

PAMPHLET BOX 1

Q
1
S3
V.84
1981
N/C

Sci

U.I.C.C.
OCT 5 1981
LIBRARY

Physics Abstracts

Science Abstracts Series A
January-June 1981

Author Index

inspec

The Institution of Electrical Engineers

CONTENTS

Title page	i	'Small' indexes	LI1
Errata	ii	List of Journals	LJ1
Author index	A1		

SIX-MONTHLY INDEXES TO SCIENCE ABSTRACTS

Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise author and subject indexes and some specialised or 'small' indexes. For Physics Abstracts and Electrical & Electronics Abstracts the Author Index and Subject Index are published as separate volumes. In this case the Small Indexes are included in the Author Index volume.

Cumulative author and subject indexes for preceding years are also available. For details please see inside back cover.

Author index

This lists in alphabetical order all authors of papers abstracted in the abstracts journal during the six months covered by the index, together with the title of the paper. Where there are co-authors of a paper the title of the paper is given only under the name of the first author. The serial number of the paper in the abstracts journal is in the form 1-12345, ie 1981—abstract no. 12345.

'Small' indexes

These are specialised indexes which allow the user to find quickly particular types of information which might be difficult to find using the subject or author indexes.

Bibliography index

In this index reference is made to articles which contain a significant list of references or bibliography on the subjects listed.

Book index

This gives details of books received and abstracted by the abstracts journal.

Conference index

This index lists conferences for which published proceedings have been received and abstracted. Reference is given to the individual papers and their serial numbers in the abstracts journal.

Corporate author index

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments. This index replaces the previous Report and Patent assignee indexes.

Physics Abstracts

Science Abstracts Series A

January-June 1981

Author Index

Physics Abstracts is published twice monthly by the Institution of Electrical Engineers. Twice-yearly subject and author indexes covering the period January-June and July-December are included in the subscription. Printed by Unwin Brothers Ltd., Old Woking, Surrey, England. Second class postage paid at Piscataway, NJ 08854 USA. POSTMASTER: Send address changes to INSPEC/IEEE SERVICE CENTER, 445 Hoes Lane, Piscataway, NJ 08854

© 1981: THE INSTITUTION OF ELECTRICAL ENGINEERS

inspec
The Institution of Electrical Engineers

Errata

Physics Abstracts

Entry 32980 of 15th April 1981; bibliographic reference should read vol. 24 no. 9 p. 567-76

The following entries were missing from PA 2nd June 1980:

51933 Finite-temperature gauge-theory effects on calculations of the cosmological baryon excess. M. A. Namazie, W. A. Sayed (Internat. Centre for Theoretical Phys., Trieste, Italy).

Phys. Rev. Lett (USA), vol. 44, no. 8, p. 501-3 25 Feb. 1980.

The relevance of finite-temperature gauge-theory effects on computations of the cosmological baryon-to-entropy ratio is discussed (13 refs).

51934 Phase transitions and magnetic monopole production in the very early Universe. A. H. Guth, S-H. H. Tye (Stanford Linear Accelerator Center, Stanford Univ., Stanford, CA. USA).

Phys. Rev. Lett (USA), vol. 44, no. 10, p. 631-3 10 March 1980.

In grand unified models, the abundance of superheavy magnetic monopoles in the Universe can be suppressed if (1) the phase transition which creates the monopoles occurs after much supercooling; and (2) immediately after the phase transition. The effective monopole mass is large compared with the temperature. These requirements impose constraints on the history of the early Universe. The Georgi-Glashow SU (5) group probably breaks to SU (4) > U (1) before it reaches SU (3) > SU (2) > U (1) (18 refs).



Author Index

- A, J. Hernandez *see* Hernandez A, J.
A Djie, H.R.E. Tjin *see* Tjin A Djie, H.R.E.
a La Guillaume, C. Benoit *see* Benoit a La Guillaume, C.
A. Martins, R. De *see* De A. Martins, R.
A. Wu Ay-Ju *see* Ay-Ju A. Wu
A-Bary, H. *see* Nossier, A. 1-21126
A-Moneim, M.T. Recent applications and improvements of the hydrodynamic-structural piping code ICEPEL 1-33326
A-Moneim, M.T. Three-dimensional finite element formulation for elastic-plastic nonlinear analysis of piping systems 1-33327
Aagaard, K. *see* Baker, D.J., Jr. 1-13562
Aagaard, K. *see* Hanzlick, D. 1-13474
Aagerter, M.A. *see* Mori, Y. 1-3298
Aal, M.S. Abdel *see* Abdel Aal, M.S.
Aalders, J. *see* Vrijen, J. 1-7342
Aalders, J.W.G. *see* Fridlund, C.V.M. 1-22864
Aalders, J.W.G. *see* Nordh, H.L. 1-54584
Aalders, J.W.G. *see* Sargent, A.I. 1-54592
Aamodt, L.C. *see* Murphy, J.C. 1-5406
Aamodt, R.E., Cohen, B.I., Lee, Y.C., Liu, C.S., Nicholson, D.R., Rosenbluth, M.N. Nonlinear evolution of drift cyclotron modes 1-38092
Aarik, Ya., Bergmann, Ya., Fridenthal, Ya., Louk, P. Dependence of AlGaAsSb-GaSb DH laser characteristics on lattice matching in heterostructure 1-24422
Aarik, Ya., Bergmann, Ya., Vanem, R., Louk, P., Fridenthal, Ya. Investigation of GaSb-AlGaAsSb heterojunctions 1-25800
Aaron, B.B., Goslins, J.M. Optical properties of single elastin fibres indicate random protein conformation 1-8815
Aaron, R., Goldberg, H. η decay and the quark structure of the e 1-23494
Aarons, J., Mullen, J.P., Koster, J.P., DaSilva, R.F., Medeiros, H.L., Medeiros, R.T., Bushby, A., Pantoja, J., Lanat, J., Paulson, M.R. Seasonal and geomagnetic control of equatorial scintillations in two longitudinal sectors 1-27338
Aarons, J., Whitney, H.E. Recent observations of equatorial and high latitude scintillations 1-49453
Aarons, J. *see* Basu, S. 1-17733
Aarons, J. *see* Kersley, L. 1-4697
Aarons, J. *see* Klobuchar, J.A. 1-22568
Aaronsom, H.I. Orientation relationships, surface reliefs and growth mechanisms of diffusional FCC-BCC transformations 1-2389
Aaronsom, H.I. *see* Chan, K.S. 1-12718
Aaronsom, H.I. *see* Lee, J.K. 1-26562
Aaronsom, M., Mould, J. Carbon stars in the Fornax dwarf spheroidal galaxy 1-22792
Aarseth, S.J. Computer simulations of galaxy clustering 1-9690
Aaronsom, M. *see* Mould, J. 1-9586
Aarts, E.H.L., van den Berg, A.M., de Meijer, R.J. On the detection of ^3He with the QMC/2 spectrograph 1-18985
Aarts, G.H.M. *see* Kotovych, G. 1-21978, 1-51232
Aarts, H.J.M., van der Poel, C.J., Scherpenzeel, D.E.C., Arciszewski, H.F.R., Engelbertink, G.A.P. A Compton-suppression spectrometer for γ - γ coincidence measurements: large solid angle and excellent suppression 1-23931
Aarts, H.J.M. *see* Scherpenzeel, D.E.C. 1-23599
Aarts, J., Felsch, W., von Lohnenysen, H., Steglich, F. Frequency dependence of the freezing temperature in spin glasses: a comparative study of (La,Gd)B₆, (Y,Gd)Al₂ and (La,Gd)Al₃ 1-34898
Aas, B. *see* Weber, R. 1-33216
Aase, J.K., Siddoway, F.H. Spring wheat yield estimates from spectral reflectance measurements 1-54086
Aashamar, K., Amundsen, P.A. Wavefunction effects in inner-shell ionisation of light atoms by protons 1-41467
Aashamar, K., Luke, T.M., Talman, J.D. A multi-configuration optimised central potential model for atomic-structure calculations. II. Application to magnesium 1-45830
Aashamar, K. *see* Amundsen, P.A. 1-46067
Aaviksoo, Ya. *see* Kaarli, R. 1-23318
Ababi, V. *see* Bourceanu, G. 1-51907
Abachi, H., Bedos, H., Malbrunot, P. Simple mechanical device for fine angular adjustments 1-50114
Abachi, H., Molénat, J., Malbrunot, P. Shear viscosity of simple liquids measured at low shear rates near the triple point 1-20439
Abadir, M.F. *see* Eisa, M.A. 1-26434
Abadli, L. *see* Krill, G. 1-12072
Abaer, M.I., Vol'fson, A.A., Karklina, M.I., Ostroumov, A.G., Semenov, V.V. Identification of polar planes in silicon carbide crystals [using anodic oxidation] 1-39482
Abagyan, S.A., Gerasimov, A.B., Ivanov, G.A., Khakhanashvili, O.G. Electron spin resonance in electron-bombarded GaP 1-31023
Abakarov, D.I., Oleinik, V.P. Towards the theory of quantum processes in a dispersive medium separated from a vacuum by a plane boundary 1-40952
Abakumov, V.N. Cascade capture accompanied by optical phonon emission 1-20764
Abakumova, G.M., Evneev, T.V. Turbidity factor in Moscow for various wind speeds and directions 1-22495
Abalakin, V.K. *see* Davies, M.E. 1-4797
Abalduer, B.V. *see* Bol'shakov, A.F. 1-7321
Abarbanel, H.D.I. Scattering from a random surface 1-15300
Abarbanel, H.D.I. Classical Hamiltonian perturbation theory without secular terms or small denominators 1-17998
Abashian, A. *see* LeBritton, J. 1-45299
Abashian, A. *see* Youngquist, R. 1-5650
Abashkin, Yu.G., Dement'ev, A.I., Rambidi, N.G. Construction of bases from grouped functions of the Gaussian type 1-6150
Abaskalov, V.D. *see* Zukov, A.A. 1-8498
Abasov, S.A., Ismailov, T.K., Dzhalal-kyzy, E., Alieva, M.Kh., Ragimov, Ya.G., Badirkhanova, S.Sh., Kurbanov, M.A., Azizov, T.Kh. Investigation of strength of gallium sulfide and selenide single crystals 1-26124
Abate, J.A., Lund, L., Brown, D., Jacobs, S., Reformat, S., Kelly, J., Gavin, M., Waldbillig, J., Lewis, O. Active mirror. A large-aperture medium-repetition rate Nd:glass amplifier 1-41717
Abate, J.A. *see* Brown, D.C. 1-29352
Abati, L. Erculiani *see* Erculiani Abati, L.
Abazi, A. *see* Velickovic, D. 1-23274
Abazli, H., Cousson, A., Tabuteau, A., Pages, M., Gasperin, M. Ammonium uranium (IV) fluorine: NH₄U₂F₁₃ 1-15869
Abbas, A., Zamick, L. Nuclear vibrations with a zero-range interaction and the multipole condition 1-5678
Abbas, K.B. Degradation of polycarbonate during recycling in a capillary rheometer 1-48399
Abbas, P.J., Gorga, M.P. AP responses in forward-masking paradigms and their relationship to responses of auditory-nerve fibers 1-49004
Abbas, S., Will, G.T. A mixed finite element formulation for shells through a reduced Reissner's principle in elastodynamics 1-5105
Abbate, M.J., Lohic, J.V., Wio, H. Neutron thermalization process in benzene 1-732
Abbate, M.J. *see* Gho, C.J. 1-18640
Abbate, S., Gussoni, M., Zerbi, G. Raman intensities of stretch oriented polyethylene and perdeuteropolyethylene. II. Electro-optical parameters for solid N-hydrocarbons 1-26186
Abbate, S. *see* Masetti, G. 1-24298
Abbati, I., Braicovich, L., de Michelis, B. Spectroscopic evidence of chemical interaction in Si-Pt interfaces at liquid nitrogen temperature 1-12637
Abbati, I., Braicovich, L., de Michelis, B., Bisi, O., Rovetta, R. Electronic structure of compounds at platinum-silicon (111) interface 1-43250
Abbati, I., Braicovich, L., de Michelis, B., del Pennino, U. The Si(111)-Pd interface: spectroscopic evidence of chemical processes at liquid nitrogen temperature 1-31304
Abbati, I., Braicovich, L., de Michelis, B., del Pennino, U., Valeri, S. Cooling effect on the electron states of Si (111)-Pd and Si (111)-Pt interfaces 1-12634
Abbati, I., Braicovich, L., de Michelis, V., Bisi, O., Calandra, C., del Pennino, U., Valeri, S. The electronic properties of the Si(111)-transition metal interfaces 1-53047
Abbati, I., Braicovich, L., Fasana, A., Picco, P., Rossi, G. Chemisorption of Cu onto Ni (111): comparison with Cu chemisorption on simple metal 1-16177
Abbati, I., Braicovich, L., Franciosi, A. Evidence of intermixing at Si(III)/Au interface at liquid nitrogen temperature 1-20399
Abbati, I., Braicovich, L., Franciosi, A., Lindau, I., Skeath, P.R., Su, C.Y., Spicer, W.E. Photoemission investigation of the temperature effect on Si-Au interfaces 1-16655
Abbati, I. *see* Braicovich, L. 1-16367
Abbati, I. *see* Miller, J.N. 1-16104
Abbes, M., Gerard, R., Gerard, P., Meton, M., Picard, E.J. Hall effect in electrolytic solutions of variable concentrations 1-25474
Abbi, S.D.S. *see* Gosain, A.K. 1-22370
Abbiss, J.B., Mayo, W.T., Jr. Deviation-free Bragg cell frequency-shifting 1-46419
Abbondanno, U., Boiti, A., Demanins, F., Omet, C., Tuniz, C., Nardelli, G. Energy levels and decay scheme of ^{164}Dy from the (n,n' γ) reaction 1-14490
Abbondanno, U., Boiti, A., Demanins, F., Poiani, G., Tuniz, C. On the 835 and 868 keV levels in ^{69}Zn 1-33220
Abbondanno, U., Boiti, A., Demanins, F., Tuniz, C., Nardelli, G. A study of the $^{59}\text{Co}(n,n'\gamma)^{59}\text{Co}$ reaction 1-641
Abbondanno, U. *see* Nardelli, G. 1-50551
Abbott, D.C. The theory of radiatively driven stellar winds. I. A physical interpretation 1-49606
Abbott, E.C., Bickel, J.H., Kastenber, W.E. Event tree analysis of selected feedwater transients in B&W reactors 1-50832
Abbott, L.F., Wise, M.B. Effective Hamiltonian for nucleon decay 1-14254
Abbott, L.F., Wise, M.B. Dimension of a quantum-mechanical path 1-27718
Abbott, L.F., Wise, M.B. Heavy quarks in electroproduction 1-36843
Abbott, R.P. *see* Hirsh, M.N. 1-38179
Abbott, W. *see* Megerman, J. 1-17491
Abbundi, R., Clark, A.E., McMasters, O.D. Magnetostriiction of Laves phase rare earth-Ni₂ compounds 1-12375
Abd El Baki, M.M., Zakhary, S.G. Lateral diffusion losses inside an improved constricted radial RF ion source 1-28769
Abd El Wahab, S.M. *see* Gouda, V.K. 1-48560
Abd El-Salam, E.M. New formulation for the factor Ψ for the Middle East region 1-17162
Abd El-Salam, E.M. Computation of the diffuse solar radiation for Egypt 1-17163
Abd El-Salam, F. *see* Nagy, M.R. 1-53235
Abd-Elmeguid, M.M., Micklitz, H., Buschow, K.H.J. On the valence stability of Eu in the Laves phase compounds Eu_{1-x}Pt_x under high-pressure 1-7988
Abd-Elmeguid, M.M., Micklitz, H., Kaindl, G. Volume dependence of magnetic hyperfine fields in Eu-intermetallic compounds 1-43051
Abdalian, A.T., Cibert, J., Moch, P. Raman scattering in the one-dimensional ferromagnet CsNiF₃ 1-12491
Abdalla, E. On the equivalence of renormalizable massive QED in 2-dimensional space-time and massive QED in the unitary gauge (non-renormalizable) 1-33133
Abdalla, M.I. *see* Alexandre, F. 1-2834
Abdalla, S., Dusseau, J.M., Roche, F., Darolles, J.M. New possibilities of solar energy conversion by means of refractory thermoelements 1-17226
Abdalla Sayed Ahmed On the interpretation of changes produced in the intrinsic components by electrocardiogram leads 1-22154
Abdallah, J., Jr. *see* Kerley, G.I. 1-38496
Abdell-Hamad, K.M. *see* Bassiouny, A.K. 1-23484
Abdeen, A.M. Crystal structure investigations on cation-substituted alums by X-ray and neutron diffraction 1-30203
Abdel Aal, M.S., Osman, A.H. Anodic polarization of tin, nickel, and a 65-35 tin-nickel alloy in alkaline media containing halide ions 1-43577

- Abdel Aziz, N.E. *see* Abdel Wahab, S.M. 1-44393
- Abdel Hafiez, M.S. *see* Sakr, I.A. 1-21853
- Abdel Halim, F.M. *see* Awad, G.H. 1-39506, 1-39507
- Abdel Monty, M. *see* Portal, J.C. 1-52586
- Abdel Rahiem, A.E.E. *see* Barnard, R.D. 1-25703
- Abdel Salam, M.S., Higazy, N.A. Atmospheric pollution and solar radiation 1-17160
- Abdel Salam, M.S., Higazy, N.A. Solar data application to Egypt 1-17164
- Abdel Wahab, S.M., Giris, A.H., Abdel Aziz, N.E., Mawgood, A.A. Recurrent tendency in cosmic ray intensity through the period 1958-1975 1-44393
- Abdel-Aal, H.K. Development plans and conceptual designs for multi-purpose solar desalination units (MSDU) 1-17294
- Abdel-Azim, A. *see* Youssef, N.H. 1-44532
- Abdel-Fattah, A.B., Koblasz, A., Arnett, D. Retinal responses to white-noise modulated current stimuli [haemorrhage patients application] 1-32118
- Abdel-Gaid, M.A., Khider, M.A., Elhangery, M. On steady non-Newtonian flow with suction past an infinite porous flat plate 1-42073
- Abdel-Gaid, M.A. *see* Khidr, M.A. 1-19756
- Abdel-Hady, K., El Akkad, F., Al-Dabbagh, J. Some optical and electrical properties of selenium-cadmium sulphide photovoltaic cells 1-17216
- Abdel-Khalik, S.I., Jansen, P., Kessler, G., Klumpp, P. Impact of fusion-fission hybrids on world nuclear future 1-5989
- Abdel-Khalik, S.I. *see* Felde, D.K. 1-5880
- Abdel-Khalik, S.I. *see* Niertet, R.E. 1-41248
- Abdel-Latif, B.T. *see* Shahin, F. 1-2126
- Abdel-Salam, M., Abul-Shohoud, W. Effect of polarity on the breakdown voltage of gas gaps 1-11613
- Abdelfattah, F.M. *see* Mousa, M.M. 1-17292
- Abdelhafiez, N.S., Abdelsalam, M.A. Investigation of pool boiling heat transfer in the energy carrying liquids of solar energy power plants 1-17289
- Abdelmalek, N.N., Kasvand, T. Digital image restoration using quadratic programming 1-6491
- Abdelmomen, M.A. *see* Sayed, E.M. 1-41055
- Abdelnour, Z.A., Mildrum, H.F., Strnat, K.J. Properties of various sintered rare earth-cobalt permanent magnets between -60 and +200°C 1-7893
- Abdelrazek, L.D., Hammad, F.H. Direct solar distillation 1-17293
- Abdelsalam, M.A. *see* Abdelhafiez, N.S. 1-17289
- Abdi, S., Yavari, I., Askari, M. Conformations of methylcyclooctane. A combined iterative force field-CNDO approach 1-51116
- Abdin, S., Huber, A., Morillot, G., Val, C. Properties of nickel films prepared by RF sputtering and interdiffusion analysis of Ta₃Ni-Ni films 1-35174
- Abdinov, A.Sh., Akhmedov, A.A. The anomalous photoconductivity in single crystals of p-GaSe layer semiconductor 1-47700
- Abdinov, A.Sh., Akperov, Ya.G., Mamedov, V.K., Salaev, El'Yu. Phototrigger effect in indium and gallium selenide single crystals 1-3020
- Abdinov, A.Sh., Mamedov, V.K. Photoconductivity of n-type CuInSe₂ single crystals 1-20807
- Abdinov, A.Sh., Mamedov, V.K., Salaev, El'Yu. Thermal-electrical instability and low-frequency oscillations of the current in gallium selenide single crystals 1-3021
- Abdinov, O.B. *see* Abdrahmanov, E.O. 1-722
- Abdou, M.A. *see* Jung, J. 1-18888
- Abdrahmanov, E.O., Basina, A.N., Chasnikov, I.Ya., Gaitinov, A.Sh., Streltsov, I.S., Vinitsky, A.K., Abidinov, O.B., Mehtiev, R.R., Backovic, S., Drndarevic, S., Krpic, D., Sakota, V., Balea, E., Balea, O., Boldea, V., Hakman, S., Ponta, T., Gemesy, T., Krasznovszky, S., Pinter, D., Kowalski, M., Angelov, N., Anoshin, A.I., Ahababian, N., Baatar, T., Baldin, A.M., Bartke, J., Cheplakov, A.P., Didenko, L.A., Dzhmkhadze, S.V., Gasparian, A.P., Grecova, L.D., Grigalashvili, N.S., Grishin, V.G., Ivanovskaja, I.A., Jenik, L., Kanarek, T., Kladnitskaya, E.N., Kopylova, D.K., Lyubimov, V.B., Lyutov, S.I., Melnikova, N.N., Nikitina, V.F., Popova, V.M., Shcheglova, L.N., Shklovskaya, A.I., Solomon, A.N., Soloviev, M.I., Sulejmanov, M.K., Toneyeva, G.P., Tuvden-dorzh, D., Erofeeva, I.N., Murzin, V.S., Smirnova, L.N., Korbel, Z., Trka, Z., Trkova, Ya., Kerachev, P., Markov, P., Semerdzhiev, H., Azimov, S.A., Inogamov, Sh.V., Turdaliev, K.T., Yuldashev, A.A., Yuldashev, B.S., Amaglobeli, N.S., Dasava, M.A., Makharadze, T.G., Tevzade, Yu.V., Topuridze, M.V., Tsvitsvadze, E.T., Chadraa, B., Dalkhazhav, N., Togoo, R., Armultsijev, D., Prokojeva, S., Bialkowska, H., Kielczewska, D., Lang, K., Ahababian, N.M., Gulkarian, G.R., Kirakosian, Z.A., Korchagin, S.A., Vartanian, V.A. Interaction cross sections and negative pion multiplicities in nucleus-nucleus collisions at 4.2 GeV/c per nucleon 1-722
- Abdrakhmanov, R.S. ESR of vanadium and chromium ions in glasses of the system Na₂O-ZrO₂-SiO₂ 1-16477
- Abdrakhmanov, R.S., Bogdanova, G.S., Bezsmertnaya, Z.G. An ESR study of the structural state of Cr^{III} and V^{IV} ions in the crystallization products of lithium silicate glasses 1-52838
- Abdrakhmanov, R.S., Ivanova, T.A. Some structural features of Nd³⁺ complexes in glass. [ESR and optical studies] 1-52842
- Abdrashitova, E.I. *see* Khodakovskaya, R.Ya. 1-52829
- Abdu, M.A. *see* Sobral, J.H.A. 1-36093, 1-44355
- Abdul-Karim, M.A.H., Boghosian, D.H. A digital power-factor meter design based on binary rate multiplication techniques 1-36700
- Abdul-Maula, S. *see* Odler, I. 1-32923
- Abdulkhadar, M., Ittyachan, M.A. Growth of different habits of lead bromide crystals in silica gel by the new gel technique 1-53075
- Abdullabekov, K.N., Berdaliev, Ye., Pushkov, A.N., Shapiro, V.A. Local variations of the geomagnetic field during the filling of a reservoir 1-22364
- Abdullaev, A., Zolotarev, V., Nikitin, V., Sutovsky, S. Internal reflection spectrometry for control of natural objects 1-32073
- Abdullaev, A.G., Aliyev, V.K. Switching and memory effect in TiInSe₂ 1-20830
- Abdullaev, A.G. *see* Abdullaev, G.B. 1-38867
- Abdullaev, G.B., Abdullaev, A.G., Aliyev, V.K., Aksyanov, I.G. Thin insulating single crystal films of layer chalcogenides 1-38867
- Abdullaev, G.B., Tagiev, B.G., Mustafaeva, S.N., Gasanov, I.A., Ibragimova, E.N. Investigation of charge transport processes in amorphous GaSe films 1-47655
- Abdullaev, N.S. *see* Umarov, B.S. 1-16569, 1-21106
- Abdullaev, R.M., Tontegode, A.Ya. Effect of carbon dissolution and segregation in palladium on the catalytic, optical, and electric properties 1-31911
- Abdullaeva, S.G., Belenkii, G.L., Godzhaev, M.O., Mamedov, N.T. Excitons in TiGaSe 1-48113
- Abdullaeva, S.G., Belenkii, G.L., Mamedov, N.T. Near-band-edge optical properties of TiGaSe₂(1-x) mixed crystals 1-26231
- Abdullaeva, S.G. *see* Guseinov, G.D. 1-47026
- Abdullah, A.H., Sherman, W.F. Variable temperature high-pressure Raman cell 1-281
- Abdullah, F.H. *see* Rao, P.R. 1-41797
- Abdullayev, A.G., Aksianov, I.G., Mamedov, A.I., Abdullayev, K.I. Exciton absorption spectra in GaSe thin films 1-34634
- Abdullayev, A.G., Aliyev, V.K., Fufayeva, T.G., Skugareva, L.I. Band structure investigation of two low temperature phases in Ag₂Se 1-34624
- Abdullayev, K.I. *see* Abdullayev, A.G. 1-34634
- Abdullin, B.F., Sadikov, G.G., Lutfullina, M.G., Malikova, T.A., Porai-Koshits, M.A. An X-ray investigation of complexes of rare earth nitrates with pyrazolone derivatives 1-8816
- Abdulragimova, N.M. *see* Miskari, A.K. 1-12902
- Abdurakhmanov, K.P., Kamilov, T.S., Makhmudov, A., Umarov, T.A., Utamuradova, Sh.B. Characteristics of precipitation of silicon-manganese solid solutions 1-20405
- Abdurakhmanov, R.U. *see* Abbralov, M.A. 1-47092
- Abdurakhmanov, S.R., Begzhanov, R.B., Belen'kii, V.M., Feresin, A.P. Penetration matrix elements for neutron E2 transitions in odd deformed nuclei 1-668
- Abdurazakov, A.A., Vylov, Ts., Gnatovich, V., Gorozhankin, V.M., Gromov, K.Ya., Zvol'ska, V., Zvol'ski, I., Islamov, T.A., Karakhodzhaev, A., Kononenko, G.A., Kuznetsov, V.V., Tsupkosnitkov, V.M. The levels of ¹⁵⁵Dy 1-33217
- Abdusalyamova, M.N., Abulkhaev, V.D. Thermal expansion of antimonides of rare-earth elements of the Me₂Sb₃ composition 1-16070
- Abdusalyamova, M.N., Burnashev, O.R., Mironov, K.E. The terbium-antimony alloy system 1-39310
- Abe, E. *see* Ishizuka, A. 1-41258
- Abe, E. *see* Sasaki, T. 1-41277
- Abe, H. A comment for the characteristics of solid gas layers used for the cryosorption pump 1-23251
- Abe, H. Mechanism for ion heating by lower hybrid waves 1-25007
- Abe, H., Manzel, K., Schulze, W., Moskovits, M., DiLella, D.P. Surface-enhanced Raman spectroscopy of CO adsorbed on colloidal silver particles 1-45969
- Abe, H., Momota, H., Itatani, R., Fukuyama, A. High-energy tail formation by a monochromatic wave in the magnetized plasma 1-29866
- Abe, H. *see* Kitajima, K. 1-26488
- Abe, H. *see* Manzel, K. 1-41383
- Abe, H. *see* Nakata, H. 1-31738
- Abe, H. *see* Schulze, W. 1-25552, 1-45981
- Abe, H. *see* Uchida, S. 1-49106
- Abe, H. *see* Yokoyama, S. 1-16391
- Abe, K., Wada, M., Hasegawa, A. A high-sensitive sample-oscillating magnetometer 1-40826
- Abe, K. *see* Hayakama, S. 1-35199
- Abe, K. *see* Inada, T. 1-8916
- Abe, K. *see* Kitagaki, T. 1-18467
- Abe, K. *see* Takeo, M. 1-9115
- Abe, K. *see* Yamada, M. 1-52563
- Abe, K. *see* Yukawa, T. 1-7930
- Abe, M., Ishigame, M., Kido, K. On the accuracy of the power spectrum estimate in the directive spectrum analyzing system by use of a moving microphone 1-19528
- Abe, M. *see* Gomi, M. 1-8045
- Abe, M. *see* Igaki, T. 1-17118
- Abe, M. *see* Tachi, S. 1-13349
- Abe, R. Modification of 1/n expansion in critical phenomena 1-14087
- Abe, R., Matsuda, T. Microscopic origin of the ferroelastic phase transition in LiNH₄C₄H₉O₆·H₂O 1-38527
- Abe, R. *see* Fukui, M. 1-26040
- Abe, R. *see* Oku, M. 1-40746
- Abe, R. *see* Takeuchi, K. 1-12389
- Abe, S. Interband absorption spectra of disordered semiconductors in the coherent potential approximation 1-52474
- Abe, T. Elastic and plastic deformation of inhomogeneous materials such as polycrystals—an approach with models 1-20306
- Abe, T., Niu, K. Anomalous viscosity due to weak turbulence in imploding target plasma 1-24934
- Abe, T., Niu, K. Anomalous deceleration of light ion beam in plasma of inertial confinement fusion 1-25005
- Abe, T., Niu, K. Rayleigh-Taylor instability in nonuniform pellet of inertial confinement fusion 1-41229
- Abe, T., Nui, K. Anomalous viscosity in turbulent plasma due to electromagnetic instability. II 1-11528
- Abe, T. *see* Kawai, H. 1-48311
- Abe, T. *see* Kobayashi, H. 1-32179
- Abe, T. *see* Sadakane, Y. 1-42607
- Abe, T. *see* Sengoku, S. 1-24988
- Abe, Y. Characterisation of Si wafers using optical methods. I 1-48627
- Abe, Y., Fujii, K., Okazaki, T., Arisue, H., Bando, M., Toyota, M. Mechanism of 'ΔI=1/2 enhancement' in the relativistic quark model 1-33178
- Abe, Y. *see* Hayashi, K. 1-26167
- Abe, Y. *see* Takoshima, T. 1-12119
- Abe, Z. *see* Nakazoe, J. 1-36687
- Abecasis, S.M., Davidson, J., Davidson, M. Particle-core coupling model applied to ⁸⁹Y, ⁸⁷Sr, and ⁸⁹Sr 1-14448
- Abdeen Kahn Zainul *see* Zainul Abdeen Kahn
- Abedi, N. *see* Maleknia, S. 1-51214
- Abel, A. Steam generator tube diagnostics—the B&W approach 1-45708
- Abel, I.R., Hatch, M.R. The pursuit of symmetry in wide-angle reflective optical designs 1-46525
- Abela, R., Backenstoss, G., Kowald, W., Wuest, J., Seiler, H.G., Seiler, M., Simons, L.M. New upper limit for μ → eγ conversion 1-5628
- Abela, R. *see* Schwanner, I. 1-15041
- Abelard, P. *see* Cales, B. 1-3327
- Abel'dina, Zh.K. *see* Baktybaev, K.B. 1-33226
- Abele, J., Clement, D. Chebyshev approach to fit atmospheric aerosol size distributions 1-49321
- Abele, J., Raidt, H., Hohn, D.H. Studies on the influence of meteorological parameters on atmospheric laser transmission 1-13573
- Abele, R. *see* Schaefer-Stahl, H. 1-3309
- Abeles, B., Wronski, C.R., Tiedje, T., Cody, G.D. Exponential absorption edge in hydrogenated a-Si films 1-30779

- Abeles, B.** *see* Cody, G.D. 1-31216
- Abeles, B.** *see* Tiedje, T. 1-30784
- Abeles, B.** *see* Wronski, C.R. 1-32027
- Abeles, F., Borensztein, Y., De Crescenzi, M., Lopez-Rios, T.** Optical evidence for longitudinal waves in very thin Ag layers 1-34810
- Abell, G.C.** Jahn-Teller resonance states in the Vb metal hydrides: a model calculation 1-7568
- Abell, G.C.** Jahn-Teller resonance states in the group Vb metal hydrides: A model calculation 1-20674
- Abell, G.O.** The physical properties of large scale systems from optical observations 1-9695
- Abell, M.D.** *see* Carter, W.E. 1-49393
- Abel'skii, Sh.Sh.** *see* Povzner, A.A. 1-25908, 1-52745
- Abelson, H., Horowitz, J.S.** A thermodynamic analysis of a metal hydride heat pump 1-48893
- Abend, K.** On-line quality testing by means of statistical methods 1-21678
- Aberg, S., Larsson, S.E., Moller, P., Nilsson, S.G., Leander, G., Ragnarsson, I.** Shell structure at high spins 1-50489
- Aberg, S.** *see* Ragnarsson, I. 1-615
- Aberg, T., Reinikainen, K., Keski-Rahkonen, O.** Two-electron rearrangement K X-ray transitions in Na, Mg, and Al metals 1-26311
- Abernathy, R.M.** *see* Marsh, S.F. 1-18600
- Abernathy, F.H., Bertschy, J.R., Chin, R.W., Keyes, D.E.** Polymer-induced fluctuations in high-strain-rate laminar flows 1-24852
- Aberth, W.** An imaging detector system for mass spectrometry 1-50264
- Abesalashvili, L.N., Amaglobeli, N.S., Kutsidi, N.K., Sisakyan, A.N., Slepchenko, L.A., Tsivtsivadze, E.T., Chargeishvili, M.S.** The influence of transverse motion on the fast meson spectra in quark jets 1-10273
- Abesalashvili, L.N., Amaglobeli, N.S., Kutsidi, N.K., Sisakyan, A.N., Slepchenko, L.A., Tsivtsivadze, E.T., Chargeishvili, M.S.** Energy dependence of meson distributions in quark jets 1-18526
- Abeshouse, D.J.** *see* Zimmerman, G.O. 1-16448
- Abey, A.E.** *see* Yaguricu, Y.K. 1-34396
- Abeyaratne, R.C.** Discontinuous deformation gradients in plane finite elastostatics of incompressible materials 1-29550
- Abgrall, V., Morand, B., Caurier, E., Grammaticos, B.** On the fragmentation of the giant isoscalar resonances in deformed nuclei 1-5752
- Abhyani, A.S., Austen, S.P., Bates, C.A., Fletcher, J.R., King, P.J., Parker, L.W.** The role of the Jahn-Teller effect in chromium-doped GaAs 1-52533
- Abhyankar, B.** *see* Kapur, K.D. 1-32256
- Abi-Ghanem, G.V.** *see* Flug, M. 1-36007
- Abid, F.M., Al-Kattii, J.M., El-Bermani, M.F.** Infrared studies of rotational isomerism in α -halogenoacetamides 1-10729
- Abiko, K.** *see* Wilkinson, D.S. 1-26561
- Abilock, H., Bergstrom, C., Brady, J., Doernberg, A., Ek, A., Fishbone, L., Hill, D., Hirano, M., Kavanagh, R., Koyama, S., Larson, K., Leman, G., Love, P., Moy, M., Sailor, V., Sato, O., Shore, F., Sira, T., Teichmann, T., Wene, C.-O.** MARKAL, a multiperiod linear-programming model for energy systems analysis (BNL version) 1-39719
- Ablor, G.S., Astrov, D.N., Al'shin, B.I.** Apparatus for graduation of low-temperature thermometers in the presence of strong magnetic fields 1-23247
- Ablorova, T.S., Drmukhamedova, S.D.** Calculation of the intensities of the normal modes of vibration of several random and graft copolymers 1-19222
- Ablyonay, S.V.** *see* Balobolkin, A.N. 1-12899
- Abiru, Y.** *see* Owada, S. 1-33972
- Abishov, V.T., Babanly, M.B., Kuliev, A.A.** Phase equilibria in the system Cu₂Se-Tl₂Se 1-31433
- Abjean, R.** *see* Bideau-Mehu, A. 1-334
- Abkowitz, M.** Time-resolved dark injection in dispersive media. Doped a-As₂Se₃ 1-20886
- Abliart, G., Pescia, J.** Magnetic field dependence of spin-lattice relaxation in three iron group salts 1-3251
- Abliart, G.** *see* Bourdel, D. 1-42996
- Ableev, V.A., Chulichkin, B.N., Nazarenko, L.A.** Method of determining errors of high-precision optical indexing heads 1-37638
- Ableev, V.G., Bodyagin, V.A., Vorobiev, G.G., Demyanov, A.I., Zaporozhets, S.A., Murzin, V.S., Nomofilov, A.A., Piskunov, N.M., Sarycheva, L.I., Sinev, N.B., Sitnik, I.M., Strokovskii, E.A., Strunov, L.N., Filipkovskii, A., Sharov, V.I.** Study of the leading proton spectra in experiments on 6.8-GeV/c proton scattering on protons and C, Al, Cu, Sn, Pb nuclei 1-18507
- Ablekov, V.K., Avduyevskii, V.S., Babaev, Yu.N., Kolyadin, S.A., Frolov, A.V., Frolov, V.A.** Reconstruction of the wave front of an object from its diffraction pattern 1-24373
- Ablekov, V.K., Babaev, Yu.N., Frolov, A.M.** Electron distribution of the degenerate electron gas of a plasma in a strong electromagnetic field 1-20788
- Ablekov, V.K., Babaev, Yu.N., Kolyadin, S.A., Frolov, A.V.** Complete reconstruction of amplitude-phase information of a light wave 1-19302
- Ablekov, V.K., Kolyadin, S.A., Frolov, A.V.** Possibility of recovering holograms without a reference beam 1-6508
- Ablova, M.S.** *see* Andreev, A.A. 1-3028
- Ablowitz, M.J., Segur, H.** Long internal waves in fluids of great depth 1-11416
- Ablowitz, M.J.** *see* Kodama, Y. 1-49951
- Aboaf, J.A.** *see* McGuire, T.R. 1-7588
- Aboltyn, D.E., Karis, Ya.E., Plekhanov, V.G.** Experimental manifestation of the role of phonons in the formation and motion of point defects in alkali halide crystals 1-3486
- Abokazemi, M.E.** *see* Bishop, G.B. 1-28706
- Abou el Ela, A.H., Labib, H.H.A., Sharaf, K.A.H.** Thermal conductivity of liquid selenium and Se-Ti-S alloys 1-2709
- Abou el Ela, A.H.** *see* Mahmoud, S. 1-3515
- Abou Sekkina, M.M., Tawfik, A.** Effect of gamma irradiation on the electrical and spectral properties of sodium acetyl-acetonate polycrystals 1-47639
- Abou Sekkina, M.M., Tawfik, A., Amin, M., Ismail, M.** Electrical resistivity and pyroelectricity of sodium-2,4-pentane-dionate polycrystals 1-47640
- Abou Sekkina, M.M.** *see* Tawfik, A. 1-48017
- Abou-Aly, A.** *see* El-Raey, M. 1-38845
- Abou-Leila, H.** *see* Ismail, H.A. 1-36919
- Abou-Seada, M.S.** Calculation of high frequency breakdown voltages of point-to-plane air gaps 1-20022
- Abou-Seada, M.S., Ali, Kh.I.M.** Negative corona thresholds of compressed SF₆ in space charge modified nonuniform fields 1-11626
- Abouaf-Marguin, L., Gauthier-Roy, B.** Rotation assisted vibrational energy relaxation of matrix isolated small polyatomic molecules: CH₃F, ¹²CD₃F, ¹³CD₃F in Ne, Ar, Kr and Xe 1-6359
- Aboudi, J., Benveniste, Y.** An average theory for the dynamic behaviour of a laminated elastic-viscoplastic medium under general loading 1-19584
- Aboulaev, A.Sh., Frolov, A.A.** On the theory of the reverse Faraday effect in an inhomogeneous plasma 1-51957
- Aboumaja, A.** *see* Berger, H. 1-37365
- Abouseif, G.E., Toong, T.Y.** Nonlinear wave-kinetic interactions in irreversibly reacting media 1-51789
- Abraamyan, Yu.A., Avakyan, G.M., Arakelyan, A., Simonyan, R.G., Tarumyan, S.A.** The influence of medium-energy electrons on properties of silicon p-structures 1-7715
- Abraev, Ch.** *see* Dekhtyar, I.Ya. 1-43210, 1-53013
- Abraham, A.** *see* Bouffard, V. 1-26078
- Abraham, A.** *see* Pajaso, L. 1-31215
- Abraham, B.M.** Thermochemical water splitting cycles: impact of thermal burdens and kinetics 1-17316
- Abraham, D.B.** Recent results for the planar Ising model 1-36584
- Abraham, E., Bullough, R.K.** Semiclassical theory of quantum beat superfluorescence 1-6198
- Abraham, E., Bullough, R.K.** Absorptive and dispersive optical bistability 1-29328
- Abraham, E., Hassan, S.S.** Effects of inhomogeneous broadening on optical bistability in a Fabry-Perot cavity 1-15210
- Abraham, F., Trehoux, J., Thomas, D.** Crystal structure of NdOsO₄, a new BaZnF₄-type compound 1-30180
- Abraham, F., Trehoux, J., Thomas, D.** Characterisation and structure of a new cubic K₂SO₄-type oxide of neodymium and osmium: Nd₂Os₂O₁₉ 1-52119
- Abraham, F.** *see* Jolibois, B. 1-15844
- Abraham, F.F.** Surface segregation in binary solid solutions: The γ - σ representation 1-42613
- Abraham, F.F.** *see* Bonissent, A. 1-47365
- Abraham, J.** *see* Sinha, A.B. 1-49076
- Abraham, K.M., Mank, R.M.** Some chemistry in the Li/SOCl₂ cell 1-21867
- Abraham, K.M., Pitts, L., Schiff, R.** Moderate temperature sodium cells. I. Transition metal disulfide cathodes 1-35641
- Abraham, K.P.** *see* Hebsur, M.G. 1-39420
- Abraham, M.H., Liszi, J.** Calculations of ionic solvation. V. The calculation of partition coefficients of ions 1-53458
- Abraham, M.M., Chen, Y., Olson, D.N., Orera, V.M., Wilson, T.M., Wood, R.F.** EPR and ENDOR investigation of the [F_{Li}]⁰ center in CaO 1-38980
- Abraham, M.M.** *see* Boatner, L.A. 1-41214
- Abraham, M.M.** *see* Chen, Y. 1-2960
- Abraham, M.M.** *see* Rappaport, M. 1-43006
- Abraham, P.B., Moses, H.E.** Changes in potentials due to changes in the point spectrum: anharmonic oscillators with exact solutions 1-112
- Abraham, R.J., Stolevik, R.** A molecular mechanics calculation of conformational energies and barrier heights in haloalkanes 1-29139
- Abraham, Z., Lepine, J.R.D., Braz, M.A.** H₆₆ radio recombination line observations of southern H II regions 1-27590
- Abraham-Shrauner, B.** *see* Gary, S.P. 1-42160
- Abrahams, E.** Conductivity scaling and localization 1-30678
- Abrahams, E., Anderson, P.W., Ramakrishnan, T.V.** Non-Ohmic effects of Anderson localization 1-47574
- Abrahams, E.** *see* Anderson, P.W. 1-20692
- Abrahams, K.** *see* de Boer, J. 1-36943
- Abrahams, M.S., Hutchison, J.L., Booker, G.R.** Direct observation of a silicon-sapphire heteroepitaxial interface by high resolution transmission electron microscopy 1-52443
- Abrahams, S.C., Bair, H.E., Haddon, R.C., Stillinger, F.H., Svensson, C.** Order-disorder phase transitions in 9-hydroxyphenalenone 1-38526
- Abrahams, S.C., Bernstein, J.L., Liminga, R., Eisenmann, E.T.** Piezoelectric KCo[Au(CN)₂]₃: room temperature crystal structure of a cobalt-hardened gold electrodeposition process component 1-25209
- Abrahams, S.C.** *see* Liminga, R. 1-31094
- Abraimov, V.V.** Effect of magnetic field on low temperature plastic deformation of some normal FCC metals 1-21508
- Abbralov, M.A., Abdurakhmanov, R.U.** Some of the features of the formation of secondary grain boundaries in welds subjected to electromagnetic action 1-47092
- Abram, R.A.** Multiphonon processes in the model of Henry and Land 1-2578
- Abram, R.A.** Reaction effects in piezoelectric plastic film transducers for earphones 1-24642
- Abramenko, P.I., Gusarov, A.N., Kosobutskii, V.A.** Quantum-chemical calculation of the electronic spectra, electronic structure, and reactivity of polymethine dyes with a ring-containing chromophore 1-1057
- Abramenkov, A.V.** *see* Glebova, L.A. 1-24064
- Abramo, M.C., Caccamo, C., Pizzimenti, G.** Radial distribution functions of molten salt mixtures 1-11658
- Abramo, M.C., Caccamo, C., Pizzimenti, G.** Structural properties of molten alkaline-earth halides: CaF₂ and BaCl₂ 1-11666
- Abramo, M.C., Caccamo, C., Pizzimenti, G., Parrinello, M.** Partial structure factors in molten alkali halide mixtures 1-2311
- Abramov, A.A., Gussakovskii, E.E.** Measuring optical activity with a spectropolarimeter with no modulator 1-44987
- Abramov, A.A., Makashev, N.K.** Influence of excitation of internal degrees of freedom of molecules in the process of weak evaporation or condensation 1-25417
- Abramov, A.P., Abramova, I.N., Gerlovina, I.Ya., Razumova, I.K.** Observation of ballistic propagation of phonons in CaF₂ 1-3487
- Abramov, A.P., Abramova, I.N., Gerlovina, I.Ya., Razumova, I.K.** Nonresonant interaction between phonons and the transition between components of the ²E doublet of a chromium ion in ruby 1-11827
- Abramov, A.P., Mazan'ko, I.P.** Ionization wave during development of a discharge in long tubes 1-42245
- Abramov, A.V., Ivanov, M.B., Korol'kov, V.I., Mizerov, M.N., Rozhkov, A.V., Tabarov, T.S., Tret'yakov, D.N.** Synthesis and study of semiconductor structures with a composition variation along two coordinates 1-35162
- Abramov, B.D., Korneev, V.A.** Projection-iteration processes of solving the transport equation by using elementary solutions 1-33278
- Abramov, B.M., Airapetov, E.A., Bagdasaryan, L.S., Dukhovskoi, I.A., Kishkurno, V.V., Krutchenko, A.P., Kulikov, V.V., Matsyuk, M.A., Radkevich, I.A., Turdakina, E.N., Fedorets, V.S.** Wide-aperture, transit-time, charged-particle spectrometer 1-992
- Abramov, D.I., Slavyanov, S.Yu., Somov, L.N.** The asymptotic behaviour of the non-adiabatic matrix elements connecting the ground state and continuum of the two-centre problem 1-23039
- Abramov, G.L., Vasichev, B.N.** Video signal color coding in a scanning electron microscope 1-399
- Abramov, N.N., Varapae, V.N., Perekal'skii, V.M.** Convection of a viscous incompressible gas in rectangular regions in inlet and outlet channels 1-19696
- Abramov, O.V., Gel'fgat, Yu.M., Semin, S.I., Sorkin, M.Z., Chashechkina, Zh.Yu.** The possibility of obtaining multicomponent materials from normally immiscible materials in quasi-weightless conditions 1-16712
- Abramov, V.N.** *see* Denks, V.P. 1-31195
- Abramov, V.P., Ishchenko, P.I., Mazan'ko, I.P.** Development of discharges in Ne-He laser tubes 1-41662

- Abramov, V.V.,** Alekseev, A.V., Baldin, B.Yu., Bituykov, S.I., Glebov, V.Yu., Dyshkant, A.S., Evdokimov, V.N., Krintsin, A.N., Kryshkin, V.I., Kul'man, N.Yu., Lanshchikov, G.I., Myalitsyn, V.K., Mel'nik, Yu.M., Orlov, A.P., Povzun, V.I., Sulyaev, R.M., Turchanovich, L.K., Vrazhnov, Yu.N., Zmushko, V.V. Hadron production at transverse momenta from 0.5 up to 2.2 GeV/c in proton-proton collisions at 70 GeV 1-596
- Abramov, V.V.,** Kichaev, Yu.P., Chebotarev, V.A., Borisov, V.B., Klyuchikov, E.A. Stress analysis of a beam of a nonlinearly deformed base 1-29536
- Abramov, V.V.,** Zhukova, G.A., Khvatov, L.A. Data processing in magnetic monitoring of ferromagnetic tubes 1-31811
- Abramova, A.I.** *see* Bogatko, V.V. 1-39043
- Abramova, I.N.** *see* Abramov, A.P. 1-3487, 1-11827
- Abramova, L.M.,** Bondarenko, A.L., Shneyer, V.S., Garcia Briggs, J.P. Anomalies of geomagnetic variations in the coastal regions of Cuba 1-22199
- Abramova, N.V.** Investigation of the action of electrophysical factors on biological objects 1-48976
- Abramovich, B.S.,** Gurbatov, S.N. Nonstationary problems of multiple wave scattering in a one-dimensional randomly inhomogeneous medium 1-33604
- Abramovich, G.N.** Influence of large vortices on the structure of turbulent shear flows 1-19683
- Abramovich, M.** *see* Butler, M.A. 1-48867
- Abramovich, M.** *see* Juliao, J.F. 1-16358, 1-26754
- Abramovitz, I.J.** *see* Berg, N.J. 1-24362
- Abramovskii, V.A.,** Kancheli, O.V. Regge processes and chromodynamics 1-18458
- Abramowicz, H.,** Doroba, K., Kossakowski, R., Tkaczyk, S., Wroblewski, A.K., Ziemiński, A., Kisielewska, D., Muryn, B., Pawlik, B., Zieliński, W., Lubatti, H.J., Moriyasu, K., Rees, C.D., Ko, W., Pearson, J.S., Yager, P. Inclusive particle production in π^+n in interactions at high energies 1-45378
- Abramowicz, H.** *see* Eskreys, A. 1-594
- Abramowicz, H.** *see* Ko, W. 1-10263
- Abramowicz, M.A.,** Calvani, M., Nobili, L. Thick accretion disks with super-Eddington luminosities 1-49706
- Abramowicz, M.A.,** Piran, T. On collimation of relativistic jets from quasars 1-22920
- Abramowitz, H.B.** *see* Collins, J.T. 1-39985
- Abrams, G.S.,** Alam, M.S., Blocker, C.A., Boyarski, A.M., Breidenbach, M., Broll, C.H., Burke, D.L., Carithers, W.C., Chinowsky, W., Coles, M.W., Cooper, S., Couchman, B., Dieterle, W.E., Dillon, J.B., Dorenbosch, J., Dorfan, J.M., Eaton, M.W., Feldman, G.J., Fischer, H.G., Franklin, M.E.B., Gidal, G., Goldhaber, G., Hanson, G., Hayes, K.G., Himel, T., Hitlin, D.G., Hollebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Larsen, R.R., Luke, D., Luth, V., Martin, J.F., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.F., Perl, M.L., Richter, B., Russell, J.J., Scharre, D.L., Schindler, R.H., Schwitters, R.F., Shannon, S.R., Siegrist, J.L., Strait, J., Taureg, H., Tonutti, M., Trilling, G.H., Vella, E.N., Vidal, R.A., Weiss, J.M., Zacone, H. Results from the Mark II detector at SPEAR 1-10208
- Abrams, G.S.,** Alam, M.S., Blocker, C.A., Boyarski, A.M., Breidenbach, M., Broll, C.H., Burke, D.L., Carithers, W.C., Chinowsky, W., Coles, M.W., Cooper, S., Couchman, B., Dieterle, W.E., Dillon, J.B., Dorenbosch, J., Dorfan, J.M., Eaton, M.W., Feldman, G.J., Fischer, H.G., Franklin, M.E.B., Gidal, G., Goldhaber, G., Hanson, G., Hayes, K.G., Himel, T., Hitlin, D.G., Hollebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Larsen, R.R., Longo, M.J., Luke, D., Luth, V., Martin, J.F., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.F., Perl, M.L., Richter, B., Russell, J.J., Scharre, D.L., Schindler, R.H., Schwitters, R.F., Shannon, S.R., Siegrist, J.L., Strait, J., Taureg, H., Telnov, V.I., Tonutti, M., Trilling, G.H., Vella, E.N., Vidal, R.A., Videau, I., Weiss, J.M., Zacone, H. Some first results from the mark II at SPEAR 1-10242
- Abrams, G.S.,** Alam, M.S., Blocker, C.A., Boyarski, A.M., Breidenbach, M., Broll, C.H., Burke, D.L., Carithers, W.C., Chinowsky, W., Coles, M.W., Cooper, S., Couchman, B., Dieterle, W.E., Dillon, J.B., Dorenbosch, J., Dorfan, J.M., Eaton, M.W., Feldman, G.J., Fischer, H.G., Franklin, M.E.B., Gidal, G., Goldhaber, G., Hanson, G., Hayes, K.G., Himel, T., Hitlin, D.G., Hollebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Larsen, R.R., Longo, M.J., Luke, D., Luth, V., Martin, J.F., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.F., Perl, M.L., Richter, B., Russell, J.J., Scharre, D.L., Schindler, R.H., Schwitters, R.F., Shannon, S.R., Siegrist, J.L., Strait, J., Taureg, H., Telnov, V.I., Tonutti, M., Trilling, G.H., Vella, E.N., Vidal, R.A., Videau, I., Weiss, J.M., Zacone, H. First results from Mark II at SPEAR 1-50450
- Abrams, G.S.** *see* Dorfan, J.M. 1-41020
- Abrams, G.S.** *see* Himel, T.M. 1-18482
- Abrams, G.S.** *see* Scharre, D.L. 1-18485, 1-45292
- Abrams, R.** *see* Bromberg, C. 1-10266, 1-45364
- Abrams, R.B.** *see* Frederick, J.E. 1-17652
- Abrams, R.L.** Waveguide gas lasers 1-11029
- Abrams, R.L.,** Giuliano, C.R., Lam, J.F. On the equality of stimulated Brillouin scattering reflectivity to conjugate reflectivity of a weak probe beam 1-51548
- Abramson, N.** Light-in-flight recording by holography 1-15126
- Abramson, N.** *see* Dierft, I. 1-8967
- Abramyan, A.S.,** Kazaryan, R.A., Milyutin, E.R., Yaremko, Yu.I. Experimental investigation of noise immunity in noncoherent spatially separated reception of optical signals in the atmosphere 1-54242
- Abramyan, E.A.** *see* Aleksandrov, Yu.P. 1-12793
- Abramyan, V.K.,** Kastalskaya, N.N., Pichakhchi, G.I. Kinetics of the neutralization of static electricity in apparatus containing two-phase systems of gas and solid particles 1-48747
- Abramzon, B.,** Borde, I. Conjugate unsteady heat transfer from a droplet in creeping flow 1-29752
- Abrath, F.G.,** Purdy, J.A. Wedge design and dosimetry for 25-MV X-rays 1-17486
- Abrsch, U.,** Bovier, A., Lechtenfeld, O., Luling, M., Rittenberg, V., Weymans, G. Finite nonabelian subgroups of SU(n) with analytic expressions for the irreducible representations and the Clebsch-Gordan coefficients 1-5536
- Abreu, M.C.,** Berg, V., Oms, J., Heyde, K., Waroquier, M., Van Isacker, P., Wenes, G. Transition probabilities between the first excited state and the ground state in the N=81 nuclei ^{139}Ce , ^{141}Nd , ^{143}Sm and ^{145}Gd 1-23598
- Abreu, M.C.,** Ribeiro, J.P., Gil, F.B. Improved experimental method for half-life measurements by electron-electron delayed coincidences 1-23600
- Abreu, O.,** Best, G. Transmission, reflexion and absorption of visible radiation by the multiple covers of flat plate solar collectors 1-13169
- Abreu, V.J.** Lidar from orbit 1-4646
- Abriel, W.,** Rau, F., Range, K.-J. High pressure synthesis of $\text{K}_3\text{V}(\text{VO})_2$, a new compound with glaserite type structure 1-2408
- Abrikosov, A.A.** Spin glass with nonmagnetic impurities 1-12337
- Abrikosov, A.A.** Spin glasses with short range interaction 1-20986
- Abrikosov, A.A., Jr.** Instantons in quark plasma, two loop correction 1-487
- Abrikosov, A.A., Jr.** Instantons in the heated quark plasma 1-50384
- Abrikosov, N.Kh.,** Avilov, E.S., Karpinskii, O.G., Shelimova, L.E. A physicochemical investigation of solid solutions of the GeTe-MnTe system (and electrical properties) 1-47226
- Abrikosov, N.Kh.,** Avilov, E.S., Shelimova, L.E. A physicochemical investigation of alloys of the system GeTe-MnTe-PbTe in the GeTe-based solid solution region 1-16022
- Abrikosov, N.Kh.,** Ivanova, L.D., Aladashvili, M.S. Growing single crystals of Sb_2Te_3 and the solid solution $\text{Bi}_2\text{Sb}_{1-x}\text{Te}_3$ in the direction of the principal crystallographic axis 1-16679
- Abrikosov, N.Kh.,** Karpinskii, O.G., Shelimova, L.E., Avilov, E.S. Some characteristics of germanium telluride-based solid solutions 1-42529
- Abrikosov, N.Kh.,** Karpinskii, O.G., Shelimova, L.E., Avilov, E.S., Dzhabua, Z.U. Phase transitions in solid solutions of the GeTe-SnTe system 1-42530
- Abrikosov, N.Kh.** *see* Sokolova, V.M. 1-11919
- Abramovage, M.M.** *see* Valentino, A.R. 1-53707
- Abronia, I.,** Zagradnik, R., Zhidomirov, G.M. SCF MO LCAO calculations of the potential hypersurface of H_2ClF in the singlet and lower triplet states 1-33389
- Abronia, I.A.** *see* Grinvald, I.I. 1-6165
- Abrosimov, N.V.,** Brantov, S.K., Erofeeva, S.A., Zaitseva, A.K., Kopetskiy, Ch.V., Marasanova, E.A., Polisan, A.A., Ryabikov, S.V., Tatarchenko, V.A. Production of silicon ribbons from the melt by the Stepanov method and the properties of photoconverters made from such ribbons 1-31335
- Abrosimov, N.V.** *see* Shi, J. 1-30113
- Abrosimov, V.M.,** Egorov, B.N., Karandashev, V.A. A method for experimentally investigating the EMF induced by pulsed thermal fields 1-16306
- Abrosimov, V.M.** *see* Povkh, I.L. 1-11429
- Abrosimova, G.E.,** Aronin, A.S., Pankratov, S.P., Sercebraykov, A.V. Specific features of amorphous $\text{Fe}_{50}\text{B}_{50}$ alloy crystallization prepared by melt quenching from different temperatures 1-11690
- Abrosimova, G.E.,** Aronin, A.S., Pankratov, S.P., Sercebraykov, A.V. Crystallization of the Fe-B system amorphous alloys 1-47008
- Abroyan, I.A.,** Podsvirov, O.A., Sidorov, A.I., Titov, A.I. Effect of an amorphous silicon film on the anisotropy of inelastic electron reflection from silicon single crystals 1-3547
- Abroyan, I.A.,** Podsvirov, O.A., Titov, A.I. Determining the profile of structural defects by electron backscattering 1-30009
- Absar, I.** *see* Coleman, A.J. 1-24022
- Absenger, A.** *see* Blum, W. 1-12839
- Absher, K.R.** *see* Ziff, J.J. 1-18764
- Abshire, J.B.** Pulsed multiwavelength laser ranging system for measuring atmospheric delay 1-13582
- Abstreiter, G.** Electronic properties of the two-dimensional system at GaAs/Al_xGa_{1-x}As interfaces 1-7723
- Abstreiter, G.,** Stallhofer, P., Kottaus, J.P. Effects of uniaxial stress on the cyclotron resonance in inversion layers on Si(100) [MOS capacitors] 1-12203
- Abstreiter, G.** *see* Stolz, H.J. 1-38829, 1-52624
- Abt, H.A.** Are binaries concentrated toward the centers of open clusters? 1-36343
- Abt, H.A.** Visual multiples. VI. 61269, a system containing abnormal stars 1-49736
- Abt, H.A.,** Sanwal, N.B., Levy, S.G. Visual multiples. V. Radial velocities of 160 systems 1-40528
- Abt, H.A.** *see* Morgan, W.W. 1-54489
- Abtahi, A.** *see* Eswaran, H. 1-49270
- Abu el Ata, N.** Contribution to the study of planetary perturbations of the Moon 1-40364
- Abu Zeid, O.A.** *see* Teer, D.G. 1-12934
- Abu-Jarad, F.** *see* Wilson, C. 1-10611
- Abu-Shumays, I.K.** Resolution of singularities of the diamond difference approximation 1-36978
- Abu-Zeid, M.** *see* Sawan, Y. 1-47715
- Abu-Zeid, M.E.,** Lopez, J.R. Trimer exciplex emission in benzopyrene 1-10742
- Abuaf, N.** *see* Navon, U. 1-34000
- Abugov, D.I.,** Obrezkov, O.I. Acoustic wave generation and amplification by thermal processes. I. Basic relations of thermoacoustics 1-29436
- Abul-Fadl, A.,** Stefanakos, E.K., Collis, W.J. Current controlled LPE growth of $\text{In}_x\text{Ga}_{1-x}\text{As}$ on GaAs 1-35191
- Abul-Fadl, A.** *see* McPherson, J.W. 1-34650
- Abul-Magd, A.Y.** Entrance-channel angular-momentum dependence of mass transfer between heavy ions 1-23678
- Abul-Shobouh, W.** *see* Abdel-Salam, M. 1-11613
- Abulkhaev, V.D.** *see* Abdusalamova, M.N. 1-16070
- Aburakawa, H.** D-type snow depth recorder using optical fibers 1-4641
- Aburto, A.** *see* Mata, O.R. 1-41556
- Abushady, Y.** Three-dimensional diffusion burnup calculations using a one-dimensional synthesis finite element method 1-10413
- Abushenkov, I.D.** *see* Chernetiskii, V.K. 1-21670
- Abyaneh, M.Y.,** Fleishmann, M. The electrocrystallisation of nickel 1-53360
- Abys, J.A.,** Barnes, D.M., Feller, S., Rouse, G.B., Risen, W.M., Jr. Preparation of O^{17} -labelled glasses and glass precursors 1-31413
- Accorsi, R.** Water vapour electrolysis at high temperature in stabilised zirconia solid electrolyte cell 1-43821
- Acedo, H.A.,** Anger, F., Guarnieri, C.R., Liclican, L.C. Glow-discharge silicon carbon membrane nozzle 1-48276
- Acedo, H.A.,** Anger, F., Jr., Liclican, L.C. Reactive plasma-deposited silicon membrane nozzle 1-48275
- Achard, J.C.** *see* Belkhir, L. 1-3744
- Achard, J.C.** *see* Carter, F.L. 1-25205
- Achard, J.C.** *see* Godart, C. 1-26217
- Achard, J.C.** *see* Lartigue, C. 1-25204
- Achard, J.C.** *see* Lartigue, C. 1-20126
- Achard, J.C.** *see* Percheron-Guegan, A. 1-20119
- Achard, M.F.** *see* Haroufin, F. 1-38263
- Achard, M.F.** *see* Sigaud, G. 1-34224
- Achari, R.M.** *see* Misra, J.C. 1-19567
- Acharya, B.P.,** Padhy, S. Free convective viscous flow past a hot vertical plane wall with periodic suction 1-46750

- Acharya, B.S., Mukherjee, M.L. Ionic conductivity of single crystals of KCl doped with SnCl_2 1-47284
- Acharya, B.S. see Ratnam, V.V. 1-3500
- Acharya, D., Sengupta, P.R. Lamb's plane problem in micropolar-elastic medium under influence of temperature 1-29542
- Acharya, H. Possible minimum depths of large historical earthquakes in eastern North America 1-4448
- Acharya, H. Spatial correlation of large historical earthquakes and moderate shocks > 10 km deep in eastern North America 1-40072
- Acharya, H.K. Analysis of seismicity of central Luzon by pattern recognition 1-40075
- Acharya, H.N., Dutta, S.K., Banerjee, H.D. Production of magnesium silicide and silane from rice husk ash 1-12679
- Acharya, R., Narayanaswamy, P., Nigam, B.P. Spontaneous symmetry breakdown with mass splitting 1-470
- Acharya, R., Narayanaswamy, P., Nigam, B.P. Dynamical symmetry breakdown in weak interactions 1-45173
- Acharya, S.N. see Datar, V.M. 1-5743
- Acharya, V.B., Singh, B., Ghuman, B.S. Compton scattering of 145 keV gamma rays by K-shell electrons of silver 1-47112
- Acharyya, S. see Datta, S.K. 1-11490
- Achashov, N.N., Devyanin, S.A., Shestakov, G.N. The nature of scalar resonances 1-10164
- Achashov, N.N., Devyanin, S.A., Shestakov, G.N. Is there a 'signature' of the $\sigma(980)$ -meson four-quark nature? 1-14336
- Achashov, O.V., Labuda, S.A., Soloukhin, R.I., Fomin, N.A. Diagnostics of molecular states of carbon dioxide gas from resonance absorption of CO_2 -laser radiation 1-1238
- Achashov, O.V., Labuda, S.A., Soloukhin, R.I., Fomin, N.A. Determination of rotational and vibrational temperatures using a tunable CO_2 laser 1-24897
- Achatz, M. see Mullaney, P.F. 1-35862
- Achenbach, J.D., Bubenik, T. Small-scale yielding at the tip of a through-crack in a shell 1-19649
- Achenbach, J.D. see Mendelsohn, D.A. 1-27796
- Achenbach, J.D. see Ranta-Maunus, A.K. 1-14649
- Acheson, K.J. see Pahud, P. 1-17366
- Achiba, Y., Yamazaki, T., Kimura, K. Re-measurements of partial photoionization cross-sections of CH_4 , NH_3 and H_2O at 58.4 nm by He I photoelectron spectroscopy 1-46020
- Achimov, Y. Topless bottom decays and E_6 1-18477
- Achiwa, N., Kawano, S. Martensitic transformation and magnetic structures between the Sm-type and the HCP structures in Tb-light rare earth alloys 1-26460
- Achong, A. F and H solar radio emission: delayed fundamental 1-4889
- Achord, J.M. see Hussey, C.L. 1-13017
- Achrijew, A.S., Issajew, K.S., Molotkow, A.P., Karasew, W.M., Selenew, J.W. Investigation of physical properties of polymer compounds during ageing 1-39350
- Achrijew, A.S., Issajew, K.S., Tregub, A.I., Koslow, J.W., Selenew, J.W. Ultrasound adhesion of metal coated polymers 1-8528
- Achterberg, A., Norman, C.A. Particle acceleration by shock waves in solar flares 1-9453
- Achterberg, O. see Berger, C. 1-5636, 1-10209
- Achterberg, O. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Achwanen, Th. Discharge parameters in binary SF_6 mixtures 1-15578
- Achy, A.S., Rosset, R. Experimental calibration of one dimensional convective cloud model (tropical atmosphere) 1-44272
- Acierno, D., D'Amico, R., La Mantia, F.P., Russo, S. Rheological characterization of polycaprolactam anionically synthesized in the presence of lithium chloride 1-34391
- Acimis, M., Reeves, L.W. A type II aqueous cholesteric lyomesophase 1-20048
- Acimis, M., Reeves, L.W. Disc micelles in type II DM phases: short chains in long chain host bilayers 1-20049
- Acker, A., Marcout, J., Ochsenein, F. Catalog and bibliographical index of planetary nebulae (magnetic tape and microfiche) 1-49539
- Acker, A. see Mayor, M. 1-27511
- Acker, F., Fisk, Z., Smith, J.L., Huang, C.Y. Enhanced paramagnetism of TiBe_2 and ferromagnetic transitions in $\text{TiBe}_{1-x}\text{Cu}_x$ 1-47845
- Acker, F. see Ku, H.C. 1-12223
- Acker, F. see Oseroff, S. 1-47844
- Acker, F. see Oseroff, S.B. 1-34930
- Acker, L. see Muller, G. 1-48932
- Ackerhalt, J.R. Resonant laser excitation in a two-level model: a nonlinear Schrodinger equation? 1-51428
- Ackerman, H. see Berger, C. 1-10209
- Ackerman, J.L. see Pratt, R.G. 1-23282
- Ackerman, M., Lippens, C., Lechevallier, M. Volcanic material from Mount St. Helens in the stratosphere over Europe 1-9212
- Ackermann, G., Hampel, R., Korschak, K. Training of industrial engineers for nuclear power plants at the training reactor of the College of Advanced Technology Zittau 1-5843
- Ackermann, H. see Berger, C. 1-5636
- Ackermann, H. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Ackermann, H. see Buttler, W. 1-2528
- Ackermann, H. see Heijmans, P. 1-31054
- Ackermann, H. see Stockmann, H.-J. 1-31044
- Ackermann, K.P. see Guntherodt, H.J. 1-25619
- Ackermann, K.-P. see Pfleger, P. 1-39053
- Ackermann, R.A., Marusak, T.J. Development of a diaphragm stirring engine heat-actuated heat pump 1-48900
- Ackers, G.K. Energetics of subunit assembly and ligand binding in human hemoglobin 1-8797
- Ackerson, B.J., Clark, N.A. Shear-induced melting 1-35582
- Ackerson, B.J., Hanley, H.J.M. Rayleigh scattering from a methane-ethane mixture 1-12514
- Ackerson, K.L. see Frank, L.A. 1-40388
- Acket, G.A., Koelmans, H. Recent developments in semiconductor injection lasers for optical communication 1-19348
- Ackland, B.B., Lambeth, P.J., Swift, D.A. The use of the image intensifier to record the growth of electrical discharges over polluted HV insulators 1-15741
- Ackley, D.E., Engelmann, R.W.H. Twin-stripe injection laser with leaky-mode coupling 1-41694
- Ackley, D.E., Engelmann, R.W.H. High-power leaky mode multiple-stripe laser 1-41749
- Ackroyd, R. see Yarwood, J. 1-33463
- Ackroyd, R.T., Ziver, A.K., Goddard, A.J.H. A finite element method for neutron transport. IV. A comparison of some finite element solutions of two group benchmark problems with conventional solutions 1-728
- Acquista, C. Shifrin's method applied to scattering by tenuous non-spherical particles 1-6482
- Acquista, C., Holland, A.C. Energy conservation: a test for scattering approximations 1-10926
- Acquista, N. see Reader, J. 1-51152
- Acirivos, A.A., Hinch, E.J., Jeffery, D.J. Heat transfer to a slowly moving fluid from a dilute fixed bed of heated spheres 1-29686
- Acton, A., Kellner, K. The low temperature thermal conductivity of ^4He II. Measurements in the critical region 1-52374
- Acton, L. see Givaren, R.O. 1-9370
- Acton, L.W. see Catura, R.C. 1-4771
- Acton, L.W. see Nobles, R.A. 1-9365
- Acton, R.U. see Smardsky, J.E. 1-50825
- Actor, A. Properties of an instanton-anti-instanton solution of a Yang-Mills theory 1-5510
- Actor, A. Multimeron solution of the CP^{n-1} model 1-18361
- Actor, A. Classical solutions of Yang-Mills and CP^{n-1} models with scalar fields 1-18386
- Acuna, L.H. see Yeh, D.C. 1-47300
- Acuna, M.H., Ness, N.F., Connerney, J.E.P. The magnetic field of Saturn: further studies of the Pioneer 11 observations 1-40386
- Adachi, H. Molecular orbitals for chemisorption of sulfur on copper 1-26770
- Adachi, H., Kao, K.C. Dispersive optical constants of amorphous $\text{Se}_{1-x}\text{Te}_x$ films 1-43087
- Adachi, H., Taniguchi, K. Discrete variational X_α cluster calculations. IV. Application to X-ray emission study 1-26309
- Adachi, H. see Gupta, R.P. 1-48167
- Adachi, H. see Sasaki, T. 1-6417
- Adachi, H. see Tanabe, T. 1-2810
- Adachi, K., Matsui, M., Kimura, F., Omata, Y. Electron correlation and band width of d^1 pyrite compounds 1-16423
- Adachi, K., Matsui, M., Omata, Y. Hall effect and magnetoresistance of $\text{Co}(\text{S}, \text{Se}_{1-x})_2$, $0 \leq x \leq 1$ 1-38796
- Adachi, K. see Ajiro, Y. 1-39017
- Adachi, K. see Hasegawa, H. 1-20076
- Adachi, K. see Matsui, M. 1-42949
- Adachi, K. see Sugira, C. 1-53015
- Adachi, O. see Shimamura, N. 1-17333
- Adachi, S., Miyade, E., Izumitani, T. Chemical durability of optical glass 1-29362
- Adachi, S. see Itoh, Y. 1-16576
- Adachi, S. see Ohnucki, S. 1-46870
- Adachi, T., Yotsuyanagi, I. Two-component model for lepton pair production in hadron collisions 1-50454
- Adachi, T. see Fujino, T. 1-50757
- Adachi, T. see Okuyama, M. 1-13172
- Adachi, Y. see Goto, H. 1-2985
- Adachi, Y. see Kamisuki, T. 1-3380
- Adachi, Y. see Kita, Y. 1-11453
- Adak, I. see Twizell, E.H. 1-21474
- Adali, S. Optimal circular ring sector subject to inequality constraints 1-11302
- Adam, A. Relation of mantle conductivity to physical conditions in the asthenosphere 1-22274
- Adam, A. Statistical relationship between electrical conductivity distribution and fracture tectonics in Transdanubia 1-40057
- Adam, A., Billerey, D., Terrier, C., Katsumata, K., Magarino, J., Tuchenard, J. Magnetic resonance experiments in NiBr_2 at high frequencies and high magnetic fields 1-16486
- Adam, A., Marcz, F., Vero, J., Wallner, A., Duma, G., Gutdeutsch, R. EM soundings in the transitional zone between Eastern Alps and Pannonian Basin (Preliminary Report) 1-40058
- Adam, A.G. see Holt, R.A. 1-6211
- Adam, C.D. ENDOR determination of covalency in $\text{K}_2\text{NaAlF}_6\text{Fe}^{3+}$, Cr^{3+} 1-47973
- Adam, C.M. see Truman, S.D. 1-31603
- Adam, C.McL., Tan, C.W., Hogan, L.M. Structural modification of $\text{Al-Al}_3\text{Fe}$ eutectic alloys 1-53166
- Adam, E. see Sanger, P.A. 1-52732
- Adam, E. see Spencer, C.R. 1-48295
- Adam, I., Budzyak, A., Gonusek, M., Gorazhankin, V.M., Dzhelpev, B.S., Kalinnikov, V.G., Kudryavtseva, A.V., Kuznetsov, V.V., Stegailov, V.I., Shpalek, A. Radioactive decay ^{159}Er , ^{159}Ho 1-636
- Adam, I., Honusek, M., Hons, Z., Kuznetsov, V.V., Muminov, T.M., Usmanov, R.R., Budziak, A. Levels in ^{161}Tm excited in the decay of 4.2 min ^{161}Yb 1-50507
- Adam, J.A. Eigenvalue bounds in magnetotransport shear flow 1-6898
- Adam, J.C., Laval, G., Mendonca, I. Time-dependent nonlinear Langmuir waves 1-51940
- Adam, M., Bardin, G., Coadou, B., Duclos, J., Godin, A., Leconte, P., Magnon, A., Martino, J., Maurier, M., Mougeot, A., Roux, D. An ultra-pure, deuterium-free liquid hydrogen target 1-23909
- Adam, M. see Lushick, S. 1-4250
- Adam, T., Evans, J.R.G., Packham, D.E. The effect of bubbles at the interface on the adhesion of polyethylene to metals 1-17020
- Adam, W.-E. see Tarkowska, A. 1-8979
- Adamczyk, Z. Deposition of particles onto the rotating disk under transient conditions 1-35581
- Adamenko, V.Ya., Protsenko, V.F., Rogov, I.A. Dielectric properties of aqueous solutions of gelatine 1-39034
- Adametz, O. see Kvapil, J. 1-26288
- Adamiak, D.A., Saenger, W. Structure of the monopotassium salt of adenosine 5'-diphosphate dihydrate $\text{KADP} \cdot 2\text{H}_2\text{O}$ 1-17340
- Adamik, V. The analysis of nuclear excursions for a power fast reactor 1-18779
- Adamkovicova, K., Kosa, L., Proks, I. The heat of fusion of CaSiO_3 1-30365
- Adamov, D.B., Savinich, V.S. Temperature dependence of polymer film emissivity 1-11890
- Adamov, I.Yu., Antipov, V.S. Method for investigation of the temperature dependence of the complex dielectric permeability of materials at superhigh frequencies 1-16519
- Adamovich, M.I., Alexandrov, Y.A., Bolta, J.M., Bravo, L., Cartacci, A.M., Chernyavski, M.M., Conti, A., Crosetti, G., Dagliana, M.G., Dameri, M., Diambri-Palazzi, G., Di Caporiaco, G., Forino, A., Gessaroli, R., Higon, E., Kharlamov, S.P., Laronova, V.G., Llosa, R., Lory, J., Mattei, A., Meton, C., Monteleoni-Conforto, B., Orlova, G.I., Osculati, B., Parrini, G., Peresadko, N.G., Quarenghi Vignudelli, A., Ruiz, A., Romanovskaya, K.M., Sannino, M., Schune, D., Tomasini, G., Tretyakova, M.J., Chu, T., Vanderhaeghe, G., Villar, E., Willot, B., Atkinson, M., Brodebeck, T., Brookes, G.R., Bussey, P.J., Davenport, M., Dufey, J.-P., Ellison, R.J., Galbraith, W., Heintloth, K., Hutton, J.S., Hughes-Jones, R.E., Ibbotson, M., Kumar, B.R., Lafferty, G.D., Lane, J.B., Lassalle, J.-C., McClatchey, R., Mercer, D., Morris, J.V., Newton, D., Patrick, G.N., Raine, C., Schlosser, A., Storr, K.M., Waite, A.P. Observation of pairs of charmed particles produced by high-energy photons in nuclear emulsions coupled with a magnetic spectrometer 1-45317
- Adamovich, M.I. see Fiorino, A. 1-50583
- Adamovich, A., Edmonds, P.D. Ultrasonic irradiation of mouse tissues in vivo and human amniotic cells in vitro 1-53818
- Adamowicz, W. Plane waves in gauge theories of gravitation 1-36550
- Adamowski, J., Gerlach, B., Leschke, H. Strong-coupling limit of polaron energy, revisited 1-2892
- Adams, A., Hansma, P.K. Practical range and energy loss of 0.1-3 keV electrons in thin films of N_2 , O_2 , Ar, Kr, and Xe 1-20289
- Adams, A., Rendell, R.W., Garnett, R.W., Hansma, P.K., Metiu, H. Effect of metal film thickness on surface-atom coupling 1-8147
- Adams, A.C., Smith, T.E., Chang, C.C. The growth and characterization of very thin silicon dioxide films 1-7490
- Adams, A.C. see Bagley, B.G. 1-48178
- Adams, A.R., Ahmad, C.N., Pitt, G.D. Electron transport in germanium at high pressures 1-30766

- Adams, A.R., Asada, M., Suematsu, Y., Arai, S.
The temperature dependence of the efficiency and threshold current of $\text{In}_{1-x}\text{Ga}_x\text{As}_{1-y}\text{P}_y$ lasers related to intervalence band absorption 1-11004
- Adams, A.R., Pickering, C., Vinson, P.J. An apparatus for high uniaxial stress electrical investigations of semiconductors 1-18253
- Adams, A.R. see Hayes, J.R. 1-52559
- Adams, A.R. see Stubkjaer, K. 1-19333
- Adams, B.B. see Schiffer, D.E. 1-32566
- Adams, C.H. see Gelbard, E.M. 1-45570, 1-45575
- Adams, D.F. see Farwell, S.O. 1-53492
- Adams, D.J. Cosmic X-ray astronomy 1-9788
- Adams, D.L. Gauss-Seidel-Aitken perturbation expansions for interlayer multiple scattering in LEED: bootstrap acceleration method 1-46960
- Adams, D.L. see Nielsen, H.B. 1-2819
- Adams, D.M., Sharma, S.K. Spectroscopy at very high pressures. XXVII. Raman study of the second-order phase transitions in sodium nitrite and sodium nitrate 1-48075
- Adams, D.M., Williams, A.D. Spectroscopy at very high pressures-XXV. The IR spectrum of ferrocene at high pressures 1-8059
- Adams, D.M. see Berg, R.W. 1-48071
- Adams, E.D. see Schuberth, E.A. 1-16138
- Adams, F., Van Craen, M., Van Espen, P., Andreuzzi, D. The elemental composition of atmospheric aerosol particles at Chacaltaya, Bolivia 1-17640
- Adams, F. see Nullens, H. 1-47980
- Adams, F. see Pilate, A. 1-50187
- Adams, F.C., Van Craen, M.J., Van Espen, P.J. Enrichment of trace elements in remote aerosols 1-27228
- Adams, F.C. see de Jonghe, W.R.A. 1-35729
- Adams, G. see Grimes, C.C. 1-7411
- Adams, G. see Kalra, S.P. 1-28556, 1-50799
- Adams, G. see Ray, L. 1-41049
- Adams, G.S. see Bacher, A.D. 1-23542
- Adams, G.S. see Wriekat, A. 1-23659
- Adams, H.C. see Joseph, H.I. 1-36502
- Adams, J.A. see Bacastow, R.B. 1-54207
- Adams, J.E., Doll, J.D. Dynamics of ion channeling at low energies: preliminary trajectory studies 1-2538
- Adams, J.E., Doll, J.D. Desorption from solid surfaces via generalized Slater theory 1-47368
- Adams, J.E., Doll, J.D. Dynamical corrections to transition state theory adsorption rates: Effect of a precursor state 1-47382
- Adams, J.H., Jr. Automated track measurements in CR-39 1-10597
- Adams, J.L. see Botten, I.C. 1-51606
- Adams, J.P., Berta, V.T. Response of LOFT SPNDs to reactor coolant density variations during a LOCA simulation 1-45676
- Adams, J.P. see Leonard, F. 1-17430
- Adams, M.C., Bradley, D.J., Sibbett, W., Taylor, J.R. Synchronously pumped continuous wave dye lasers 1-19359
- Adams, M.C., Sibbett, W., Taylor, J.R., Welford, D. Fluorescence decay measurements using the Synchroscan streak camera and mode-locked CW dye laser 1-29030
- Adams, M.J. see Sasaki, I. 1-11142
- Adams, M.L. Non-linear dynamics of flexible multi-bearing rotors 1-1867
- Adams, N.G. see Smith, D. 1-31832, 1-36092, 1-44611
- Adams, R. see Mattei, J. 1-54511
- Adams, R.D. see Brownjohn, J.M.W. 1-37861
- Adams, R.D. see Guild, F.J. 1-37860
- Adams, R.O., Nordin, C.W., Masterson, K.D. Al-Ag alloy films for solar reflectors 1-13105
- Adams, T.R. see Hirsch, E.H. 1-8461
- Adams, W.W. see Sherman, E.S. 1-38212
- Adamski, J. see Olszewski, K.J. 1-39979
- Adamski, L., Herman, M., Marcinkowski, A. Cross section measurements of the $^{23}\text{Na}(n,2n)^{22}\text{Na}$, $^{58}\text{Ni}(n,2n)^{57}\text{Ni}$ and $^{115}\text{In}(n,n')^{115m}\text{In}$ reactions 1-14518
- Adamson, A.S. Recent implementation of NDA techniques for materials measurement, control, or verification, relevant to safeguards 1-14619
- Adamson, D.A., Gasse, F., Street, F.A., Williams, M.A.J. Late Quaternary history of the Nile 1-1728
- Adamson, M.G., Aitken, E.A. Fuel/blanket property needs for design of LMFBR elements 1-45617
- Adamson, M.G., Mignanelis, M.A., Potter, P.E., Rand, M.H. On the oxygen thresholds for the reactions of liquid sodium with urania and urania-plutonia solid solutions 1-50760
- Adamson, R.B. Effect of texture on stress corrosion cracking of irradiated Zircaloy in iodine 1-8471
- Adamson, R.B., Bell, W.L., Kelly, P.C. Neutron irradiation effects on copper at 327°C 1-2524
- Adamyani, S.A., Bezirganyan, P.A. Determination of piezodeformation direction by changing the dislocation contrast in X-ray diffraction patterns 1-3333
- Adamyani, V.M., Mitler, A.L. Calculation of soliton contribution to cross-section of elastic neutron scattering by molecular chains 1-52027
- Adan, A. see Zolomy, I. 1-30831
- Adar, E., Levin, M., Barzilai, A. Development of a self-sealing rain sampler for arid zones 1-17711
- Adar, E. see Yair, A. 1-13491
- Adar, F. see Mukherjee, S. 1-43132
- Adda, Y. see Lam, N.Q. 1-7207
- Addabbo, C., Bondre, J.R., Liao, N.S., Chon, W.Y. Dynamics of a rod bundle under forced oscillation flow reflooding 1-50802
- Addabbo, C. see Chon, W.Y. 1-5934
- Addeo, A., Nicolais, L., Busico, V., Migliaresi, C. The development of thermal energy storage systems exploiting solid-solid phase transitions 1-13181
- Addinall, E. see Ellington, H.I. 1-5056, 1-9815
- Addese, A.J. Frictional resistance of low Reynolds number flows destabilised by heat transfer 1-1916
- Addese, A.J. Anisokinetic sampling of aerosols at a slot intake 1-48751
- Addy, I. see Basu, U. 1-40682
- Adeev, G.D., Filipenko, L.A., Cherdantsev, P.A. Isotopic distribution of products in reactions with heavy ions 1-28492
- Adeev, G.D., Philipenko, L.A., Cherdantsev, P.A. Analysis of isotopic and charge distributions in reactions with heavy ions 1-36963
- Adekola, S.A. A Zernike circle-polynomial analysis of a shroud-surrounded acoustic antenna 1-46638
- Adelberger, E.G., Hoyle, C.D., Swanson, H.E., Von Lintig, R.D. $0^+ \rightarrow 0^+ \beta^+$ decay of ^{18}Ne and the determination of F 1-50555
- Adelberger, E.G., Trainor, T.A., Fortson, E.N., Chupp, T.E., Holmgren, D., Iqbal, M.Z., Swanson, H.E. A technique for measuring particle non-conservation in hydrogenic atoms 1-37352
- Adelman, S.A. Generalized Langevin theory for many-body problems in chemical dynamics: reactions in liquids 1-8531
- Adelman, S.A. see Brooks, C.L., III 1-26715
- Adelman, S.J. Spectrophotometry of peculiar B and A stars. VII. HD 6164, HD 8855, HD 11187, HD 171782, HD 190068, HD 200311, and HD 220147 1-17854
- Adelman, S.J. Spectrophotometry of peculiar B and A stars. VIII. O Aurigae 137 Tauri, 15 Cancri, 3 Hydrea, NU Cancri, 17 Comae A, and 21 Comae 1-40487
- Adelman, S.J. Spectrophotometry of peculiar B and A stars. IX. HD 5797, HD 12288, 9 Tauri, HD 81009, HD 111133, 33 Librae, and HD 216533 1-49680
- Adelman, S.J., Pyper, D.M., White, R.E. Spectrophotometry of B, A and F stars. II 1-40481
- Adelman, S.J., White, R.E. Spectrophotometry of peculiar B and A stars. VI. HD 32633, HD 34452 and HD 133029 1-17853
- Adelson, E.H. Nonlinear scale for plotting colour-matching functions 1-53781
- Adelus, J.L., Guttman, V., Scott, V.D. Effect of prior cold working on the creep of 314 alloy steel 1-3840
- Adeney, P.D. see Larkins, F.P. 1-51138
- Ader, B. see Gerschel, C. 1-45519
- Ader, J.P., Bonnier, B., Sood, S. BB widths of the diquoniums based on quark potential model 1-521
- Ader, M. see Bates, J. 1-53157
- Aderholz, M. see Allen, P. 1-14367, 1-36856, 1-36857
- Aderholz, M. see Blietschau, J. 1-10190
- Aderholz, M. see Grassler, H. 1-50414
- Aderikhin, V.I. Low-noise bolometer (RF attenuation measurement) 1-23262
- Aderikhin, V.I., Bekkerov, V.P. High-precision test installation for measuring attenuations at 0.01-100 MHz [verification of reference standards] 1-296
- Ades, D. see Dubuisson, A. 1-48318
- Adesida, I., Shimizu, R., Everhart, T.E. A study of electron penetration in solids using a direct Monte Carlo approach 1-42438
- Adetunji, J. see Chong Kim Ong 1-16251
- Adhikari, B. Mandal see Mandal Adhikari, B. Adhikari, S.K. see Tomio, L. 1-18652
- Adiga, B.B. see Aggarwal, S.K. 1-9198
- Adil'baev, M.K., Khoroshavin, L.V., Perepelitsyn, V.A., Boriskova, T.I. Interaction between zinc sinters and refractory items 1-12907
- Adishchev, Yu.N., Anan'in, P.S., Vorob'ev, S.A., Zabaev, V.N., Kalinin, B.N., Kaplin, V.V., Potylitsyn, A.P., Rozum, E.I. Observation of electron beam deflection in a curved crystalline target 1-34384
- Adishchev, Yu.N., Kaplin, V.V., Popov, D.E., Potylitsyn, A.P., Rozum, E.I., Vorobiev, S.A. Channeling radiation of 4.9 MeV electrons in crystals 1-25340
- Adishchev, Yu.N., Vorob'ev, S.A., Eponechnikov, V.N., Kaplin, V.V., Potylitsyn, A.P. Energy dependence of the γ spectra emitted by channelled electrons 1-2547
- Adjabshirizadeh, A. Solar granulation and bright dots in sunspot umbra: comparison of power spectra 1-27451
- Adjei, S.A., Dicus, D.A., Teplitz, V.L. Neutral-current two-pion production from nucleons 1-45263
- Adkhomov, A.A., Gumovsky, V.A., Lebedev, V.I. On the theory of crystals vacancy melting 1-20197
- Adkins, C.J. Electron correlation and activated Hall mobility 1-34804
- Adkins, J.S. see Green, R. 1-49190
- Adlam, J.G. see Peckover, R.S. 1-5885
- Adler, A. see Fried, B.D. 1-19888
- Adler, D. Chemistry and physics of amorphous semiconductors 1-13966
- Adler, D. Electronic structure of amorphous semiconductors 1-30615
- Adler, D. Theory of amorphous semiconductors 1-30681
- Adler, D., Mahler, Y. Measurement of fetal movements by moving-coil transducer 1-27017
- Adler, D., Silver, M., Madan, A., Czubytyl, W. Recombination mechanisms in amorphous silicon-based alloys 1-42814
- Adler, D. see Kwizera, P. 1-47460
- Adler, D. see Madan, A. 1-7662
- Adler, E. Standardisation of optical plug connectors 1-19470
- Adler, E., Stadnick, S., Rogers, H. Nickel hydrogen battery advanced development program status report 1-48826
- Adler, G.J. see Judy, P.F. 1-22120
- Adler, J. see Stewart, A.M. 1-25862
- Adler, J.G. see Konkina, M.K. 1-16383
- Adler, L. see Golan, S. 1-48592
- Adler, L. see Ho, H. 1-14536
- Adler, P.N., Schulte, R.H., Schneid, E.J., Kamykowski, E.A., Kuehne, F.J. Stress induced hydrogen redistribution in commercial titanium alloys 1-15919
- Adler, R., Jones, D., Hunsinger, B.J., Datta, S. Acoustoelectric measurement of low carrier mobilities in highly resistive films 1-47713
- Adler, R., Nation, J.A., Serlin, V. Collective acceleration of protons in relativistic electron beam propagation in evacuated drift tubes 1-50997
- Adler, R.S. see Rogers, W.L. 1-53878
- Adler, S.L. A formula for the induced gravitational constant 1-5203
- Adler, T.A. see Murali, J. 1-16873
- Adler, T.A. see Sisson, R.D., Jr. 1-26570
- Adler-Golden, S.M., Steinfeld, J.I. Vibrational energy transfer in ozone by infrared-ultraviolet double resonance 1-29005
- Adihoch, W., Lintz, H.-G., Weisker, T. Oscillations of the reaction rate in the reaction between NO and CO on platinum under Knudsen conditions 1-48737
- Adloff, J.P. see Lopez, B. 1-21753
- Adman, A. The change of electrical structure between an orogenic and an ancient tectonic area (Carpathians and Russian Platform) 1-4422
- Adolf, A., Fortier, D., Albany, J.H., Suzuki, K., Locatelli, M. Effect of internal strains on low temperature thermal conductivity of Li doped Ge 1-16120
- Adomaitis, E.J., Silalnikas, V.J. Surface conduction on silicon-silicon dioxide interface 1-42868
- Adomenas, P.V. see Rymtssev, E.I. 1-2326
- Adomian, G., Malakian, K. Operator-theoretic solution of stochastic systems 1-27874
- Adonkin, V.T. see Dekhtyar, I.G. 1-25788
- Adonts, G.G., Kanetsyan, E.G. Quadrupole rotation of polarization plane 1-28928
- Adrain, R.S., Airey, D.R., Klewe, R.C., Ormerod, E.J. Trace element line intensities in laser produced metal vapour plasmas 1-15655
- Adrain, R.S., Airey, D.R., Klewe, R.C., Ormerod, E.J., Watson, J. Remote measurement of low silicon concentration in structural components of nuclear reactors using a laser based technique 1-31958
- Adrain, R.S., Klewe, R.C., Ormerod, E.J. Robust portable computerised laser micro-spectrograph 1-21815
- Adrain, R.S., Klewe, R.C., Ormerod, E.J. Robust portable computerised laser micro-spectrograph 1-43730
- Adrain, R.S. see Watson, J. 1-42213
- Adrian, F.J. Surface enhanced Raman scattering by surface plasmon enhancement of electromagnetic fields near spherical particles on a roughened metal surface 1-43105
- Adrian, G., Witte, N. The applicability of pressure-measurements by radiosondes to calculating the height 1-49424
- Adrian, H., Muller, K., Saemann-Ischenko, G. Magnetization measurements of reentrant ferromagnetic superconductors: The pseudoternary system $(\text{Er}_{1-x}\text{Ho}_x)_2\text{B}_{12}\text{O}_{22}$ 1-20914
- Adrian, H. see Bieger, J. 1-42883
- Adrian, R.J., Buckmaster, J.D. Suppression of turbulence in magnetically stabilized ferroliquids 1-29790
- Adrian, R.J. see Hassan, Y.A. 1-19802
- Adshead, A., Lindsay, S.M. Hypersonic loss processes in poly(dimethyl siloxane) and the effects of crosslinking 1-47177

- Adukov, A.D., Ataev, B.M., Rabadonov, R.A. Kinetics of recombination radiation emitted from epitaxial zinc oxide films 1-31194
- Adunka, F., Zehetbauer, M., Trieb, L. Heterogeneous short-range order as an origin of the K-state in α -FeAl 1-25445
- Adzerikho, K.S., Antselvich, V.I. Study of radiation properties of a plane inhomogeneous two-phase medium 1-33878
- Adzerikho, K.S. see Blokh, A.G. 1-29519
- Adzhemyan, L.Ts. see Adzhemyan, L.V. 1-52964
- Adzhemyan, L.V., Adzhemyan, L.Ts., Zubkov, L.A., Romanov, V.P. Molecular scattering of light of various multiplicity 1-52964
- Adzhyan, G.S., Arian, E.A., Arutyunyan, A.S., Vartanyan, Yu.L. The charge distribution in an atom with neutron-rich supercharged nucleus 1-37320
- Aebi, U., Smith, P.R. Structural studies of biomacromolecular assemblies using image processing of electron micrographs 1-43851
- Aebi, U., Smith, P.R., Isenberg, G., Pollard, T.D. Structure of crystalline actin sheets 1-21980
- Aebi, V. see Saxena, R.R. 1-8706
- Aegerter, M.A. see Basso, H.C. 1-36739
- Aerne, T. see Bart, G. 1-50955
- Aerni, R.J. see Lasaga, A.C. 1-37125
- Aernoudt, E. see van Houtte, P. 1-21447
- Aerts, A.T., Heller, L. Potential energy of three heavy quarks in the MIT bag model 1-45218
- Aerts, L. see Vanhellemont, G. 1-14637
- Aertsen, A.M.H.J., Johannesma, P.I.M. Spectrotemporal receptive fields of auditory neurons in the grassfrog. I. Characterization of tonal and natural stimuli 1-32132
- Aertsen, A.M.H.J., Johannesma, P.I.M., Hermes, D.J. Spectrotemporal receptive fields of auditory neurons in the grassfrog. II. Analysis of the stimulus-event relation for tonal stimuli 1-32133
- Afanasyev, A.A. see Anpasevich, P.A. 1-33741
- Afanasyev, A.I., Ivanov, S.I. Longitudinal-wave instability in Brillouin flows 1-24343
- Afanasyev, A.I. see Kulakov, A.V. 1-37397
- Afanasyev, A.M., Azizian, S.L. Secondary processes accompanying X-ray diffraction. Thermal diffuse scattering 1-34187
- Afanasyev, A.M., Bogner, L., Gersonde, K., Parak, F. On the Mossbauer hyperfine spectra of paramagnetic clusters 1-34961
- Afanasyev, A.M., Torlin, B.Z. Effect of nonuniformity of fuel depletion with height on the physical characteristics of a reactor 1-28523
- Afanasyev, A.M. see Aristov, V.V. 1-15751
- Afanasyev, B.N. Calculation of the parameters defining the degree of inhibition of electrochemical reactions by surface-active materials 1-35553
- Afanasyev, I.I., Isadchenko, T.G., Nedashkovskaya, N.D. Coscopic apparatus on the base of a PKS-250 polariscopy-polarimeter 1-23290
- Afanasyev, N.I. see Makogon, M.B. 1-31563
- Afanasyev, V.A., Grynzey, V.M., Efimov, V.N., Plyutinskii, V.I., Tyufyagin, A.N. A three-pulse regulator for controlling the coolant temperature in a fast reactor under emergency conditions 1-28532
- Afanasyev, V.A. see Okhanov, V.V. 1-14939
- Afanasyev, V.I., Lipovetskii, V.A., Markaryan, B.E., Stepanyan, Dzh.A. Observations of the 6-m telescope of galaxies with ultraviolet continuum of Seyfert type 1-49804
- Afanasyev, V.I., Lipovetskii, V.A., Shapovalova, A.I. Spectrophotometry of the Seyfert galaxy Markaryan 744 1-27599
- Afanasyev, V.N. see Filimoncheva, P.I. 1-999
- Afanasyev, V.N. see Shishov, E.V. 1-15477
- Afanasyev, V.P. Calculation of the potential in the neighborhood of the axis of Cartesian two-dimensional and axisymmetrical electron-optical systems 1-41552
- Afanasyev, V.P. see Isaev, A.N. 1-53349
- Afanasyeva, V.A., Bondarev, K.T., Shvorneva, L.I., Frolova, V.P. Solubility of tripoli earth in the production of water glass 1-12711
- Afanasiadi, L.Sh. see Volkov, V.P. 1-10998
- Afanasiyev, V.L., Karachentsev, I.D., Arkhipova, V.P., Dostal, V.A., Metlov, V.G. Radial velocities of some interacting galaxies 1-32754
- Afanasyev, A.A. see Asinovsky, E.I. 1-15698
- Afanasyev, A.G. see Shamov, A.I. 1-32560
- Afanasyev, V.P. see Alkhasov, G.D. 1-45464
- Afey, Y., Leroy, C., Margolis, B. Production of the $D^*(2010)$ resonance 1-45319
- Afey, Y., Leroy, C., Margolis, B., Trischuk, J., Campbell, B.A. Neutrino production of charm 1-18469
- Afendikov, A.L., Babenko, K.I. The possibility of initiation of self-oscillatory regimes in two-dimensional Couette flow 1-29782
- Affleck, I. Quantum-statistical metastability 1-44837
- Affolter, E. see Kneubuhl, F.K. 1-33719
- Affolter, K. see Roulet, M.E. 1-30851
- Afnan, I.R., Blankleider, B. Unified theory of N-N and π -d scattering 1-5803
- Afnan, I.R., Stelbovics, A.T. Pion-deuteron optical potential 1-45539
- Afnan, I.R. see Morioka, S. 1-41083
- Afononina, N.S., Shmytko, I.M., Shekhtman, V.Sh. Symmetry properties of polydomain crystals and the mutual reversal of domains under external influences 1-7240
- Afonin, Yu.V., Orishich, A.M., Ponomarenko, A.G. Uniformity of a volumetric discharge controlled by an electron beam in a transverse magnetic field 1-15672
- Afonina, R.G., Belov, B.A., Levitin, A.K., Fel'dshcheyn, Ya.I. Existence of direct and reverse vertical currents at high latitudes 1-4711
- Afonso, G., Barlier, F., Berger, C., Mignard, F. Effect of neutral atmosphere and of the electric drag on the Lageos satellite trajectory 1-4739
- Afraimovich, E.L., Panchenko, V.A., Panyuta, I.N., Suslov, L.P., Khachaturov, A.I. Analog-digital method of obtaining Doppler spectra of short-wave radio signals in real time 1-4630
- Africano, J. see Lambert, J.V. 1-4811
- Afrikanov, I.N. see Zaluzhnyi, A.G. 1-5851
- Afrosimov, V.V., Leiko, G.A., Panov, M.N. Interaction of He^{+2} ions with hydrogen molecules 1-29109
- Afrosimov, V.V. see Zinov'ev, A.N. 1-19869
- Afsar, M.N., Bellemans, A., Birch, J.R., Chantry, G.W., Clarke, R.N., Cook, R.J., Finsy, R., Gottman, O., Goulon, J., Jones, R.G., Kaatz, U., Kestemont, E., Kilp, H., Mandel, M., Pottel, R., Rivail, J.-L., Rosenberg, C.B., Van Loon, R. A comparison of dielectric measurement methods for liquids in the frequency range 1 GHz to 4 THz 1-36679
- Afsar, M.N. see Birch, J.R. 1-37186
- Afshar, R., Saxena, S.C. Transport properties of Freon-152a and Freon-142b in the temperature range of 280-510K 1-29826
- Afzal, N. Second order effects in the wall jet 1-15524
- Afzal, N. see Banthiya, N.K. 1-29692, 1-46752
- Afzali, M. see Vinh, T. 1-39459
- Afzelius, R.W., Bergqvist, H.W. Particle traps in gas-insulated systems 1-20002
- Agababyan, E.V., Kharatyan, S.L., Nerseyan, M.D., Merzhanov, A.G. Combustion mechanism of transition metals under conditions of intense dissociation (with reference to the titanium-hydrogen system) 1-13007
- Agababyan, K., Mina, R.T., Melikyan, S.A., Tatoyan, V.T. A liquid hydrogen-deuterium target 1-28764
- Agababyan, K.Sh., Aroyan, A.A., Mina, R.T. Thermal conductivity of a mixture of helium and air 1-46844
- Agababyan, K.Sh., Mina, R.T. A universal hydrogen and deuterium liquefier 1-5321
- Agae, T.Yu. see Alekserova, S.A. 1-3998
- Agae, U.Kh., Shikhammedbekova, A.Z., Rizazeva, S.Z., Alyev, A.T. Study of the conformational equilibrium of trans-1-alkoxymethyl-2-halogenocyclohexanes by means of IR and PMR spectroscopy 1-24169
- Agafonov, B.I., Gerchikov, A.S. Photometric characteristics of photographic objects with multilayer translucent coatings 1-36721
- Agafonov, B.I., Gerchikov, A.S. Photographic chromaticity of camera lenses having multilayer antireflection coatings 1-36755
- Agafonov, M.S., Gavrilov, G.A., Gubina, L.I., Kislov, V.A., Levto, V.L., Leskov, L.V., Levin, Yu.B., Savichev, V.V., Tatarchenko, V.A., Timofeeva, N.I. Crystallization from the melt by the Stepanov method under zero-gravity conditions 1-31329
- Agafonova, K.A. see Petrovskii, G.T. 1-46596
- Agakishiev, G.N., Vovkeno, A.S., Goryachev, V.N., Mukhin, A.I. Restraints on the production cross section of neutral penetrating particles in 70-GeV/c pN interactions 1-5651
- Agalarov, D.G. see Rakhmatulin, Kh.A. 1-38619
- Agamaliyev, D.G. see Guseinov, G.D. 1-47026
- Agamalyan, N.R., Balasanyan, R.N., Harutunyan, V.E., Vartanyan, E.S. OH⁻ absorption in LiNbO₃ crystals doped with iron 1-21241
- Agamalyan, N.R. see Kaminskii, A.A. 1-31167
- Agamirova, L.M. see Alkhanlyan, A.S. 1-38041
- Aganov, R.V. see Khaibullin, I.B. 1-2485
- Agapov, N.N., D'yachkov, E.I., Khodzhibaghiy, H.G., Krylov, V.V., Kulikov, Yu.V., Kuryatnikov, E.K., Kuzichev, V.N., Makarov, L.G., Nikitaev, P.I., Sazonov, N.M., Smirnov, A.A., Stekol'shchikov, V.V., Zel'dovich, A.G. A pulsed dipole magnet made from a hollow composite superconductor with a circulatory refrigeration system [for Nuclotron Accelerator project] 1-6063
- Agarev, V.N. Photo-EMF in multilayer structures with previously charged barrier capacitances of p-n junctions 1-20817
- Agaronyan, F.A., Kel'ner, S.R., Kirillov-Ugryumov, V.G., Kotov, Yu.D. Cosmic-ray radiation associated with Bremsstrahlung of nonthermal protons and nuclei 1-36117
- Agarwal, A. see Gryte, C.C. 1-46813
- Agarwal, A.K., Singh, B.F., Rastogi, R.G. The effect of north-south component of interplanetary magnetic field (B_y) on mid-latitude geomagnetic variations 1-13730
- Agarwal, A.K., Singh, B.P., Nityananda, N. An application of complex demodulation technique to geomagnetic data and conductivity anomaly studies 1-27308
- Agarwal, A.K. see Unrau, U. 1-11158, 1-19456
- Agarwal, B.D., Joneja, S.K. Flexural fatigue of a unidirectional composite in the longitudinal direction 1-26615
- Agarwal, B.K., Sastry, C.V. Spectral-function sum rules in broken $SU_6 \otimes SU_8$ chiral symmetry 1-28243
- Agarwal, D.C. Leaky rays on parabolic optical fibers 1-6666
- Agarwal, G.C., Gottlieb, G.L. Effect of vibration on the ankle stretch reflex in man 1-4308
- Agarwal, G.S. Bistability in coherent two-photon processes 1-15207
- Agarwal, G.S. Stimulated Raman scattering in chaotic fields 1-15225
- Agarwal, G.S. Frequency-modulated spectra of coherently driven systems 1-50233
- Agarwal, G.S., Anantha Lakshmi, P. Cooperative effects in optical double resonance 1-24071
- Agarwal, G.S., Narducci, L.M., Apostolides, E. Effects of dispersion forces in optical resonance phenomena 1-45895
- Agarwal, G.S. see Shenoy, S.R. 1-47820
- Agarwal, H.M. see Rathi, S.K. 1-23651
- Agarwal, J.K., Sem, G.J. Continuous flow, single-particle-counting condensation nucleus counter 1-21786
- Agarwal, M.K., Nagireddy, K., Patel, P.D. Electrical properties of tungstenite (WS_2) crystals 1-34706
- Agarwal, M.K., Patel, H.B., Patel, J.V. Surface topographic studies of MoSe₂ single crystals 1-25539
- Agarwal, M.K., Patel, J.V., Patel, T.C. Electron microscopy of TaS₂ single crystals using weak beam technique 1-20138
- Agarwal, M.K., Reddy, K.N. Etching studies of tungstenite (WS_2) crystals in acids 1-20215
- Agarwal, M.K., Wani, P.A. Temperature dependence of electrical and thermoelectrical properties of $Mo_{1-x}W_xSe_2$ solid solutions 1-42802
- Agarwal, N.K. Flow induced by unharmonic oscillations of a solid sphere in a viscous fluid 1-11410
- Agarwal, P., Shabaik, A.H. High temperature deformation of Haynes alloy No. 188 1-39404
- Agarwal, R.C. see Pillai, P.K.C. 1-13161, 1-17244, 1-17266, 1-39816
- Agarwal, R.M., Rathore, P.S. Phonon dispersion in noble metals 1-7274
- Agarwal, R.P. see Srivastava, L.M. 1-15532
- Agarwal, R.S., Bhargava, R. A study of viscous flow between porous discs through parameter differentiation 1-34010
- Agarwal, S. Life time of the intermediate complex in a deep inelastic collision depends on the mass asymmetry of the entrance channel 1-720
- Agarwal, S. see Bhattacharyya, S. (editor) 1-9781
- Agarwal, S.B. The effect of ultrasound on the electrolytic conductivity of aqueous sulphate and nitrate solutions 1-38569
- Agarwal, S.C. see Mehra, R.M. 1-2969, 1-52585
- Agarwal, S.K., Chaudhuri, K.D. Absorption of ultrasound in the intermediate state of pure and indium doped tin 1-52705
- Agarwal, S.K. see Agarwala, A. 1-8725
- Agarwal, S.K. see Chaudhuri, K.D. 1-34707
- Agarwal, S.K. see Mehra, R.M. 1-2969
- Agarwal, S.K. see Saxena, T.K. 1-12112
- Agarwal, V.K. see Ghosh, S. 1-30330, 1-47698
- Agarwala, A., Tewary, V.K. Response of a silicon p-n solar cell to high intensity light 1-8722
- Agarwala, A., Tewary, V.K., Agarwal, S.K., Jain, S.C. Temperature effects in silicon solar cells 1-8725
- Agasjan, P.K., Drapkin, M.Y., Kamenev, A.I., Shestopalov, G.N. Heavy metals determination by chronopotentiometric control of natural and industrial sewage waters 1-32077
- Agassi, D. Polarizability enhancement in doped semiconductors near the metal-insulator transition 1-12450
- Agee, E.M. see Rothermel, J. 1-17665
- Agee, L. EPRI RETRAN development activities 1-50887
- Agee, A.N. see Bondarenko, V.S. 1-29410
- Agee, L.A., Miloslavskii, V.K. Nature of Weigert effect in thin AgI-Ag films 1-35107
- Agee, L.A. see Bedikyan, L. 1-3355
- Agee, V.P. see Ursu, I. 1-19921
- Agee, V.S. see Krishnal, M.A. 1-35447
- Ageeva, E.D., Bazarya, S.G., Novik, F.T., Trofimov, O.A. Two types of texture in photovoltaic films of cadmium telluride 1-3784
- Ageikin, D.I., Emelyanov, V.S. Power-differential method of transformation of nonelectrical quantities 1-27993
- Agekyan, V.F., Vasil'ev, N.N., Stepanov, Yu.A. Exciton screening in Cu₂O 1-42695
- Agno, H.Y. see Lilienfeld, H.V. 1-51468

- Ageron, P. *see* Golub, R. 1-50706
- Aggarwal, K., Baijal, J.S., Mendiratta, R.G. Substrate influence on the structure of thin films [Mossbauer study] 1-20581
- Aggarwal, K.K. *see* Govil, K.K. 1-35648
- Aggarwal, K.M., Setty, C.S.G.K. Energy transfer rates for electrons in the ionosphere 1-9309
- Aggarwal, K.M., Setty, C.S.G.K. Collisions and transport of electrons in the ionosphere 1-13630
- Aggarwal, K.R., Sinhasan, R., Grover, G.K. The effect of the order of Gauss quadrature on the free vibrations of plates in fluid 1-41968
- Aggarwal, M. *see* Singh, M.P. 1-42059
- Aggarwal, M.D. *see* Verma, J.K.D. 1-20296
- Aggarwal, R.L., People, R., Wolff, P.A., Larsen, D.M. Effect of magnetic field on the valley-orbit split 15 states of shallow donors in germanium 1-47581
- Aggarwal, S.K., Singal, S.P., Kapoor, R.K., Adiga, B.B. A study of atmospheric structures using solar in relation to land and sea breezes 1-9198
- Aggarwal, S.K. *see* Singal, S.P. 1-4576
- Aggashyan, R.V. *see* Pal'tsev, E.I. 1-32174
- Aggett, J., Aspell, A.C. Arsenic from geothermal sources in the Waikato catchment 1-13191
- Aggrawal, M.M. *see* Daftari, I.K. 1-45370
- Aggston, T.L. *see* Maynard, N.B. 1-36106
- Aggabossein, H., Parkinson, J.C. Quasiparticle model of deviations in the spin-flip phase of a one-dimensional spin $1/2$ Heisenberg antiferromagnet 1-47891
- Agiewka, E.L. The structure of Cu-Cd alloys obtained electrolytically on single-crystal copper cathodes 1-30598
- Agladze, R.I. *see* Dzhalishvili, M.N. 1-39287
- Agmon, P. *see* Moyer, R. 1-52608
- Agnew, J. *see* Biswas, N.N. 1-22235
- Agnew, J.E. *see* Sheahan, N.F. 1-8981
- Agnievskii, D.A. *see* Zaslavskii, R.N. 1-31674
- Agnihotri, O.P., Gupta, B.K. Cadmium stannate selective coatings prepared by spray pyrolysis 1-17269
- Agopian, G.K., Kulkarni, M.V. Determination of interstitial oxygen in silicon using internal calibration with two phonon peaks 1-26779
- Agoritsas, V. *see* Cumming, J.B. 1-50598
- Agosta, C. *see* Behringer, R.P. 1-33959
- Agostiano, A. *see* Monica, M.D. 1-42081
- Agraev, A.A., Glukhov, G.V., Chesnokova, N.N. Advanced heat-treatment methods 1-31501
- Agrafonov, Yu.V., Nauchitel', V.V., Sarkisov, G.N. Single-body correlation function of a liquid in the vicinity of a solid surface in an atom-atom approach 1-16167
- Agranat, V.M., Bertsun, V.N., Grishin, A.M. Stability of heat transfer regimes at the front stagnation point of a body in a stream of dissociated gas 1-19695
- Agranovich, V.M. The polariton mechanism of luminescence in crystals 1-12561
- Agranovich, V.M., Babichenko, V.S., Chernykh, B.Ya. Nonlinear surface polaritons 1-25647
- Agranovich, V.M., Darmanyan, S., Leskova, T.A., Rupasov, V.I. Surface polaritons in luminescence spectra of crystals 1-12559
- Agranovich, V.M., Efremov, N.A. Luminescence spectra of noncoherent Frenkel excitons at high pumping levels 1-12582
- Agranovich, Ya.S., Astrov, D.N., Medvedev, V.A., Solodukhin, A.V. Standards service for low-temperature dilatometry 1-15378
- Agarwal, A.K., Khatib-Rahbar, M. Dynamic simulation of LMFBR systems 1-41159
- Agarwal, A.K. *see* Madni, I.K. 1-23797
- Agarwal, B.K. Electronic structure of clean and metal chemisorbed diamond (111) surfaces 1-12166
- Agarwal, B.K. Vibrational modes of chemisorbed H on the W (001) surface 1-20564
- Agarwal, B.K. GeSi alloys: a study of short-range order 1-34615
- Agarwal, B.K. Aluminizing of steel by gas atomization process 1-39539
- Agarwal, B.K. Rare-gas monolayers on graphite: study of anharmonic effects 1-47355
- Agarwal, B.K. Vibrational properties of crystalline and amorphous $\text{Ge}_{1-x}\text{Si}_x$ alloys 1-52245
- Agarwal, D., Hummel, F.A. The systems $\text{Y}_2\text{O}_3\text{-P}_2\text{O}_5$ and $\text{Gd}_2\text{O}_3\text{-P}_2\text{O}_5$ 1-31436
- Agarwal, D.P. *see* Shanker, J. 1-30131
- Agarwal, G.G. *see* Shanker, J. 1-14974
- Agarwal, G.P., Flytzanis, C. Bistability and hysteresis in phase-conjugated reflectivity 1-46431
- Agarwal, G.P. *see* Pattanayak, D.N. 1-1457, 1-48111
- Agarwal, H.B. *see* Shanker, J. 1-14974
- Agarwal, H.M., Sehgal, M.L. Trends in (n, γ) cross-sections 1-28474
- Agarwal, J.P. *see* Mehendru, P.C. 1-3328, 1-8566
- Agarwal, R.C. *see* Chandra, S. 1-4209
- Agarwal, R.D., Mathur, V.N.S., Kapoor, M.L. Thermodynamics of cadmium-bearing binary substitutional solutions 1-7355
- Agarwal, R.D., Mathur, V.N.S., Kapoor, M.L. Thermodynamics of tin-bearing binary substitutional solutions 1-30425
- Agarwal, R.D., Mathur, V.N.S., Kapoor, M.L. Thermodynamics of bismuth-bearing binary substitutional solutions 1-30426
- Agarwal, R.M., Rathore, R.P.S. A non-central Fieλεκ model for lattice vibrations in platinum 1-7270
- Agarwal, R.M., Rathore, R.P.S. Modified Fieλεκ schemes and phonon dispersion in noble metals 1-30338
- Agarwal, S.C. *see* Muthusamy, K. 1-14121
- Agarwal, S.C. *see* Shanker, J. 1-25192, 1-30128
- Agarwal, S.P., Lanzarotti, L.J., Venkatesan, D., Hansen, R.T. Solar polar coronal holes and galactic cosmic ray intensities 1-40288
- Agarwal, S.P. *see* Venkatesan, D. 1-40289
- Agarwal, S.S. *see* Ahmad, A. 1-1784
- Agarwala, V.K. Explicit representation of spin-1 matrices 1-40633
- Agre, M.Ya., Rapoport, L.P. Sibbarrier resonances in the inelastic channel during slow atomic collisions in a laser field 1-29094
- Agre, V.M., Syssova, T.F., Trunov, V.K., Tafeenko, V.A., Dzionio, V.M., Berestevich, B.K. Crystal and molecular structure of 5-(2-bromo-4-methylphenyl)-3,7-dimethyl-1-propyl-1,5-dihydrobenzo[f]pyrazolo[3,4-c][1,2,5]-triazepine $\text{C}_{17}\text{H}_{22}\text{N}_4\text{Br}$ 1-25251
- Agre, V.M., Trunov, V.K., Syssova, T.F. Comparative stereochemistry of mixed polynuclear complexes with ethylenediamine and ethylenediaminetetraacetate ligands 1-20180
- Agrell, S.O. *see* Hutchison, R. 1-9439, 1-36228
- Agriinskaya, N.V., Matveev, O.A. Influence of large-scale fluctuations of the potential on the electrical conductivity of seminsulating CdTe crystals 1-20742
- Agui, C.E. *see* Onumwechili, C.A. 1-32577
- Agudin, J.L., Platzcek, A.M. Resolution of the Coulomb field into evanescent modes 1-29165
- Aguer, P. *see* Bastin, G. 1-604
- Aguero, E.L. Mass-luminosity ratio in NGC 5236 1-22887
- Aguero, G., Aicardi, J.P., Leyris, J.P. Luminescence in AgGaS₂ crystals 1-52981
- Aguiar, F.S. *see* de Aguiar, F.S.
- Aguiar, F. *see* del Aguiar, F.
- Aguiar, F. *see* Del Aguiar, F.
- Aguiar, J.R. *see* Mingteh Chang 1-54226
- Aguiar, M., Jaque, F., Agullo-Lopez, F. An heterogeneous nucleation model for the irradiation coloring of alkali halides 1-2507
- Aguiar, M., Soucase, J. Influence of the state of adaptation of one eye on the pupillary diameter of the collateral 1-8862
- Aguiar, M. *see* Gonzalo, C. 1-26276
- Aguiar, M. *see* Lopez, F.J. 1-39164
- Aguiar, M. *see* Ortega, A. 1-31209
- Aguiar Peris, J. *see* Ruiz de Elvira, A. 1-52030
- Aguiar-Benitez, M., Albajar, M.C., Ferrando, A., Rubio, J.A., Salicio, J., Sjogren, I., Rodeback, S., Holmgren, S.O., Armenteros, R., Dionisi, C., Gavillet, Ph., Losty, M.J., Lloverre, P.F., Mazzucato, M., Dobrzynski, L., Pennino, D. Study of the reactions $\pi^+ p \rightarrow K^+ \Sigma^0(1385)$ and $\pi^+ p \rightarrow K^+ \Sigma^+(1385)$ at 3.95 GeV/c 1-5646
- Aguiar-Benitez, M., Albajar, M.C., Ferrando, A., Rubio, J.A., Salicio, J., Sjogren, I., Rodeback, S., Holmgren, S.O., Armenteros, R., Dionisi, C., Gavillet, Ph., Losty, M.J., Lloverre, P.F., Mazzucato, M., Dobrzynski, L., Pennino, D. Study of the reactions $\pi^+ p \rightarrow K^+(890)A, K^+(890)\Sigma^0$ and $K^+(890)\Sigma^+(1385)$ at 3.95 GeV/c 1-23517
- Aguiar-Benitez, M. *see* Lloverre, P.F. 1-18511, 1-18512
- Aguiar-Benitez, M. *see* Mazzucato, M. 1-50462
- Aguilera-Navarro, V.C., de Liano, M., Pineda, J., Rojo, O. Possibility of abnormal fermion occupation in nuclear matter with non-local, separable interactions 1-50539
- Aguilera-Navarro, V.C., Ley Koo, E., Zimmerman, A.H. Perturbative, asymptotic and Padé-approximant solutions for harmonic and inverted oscillators in a box 1-18064
- Aguilera-Navarro, V.C., Ley Koo, E., Zimmerman, A.H. Some comments on the hydrogen atom in a spherical enclosure 1-33393
- Aguirre-Puente, J. Research on problems of freezing in disperse media 1-52262
- Agullo-Lopez, F. *see* Aguiar, M. 1-2507
- Agullo-Lopez, F. *see* Lopez, F.J. 1-39164
- Agulyanskii, A.I., Sakharov, Ya.A. Experimental unit for measuring infrared emission spectra of molten salts 1-7361
- Agurok, I.P., Zverev, V.A., Rodionov, S.A., Sokol'skii, M.N. Effect of corrector assembly and placement errors on the results of a test of the surface shape of nonspherical mirrors 1-24473
- Agvanyan, Yu.M., Yalamov, Yu.I. Diffusiophoresis of liquid drops in viscous media with due consideration of internal flows and the phase transition on their surface 1-11892
- Agyeman, K. *see* Mueller, R. 1-7579
- Agyrakakis, P., Kopelman, R. Correlated random-walk simulation in simple and binary lattices 1-183
- Abababian, N. *see* Abdrahmanov, E.O. 1-722
- Abababian, N.M. *see* Abdrahmanov, E.O. 1-722
- Ahalpara, D.P. Collective shape transition in the low-lying spectra of nuclei near N=28 region 1-23548
- Aharoni, A. Magnetostatic energy of a ferromagnetic sphere 1-37382
- Aharoni, S.M. Rigid backbone polymers. XI. Solution phase-viscosity relationship 1-15941
- Aharoni, S.M. Rigid backbone polymers. X. Transitions in bulk polyisocyanates 1-16027
- Aharoni, S.M. Rigid backbone polymers. XV. Phase transitions in polyisocyanate solution 1-38242
- Aharoni, S.M. Rigid backbone polymers. XVII. Solution viscosity of polydisperse systems 1-47274
- Aharonian, F.A., Atoyan, A.M. Cosmic gamma-rays associated with annihilation of relativistic e^+e^- pairs 1-45256
- Aharonov, Y., Knight, J.M. Spontaneously broken SU(3) symmetry in a laser 1-23452
- Aharony, A., Pytte, E. Infinite susceptibility phase in random uniaxial anisotropy magnets 1-16453
- Aharony, A., Pytte, E. First- and second-order transitions in the Potts model near four dimensions 1-32933
- Aharony, A. *see* Berker, A.N. 1-5261
- Aharony, A. *see* Blankenshtein, D. 1-26143
- Abdout, H. *see* Billia, B. 1-11705
- Ahearn, J.S. *see* Sun, T.S. 1-16628
- A'Hearn, M.F., Cowan, J.J. Vaporization in comets: the icy grain halo of Comet West 1-22732
- A'Hearn, M.F., Feldman, P.D. Carbon in comet Bradfield 19791 1-49575
- A'Hearn, M.F., Millis, R.L. Abundance correlations among comets 1-22728
- A'Hearn, M.F. *see* Millis, R.L. 1-54408
- Ahern, F.J. *see* Brown, R.J. 1-32529
- Ahern, J.E. Applications of the second law of thermodynamics to cryogenics—a review 1-14223
- Ahlborn, B., Liese, W., Mayer, F.J. Ablative acceleration of thin foils driven by thermal power fluxes 1-51809
- Ahlborn, B.A. *see* Pearson, J.B. 1-29878
- Ahlen, S.P. *see* Salamon, M.H. 1-25344
- Ahlers, G., Hohenberg, P.C., Kornblit, A. Critical thermal conductivity of ^4He for $T \geq T_\lambda$ 1-42595
- Ahlers, M. The influence of DO_2 order on the martensitic transformation in CuZnAu and CuZnAl alloys 1-26459
- Ahlers, M. *see* Bolich, J.C. 1-26456
- Ahlers, M. *see* Ghilarducci, A. 1-43400
- Ahlers, M. *see* Lovey, F.C. 1-38389
- Ahlgren, D.C., Kopelman, R. Universality and critical exponents of energy transport in binary crystals: B_{20} naphthalene 1-30639
- Ahlgren, D.R. *see* Hager, E.R. 1-2248
- Ahlgren, L., Mattsson, S. Cadmium in man measured in vivo by X-ray fluorescence analysis 1-43960
- Ahqvist, P. *see* Apell, P. 1-39170
- Ahqvist, P. *see* Cureau, I. 1-26322
- Ahlinstrom, H.G. Shiva and Nova: progress of laser fusion at Lawrence Livermore Laboratory 1-10517
- Ahluwalia, D.S., Reiss, E.L., Stickler, D.C. Sound propagation in a temporally varying waveguide 1-29425
- Ahluwalia, R.K., Doss, E.D. Quasi-three-dimensional modeling of flow in MHD channels 1-2083
- Ahluwalia, R.K., Doss, E.D. Convective heat transfer in MHD channels and its influence on channel performance 1-13148
- Ahmad, A., Agrawal, S.S. The contextual effect of intermediate consonants of the perception of final plosives 1-1784
- Ahmad, A. *see* Aziz, T. 1-10264
- Ahmad, C.N. *see* Adams, A.R. 1-30766
- Ahmad, I., Auger, J.P. Centre-of-mass and Pauli correlation corrections to proton-nucleus scattering at intermediate energies 1-45503
- Ahmad, I., Khan, A.R., Ahsan, M.Z., Zafar, M., Ifran, M., Shafi, M. Some results from small star of nuclear emulsion at 24 GeV 1-18517
- Ahmad, I. *see* Betts, R.F. 1-36958
- Ahmad, I. *see* Heelis, P.R. 1-21750
- Ahmad, I.A., Kundu, M.R. Microwave solar limb brightening 1-54448
- Ahmad, K., Burgess, J.W., Jenkins, D.J., Mabbitt, A.W., Nicklin, R. Optimised PIN photodiodes for longer wavelength fibre-optic systems 1-11172
- Ahmad, S., Singh, R. High quality dielectric film for distributed RC filters and amorphous semiconductors 1-39036
- Ahmad, S.R. Design considerations of a flat-plate capacitor discharge N_2 laser 1-4716
- Ahmad-Bitar, R. *see* Lapatovich, W.P. 1-29074

- Ahmad, G. Mean square response of a duffing oscillator to a modulated white noise excitation by the generalized method of equivalent linearization 1-1864
- Ahmadi, G. Performance of a low cost cross-wind-axis sail-wind turbine 1-13073
- Ahmadi, G. On mechanics of saturated granular materials 1-24667
- Ahmadi, G., Hirose, A. Functional calculus in strong plasma turbulence 1-34077
- Ahmadi, G., Hirose, A. Distortion of velocity gradient by anomalous viscosity 1-46871
- Ahmadzadeh, M. see Kijek, M. 1-42580
- Ahmed, A. Chemical vapour deposition. II 1-43269
- Ahmed, A. Ion implantation. III 1-47104
- Ahmed, A. see Sulek, K. 1-8912
- Ahmed, A.A., El-Batal, H.A., Ghoneim, N.A., Khalifa, F.A. Leaching of some lithium silicate glasses and glass-ceramics by HCl 1-20393
- Ahmed, A.A., El-Shamy, T.M., Sharaf, N.A. States of sulfur in alkali borate glasses 1-26227
- Ahmed, B.M., Eltayeb, I.A. On the propagation reflexion, transmission and stability of atmospheric Rossby-gravity waves on a beta-plane in the presence of latitudinally sheared zonal flows 1-17674
- Ahmed, F. see Mohan, R. 1-41158
- Ahmed, G., Blackman, J.A. Influence of defect phonon modes on hopping conduction. I. Formalism 1-20719
- Ahmed, G., Blackman, J.A. Influence of defect phonon modes on hopping conduction. II. Numerical results 1-20737
- Ahmed, H. see McMahon, R.A. 1-42401
- Ahmed, H.U., Ma, D. Seismic analysis of ZPR-6 reactor facility 1-41185
- Ahmed, I. see Aiad, A. 1-44621
- Ahmed, I. see Gunduz, G. 1-39373
- Ahmed, J.U., Daw, H.T. Environmental impacts of the production and use of nuclear energy: a summary of the United Nations Environment Programme Study 1-4369
- Ahmed, J.U., Daw, H.T. Cost-benefit analysis and radiation protection 1-23858
- Ahmed, M.A. Momentum-space representation for propagation functions in pseudoparticle fields 1-23439
- Ahmed, M.I. see Devara, P.C.S. 1-54302
- Ahmed, M.I. see Murthy, B.S. 1-22612
- Ahmed, M.J., Young, L. Comparatorless electrooptic ADC 1-1721
- Ahmed, M.J., Young, L. Proposed interferometric filters 1-1722
- Ahmed, M.K. Escape of the atmosphere of a rotating planet 1-44457
- Ahmed, N.U., Sen, A.K. Stability and control of a trap mode in synchronous orbit 1-13661
- Ahmed, S. Equilibrium configurations of some one-dimensional systems 1-49933
- Ahmed, S., Muldoon, M.E. On the zeros of confluent hypergeometric functions. III. Characterization by means of nonlinear equations 1-13993
- Ahmed, S. see Babulnam, S.M. 1-47758
- Ahmed, S.B., Sriramulu, V. Performance of a storage unit coupled to a flat plate solar collector 1-17306
- Ahmed, S. Basheer see Basheer Ahmed, S.
- Ahmed Abdalla Sayed see Abdalla Sayed Ahmed Ahmed Fakhruddin see Fakhruddin Ahmed
- Ahn, K.S., Carranza, R.A., Elwell, D., Feigelson, R.S. Crystal growth of cesium cadmium chloride CsCdCl_3 1-3610
- Ahn, K.Y., Gangulee, A. Control of garnet film properties 1-52813
- Ahn, S. see Choe, J.Y. 1-29243
- Ahn Byung-Ho see Byung-Ho Ahn
- Ahn Tae-Moon see Tae-Moon Ahn
- Ahnert, C. see Velarde, G. 1-18897
- Ahrendts, J. Reference states 1-17084
- Ahrens, F.W., Sharma, A., Ragsdale, K.M. Optimal design of compressed air energy storage systems 1-35711
- Ahrens, H. see Gaggeler, H. 1-18666
- Ahrens, J. see Leicht, R. 1-37053
- Ahrens, K. The magnetoelastic interaction of optical phonons in $\text{Ce}_2\text{La}_{1-x}\text{F}_3$ single crystals 1-26216
- Ahrens, L.A. see Day, C.T. 1-45312
- Ahrens, T.J. Shock wave data and the composition of the Earth's core 1-44156
- Ahrens, T.J. see Somerville, M. 1-44170
- Ahrlich, U. see Rylander, R. 1-6713
- Ahsan, M.Z. see Ahmad, I. 1-18517
- Ahsan, Z., Husan, S.I. On (F, g, r, S)-structure in general relativity 1-5180
- Ahsbaha, H. see Lochner, K. 1-15946
- Ahuja, I.S., Singh, R., Yadava, C.L. Structural information on cobalt(II), nickel(II), copper(II), zinc(II), silver(I) and cadmium(II) nitrate complexes with hexamethylenetetramine from their magnetic moments, electronic and infrared spectra 1-10717
- Ahuja, I.S., Tikoo, P.K., Singh, R. IR spectral evidence for polymeric 7-coordinated U(IV) 1-19091
- Ahuja, K.K. see Salikuddin, M. 1-6732
- Ahuja, S.D., Stroup, S.L., Bolin, M.G. Semi-empirical model for depth dose distributions of megavoltage X-ray beams 1-9024
- Ahuja, S.K. Dynamic melt viscoelastic behavior of random copolymers 1-33988
- Al, B. see Aktik, M. 1-7741
- Ai Viet Nguyen see Nguyen Ai Viet
- Aiadi, A. Ultraviolet, visible and infrared optical depths inside an interstellar dust cloud 1-40550
- Aiadi, A., El-shalaby, A.A., Ahmed, I. Contraction of massive interstellar clouds and the formation of stars 1-44621
- Aiba, S. see Kai, K. 1-13696, 1-54373
- Aibergenov, T.A., Antonov, A.V., Isakov, A.I., Mikerov, V.I. Reflection of ultracold and very cold neutrons from strongly absorbing substances 1-10404
- Aicardi, J.P. see Aguer, G. 1-52981
- Aicardi, J.P. see Poure, A. 1-43188
- Aida, T. see Yoshihara, K. 1-39907
- Aidun, R. see Arajs, S. 1-25697
- Aiello, I., Rosati, G., Serra, G., Manca, M. Comparative statistical analysis of the parameters of the motor unit potentials recorded by semi-automatic and manual methods 1-53774
- Aifantis, E.C. Further comments on the problem of heat extraction from hot dry rocks 1-19549
- Aifantis, E.C. On the problem of diffusion in solids 1-34499
- Aiginger, H. see Vana, N. 1-3512
- Aiginger, H. see Wachter, W. 1-3510
- Aiginger, H. see Wobraschek, P. 1-48773
- Aihara, A. Anomalous vapour pressure of N-benzylaniline in relation to its molecular flexibility and hydrogen bonding 1-42525
- Aihara, H., Chiba, J., Fujii, H., Fujii, T., Iwasaki, H., Kamae, T., Nakamura, K., Sumiyoshi, T., Takada, Y., Takeda, T., Yamauchi, M., Fukuma, H., Takeshita, T. Search for the narrow S-resonance in a measurement of pp total cross section using wire chambers 1-45336
- Aihara, J.-I., Araya, K., Chiba, K., Matsunaga, Y. Characterization of intramolecular charge-transfer transitions: 2,2-dicyanovinylaromatics 1-33578
- Aihara, M. New photon-echo phenomena in a localized-electron phonon system 1-33775
- Aikala, O. A practical method of inverting the metric matrices of crystals 1-20606
- Aikawa, M. see Turro, N.J. 1-21744
- Aikawa, Y. see Takashige, M. 1-42310
- Aiken, J.G., Erdos, J.A., Goldstein, J.A. On Lowdin orthogonalization 1-28841
- Aiki, K. see Hirao, M. 1-1585
- Aiki, K. see Nakashima, H. 1-15288
- Aikman, G.C.L. see Cowley, C.R. 1-44534
- Aime, C., Kadiri, S., Ricort, G. The influence of scanning rate in sequential analysis of a speckle pattern. Application to speckle boiling 1-15080
- Aimonino, P. see Leger, J.M. 1-34731
- Ainbinder, S.B., Andreeva, N.G. Effect of 'running in' the friction surface on the wear mechanism of polyethylene-based compositions 1-12882
- Aindow, A., Dewhurst, R.J., Hutchins, D.A., Palmer, S.B. The efficient production of acoustic pulses at free metal surfaces by Q-switched lasers 1-30331
- Aindow, A.M., Dewhurst, R.J., Hutchins, D.A., Palmer, S.B. Laser-generated ultrasonic pulses at free metal surfaces 1-46641
- Aine, C. see Squires, N. 1-32136
- Ainger, F.W. see Whitmore, R.W. 1-5375, 1-34988
- Ainscough, J.B., Rigby, F., Hartley, C.D. Isothermal grain-growth kinetics in sintered uranium dioxide 1-45626
- Ainscough, J.B., Rigby, F., Heigh, E.A. The hot pressing of cubic europia 1-16742
- Ainscough, J.B. see Sawbridge, P.T. 1-20259
- Ainslie, D.S. Inversion of electrostatic charges in a cylindrical electrophorus 1-13979
- Ainslie, P.J., Boston, J.R. Comparison of brain stem auditory evoked potentials for monaural and binaural stimuli 1-17403
- Ainsworth, T. see Chaudhri, M.A. 1-17471
- Ainsworth, W.A. Effects of asynchronous presentation on the perception of split-formant syllables 1-11255
- Airapetov, E.A. see Abramov, B.M. 1-992
- Airey, D.R. see Adrain, R.S. 1-15655, 1-31958
- Airey, R. see Briggs, A. 1-39527
- Airoldi, G. Mechanical properties and acoustic emission in A 533 B steel in temperature range 24-288°C 1-31546
- Airoldi, G. Micromechanisms of crack extension in A302 steel at upper-shelf region 1-43501
- Airyann, E.A. see Adzhyan, G.S. 1-37320
- Ait Ba Sidi, M. see Dorlot, J.-M. 1-22044
- Aita, C.R., Lad, R.J., Tison, T.C. The effect of RF power on reactively sputtered zinc oxide 1-42648
- Aita, C.R., Purdes, A.J., Lad, R.J., Funkenbusch, P.D. The effect of O_2 on reactively sputtered zinc oxide 1-16686
- Altink, J.W. see Arnolds, D.E.A.T. 1-49138
- Aitken, D.K., Roche, P.F., Spenser, P.M. 8-13 μm spectrophotometry of V1016 Cyg and the shape of the 'silicate' feature 1-4923
- Aitken, E.A. see Adamson, M.G. 1-45617
- Aitken, G.J.M. Synchronous detection of randomly phase-modulated interferograms 1-41557
- Aitken, K.L., Mair, G.L.R. Emission characteristics of a liquid caesium ion source 1-5435
- Aitken, M., Bussell, G., Voice, E. Thermoluminescence dosimetry at 250°C using natural fluorite 1-6092
- Aitken, M.J. see McKeever, S.W.S. 1-9434
- Aitken, T.W. Construction of a 30 MV DC generator using 150 tonne SF_6 1-10557
- Aivazov, M.I., Aleksandrovich, S.V., Evseev, B.A., Koropova, O.Yu., Mkrtychyan, V.S. Physical properties of solid solutions $\text{Sm}_x\text{Ce}_{1-x}\text{B}_6$ 1-47841
- Aivazov, M.I., Aleksandrovich, S.V., Evseev, B.A., Sorokin, V.N., Tsarev, O.M. Isostructural phases of samarium hexaboride 1-38342
- Aivazov, M.I., Aleksandrovich, S.V., Mkrtychyan, V.S. Magnetic susceptibility of $\text{Ce}_2\text{La}_{1-x}\text{B}_6$, $\text{Ce}_2\text{Eu}_{1-x}\text{B}_6$, $\text{Sm}_2\text{La}_{1-x}\text{B}_6$, and $\text{Sm}_2\text{Ce}_{1-x}\text{B}_6$ solid solutions 1-25906
- Aivazov, M.I., Danil'chenko, V.A., Evseev, B.A., Tsarev, O.M. Influence of synthesis conditions on crystal structure of MoS_2 1-7141
- Aizatskii, N.I. Excitation of regular oscillations in anisotropically bounded plasma by a high-current relativistic electron beam 1-29887
- Aizawa, K. see Sano, M. 1-15476
- Aizawa, M., Kato, S., Suzuki, S. Electrochemical typing of blood using affinity membranes 1-22172
- Aizawa, M., Ohsawa, Y., Sato, K., Kamimura, T., Sekiguchi, T. Particle simulation studies on behaviour of rapidly-expanding high-beta plasma column in a uniform magnetic field 1-19952
- Aizawa, M., Sekiguchi, T., Ohsawa, Y., Sato, K., Kamimura, T. Particle simulation studies on behavior of laser-produced high- β plasma in a magnetic field 1-2229
- Aizawa, M. see Matsuoka, H. 1-21772
- Aizawa, T., Yagawa, G., Ando, Y. Creep and fatigue fracture of austenitic stainless steel plate of type 304 with a crack 1-39366
- Aizawa, T. see Sato, K.I. 1-6983
- Aizawa, Y. see Kikuchi, Y. 1-1712
- Aizeman, M., Delyon, F., Souillard, B. Lower bounds on the cluster size distribution 1-23119
- Aizenberg, A.N. Determination of the concentration of total and free carbon in refractory materials in an AN-29 rapid analyzer 1-31803
- Aizenberg, A.N., Kushnirskii, G.M., Landa, Ya.A., Norkina, A.S., Tsakunova, E.V., Sukhov, N.K. A new state standard for letter symbols of terms used in testing refractories 1-31802
- Aizenberg, I.A., Chernov, A.A. Formation of crystal nuclei from the vapor on microcrystals. I. Method. Probabilistic character of nucleation 1-2375
- Aizenberg, I.A., Chernov, A.A. Formation of crystal nuclei on microcrystals from the vapor. II. Nucleation mechanism 1-31325
- Aizenberg, I.B., Eskin, L.D. Maxwell's effect in polymer solutions at large velocity gradients 1-48029
- Aizenbud, B.M. see Band, Y.B. 1-28978
- Aizenman, M., Lieb, E.H. The third law of thermodynamics and the degeneracy of the ground state for lattice systems 1-40721
- Aizenman, M., Martin, P.A. Structure of Gibbs states of one dimensional Coulomb systems 1-23101
- Aizenman, M., Simon, B. Local Ward identities and the decay of correlations in ferromagnets 1-3182
- Aizin, L.B., Volodin, A.G. Stability of the boundary layer above the surface of a wave travelling over a plate 1-15472
- Aizu, K. Theoretical investigation of the variety of first-order transitions between prototypic and ferroic phases 1-42509
- Ajaja, O., Howson, T.E., Purushothaman, S., Tien, J.K. The role of the alloy matrix in the creep behavior of particle-strengthened alloys 1-3900
- Ajaja, O. see Purushothaman, S. 1-12838
- Ajakaiye, D.E. see Verheijen, P.J.T. 1-17646
- Ajanas'ev, Yu.V., Gamalii, E.G., Demchenko, N.N., Krokhin, O.N., Rozanov, V.B. Theoretical investigation of the hydrodynamics of spherical targets with account of refraction of the laser radiation 1-15635
- Ajayi, G.O. Variations in the residual range error of the NAVSAT positioning system due to the Earth's magnetic field 1-44357
- Ajayi, G.O., Hedberg, A., Hamberg, G. Accurate determination of ionospheric effects on satellite-based positioning systems in terms of residual range error 1-13636

- Ajinenko, I.V., Belokopitov, Y.A., Chliapnikov, P.V., Gerdnyukov, L.N., Kniazev, V.V., Kurnosenko, A.I., Likhoded, A.K., Perevozchikov, V.M., Riadovikov, V.N., Rybin, A.M., Tchikilev, O.G., Tchuknikhin, V.F., Uvarov, V.A., Vorobjev, A.P. Inclusive production of Ξ and Ξ^* in K^+ p interactions at 32 GeV/c 1-23252
- Ajinenko, I.V., Bryzgalov, V.V., Chliapnikov, P.V., Gerdnyukov, L.N., Kniazev, V.V., Nikolaenko, V.N., Tchikilev, O.G., Uvarov, V.A., Barth, M., De Wolf, E.A., Verbeure, F., Van Immerseel, M., Dujardin, C., Grand, F., Cochet, C., Mosca, L., Vilanova, D. Inclusive K^+ *(892) and K^0 *(892) production in K^+ p interactions at 32 GeV/c 1-5667
- Ajinenko, I.V., Chliapnikov, P.V., Gerdnyukov, L.N., Kniazev, V.V., Perevozchikov, V.M., Riadovikov, V.N., Tchikilev, O.G., Uvarov, V.A., Vorobjev, A.P., Barth, M., De Wolf, E.A., Van Immerseel, M., Verbeure, F., Grand, F., Kesteman, J., Windmolders, R., Facchini-Turluer, M., Givernaud, A., Mosca, L., Vilanova, P. Observation in K^+ p interactions at 32 GeV/c of a narrow state at 2145 MeV/c² decaying into $\phi\pi^+$ 1-592
- Ajinenko, I.V. see Denegri, D. 1-28356
- Ajinenko, I.V. see Saudraix, J. 1-5666
- Ajro, Y., Adachi, K., Sharyo, T. Temperature dependence of spin cluster resonance intensity 1-39017
- Ajitnand, N.N. Calculation of the effects of electronic threshold and pulse height walk on observed neutron time-of-flight distributions 1-1892
- Ajitnand, N.N., Iyengar, K.N. A technique for the rapid enlargement of fission fragment tracks in lexan polycarbonate 1-1890
- Ajmera, R.C. see Kohli, C.K. 1-43861
- Akabari, R.P. see Patel, I.C. 1-36437
- Akagawa, K., Sakaguchi, T., Fujii, T., Nakatani, Y., Nakaseko, K., Ito, J. Horizontal liquid film-mist two-phase flow. I. Concentration distribution and diffusivity of entrained liquid droplets 1-24865
- Akagi, H., Uryu, N. The cluster approach with effective field approximation to exchange coupling in layer-type compound $\text{Cu}(\text{NH}_3)_2\text{CO}_3$ 1-38923
- Akagi, J. see Takeda, Y. 1-2387
- Akagi, K. see Kato, H. 1-41299
- Akagi, K. see Shiraishi, T. 1-26997
- Akagi, S. Formation of solid products in alcoholic solution contained in soda-lime-silica glass bottle 1-21618
- Akahane, T. Evaluation of crystal size and lattice distortion by integral X-ray line breadths of poly(vinyl alcohol) film 1-30104
- Akahane, T., Mochizuki, T. Planar orientation of crystallites in rolled polyethylene film 1-31481
- Akahane, T. see Fujimori, A. 1-26358
- Akai, H. see Jo, T. 1-38943
- Akai, M., Inoue, A., Aoki, S. The prediction of stratified two-phase flow with a two-equation model of turbulence 1-29759
- Akai, S. see Nishida, Y. 1-48251
- Akaishi, K., Kabeya, Z., Miyahara, A., Sagara, A., Takagi, K., Tsuchida, H. Surface characterization of TiB_2 coated on a molybdenum substrate 1-25583
- Akaishi, K. see Kabeya, Z. 1-27930
- Akaishi, K. see Sagara, A. 1-25560
- Akaishi, M., Kanda, H., Sato, Y., Setaka, N., Osawa, T., Fukunaga, O. Sintering mechanism of diamond 1-35214
- Akaishi, M. see Kanda, H. 1-20520, 1-35169
- Akaishi, Y. see Lim, T.K. 1-1427
- Akaishi, Y. see Nakaichi-Maeda, S. 1-32874
- Akaka, W.H., Houck, B.A. The use of an ultrasonic monitor for recording locomotor activity 1-44053
- Akama, K. Magnetic moments of composite leptons and quarks in a dynamical subquark model 1-33157
- Akama, K. see Terazawa, H. 1-14339
- Akama, M. see Nishiya, I. 1-4356
- Akamatsu, T. see Shinohara, K. 1-45956
- Akao, F. see Miyasato, T. 1-16443, 1-34751
- Akao, M. see Ki Dong Oh 1-48373
- Akao, Y. see Taki, K. 1-24536
- Akaogi, M., Akimoto, S. High-pressure stability of a dense hydrous magnesium silicate $\text{Mg}_{21}\text{Si}_4\text{O}_{42}\text{H}_2$ and some geophysical implications 1-44167
- Akaogi, M. see Akimoto, S. 1-32405
- Akasaka, K. see Ueyama, N. 1-21571
- Akashi, K., Yamamoto, T., Murata, M., Kuroda, M. Double pulsed holography for measuring relative phases of vibrating objects 1-1533
- Akasofu, A.-I. see Lui, A.T.Y. 1-36105
- Akasofu, S.-I. Study of individual geomagnetic storms in terms of the solar wind 1-9333
- Akasofu, S.-I., Byung-Ho Ahn, Kisabeth, J. Distribution of field-aligned currents and expected magnetic field perturbations resulting from auroral currents along circular orbits of satellites 1-40250
- Akasofu, S.-I., Kan, J.R. Dayside and nightside auroral arc systems 1-17720
- Akasofu, S.-I. see Lui, A.T.Y. 1-36029
- Akat'ev, Yu.N., Babkina, T.V., Vizen, F.L., Grigor'yants, V.V., Pustovolt, V.I., Sosnin, V.P. Experimental investigation of the time dispersion of light pulses in fiber waveguides at 0.63 μ wavelength 1-1714
- Akatsuka, T., Kubo, T., Takatani, O. An interactive system for quantitative reading of biomedical images 1-53837
- Akau, R.L., Schoenhals, R.J. The second law efficiency of a heat pump system 1-17235
- Akazaki, M., Muraoka, K., Hamamoto, M. Diagnostics of K^+ nuclear spark using a two-wavelength interferometry 1-15739
- Akazaki, M., Nishijima, K., Hara, M. Discharge processes during glow to arc transition of impulse breakdown in $\text{N}_2\text{-O}_2$ gas mixtures at low pressures 1-15715
- Akazaki, M. see Fujiyama, H. 1-19886
- Akazaki, M. see Hamamoto, M. 1-42230
- Akazaki, M. see Kudo, K. 1-19932
- Akazaki, M. see Muraoka, K. 1-15152
- Akazawa, H. see Nagai, K. 1-242
- Akbarzadeh, H. see Nagata, S. 1-16455
- Akbay, U., Becker, E., Krozer, S., Sponagel, S. Instability of slow viscometric flow 1-19758
- Akben, M.G., Weiss, I., Jonas, J.J. Dynamic precipitation and solute hardening in a V microalloyed steel and two Nb steels containing high levels of Mn 1-26462
- Akdeniz, K.G. 'Magnetic monopole on projective space' 1-10087
- Akdeniz, K.G., Goodman, M., Percacci, R. Monopoles and twisted sigma models 1-14238
- Akdeniz, K.G., Hortacsu, M. Functional determinant for the Thirring model with instanton 1-18363
- Ake, T.B., Greenstein, J.L. Four probable late subdwarfs with extreme metal deficiency 1-22793
- Ake, T.N., McAndrew, G., Whitney, D.D. Fuel cycle extension by part-length control rod removal at Rancho Seco 1-50852
- Akechi, K. see Hanawa, K. 1-35218
- Akella, J., Johnson, G., Schock, R.N. Phase transformations in americium at high pressure: relation to rare earth elements 1-38529
- Akeret, R. A fully annealed AlMgZn alloy, free of stretcher strain marks and of stress corrosion 1-3773
- Akers, G.R. Formulation and development of a generalized solution for equations governing elastic wave propagation in an arbitrary, inhomogeneous, lossy medium 1-29438
- Akersten, S.I. see Orhaug, T. 1-17704
- Akesson, T. see Cockerill, D. 1-14742
- Akhababya, N.O., Simich, N.L., Grishin, V.G. Multinucleon interactions of protons with carbon and tantalum nuclei at $p=2.3, 4.2$, and 9.9 GeV/c 1-36875
- Akhababyan, N. see Angelov, N. 1-18689
- Akhababyan, N.O., Grishin, V.G., Simich, N.L. Many-nucleon interactions of hadrons with nuclei and the additive quark-parton model 1-45510
- Akhalya, T.G. see Grigorenko, Y.M. 1-15404
- Akhavan-Rezayat, A., Palmer, R.B.J. Range-energy relations and stopping powers of organic liquids and vapours for alpha particles 1-11796
- Akhiezer, I.A., Davydov, L.N. Theory of electronic stopping of heavy ions in metals 1-3560
- Akhiezer, I.A., Davydov, L.N. A relation between the ordering tendency and the magnitude of slow swelling of alloy 1-35250
- Akhillesh Kumar Jain, Upreti, G.C. EPR study of aggregation of Mn^{2+} - Na^+ vacancy dipoles and precipitation of Mn^{2+} in single crystals of orthorhombic NaNO_2 1-42375
- Akhmanov, S.A., Varokin, V.N., Gordienko, V.M., Mikheenko, A.V. Efficient third-harmonic generation at vibrational-rotational resonances in gaseous CD_4 1-33760
- Akhmed, M.R. see Demidov, A.M. 1-45447
- Akhmediev, N.N. Role of spatial dispersion in the absorption of light by excitons 1-12041
- Akhmedov, A.N. see Abidinov, A.Sh. 1-47700
- Akhmedov, B.N. see Nurgozhin, N.N. 1-1008
- Akhmedov, D., Bezhan, N.P., Bert, N.A., Konnikov, S.G., Kuchinskii, V.I., Mishurnyi, V.A., Portnoi, E.L. Effect of internal strain on the polarization of the emission in InP-InGaAsP heterojunction laser structures 1-51483
- Akhmedov, D., Bezhan, N.P., Kuchinskii, V.I., Mishurnyi, V.A., Portnoi, E.L., Russu, E.V., Smirnitkii, V.B. InGaAsP-InP heterojunction laser with corrugated waveguide layer 1-51484
- Akhmed'yanov, M.A., Popalkovskaya, L.K., Morozov, V.N., Drovok, V.G. Optimization of the conditions for the measurement of the atomic absorption signals of millisecond duration formed upon the atomization of powdered samples in UHF discharge 1-349
- Akhmedzhanov, F.R., Lemanov, V.V., Nasyrov, A.N. Acoustic-damping surfaces in crystals 1-42456
- Akhmeteli, A.M., Kudryavtsev, I.K., Shumovsky, A.S. Some exact results for the Ising model with spin-phonon interaction 1-34842
- Akhmetov, M.A., Kusainov, Zh.A., Mukashev, B.N., Nusupov, K.Kh., Smirnov, V.V. Characteristic features of implantation of low-energy phosphorus ions in silicon 1-2487
- Akhmetshin, A.M., Bartashevskii, E.L., Durnev, I.V. Evaluation of signals from flaws against the background of structural and measurement noises in the near zone of UHF inspection: the method of adapted filtering 1-4038
- Akhoury, R., Weisberger, W.I. Self-consistent solutions for fermions in constant $\text{SU}(2)$ gauge potentials 1-10070
- Akhrem, A.A. see Yereim, A.N. 1-35754
- Akhtar, D., Goel, T.C., Vankar, V.D., Chopra, K.L. Formation of metastable solid solutions in the Pb-Ge system 1-21418
- Akhter, P., Venables, J.A. Observation of a registered phase in $\text{Cs}_2\text{W}(\text{W}10)$ 1-34580
- Akhter, P., Venables, J.A. SEM observations of caesium monolayers on polycrystalline tungsten 1-52428
- Akhter, P. see Harland, C.J. 1-33079
- Akhundova, E.A., Dodonov, V.V., Man'ko, V.I. Exact solution of a certain nonlinear partial differential equation 1-9848
- Akhutkina, A.I. see Chetkin, M.V. 1-25977
- Aki, K. Scattering and attenuation of shear waves in the lithosphere 1-27088
- Aki, K. see Bouchon, M. 1-53987
- Aki, T. see Koga, H. 1-3971
- Akiba, E.-I., Fujisaki, H. On the angular dependence of high-energy proton-proton diffraction dissociation 1-5654
- Akiba, M. see Horike, H. 1-23920
- Akiba, R., Fwu-Hen Liann, Matsuo, H., Uesugi, K., Ichikawa, M. Orbital design and technological feasibility of Halley mission 1-27358
- Akiba, Y., Kurosu, T., Noda, K., Sai, K., Iida, M. A criterion for the occurrence of negative resistance in p-n diode with deep impurity level [Si: Au] 1-20860
- Akhihara, R., Murphy, R.J., Foner, S. Fabrication of multifilamentary Nb-Al by a powder metallurgy process 1-48297
- Akhihara, R., Murphy, R.J., Foner, S. Nb-Al multifilamentary superconducting composites produced by powder processing 1-48300
- Akimchenko, I.P., Zavetova, M., Krasnopetsev, V.V., Rasulova, G.K., Chernook, S.G. Influence of ion implantation on the photoconductivity of GeS 1-30780
- Akimenko, S.V. see Akishin, A.I. 1-26123
- Akimitsu, M. see Mizoguchi, T. 1-26090
- Akimoto, H. see Inoue, G. 1-37246
- Akimoto, H. see Washida, N. 1-4059
- Akimoto, S., Akaogi, M. The system $\text{Mg}_2\text{SiO}_4\text{-MgO-H}_2\text{O}$ at high pressures and temperatures—possible hydrous magnesian silicates in the mantle transition zone 1-32405
- Akimoto, S., Hamaya, N., Yagi, T. Energy dispersive type X-ray diffraction at high pressure: application to kinetics of high-pressure phase transformation 1-30384
- Akimoto, S. see Akaogi, M. 1-44167
- Akimoto, S.-I. see Yagi, T. 1-38528
- Akimoto, Y. see Taki, T. 1-29252
- Akimov, A.V., Kaplyanskiy, A.A. Mode dependence of resonance absorption of ballistic phonons in $\text{CaF}_2\text{-Eu}^{2+}$ crystals 1-52248
- Akimov, G.G. see Ustinov, V.M. 1-30256
- Akimov, G.Ya., Strel'tsov, V.A., Zaitsev, V.I. Enhancement of double cross slip by hydrostatic pressures applied to cubic alkali halide crystals 1-25286
- Akimov, G.Ya., Zaitsev, V.I., Strel'tsov, V.A. Work hardening of hydrostatically compressed single crystals 1-31486
- Akimov, G.Ya. see Galkin, A.A. 1-34354
- Akimov, I.M. see Demidov, K.B. 1-23357
- Akimov, V.A. see Bondar', V.I. 1-20179
- Akimov, Yu.K., Gaissak, I.I., Guber, F.F., Krasnov, V.A., Kurepin, A.B., Merzlyakov, S.I., Oganesyan, K.O., Pasuk, E.A., Porokhovoi, S.Y., Reshetin, A.I. Production of π^+ mesons in low energy proton collisions with nuclei C and Cu 1-41115
- Akimov, Yu.K., Gornov, G.G., Gurov, Yu.B., Krykanova, G.A., Morokhov, P.V., Oganesyan, K.O., Osipenko, B.P., Pechurov, A.V., Pichugin, A.P., Ponomov, A.K., Porokhovoi, S.Y., Sergeev, F.M. Charged-particle energy measurement with a layered semiconductor device 1-37059
- Akimune, H. see Ikeda, I. 1-38133
- Akin, J.E. Computational methods for local singularities 1-23013
- Akinfiev, V.P., Gellerman, A.D., Bronnikov, V.K. Experience in assimilating the design capacity of the first line of the Chernobyl nuclear power plant 1-5913

- Akino, Y., Daigo, M., Kato, S., Kono, K., Miyachi, T., Toshioka, K., Watanabe, K. Narrow spacing drift chamber 1-41273
- Akin'yan, S.T., Zhulina, Ye.M., Chertok, I.M. Estimates of PCA from the characteristics of solar radio bursts 1-22575
- Akshiev, A.Kh., Babin, P.N. A scanning electron microscope study of refractory structures 1-31468
- Akishige, Y., Ohi, K. Identification of photochemical absorption in KTaO₃ doped with Ni and Fe 1-26239
- Akishin, A.I., Akimenko, S.V., Berbash, N.V., Ivanov, L.I., Orlov, N.F., Tyutrin, Yu.I., Yanushkevich, V.A. Electrical breakdown under the action of a shock wave in optical glasses containing space charge 1-26123
- Akita, K. see Nakajima, K. 1-43279
- Akita, S. see Tanaka, S. 1-39422
- Akitaya, E., Endo, Y. Regional characteristics of the snow cover in Hokkaido 1-9186
- Akitaya, E. see Ishikawa, N. 1-9188
- Akitsu, T. see Amagishi, Y. 1-46886
- Akiyama, H., Takeda, S. Nonlinear interaction of high frequency electromagnetic field with a plasma 1-2196
- Akiyama, H. see Nishimura, J. 1-22505
- Akiyama, M. Recent measurements of decay heat 1-18721
- Akiyama, M. Determination of effective-charge distribution on some deuterobenzenes from their out-of-plane gas-band intensities 1-37192
- Akiyama, M., Araki, S., Yamauchi, R., Fukuda, O., Inada, K., Omori, Y. Long length optical fiber by the MCVD method 1-11203
- Akiyama, M. see Ando, K. 1-25505
- Akiyama, R., Saito, Y., Fukuda, A., Kuze, E., Goto, N. Dependence of Rayleigh line intensity on scattering angle in aligned nematic liquid crystals 1-11671
- Akiyama, T., Bando, Y., Takada, T. Cation distribution and some properties of brownmillerite phase Ca₃Fe_{2-2x}Mn_xM₂O₇ (M=Mg, Ni, Zn) 1-47052
- Akiyama, T. see Sakino, H. 1-17636
- Akiyoshi, T. see Miyamoto, M. 1-19545
- Akizono, K. see Murakami, R. 1-48479
- Akkad, F.EI see El Akkad, F.
- Akkapeddi, P.R., Siebert, E.T., Baker, J., Volpe, G.T., Robertson, H.J. Target loop adaptive optics: thermal blooming correction 1-46464
- Akkas, N. On the biomechanics of cytokinesis in animal cells 1-48969
- Akkas, N., Engin, A.E. Transient response of a spherical shell in an acoustic medium—comparison of exact and approximate solutions 1-37836
- Akkerman, A.F., Chernov, G.Ya. Monte-Carlo calculation of the electron transmission, reflection, and absorption in solids in the energy range up to 10 keV 1-2296
- Akkerman, A.F. see Chubisov, M.A. 1-26348
- Aklonis, J.J. see Lin, K.S.C. 1-11799
- Akmaneyev, R.A., Shved, G.M. Simulation of the tidal variations of the intensity of [O I] 5577 Å emission 1-22563
- Akopov, F.Kh., Naskidashvili, I.A., Petrosyan, V.V., Sorokina, S.I. High-temperature annealing of irradiated nickel-copper system alloys 1-35288
- Akopov, N.Z. see Avakyan, R.O. 1-45494
- Akopov, S.G. see Lozovik, Yu.E. 1-7771, 1-34820
- Akopyan, A.A., Gribnikov, Z.S. Double-injection limit in a semiconductor with a falling dependence of lifetime on the electric field 1-2976
- Akopyan, D.G. see Arutyunyan, G.M. 1-7714
- Akopyan, L.G. see Avundzian, A.T. 1-37062
- Akopyan, M.E. see Golovin, A.V. 1-18331
- Akopyan, R.S. see Sarkisyan, A.G. 1-39655
- Akopyan, S.Ts., Zharkov, V.N., Lyubimov, V.M. Aperiodic solutions of free oscillations excited in a non-elastic Earth 1-9100
- Akopyan, V. see Schiff, E.A. 1-47395
- Akopyan, Zh.S., Guz, A.N., Navoyan, A.V. Stability of elastic-plastic bodies under hydrostatic compression 1-24702
- Akperov, Ya.G. see Abdinov, A.Sh. 1-3020
- Aks, S.O. see Vezzetti, D.J. 1-6701
- Aksamit, J. Exact ferromagnetic ground state of a spin-1 system with the three-atom interaction 1-12251
- Aksamit, J., Westwanski, B. Phase transitions in a spin-1 system with the three-atom interaction 1-38944
- Aksan, S.N., Guentay, S., Varadi, V. Theoretical investigations on thermal behaviour of nuclear fuel and NEPTUN heater element 1-50819
- Aksela, H., Aksela, S., Vayrynen, J. L_{2,3}M_{4,5}X Auger electron spectra of Br₂ and Kr: anomalous L_{2,3}M_{4,5} spectra 1-1193
- Aksela, H. see Aksela, S. 1-6220
- Aksela, H. see Vayrynen, J. 1-1194
- Aksela, S., Vayrynen, J., Aksela, H., Pennanen, S. M_{2,3}N_{4,5} Auger electron spectrum of In from In, InCl and InCl₃ vapours 1-6220
- Aksela, S. see Aksela, H. 1-1193
- Aksela, S. see Vayrynen, J. 1-1194
- Aksel'rod, E.I., Vishnevskii, I.I., Glushkova, D.B., Markova, M.I. Thermal conductivity of highly porous insulation made from high-alumina fiber 1-11927
- Akselsson, K.R. see Lannefors, H.O. 1-54224
- Aksenov, E.P. Supernova in NGC 4536 1-49696
- Aksenov, E.T., Lipovskii, A.A. Calculation of the refractive-index profiles of optical waveguides with varying dimensions 1-41830
- Aksenov, V.I. see Hanasz, J. 1-32679
- Aksenov, V.K. see Samsonenko, N.D. 1-31026
- Aksenov, V.L., Shraiber, Yu. Phase transition in a model of coupled pseudospin-phonon systems 1-7288
- Aksenov, V.L. see Schreiber, J. 1-20324
- Aksenov, V.V. Spatial analysis of areal observations of a nonpotential electromagnetic field 1-22220
- Aksenov, E.V. see Poberezhnyi, Ya.L. 1-26571
- Aksentian, O.K., Selezneva, T.N. Steady-state oscillations of an elliptic plate 1-37822
- Aksianov, I.G. see Abdullayev, A.G. 1-34634
- Aksienov, V.L. see Stamenkovic, S. 1-43078
- Aksinenko, V.D., Anikina, M.Kh., Butsev, V.S., Khaidze, L.V., Glagoleva, N.S., Golokhvasov, A.I., Grachov, A.G., Gudima, K.K., Dementjev, E.A., Kadikova, S.V., Kaminski, N.I., Khorozov, S.A., Kuznetsova, E.S., Lukstins, J., Matyushin, A.T., Matyushin, V.T., Mescherjakov, M.G., Muslimbekov, Zh.Zh., Nurguzhin, N.N., Okonov, E.O., Ostanevich, T.G., Peisert, A., Skrzypczak, E., Szwed, R., Shevchenko, E.A., Sidorin, S.S., Khusainov, E.K., Toneev, V.D., Vanderga, G.L., Volodin, V.D., Zakrzewski, J.A., Zuravleva, M.S. Streamer chamber study of the cross sections and multiplicities in nucleus-nucleus interactions at the incident momentum of 4.5 GeV/c per nucleon 1-18662
- Aksnes, K. New formulation of de Sitter's theory of motion for Jupiter I-IV. I. Equations of motion and the disturbing function 1-40381
- Aksyanov, I.G. see Abdullaev, G.B. 1-38867
- Aktan, A.I. The obtention and investigation of activation heat equations in (gas-solid) systems 1-30569
- Aktik, M., Segui, Y., Ai, B. A new polymer insulated gate field-effect transistor 1-7741
- Akueze, H.C. see Allam, I.M. 1-35433
- Akulenko, M., Zhmurova, Z.I., Malakhova, K.P., Khaimov-Malkov, V.Ya. Estimating the thickness of the melt layer during growth of ruby by the verneuil method 1-31340
- Akulov, N.A. see Stepanova, E.A. 1-21198
- Akulov, V.M., Karlov, N.V. Redistribution of the vibrational energy on laser excitation of high vibrational levels of polyatomic molecules 1-33450
- Akulov, V.P., Volkov, D.V. Supersymmetric equations in the space (1,2) 1-27846
- Akune, Y., Tabata, S., Makabe, R. Preparation of SiC coatings with graphite substrate using magnetron sputter deposition 1-31348
- Akunei, S.A., Kalashnikov, N.I., Polishko, V.B. A multichannel unwired radio-controlled seismic station 1-2279
- Akutin, M.S., Artem'ev, S.V., Shlenskii, O.F. Improvement of a device for assessing the fatigue life of polymer materials 1-48612
- Akutsu, N. see Mizoguchi, T. 1-12765
- Akutsu, T. see McInnis, B.C. 1-32317
- Akyliev, B.V. see Emel'yanov, A.I. 1-42797
- Akyuz, S. An infrared spectroscopic study of dianiline-metal (II) tetracyanometalate complexes 1-14887
- Akuz Mattei, J., Mayer, E.H., Baldwin, M.E. Variable stars and the AAVSO 1-27534
- Al Chalabi, I. see Henry, R.M. 1-24904
- Al-Abdella, R.B., Kostyuk, V.P., Shklyarevskii, H.N. Resonance absorption of light in granular tellurium films 1-43201
- Al-Agil, I. see Brandelick, R. 1-23510, 1-50411
- Al-Alimi, M.Z. see Kiefer, J.H. 1-37591
- Al-Ali, B.M.A. see Manocha, B.L. 1-15467
- Al-Alousi, D.S. see Fadel, M.A. 1-47117
- Al-Amili, M.A. see Demidov, A.M. 1-45447
- Al-Ani, A.-S.H. see Bassiouny, A.K. 1-23484
- Al-Assafi, N. see Demidov, A.M. 1-45447
- Al-Bayaty, A.R. see Mohan, C. 1-22782
- Al-Dabbagh, J. see Abdel-Hady, K. 1-17216
- Al-Dargatzis, S.S., Ariyaratne, T.R., Breare, J.M., Nandi, B.C. Measurement of the drift velocity of electrons in an argon-nitrogen mixture using a gas scintillation drift chamber 1-18967
- Al-Farkh, Y., Al-Hajjar, F.H., Hamoud, H.S., Al-Shamali, F.S. Further experiments on the control of corrosion of mild steel in crude oil distillation 1-53332
- Al-Hajjar, F.H. see Al-Farkh, Y. 1-53332
- Al-Hashimi, A.H.M., Chapman, I.V. Modification of ultrasound induced changes in mammalian cells by increased viscosity of medium and increased ambient pressure 1-4323
- Al-Hassan, K.A., El-Bayoumi, M.A. Excited-state phenomena associated with solvation site heterogeneity: a large dye-excitation red-shift in a merocyanine dye-ethanol solution 1-14962
- Al-Hayes, R.A.M., Winterton, R.H.S. Bubble growth in flowing liquids 1-37993
- Al-Hayes, R.A.M., Winterton, R.H.S. Bubble diameter on detachment in flowing liquids 1-37994
- Al-Hiti, K., Al-Sidi, I.H., Albedri, M.B. Determination of mercury levels in the brain by neutron activation analysis 1-17474
- Al-Jumaily, A.-R.M. Double beam ammonia maser operated with an open resonator 1-6531
- Al-Kassim, A., Palmer, S.B. Velocity of sound in 1,3-dioxolane-water mixtures 1-15337
- Al-Katti, J.M. see Abid, F.M. 1-10729
- Al-Khamis, I.M. see Safin, M.Ya. 1-28464
- Al-Marzouk, K. Generation of a uniform line source using a binary filter 1-15242
- Al-Massari, M.A. see Arora, V.K. 1-12132
- Al-Murshid, S.A. see Campbell, P. 1-12341
- Al-Naimy, H.M.K. Photometric observations and light curve analysis of the peculiar system ER Vulpeculae 1-36334
- al-Najar, S. see Demidov, A.M. 1-45447
- Al-Qubanchi, A.H.A. see King, R.C. 1-28231, 1-28232
- al-Sabban, S. see Gamtsmelidze, G.A. 1-34532
- Al-Sadee, S.R., Butcher, P.N., Hayden, K.J. Dependence of the hopping-conductivity exponent on band shape for two-dimensional impurity bands 1-42776
- Al-Saigh, Z.Y. see Ali, A.M.J. 1-17079
- Al-Sanea, S.A., Pun, W.M., Spalding, D.B. Computation of two-dimensional elliptic flows, including heat transfer 1-19719
- Al-Shamali, F.S. see Al-Farkh, Y. 1-53332
- Al-Sidi, I.H. see Al-Hiti, K. 1-17474
- Al-Sinaid, M.H.T. see Raven, M.S. 1-2842
- Al-Sulaimi, J.S. see Hassan, M.A. 1-13434
- Aladashvili, M.S. see Abrikosov, N.Kh. 1-16679
- Aladzhadzhyan, G.M., Kocharyan, A.K., Avetisyan, G.G. Diffraction focusing of X-rays on a plane defect 1-7043
- Aladzhadzhyan, G.M. see Papoyan, A.A. 1-7046
- Alaev, V.Ya. see Tatarintsev, B.V. 1-43660
- Alagna, L., Cauletti, C., Andreocci, M., Furlani, C., Hagele, G. Study of sulfur-sulfur nonbonded interactions in substituted diphosphine disulfides by gas-phase UV photoelectron spectroscopy 1-41432
- Alam, M.K., Yeow, Y.T. Open-circuit voltage of induced-junction solar cells 1-8703
- Alam, M.S. see Abrams, G.S. 1-10208, 1-10242, 1-15045
- Alam, M.S. see Bebek, C. 1-33191
- Alam, M.S. see Chadwick, K. 1-33192
- Alam, M.S. see Dorfan, J.M. 1-41020
- Alam, M.S. see Himel, T.M. 1-18482
- Alam, M.S. see Scharre, D.L. 1-18485, 1-45292
- Alam, S.N. see Wysocki, J.A. 1-29393
- Alamelu, V. see Sethuraman, R. 1-54311
- Alamgir, Md., Kan, C.Y., Lienhard, J.H. An experimental study of the rapid desuperization of hot water 1-37012
- Alamichel, C. see Bensari-Zizi, N. 1-51196
- Alanaky, K.V., Amaryan, M.J., Demirchyan, R.A., Egiyan, K.Sh., Korumyan, J.V., Kocharova, Zh.L., Oganjanyan, M.C., Sharabyan, Yu.G. Pion[±] spectra in γC producing πX inclusive reactions due to stopped γ-quanta with maximum energy 4.5 GeV 1-41100
- Alaniya, M.V., Dorman, L.I. Expected anomalies in 11-year variations in cosmic ray intensity upon reversal of over-all magnetic field of the Sun and comparison with experiment 1-36146
- Alaniya, N.M., Gerasimov, A.B., Kasparyan, K.I. Defects formed in gold-doped germanium by irradiation with fast electrons at 77K 1-20265
- Alapini, F., Guittard, M., Julien-Pouzol, M. System Ga₂Se₃-SnSe: compound SnGa₂Se₃ 1-16760
- Alapour, A., Karam, R.A. Temperature-induced fine structure spectral shift effects on Doppler reactivity 1-18817
- Alapour, A., Karam, R.A. Effects of resonance profile representation on reactor integral parameters 1-50723
- Alario-Franco, M. see Jefferson, D.A. 1-15766
- Alario-Franco, M.A. see Gonzalez-Calbet, J.M. 1-52118
- Alascio, B. see Allub, R. 1-7842, 1-42893
- Alastuey, A., Jancovici, B. On the classical two-dimensional one-component Coulomb plasma 1-32899
- Alatrysev, A.B., Polyakov, V.V. Integral method for calculating jet mixing layer characteristics 1-29746
- Alaverdova, O.G. see Mikhailov, I.F. 1-29965
- Alavverdyan, S.A., Zhukov, N.D., Pashkov, A.F. Anomalous behavior of the output characteristics of stripe-geometry injection heterolasers 1-29282
- Alba, R., Belia, G., Calabretta, L., Del Zoppo, A., Migneco, E., Russo, G., Barna, R.C., De Pasquale, D. Sub-threshold photofission of ²³⁵U in the (3.6-6.0)-MeV energy range 1-50675
- Albada, G.D. van see van Albada, G.D.
- Albajar, C. see Deden, H. 1-28311
- Albajar, M.C. see Aguilar-Benitez, M. 1-5646, 1-23517

- Albajar, M.C. *see* Loverre, P.F. 1-18511, 1-18512
- Albanese, J.P., Arvieux, J., Bolger, J., Boschitz, E., Ingram, C.H.Q., Jansen, J., Zichy, J. Elastic scattering of positive pions by ^{16}O between 80 and 340 MeV 1-23682
- Albanese, J.P. *see* Gabathuler, K. 1-23681
- Albany, J.H. *see* Adolf, A. 1-16120
- Albaugh, H., Venuti, R. Analysis of thermal cycling by mass mensuration 1-19587
- Albe, F. *see* Fagot, H. 1-21680
- Albedri, M.B. *see* Al-Hiti, K. 1-17474
- Albella, J.M., Fernandez-Navarrete, L., Martinez-Duart, J.M. Pyrolytic deposition of MnO_2 layers in saturated water vapor atmospheres 1-21364
- Albella, J.M. *see* Fernandez, M. 1-52665
- Alber, G.H., Zoller, P. Light statistical dependence of saturated two-photon transitions 1-24079
- Alber, H.D. Reflection of singularities of solutions to the wave equation and the leading singularity of the scattering kernel 1-27788
- Alber, I.E. Turbulent wake of a thin, flat plate 1-46753
- Alber, L.L., Overton, M.W. Applications of BASIC in the analytical laboratory 1-31919
- Alberigi Quaranta, A., Prudenziati, M., Taroni, A. Sensors for control and measurement 1-32971
- Alberne, F., Leborgne, J.F., Vedrenne, G., Bolet, D., Durouchoux, P., da Costa, J.M. Detection of the positron annihilation gamma ray line from the galactic center region 1-49809
- Albers, J. Continuum formulation of spreading resistance correction factors 1-20718
- Albert, D.B. *see* Niedermeyer, H. 1-25040
- Albert, H.-F. Atmospheric dynamics in quasistatic approximation. II. Geospheric coordinates 1-40155
- Albert, J.L., Duluc, J., Levoir, P., Aubard, J., Dubois, J.E. Electro-optical multichannel spectrometer directly interfaced to a PDP 11/20 computer. Application in fast Raman spectroscopy 1-50227
- Albert, M. *see* Hartstein, A. 1-7750
- Albert, N.H., Gibowicz, S.J. Frequency dependent amplitudes of P waves recorded at Helwan seismic station at less than 25° 1-9083
- Albert, P. An attempt to reproduce the sound of the organ by electronic synthesis 1-6726
- Albert, R.N.H. *see* Lenartowicz, E. 1-4479
- Alberti, A., Galli, E. The structure of neokite, $\text{Ca}_3\text{Si}_2\text{O}_7 \cdot 7\text{H}_2\text{O}$, a new type of sheet silicate 1-47049
- Alberti, A., Hudson, A., Pedulli, G.F. Structure and fluxional behaviour of the adducts of orthoquinones with organotin halides. An electron spin resonance study 1-24178
- Alberto, J.A., Kreimer, C., Cosentino, L., Capdevila, E., Tognacca, A. A/D converter for use as a microprocessor peripheral [biological signals] 1-22175
- Alberts, H.L. Elastic constants of single crystal terbium iron garnet 1-7232
- Alberts, H.L. *see* De Koning, L. 1-38760
- Albertsen, P., Jorgensen, P., Yeager, D.L. Frequency dependent polarizabilities in a multiconfigurational time dependent Hartree-Fock approximation 1-10624
- Albertsen, P. *see* Yeager, D.L. 1-6141
- Alberty, R.L., Burgess, D.W., Fujita, T.T. Severe weather events of 10 April 1979 1-44235
- Albinati, A., Cooper, M.J., Rouse, K.D., Thomas, M.W., Willis, B.T.M. Temperature dependence of the atomic thermal displacements in UO_2 : a test case for the Rietveld profile refinement method 1-30204
- Albini, A., Ganzerli Valentini, M.T., Genova, N., Maggi, L., Meloni, S., Salghetti, F., Stella, R. Neutron activation analysis in a survey of river water quality and trace element distribution 1-35720
- Albini, E., Artuso, M., Bacchiocchi, G., Bellini, G., D'Angelo, P., Meroni, E., Moroni, L., Ragusa, F., Rancoita, P.G., Sala, S., Szawlowski, M. A vertex detector working as an active target in multihadron production on nuclei 1-23999
- Ablias, B.P., van der Lugt, W., Mensies, O., de Hossou, J.Th.M. X-ray diffraction of liquid/potassium-caesium alloys 1-25143
- Abouy, Y., Fabril, H. Telluric measurements and differential geomagnetic soundings in the Rhinegraben (period range: 1-125 s) 1-53976
- Albrecht, A.C. *see* Swofford, R.L. 1-10718
- Albrecht, G. *see* Hilko, B. 1-7003
- Albrecht, K. *see* Diebel, M. 1-50668
- Albrecht, R., Maitzen, H.M. Interstellar reddening towards the south galactic pole 1-4958
- Albrecht, R. *see* Kuhn, W. 1-23676
- Albrecht, R. *see* Wyckoff, S. 1-49847
- Albrecht, R.S., Jones, G. Influence of self-nucleating clusters on the annihilation of positrons in low temperature argon gas 1-16622
- Albrecht, R.W., Tubridy, E., Eklund, G. Two-phase-flow characterization by local and global neutronic fluctuation measurements 1-18731
- Albrecht, R.W. *see* Gubin, S.L. 1-18830
- Albrektsson, T., Jacobsson, M., Turesson, I. Irradiation injury of bone tissue. A vital microscopic method 1-44050
- Albright, J. *see* Chung, S.U. 1-41006
- Albright, L. *see* Schreier, H. 1-17637
- Albritton, D.L. *see* Fahey, D.W. 1-44388
- Albritton, D.L. *see* Perry, R.A. 1-17649
- Albritton, D.L. *see* Rowe, B.R. 1-43664
- Albritton, D.L. *see* Viggiano, A.A. 1-13537
- Albritton, J.R., Langdon, A.B. Profile modification and hot-electron temperature from resonant absorption at modest intensity 1-25011
- Albrow, M.G. *see* Cockerill, D. 1-14742
- Albul, A.V., Banichuk, N.V., Barsuk, A.A. Optimisation of the stability of an elastic rod under thermal loading 1-15430
- Albul, V.I., Baranov, V.G., D'yachkova, V.G., Zhdanova, N.F., Stoyanova, S.A., Fedchenko, I.S. Special state standard for the unit of activity of nuclides in gases [β -ray detection] 1-23993
- Albuquerque, G.M.N., Calado, J.C.G., Nunes Da Ponte, Staveley, L.A.K. On the calibration of the volume of a high pressure cell with density data 1-18241
- Alburger, D.E., Millener, D.J., Wilkinson, D.H. Delayed particles from the beta decay of ^{14}Be 1-36930
- Alburger, D.E. *see* Heusch, B. 1-45558
- Alburger, D.E. *see* Sandorfi, A.M. 1-14500
- Alburger, D.E. *see* Warburton, E.K. 1-18595, 1-28416, 1-50557, 1-50558
- Albuquerque, G.M.N., Calado, J.C.G., Nunes da Ponte, M., Palavra, A.M.F. Molal volumes of orthobaric liquid argon 1-38422
- Alby, P., Kardaun, G., Liesen, K. International trade in natural gas. An example of world co-operation 1-26808
- Alcaer, L., Novais, H., Pedroso, F., Flandrois, S., Coulon, C., Chasseaud, D., Gaultier, J. Synthesis, structure and preliminary results on electrical and magnetic properties of (perylene)₂ [Pt(mnt)]₂ 1-11740
- Alcaer, L. *see* Flandrois, S. 1-42766
- Alcaer, L. (editor) Physics and Chemistry of Low Dimensional Solids. Proceedings of the NATO Advanced Study Institute 1-40600
- Alcaino, G., Liller, W. The main sequence of the metal-poor globular cluster M30 (NGC 7099) 1-9589
- Alcaino, G., Liller, W. The main sequence of the globular cluster NGC 288 1-36199
- Alcala, R., Alonso, P.J. Spectroscopic study of X-irradiated $\text{SrF}_2\text{:Mn}$ 1-21238
- Alcantara Bonfim, O.F. *see* De Alcantara Bonfim, O.F.
- Alcock, A.J., Corkum, P.B. Ultra-short pulse generation with CO₂ lasers 1-19371
- Alcock, A.J. *see* Taylor, R.S. 1-25111
- Alcock, A.J. *see* Watanabe, S. 1-46299
- Alcock, C. The surface chemistry of stars. II. The electric field of a chemically inhomogeneous star 1-44551
- Alcock, C.B., Ichise, E., Butler, J. Determination of the solubility of oxygen in liquid indium by the combined method of Knudsen cell mass spectrometry and coulometric titration 1-25437
- Alcock, J.W., Cottingham, W.N., Dunbar, I.H. Can quark models explain electroproduction of the $L=1$ supermultiplet? 1-36839
- Alcock, N.W. *see* Flack, H.D. 1-3534
- Alcorn, F.M., Gudorf, M.R. Criticality safety considerations for TMI-2 1-45664
- Alcorn, J. *see* Hoffmann, E. 1-53703
- Alcorn, J.S. *see* Chen, W.Y. 1-47786
- Alcorn, J.S. *see* Hsu, Y.-H. 1-51994, 1-52700
- Alcouffe, R.E. *see* Yenninger, R.J. 1-10471
- Aldag, J.E., Peacher, J.L., Martin, P.J., Sutcliffe, V., George, J., Redd, E., Kvale, T.J., Blankenship, D.M., Park, J.T. Angular differential and total cross sections for the excitation of atomic hydrogen to its $n=2$ state by helium ions 1-46103
- Aldaya, V., de Azcarraga, J.A. Condition for the local formulation of a manifestly covariant theory from a variational principle 1-5128
- Alde, D.M. *see* Lockyer, N. 1-18503
- Aldea, M.L. Study of the photoconductivity temperature dependence in lead sulphide thin films 1-42812
- Aldea, N. *see* Andrea, E. 1-24073
- Aldeen, I.H.K. *see* Jamieson, M.J. 1-6137
- Alder, B.J., Pollock, E.L. Solubility considerations at the center of Jupiter 1-32653
- Alder, B.J. *see* Ceperley, D.M. 1-165
- Alder, B.J. *see* Pollock, E.L. 1-46193
- Alder, B.J. *see* Young, D.A. 1-2590
- Alder, K. *see* Herzog, F. 1-5771
- Alderson, M.A.H.G., Winter, P.W. The development of response spectra from strong-motion earthquake time histories 1-9118
- Alderson, P.O., Line, B.R. Scintigraphic evaluation of regional pulmonary ventilation 1-4364
- Aldinger, F. *see* Friederich, K.M. 1-8278
- Aldinger, F. *see* Kraft, W. 1-26424
- Aldiss, D.T. Plagiogranites from the ocean crust and ophiolites 1-44185
- Aldissi, M. *see* Lefrant, S. 1-35527
- Aldissi, M. *see* Rolland, M. 1-25777, 1-25815
- Aldred, A.T. Magnetic susceptibility of sodium disilicate glasses containing PuO_2 1-3136
- Aldred, A.T. *see* Niarchos, D. 1-7132
- Aldred, A.T. *see* Shenoy, G.K. 1-3303
- Aldred, J. Sound control within a laboratory [film processing] 1-23324
- Aldred, P. On-line calibration of slip gauges 1-44879
- Aldrich, C.H. *see* Jones, R.D. 1-51925
- Aldrich, P.D. *see* Legon, A.C. 1-51185
- Aldrich, R.E. *see* Everson, J.H. 1-46496
- Aldridge, J.P. *see* McDowell, R.S. 1-24141
- Aldrovandi, R., Monte Lima, I. A matricial approach to cluster expansions 1-18146
- Aldushin, A.P., Zel'dovich, Ya.B., Malomed, B.A. On the phenomenological theory of spin combustion 1-31862
- Alebouyeh, H. *see* Evrard, O. 1-34324
- Aleksandrov, S.V., Elagin, V.V., Fotiadi, A.E. New laser transitions in a He-Cd⁺ laser with transverse RF pumping 1-29267
- Aleem, F.-E. Analysis of proton-proton elastic scattering at high energies 1-18516
- Alefeld, G. Improved or novel possibilities for force-heat-conversion by the application of new materials 1-35672
- Alegria Feio, M. *see* Leite, M.S.S.C.P. 1-28807
- Alegria Feio, M. *see* Salete, M. 1-23957
- Aleikinov, A.F., Dianov, E.M., Markianov, S.S., Prokhorov, A.M., Rudashevskii, E.G. Use of fiber waveguides for real-time photography of rapid motion of magnetic domains and domain walls 1-34905
- Aleikinov, S.M. Stability of nonisothermal flow of a film of viscous liquid on an inclined plane 1-1915
- Aleikinov, V.S. *see* Armichev, A.V. 1-6576
- Aleikinova, I.N. *see* Muller, V.M. 1-24868
- Alejandre, C. *see* Mishkin, E.A. 1-51815
- Alekberov, A.I. *see* Ismailzade, I.H. 1-36709
- Alekhin, A.D. Effect of anisotropy of the medium on experimental measurements of critical opalescence 1-43135
- Alekhin, B.V., Borovkov, V.V., Broskii, A.Ya., Lazhntsev, B.V., Nor-Areyvan, V.A., Sukhanov, L.V. Evolution of optical inhomogeneities in flashlamp-pumped photodissociation lasers 1-33677
- Alekhin, V.P. Diffusion-dislocation mechanism of microplastic strain in crystals with high Peierls relief in the brittle-fracture region 1-30299
- Alekhin, V.P. *see* Bulychev, S.I. 1-20275
- Alekhovich, A.N., Dik, E.P., Shatil, A.A., Lisitsin, V.V., Zhukov, I.T., Verbovetskii, E.Kh., Titov, S.P., Voronova, L.S., Skerko, N.N., Linnik, A.G., Yur'ev, L.V. Investigation of combustion of Kuznetsk coals in dry-bottom furnaces 1-31977
- Alekhovich, A.N. *see* Ivanov, A.G. 1-31976
- Aleklett, K., Morrissey, D.J., Loveland, W., McGaughy, P.L., Seaborg, G.T. Energy dependence of ^{209}Bi fragmentation in relativistic nuclear collisions 1-45527
- Aleklett, K. *see* Hoffman, D. 1-5810
- Aleklett, K. *see* Loveland, W. 1-41090
- Alekperov, T.A., Gavrilova, E.A., Kuznetsov, A.V., Estulin, I.V., Vedrene, G., Niel, M., Hurley, K., Chambon, G. Solar flares recorded with a SNEG-2MP instrument October 5-6, 1977 1-54441
- Aleksakhin, I.S., Borovik, A.A., Vakula, V.V., Vol'dman, M.L. Electronic spectra of electron-impact-excited autoionization states of YbI and YbII 1-24268
- Aleksakhin, R.M. *see* Vorob'ev, E.I. 1-26857
- Aleksakov, A.N. *see* Emel'yanov, I.Ya. 1-28643
- Aleksandrov, A.A., Gatsenko, L.S., Kirsanova, I.V., Lyapidevskii, V.K., Fedoseeva, O.P. Characteristics of composite detectors based on semiconductor detectors plus CsI(Tl) 1-51038
- Aleksandrov, A.B., Bakut, P.A., Loginov, V.A. Optimal processing of an optical signal distorted by a randomly inhomogeneous medium 1-15086
- Aleksandrov, A.L., Lobachevskii, I.V., Olovynshnikov, V.M. Precambrian domes in the northern part of the Baikal mountain region 1-9151
- Aleksandrov, A.S., Elesin, V.F. Special features of the residual resistivity of A-15 intermetallic compounds 1-12092
- Aleksandrov, A.Y., Kosenyuk, V.K. Hole outline reinforcement in plates 1-19560
- Aleksandrov, A.Ya., Zinov'ev, B.M., Kurshin, L.M. A numerical method for solving problems of elasticity theory allowing for singularities of the stress state near angular points and lines 1-14013
- Aleksandrov, E.B., Prilipko, V.K. Determination of the hyperfine structure of $5d[7/2]_{3/2}$ states of ^{129}Xe 1-28909
- Aleksandrov, E.B., Prilipko, V.K. Effect of frequency crossing in a laser 1-33661
- Aleksandrov, E.B., Yakobson, N.N. Optical self-pumping in the hyperfine structure of the ground state of ^{87}Rb 1-33413
- Aleksandrov, E.M., Kiseleva, L.S., Kulikova, K.F., Mikheev, V.N. Synthesis and properties of salts of alkaline earth metals for porous metal cathodes 1-53115

- Aleksandrov, E.V.** see Vladimirov, V.P. 1-54340
- Aleksandrov, G.G., Struchkov, Yu.T., Kalinin, A.E., Shcherbakov, A.A., Barykina, L.R., Karaulova, E.N.** Structure of arylthioniacycloalkane salts with a hydroxy group in the benzene ring. I. Crystal structure of 1-p-hydroxyphenylthianium perchlorate 1-2420
- Aleksandrov, G.G., Struchkov, Yu.T., Kalinin, A.E., Shcherbakov, A.A., Barykina, L.R., Karaulova, E.N.** Structure of salts of arylthioniacycloalkanes with a hydroxy group in the benzene ring. II. Crystal structure of 1-p-hydroxyphenyl-(1'-p-phenolate)-dithianium monoperchlorate 1-30217
- Aleksandrov, G.V.** Method for the calculation of heat flows in the measuring vial of a medical calorimeter 1-49135
- Aleksandrov, G.V., Vil'ner, G.A., Galushkin, A.N., Zakrevskaya, A.L., Kamenetskii, L.M., Polyakov, V.I.** Automatic digital osmometer OMKAITS-01 1-49134
- Aleksandrov, G.V.** see Vil'ner, G.A. 1-44033
- Aleksandrov, I.V., Betskyaya, N.V., Grigor'yants, V.V., Deitich, A.A., Zhabotinskii, M.E., Zubkov, N.P., Milyavskii, Yu.S., Minkovich, V.P., Storozhev, V.V., Trezov, V.V.** Primory polymer coating and its influence on the strength of Gradan fiber-optic waveguides 1-1713
- Aleksandrov, I.V.** see Nesterova, Z.V. 1-51560
- Aleksandrov, K.A.** see Kebabde, B.V. 1-23802
- Aleksandrov, K.S.** see Flerov, I.N. 1-2627
- Aleksandrov, K.S.** see Shevryev, A.A. 1-30198
- Aleksandrov, K.S.** see Zinenko, V.I. 1-25400
- Aleksandrov, L.N., Kogan, A.N., Dyakonova, V.I.** Study of growth kinetics and doping of semiconductor films by the method of computer simulation 1-20592
- Aleksandrov, N.A., Napartovich, A.P., Starostin, A.N.** Transport equations for a non-equilibrium weakly-ionized plasma 1-24947
- Aleksandrov, N.L.** Charge exchange of a negative ion with a low binding energy and a polyatomic molecule 1-26738
- Aleksandrov, N.L., Kochetov, I.V., Napartovich, A.P., Pevgov, V.G., Starostin, A.N.** Electron kinetic coefficients in a weakly ionized plasma in the presence of strong adhesion 1-38083
- Aleksandrov, N.L., Konchakov, A.M., Son, E.E.** Effect of electron-electron collisions on the electron rate coefficients in an inert-gas plasma 1-24933
- Aleksandrov, T., Mikhailova, D.I., S'bev, L.L.** Thermocouple and resistance thermometers signals: voltage-current converter precision zeroing method 1-5308
- Aleksandrov, V.A.** see Ramendik, G.I. 1-52007
- Aleksandrov, V.B.** see Garashina, L.S. 1-2390
- Aleksandrov, V.D., Shklyar, V.S.** Crystallization of amorphous films of selenium in an electrostatic field 1-47398
- Aleksandrov, V.I., Batygov, S.Kh., Ivanovskaya, V.M., Kalabukhova, B.F., Lavrishchev, S.V., Lomonova, E.E., Myzina, V.A., Osiko, V.V., Tatarintsev, V.M.** Distribution of yttrium and inhomogeneities in cubic single crystals of solid solutions of the $ZrO_2 \cdot Y_2O_3$ system 1-38400
- Aleksandrov, V.I., Belyanina, R.G., Blokhin, V.A., Ilevleva, Zh.I., Osiko, V.V., Shimkevich, A.L., Shmatko, B.A.** Character of the conductivity of titanates at 300-500°C [$ZrO_2 \cdot Y_2O_3$] 1-7604
- Aleksandrov, V.K., Loshak, V.P.** The IOG-1 eye-piece measuring head 1-18292
- Aleksandrov, V.M., Kovalenko, E.V.** One class of integral equations in mixed problems of the mechanics of continuous media 1-29556
- Aleksandrov, V.S.** see Vyllov, Ts. 1-45422
- Aleksandrov, V.V., Basov, N.G., Glotov, E.P., Danilychev, V.A., Koterov, V.N., Perlov, S.G., Soroka, A.M.** Industrial lasers with a technical efficiency higher than the physical efficiency 1-33700
- Aleksandrov, V.V., Borzyak, A.N., Kuvshinov, G.A., Novikov, I.I.** A versatile high-precision automatic temperature regulator assembled from standard components 1-50125
- Aleksandrov, V.V., Kovalevskii, N.G., Silin, V.P.** On the mechanism of generation of hot electrons in a laser plasma 1-11583
- Aleksandrov, V.Ya., Andreev, A.P., Skoblikov, S.V., Yurinov, A.A.** Photoionization of mixtures of cesium with inert gases at atmospheric pressure 1-1547
- Aleksandrov, Yu.A., Baranov, S.S., Belousov, A.S., Budanov, N.P., Vazdik, Ya.A., Govorkov, B.B., Kim, V.V., Kozlov, V.A., Kreyskop, L.M., Lednev, A.A., Maishev, V.A., Malinovskii, E.I., Pavlovskaya, V.V., Sergienko, V.I., Soloviev, Yu.V., Tamm, E.I., Frolov, A.M., Khablo, V.A., Shartkov, L.N.** Photoproduction of ρ^0 mesons of hydrogen at the γ -quanta energies of 15-30 GeV 1-5634
- Aleksandrov, Yu.A., Bunatyan, G.G., Nikolenko, V.G., Popov, A.B., Samosvat, G.S.** Search for the OPE effect in low-energy neutron scattering by nuclei 1-18575
- Aleksandrov, Yu.N., Golovkov, V.K., Dubrovina, V.M., Zaitsev, A.L., Kaevitser, V.I., Krymov, A.A., Petrov, G.M., Khasyanov, A.F., Shakhovskoi, A.M., Shamparova, O.S.** The reflection properties and surface relief of Venus: radar surveys at 39-cm wavelength 1-13717
- Aleksandrov, Yu.P., Shekhter, F.L., Abramyan, E.A., Perova, A.A.** Method of determining the ultimate strength of large glass sheets 1-12793
- Aleksandrova, A.A., Khizhnyak, N.A.** Green's function for the MHD equations in nonuniform media 1-24892
- Aleksandrova, I.P., Blinc, R., Topic, B., Zumer, S., Rigamonti, A.** ^{41}N NQR in the incommensurate phase of $NaNO_2$ 1-1969
- Aleksandrova, I.P., Moskalev, A.K.** Investigation of the tricritical point in SbSI by the nuclear quadrupole resonance technique 1-12466
- Aleksandrova, S.P., Kirov, K.I.** The effect of errors in semiconductor constants on the interface state density determination in MOS structures 1-38862
- Aleksandrova, Z.A., Bol'shov, V.I., Bocharova, I.E., Volodin, K.E., Nesterov, V.G., Prokhorova, L.I., Smirnenko, G.N., Turchin, Yu.M.** Fission neutron detectors 1-23942
- Aleksandrovich, S.V.** see Aivazov, M.I. 1-25906, 1-38342, 1-47841
- Aleksandrovskii, V.I., Linev, V.N., Lisovskii, V.V.** Device for rapid scanning of magnetic field of EPR spectrometer 1-18264
- Aleksankin, M.M.** see Filecheva, L.I. 1-39627
- Aleksan'yan, T.M., Bednazhevskii, V.M., Blokh, Ya.L., Dorman, L.I., Libin, I.Ya., Khodzaev, A.N., Yanke, V.G., Sitnov, A.M., Lemberger, A.M., Starkov, F.A., Chechenov, A.A.** Some aspects of experimental procedures in investigating cosmic ray variations 1-36187
- Aleksapolskii, N.B., Naidenov, V.I.** Viscous explosion during the nonisothermal motion of an incompressible liquid 1-46810
- Alekseenko, A.I.** see Gontsa, V.F. 1-15459
- Alekseenko, M.F., Fedotova, L.S., Mukhina, Z.N.** Corrosion-resistant martensitic steel EP517Sh for operation at temperatures up to 650°C 1-16886
- Alekseenko, S.V., Nakoryakov, V.E., Pokusaev, B.G.** Wave formation in liquid film flow on a vertical wall 1-42006
- Alekseenko, V.A.** see Beklemishchev, A.I. 1-44904
- Alekseev, A.A.** Mechanism of the hardening of Al-Cu alloys during high-temperature ageing 1-12752
- Alekseev, A.D., Vitushkin, L.F., Kolosnitsyn, N.I., Moscovkin, V.M.** Fabry-Perot interferometer in the field of a gravitational wave 1-9915
- Alekseev, A.I.** Guon propagator in axial gauge 1-50400
- Alekseev, A.I., Arbuzov, B.A., Rodionov, A.Ya.** On the possibility of dynamical mass generation in finite quantum electrodynamics 1-50354
- Alekseev, A.I., Basharov, A.M., Beloborodov, V.N.** Polarization of a photon echo produced by standing wave pulses 1-6622
- Alekseev, A.N., Barybin, A.A., Vendik, O.G., Karmanenko, S.F., Moskalenko, V.F.** Superconducting $Nb_{1-x}Ge_x$ films with a critical temperature of 24K 1-38883
- Alekseev, A.S., Mikhailenko, B.G.** The solution of dynamic problems of elastic wave propagation in inhomogeneous media by a combination of partial separation of variables and finite-difference methods 1-35947
- Alekseev, A.S.** see Romanov, M.E. 1-35948
- Alekseev, A.V., Popov, V.S.** Boson avalanche formation with the reverse influence of field and relaxation processes 1-50045
- Alekseev, A.V.** see Abramov, V.Y. 1-596
- Alekseev, D.V.** Low-frequency Raman scattering by molecular crystals 1-3389
- Alekseev, D.V.** First-order spectrum in the pseudo-harmonic approximation and the approximation of renormalized cubic anharmonicity 1-21196
- Alekseev, E.P., Fedorov, A.B., Yakovlev, A.V.** Application of type ERS-67 station to aerial prospecting using a long cable 1-27275
- Alekseev, G.D., Kalinina, N.A., Karpukhin, V.V., Khazins, D.M., Kruglov, V.V.** Investigation of self-quenching streamer discharge in a wire chamber 1-23952
- Alekseev, M.A.** see Kapitonov, A.N. 1-54272
- Alekseev, N.V.** see Gurkova, S.N. 1-25250
- Alekseev, N.V.** see Kuznetsova, T.M. 1-6400
- Alekseev, P.A.** see Andreev, A.I. 1-20684
- Alekseev, P.D., Baranov, G.I.** Formation of hydrogen bonds in LiF:OH crystals on irradiation with ^{60}Co γ rays 1-20263
- Alekseev, P.N., Buleev, N.I., Zaritskii, S.M., Stukalov, V.A., Usachev, L.N.** Comparison of incomplete factorization with variable directions in solving a one-group two-dimensional reactor equation 1-10421
- Alekseev, S.I.** see Platonov, P.A. 1-28603
- Alekseev, S.N.** see Dikii, I.I. 1-53353
- Alekseev, V.A., Blagonravov, L.A., Philippov, L.P.** The heat capacity measurements of liquid Cs up to 2000K with density decreasing up to ρ_{crit} 1-25450
- Alekseev, V.A., Denisov, L.K., Kozintsev, V.I., Kozlov, N.A., Sopin, A.I.** Investigation of the temperature dependence of the lasing characteristics of a dye laser with lamp pumping 1-1558
- Alekseev, V.A., Ovcharenko, V.G., Ryzhkov, Yu.F.** Conductivity of selenium in semiconductor-metal transition region at high temperatures and pressures 1-25775
- Alekseev, V.A., Ovcharenko, V.G., Ryzhkov, Yu.F.** Metal-nonmetal dense plasma transition in mercury at high temperatures up to 2200K and high pressures up to 0.35 GPa [thermopower observations] 1-25776
- Alekseev, V.A.** see Skidan, B.S. 1-20911
- Alekseev, V.E., Grigor'ev, V.N., Klimov, N.S., Myasnikov, A.S., Olenin, A.V., Tokarev, V.P.** Influence of the active-medium characteristics on the output power of an electron-beam-controlled CO laser 1-33655
- Alekseev, V.E., Mikhailov, A.I.** Applications of fiber-optics elements in ophthalmological instruments and light source 1-22102
- Alekseev, V.N., Bordachev, E.G., Golovin, S.V., Grigor'ev, L.Z., Kostomarov, G.P., Leonov, S.N., Liukonen, R.A., Mironov, E.P., Rozanov, N.N., Skvirskaya, E.L., Starikov, A.D.** Calculations and experimental investigation of the energy characteristics of neodymium-glass disk amplifiers 1-51489
- Alekseev, V.N., Zhilin, A.N., Starikov, A.D., Chernov, V.N.** Formation of a spatial profile of a beam in a laser amplifier by a system comprising a hard aperture and a spatial filter 1-51538
- Alekseev, V.V.** see Maklakov, L.I. 1-6258
- Alekseev, Yu.A.** see Andrianov, A.M. 1-33020
- Alekseev, Yu.L.** Oscilloscope method for measuring the speed of sound according to lateral unloading 1-51672
- Alekseeva, O.E.** see Fedorov, V.G. 1-12741
- Alekseeva, O.K., Chernov, A.P., Mikhailov, V.I., Shantarovich, V.P.** The influence of preparation conditions and small amounts of SnSe on annihilation characteristics of As-Se glass 1-3531
- Alekseeva, O.K., Gorbunova, N.B., Kardonskii, V.M., Moish, Yu.V., Shantarovich, V.P.** An investigation of the early stages of decomposition in maraging steel 03N17K10V10T by the positron annihilation method 1-16882
- Alekseeva, S.A.** see Sobolev, V.V. 1-16578, 1-31114, 1-31115, 1-52965
- Alekseeva, V.I.** see Volkov, V.M. 1-10998
- Alekseeva, Z.M., Lozovoi, V.I., Tsvileva, I.M.** On the nature of high-temperature conductivity of the pyrrargyrite crystals 1-20453
- Alekseevskii, N.E., Mitin, A.V.** Investigation of the critical parameters of superconducting molybdenum sulphides 1-38901
- Alekseevskii, N.E., Narozhnyi, V.N.** Influence of pressure on the properties of the compound La_2S_3 in superconducting and normal states 1-25819
- Alekseevskii, N.E., Wolf, G., Hohlfield, C., Dobrovolskii, N.M.** Specific heat capacity of molybdenum chalcogenides. V. An investigation of the heat capacity of $PbMo_4S_6$, $PbMo_4Se_6$, and corresponding samples with depressed T_c values 1-12236
- Alekseyev, A.I., Basharov, A.M.** Optical nutation and photon echo by phase or amplitude shift of light waves 1-46462
- Alekseyev, A.M.** see Soboleva, T.N. 1-26785
- Alekseyeva, L.M.** Acoustic-gravity resonance in the atmosphere under the auroral ionosphere 1-4567
- Alekseyeva, L.M.** Inhomogeneity of viscosity and currents developing in the upper atmosphere 1-22558
- Alekseva, Z., Dinev, O.** Silicon-hydroxyl and silicon-hydride groups in phosphosilicate glass films on silicon [passivation layers] 1-16199
- Aleksin, V.F., Demutskii, V.P., Romanov, S.S.** Diffusion of a quasistatic electromagnetic field into spheroids 1-51344
- Aleksin, V.F., Volkov, E.D., Sebkov, V.P., Tyupa, V.I.** Magnetic surfaces of toroidal stellarator in the presence of current-carrying plasma and correcting magnetic field 1-2225
- Aleksoff, C.C., Somers, L.E.** Optical processor for the very large array (VLA) radiotelescope. Aberration analysis 1-54386
- Aleksoff, C.C.** see Cindrich, I. 1-17768, 1-54385
- Aleksyuk, V.E.** Electrical conductivity characteristics of solid solutions of barium and strontium niobates 1-38818
- Aleksandrov, B.L.** Some results of the application of quantitative pore-pressure estimation made by means of geophysical methods to some sites in southeast Hungary 1-32544
- Alemann, C.** see Gomez-Polledo, R. 1-25753
- Alent'ev, A.N.** Inhomogeneity of light collection in a large scintillation counter 1-1011

- Aleopard, M.M., El Masri, Y., Lee, I.Y., Stephens, F.S., Deleplanque, M.A., Diamond, R.M. Experimental study of ^{138}Nd at high angular momentum 1-23590
- Aleopard, R. *see* Sousa, J.B. 1-25702
- Aleopard, S. *see* Le Fur, Y. 1-34320
- Aleshin, A.N., Bokstein, B.S., Petelin, A.L., Zhindlerman, L.S. Individual twist boundary zinc diffusion in aluminum 1-16093
- Aleshin, V.A. *see* Vainshtein, A.A. 1-26545
- Aleshin, V.G., Nemoshkalenko, V.V., Prokopenko, V.M., Senkevich, A.I., Shalaev, A.M. Changes in the 'volatile' component concentration on the alloy surface at temperature lower than evaporation threshold 1-21323
- Aleshin, V.G. *see* Kharlamov, A.I. 1-53045
- Aleshin, V.G. *see* Nemoshkalenko, V.V. 1-3565, 1-30630
- Aleshina, L.B. *see* Parshikov, V.G. 1-53143
- Alesbonkova, E.A. *see* Mel'nikov, V.G. 1-53325
- Aleskerova, S.A., Agaev, T.Yu., Pakharyan, V.A. Corrosion fatigue of steel 20 in a 3% NaCl solution 1-3998
- Aleskovskii, V.B. *see* Kuznetsova, G.N. 1-48079
- Alessandrini, F. Some results on the measurement of temperature and density in a flame by Raman spectroscopy 1-4093
- Alessandrini, E.L. *see* Chu, W.K. 1-2484
- Alessandrini, F. *see* Razzini, G. 1-8698
- Alessi, J.G., Saladin, J.X., Baktash, C., Humanic, T. Electromagnetic properties of excited bands in ^{238}U 1-36897
- Alessi, J.G., Sluyters, Th. Regular and asymmetric negative ion magnetron sources with grooved cathodes 1-37043
- Alessi, J.G. *see* Baktash, C. 1-18596
- Alessi, J.G. *see* Humanic, T.J. 1-41046
- Alessi, J.G. *see* Klema, E.D. 1-28792
- Alessio, S. *see* Bergamano, L. 1-4721, 1-4729
- Alestalo, M., Holopainen, E. Atmospheric energy fluxes over Europe 1-54220
- Alestig, G., Holmen, G., Martenson, M., Peterstrom, S. Electrical measurements of boron implanted silicon on sapphire and bulk silicon 1-2990
- Aletti, P. *see* Noel, A. 1-9035
- Alex, T.K. *see* Rao, U.R. 1-49595
- Alexander, B. *see* Chang, H. 1-53174
- Alexander, C., Jr. *see* Cooke, D.W. 1-16614
- Alexander, C.S., Price, L.W. Radiocarbon dating of the rate of movement of two sulfidation lobes in the Ruby Range, Yukon Territory 1-17592
- Alexander, C.W. *see* Croff, A.G. 1-853
- Alexander, D.R. *see* Brey, H.L. 1-50788
- Alexander, E.C., Jr. *see* Hooke, R.L. 1-40143
- Alexander, F.B., Jr. *see* Shah, J. 1-8130, 1-8131
- Alexander, G., Chatterjee, K. Atmospheric ozone measurements in India 1-49367
- Alexander, G. *see* Berger, C. 1-5636, 1-10209
- Alexander, G. *see* Berger, Ch. 1-14404
- Alexander, G. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Alexander, H. *see* Langrana, F. 1-13348
- Alexander, H. *see* Schlawn, F. 1-48350
- Alexander, I.N., Brustunov, V.Ya., Ivantsov, Yu.V., Kovalenko, Yu.S., Sadovskii, Yu.A., Yudin, E.A. Information-control and supervising control system for film materials processing procedure 1-45066
- Alexander, J., Chiang, T.H., Galin, J., Gatty, B., Guerreau, D., Tarrago, X. An experimental approach of the friction phenomenon in deep inelastic collisions based on secondary light-particle emission studies 1-50645
- Alexander, J.A. *see* Orlando, T.P. 1-47822
- Alexander, J.B. *see* Jones, D.H.P. 1-44438
- Alexander, J.K. *see* Barrow, C.H. 1-13725
- Alexander, J.M. *see* Cabot, C. 1-45546
- Alexander, L.G. *see* Denham, D. 1-13411
- Alexander, M.G., Goshorn, G.P., Guerard, D., Lagrange, P., El Makrini, M., Onn, D.G. Synthesis and low temperature specific heat of the graphite intercalation compounds KHgC_4 and KFeC_4 1-38554
- Alexander, M.Grayson *see* Grayson Alexander, M.
- Alexander, M.H. Close-coupling studies of rotationally inelastic HF-HF collisions at hyperthermal energies 1-37301
- Alexander, M.H., Jendrek, E.F., Dagdigian, P.J. Validity of energy gap representations of rotationally inelastic cross sections between polar molecules 1-10827
- Alexander, M.J.L., Colbourne, J. A method of determination of the angular velocity vector of a limb segment 1-49036
- Alexander, S. *see* Clerc, J.P. 1-12160
- Alexander, S. *see* Scher, H. 1-12106
- Alexander, T.K., Ball, G.C., Davies, W.G., Mitchell, I.V. A measurement of the local density of ^3He -implanted metal foils by the Doppler shift attenuation method 1-34376
- Alexander, T.K. *see* Ball, G.C. 1-18558
- Alexander, T.K. *see* Hauser, O. 1-34963
- Alexander, W., Howell, J.R. Solar concentrators using vacuum-contoured surfaces for tracking 1-48801
- Alexandre, F., Raisin, C., Abdalla, M.I., Brenac, A., Masson, J.M. Influence of growth conditions on tin incorporation in GaAs grown by molecular beam epitaxy 1-2834
- Alexandrescu, R., Comaniciu, N., Draganescu, V., Dumitras, D., Dutu, D. The tunnel Stark constant in CO_2 laser modulation by molecular gases 1-51522
- Alexandrescu, R., Velculescu, V.G. Stark modulation of CO_2 laser in a Lorentz broadened molecular gas 1-46282
- Alexandrov, A. Energy: problems and prospects 1-14568
- Alexandrov, A., Ranniger, J. Theory of bipolarons and bipolaronic bands 1-47509
- Alexandrov, I., Lucht, P. Physics of sprinting 1-49899
- Alexandrov, I.V. Physical aspects of charge transfer theory 1-17033
- Alexandrov, Y.A. *see* Adamovich, M.I. 1-45317
- Alexandrov, Y.A. *see* Fiorino, A. 1-50583
- Alexandrova, S., Kirov, K., Szekeres, A. Defects in Si/SiO_2 structures introduced by sputter metalization 1-30838
- Alexandrova, S. *see* Szekeres, A. 1-39490
- Alexandrovich, G.V., Tanenbaum, G.M. Modified processor VA-35MC [colour photography] 1-45067
- Alexandrovich, P.S., Karasz, F.E., MacKnight, W.J. Dielectric study of polymer compatibility: blends of polystyrene/poly-2-chlorostyrene 1-34980
- Alexandrowicz, Z. Critically branched chains and percolation clusters 1-32927
- Alexandru, H.V., Csiki, Z., Baciu, G. The study of defects in the ADP single crystals by the X-ray topography method 1-34343
- Alexandru, L. *see* Chung-Ching Yang 1-31373
- Alexanian, M. Temperature dependence of the condensate fraction in superfluid ^4He 1-47318
- Alexas, A. Remarks on the electrical resistivity of solid UO_2 between 1000 and 3100K 1-42774
- Alexeev, V.L., Kondurov, I.A., Loginov, Yu.E., Martynov, V.V., Sakharov, S.L., Sushkov, P.A., Borner, H.G., Davidson, W.F., Pinston, J.A., Schreckenbach, K. The level structure of ^{124}Sb and residual p-n interactions 1-639
- Alexopoulos, K. *see* Varotsos, P. 1-2650, 1-11898, 1-25359, 1-25471, 1-30296
- Alexandrov, V.Ya., Andreev, A.P., Vinogradov, V.Yu., Podmoshenskii, I.V. Light decomposition dynamics of a gaseous suspension of sodium azide 1-4077
- Alfano, R.R., Schiller, N.H., Reynolds, G.A. Production of picosecond pulses by mode locking an Nd:glass laser with dye 5.1-46356
- Alfano, R.R. *see* Doukas, A.G. 1-53498
- Alfano, R.R. *see* Ho, P.P. 1-41791
- Alfano, R.R. *see* Rosen, D.L. 1-15232
- Alfano, R.R. *see* Schiller, N.H. 1-10038, 1-28065
- Alfano, R.R. *see* Yao, S.S. 1-43169
- Alfaro, V. *see* de Alfaro, V.
- Alfarness, R.C., Buhl, L.L. Electro-optic waveguide TE-TM mode converter with low drive voltage 1-11183
- Alfarness, R.C., Economou, N.P., Buhl, L.L. Picosecond optical sampling technique for measuring the speed of fast electro-optic switch/modulators 1-15257
- Alfarness, R.C. *see* Economou, N.P. 1-51609
- Alferov, D.F., Bashmakov, Yu.A., Cherenkov, P.A. Experimental investigation of the spatial monochromaticity of undulator radiation 1-29199
- Alferov, N.S. *see* Andreev, P.A. 1-28568
- Alferov, Zh.I., Gorelenok, A.T., Kolyshekin, V.I., Kop'ev, P.S., Mdivani, V.N., Tarasov, I.S., Tibilov, V.K. Continuous-wave heterolasers in the InGaAsP system 1-1578
- Alferova, Z.A., Venger, A.P., Gosachinskii, I.V., Grachev, V.G., Mogileva, V.G., Ryzhkov, N.F., Yudaeva, N.A. Neutral hydrogen in the vicinity of the Sagittarius B2 radio source 1-32745
- Alfeyev, V.N., Grusha, S.A., Kuznetsov, G.V., Ugrin, M.I. Experimental study of Josephson junctions with a semiconductor barrier and superconductor-semiconductor contacts 1-34834
- Alfimenkov, V.P., Borzakov, S.B., Vasil'eva, E.V., Wo Wang Thuang, Osipenko, B.P., Pikelnor, L.B., Tishin, V.G., Sharapov, E.I. Direct measurements of the effective cross section of thermal neutron radiative capture by deuterons 1-36951
- Alfimov, M.V. *see* Krysanov, S.A. 1-28954
- Alfintsev, G.A., Chemerinsky, G.P. Studies in kinetics of succinonitrile crystal growth from the melt 1-21341
- Alfintsev, G.A., Chemerinsky, G.P., Fedorov, O.P. The kinetics of crystal growth of succinonitrile and cyclohexanol from the melt 1-20092
- Alfintseva, R.A., Bodrova, L.G., Verkhuturov, A.D. Use of refractory metal borides for electric-spark alloying electrodes 1-39536
- Alford, W.L. *see* Gaiser, J.E. 1-24001
- Alfredson, R.J. *see* Mathew, J. 1-11281
- Alfredsson, H. *see* Shands, J. 1-11471
- Alfredsson, P.-H., Lagerstedt, T. The behavior of the density oscillator 1-37877
- Alfrey, C.P. *see* McIntire, L.V. 1-13272
- Alfrey, T., Jr., Schrenk, W.J. Multipolymer systems 1-12954
- Alfutov, N.A., Popov, B.G. Stability calculation for a locally-stressed rectangular plate by a variational method 1-15429
- Algaba, S. *see* Gonzalez, J.A. 1-39479
- Algeo, J.D., Denton, M.B. On the use of the inverted Abel integral for evaluating spectroscopic sources 1-40859
- Alger, D.M. *see* Edwards, C.B. 1-28691
- Algotino, F. Edge effects from asymptotic contour branches 1-11303
- Algra, A.J., Luitjens, S.B., Suurmeijer, E.P.T.M., Boers, A.L. The structure of a stepped copper (410) surface determined by ion scattering spectroscopy 1-20530
- Algra, A.J., Maaskant, P.P., Luitjens, S.B., Suurmeijer, E.P.T.M., Boers, A.L. The two scattering energies in a single collision 1-26346
- Algra, A.J. *see* Luitjens, S.B. 1-12619, 1-12620, 1-21316
- Algra, H.A., Buschow, K.H.J., Henskens, R.A. On the anisotropy in amorphous Gd-based alloys 1-25927
- Algra, H.A. *see* Breed, D.J. 1-47920
- Alhassid, Y., Muller, B., Koonin, S.E. Mean-field approximation for inclusive observables 1-41082
- Alhava, E.M. *see* Lahtinen, T. 1-43963
- Ali, A.M.H. *see* Charsley, P. 1-26504
- Ali, A.M.J., Al-Saigh, Z.Y. Photodecomposition of azobenzenes 1-17079
- Ali, I.M. *see* Mongy, M. 1-43716
- Ali, J.B., Jacobson, R.E. The use of diazo film as a film badge dosimeter 1-17498
- Ali, Kh.I.M. *see* Abou-Seada, M.S. 1-11626
- Ali, M.K., Somorjai, R.L. Reappearance of ordered motion in some non-integrable Hamiltonian systems 1-32915
- Ali, M.S., Sheldon, R.P. Investigation into the local structure of glassy polymers by mechanical measurements 1-34243
- Ali, S.P. *see* Hird, B. 1-33543
- Ali Mohammadi, M. *see* Henry, B.R. 1-6271
- Ali Mohammadi, M. *see* Lees, R.M. 1-19088
- Ali-Khan, I., Hoven, H., Luhlrich, H., Tauber, K. Verhalten beschichteter Kernbrennstoffteilchen unter mechanischer Druckbelastung (Protective coatings for nuclear fuel particles under mechanical loading) 1-37002
- Ali-Khan, I. *see* Waelbroeck, F. 1-30555
- Ali-Khan, I. *see* Winter, J. 1-23851
- Ali-zade, A.N., Gulgazi, A.S. Variational principle for the definition of strained-deformed state of elastic shell by irradiation with geometrical non-linearity 1-37799
- Ali-zade, M.Z. *see* Rustamov, P.G. 1-38775
- Aliaga-Guerro, D., Panissod, P., Durand, J. Nuclear spin-lattice relaxation time anomalies on ^{31}P and ^{11}B in amorphous Ni-P-B alloys 1-26064
- Aliaga-Guerro, D. *see* Amamou, A. 1-25620
- Aliakherdiev, S.I. *see* Kilimov, V.V. 1-17363
- Alibin, G. *see* Firpo, J.L. 1-20563
- Alidzhanov, M.A. *see* Rustamov, P.G. 1-38775
- Alidzhanov, M.A. *see* Safarov, M.G. 1-34730
- Aliev, A.A., Volkov, A.A. Influence of preliminary deformation on the boronizing process 1-3995
- Aliev, A.N., Gal'tsov, D.V., Sokolov, A.A. Rotating black hole in a strong magnetic field 1-44817
- Aliev, F.M. *see* Tagirov, V.I. 1-3646, 1-34747
- Aliev, F.Yu. *see* Krupnikov, E.S. 1-42873
- Aliev, G.G. On exact solution of visco-elasticity problem of thick-walled structurally non-homogeneous pipe 1-6789
- Aliev, Kh.K., Kamilov, I.K., Magomedov, M.R.M., Musayev, G.M. Critical thermal expansion of yttrium iron garnets 1-11889
- Aliev, M.I., Guseinov, F.Z. Electrical properties of AgNiSe_2 and AgNiTe_2 1-20768
- Aliev, N.A., Tagiev, B.G., Mamedov, G.M. Investigation of the residual conductivity and current-voltage characteristics of $\text{GaSe}_{1-x}\text{Sn}_x$ single crystals 1-20811
- Aliev, N.N., Rakhman, M.M. Theory of the nuclear magnetic resonance line shape in magnetically concentrated crystals at low temperatures 1-43019
- Aliev, V.A. *see* Grigor'yants, V.V. 1-33680
- Aliev, V.K. *see* Abdullaev, A.G. 1-20830
- Aliev, V.K. *see* Abdullaev, G.B. 1-38867
- Alieva, M.Kh. *see* Abasov, S.A. 1-26124
- Alieva, Z.G. *see* Kiyazim-zade, A.G. 1-30741
- Alifanov, Yu.P. *see* Klimentov, V.S. 1-39568
- Alig, R.C., Bloom, S., Struck, C.W. Scattering by ionization and phonon emission in semiconductors 1-47131
- Alighieri, S. Di Serego *see* Di Serego Alighieri, S.
- Alighieri S., H.C. Di Serego *see* Di Serego Alighieri S., H.C.
- Aligulijew, R.M., Selenov, J.W., Aliev, G.M., Chodiyev, B.S., Chitejeva, D.M. Mechanical relaxation behaviour of plasticized epoxy resin composites 1-21502
- Aliguliev, G.M. *see* Aligulijew, R.M. 1-21502

- Alikhanov, S.G.,** Novikov, V.P. Superhigh magnetic field generation by a cumulating liner and a magnetopressed discharge 1-33023
- Alikhanov, S.G.,** Rudakov, L.I., Smirnov, V.P., Yampol'skii, I.R. Magnetic-pressure acceleration of cylindrical liners by the pulse generators for relativistic electron beams 1-2211
- Alikhanyan, A.S.,** Steblevskii, A.V., Lazarev, V.B., Kalinnikov, V.G., Grinberg, Ya.Kh., Zhukov, E.T., Agamirova, L.M., Gorgoraki, V.I. Thermodynamic properties of gaseous arsenic iodides 1-38041
- Alikov, B.A.,** Gromov, K.Ya., Muminov, T.M., Pyatov, N.I., Salikhbaev, U.S., Tsoi, E.G. Analysis of the electromagnetic transition probabilities in odd-neutron isotopes of dysprosium with $A=155, 157, 159$ and 161 1-45459
- Alikov, B.A.,** Gromov, K.Ya., Muminov, T.M., Pyatov, N.I., Salikhbaev, U.S., Tsoi, E.G. Analysis of the properties of the odd dysprosium isotopes with $A=155, 157, 159$ and 161 1-45385
- Alikov, B.A.,** Marupov, N.Z., Muminov, K.M., Muminov, T.M., Omanov, Sh., Salikhbaev, U.S., Usmanov, R.R., Andreichev, V., Gromov, K.Ya., Islamov, T.A., Karakhodzhaev, A. Investigation of the decay $^{155}\text{Ho} \rightarrow ^{155}\text{Dy}$ 1-659
- Alimov, V.Kh.** see Bogomolov, D.B. 1-2674
- Alimov, V.Kh.** see Gorodetsky, A.E. 1-25316
- Alimova, L.Y.** see Radzhadov, T.D. 1-31903
- Alimov, S.S.,** Zaslavitskii, I.I., Karlov, N.V., Kosichkin, Yu.V., Kryukov, P.V., Nabiev, Sh.Sh., Nadezhinskiy, A.I., Sartakov, B.G., Shotov, A.P. Laser spectroscopy of the $\nu_2 + \nu_3$ combination vibration of the CF_4 molecule and CF_4 laser tuning curves 1-46310
- Alionta, F.,** Fontana, M.P., Maisano, G., Migliardo, P., Wanderlingh, F. Coexistence of structures in electrolytic solutions investigated by Raman scattering 1-1243
- Alipanahi, S.** see Crowell, C.R. 1-30664
- Alipchenko, V.M.,** Bikmatov, R.G., Goryacheva, N.V., Zhitlugin, A.M., Ilyushin, I.V., Kiskin, A.D., Konkashbaev, I.K., Lyashenko, V.N., Nikandrov, L.B., Ravichev, S.A., Skvortsov, Yu.V., Solovyeva, V.G., Strunnikov, V.M., Ulinich, F.R., Hummedoolin, F.R., Tseretvnikov, S.S. Supersonic plasma counter-streaming interaction and thermalization inside the open magnetic traps 1-19949
- Alippi, A.,** Palma, A., Palmieri, L., Socino, G., Verona, E. Acousto-optics with surface acoustic waves. Devices and applications 1-1791
- Alippi, A.,** Palma, A., Palmieri, L., Socino, G., Verona, E. Real time acousto-optical spectrum analyzer through unguided light-surface acoustic waves interaction 1-19408
- Alire, R.M.** see Steward, S.A. 1-2783
- Alisaukas, S.I.,** Norvaisas, E. Infinitesimal transformations of supermultiplet basis of SU_4 group representations 1-18578
- Alissandrakis, C.E.** Active region magnetic fields and cm-k emission 1-4867
- Alix, A.J.P.** see Manfait, M. 1-48946
- Aliyev, I.M.** see Ismailzade, I.H. 1-36709
- Aliyev, V.K.** see Abdullayev, A.G. 1-34624
- Alizade, V.V.,** Berzhenov, S.F., Blokhintseva, T.D., Dem'yanov, A.V., Kuptsov, A.V., Kurochkin, V.P., Nemenov, L.L., Pustynnik, Zh.P., Smirnov, G.I., Khazins, D.M. Determination of the nucleon and pion form factors from the analysis of the $\pi^- p \rightarrow e^- n$ reaction at pion energy $E_\pi = 164$ MeV 1-45289
- Aljalali, S.,** Weiser, G. Electroabsorption studies on amorphous silicon 1-21171
- Aljochin, V.P.,** Wodara, J., Eckhardt, S. A note on the formation of compounds during ultrasonic welding of metals 1-30490
- Alkemade, C.T.J.** Single-atom detection 1-43717
- Alkemade, C.T.J.** see Jongerius, M.J. 1-19050
- Alkesev, V.V.** see Gorshkov, B.N. 1-53358
- Alkhozov, G.D.** Scattering of high-energy α particles and mass distribution in calcium isotope nuclei 1-23551
- Alkhozov, G.D.,** Mazilev, K.A., Novikov, Yu.N., Panteleev, V.N., Polyakov, A.G., Afanas'ev, V.P., Ganbaatar, N., Gromov, K.Ya., Kalinnikov, V.G., Kormicki, J., Latuszynski, A., Potempa, A., Tarkanyi, F. New isotope ^{145}Tb 1-45464
- Alkhozov, I.D.,** Dushin, V.N., Kovalenko, S.S., Kostochkin, O.I., Petrazhak, K.A., Shpakov, V.I., Arlit, R., Wagner, V., Wiedhaas, F., Grimm, V., Krause, R., Musiol, G., Ortlepp, H., Teichner, R. Fission cross sections of ^{235}U and ^{238}U to neutrons with an energy of 14.7 MeV 1-28507
- Alknaat, K.** see Van Poelgeest, A. 1-10320
- Alkaby, J.V.** see Diddens, A.N. 1-14747, 1-23998
- Alkaby, J.V.** see Jonker, M. 1-10194, 1-14432, 1-45258
- Alkaby, M.,** Lovelock, J. Wood stoves: the trendy pollutant 1-32505
- Aliaf, K.** see Rouanet, A. 1-4080
- Aliahyari, H.** see Rothwell, A. 1-41965
- Allain, C.,** Berard, M., Lallemand, P. Thermal diffusivity of glycerol at the liquid-glass transition 1-11923
- Allain, C.,** Lallemand, P. Study of forced Rayleigh light scattering by a fluid mixture with chemical reaction 1-31162
- Allais, G.** see Studer, F. 1-20624, 1-20725
- Allakhverdiev, K.R.,** Babaev, S.S., Salaev, E.Yu., Tagyev, M.M., Vinogradov, E.A., Goncharov, A.F., Melnick, N.N., Subbotin, S.I., Panfilov, V.V. Raman scattering in GaTe under hydrostatic pressure 1-8073
- Allakhverdiev, K.R.,** Nizametdinova, M.A., Safarov, N.Yu., Vodopyanov, L.K., Golubev, L.V. Raman scattering in $\text{TiSe}_2\text{S}_{1-x}$ crystals 1-31149
- Allakhverdiev, K.R.,** Nizametdinova, M.A., Salaev, E.Yu., Sardary, R.M., Safarov, N.Yu., Vinogradov, E.A., Zhizhin, G.N. Vibrational properties of crystals with TiSe type structure 1-35042
- Allakhverdiev, K.R.** see Vinogradov, E.A. 1-3417
- Allakhverdova, T.S.** see Sarkisyan, A.S. 1-40137
- Allam, A.** see Zamanzadeh, M. 1-7458
- Allam, I.M.,** Akueze, H.C., Whittle, D.P. Influence of small Pt additions on Al_2O_3 scale adherence 1-35433
- Allam, I.M.** see Whittle, D.P. 1-31756
- Allam, S.H.,** El-Kheshin, M., El-Shawarbi, A. Lep-ton-pair production in a nucleon field 1-36867
- Allan, C.J.,** Fehrenbach, P.J. Operating characteristics of vanadium, platinum, and cobalt self-powered flux detectors on the X-6 pressure tube of the NRX reactor 1-50894
- Allan, C.J.,** Lynch, G.F. Signals produced by Inconel mineral insulated coaxial cables in neutron and gamma-ray fields 1-23833
- Allan, G.** see Lopez, J. 1-52432
- Allan, J.,** Hartman, P.G., Crane-Robinson, C., Aviles, F.X. The structure of histone H1 and its location in chromatin 1-32093
- Allan, J.B.** see Goldhammer, L.J. 1-48863
- Allan, M.,** Dannacher, J., Maier, J.P. Radiative and fragmentation decay of the cations of trans- and cis-1,3,5-hexatriene and of all trans-1,3,5-heptatriene in the $A(\pi^*)$ states, studied by emission and photoelectron-photoion coincidence spectroscopy 1-10851
- Allan, M.,** Wong, S.F. Dissociative attachment from vibrationally and rotationally excited HCl and HF 1-46139
- Allan, R.** New applications open up for silicon sensors: a special report 1-14108
- Allan, R.J.,** Dickinson, A.S. Electron scattering by state-selected polar molecules 1-1394
- Allara, D.L.,** Shaw, R. A compilation of kinetic parameters for the thermal degradation of n-Alkane molecules 1-9777
- Allara, D.L.** see Heritage, J.P. 1-8052
- Allara, D.L.** see Murray, C.A. 1-35035
- Allara, D.L.** see Roberts, R.F. 1-31316
- Allard, L.R.** see Eaker, C.W. 1-45878
- Allard, P.,** Duhaime, M., Thiry, P.S., Drouin, G. Use of gait simulation in the evaluation of a spring-loaded knee joint orthosis for Duchenne muscular dystrophy patients 1-44049
- Allary, M.** see Leterrier, F. 1-39956
- Allasia, D.,** Angelini, C., Bagnai, P., Baroni, G., Bartley, J.H., Bertrand-Coremans, G., Bisi, V., Breslin, A., Burhop, E.H.S., Carena, F., Casali, R., Ciapetti, G., Conversi, M., Davis, D.H., Di Libertò, S., Fantechi, R., Ferrer, M.L., Franzinetti, C., Gamba, D., Godfrey, L., Keane, D., Lamanna, E., Marzari, A., Marzano, F., Montwill, A., Nappi, A., Palazzi-Cerrina, C., Pazzi, R., Petrer, S., Piezzini, G.M., Romano, G., Romero, A., Saccon, J., Santonic, R., Sever, R., Stannard, F.R., Tolun, P., Tovee, D.N., Vilain, P., Wickens, J.H., Wilquet, G. Investigation of the decay of charmed particles produced in neutrino interactions 1-23495
- Allavena, M.** see Bouteiller, Y. 1-6158
- Allawadhi, K.L.** see Arora, S.K. 1-37150, 1-51174
- Allawadhi, K.L.** see Verma, S.L. 1-1149
- Allcock, G.R.** Ultraviolet stress compensation in the strained vacuum—an effective recipe for convergence 1-28156
- Allebach, J.P.** Analysis of sampling-pattern dependence in time-sequential sampling of spatiotemporal signals 1-37424
- Allebach, J.P.** Representation-related errors in binary digital holograms. A unified analysis 1-41619
- Allegre, G.** Polymer crystallization: the bundle model 1-38294
- Allegre, G.,** Ganazzoli, F. Configurations and dynamics of real chains. I. Polyethylene 1-46179
- Allegre, C.J.,** Dupre, B., Lambret, B., Richard, P. The subcontinental versus suboceanic debate. I. Lead-neodymium-strontium isotopes in primary alkali basalts from a shield area: the Ahaggar volcanic suite 1-40085
- Allegre, C.J.** see Condomines, M. 1-22308
- Allegre, C.J.** see Polve, M. 1-22266
- Allegrini, I.** Optical absorption constant of suspended particulate matter. An air pollution index 1-53738
- Allegrini, M.,** McKellar, A.R.W., Pinson, P. Spin-rotation and hyperfine parameters for the (001) excited vibrational state of NO_2 from infrared-radiofrequency double resonance 1-33484
- Allemann, M.,** Kellerhals, H., Wanczek, K.-P. A new Fourier-transform mass spectrometer with a superconducting magnet 1-5429
- Allen, B.P.,** Evans, T. Aggregation of nitrogen in diamond, including platelet formation 1-43345
- Allen, C.,** De La Herran, J., Johnson, H. A new observatory for Mexico 1-32618
- Allen, C.M.,** Simpson, J.H., Carson, R.M. The structure and variability of shelf sea fronts as observed by an undulating CTD system 1-35992
- Allen, C.S.,** Schatz, G.C., Van Duyn, R.P. Tunable laser excitation profile of surface enhanced Raman scattering from pyridine adsorbed on a copper electrode surface 1-12484
- Allen, D.A.** see Williams, P.M. 1-49686
- Allen, D.C.,** Scragg, T., Simpson, C.J.S.M. Low temperature fluorescence studies of the deactivation of the bend-stretch manifold of CO_2 1-10705
- Allen, D.M.,** Horne, D.F., Stevens, G.W.W. Evaluating the registration of mirror-image photorealist stencils 1-28086
- Allen, D.T.,** Asmussen, K.E., Moffette, T.R. Auxiliary shutdown and cooling systems of high temperature gas cooled reactors 1-41220
- Allen, G.** see Takeuchi, H. 1-52933
- Allen, G.C.,** Tucker, P.M. Early stages in the oxidation of magnesium, aluminum and magnesium/aluminum alloys. I. Exoelectron emission and long wavelength photoemission 1-39532
- Allen, G.L.,** Gile, W.W., Jesser, W.A. The melting temperature of microcrystals embedded in a matrix 1-20357
- Allen, H.C.** see Crabb, R.L. 1-39780
- Allen, H.V.** see Wildi, E. 1-8930
- Allen, J.,** Thomich, E. Temperature measurement and control using negative temperature coefficient thermistors 1-44917
- Allen, J.A.** see Van Allen, J.A.
- Allen, J.B.** Cochlear micromechanics—a physical model of transduction 1-32140
- Allen, J.D.** see Becker, R.S. 1-46721
- Allen, J.D., Jr.** see Carlson, T.A. 1-29038
- Allen, J.E.** Startup-engineering liaison—the Byron/Braidwood approach 1-18801
- Allen, J.E.** see Braithwaite, N.St.J. 1-15613
- Allen, J.H.** see Hernandez, G. 1-17714
- Allen, J.M.** A 100% passive solar underground greenhouse 1-39737
- Allen, J.P.** see Stapleton, H.J. 1-17344
- Allen, J.R.** see Van Holde, K.E. 1-8795
- Allen, J.R.L.** Lower Cretaceous tides revealed by cross-bedding with mud drapes 1-44186
- Allen, J.S.,** Nozette, S., Wilkening, L. A study of chondrule rims and chondrule irradiation records in unequilibrated ordinary chondrites 1-22744
- Allen, J.S.** see Enfield, D.B. 1-17600
- Allen, J.W.,** Diestler, D.J. On the calculation of classical time-autocorrelation functions: resolution of the Liouville operator 1-25130
- Allen, J.W.,** Diestler, D.J. Universal formulas for classical transport coefficients: the zero-frequency component 1-34211
- Allen, J.W.,** Diestler, D.J. Bounds on time-correlation functions via the infinite-order Maclaurin expansion 1-36559
- Allen, J.W.,** Wright, A.C., Connell, G.A.N. Hybridization, short range order, and entropy in metallic glass formation 1-30360
- Allen, J.W.** see Buhl, A.R. 1-28650
- Allen, J.W.** see Hayes, T.M. 1-21010
- Allen, J.W.** see Johansson, L.I. 1-12633
- Allen, J.W.** see Wright, A.C. 1-30056
- Allen, J.W.** see Van Allen, J.W.
- Allen, K.S.** see Meisner, J.S. 1-13342
- Allen, L.** see Quartey, E.L. 1-53545
- Allen, L.C.,** Huheey, J.E. The definition of electronegativity and the chemistry of the noble gases 1-37351
- Allen, L.C.** see Tse, Y.-C. 1-6155
- Allen, M.,** Pinto, J.P., Yung, Y.L. Titan: aerosol photochemistry and variations related to the sunspot cycle 1-49570
- Allen, N.K.** see Stewart, D. 1-39225
- Allen, N.L.,** Dring, D. Large and small ions formed in the atmosphere of a high-voltage laboratory during corona 1-46937
- Allen, N.L.,** Dring, D., Burger, S. The influence of humidity on positive impulse corona in a rod/plane gap 1-15707
- Allen, N.L.,** Teisseyre, Y., Ballereau, P., Goldmann, M. Electrical wind and ionic species formed by point-plane corona 1-20014

- Allen, P., Blitschaw, J., Grassler, H., Lanske, D., Schulte, R., Seyfert, H.H., Bockmann, K., Geich-Gimbel, C., Kokott, T., Nellen, B., Pech, R., Saarikko, H., Bosetti, P.C., Grant, A., Hulth, P.O., Morrison, D.R.O., Pape, L., Scott, W.G., Simopoulou, E., Wachsmuth, H., Aderholz, M., Schmitz, N., Wernhard, K.L., Wittek, W., Batley, R., Giles, R., Grossmann, P., Myatt, G., Perkins, D.H., Radjoicic, D., Renton, P., Saitta, B. Investigation of quark-singlet and gluon fragmentation functions in np interactions 1-14367
- Allen, P., Blitschaw, J., Grassler, H., Lanske, D., Schulte, R., Seyfert, H.H., Bockmann, K., Chchia, P., Geich-Gimbel, C., Heilmann, H.G., Kokott, T., Nellen, B., Pech, R., Bosetti, P., Cocconi, V.T., Conforto, B., Cundy, D.C., Grant, A., Haidt, D., Hulth, P.O., Kellner, G., Klein, H., Morrison, D.R.O., Orava, R., Pape, L., Schmid, P., Scott, W.G., Wachsmuth, H., De Wolf, E., Aderholz, M., Schmitz, N., Settles, R., Wernhard, K.L., Wittek, W., Batley, R., Giles, R., Grossmann, P., McGow, R., Myatt, G., Perkins, D.H., Radjoicic, D., Renton, P., Saitta, B. Single π^+ production in charged current neutrino-hydrogen interactions 1-36856
- Allen, P., Blitschaw, J., Grassler, H., Lanske, D., Schulte, R., Seyfert, H.H., Geich-Gimbel, C., Kokott, T., Nellen, B., Pech, R., Saarikko, H., Bosetti, P.C., Cundy, D.C., Grant, A., Hulth, P.O., Morrison, D.R.O., Pape, L., Peyrou, Ch., Scott, W.G., Simopoulou, E., Wachsmuth, H., Aderholz, M., Schmitz, N., Settles, R., Wernhard, K.L., Wittek, W., Batley, R., Giles, R., Grossmann, P., Myatt, G., Perkins, D.H., Radjoicic, D., Renton, P., Saitta, B. Non-factorization of the semi-inclusive neutrino-proton cross section 1-36857
- Allen, P.B. Theory of superconducting transition temperature, pair susceptibility, and coherence length 1-12225
- Allen, P.B. Phonons and the superconducting transition temperature 1-42887
- Allen, P.B., Cardona, M. Theory of the temperature dependence of the direct gap of germanium 1-47470
- Allen, P.B. see Ashkenazi, J. 1-38888
- Allen, P.B. see Khan, F.S. 1-34822
- Allen, P.D., Su, S., Muirhead, E.G. Analysis of photoneutron yield curves by the Variable Bin Penfold-Leiss method 1-28836
- Allen, P.J. see Mitchell, D.N. 1-13024
- Allen, R., Esterowitz, L., Klein, P.H., Nicolai, V.O., Zwickler, W.K. Laser damage in yttrium orthophosphate 1-29309
- Allen, R.E. see Eckardt, R.C. 1-29289
- Allen, R.E. see Esterowitz, L. 1-29288
- Allen, R.E. see Hjalmarson, H.P. 1-16344
- Allen, R.J. see Bosma, A. 1-36404
- Allen, S. see Takeuchi, H. 1-6396
- Allen, S.J. see Iskander, M.F. 1-53816
- Allen, S.L. see Marmar, E.S. 1-29901
- Allen, S.M. Foil thickness measurements from convergent-beam diffraction patterns 1-50101
- Allen, S.R., Jr. see Wilson, B.A. 1-12195
- Allen, T.H. see Ash, G.S. 1-46475
- Allen, T.H. see Carniglia, C.K. 1-37528
- Allen, T.H., Goddard, J.D., Schaefer, H.F., III. A possible role for triplet HCN^+ isomers in the formation of HCN and HNC in interstellar clouds 1-4066
- Allen, T.L., MacNab, J.R., Jefferis, R.P., III. VCM concentration in ambient air measurement using computer-controlled gas chromatographs 1-31965
- Allen, T.W., Vanderberg, V., Easter, J.R., Langford, F.L., Jr. Ex-core detector functions in a Westinghouse PWR 1-50860
- Allenby, R.J. see Webster, W.J., Jr. 1-54250
- Allendoerfer, R.D. see Sanford, T.J. 1-52853
- Allensworth, D.L. Interferometer for the determination of strains due to domain switching in ferroelectrics 1-14177
- Aller, L.H., Keyes, C.D. Theoretical models of planetary nebulae. IV. Influence of charge exchange between neutral hydrogen and doubly ionized oxygen 1-13825
- Aller, L.H., Keyes, C.D., Ross, J.E., O'Mara, B.J. A spectroscopic study of seven planetary nebulae in the Small Magellanic Cloud 1-44638
- Aller, L.H. see Czyzak, S.J. 1-22859
- Alley, C.O. Relativity and clocks 1-14052
- Alley, M. see Kunhardt, E.E. 1-38045
- Alley, R.E., Jr. The camera obscura in science and art 1-44739
- Aligaler, R.S. Some general input-output rules governing Hall coefficient behavior 1-34693
- Allia, P., Vinai, F. Influence of structural instabilities on the spontaneous magnetization of amorphous ferromagnets 1-7817
- Allia, P., Vinai, F. Annealing effects on permeability relaxation in amorphous ferromagnets 1-25983
- Allias, P. Settling time 1-32963
- Allibone, T.E., Sauderson, J.C. The influence of corona formation on the sparkover of rod-gaps stressed with DC voltage up to 1 million; the effect of conditioning on corona formation 1-15725
- Allibone, T.E., Sauderson, J.C. The measurement of DC voltages up to 1 MV using sphere-gaps and rod-gaps 1-20008
- Allinger, N.L., Burkert, U., Profeta, S., Jr. Ab initio calculations of the rotational potential functions for propylamine and ethylmethylamine 1-19077
- Allinger, N.L., Profeta, S., Jr. The torsional potential function for *n*-butane 1-10802
- Allinger, N.L. see Sprague, J.T. 1-19017
- Allington, R. see Meakin, G. 1-13049
- Allis, R.G., James, R. A natural-convection promoter for geothermal wells 1-8666
- Allison, D. see Staewen, W.S. 1-22083
- Allison, J. see Bartel, W. 1-18500, 1-45253, 1-45254
- Allison, J. see O'Neill, L.H., Jr. 1-50443
- Allison, R.F. see Villchur, E. 1-29499
- Allison, S.R. see Lim, T.S. 1-44405
- Allison, W., Feuerbacher, B. Rotationally inelastic molecule-surface scattering 1-31263
- Allison, W. see Lishawa, C.R. 1-37319
- Allkofer, O.C., Aubert, J.J., Bassompierre, G., Beck, K.H., Bertsch, Y., Besson, C., Best, C., Bohm, E., Botterill, D.R., Brasse, F.W., Broll, C., Carr, J., Charles, B., Clifft, R.W., Cobb, J.H., Coignet, G., Combley, F., Crespo, J.M., Dalpiaz, P.F., Dalpiaz, P., Dau, W.D., Davies, J.K., Declais, Y., Dobinson, R.W., Drees, J., Edwards, A., Edwards, M., Favier, J., Ferrero, M.L., Field, J.H., Flauger, W., Gabathuler, E., Gamet, R., Gayler, J., Ghez, P., Gossling, C., Haas, J., Hahn, U., Hamacher, K., Hayman, P., Hencakes, M., Jokisch, H., Kadyk, J., Korbel, V., Maire, M., Massonnet, L., Melissinos, A., Mohr, W., Montgomery, H.E., Moser, K., Mount, R.P., Moynot, N., Norton, P.R., Osborne, A.M., Payne, P., Peroni, C., Pessard, H., Pietrzyk, U., Rith, K., Rousseau, M.D., Schlosser, E., Schneegans, M., Sloan, T., Sproston, M., Stockhausen, W., Stier, H.E., Thernard, J.M., Thompson, J.C., Urban, L., Vivargent, M., von Holtey, G., Wahlen, H., Watson, E., White, V.A., Williams, D., Williams, W.S.C., Wimpenny, S.J. A large magnetic spectrometer system for high-energy muon physics 1-45773
- Allman, J.M. see Miezin, F.M. 1-39917
- Allman, P.G.C., Simmons, J.G. Quasistatic and nonequilibrium phenomena in MOS structures under the influence of a constant gate-current bias 1-20874
- Allmen, M. von see von Allmen, M.
- Allnatt, A.R., Allnatt, E.L. Point defect cluster concentrations and electrical conductivity in AgCl doped with CdCl₂ 1-11784
- Allnatt, A.R. see Melling, P.J. 1-31700
- Allnatt, A.R. see Watanabe, K. 1-41517
- Allnatt, E.L. see Allnatt, A.R. 1-11784
- Alloin, D., Laques, P., Pelat, D., Despiau, R. Bi-dimensional $\text{H}\alpha$ photometry over the nuclear region of NGC 1068 1-49816
- Alloin, D. see Stasinska, G. 1-40354
- Alfred, J.C. see Hofstetzer, J.H. 1-41142
- Allop, A.L., Chaplin, D.H., Murray, D.W., Stone, N.J. NMR-ON of ^{182}Ta and ^{183}Ta in Fe 1-34952
- Allub, R., Machiavelli, O., Balseiro, C., Alascio, B. Magnetic re-entrance in intermediate valence compounds 1-7842
- Allub, R., Wiccko, C., Alascio, B. Ce impurities in superconductors: Zero-bandwidth limit 1-42893
- Allum, C.J. The stability of argon-tungsten arcs operating on water cooled copper anodes at pressures of up to 14.8 atmospheres 1-15720
- Allwardt, A. see Moore, J.C. 1-13431
- Almaev, R.K., Pinchuk, S.D., Semenov, L.P., Volkovitsky, O.A. Propagation of CO₂-laser radiation in a turbulent cloud medium 1-40194
- Almairac, R. see Bon, A.M. 1-16568
- Almandos, J. Reyna see Reyna Almandos, J.
- Almasy, M.Y. see Krogness, J.C. 1-5918
- Almasy, R.J. see Reynolds, D.C. 1-8113
- Almazov, L.A., Smorodin, V.E., Tobvin, M.V. Water wetting of ultramicroheterogeneous surfaces of solids 1-52393
- Almberger, J., Hamamoto, J., Leander, G. Many-BCS-quasiparticle effects in rotational spectra 1-624
- Almehed, S. see Cockerill, D. 1-14742
- Almeida, A. see Sorge, G. 1-8014
- Almeida, C.E. de see de Almeida, C.E.
- Almeida, E.S. de see de Almeida, E.S.
- Almeida, F., Bhattacharya, G.C. Ripples on the sea bed in the Bombay Harbour area 1-54069
- Almeida, J.B. see Hall, P.G. 1-15296
- Almeida, M.J.M. de see De Almeida, M.J.M.
- Almeida, N.S., Miranda, L.C.M. Influence of direct transitions between spin branches on free-carrier absorption of ferromagnetic semiconductors 1-31111
- Almeida, R.M., Mackenzie, J.D. Infrared absorption and structure of chlorophosphate glasses 1-3386
- Almeida, S.P. see Deka, M. 1-51370
- Almeida Marques, S. de see De Almeida Marques, S.
- Almenas, K. A model for secondary containment pressure transient analysis 1-10465
- Almenas, K. A heat transfer correlation for saturated and superheated steam-air atmospheres 1-51861
- Almenningsen, A. see Traetteberg, M. 1-29134
- Almgren, F.J. see Thurston, R.N. 1-52056
- Almlof, J. see Nemukhin, A.V. 1-28853
- Almond, D.P., Blairs, S. Ultrasonic speed, compressibility, and structure factor of liquid cadmium and indium 1-46986
- Almond, D.P. see Cox, R.L. 1-26700, 1-52236
- Almond, E.A., Irani, R.S., Roebuck, B. A square indentation test for tool materials 1-4018
- Almond, P. see August, L.S. 1-22137
- Almond, P.R. see Chu, J.C.H. 1-23977
- Almubarak, M.A., Wood, A. Chemical effects of discharges 1-17110
- Alnagi, O., Zinoune, M., Gleizes, A., Dartigue-nave, M., Dartigue-nave, Y. Paramagnetic cobalt (II) complexes with trimethylphosphite: molecular and crystal structure of the two new pentacoordinate compounds $\text{CoCl}_2(\text{PMe}_3)_3$ and $[\text{Co}(\text{PMe}_3)_4]\text{BF}_4$ 1-52123
- Aloisi, G.G. see Birks, J.B. 1-1268
- Alons, P.W.F., Blok, H.P., Van Hienen, J.F.A., Blok, J. Multistep processes in the $^{26}\text{Mg}(p,d)^{25}\text{Mg}$ reaction at 24.0 MeV 1-28364
- Alonso, A. Accidents with damage to reactor core. A view of the accident in the TMI-2 power plant 1-28613
- Alonso, J.A. Surface dipole barrier in metals. Relation to the bulk electron density 1-30809
- Alonso, J.A., Balbas, L.C. A non local approximation to the correlation energy of inhomogeneous electron systems 1-47518
- Alonso, J.A., Iniguez, M.P. Solubility in nontransition homoalloyed alloys. Relation to the ionic radius 1-47240
- Alonso, J.A., Simozar, S. Prediction of solid solubility in alloys 1-38542
- Alonso, J.A. see Visnov, R. 1-16772
- Alonso, J.L. Conformation and dipole moment of tetrahydropyran-4-one by microwave spectroscopy 1-51191
- Alonso, J.L., Antolin, J., Azcoiti, V., Bravo, J.R., Cruz, A. Study of data on the associated momentum on the trigger side in high p_T hadron production 1-10278
- Alonso, J.L. see Azcoiti, V. 1-14330
- Alonso, J.L., Tarrach, R. (editor) Quantum Chromodynamics. Proceedings of the X.G.I.F.T. International Seminar on Theoretical Physics 1-13904
- Alonso, L.M. Schrodinger spectral problems with energy-dependent potentials as sources of nonlinear Hamiltonian evolution equations 1-77
- Alonso, L.M. Gel'fand-Dikii method and nonlinear equations associated to Schrodinger operators with energy-dependent potentials 1-18068
- Alonso, L. Martinez see Martinez Alonso, L.
- Alonso, M.G. World energy up to 2020: critical summary of detailed report published in 1978 by Conservation Commission of World Energy Conference. 1-31970
- Alonso, N., Beley, V.M., Chartier, P., Ern, V. Dye sensitization of ceramic semiconducting electrodes for photoelectrochemical conversion 1-35664
- Alonso, P.J. see Alcalá, R. 1-21238
- Alonso, S. see Puigercer, M. 1-49361
- Alonso, V.A., Chivite, F.S. Use of TLD 100 dosimeters for monitoring environmental doses of radiation in vicinity of nuclear plants. I 1-28707
- Alp, E. see Wong, H.H. 1-45681
- Alpa, G., Bozzo, E., Gambarotta, L. Some observations on the path stability in fracture propagation for biaxially stressed plates 1-37847
- Alpen, E.L., Powers-Risius, P., McDonald, M. Survival of intestinal crypt cells after exposure to high Z, high-energy charged particles 1-26961
- Alpen, U.V. see Haag, J. 1-32993
- Alper, B. see Daum, C. 1-14424, 1-28357
- Alperin, H.A. see Rhyne, J.J. 1-25888
- Alperovich, M.A., Votnov, M.P., Eremeeva, E.P., Trukhin, M.M., Yashchurzhinskaya, O.A. Formation of short-lived radicals by an Nd laser in phototropic liquids 1-8588
- Alperovich, M.A. see Emel'yanov, G.M. 1-15231
- Alpers, W., Schroter, J., Schlude, F., Muller, H.-J., Koltermann, K.P. Ocean surface current measurements by an L band two-frequency microwave scatterometer 1-54137
- Alpers, W.R., Rufenach, C.L. Image contrast enhancement by applying focus adjustment in synthetic aperture radar imagery of moving ocean waves 1-54292
- Alpert, B. see Lindqvist, L. 1-32088
- Alpert, D.J., Hopke, P.K. A quantitative determination of sources in the Boston urban aerosol 1-35727

- Alpert, J.C. see Geller, M.A. 1-22404
 Alpert, S.B. see Penner, S.S. 1-13071
 Alpert, Y. Tentative use of NSE in biological studies 1-35925
 Alport, M.J., d'Angelo, N. Bragg scattering of EM waves from ion-beam mode wave packets 1-38110
 Alpten, M. see Larsson, L. 1-6090
 Alquist, L.J. see Jung, G. 1-36904
 Alquist, L.J. see Lemmert, P. 1-28376
 Alric, R., Quatrefores, R., Comallonga, J. An electrocapillary flowmeter usable as a quantitative sweat detector 1-27020
 Als-Nielsen, J., Laursen, I. Upper marginal dimensionality. Concept and experiment 1-7866
 Als-Nielsen, J., Litster, J.D., Birgeaneau, R.J., Kaplan, M., Safinya, C.R. Lower marginal dimensionality. X-ray scattering from the smectic-A phase of liquid crystals 1-7082
 Als-Nielsen, J., Litster, J.K., Birgeaneau, R.J., Kaplan, M., Safinya, C.R., Lindegaard-Andersen, A., Mathiesen, S. Observation of algebraic decay of positional order in a smectic liquid crystal 1-2320
 Als-Nielsen, J. see Litster, J.D. 1-11852
 Alsmeyer, H., Barleon, L., Gunther, Cl., Muller, U., Reimann, M. Models and model experiments on the interaction of core melts and underlying materials 1-5875
 Alsenoy, C. Van see Van Alsenoy, C.
 Alshamami, K.M.M. A study of turbulent flow in ducts 1-11456
 Al'shin, B.I. see Abilov, G.S. 1-23247
 Alsborachi, G. see Wedler, G. 1-30848
 Alsmiller, F.S., Alsmiller, R.G., Jr., Gabriel, T.A., Lillie, R.A., Barish, J. A phenomenological model for particle production from the collision of nucleons at medium energies with fissile elements 1-50973
 Alsmiller, F.S. see Alsmiller, R.G., Jr. 1-50974
 Alsmiller, R.G., Jr., Gabriel, T.A., Barish, J., Alsmiller, F.S. Thermal-neutron flux generation by high-energy protons in thick uranium targets 1-50974
 Alsmiller, R.G., Jr. see Alsmiller, F.S. 1-50973
 Alspector, J. see LeBritton, J. 1-45299
 Alspector, J. see Youngquist, R. 1-5650
 Alsten, J. Van see Van Alsten, J.
 Alster, J. see Barnett, B.M. 1-23557
 Astrom, P., Nielsen, H. The dielectric function of Bi based on a two-band model 1-52510
 Alt, E.O. Practical approach to charged composite particle scattering 1-28424
 Altskii, Yu.M., Genkin, A.M. Spectra of pre-breakdown electroluminescence of the 6H polytype of silicon carbide 1-35099
 Altamirano, J.H. see Guel-Sandoval, S. 1-41625
 Altamirano, A., Baratta, G.B., Cassatella, A., Grasdalen, G.L., Persi, P., Viotti, R. Ultraviolet, optical, and infrared observations of the Herbig Be star HD 200775 1-17850
 Altamore, A., Smriglio, F., Bussoletti, E., Corsi, C.E., Rossi, L. A search for carbon stars in the AFGI catalogue 1-9487
 Altarelli, G. Lepton pair production in hadronic collisions 1-10245
 Altarelli, G. Phenomenology of flavordynamics 1-14258
 Altarelli, G., Curci, G., Martinelli, G., Petrarca, S. Weak non-leptonic decays beyond leading logarithms in QCD 1-50419
 Altarelli, M. Ge donors in GaP and the role of higher band minima in impurity theory 1-47534
 Altarelli, M. Substitutional donors and core excitons in many-valley semiconductors 1-47560
 Altarev, I.S., Borisov, Yu.V., Brandin, A.B., Ezhov, V.F., Ivanov, S.N., Kunstman, G.K., Lobashev, V.M., Nazarenko, V.A., Ryabov, V.L., Serebrov, A.P., Taldiev, R.R. A liquid hydrogen source of ultra-cold neutrons 1-28774
 Altdorfer, F., Blasco, M., Egberts, G., Finnis, M., Gundermann, J., Leimkuhler, K., Manthey, C., Ponitz, E., Rath-Nagel, S., Tosato, G. Energy modelling as an instrument for an international strategy for energy research, development and demonstration 1-35620
 Alte Da Veiga, L.M., Costa, M.M.R.R., De Almeida, M.J.M., De Andrade, L.R., Matos Beja, A. On the prediction of order in the σ phases on the basis of a sphere-packing model 1-46948
 Altens, E.G. see Oosterbroek, M. 1-52211
 Altens, W.F. van see van Altens, W.F.
 Altenhoff, W.J., Strittmatter, P.A., Wendker, H.J. Radio recombination lines in MWC 349 1-36421
 Altenhoff, W.J. see Wendker, H.J. 1-32699
 Altenkirch, R.A. see Vedhanayagam, M. 1-1911
 Altenloh, D.D., Russell, B.R. Electric dichroism spectroscopy in the vacuum ultraviolet. Dimethylsulfide and thirane 1-29009
 Alter, H.W. see Fleischer, R.L. 1-44005
 Al'terko, B.A., Volokitin, A.S., Rosinski, S.E., Rukhadze, A.A., Tarakanov, V.P. Nonlinear dynamics of a relativistic electron beam in a spatially bounded plasma 1-25004
 Alterovitz, S.A. Critical currents and pinning forces in the Pb-Ge system 1-52735
 Alterovitz, S.A. see Shapira, Y. 1-24662
 Altes, R.A. Echo phase perception in bat sonar? 1-49019
 Alti, G. De see De Alti, G.
 Altick, P.L. see Shin, H.K. 1-6358
 Altiero, N.J. see Wu, B.C. 1-51700
 Alting-Mees, H.R. see Ginenen, R.O. 1-9370
 Altintas, S. Dislocation glide through point obstacles: comparison of computer simulation results with experimental data 1-25269
 Altman, A. see Navon, I. 1-5801
 Altman, A.B. see Spiridonov, V.P. 1-29116
 Altman, A.D., Rakhimova, I.Sh. On interrelation between sedimentary cover formation and the Mohorovicic boundary displacement 1-4471
 Altman, R.M., Lytle, J.D. Optical-design techniques for polymer optics 1-51574
 Altman, V.A., Valakina, V.M., Gluskin, Ya.A., Melmelov, V.L., Moskvichev, A.N. Powder metallurgical composite materials with solid lubricants 1-39464
 Altman, V.A., Volkova, G.A., Gluskin, Ya.A., Kuznetsov, A.V., Melmelov, V.L. Effect of alloying on the interaction between the components of sintered materials containing solid lubricants and on the frictional characteristics of these materials 1-31678
 Altmann, J., Kohler, S., Lahmann, W. Fast current amplifier for background-limited operation of photovoltaic InSb detectors 1-18299
 Altmann, J., Lahmann, W., Weitkamp, C. Remote measurement of atmospheric N_2O with a DF laser lidar 1-13500
 Altmann, J., Pokrowsky, P. Sulfur dioxide absorption at DF laser wavelengths 1-13564
 Altmann, M. Activation effects due to runaway beams on TFR 1-24932
 Alton, G.D., Bridwell, L.B., Lucas, M., Moak, C.D., Miller, P.D., Jones, C.M., Kessel, Q.C., Antar, A.A., Brown, M.D. Single- and multiple-electron-loss-cross section measurements from 20-MeV Fe^{+} on thin gaseous targets 1-46104
 Alton, G.D., Roberto, J.B., White, C.W., Zuhre, R.A. Design features and focal properties of simple element two- or three-dimensional lens systems for decelerating intense ion beams to very low energies 1-23905
 Alton, G.D. see Compton, R.N. 1-19062
 Altschuh, J., Karstens, T., Kuball, H.-G. A cuvette and the technique for circular dichroism measurements of molecules oriented in a liquid crystal matrix 1-29145
 Altschuler, B.R. see Altschuler, M.D. 1-4386
 Altschuler, D.R. Evidence for rotation in compact extragalactic radio sources 1-36417
 Altschuler, M.D., Posdamer, J.L., Frieder, G., Manthey, M.J., Altschuler, B.R., Taboada, J. A medium-range vision aid for the blind 1-4386
 Altschuler, M.D., Tao Chang, Chu, A. Mathematical generation of three-dimensional phantoms and corresponding cone-beam X-ray projections 1-35884
 Al'tshuler, B.L., Aronov, A.G., Spivak, B.Z. Aaron-Bohm effect in disordered conductors 1-52594
 Al'tshuler, B.L., Lee, P.A., Khmel'nitzkii, D., Larkin, A.I. Magnetoresistance and Hall effect in a disordered two-dimensional electron gas 1-25685
 Al'tshuler, B.N. see Kudelin, Yu.I. 1-4035
 Al'tshuler, E.E. Large rain drops in the bright band 1-22444
 Al'tshuler, E.E., Telford, L.E. Frequency dependence of slant path rain attenuations at 15 and 35 GHz 1-9221
 Al'tshuler, G.B., Karasev, V.B., Studenikin, L.M. Four mirror non-adjustable cavity 1-1667
 Al'tshuler, L.V., Kruglikov, B.S., Sharipdzhanov, I.I. Calculations of a high-power underwater explosion taking vaporization into account using the generalized equation of state of water 1-46779
 Al'tshuler, S.A., Kurkin, I.N., Shlenkin, V.I. Investigation of phase relaxation under conditions of strong spin polarization 1-12426
 Altschuler, A.P. Seasonal and episodic trends in sulfate concentrations (1963-1978) in the Eastern United States 1-53730
 Altstetter, C. see Liu, R. 1-16876
 Altstetter, C.J. see Schuster, G.B.A. 1-16877
 Al'tudov, Yu.K., Bykovskii, Yu.A., Gruzin, P.L., Kasimovskii, A.A., Laptev, I.D., Petrikov, Yu.V. Structural state of tin atoms implanted in silicon 1-52163
 Al'tudov, Yu.K., Bykovskii, Yu.A., Neyolin, V.N. Miniature apparatus for direct ion implantation with a laser ion source 1-23369
 Al'tukhov, A.A., Zavaritskii, N.V., Suslov, I.M. On the sign of the thermopower in white tin 1-12099
 Al'tukhov, P.D. see Averkier, N.S. 1-52993
 Al'tundzhi, V.S., Lyubov, B.Ya. Influence of the nonstationarity effect on the rate of nucleation of martensitic crystals 1-30403
 Al'twegg, L. see von Burg, K. 1-8125
 Altwicker, E.R., Whitby, R.A., Lioy, P.J. Specific nonmethane hydrocarbons and their relationship to ozone in an eastern urban area, Manhattan 1-43838
 Alujevic, A., Skerget, P. An investigation of fuel element pellet-cladding interaction by finite element methods 1-783
 Alvar, K.R., Lukens, H.R., Lurie, N.A. Standardization of SNM containers 1-14597
 Alvarado, S.F. see Fuggle, J.C. 1-6218
 Alvarez, N.J., Hasegawa, H.K. An example of predictive rather than responsive safety research for fusion energy systems 1-6032
 Al'vares, O. see Yurovskii, Yu.F. 1-27446
 Alvarez, D.C. see Bjorklund, G.C. 1-26755
 Alvarez, D.C. see Burland, D.M. 1-46264
 Alvarez, E. Phase transition to quark matter in neutron stars 1-32721
 Alvarez, J.M. see Bernabeu, E. 1-19158, 1-24224
 Alvarez, L.W., Asaro, F., Michel, H.V., Alvarez, W. Extraterrestrial cause for the Cretaceous-Tertiary extinction. Experimental results and theoretical interpretation 1-9157
 Alvarez, M. Energy balance from the chromosphere-corona transition region 1-9452
 Alvarez, M. see Diaz, R. 1-22159
 Alvarez, P. see Buitrago, J. 1-54418
 Alvarez, W. see Alvarez, L.W. 1-9157
 Alvarez Rivas, J.L. see Hodgson, E.R. 1-38599
 Alvarez-Claro, M. see Hita, E. 1-4277
 Alvarez-Estrada, D. see Diaz, C.C. 1-43348
 Alvarez-Estrada, R.F. One-meson production in low-energy meson-nucleon interaction: field theoretic approach 1-28345
 Alvarez-Estrada, R.F., Calvo, M.L., Juncos Del Egidio, P. Scattering of TM waves by dielectric fibres. Iterative and eikonal solutions 1-15278
 Alvarez-Estrada, R.F., Sudupe, A.M. Field theoretic approach to pion-nucleon interaction: renormalization of a physical nucleon 1-28203
 Alvarez-Falcon, J.M. Population synthesis of giant ellipticals. A composite approach 1-4974
 Al'vazov, A.A. see Glazov, V.M. 1-36704
 Alves, J.L.A. see Ribeiro, G.M. 1-12530
 Alves, M.A.F. see Leite, M.S.S.C.P. 1-28807
 Alves, M.A.F. see Salete, M. 1-23957
 Alves, O.L. see Hase, Y. 1-35019
 Ahis, D.L. see Odutola, J.A. 1-45809
 Alwani, V.G. see Gaikwad, M.G. 1-21105
 Alwar, R.S., Sekhar Reddy, B. The dynamic analysis of circular plates and shallow spherical shells 1-6815
 Alwya Wooten, H. see Clegg, R.E.S. 1-22770
 Aly, M.M., Khalil, Z.H. Metal complexes of the Schiff base derived from ortho-aminophenol and ethyl acetoacetate containing similar and dissimilar metal atoms 1-21712
 Alyab'ev, A.Ya., Shevelya, V.V., Gladchenko, A.N., Venediktov, V.A., Ryabov, A.Ya., Dolzhanskii, Yu.M. The resistance of thick-layer chromium coatings to fretting corrosion 1-31752
 Alyamovskaya, K.V., Chukhlantsev, V.G. Preparation of cesium metazirconate 1-35221
 Alyamovskii, S.I. see Ivanovskii, A.L. 1-34619
 Alyamovskii, S.I. see Zainulin, Yu.G. 1-30257
 Alyaydin, G.I. see Shelkovnikov, N.K. 1-32462
 Alybakov, A.A., Gubanova, V.A., Toichiev, N. Hyperfine structure of EPR spectra of Cr^{3+} ions in irradiated sodium dichromate crystals 1-21039
 Alybakov, A.A., Toichiev, N. EPR spectra of Cr^{3+} ions in KCl crystals 1-12392
 Alyev, A.T. see Ageev, U.Kh. 1-24169
 Alymov, V.T. see Vyshvanyuk, V.I. 1-15384
 Alzetta, G. see Zandomeneghi, M. 1-48708
 Alziary de Roquefort, T. see Ardonneau, P. 1-2032
 Amado, M.M., Sousa, J.B., Pinheiro, M.F., Pinto, R.P., Braga, M.E., Moreira, J.M., Hukin, D., Garton, G., Walker, P. Magnetic phase transitions in terbium single crystals 1-25940
 Amado, M.M. see Ausloos, M. 1-25700
 Amado, M.M. see Pinto, R.P. 1-25710
 Amado, M.M. see Sousa, J.B. 1-12269, 1-25702
 Amado, R.D., Lenz, F., McNeil, J.A., Sparrow, D.A. Comprehensive relations for hadron-nucleus inelastic excitations in terms of elastic scattering 1-14558
 Amador, C. see Keller, J. 1-47444
 Amagasaki, Y. see Matsumoto, Y. 1-26753
 Amagishi, Y., Hirose, A., Skarsgard, H.M. Heating of a toroidal plasma by a nonuniform radio frequency field 1-19915
 Amagishi, Y., Iguchi, H., Ito, Y., Kawabe, T., Mase, A. Probe measurements of fluctuations responsible for turbulent heating of plasmas 1-11572
 Amagishi, Y., Inutake, M., Akitsu, T., Tsushima, A. Non-axisymmetric Alfvén wave excited by a helical coupler 1-46886
 Amaglobeli, N.S. see Abdrhamanov, E.O. 1-722
 Amaglobeli, N.S. see Abesalashvili, L.N. 1-10273, 1-18526
 Amakawa, H., Mori, A., Nishioka, H., Yazaki, K., Yamaji, S. Adiabatic approximation for deuteron breakup effect 1-41118

- Amako, K. *see* Fukushima, M. 1-45770
 Amako, K. *see* Terada, S. 1-14415
 Amako, Y. *see* Watanabe, A. 1-50237
 Amaldi, U. *see* Diddens, A.N. 1-14747, 1-23998
 Amaldi, U. *see* Jonker, M. 1-10194, 1-14432, 1-45258
 Amamou, A. Manganese impurities and spin glass like properties in CuZr glassy metals 1-25931
 Amamou, A. d-band structure and atomic arrangement in Ni-Zr compounds 1-42683
 Amamou, A., Aliaga-Guerra, D., Panissod, P., Krill, G., Kuentzler, R. Electronic structure in amorphous and crystalline nickel phosphorides through photoemission, NMR and specific heat 1-25620
 Amamou, A., Johnson, W.L. Photoemission and electronic structure of Mo, Ru and amorphous MoRu and MoRuP 1-8193
 Amamou, A. *see* Ance, C. 1-48225
 Amamou, A. *see* Krill, G. 1-30799
 Aman, J.E., Karlhede, A. A computer-aided complete classification of geometries in general relativity. First results 1-32880
 Amanis, I.K., Kiyava, Ya.G. Correlation between temperature characteristics of paramagnetic centres and the lattice constants of α -quartz 1-12399
 Amann, J. *see* Ray, L. 1-41049
 Amano, J., Pianetta, P.A., Stolte, C.A. Thermal behavior of laser-annealed GaAs studied by helium backscattering spectroscopy 1-38391
 Amano, K. *see* Kawakubo, T. 1-43584
 Amano, K. *see* Suzuki, M. 1-870
 Amano, M., Nojima, K., Umemoto, T. Implementation of induction heating stress improvement (IHSI) to inservice piping 1-50765
 Amano, M. *see* Hirata, T. 1-47043
 Amano, R. *see* Yagi, M. 1-14514
 Amano, T. High-temperature oxidation behavior of Ni-20Cr-3Si alloys with small addition of cerium 1-26681
 Amano, T., Okamoto, M., Shimizu, K. Numerical analysis of sawtooth oscillation in low-q DIVA experiment 1-38139
 Amano, T., Okamoto, M., Shimizu, K. Numerical analysis of sawtooth oscillation in low-q DIVA experiment 1-46922
 Amano, T. *see* Lin, R. 1-42203
 Amano, T. *see* Shimizu, K. 1-46855
 Amar, F. *see* Kellman, M.E. 1-1204
 Amara, M.Y., Kafrouni, H., Vacque, S. Study of a SF₆ arc discharge at stationary state and during the decay 1-15724
 Amaranath, T. Taylor instability of superposed fluids for wave numbers near linear cut-off wave number 1-33944
 Amarasiri, V. *see* Slikin, M.A. 1-50120
 Amare, J.C., Bernabeu, E. Longitudinal orientation of electronic spin in heavy alkali-noble gas mixtures: Analytic expression for relaxation 1-14971
 Amaryan, M.J. *see* Alanakyan, K.V. 1-41100
 Amasovich, E.S. *see* Peletskii, V.E. 1-16273
 Amati, D., Bassetto, A., Ciafaloni, M., Marchesini, G., Veneziano, G. A treatment of hard processes sensitive to the infrared structure of QCD 1-597
 Amati, D., Virasoro, M.A. A stability criterion for tumbling patterns 1-45129
 Amato, M.A. *see* Ridley, B.K. 1-52521
 Amatuni, A.N., Kompan, T.A., Shevchenko, E.B., Pavlova, G.A. First-class standard measures for checking dilatimeters intended for the investigation of materials with very low values of thermal coefficient of linear expansion 1-15380
 Amatuni, A.N., Malyutina, T.I., Romanov, V.N., Shevchenko, E.B. The standards service for dilatometric measurements in the temperature range 90-18000K 1-15377
 Amatuni, A.N., Romanov, V.N., Malyutina, T.I. Processing the results of dilatometric measurements 1-27917
 Amatuni, A.N., Shevchenko, E.B., Kompan, T.A. Equipment for investigating the thermal expansion of materials with low rates of expansion 1-27920
 Amaya, A. *see* Mendez *see* Amaya, A.
 Amayenc, P. *see* Richmond, A.D. 1-9317
 Ambartsumyan, A.S. *see* Avakyan, A.L. 1-3526
 Ambartsumyan, R.V., Apatin, V.M., Evseev, A.V., Furzikov, N.P. Absorption of CF₄ laser radiation by UF₆ molecules 1-51209
 Ambartsumyan, S.A. On the problem of oscillations of the electroconductive plates in the transverse magnetic field 1-6826
 Ambats, I., Arenton, M.W., Ayres, D.S., Dawson, J., Diebold, R., May, E.N., Sauer, J.R., Walschon, E., Wicklund, A.B., Swallow, E.C. A recoil proton detector using cylindrical multiwire proportional chambers with delay-line cathode readouts 1-1026
 Ambe, F., Ambe, S. Mossbauer emission studies of defect ¹¹⁹Sb, ¹¹⁹Sb, and ^{119m}Ta atoms after nuclear decays and reactions in SnSb, SnTe, and Sb₂Te₃ 1-3302
 Ambe, S. *see* Ambe, F. 1-3302
 Amberger, E., Siefken, U. Non-epitaxial and epitaxial growth of Al₅Nb₃Si by sputtering 1-31346
 Ambery, P. *see* de Mendez, M. 1-51621
 Ambjorn, J. The effective potential and the bound states for a class of two dimensional gauge theories 1-443
 Ambjorn, J., Felsager, B., Olesen, P. Kinematics of periodic structures in SU(N) gauge theories 1-10076
 Ambjorn, J., Flyvbjerg, H. 'T Hooft's non-Abelian magnetic flux has zero classical energy 1-18375
 Ambjorn, J., Olesen, P. A color magnetic vortex condensate in QCD 1-5564
 Amblard, M., Berthoud, G., Carre, J., Reynolds, A.B., Sims, G. The EXCOBULLE experiments on the expansion of large two-phase bubbles 1-36990
 Amblard, M., Martin, R., Tenchine, D. Heat transfer by natural convection around a core-catcher plate [in LMFBR] 1-5869
 Ambraseys, N.N. *see* Wilson, C.J.N. 1-22306
 Ambrazeviciene, V.S., Brazis, R.S., Kunigelis, A.A. Temperature dependence of FTIR spectrum due to surface polaritons in semiconductor non-degenerate magnetoplasma 1-16552
 Ambrok, A.G. *see* Vorob'ev, M.A. 1-11744
 Ambros, R. *see* Schroeder, H.J. 1-939
 Ambrose, C.W. *see* Bandopadhyay, P.C. 1-29779
 Ambrose, D., Davies, R.H. The correlation and estimation of vapour pressures. III. Reference values for low-pressure estimations 1-25447
 Ambrose, D., Gundry, H.A. The vapour pressure of p-nitrotoluene 1-11843
 Ambrose, J.M., Hayhoe, M.M. Surround configuration and cone dark adaptation 1-8870
 Ambrosetti, A., Mancini, G. A free boundary problem and a related semilinear equation 1-2218
 Ambrosi, P., Schwink, Ch. Plasticity of FCC single crystals oriented for multiple slip 1-12828
 Ambrosini, R. *see* Tomassetti, G. 1-22394
 Ambrosone, G., Andretta, A., Bloisi, F., Catalanotti, S., Cuomo, V., Silverstrini, V., Vicari, L. Long-term performance of flat-plate solar collectors 1-39819
 Ambrosone, G., Andretta, A., Bloisi, F., Coluzzi, B., De Stefano, S., Formisano, G., Vicari, L. Solar system optimisation 1-39813
 Ambrozy, A. 1/f noise in (BaSr)TiO₃ (barrier-dominated contact noise) 1-52611
 Ambrozy, A. *see* Gottwald, P. 1-20252
 Amelin, N.S., Lykasov, G.I. Part of resonances in production of cumulative π mesons on nuclei 1-41016
 Amelinckx, S. *see* de Ridder, R. 1-7345
 Amelinckx, S. *see* Manolikas, C. 1-8302
 Amelinckx, S. *see* Van Dyck, D. 1-42270
 Amelinckx, S. *see* Van Sande, M. 1-30015
 Amel'yanovich, K.K., Goralk, E.T. Strength of glass under contact micropressure 1-31560
 Amel'yanovich, K.K., Podgorniy, L.N. Efficiency of brittle material composite shells having a round reinforced cut-out under cyclic loading by external hydraulic pressure 1-11358
 Amemiya, Y., Hashizume, H., Tameyasu, T., Tanaka, H., Sugi, H. Time-resolved X-ray diffraction from frog skeletal muscle during shortening against an inertial load and a quick release 1-13285
 Amemiya, Y. *see* Sakai, S. 1-11174
 Amemiya, Y. *see* Tobe, M. 1-6681
 Amend, J.R. *see* Dewalt, F.G. 1-50219
 Amendola, A., Reina, G. Event sequences and consequence spectrum: A methodology for probabilistic transient analysis 1-45634
 Amendolia, S.R., Batignani, G., Bedeschi, F., Bertolucci, E., Bosio, L., Bradaschia, C., Budinich, M., Fidecaro, F., Foa, L., Focardi, E., Giazotto, A., Giorgi, M.A., Gioviotti, M., Marrochiesi, P.S., Menzione, A., Passuello, D., Quaglia, M., Ristori, L., Rolandi, L., Salvadori, P., Scribano, A., Stanga, R., Stefanini, A., Vincelli, M.L. A multi-electrode silicon detector for high energy experiments 1-18960
 Amendolia, S.R., Batignani, G., Bertolucci, E., Bosio, L., Bottigli, U., Bradaschia, C., Budinich, M., Fidecaro, F., Foa, L., Giazotto, A., Giorgi, M.A., Liello, F., Marrochiesi, P.S., Menzione, A., Quaglia, M., Ristori, L., Rolandi, L., Scribano, A., Stanga, R., Stefanini, A. A set of drift chambers built for the FRAMM-NA1 spectrometer 1-18961
 Amendolia, S.R., Batignani, G., Bertolucci, E., Bosio, L., Bradaschia, C., Budinich, M., Fidecaro, F., Foa, L., Focardi, E., Giazotto, A., Giorgi, M.A., Gioviotti, M., Marrochiesi, P.S., Menzione, A., Passuello, D., Quaglia, M., Ristori, L., Rolandi, L., Salvadori, P., Scribano, A., Stefanini, A., Vincelli, M.L. Construction and performance of a silicon target for the decay-pair measurement of long-lived mesons 1-18959
 Amer, N.M. *see* Fournier, D. 1-13046
 Amer, N.M. *see* Gerlach, R. 1-18302
 Amer, N.M. *see* Yasa, Z.A. 1-41732, 1-51535
 Amerigian, C. *see* Ellwood, B.B. 1-27063
 Amerine, D.B., Tollbom, L.R., Danker, W.J. FFTF fuel loading and handling equipment 1-18849
 Ames, J.R.W., Blyth, W.L. PE Diametric update 1-14200
 Ami, S., Young, W. Bulk susceptibilities in itinerant antiferromagnetic alloys 1-30924
 Amidi, M. *see* Haghighpour, A. 1-53992
 Amiel, J. *see* Flandrois, S. 1-34931
 Amijima, S., Fujii, T. On the fracture behavior of FRP subjected to the impact compression. III. The effect of anisotropic properties of FRP on the characteristics of the impact compressive fracture 1-31610
 Amijima, S. *see* Tanimoto, T. 1-48505
 Aminoto, S.T., Whittier, J.S., Lundquist, M.L., Ronkowski, F.G., Hofland, R., Jr. Pulsed chemical laser with variable pulse-length E-beam initiation and magnetic confinement 1-51470
 Amin, A., Newnham, R.E. Tertiary ferroics 1-7122
 Amin, A., Newnham, R.E., Cross, L.E., Nomura, S., Cox, D.E. Ordering in Pb(Mg_{1/2}Nb_{1/2})O₃-Pb(Mg_{1/2}W_{1/2})O₃ solid solutions 1-38355
 Amin, M. *see* about Sekkina, M.M. 1-47640
 Amin, M. *see* Mitra, S.C. 1-52075
 Amino, S. *see* Inada, T. 1-8916
 Aminov, L.K., Tagirov, M.S., Teplov, M.A. Spin-lattice relaxation of the nuclei of paramagnetic ions in highly anisotropic Van-Vleck paramagnets 1-12421
 Aminov, T.G. *see* Bashkurov, Sh.Sh. 1-20958
 Aminov, T.G. *see* Borukhovich, A.S. 1-38933
 Aminov, T.G. *see* Golik, L.L. 1-3375
 Aminov, T.G. *see* Lyashenko, N.I. 1-30933
 Amiot, C. *see* Maillard, J.P. 1-19090
 Amiranoff, F. *see* Fabre, E. 1-11577
 Amiraslanov, I.R., Dzhaforov, N.Kh., Nadzhafov, G.N., Mamedov, Kh.S., Movsumov, E.M., Guseynov, B.T. An X-ray structural study of complexes of p-aminobenzoic acid with metals. V. Crystal and molecular structure of BIS(p-amino-benzoato)lead(II) 1-42356
 Amiraslanov, I.R., Dzhaforov, N.Kh., Nadzhafov, G.N., Mamedov, Kh.S., Movsumov, E.M., Guseynov, B.T. An X-ray structural study of the complexes of p-aminobenzoic acid with metals. VI. The crystals and molecular structure of nitrate-(p-aminobenzoato)lead(II) 1-42357
 Amiraslanov, I.R., Mamedov, Kh.S., Movsumov, E.M., Musaev, F.N., Nadzhafov, G.N. X-ray crystallographic investigation of the complexes of p-aminobenzoic acid with metals. IV. Crystal and molecular structure of di(p-aminobenzoato)tetraaquacobalt(II) 1-25253
 Amirav, A., Even, U., Jortner, J. Cooling of large and heavy molecules in seeded supersonic beams 1-6332
 Amirav, A., Even, U., Jortner, J., Kleinman, L. Coherent dynamics of multilevel systems 1-24202
 Amirkhanyan, V.R., Gorshkov, A.G. Observations of the object SS 433 at 3.9 GHz 1-54522
 Amirkhanyan, V.R. *see* Berlin, A.B. 1-17898
 Amirov, R.Kh., Ivanchenko, V.A., Klimov, B.N., Naumenko, G.Yu. Influence of a high-frequency current on the propagation of an electromagnetic wave in a semiconductor 1-30776
 Amirov, Yu.Yu. Visual observation of impurity decay in silicon 1-52128
 Amirov, Yu.Yu., Lyubchik, B.G., Mazurik, N.E. Contactless determination of the i-region front in Li-drifted detectors 1-23979
 Amis, A.A., Dowson, D., Wright, V. Elbow joint force predictions for some strenuous isometric actions 1-17433
 Amis, A.A., Dowson, D., Wright, V. Analysis of elbow forces due to high-speed forearm movements 1-35795
 Amit, D.J., Kotliar, G.B. Non-linear σ -model and CP⁽ⁿ⁻¹⁾ at 2+ε dimensions 1-5480
 Amit, D.J., Shang-keng Ma, Zia, R.K.P. The O(n)-symmetric model between two and four dimensions 1-40935
 Amittin, L.N., Anistratov, A.T., Kuznetsov, A.I. Comparison of the electronic structure of CsPbCl₃, PbCl₂ and CsCaCl₃ on the basis of optical spectroscopy data 1-16230
 Amlinger, H., Lerch, G. Quasi-zero discharge of radioactive gases from nuclear installations by means of low temperature distillation 1-14642
 Ammann, D. *see* Lanter, F. 1-53493
 Ammar, A.S.A., Okaz, A.M., Tooma, N.D. Thermal and electrical conductivities of dilute Ni base Mn alloys in the ferro-paramagnetic phase transition region 1-16442
 Ammar, R. *see* Derrick, M. 1-45261
 Amme, R.C. *see* van Zyl, B. 1-37302
 Ammerlaan, C.A.J. *see* Burgemeister, E.A. 1-2511
 Ammeter, J. *see* Daul, C. 1-52826
 Ammeter, J.H. Electronic lability in orbitally (near) degenerate molecules 1-51084
 Ammingner, W.L. Flow distribution analysis 1-29789
 Ammon, R.L. *see* Summers, W.A. 1-53699

- Amosov, V.V.**, Denisov, A.G., Ermolov, P.F., Gapienko, G.S., Gapienko, V.A., Klukhin, V.I., Koreshev, V.I., Pitukhin, P.V., Sirotenko, V.I., Slobodsky, E.A., Usobov, A.V., Zaetz, V.G., Berge, J.P., Bogert, D., Endorf, R., Hanft, R., Maiko, J.A., Moffatt, G.I., Neznick, F.A., Orava, R., Wolfson, J., Efremenko, V.I., Fedotov, A.V., Gorichev, P.A., Kaftanov, V.S., Kliger, G.K., Kolganov, V.Z., Krutichin, S.P., Kubantsev, M.A., Makhlyueva, I.V., Shekhejyan, V.I., Shevchenko, V.G., Bell, J., Coffin, C.T., Roe, B.P., Seidl, A.A., Sinclair, D., Wang, E. Charged current events with neutral strange particles in high-energy antineutrino interactions 1-40980
- Amosov, V.V.** see Efremenko, V.I. 1-33173
- Amois, H.I.**, Kittell, R., Paciotti, M.A., Hellend, J.A. Preclinical studies of dynamic treatment modes in pion therapy 1-22116
- Amokrame, A.** see Stoquert, J.P. 1-28831
- Amokrame, S.**, Badiali, J.P., Rosinberg, M.L., Goudisman, J. A model for the calculation of surface energy and surface tension of liquid metals 1-30526
- Amols, H.I.**, Buchell, G., Klugel, W., Matthay, H., Moline, A., Munchmeyer, D. Multiple scattering distributions for therapeutic pion beams 1-49063
- Amols, H.I.** see Hogstrom, K.R. 1-27005
- Amoros, J.**, Solana, J.R., Villar, E. Application of the significant structures theory to the study of viscosity and diffusion of inert liquids 1-52326
- Amos, A.T.**, Van Den Berge, C.S., Yoffe, J.A. The Heitler-London interaction energy using the oscillator model 1-29082
- Amos, H.** see Robertson, J.C. 1-49141
- Amos, K.**, Morrison, I., Smith, R. Intermediate giant resonance excitation effects in direct reaction (p,pn) correlations 1-36936
- Amos, K.**, Nesci, P., Morrison, I. A comparison of spectroscopic models of low excitation 2^+ states in ^{24}Mg and ^{28}Si from inelastic proton-scattering 1-41105
- Amos, K.** see Rikus, L. 1-18646
- Amosov, A.P.** Heating of solids by friction with wear 1-33935
- Amosov, A.V.** Complex structure of the 4.4 eV luminescence band in vitreous silica 1-43177
- Amosse, J.**, Matieu, J.C. The enthalpies of formation of FeWO_4 , MnWO_4 , and their solid solutions 1-2638
- Amoureux, J.P.**, Bee, M., Viret, J. Anisotropic molecular reorientations of adamantane in its plastic solid phase: ^1H NMR relaxation study in solid solutions of $\text{C}_{10}\text{H}_{16}$ and $\text{C}_{10}\text{D}_{16}$ 1-11702
- Amoureux, J.P.**, Castelain, M., Bee, M., Arnaud, B., Shouteint, M.L. An NMR study of molecular motions in the plastic phases of 1-cyanoadamantane 1-43023
- Amoureux, J.P.**, Sauvajol, J.L., Bee, M. A symmetry-adapted analysis of plastic crystals. Application to 1-cyanoadamantane at room temperature 1-34191
- Amoureux, J.P.** see Bee, M. 1-11642, 1-11703
- Amoussou, D.**, Wandji, R. Crystal chemistry of thallium pentaborate tetrahydrate: $\text{TlB}_5\text{O}_4 \cdot 4\text{H}_2\text{O}$ 1-2401
- Amouyal, E.** see Monti, S. 1-29016
- Ampelb, R.** see Yankevich, Ch. 1-23058
- Amplatz, K.**, Crass, J., Moore, R., Korbuty, D., Kotula, F., Castaneda-Zuniga, W.R. Changerless peripheral angiography: a new concept 1-26999
- Amrein, O.** Current state and development trends of recording methods used in electrical line recorders 1-27951
- Amromin, S.D.**, Tsapenko, M.P. The telepower measuring systems and their possible application in medicine, biology and sport 1-32298
- Amstutz, H.** see Corne, A. 1-41985
- Amtey, S.R.** see Cohen, G. 1-43968
- Amtey, S.R.** see Israel, J.W. 1-22119
- Amtey, S.R.** see Wagner, L.K. 1-40006, 1-40913
- Anthauer, G.**, Langer, K., Schliestedt, M. Thermally activated electron delocalization in deirite 1-16516
- Amundsen, P.A.**, Aashamar, K. Structures in the K-shell δ -electron spectrum near threshold for ionisation by fast charged particles 1-46067
- Amundsen, P.A.** see Aashamar, K. 1-41467
- Amundsen, P.A.** see Jakubassa-Amundsen, D.H. 1-10837, 1-19181
- Amundsen, T.**, Salter, J.A.M. Note on the low-temperature lattice thermal conductivity of potassium 1-47312
- Amundson, N.R.** see Sundaresan, S. 1-29764
- Amundson, P.L.**, Brumbach, S.B., Cobb, D.D., Sapir, J.L. International safeguards for fast critical facilities 1-50795
- Amusa, M.Ya.**, Dolmatov, V.K. Electron drag by light of resonant frequencies 1-24951
- Amusia, M.Ya.** Rearrangement effects in photoionization 1-28931
- Amusia, M.Ya.**, Ivanov, V.K., Chernysheva, L.V. Peculiarities of the photoionisation cross section of the Mn atom 1-33434
- Amuzu, J.K.A.** Sliding friction of copper 1-12879
- Amuzu, J.K.A.** The effect of tensile stress on the thermoelectric EMF in copper, gold, and silver 1-52548
- An, C.-H.**, Bateman, G. High-n ballooning modes in highly elongated Tokamaks 1-46873
- An, H.** see Ikeda, S. 1-4577
- An, K.N.** see Chao, E.Y. 1-49149
- An, S.** see Oka, Y. 1-10416
- An, Jyong Chi** see Jyong Chi An
- An Li Bing** see Bing An Li
- An Nguyen Ba** see Nguyen Ba An
- An-Ban Chen**, Sher, A. Electronic structure of III-V semiconductors and alloys using simple orbitals 1-20629
- An-dung Zhang** see Zhang An-dung
- An-Ti Chai** see Evans, J.C., Jr. 1-48856
- An-yun Xie** see Xie An-yun
- Anafi, D.** see Freeman, R.H. 1-46396
- Anagnostatos, G.S.** Symmetry description of the independent particle model 1-5709
- Anagnostatos, G.S.**, Panos, C.N. The angular structure of nuclei from deuteron to carbon 1-28395
- Analytis, G.Th.** A three-dimensional theoretical investigation of the local and global component of neutron noise in bare homogeneous water moderated reactors and applications 1-731
- Anand, J.D.**, Bhattacharjee, P., Biswas, S.N. Quark matter core in neutron star 1-9555
- Anand, J.D.**, Bhattacharjee, P., Biswas, S.N., Hasan, M. Paramagnetism of hot magnetic neutron gas 1-49703
- Anand, J.D.**, Biswas, S.N., Hasan, M. Magnetic moment of relativistic quark gas in intense magnetic field 1-5577
- Anand, L.**, Spitzig, W.A. Initiation of localized shear bands in plane strain 1-33917
- Anand, M.S.** see Pande, B.M. 1-7212
- Anandababu, L.** see Seshagiri Rao, S.V. 1-49407
- Anandan, J.** Quantum interference and the classical limit 1-10111
- Anandan, J.S.**, Morrison, H.L. On the quantization of vortices in superfluid helium 1-34528
- Anan'ev, E.P.** see Sedov, V.M. 1-28528
- Anan'ev, Yu.F.** see Blaivas, A.S. 1-34024
- Anan'eva, G.V.**, Baranova, E.N., Zarzhitskaya, M.N., Ivanova, I.A., Koryakina, L.F., Petrova, M.A., Podkolzina, I.G., Semenov, T.S., Yagmurova, G.P. Growth and physicochemical investigation of single crystals of tysonite solid solutions ($\text{Y}_2\text{Ln}_2\text{O}_7$ - Sr_2F_3) 1-39232
- Anan'evskii, V.A.** see Lokhvitskii, Yu.L. 1-35397
- Ananich, N.I.**, Galaktionova, E.M., Shelyubskii, V.I. Radiation-optical stability of high silica glasses 1-42421
- Ananikyan, N.S.**, Savvidi, G.K. Generalized effective potential and its equations of motion 1-18383
- Anan'in, P.S.**, Sidulenko, O.A., Fotin, E.V. Measurement of time of spark formation in a spark chamber for α and β particles 1-1009
- Anan'in, P.S.** see Adishchev, Yu.N. 1-34384
- Ananjev, V.D.**, Blokhine, D.I., Bulkin, J.M., Bunin, B.N., Vorobjev, E.D., Dolezal, H.A., Luscsikov, B.I., Osztanecis, J.M., Szmiron, B.S., Franck, I.M., Hrijastov, N.A., Sabalin, E.P., Saranov, E.I., Jazvickij, J.S. IBR-2 periodically operating, pulsed reactor for neutron research 1-28690
- Anantraman, N.** Ground-state (p,t) cross sections for sd-shell nuclei 1-705
- Ananth, K.P.** see West, T.E. 1-53687
- Ananth, V.**, Bose, S.K., Sircar, S.C. Effect of impressed current and short-circuiting on the growth of Cu_2O layer on copper exposed to dry air at 1123K 1-3985
- Anantha Lakshmi, P.** see Agarwal, G.S. 1-24071
- Ananthakrishnan, S.**, Coles, W.A., Kaufman, J.J. Microturbulence in solar wind streams 1-40296
- Ananthapadmanabha, T.V.** Formant ratios on mel scale for male/female and male/child speakers 1-33856
- Ananthapadmanabha, T.V.** On the nonlinear formant ratios of male/female and male/child speakers 1-41925
- Anantharaman, V.** see Chrysochoos, J. 1-26271
- Anashenko, V.N.**, Gulyaev, A.P. Nitride hardening of pure iron and iron-base alloys 1-43355
- Anaskin, I.F.** see Stoyanov, P.A. 1-36774
- Anastasio, M.R.**, Celenza, L.S., Shakin, C.M. Nuclear saturation as a relativistic effect 1-28407
- Anastasio, M.R.**, Celenza, L.S., Shakin, C.M. Boson-exchange potentials and the nucleon potential energy in nuclear matter 1-36918
- Anastasio, M.R.** see Muther, H. 1-5707
- Anastasiou, N.** see Perram, J.W. 1-52884
- Anastassakis, E.**, Grimditch, M., Cardona, M. Laser modulated absorption in diamond 1-26238
- Anastassakis, E.** see Bauhofer, W. 1-35039
- Anastassakis, E.M.** Morphic effects in lattice dynamics 1-38482
- Anastasiadis, A.J.**, Sideris, E. Energy losses due to an ion-acoustic wave instability in a plasma 1-34062
- Anatha Krishnaiah, U.** see Jain, M.K. 1-54351
- Anati, D.A.** A parametrization of the geometry of sea straits 1-27150
- Anbar, M.** see Odom, R.W. 1-24241
- Ance, C.**, Amamou, A. Photoemission spectra of the ternary alloy $\text{Ga}_{1-x}\text{Al}_x\text{Sb}$ 1-48225
- Ancele, B.**, Sabonnadiere, J.C. Numerical solution of 3D magnetic field problems using boundary integral equations 1-10885
- Anchishkin, D.V.** On problem of nonrelativistic approximations to the Dirac equation 1-472
- Ancona, A.** SIMULATE: BWR radial albedo boundary condition and spectrum correction factor verifications 1-23813
- Ancona, A.**, Grow, R., Ho, C., Shafer, E. PSMS: Gamma scan verification of the VWR radial albedo boundary condition and spectrum correction factor usage 1-50865
- Ancona, M.G.**, Tiersten, H.F. Fully macroscopic description of bounded semiconductors with an application to the Si-SiO₂ interface 1-42842
- Antcl, J.C.** see MacPherson, R.W. 1-39190
- Anda, E.V.** see Makler, S.S. 1-12316
- Anda, E.V.** see Ure, J.E. 1-7473
- Andeen, C.** see Fontanella, J.J. 1-3326
- Andeen, C.G.** see Link, J. 1-3313
- Andeen, C.G.** see Wintersgill, M.C. 1-31086
- Andelman, D.** see Berker, A.N. 1-5261
- Anderegg, G.** Thermodynamics of complex formation with multidentate ligands 1-12965
- Anderhub, H.**, Devereux, M., Seiler, P.G. On a new method for testing and calibrating wire chambers 1-14760
- Anderko, K.** Examination of heat-resisting martensitic 12% chromium steel for components in fast breeder reactors—review 1-18747
- Anderl, R.A.** see Ryskamp, J.M. 1-50858
- Anderle, M.**, Bassi, D., Iannotta, S., Marchetti, S., Scoles, G. Measurement of the spin-exchange cross section in the collision of H atoms with O₂ and NO by means of stored atomic-beam spectroscopy 1-24235
- Andermann, G.** Evaluation of DESY/DORIS and conventional X-ray sources for high resolution molecular X-ray emission studies above 10 Å 1-23389
- Andermann, G.** see Fujiwara, F. 1-8151
- Andermach, H.**, Schallwich, D., Haslam, C.G.T., Wiebleinski, R. A radio survey of clusters of galaxies. IV. 11.1 cm observations of 19 Abell clusters in total intensity and polarization 1-49831
- Andersson, Y.** see Chandra, R. 1-26087
- Anders, A.** Laser fluorescence spectroscopy of biomolecules 1-35749
- Anders, A.**, Aufmuth, P., Bottger, E.-M., Tronnier, H. Spectroscopic properties of human skin and photodestruction of tumors 1-35808
- Anders, A.**, Aufmuth, P., Bottger, E.-M., Tronnier, H. The application of dye lasers in photodermatology 1-35875
- Anders, A.G.** see Elchaninov, S.D. 1-47941
- Anders, B.** see Wendler, W.-M. 1-23631
- Anders, E.** Noble gases in meteorites: evidence for presolar matter and superheavy elements 1-36231
- Anders, E.** see Hayatsu, R. 1-44515
- Anders, E.** see Matsuda, J. 1-49582
- Anders, E.** see Whittaker, A.R. 1-44514
- Anders, E.E.**, Zvyagin, A.I., Shestachenko, L.S. Heat capacity anomalies in $\text{CsDy}(\text{MoO}_4)_2$ near the phase transition 1-20416
- Anders, J.B.**, Blackwelder, R.F. Longitudinal vortices in a transitioning boundary layer 1-42032
- Andersen, E.F.** Temperature effects on dispersion and propagation delay in multifibre cables 1-11149
- Andersen, G.R.** see Wheeler, J.C. 1-34468
- Andersen, H.H.**, Bay, H.L. A survey of sputtering-yield data for plasma-wall interaction calculations 1-24996
- Andersen, J.**, Clausen, J.V., Nordstrom, B., Reipurth, B. Four-colour photometry of eclipsing binaries. XIII. Lightcurves of TY Pyxidis 1-36336
- Andersen, J.** see Thiel, G. 1-11283
- Andersen, J.A.** Safeguards sample shipping: design and development of the lightweight air-transportable accident resistant container (LAARC) 1-14624
- Andersen, J.R.** see Bechgaard, K. 1-42763
- Andersen, J.U.**, Jensen, A.S., Laegsgaard, E., Nielsen, K.O., Forster, J.S., Mitchell, I.V., Ward, D., Gibson, W.M. The role of blocking life-time measurements in the study of heavy-ion-induced fission 1-50687
- Andersen, N.H.** Electrical resistivity investigations on metallic rare-earths 1-20706
- Andersen, N.H.**, Kjems, J.K., Vogt, O. Temperature variation of the magnetic structure of HoSb 1-3140
- Andersen, N.O.** Collisional excitation in quasi-one-electron systems 1-14996
- Andersen, O.K.**, Johansson, B., Skriver, H.L. Band-structure and cohesion of the actinide metals 1-47443
- Andersen, O.K.** see Glotzel, D. 1-20621
- Andersen, O.K.** see Johansson, B. 1-47529
- Andersen, P.** see Klein, S.A. 1-8685

- Andersen, P.S., Wurtz, J. Adiabatic steam-water annular flow in an annular geometry 1-51857
- Andersen, T., Bisgaard, P., Horsdal-Pedersen, E. Formation of excited Mg^+ states in Mg^{++} -Mg collisions (20-500 keV) 1-1137
- Andersen, T., see Bisgaard, P. 1-19177
- Andersen, T.B. Automatic computation of optical aberration coefficients 1-19272
- Andersen, T.N., Schlitt, W.J., Vanorden, N. Effects of nitrogen oxides, sulfur dioxide, and ferric ions on the corrosion of mild steel in concentrated sulfuric acid 1-8476
- Andersen-Gott, T., see Eriksrud, M. 1-46562
- Anderson, A., Chieh, C., Irish, D.E., Tong, J.P.K. An X-ray crystallographic, Raman, and infrared spectral study of crystalline potassium uranyl carbonate, $K_2UO_2CO_3$ 1-20134
- Anderson, A., see Andrews, B. 1-43106
- Anderson, A., see Durand, D. 1-21202
- Anderson, A., see Warburton, J.A. 1-22372
- Anderson, A., see Yoshihara, A. 1-6266
- Anderson, A.B. Structure and electronic properties of α -quartz from SiO_2 and Si_3O_4 models 1-20135
- Anderson, A.B., Hubbard, A.T. Theoretical determination of the structure of acetylene on Pt(111) 1-17106
- Anderson, A.C. Instrumentation at temperatures below 1K 1-36667
- Anderson, A.C., see Gardner, J.W. 1-38551, 1-47119
- Anderson, A.C., see Gudmundsson, H. 1-12098
- Anderson, A.C., see Katerberg, J.A. 1-42593
- Anderson, A.C., see Reynolds, C.L., Jr. 1-25529
- Anderson, A.N., see Rogers, J.G. 1-23660
- Anderson, B., see Davies, J.G. 1-17766
- Anderson, B.C., Barton, L.R., Collette, J.W. Trends in polymer development 1-12953
- Anderson, B.D., Baldwin, A.R., Kalenda, A.M., Madey, R., Watson, J.W., Chang, C.C., Holmgren, H.D., Koontz, R.W., Wu, J.R. Proton and neutron inclusive spectra and the importance of the single nucleon-nucleon scattering process 1-41109
- Anderson, B.D., see Knudson, J.N. 1-14462
- Anderson, B.R. The assessment of U-values for insulated roofs 1-23224
- Anderson, B.W., see Oatman, L.C. 1-17405
- Anderson, C.A., Jr. CDS primary and intermediate systems design 1-10434
- Anderson, C.F., see Pahlman, J.E. 1-3960
- Anderson, C.J., Girmius, R.J., Howald, A.M., Anderson, L.W. Production of fast H^0 atoms by stripping H^- ions in gas and vapor targets 1-1358
- Anderson, C.M., Oliversen, N.A., Nordieck, K.H. Observational studies of the symbiotic stars. I. H α profile variations in CH Cygni 1-49671
- Anderson, D., Bonnedal, M., Lisak, M. Effects of magnetic field of self-similar plasma expansion into vacuum 1-11533
- Anderson, D., Lisak, M. Approximate solutions of some nonlinear diffusion equations 1-19877
- Anderson, D.A., Paul, W. The influence of structural inhomogeneity on the conduction band transport in a-Si:H alloys 1-52561
- Anderson, D.A., see Modell, G. 1-3018
- Anderson, D.A., see Oguz, S. 1-3517
- Anderson, D.E., Jr., Meier, R.R., Feldman, P.D., Gentieu, E.P. The UV dayglow. III. O I emissions at 989, 1027, 1152, 1304 and 1356 Å 1-44354
- Anderson, D.F. A xenon gas scintillation proportional counter coupled to a photoionization detector 1-23963
- Anderson, D.F., see Stock, M.K. 1-13268
- Anderson, D.L., Barnes, R.G., Hwang, T.Y., Peterson, D.T., Torgeson, D.R. Hydrogen locations, diffusion and the electronic density of states in yttrium dihydrides: a nuclear magnetic resonance investigation 1-7967
- Anderson, D.L., see Minster, J.B. 1-27133
- Anderson, D.W., Jr., Lipner, M.H., Ravets, J.M. Dose rates from a bare spent-fuel assembly 1-18911
- Anderson, D.Z., Chow, W.W., Scully, M.O., Sanders, V.E. Optically biased laser gyro 1-6582
- Anderson, E.M., Trusov, V.F., Eglais, M.O. Theory of internal conversion in unfilled atomic shells 1-37165
- Anderson, E.W., see Biswas, N.N. 1-18515
- Anderson, F., see Hovis, W.A. 1-54282
- Anderson, G.A. Solid-state modification for the CENCO spark timer 1-27696
- Anderson, G.C., see Jones, R.E., Jr. 1-8676
- Anderson, G.D., see Hanson, M.E. 1-44173
- Anderson, H.L. Deep inelastic muon and electron scattering as a probe for quarks and gluons in the nucleon 1-45303
- Anderson, J., see Dooling, T.R. 1-38190
- Anderson, J.A., see Collins, C.B. 1-48704, 1-48705
- Anderson, J.B. Quantum chemistry by random walk: higher accuracy 1-10619
- Anderson, J.B., Kurtz, D.D., Domack, E.W., Balshaw, K.M. Glacial and glacial marine sediments of the Antarctic continental shelf 1-27148
- Anderson, J.B., see Courtney, J.C. 1-18898
- Anderson, J.C., Ki-Wan Kim, Seferiades, E. Preparation of amorphous silicon by sputtering in silane 1-43259
- Anderson, J.D., see Hubbard, W.B. 1-40406
- Anderson, J.E., Graves, Y.B. Improved rechargeability of the Na-S battery 1-39762
- Anderson, J.G. Bandwidth and spectrum analysis 1-9800
- Anderson, J.H., see Champagne, A.B. 1-27708
- Anderson, J.H., see Ibrahim, B.B. 1-10425
- Anderson, J.L. New derivations of the quadrupole formulas and balance equations for gravitationally bound systems 1-27373
- Anderson, J.L., Kegeles, L.S. Causes and cures for the infinities in slow-motion expansions in general relativity 1-9886
- Anderson, J.L., Osborne, R.H., Palmer, D.F. Petrogenesis of cataclastic rocks with the San Andreas fault zone of southern California, USA 1-13438
- Anderson, J.L., see Shepard, R.L. 1-18825
- Anderson, J.M. Increase of light emission from the positive column of argon/mercury discharges and from wall phosphor when the wall is negatively biased 1-46936
- Anderson, J.V., Mitchell, J.W., Beckman, W.A. A design method for parallel solar-heat pump systems 1-8743
- Anderson, K., see Balko, B. 1-50134
- Anderson, K.A., see Lin, R.P. 1-4887
- Anderson, K.E., see Tomczuk, Z. 1-17189
- Anderson, K.J. Spent fuel dry storage concepts 1-18839
- Anderson, L., see Shu, F.H. 1-9565
- Anderson, L.A., see Bochner, L.J. 1-53557
- Anderson, L.C., see Stock, M.K. 1-13268
- Anderson, L.W., see Anderson, C.J. 1-1358
- Anderson, L.W., see Parker, J.W. 1-29089, 1-39632
- Anderson, M. Non-ionizing radiation: how much can you take? 1-49064
- Anderson, M.E. Neutron energy spectra of a ^{238}Pu (α ,n) source—unmoderated and polyethylene moderated 1-6067
- Anderson, M.P., see Brown, D.G. 1-17494
- Anderson, M.R., Kennett, S.R., Mitchell, L.W., Sargood, D.G. Resonance strength measurements and thermonuclear reaction rates for $^{25}\text{Mg}(p,\gamma)^{26}\text{Al}$ 1-18616
- Anderson, M.R., see Beeman, D. 1-30068
- Anderson, M.R., see Kennett, S.R. 1-5815
- Anderson, O.L. The temperature profile of the upper mantle 1-40097
- Anderson, O.L., Sumino, Y. The thermodynamic properties of the Earth's lower mantle 1-32408
- Anderson, P., see Dische, S. 1-32189
- Anderson, P.A.W., see Manning, A. 1-39954
- Anderson, P.M., III, Lord, A.E., Jr. The effects of structural relaxation and crystallization on isothermal viscous flow near the glass temperature in Metglas 2826 1-2337
- Anderson, P.W., Thouless, D.J., Abrahams, E., Fisher, D.S. New method for a scaling theory of localization 1-20692
- Anderson, P.W., see Abrahams, E. 1-47574
- Anderson, R., see Ellis, R.G. 1-33185
- Anderson, R.C., see Henry, R.C. 1-9604
- Anderson, R.E., see Kochler, P.R. 1-53889
- Anderson, R.E., see Peterson, R.J. 1-5670
- Anderson, R.E., see Weiss, R.C. 1-50482
- Anderson, R.H., see Hopkins, A.K. 1-29354
- Anderson, R.J., see Day, R.L. 1-46030
- Anderson, R.J., see Liu, Y.Z. 1-33052
- Anderson, R.L., see Braga, E.S. 1-35414
- Anderson, R.N., DeLong, S.E., Schwarz, W.M. Dehydration, asthenospheric convection and seismicity in subduction zones 1-27144
- Anderson, R.N., Nishimori, R.K. Gabbro, serpentinite, and mafic breccia from the East Pacific 1-4490
- Anderson, R.N., see Kharlamov, Yu.A. 1-21387
- Anderson, R.R., Parrish, J.A. A survey of the acute effects of UV lasers on human and animal skin 1-35840
- Anderson, R.R., see Gurnett, D.A. 1-4737
- Anderson, R.T. High-density rack concepts for AFR fuel storage pools 1-18840
- Anderson, R.W., Jr., see Shepanski, J.F. 1-45872
- Anderson, S.H., see Bardhan, K.K. 1-34584
- Anderson, S.L., Hirooka, T., Tiedemann, P.W., Mahan, B.H., Lee, Y.T. Photoionization of $(\text{H}_2)_2$ and clusters of O_2 molecules 1-37273
- Anderson, S.M., see Charters, A.C. 1-13360
- Anderson, S.R., see Lagally, M.G. 1-11996
- Anderson, T., see Lundqvist, S. 1-45021
- Anderson, T.M., Richardson, D.C. Setting priorities; moving ahead 1-10504
- Anderson, V.C. Side lobe interference suppression with an adaptive null processor 1-37709
- Anderson, V.E., see Becker, R.S. 1-46721
- Anderson, W.A., see Han, M.K. 1-43783
- Anderson, W.A., see Rajkaran, K. 1-43768
- Anderson, W.A., see Sternberg, R.L. 1-32565
- Anderson, W.J., see Hansen, W.N. 1-31220
- Anderson, W.W. Tunnel contribution to $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ and $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ p-n junction diode characteristics [IR detector materials] 1-20859
- Anderson, W.W. Absorption constant of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ and $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ alloys [IR detector materials] 1-21186
- Andersson, R.S., Cleary, J.R. Estimation of PKP times from ISC data 1-13406
- Andersson, R.S., see Kingan, P.A. 1-4718
- Andersson, R.S., see Becker, H.D. 1-9274
- Andersson, B. Plastic instability in stretch forming of AlZnMg alloys 1-3772
- Andersson, B., Gustafson, G., Holgersson, I., Mansson, O. A model for the reaction mechanism and the baryon fragmentation distributions in low p, hadronic interactions 1-45207
- Andersson, B., Gustafson, G., Sjostrand, T. A three-dimensional model for quark and gluon jets 1-18449
- Andersson, C.A., Bratton, R.J., Lau, S.K., Lee, S.Y. Advanced ceramic coating development for industrial/utility gas turbines 1-31366
- Andersson, G., Hagberg, E. Possibilities of studying low-energy (np) and (n, α) reactions in neutron deficient nuclei 1-10367
- Andersson, G., see Hyten, G. 1-27923
- Andersson, K., see Becker, H.D. 1-33474
- Andersson, L., Norden, B. On the use of moments for describing the molecular orientation distribution 1-7076
- Andersson, L.P., see Grusell, E. 1-30820
- Andersson, L.P., see Norström, H. 1-39238
- Andersson, S. An alternative description of the structure of Co_2C_3 1-15833
- Andersson, S., Persson, B.N.J. Inelastic electron scattering by a collective vibrational mode of adsorbed CO 1-16637
- Andersson, T.G., Norrman, S.H. A model for the structure of coalescence grown discontinuous metal films 1-38686
- Andersson, Y., see Thomas, J.O. 1-30174
- Andeweg, A.H. Automatic setting of the distance between sample and detector in gamma-ray spectroscopy 1-28142
- Andler, M. On some representations constructed by the method of orbits 1-14035
- Ando, D., see Young, R.J. 1-38304
- Ando, D.J., see Bloom, D. 1-43666
- Ando, H. A new method for determining the internal rotational angular velocity of the stars 1-22779
- Ando, H., Yamauchi, Y., Nakagome, H., Susa, N., Kanbe, H. InGaAs/InP separated absorption and multiplication regions avalanche photodiode using liquid- and vapor-phase epitaxies 1-45012
- Ando, H., see Mikawa, T. 1-45006
- Ando, H., see Susa, N. 1-25589, 1-45011
- Ando, I., Asakura, T., Watanabe, S. A theoretical study of the dielectric solvent effect on vicinal spin coupling constants 1-51119
- Ando, I., see Asakura, T. 1-45993
- Ando, I., see Hayamizu, K. 1-14923
- Ando, K. A XPS study of $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ 1-16663
- Ando, K., Akiyama, M., Oishi, Y. Lattice diffusion coefficient of oxygen in lithium oxide 1-25505
- Ando, K., Katsui, A. Optical properties and photo-voltaic device applications of InSe films 1-42826
- Ando, K., Nishihara, Y. Electron hopping in $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ ($0 < x < 0.5$) [Mössbauer spectral line shape] 1-21091
- Ando, K., Oishi, Y., Yoneda, T. Determination of oxygen self-diffusion coefficient in polycrystalline Li_2O by gas-phase analysis 1-893
- Ando, K., Yamamoto, A., Yamaguchi, M. Bias-dependent photoluminescence intensities in n-InP Schottky diodes 1-43157
- Ando, K., Yamamoto, A., Yamaguchi, M. Surface field effect of photoluminescence intensity in ZnSe Schottky diode 1-52985
- Ando, K., see Oishi, Y. 1-34521
- Ando, K., see Yamaguchi, M. 1-7740
- Ando, M., see Kohra, K. 1-23387
- Ando, S., see Kasahara, J. 1-9271
- Ando, T. Valley splitting and related phenomena in Si inversion layers 1-12170
- Ando, T. Many-body effects in the space charge layers 1-47751
- Ando, T., Ikeda, K., Totsuki-Suzuki, A. Nucleus-nucleus interaction and nuclear saturation property. Microscopic study of $^{16}\text{O} + ^{16}\text{O}$ interaction by new effective nuclear force 1-41128
- Ando, T., Krauss, G. The isothermal thickening of cementite allotriomorphs in a 1.5 Cr-1 C steel 1-39338
- Ando, T., see Kataoka, S. 1-8037
- Ando, T., see Masuzawa, J. 1-11454
- Ando, T., see Mori, S. 1-7721
- Ando, T., see Tsuji, H. 1-46910
- Ando, Y. Ultrafine particles of silicon carbide prepared by gas-evaporation method 1-31376
- Ando, Y., Ohkohchi, M., Uyeda, R. Preparation of ultrafine powder of SiC by a modified gas-evaporation method 1-26411
- Ando, Y., see Aizawa, T. 1-39366
- Ando, Y., see Horie, T. 1-895
- Ando, Y., see Masuda, M. 1-28593
- Ando, Y., see Morimoto, M. 1-22021

- Ando, Y. *see* Naito, N. 1-740
- Ando, Z. *see* Tokaji, K. 1-26608
- Andra, H.J. *see* Wangler, J. 1-51304
- Andrabi, W.H. *see* Behari, J. 1-48975
- Andrade, C. *see* Gonzalez, J.A. 1-39479
- Andrade, E. *see* Pena, J.L. 1-20253
- Andrade, J.D. *see* Russel, G.A. 1-16522
- Andrade, L.R. *see* De Andrade, L.R.
- Andrade, M.I. *see* Paz *see* Paz Andrade, M.I.
- Andrade e Silva, J., Andrade e Silva, M. A possible experiment concerning the nature of the wave-particle duality 1-9854
- Andrade e Silva, M. *see* Andrade e Silva, J. 1-9854
- Andrasko, G. *see* Tomlinson, A. 1-27028
- Andre, D. *see* Fournier, R. 1-41511
- Andre, G. *see* Aubry, S. 1-7114
- Andre, J. *see* Vodel, F. 1-50265
- Andre, J.-C. *see* Artaz, M.-A. 1-13509
- Andre, J.J. One dimensional organic highly conducting systems 1-20714
- Andre, J.M., Barchewitz, R. Specular reflection of X-rays in the anomalous dispersion region of the silicon K absorption edge 1-31236
- Andre, J.M. *see* Delhalle, J. 1-42668
- Andre, J.-M., Ladik, J. Quantum mechanical studies of polymers. Present status and perspectives 1-19233
- Andre, J.-M. *see* Delhalle, J. 1-34614
- Andre, J.-M. *see* Piela, L. 1-29152
- Andre, J.-M., Bredas, J.-L., Delhalle, J., Ladik, J., Leroy, G., Moser, C. (editor) Recent advances in the quantum theory of polymers, workshop proceedings 1-17938
- Andre, M., Bedu, M., Bernard, J., Friart, D., Jouys, J.C., Novaro, M., Bettinger, A., Farcy, J.C., Guyot, J.C. Iodine laser studies in Centre D'Etudes de Limeil et Laboratoires de Marcoussis 1-51469
- Andre, M.E. Determination of the depth of hardening in metals by means of the coefficient of self-induction 1-44950
- Andre, S. *see* Bastin, G. 1-604
- Andre, S. *see* Elias, N. 1-18548, 1-28365
- Andre, S. *see* Jastrzebski, J. 1-23540
- Andre, Y.B., Chambaret, J.P., Lamouroux, B.L., Prade, B.S. Transient thermal behaviour of a liquid crystal target 1-41871
- Andree, M.O. Arsenic in rain and the atmospheric mass balance of arsenic 1-13532
- Andreasen, G.K., Hejlesen, P.M., Petersen, J.O. Theoretical evolution sequences for homogeneous and two-zone models of delta Scuti variables 1-40500
- Andreasyan, N.K., Khachikyan, E.E. Spectrophotometric investigation of irregular M82 type galaxies. II. NGC 972 and NGC 4433 1-27600
- Andreeff, A., Griesmann, H., Kaun, L.P., Matz, W., Alekseev, P.A., Sadikov, I.P., Chistyakov, O.D., Markova, I.A., Savitsky, E.M. Investigation of crystal field in PrNi₂ 1-20684
- Andreeff, A., Kaun, L.P., Frauenknecht, T., Lipold, B., Matts, V. Crystalline electric field effects in intermetallic rare earth compounds, studied by inelastic neutron scattering 1-52532
- Andreshchev, V.M. *see* Domashevskaya, E.P. 1-39185
- Andreev, A.A., Ablova, M.S., Podkhaluzin, V.P., Maslova, Z.V., Melek, B.T. Properties of Al^{III}-Te and Al^{IV}-Te glasses in a strong electric field 1-3028
- Andreev, A.A., Shatsev, A.N. Induced Mandelstam-Brillouin scattering in a laser plasma at oblique incidence to the pumping wave 1-24937
- Andreev, A.A. *see* Seregin, P.P. 1-42321
- Andreev, A.F. Equilibrium shape and oscillation of surfaces of solid helium (crystallization and melting of helium) 1-2773
- Andreev, A.F. Strictional superstructures in two-dimensional phase transitions 1-42614
- Andreev, A.P. *see* Aleksandrov, V.Ya. 1-1547
- Andreev, A.P. *see* Alexandrov, V.Ya. 1-4077
- Andreev, A.P. *see* Belousova, I.M. 1-37460
- Andreev, A.S., Kotelyanskii, I.M., Mirgorodskaya, E.N., Orlov, V.P. Production of patterns with submicron elements with the optical system of a microscope 1-45048
- Andreev, G.A. The accumulation kinetics of imperfections during plastic deformation of alkali halides 1-2433
- Andreev, G.A., Buritskova, L.G. An unusual type of unmixing in NaCl-KCl mixed crystals at room temperature 1-20396
- Andreev, G.A., Hartmanova, M., Klimov, V.A. The relationship between local plastic deformation and precipitation morphology in ionic crystals 1-25441
- Andreev, G.A., Klimov, V.A. Characteristics of formation of a metastable phase in KCl:Ba²⁺ single crystals 1-25443
- Andreev, G.B., Shchagin, A.V., Tomozov, A.P., Skibin, V.I., Miroshnikov, V.S., Lutsik, V.A. Investigation of the vector analysing power of the reaction ³²S(d, p)³¹S in the energy interval E_d = 1.8-3.0 MeV 1-5770
- Andreev, G.B. *see* Tomozov, A.P. 1-33254
- Andreev, I.V., Chernyshova, G.L., Ivanov, N.V., Balashov, Yu.S. Internal friction of high-silica glasses in the region of the change to the viscous-flow state 1-42462
- Andreev, N.E., Silin, V.P., Silin, P.V. Self-limiting of a wave field on supersonic breakup of a plasma 1-11565
- Andreev, N.E., Silin, V.P., Stenchikov, G.L. Non-linear interaction of the radiation with the ponderomotive force deformed plasmas 1-51945
- Andreev, N.F., Bespalov, V.I., Kiselev, A.M., Matveev, A.Z., Pasmanik, G.A., Shilov, A.A. Wave-front reversal of weak optical signals with large reflection coefficients 1-41770
- Andreev, N.K. *see* Enikeeva, G.R. 1-31056
- Andreev, N.S., Kasymova, S.S. Density of the silicate phase in liquid-phase separated sodium strontium silicate glasses 1-43326
- Andreev, N.A., Alferov, N.S., Kudriavtsev, I.S., Paramonov, P.M., Pascari, B.L., Rybin, R.A., Sudakov, A.V., Terentiev, I.K., Fedorovich, E.D. Steam generator stability at variable loads 1-28588
- Andreev, S.A., Andreeva, N.P., Badikov, V.V., Matveev, I.N., Pshenichnikov, S.M. Frequency up-conversion in a mercury thiogallate crystal 1-51557
- Andreev, S.D., Ivlev, L.S. Infrared radiation absorption by various fractions of atmospheric aerosols 1-40191
- Andreev, S.I., Novikova, G.M. Explosive processes at the cathode in the breakdown of a discharge gap subjected to a high overvoltage 1-29942
- Andreev, S.I., Zobov, E.A., Sidorov, A.N., Kostousov, V.D. An investigation of a long sliding spark 1-46940
- Andreev, S.V. *see* Paimushin, V.N. 1-29562
- Andreev, V.A., Shtepa, Yu.D. Influence of structural defects on EPR spectra of triplet excitons in strongly anisotropic crystals 1-38981
- Andreev, V.A., Sugakov, V.I., Shtepa, Yu.D. Spin-lattice relaxation of triplet excitons due to acoustic phonons 1-26016
- Andreev, V.I. *see* Vikulin, I.M. 1-3074
- Andreev, V.N., Zakharichena, B.P., Kapshin, Yu.S., Noskin, V.A., Chudnovskii, F.A. Low-frequency noise in vanadium dioxide experiencing a metal-dielectric phase transition 1-16324
- Andreev, V.N. *see* Wieckowski, A. 1-52435
- Andreev, Yu.A., Misharin, V.V. Primary high-precision installation for certifying reference electron sources 1-23930
- Andreev, Yu.A. *see* Misharin, V.V. 1-23278
- Andreev, Yu.S. *see* Glukhovskii, G.S. 1-23359
- Andreev, Yu.S. *see* Tarnovetskii, V.V. 1-23348
- Andreev, Yu.V. *see* Petukhov, A.P. 1-38510, 1-42516
- Andreev, Yu.Ya., Isaev, N.I., Smirnov, P.V., Kyrov, V.L. Influence of galvanodiffusion colorizing, molybdenizing, and siliconizing of steel 4Kh13 on its tendency toward corrosion cracking 1-3991
- Andreeva, A.F. *see* Samsonov, G.V. 1-50436
- Andreeva, E.G. *see* Zaleznyak, P.N. 1-28107
- Andreeva, I.B., Volkova, A.V., Galybin, N.N. Backscattering of sound by the sea surface at small grazing angles 1-37671
- Andreeva, L.P. *see* Lutskaia, L.F. 1-38428
- Andreeva, M.A., Kuzmin, R.N. Polarization phenomena for inhomogeneous waves in Mossbauer optics 1-43048
- Andreeva, N.E., Chibisov, A.K. Energetics of the photooxidation of chlorophyll 1-17361
- Andreeva, N.E., Chibisov, A.K. Triplet exciplexes as intermediates in the photooxidation of pigments 1-24060
- Andreeva, N.G. *see* Ainbinder, S.B. 1-12882
- Andreeva, N.P. *see* Andreev, S.A. 1-51557
- Andreeva, N.S. *see* Leonov, A.I. 1-8606, 1-30448, 1-34478
- Andreeva, T.L. Fine structure of the spectrum of depolarized light scattering in liquids 1-3426
- Andreeva, T.V. *see* Samsonov, G.V. 1-21402
- Andreeva, V. *see* Lipatov, V. 1-48481
- Andrei, E.Y., Glaberson, W.I. Temperature dependence of the Landau critical velocity in He II 1-11932
- Andrei, N., Lowenstein, J.H. Scales and scaling in the Kondo model 1-38908
- Andreichiev, V. *see* Alikov, B.A. 1-659
- Andreichikov, Yu.P. *see* Tymyanskiy, Ya.R. 1-6551
- Andrieu, N. On-line optical gaging assures perfect fit of Jeep doors 1-24470
- Andriukiv, A.D. *see* Panasyuk, V.V. 1-34407
- Andriukiv, A.E., Stadnik, M.M., Silovanyuk, V.P. Solution of an elasticity problem for an unbounded solid with a coplanar system of fine inclusions 1-1894
- Andriukiv, A.E. *see* Panasyuk, V.V. 1-29625, 1-33930
- Andriukiv, O.E. *see* Panasyuk, V.V. 1-37797
- Andrejew, N.E., Gradow, O.M., Sunder, D. Non-stationary reflection and re-emission of waves by forming electromagnetic structure resonances in the plasma 1-11564
- Andrejscheff, W. Effects of shells and deformations from systematic studies of gamma-ray transition rates 1-10350
- Andrejscheff, W., Zamick, L., Marupov, N.Z., Muminov, K.M., Muminov, T.M. Core polarization for I-forbidden M1 transitions in light nuclei 1-28454
- Andrenko, V.M. *see* Popov, A.A. 1-26684
- Andreo, R.H. *see* Krill, J.A. 1-29173
- Andreo Hernandez, P. *see* Millan Cebrían, S. 1-8985
- Andreucci, M. *see* Alagna, L. 1-41432
- Andreucci, M.V., Bossa, M., Devillanova, F.A., Furlani, C., Mattogno, G., Verani, G., Zanoni, R. Structural characterization of some substituted azolidine molecules: X-ray photoelectron spectroscopic results 1-46019
- Andreucci, M.V., Devillanova, F.A., Furlani, C., Mattogno, G., Verani, G., Zanoni, R. Structural characterization of some substituted azolidine molecules: UPS photoelectron spectroscopic studies 1-24192
- Andreoni, A., Cubeddu, R., de Silvestri, S., Laporta, P. Spectroscopic properties of quinaerine mustard 1-35074
- Andreoni, A., Cubeddu, R., De Silvestri, S., Svelto, O., Bottirol, G. Laser selective photobiology: dye-biomolecule complexes 1-35828
- Andreoni, W., Maschke, K. Pressure-induced structural transitions in partially ionic semiconductors: Self-consistent pseudopotential approach to ZnSe 1-25428
- Andreoni, W., Varma, C.M. Binding and dissociation of CO on transition-metal surfaces 1-42635
- Andreoni, W. *see* Lipari, N.O. 1-47533
- Andreoni, W. *see* Maschke, K. 1-47229
- Andreopoulos, J., Bradshaw, P. Measurements of interacting turbulent shear layers in the near wake of a flat plate 1-11378
- Andreatti, L., Cimiale, A., Marchetti, G., Ruggi, D., Serravezza, A. Solar tobacco drying plant 1-17297
- Andreatti, L., Marchetti, G., Passaro, F., Ruggi, D., Serravezza, A., Di Vecchia, A., Fanchiotti, A. Energy consumptions and possibilities for the applications of solar energy in Italian agriculture 1-17176
- Andreozzi, F., Covello, A., Porriño, A. Equations-of-motion method and pairing correlations in odd-A nuclei 1-23564
- Andres, F. Llorente de *see* Llorente de Andres, F.
- Andres, J., Buck, U., Huiskens, F., Schleusener, J., Tello, F. The anisotropic interaction potential of D₂Ne from state-to-state differential cross sections for rotational excitation 1-33551
- Andres, K., Jayaraman, A., Maines, R.G., Hsu, F.S.L., Ott, H.R., Bucher, E. A novel low temperature phase transition in mixed valent Sm₂Bi₂ 1-25432
- Andres, K., Remeika, J.P., Espinosa, G.P., Cooper, A.S. Low-field magnetization studies in the reentrant superconductor ErRh₄Si₃ 1-42898
- Andres, K., Wudl, F., McWhan, D.B., Thomas, G.A., Nalewajek, D., Stevens, A.L. Observation of the Meissner effect in an organic superconductor 1-16408
- Andres, K. *see* Baer, Y. 1-20651
- Andres, K. *see* Ott, H.R. 1-47882
- Andres, K. *see* Rosenbaum, T.F. 1-2975, 1-30793, 1-42832
- Andres, K. *see* Takke, R. 1-20433
- Andres, U.Ts. Separation of particulate solids in liquid magnetics and dielectrics 1-16709
- Andresen, A.F. *see* Schefer, J. 1-20124
- Andresen, B., Denne, B., Ekberg, J.O., Engstrom, L., Huidt, S., Martinson, I., Veje, E. Relative level populations in beam-foil-excited C IV, N V, O VI, and F VII 1-46095
- Andresen, B. *see* Ondrechen, M.J. 1-35520
- Andresen, P.A., Duquette, D.J. The effects of dissolved oxygen, chloride ion and applied potential on the SCC behavior of type 304 stainless steel in 290 C water 1-31725
- Andresen, R.D. *see* Manzo, G. 1-23935
- Andresen, U. *see* Ibsch, E. 1-6246
- Andretta, A., Barone, G., Brunini, P., Cuomo, V., Francesca, M., Mattarelli, P., Serio, C. Check of a computer program for calculating long-term performance of solar flat-plate collectors 1-39817
- Andretta, A. *see* Ambrosone, G. 1-39813, 1-39819
- Andreu, D. *see* Adams, F. 1-17640
- Andrew, A.S., Linde, J. PRP: A FORTRAN IV interactive plotting program [for whole-rock analysis] 1-49411
- Andrew, C., May, D.N., Osman, M.M. Highway noise barrier location for maximum benefit/cost 1-1768
- Andrew, E.R., Bryant, D.J., Cashell, E.M., Dunell, B.A. Chemical shift in solid sodium triphosphate 1-38990
- Andrew, G. *see* Taylor, B.L. 1-33085
- Andrew, K.L. *see* Sansonetti, C.J. 1-1157
- Andrewartha, J.R. *see* Botten, I.C. 1-51606
- Andrews, A.P. *see* Chen, P. 1-44911

- Andrews, B., Anderson, A. Raman and infrared spectra of crystalline dinitrogen tetroxide 1-43106
- Andrews, B. see Dagg, I.R. 1-46080
- Andrews, D. see Bebek, C. 1-33191
- Andrews, D. see Chadwick, K. 1-33192
- Andrews, D.G. see Nagashima, J. 1-753
- Andrews, D.G. see Pai, H.L. 1-23692, 1-50671
- Andrews, D.J. Fault impedance and earthquake energy in the Fourier transform domain 1-53988
- Andrews, D.L. Harmonic generation in free molecules 1-6606
- Andrews, D.L. Coherent four-photon Rayleigh scattering 1-29345
- Andrews, E.H., Stevenson, A. Adhesive failure of epoxy-titanium bonds in aqueous environments 1-8526
- Andrews, H.R., Hauser, O., Ward, D., Taras, P., Rud, N., Haas, B., Diamond, R.M., Fossan, D., Kluge, H., Nieman, M., Roulet, C., Stephens, F.S. g factors of high-spin states in ^{160}Dy and $^{170,174}\text{Yb}$ measured by the transient magnetic field interaction 1-18559
- Andrews, H.R. see Hauser, O. 1-34963
- Andrews, H.R. see Rud, N. 1-50548
- Andrews, H.R. see Walker, P.M. 1-18557
- Andrews, I.M. Development of the Michelson interferometer 1-40846
- Andrews, J.B., Nastasi-Andrews, R.J., Hummel, R.E. Optical investigations of short-range ordering of α -copper-aluminum alloys 1-8091
- Andrews, J.B. see Magnell, B.A. 1-54118
- Andrews, J.N. see Parkin, D.W. 1-4822
- Andrews, J.R., Hochstrasser, R.M. Transient grating studies of energy deposition in radiationless processes 1-2901
- Andrews, J.R., Hochstrasser, R.M. Transient grating effects in resonant four-wave mixing experiments 1-29318
- Andrews, J.R. see Decola, P.L. 1-24153
- Andrews, J.T., Davis, P.T., Mode, W.N., Nichols, H., Short, S.K. Relative departures in July temperatures in northern Canada for the past 6000 yr 1-36052
- Andrews, J.T. see Keen, D.H. 1-35955
- Andrews, K.W., Keown, S.R. Optical diffraction: applications to lamellar microstructures 1-31791
- Andrews, L. see Houston Miller, J. 1-37177
- Andrews, L. see McDonald, S.A. 1-1220
- Andrews, L. see Miller, J.C. 1-33485
- Andrews, L. see Prochaska, F.T. 1-8585
- Andrews, L.J., Lempicki, A., McCollum, B.C. The role of symmetry in the radiationless relaxation of the chromium(III) T_{2g} state 1-1164
- Andrews, L.T. see Daley, C.G. 1-17490
- Andrews, L.T. see Klingler, J.W. 1-13283
- Andrews, M. Matching conditions on wave functions at discontinuities of the potential 1-49908
- Andrews, M.K. Coupling fluxes in the presence of cross L drifts: a comparison of whistler mode and radio beacon results 1-40255
- Andrews, M.L. see Merchant, V.E. 1-9976, 1-9976
- Andrews, P.R. see Defina, J.A. 1-10660
- Andrews, P.T. see Holton, I.R. 1-31309
- Andrews, P.T. see Weightman, P. 1-12627, 1-12628
- Andrews, S.R., Harley, R.D. Quasi-elastic light scattering at the order-disorder phase transition in ammonium chloride 1-52962
- Andrews, W.R. see Shih, C.F. 1-48643
- Andreyanov, V.M. see Anikeev, B.V. 1-41711
- Andreyev, A.Y. see Zentko, A. 1-47903
- Andreyev, V.M., Egorov, V.V., Syrbu, A.V., Trofim, V.G., Yakovlev, V.P. Liquid-phase epitaxy of AlGaAs heterostructures on profiled substrates 1-21371
- Andreyev, Ye.G. see Khundzhua, G.G. 1-54196
- Andrezan, A.B., Burtsev, V.A., Vodovozov, V.M., Drozdov, A.A., Makeev, G.M. Low-inductance capacitor module for charging to 100 kV and energy storage capacity 80 kJ 1-50166
- Andriacchi, T.P. see Draganich, L.F. 1-35899
- Andriankin, E.L., Protasov, I.D. Rheological equation of state and sound dispersion of gelatinous media 1-25399
- Andrianov, A.A. Quantization of impact coordinates for the fixed energy of colliding particles 1-40676
- Andrianov, A.M., Alekseev, Yu.A., Baryshev, V.L., Vasil'ev, V.I., Kazeev, M.N., Kisula, V.V. Production of megagauss magnetic fields by compression of a magnetic flux with a metallic liner 1-33020
- Andrianov, A.V., Valov, P.M., Sukhanov, V.L., Tuckevich, V.V., Schmidt, N.M. Photoelectric effect in a silicon p-n junction in the case of intraband optical heating of carriers 1-20805
- Andrianov, B.A., Studentsov, N.V. A small transducer for a quantum magnetometer 1-27262
- Andrianov, D.G., Pavlov, N.M., Savel'ev, A.S., Fistul', V.I., Tsiskarishvili, G.P. Long-range exchange coupling between Mn^{2+} ions in $\text{Pb}_{1-x}\text{Mn}_x\text{Te}$ 1-20971
- Andrianov, E.G. see Zaitsev, V.N. 1-31093
- Andrianov, G.O., Zhdanova, V.V., Sergeev, V.P. Gruneisen parameter of the metallic phase of V_2O_3 1-20348
- Andrianov, V.I., Tarnopol'skii, B.L., Simonov, V.I. Quartets in the multivariant method of direct structure amplitude phase determination 1-2282
- Andrianov, V.I. see Aslanov, L.A. 1-29137
- Andrianov, V.I. see Dvorkin, A.A. 1-25255
- Andrianov, V.M. Correlation between the conformations of side hydroxyl groups and the frequencies of torsional oscillations in monosaccharides 1-6232
- Andrianov, V.M., Zhbakov, R.G., Dashevskii, V.G. Calculation of the conformation and vibrational spectrum of β -D-glucose within the framework of the additive model of interatomic interactions 1-33442
- Andrianov, V.M., Zhbakov, R.G., Dashevskii, V.G. Calculation of the conformations and frequencies of the vibrational spectra of various monosaccharides 1-33443
- Andrianova, G.N. Modification of the phase function method for the numerical determination of energy levels in the potential well 1-40675
- Andrianova, L.V. A new method of controlling steel and cast iron in terms of characteristics of magnetic noise envelope 1-16458
- Andrianova, V.G., Vasilieva, I.A., Nefedov, A.P., Novosadov, V.V., Petrov, V.A., Reznik, V.Yu., Urinson, A.S. Automatic systems for measuring parameters of a gas flow and optical properties of partially transparent materials at high temperatures 1-25071
- Andriesch, A.M., Tsiulyanu, D.I., Kolomeiko, E.P. Temperature dependence of the space-charge-limited current in glassy As_2S_3 1-2977
- Andriesse, C.D. Fluctuation theory of the mass flux from the stars: the refutations 1-13759
- Andriesse, C.D., de Vries, J. Pairing of the diffuse interstellar lines 1-40546
- Andriessen, J. Calculations of atomic configurations using many-body techniques in relativistic formulation 1-14789
- Andrieux, A., Jerome, D., Bechgaard, K. Spin-density wave ground state in the one-dimensional conductor (TMTSF) $_{2x}\text{PF}_6$: microscopic evidence from ^{75}Se and ^1H NMR experiments 1-38997
- Andrievskii, B.V. see Romanyuk, N.A. 1-35070
- Andrievskii, R.A., Kogan, V.B., D'yakov, V.K. Effect of carbiding temperature on some properties of tungsten carbides 1-12775
- Andrievskii, R.A., Koroylev, L.A., Klimenko, V.V., Lanin, A.G., Spivak, I.I., Taubin, I.L. Effect of zirconium carbide and carbon additions on some physicochemical properties of zirconium diboride 1-31402
- Andrievskii, R.A., Spivak, I.I., Mitrokhin, V.A., Klimenko, V.V. Effect of changes in structure on the creep parameters of binary carbide composites 1-21530
- Andrievskii, R.A. see Shevchenko, A.S. 1-35412
- Andrillat, Y. Spectra of Of and Be stars in the near infrared region up to 1.1μ 1-49691
- Andritopoulos, G. see Philis, J. 1-41388, 1-41392
- Andrizhievskii, A.A. To the problem of numerical investigation of hydrodynamic stability of two-phase flows 1-51863
- Andrizhievskii, A.A., Mikhalovich, A.A., Nesterenko, V.B., Trifonov, A.G. A steady-state adiabatic superheated steam-saturated condensed moisture flow in a variable-diameter channel 1-18740
- Andrizhievskii, A.A., Zaitsev, V.I., Kovalev, S.D., Nesterenko, V.B., Shurin, V.N. Experimental investigation of the characteristics of a dynamic two-phase N_2O_4 layer in a closed contact condenser 1-51697
- Andrjushin, A.I., Kazakov, A.E. Polarised electrons and two-photon-resonant ionisation of unpolarised atoms 1-6216
- Andro, P. see Chevalier, J. 1-52560
- Andronenko, L.N. see Belyaev, B.N. 1-18692
- Andronenko, L.N. see Kotov, A.A. 1-23959
- Andronik, I.K., Lukiyani, F.M. Fundamental absorption edge of $\text{Zn}_x\text{Cd}_{1-x}\text{Te}$ single crystals 1-43138
- Andronov, A.A., Kozlov, V.A., Mazov, L.S., Valov, V.A. Electron runaway in strong E.H fields and breakdown in n-InSb 1-25743
- Andronov, A.A., Valov, V.A., Kozlov, V.A., Mazov, L.S. Galvanomagnetic effects and hot-electron population inversion associated with inelastic scattering by optical phonons 1-25740
- Andronov, A.A., Valov, V.A., Kozlov, V.A., Mazov, L.S. Hot electron streaming and population inversion for polar and deformation scattering 1-30755
- Andronov, A.A., Valov, V.A., Kozlov, V.A., Mazov, L.S. Considerable decrease in the threshold field of the Gunn effect in strong magnetic field 1-42782
- Andronov, V.P., Bronnikov, V.I., Libik, L.P., Savel'eva, V.P. Scattering characteristics of metal surfaces, having regular and irregular structure, at a wavelength of $10.6 \mu\text{m}$ 1-19404
- Andronova, I.A., Kuvatova, E.A., Mamaev, Yu.A. Nonlinear nonreciprocal effects in an isotropic medium for arbitrarily polarized opposite waves 1-33745
- Andrukhiy, M.G., Ivanov-Omskii, V.I., Ogorodnikov, V.K. Generation-recombination noise in $\text{Cd}_{0.21}\text{Hg}_{0.79}\text{Te}$ 1-20834
- Andruschak, E.A., Tychinskii, V.P. Digital phase-measuring system for counting integral numbers and fractions of bands for a homodyne microinterferometer 1-44993
- Andruschak, E.A., Tychinskii, V.P. Device for reversible counting of bands for a homodyne interferometer 1-44994
- Andrushevich, M.M. see Kustova, G.N. 1-26197
- Andrushko, A.I., Kovalevskaia, G.G., Slobodnikov, S.V. Kinetics of photoconductivity relaxation in InP:Fe and InP:Cr crystals 1-20809
- Andrushko, A.I., Malinin, Yu.G., Salikhov, Kh.M. Actuation of an oscilloscope by a light pulse 1-44897
- Andruzzi, F., Ceccarelli, G., Paci, M. Polymerization of bicyclic ethers. II. NMR structure study of the polymer formed from 3-oxabicyclo[3,2,2]nonane 1-26737
- Andryushchenko, V.A. see Babey, Yu.I. 1-48521
- Andryushenko, E.D., Danil'chuk, T.N., Zlo-manov, V.P., Novoselova, A.V., Tananaeva, O.I. Rate of growth of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ crystals by a vapor-liquid-crystal mechanism 1-8218
- Andryushenko, E.D., Danil'chuk, T.N., Zlo-manov, V.P., Tamm, M.E. The p-T-x diagram of the system Pb-Sn-Te and its relation to the conditions of crystal growth by a vapor-liquid-crystal mechanism 1-11842
- Andryushenko, E.D., Varlamova, L.M., Zlo-manov, V.P., Novoselova, A.V., Tananaeva, O.I. Growth of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ crystals by a vapor-liquid-crystal mechanism 1-8217
- Andryushin, A.I., Fedorov, M.V. Resonance ionization of atoms in a strong spatially inhomogeneous electromagnetic field 1-1192
- Andryushin, E.A., Gel'fond, O.A., Silin, A.P. Electron-hole liquid in deformed Ge and Si subjected to moderate uniaxial pressures 1-20639
- Andryushina, E.A., Keldysh, L.V., Sanina, V.A., Silin, A.P. Electron-hole liquid in thin semiconductor films 1-12040
- Andzhaparidze, O.E., Shapiro, G.S. On the interaction of a cylindrical shell with surrounding media 1-6784
- Andzhevskii, Yu., Vo Kim Thang, Vtyurin, V.A., Koroiv, A., Popov, Yu.P., Stepinski, M. Investigation of the averaged cross sections of n, α reactions on ^{123}Te , ^{143}Nd , ^{147}Sm , ^{149}Sm nuclei 1-36952
- Aneva, B.L. Nonlinear super sigma model 1-28158
- Aneva, B.L., Mikhov, S.G., Stoyanov, D.T. On the non-unique definition of the current in the Thirring model 1-33092
- Anferov, V.P., Mikal'kov, V.M. Digital thermometer with electronic temperature regulator 1-50127
- Anfilov, I.V., Tazenko, B.A., Artobolevskaia, E.S., Rozhenko, A.L. Investigation of electrophotographic processes in two layer photoconductor-dielectric systems 1-40887
- Anfinogentov, V.I., Lyubashevskii, G.S., Tartakovskii, B.D., Filippov, V.E., Choni, Yu.I. Control algorithms for active vibroacoustic suppression systems 1-37688
- Anfossi, D. see Bonino, G. 1-32508
- Ang, D. A microprocessor assisted anodizing apparatus for frequency adjustment 1-16938
- Ang-sheng Wang see Wang Ang-sheng
- Angadi, M.A. see Ashrit, P.V. 1-12211, 1-20881, 1-47764
- Angadi, M.A. see Shivaprasad, S.M. 1-2935, 1-3079
- Angadi, M.A. see Udaachan, L.A. 1-2936
- Angel, G. see Indrei, S. 1-35566
- Angel, J.R.P. see Hege, E.K. 1-9715
- Angel, J.R.P. see Hill, J.M. 1-49521
- Angel, J.R.P. see Stockman, H.S. 1-54654
- Angel, J.R.P. see Szokody, P. 1-49715
- Angelini, C. see Allasia, D. 1-23495
- Angelino, G. see Casci, C. 1-48896
- Angelis, A.L.S., Besch, H.-J., Blumenfeld, B.J., Camilleri, L., Chapin, T.J., Cool, R.L., del Papa, C., Di Lella, L., Dimovski, Z., Holbeck, R.J., Lederman, L.M., Levinthal, D.A., Linnemann, J.T., Newman, C., Phinney, N., Pope, B.G., Pordes, S.H., Rothenberg, A.F., Rusack, R.W., Segar, A.M., Singh-Sidhu, J., Smith, A.M., Tannenbaum, J.J., Vidal, R.A., Wallace-Hadrill, J.S., Yelton, J.M., Young, K.K. A measurement of the production of massive e^+e^- pairs in proton-proton collisions at $\sqrt{s}=62.4 \text{ GeV}$ 1-10286

- Angelis, A.L.S., Besch, H.-J., Blumenfeld, B.J., Camilleri, L., Chapin, T.J., Cool, R.L., Del Papa, C., Di Lella, L., Dimovski, Z., Hollebeck, R.J., Lederman, L.M., Levinthal, D.A., Linnemann, J.T., Newman, C.B., Phinney, N., Pope, B.G., Pordes, S.H., Rothenberg, A.F., Rusack, R.W., Segar, A.M., Singh-Sidhu, J., Smith, A.M., Tannenbaum, M.J., Vidal, R.A., Wallace-Hadrill, J.S., Yelton, J.M., Young, K.K. A measurement of the transverse momenta of partons, and of jet fragmentation as a function of \sqrt{s} in p-p collisions 1-18520
- Angelis, A.L.S., Besch, H.-J., Blumenfeld, B.J., Camilleri, L., Chapin, T.J., Cool, R.L., Del Papa, C., Di Lella, L., Dimovski, Z., Hollebeck, R.J., Lederman, L.M., Levinthal, D.A., Linnemann, J.T., Newman, C.B., Phinney, N., Pope, B.G., Pordes, S.H., Rothenberg, A.F., Rusack, R.W., Segar, A.M., Singh-Sidhu, J., Smith, A.M., Tannenbaum, M.J., Vidal, R.A., Wallace-Hadrill, J.S., Yelton, J.M., Young, K.K. A study of particle correlations and charge ratios in direct photon events at the CERN intersecting Storage Rings 1-28355
- Angelis, R.J.De see De Angelis, R.J.
- Angelis, U.De see De Angelis, U.
- Angelli, J.M. see Millic, G. 1-19103
- Angelo, R.W. Solderable flame-retardant wire coating 1-3966
- Angelov, D.A., Kryukov, P.G., Letokhov, V.S., Nikogosyan, D.N., Oraevskii, A.A. Selective interaction of ultrashort ultraviolet laser pulses with components of macromolecules 1-35746
- Angelov, D.A., Kryukov, P.G., Letokhov, V.S., Nikogosyan, D.N., Oraevskii, A.A. Selective action on nucleic acids components by picosecond light pulses 1-39965
- Angelov, D.A. see Nikogosyan, D.N. 1-29049
- Angelov, N., Akhabyan, N., Balea, O., Boldea, V., Grishin, V.G., Nazargulov, R., Ponta, T., Khakman, S. Two-particle correlations of secondary protons in π^{12} C interactions at 40 GeV/c 1-18689
- Angelov, N., Lutpulaev, S.L., Nikitina, V.F., Yuldashev, A.A., Yuldashev, B.S. Study of π^+ C interactions followed by emission of protons in the backward direction at 4 and 40 GeV/c 1-41150
- Angelov, N. see Abdrahmanov, E.O. 1-722
- Angelov, N. see Azimov, S.A. 1-36888
- Angelov, N.S., Grishin, V.G., Kvatzade, R.A. Production of multipion systems in pion-nucleon collisions at $p=40$ GeV/c 1-18525
- Angelov, S., Zhecheva, E., Mehendzhiev, D. Effect of stoichiometry on the magnetic properties of Co_3O_4 obtained from $\text{Co}(\text{NO}_3)_2$ 1-7814
- Angelov, S.A. see Mayer, I. 1-12278
- Anger, C.D. see Murphree, J.S. 1-13614
- Anger, F. see Acedo, H.A. 1-48276
- Anger, F., Jr. see Acedo, H.A. 1-48275
- Anger, K., Kuper, K., Muller-Schauenburg, W. Systems of electronic data processing in nuclear medicine 1-9003
- Anger, K. see Frosien, J. 1-400
- Angerer, G. see Ng, T.S. 1-43450
- Angerhofer, P.E., Strom, R.G., Velusamy, T., Kundu, M.R. A multifrequency study of CTB 80 with the Westerbork Synthesis Radio Telescope 1-54589
- Angerhofer, P.E. see Kundu, M.R. 1-27588
- Angenstein, W. see Wolf, M. 1-408
- Angert, N.B. see Rez, I.S. 1-3337
- Anghele, A.L., Dadirlat, N.D., Gulacsi, Zs. On the phase diagram of the impure exciton ferromagnet 1-12296
- Anghele, A.L. see Crisan, M. 1-25900
- Angiello, J., Baglin, J.E.E., Cardone, F., Dempsey, J.J., d'Heurle, F.M., Irene, E.A., MacInnes, R., Petersson, C.S., Savoy, R., Segmuller, A.P., Tierney, E. Tantalum silicide films deposited by DC sputtering 1-47406
- Angilelo, J. see Segmuller, A. 1-42660
- Anglada, M. Shape changes in the asymmetric double glide of BCC single crystals 1-25360
- Anglada, M., Guir, F. Orientation dependence of the cyclic deformation properties of niobium single crystals 1-31570
- Anglada, M.B., Etmedad, B., Planell, J.A., Guir, F. Stress asymmetry and shape changes in cyclically deformed Mo single crystals 1-43453
- Anglister, J., Steinberg, I.Z. Measurement of the depolarization ratio of Rayleigh scattering at absorption bands 1-45968
- Angrilli, F., Cossalter, V. A laser stroboscope 1-41815
- Angus, B. A scanning spectrophotometer. Design and applications 1-18306
- Angus, R. Measurement of optical spectra using a new scanning monochromator 1-29378
- Angus, S.G., Williams, G.T. Seasonal thermal energy storage of chilled water in aquifers 1-53690
- Anh Vo Hong see Vo Hong Anh
- Anholt, R., Stoller, C., Meyerhof, W.E. Impact parameter dependence of Ag K-vacancy production by 60 MeV I ions 1-6350
- Anichich, V.G. see Huntress, W.T., Jr. 1-54422
- Anichich, V.G. see McEwan, M.J. 1-12969, 1-53407
- Anigstein, R. see Budick, B. 1-23591
- Anikeev, B.V., Andreyanov, V.M., Fenchak, V.A. Modulation of integral spectra in a nonstationary ruby laser with active phasing of the spectral components 1-41711
- Anikeev, V.N., Zhuravlev, V.S. Use of model systems to investigate the electrical conductivity of polymeric materials filled with carbon black 1-20716
- Anikimovskii, Yu.A. see Rivkin, E.Yu. 1-21662
- Anikiev, A.A. see Umarov, B.S. 1-16569, 1-21106
- Anikin, V.I. see Deryugin, L.N. 1-35012
- Anikina, M.Kh. see Aksinenko, V.D. 1-18662
- Anile, A.M., Miller, J.C., Motta, S. Damping of relativistic shocks in an expanding Universe 1-13891
- Anile, A.M., Mulone, G., Pluchino, S. Critical time for asymptotic acoustic waves in a gravitational atmosphere 1-32513
- Aniol, R., Riedl, J., Dieringer, M. Variation of the intensity of precipitation in space and time 1-13605
- Aniola, M. see Karwowski, J. 1-14830
- Anis, H., Srivastava, K.D. Generalized breakdown criteria for particle-contaminated sulphur hexafluoride under DC, AC and impulse voltages 1-11506
- Anishetty, R., Kochler, P., McLerran, L. Central collisions between heavy nuclei at extremely high energies: the fragmentation region 1-33253
- Anisichkin, V.F. Shock compression of porous bodies 1-24720
- Anisichkin, V.F. Calculating the null isotherms of material from shock adiabats 1-24721
- Anisimov, F.G., Dags, R.S., Sargautis, A.J. Calculating energies of 4f-5d excitations in semiconducting rare-earth monochalcogenides 1-16261
- Anisimov, I.A., Mironov, B.P. Irreversibility of degradation of polymer solutions 1-46783
- Anisimov, M.A., Kiyachenko, Yu.F., Nikolaenko, G.L., Yudin, I.K. Measurement of the viscosity of liquids and the dimensions of suspended particles by the method of correlation optical-mixing spectroscopy 1-53484
- Anisimov, M.A., Zaprudskii, V.M., Milner, G.A., Ponomarenko, E.I. Orientation phase transitions in ammonium bromide at high pressures 1-52293
- Anisimov, N.A. see Kononchuk, G.L. 1-31198
- Anisimov, O.A., Bizayev, V.L., Vocel, S.V., Molin, Yu.N. Positronium yield in viscous liquids in the presence of electron acceptors 1-29150
- Anisimov, O.A., Vocel, S.V., Molin, Y.N. The influence of aromatic admixtures on positron lifetime spectra in saturated hydrocarbons 1-31888
- Anisimov, S.I., Tribel'skii, M.I. Phase-boundary instability in crystal growth from a supercooled liquid 1-30118
- Anisimov, V.I., Gubanov, V.A., Ellis, D.E., Kurmaev, E.Z. Calculations of bandstructure of intermetallic compounds using the multiple scattering $\chi\alpha$ cluster method and k dependent boundary conditions 1-42681
- Anisimov, V.I., Kurmaev, E.Z., Gubanov, V.A. The electron structure and X-ray emission spectra of noble metal aluminides 1-35123
- Anisimov, V.N., Baranov, V.Yu., Borzenko, V.L., Burshev, V.A., Kozochkin, S.M., Malyuta, D.D., Satov, Yu.A., Sebrant, A.Yu., Smakovskii, Yu.B., Strel'tsov, A.P. Formation of nanosecond 100 GW radiation pulses in the TIR-1 CO₂ laser system 1-33711
- Anisimov, V.V., Cheryakov, O.I. On asymptotic behaviour of i-chainlets of Markov's finite chain 1-36567
- Anisimov, V.Ya. On the Poisson field temperature 1-36590
- Anisimov, V.Ya., Dashenkov, V.M., Kravchenko, V.I. Sound propagation in an anisotropic medium with induced inhomogeneity 1-19497
- Anisimov, Yu.S., Chernenko, S.P., Ivanov, A.B., Kheiker, D.M., Peshekhonov, V.D., Skvaril, J., Zanevsky, Yu.V. Multiwire proportional chambers in the devices for molecular biology constructed at JINR 1-14728
- Anisimov, Yu.S., Chernenko, S.P., Ivanov, A.B., Peshekhonov, V.D., Rozhnyatovskaya, S.A., Zanevsky, Yu.V., Kheiker, D.M., Malakhova, L.F., Popov, A.N. A two-coordinate proportional chamber with high resolution for X-ray diffraction studies of protein crystals 1-45785
- Anisimova, E.P., Ivlev, I.I., Speranskaya, A.A. Simulated description of boundary layer of natural water flow near bottom 1-40138
- Anisimova, G.P., Semenov, R.I. Parameterization of neon spectrum with consideration of spin-orbit, spin-spin, orbit-orbit interactions: $2p^33p$ and $2p^43p$ configurations 1-33401
- Anisimova, T.N. see Rabinovich, A.Z. 1-34992
- Anisimova, V.I. see Derjaguin, B.V. 1-16670
- Anisovich, V.V., Dakhno, L.G., Makarov, M.M. Separation of cross sections for the production of singlet and triplet two-nucleon states 1-39697
- Anistratov, A.T., Martynov, V.G., Polozov, Yu.I., Rez, I.S. Electrooptic properties of CsH_2AsO_4 in the vicinity of the Curie point 1-12476
- Anistratov, A.T., Vorob'ev, A.V., Grekhov, Yu.N., Malyshevskii, N.G. Dark conductivity and photoconductivity of germanosilicite crystals doped with aluminum and boron 1-30782
- Anistratov, A.T. see Amitin, L.N. 1-16230
- Aniyal, A. see Freiberg, A. 1-23343
- Ankeny, D.C. see Holt, J.B. 1-12738, 1-12814
- Ankhanov, V.B., Belousov, A.N., Egorov, V.A., Manakov, N.A. Crystal structure and coercive force of TbFe₂ films 1-25994
- Ankudinov, V.A. see Lavrov, V.M. 1-29110
- Anliker, M. see Holenstein, R. 1-49055
- Anna, P.L.De see De Anna, P.L.
- Anna Chen see Chi-Chong Wu 1-16304
- Annaev, T., Pirdzhanov, B. Time distribution of the jump beyond the fixed level for the random walk on the lineated Markov process 1-27872
- Annaka, S. see Sato, F. 1-38202
- Annari, A.P. see Topp, G.C. 1-17710
- Anne, A. see Nandedkar, S.D. 1-35905
- Annenkov, Yu.M., Surzhikov, A.P., Pogrebnyak, A.D., Surzhikov, V.P. Formation of radiation defects in MgO crystals at high excitation densities 1-25320
- Annersten, H., Ericsson, T., Nord, A.G. The cation ordering in iron-containing zinc and magnesium orthophosphates determined from Mossbauer spectroscopy 1-21090
- Annersten, H. see Tan Kai, A. 1-11719
- Anni, R., Renna, L. An efficient method for the summation of partial-wave amplitudes in the semi-classical analysis of heavy-ion scattering 1-50613
- Anni, R., Renna, L., Taffara, L. Heavy-ion scattering from strongly absorbing optical potentials 1-14533
- Annis, B.K., Datz, S., Champion, R.L., Dover-spoke, L.D. Role of negative-molecular-ion resonances in collisional detachment: $\text{Cl}^- + \text{N}_2$ 1-14990
- Annis, B.K., Stockdale, J.A.D. Collisions of UF_6^- ions with Ar, Xe, SF_6 , and UF_6 1-41463
- Annis, M. see Bjorkholm, P.J. 1-43977
- Anno, T. see Sakai, Y. 1-41507
- Annoh, K. see Hosokawa, N. 1-21349
- Annoh, K. see Konishi, A. 1-31347
- Anokhin, S.B., Novikov, B.V., Talalaev, V.G. Exciton spectrum in the presence of a metal-semiconductor interface 1-25645
- Anokhin, S.B. see Smirnov, L.A. 1-8158
- Anokhina, T.N. see Vorfolomeev, S.F. 1-23246
- Anoshin, A.I., Lyubimov, V.B., Suleimanov, M.K., Tuvdendorzh, D. Structure of angular distributions of protons emitted from events with total break-up of the carbon nucleus induced by π^- mesons at $p_{\text{lab}}=40$ GeV/c 1-41149
- Anoshin, A.I. see Abdrahmanov, E.O. 1-722
- Anosov, M.D. General theory of magnetic resonance in a magnetic field periodic in time. The dynamic properties of the macroscopic magnetic moment of a system of optically oriented atoms 1-6205
- Anosov, M.D. General theory of magnetic resonance in a magnetic field periodic in time. Resonance effects of interference of degenerate quasienergy states of an ensemble of two-level atoms 1-33412
- Anosov, M.D., Pestov, E.N., Tsyganovskii, N.S. Dynamics of the magnetic moment of a two-level spin system under conditions of mutually perpendicular magnetic fields H_0 and $H_1 \cos \omega t$, arbitrary in magnitude and frequency ω . Periodic solutions. Formation of longitudinal resonances 1-41503
- Ansaldo, E.J. Perturbed angular distribution of ^{237}Np gamma rays from the ^{237}U parent 1-10343
- Ansara, I., Bernard, C. Critical evaluation of the thermodynamic properties of the cadmium-antimony system 1-16063
- Ansari, A.A. Farooq see Farooq Ansari, A.A.
- Ansari, M.A., Sehgal, M.L. Nuclear-structure effect on K-electron capture to positron emission ratios for allowed transitions 1-14497
- Ansari, M.A.A. On unsteady dispersion flow in porous media 1-29769
- Ansari, M.H., Datt, S.C. Study of surface distortion around dynamic impacts on cleavages of sodium bromide single crystals 1-34405
- Anselm, A.A. The problem of particle generations and the quantum structure of leptons and quarks 1-40960
- Ansermet, S. see Vaterlaus, H.P. 1-12504
- Anson, F.C. see Taniguchi, V.T. 1-13035
- Anson, M., Pinder, A.C., Keating, M.J., Chung, S.-H. Application of laser speckle vibrometry to measurements of the acoustic response of the mammalian eardrum 1-44061
- Anson, M. see Pinder, A.C. 1-44062

- Ansorge, J., Mueller, St., Kissling, E., Guerra, I., Morelli, C., Scarascia, S. Crustal section across the Zone of Ivrea—Verbano from the Valais to the Lago Maggiore 1-4464
- Ansorge, J. see Banda, E. 1-4468, 1-9122
- Ansorge, R.E. see Eskreys, A. 1-594
- Anstice, P.D. see Beaumont, P.W.R. 1-12851
- Anstis, G.R. see Lawn, B.R. 1-43624
- Antal, M., Spratt, C.E., Bortle, J., Merlin, J.-C. Comet Panther (1980u) 1-54424
- Antar, A.A. see Alton, G.D. 1-46104
- Antar, B.N., Fowles, W.W. Eigenvalues of a baroclinic stability problem with Ekman damping 1-19674
- Antar, Y.M.M. see Hendry, A. 1-49324
- Antes, G. Instrumentation for experimental optics at Landis and Gyr 1-14162
- Anthes, R.A. see Carlson, T.N. 1-44234
- Anthony, A.M. see Ruffet, J.-Cl. 1-3562
- Anthony, M.T. see Hunt, C.P. 1-43237
- Anthony, P.J., Schumaker, N.E. Temperature dependence of the lasing threshold current of double heterostructure injection lasers due to drift current loss 1-6555
- Anthony, P.J., Schumaker, N.E., Zilko, J.L. High resistivity interfacial layers due to compensation by sulfur in (Al,Ga)As devices (LPE growth) 1-38841
- Anthony, P.J., Zilko, J.L., Hartman, R.L., Schumaker, N.E., Swaminathan, V., Wagner, W.R. Reliability of $0.87 \mu\text{m}$ (Al,Ga)As double heterostructure lasers with Ga(As,Sb) active layers 1-37507
- Anthony, T.R. Electromigration of liquid gallium inclusions in silicon 1-42577
- Anthony, T.R. The electromigration of liquid metal inclusions in Si 1-42578
- Antia, H.M., Banerjee, B., Chitre, S.M. Composition and equation of state of hot dense matter 1-32616
- Antic-Fidancev, E., Lemaitre-Blaise, M., Beaury, L., Teste de Sagey, G., Caro, P. Interpretation of the optical absorption spectrum and of the paramagnetic susceptibility of NdAlO₃ 1-26226
- Antikidis, J.P. The data management for remote sensing satellites 1-4623
- Antilla, R., Koivusaari, M., Kauppinen, J., Kyro, E., Hegelund, F. The ν_3 band of CD₃I around 500 cm^{-1} 1-37203
- Antiochos, S.K. Radiative-dominated cooling of the flare corona and transition region 1-32672
- Antiochos, S.K. see Krall, R.R. 1-44520
- Antiochos, S.K. see Stern, R.A. 1-54555
- Antipenko, A.P., Grishaev, I.A., Kasilov, V.I., Lapin, N.I. Shcherbak, S.F. Fission of ²³⁸U nuclei by photons from electron bombardment of a monocrystal 1-45555
- Antipenko, B.M., Ashkalunin, A.L., Mak, A.A., Sinitsyn, B.V., Tomashevich, Yu.V., Shakhkalmay, G.S. Three-micron laser action in Dy³⁺ 1-6560
- Antipenko, B.M., Sinitsyn, B.V., Uvarova, T.V. Laser converter utilizing BaYbF₇:Ho³⁺ with a three-micron output 1-51493
- Antipin, A.A., Zapasskii, V.S. Spin inversion in a CaF₂:U³⁺ crystal as a result of unpolarized optical pumping under cross-relaxation conditions 1-26180
- Antipin, L.M. see Shostakovskii, M.F. 1-21726
- Antipin, M.I. see Botoshanski, M.M. 1-25249
- Antipin, M.Yu., Kalinin, A.E., Struchkov, Yu.T., Matrosov, E.I., Kabachnik, M.I. XIV. The hydrogen bond in the crystal of [Ph₃P=O...H...O=PPh₃]⁺ClO₄⁻ of the 2:1 molecular complex of triphenylphosphine oxide with perchloric acid at room and low (-120°C) temperatures 1-30222
- Antipin, M.Yu., Lobkovskii, E.B., Semenenko, K.N., Solovchik, G.L., Struchkov, Yu.T. X-ray structural study of vanadocene 1-7157
- Antipov, A.B., Bykov, A.D., Voitsekhevskaya, O.K., Zuev, V.E., Kapitanov, V.A., Lopasov, V.P., Makushkin, Yu.S., Tolmachev, V.I., Ulenikov, O.N., Cherapanov, V.N. Absorption spectrum of water vapor in the 590 nm band 1-24161
- Antipov, A.B., Kapitanov, V.A., Ponomarev, Yu.N. Determination of the vibrational-translational relaxation time in gases from the pressure dependence of the spectrophone sensitivity 1-46093
- Antipov, V.S. see Adamov, I.Yu. 1-16519
- Antipov, Yu.M., Bezzubov, V.A., Budanov, N.P., Denisov, S.P., Gorin, Yu.P., Kartasheva, V.G., Klimenko, S.V., Lebedev, A.A., Petrukhin, A.I., Polonikov, S.A., Roishnshvili, V.N., Stoyanova, D.A., Ech, F.A. Study of ρ^0 and ω meson inclusive production by 43-GeV/c π^- mesons off of Be nuclei 1-5663
- Antipov, Yu.M., Bezzubov, V.A., Budanov, N.P., Gorin, Yu.P., Denisov, S.P., Klimenko, S.V., Kotov, I.V., Lebedev, A.A., Petrukhin, A.I., Polonikov, S.A., Roishnshvili, V.N., Stoyanova, D.A. On charge state of leading hadrons in $\pi^- + \text{nucleus} \rightarrow \mu^- + \mu^+ + \text{hadrons}$ reaction 1-45376
- Antipova, N.B. see Ignatov, A.V. 1-5298
- Antippa, A.F., Nguyen Ky Toan Topological solution of ordinary and partial fine difference equations 1-5086
- Antman, S.S. Geometric aspects of global bifurcation in nonlinear elasticity 1-23017
- Antman, S.S., Dunn, J.E. Qualitative behavior of buckled nonlinearly elastic arches 1-29582
- Anto, A.F., Hasse, L. Methods for the determination of the fluxes of momentum and heat in the surface layer over the sea 1-22535
- Antoci, S. The uncertainty relations, the wave-particle dualism and timeless paths in spacetime 1-36543
- Antohi, C. see Tanasescu, Fl.T. 1-31731
- Antolin, J. see Alonso, J.L. 1-10278
- Antolovich, S.D., Risbeck, T.R., Saxena, A., Kawabe, Y. The effect of microstructure on the fracture toughness of 300 and 350 grade maraging steels 1-39414
- Antolovich, S.D., Rosa, E., Pineau, A. Low cycle fatigue of Rene 77 at elevated temperatures 1-53265
- Antonakopoulos, G. see Dionysiou, D. 1-40324
- Antonakopoulos, G.A. see Geroyannis, V.S. 1-40462
- Antonicik, V.A., Bakaev, V.A., Bogdanov, S.D., Ostroumov, V.L. Formation of hammer-like fragments in inelastic interactions between the ¹²C nuclei with energy of 3.6 GeV/nucleon and photoemulsion nuclei 1-5762
- Antonicik, E. Interpretation of the isomer shift of interstitially implanted ¹¹⁹Sn impurities in group IV semiconductors 1-16509
- Antonelli, F., Consoli, M., Corbo, G. The leptonic width of the neutral vector boson 1-50479
- Antonello, E., Farinella, P., Guerrero, G., Mantegazza, L., Paolich, P. The period distribution of eclipsing and spectroscopic binary systems. II 1-17867
- Antonenko, A.B., Demidova, L.G. Evaluation of the accuracy in the determination of the coordinates of the energy center of the image of a point source 1-24344
- Antonenko, K.I. see Chistyakov, Yu.D. 1-11988
- Antonetti, A. see Martin, J.L. 1-9067, 1-35753
- Antonetti, A. see Myszyrowska, A. 1-52966
- Anton'eva, N.M., Vinogradov, V.M., Grigor'ev, E.P., Dmitriev, P.P., Zolotavin, A.V., Katykhin, G.S., Krasnov, N.N., Makarov, V.M. Spectra of positrons and electrons emitted in the decay of ⁸⁸Y 1-669
- Antonovich, A.I., Butskii, V.V., Vetokhin, S.S., Sarzhetskii, A.M. Charge-sensitive recorder 1-18977
- Antonevich, G.N. see Borisevich, N.A. 1-51216
- Antonevich, P.M. see Fedorov, V.V. 1-34583
- Antonia, R.A., Chambers, A.J. On the correlation between turbulent velocity and temperature derivatives in the atmospheric surface layer 1-9199
- Antonia, R.A., Chambers, A.J. Wind-wave-induced disturbances in the marine surface layer 1-17673
- Antonia, R.A., Chambers, A.J., Friehe, C.A. Note on the viscous heating term in the temperature variance equation 1-49314
- Antonia, R.A., Chambers, A.J., Phan-Thien, N. Taylor's hypothesis and spectra of velocity and temperature derivatives in a turbulent shear flow 1-13507
- Antonia, R.A., Phan-Thien, N., Chambers, A.J. Taylor's hypothesis and the probability density functions of temporal velocity and temperature derivatives in a turbulent flow 1-1926
- Antonia, R.A. see Rajagopalan, S. 1-11470, 1-46793
- Antonia, R.A. see Sokolov, M. 1-29647
- Antoniadis, M.G., Godwin, R., Lin, S.P. A new method of measuring dynamic surface tension 1-16149
- Antoniadis, D.A. see Geis, M.W. 1-7485
- Antoniadis, I., Bouchiat, C., Iliopoulos, J. A precise formulation of spontaneous breaking of grand unified theories 1-18421
- Antonich, F.J. see Battocletti, J.H. 1-43891
- Antoniewicz, P.R., Cavanaugh, R.R., Yates, J.T., Jr. Temperature effects on the infrared spectrum of chemisorbed CO 1-8609
- Antoniewicz, P.R. see Krohn, C.E. 1-35150
- Antonini, B., Geller, S., Paoletti, A., Paroli, P., Tucciarone, A. Site occupancy of ferrous ions in iron garnets [optical absorption and magnetic circular dichroism] 1-48122
- Antonini, G., Guiffant, G. Prediction of radial transport efficiency in slug flow 1-37998
- Antonini, G., Guiffant, G., Pain, J.-P., Roth, P., Zouliarian, A. Dynamic characteristics of recovery of thermal energy stored in a granular bed of encapsulated paraffin-wax 1-43808
- Antonione, C., Battezzati, L., Lucci, A., Riontino, G., Tabasso, B.C., Venturello, G. Effect of composition in (Fe,Ni,Cr)(P,B) and (Fe,Ni,Mo)B metallic glasses 1-25175
- Antoniou, M. Possibilities of realising some electrostatic voltmeters with several sensitivities 1-40811
- Antoniv, I.P. see Tsai, N.A. 1-4086
- Antonopoulos, J.G. see Chadivasiliou, S. 1-30717
- Antonopoulos, J.G. see Tsiranovits, C. 1-2844
- Antonopoulos-Domis, M. Frequency dependence of acoustic resonances on blockage position in a fast reactor subassembly wrapper 1-23787
- Antonopoulos-Domis, M. Large-eddy simulation of a passive scalar in isotropic turbulence 1-51753
- Antonov, A.N., Nikolaev, V.A., Petkov, I.Zh. Nucleon momentum and density distributions of nuclei 1-10374
- Antonov, A.N., Nikolaev, V.A., Petkov, I.Zh. Ground state energies and nuclear density distribution in the coherent flucton model 1-23628
- Antonov, A.N., Shalaev, S.P. Experimental investigation of nonstationary flow in cavities in a supersonic flow 1-19749
- Antonov, A.S. On the mechanism of acoustic field action on aerosol systems in a quasi-liquid state 1-29447
- Antonov, A.V., Isakov, A.I., Kovyl'nikov, V.N., Lin'kova, N.V., Mikerov, V.I., Tukarev, V.A. Investigation of the evolution of the spectrum of ultracold neutrons in the course of their storage 1-33279
- Antonov, A.V. see Aibergenov, T.A. 1-10404
- Antonov, A.V. see Belyaeva, A.I. 1-3224, 1-25997, 1-50177, 1-52817
- Antonov, A.V. see Martynenko, A.P. 1-12387
- Antonov, A.V. see Mikheev, M.N. 1-31810
- Antonov, G.I. see P'yanykh, E.G. 1-31400
- Antonov, M. see Nemoshkalenko, V.V. 1-38707
- Antonov, N.A., Yaneva, N.B. A program for dynamic noise investigations of reactor systems 1-23749
- Antonov, P.I. see Levinson, D.I. 1-2359
- Antonov, V.A., Arsen'ev, P.A., Artyukov, Z.A., Petrova, D.S. Spectroscopic properties of Dy³⁺ ions in LiYO₂ single crystals 1-16601
- Antonov, V.A., Bykovskiy, Yu.A., Larkin, A.I. Code distance technique in holographic diagnostics 1-8966
- Antonov, V.B., Babonas, G., Kurbanova, E.I., Silaika, A. Optical spectra of Pb_{0.8}Sn_{0.2}Te and Pb_{0.93}Sn_{0.07}Se 1-16583
- Antonov, V.G. see Isaev, A.N. 1-53349
- Antonov, V.M. see Nalimov, I.P. 1-1519
- Antonov, V.M. see Nemoshkalenko, V.V. 1-38707
- Antonov, V.N. see Nemoshkalenko, V.V. 1-20615, 1-25622
- Antonov, V.S., Letokhov, V.S. Laser multiphoton and multistep photoionization of molecules and mass spectrometry 1-46034
- Antonov, V.V., Voitsekhevskii, A.V. Spectral characteristics of the current due to the drag of carriers by photons in p-type gallium arsenide 1-30781
- Antonov, V.V., Voitsekhevskii, A.V., Kozyreva, A.V. Drag of carriers by photons in narrow-gap semiconductors 1-52580
- Antonova, I.V. Stomatological instruments with fiber light pipes 1-8951
- Antonova, I.V. see Moll, A.N. 1-4353
- Antonova, K.A. see Zartov, G.D. 1-1679
- Antonova, L.L. see Fateev, V.N. 1-23351
- Antonova, M.M., Endrzhetskaya, S.N., Luk'yan-chikov, V.S., Shablina, A.G., Khoryakov, O.T. Influence of technological characteristics of LaNi₃ on its sorption capacity for hydrogen 1-30549
- Antonova, S.I., D'yakova, V.V. Glass formation in two-component high-silica borosilicate glasses synthesized by a 'sol-gel' method 1-43310
- Antonova, Ye.Ye., Tverskoy, B.A. Role of the polar ionosphere as an ion source in the magnetosphere 1-22592
- Antonovskaya, E.I. see Sukhotin, A.M. 1-35378
- Antonsen, T.M., Jr., Coppi, B. Non-asymptotic theory of collisionless reconnecting modes 1-42164
- Antonucci, R.R.J. see Miller, J.S. 1-36432
- Antony, A.V. see Joshi, M.S. 1-11961, 1-20311, 1-42386
- Antonyan, K.G. see Avundzian, A.T. 1-37062
- Antonyuk, V.N., Matsas, E.P., Snitko, O.V. Determination of the optical constants of a real indium antimonide surface 1-31119
- Antonyuk, V.N. see Matsas, E.P. 1-21779
- Antoranz, J.C. see Velarde, M.G. 1-33647, 1-40733
- Antos, G. see Fock, K. 1-28015
- Antoshchuk, A.I., Bakuma, T.D., Zhuravskii, E.A., Podval'nykh, G.S. Properties of Al doped Ni ferrites 1-52803
- Antoshchuk, A.I. see Kirichok, P.P. 1-7190
- Antoshina, R.I. see Flis, A.A. 1-31615
- Antoszkiewicz, K., Markowski, J. Gunn diode thermal resistance measurement by utilization of the thermoelectric effect 1-28020

- Antreasyan, D.**, Atwood, W., Balakin, V., Battiston, R., Becker, U., Bellettini, G., Braccini, P.L., Branson, J.G., Burger, J., Carbonara, F., Carrara, R., Castaldi, R., Casavini, V., Cervelli, F., Chen, M., Chieffari, G., Del Prete, T., Drago, E., Fujisaki, M., Hodous, M., Lagerlund, T., Laurelli, P., Leistam, O., Little, R., Luckey, P.D., Massai, M.M., Matsuda, T., Merola, L., Morganti, M., Napolitano, M., Newman, H., Novikov, D., Perasso, L., Reibel, K., Revol, J.P., Rinzivillo, R., Sanguinetti, G., Sciacca, C., Spilantini, P., Strauch, K., Sugimoto, S., Ting, S.C.C., Toki, W., Valdatta-Nappi, M., Vannini, C., Vannucci, F., Visco, F., Wu, S.L. Dimuon spectra from 62 GeV proton collisions 1-10287
- Antsibor, N.M.** see Kerzhanovich, V.V. 1-9397
- Antsifirov, V.V.**, Rubin, A.L., Salae, V.A., Sharko, A.V. Improved probes for ultrasonic flaw detection 1-31817
- Antsiyov, G.V.**, Zenevich, V.A., Klepatskii, A.B., Kon'shin, V.A., Sukhovitskii, E.Sh. An influence of different concepts concerning nuclei levels density on calculation of neutron actinides cross-sections 1-18833
- Antsulevich, V.I.** see Azderikho, K.S. 1-33878
- Antsygina, T.N.**, Pastur, L.A., Slusarev, V.A. Localized states and kinetic properties of one-dimension disordered systems 1-42721
- Anttila, A.**, Hirvonen, J., Hautala, M. Trapping of nitrogen in Mo due to defects generated by 50-400 keV H⁺ and He⁺ ions 1-47110
- Anttila, A.** see Varjoranta, T. 1-35402
- Anttila, R.** see Koivusaari, M. 1-51198
- Anttila, R.** see Paso, R. 1-45955
- Antuf'ev, B.A.**, Shklyarchuk, F.N. Deformation of thin shells loaded through elastic one-dimensional doublers 1-15405
- Antuf'ev, Yu.P.**, Mishchenko, V.M., Ivanyutin, L.A., Popov, A.I., Prokop'ev, E.P., Storizhko, V.E. Investigation of three-quanta positron annihilation in GaAs and GaP semiconductors 1-3532
- Antyufeyeva, G.I.** see Mikhailov, A.S. 1-36759
- Anuchin, O.N.** see Karakashev, V.A. 1-40783
- Anufriev, B.N.** see Smyslov, V.I. 1-48436
- Anufriev, V.A.**, Kolesov, A.G., Nikol'skii, S.N., Safonov, V.A. Measurement of the total neutron cross section of ¹⁴²Nd 1-23710
- Anufriev, Yu.P.** see Fridman, A.M. 1-43456
- Anusoso, C.I.** see Ettinger, K.V. 1-8134, 1-9031
- Anwar, N.Y.**, Small, R.D. Geometrical-optics solution for self-focusing in nonlinear optics 1-37558
- Anxolabehere, D.**, Bernard-Daugeras, N., Favard-Sereno, C., Fizzer, J., Lauthier, M., Periquet, G. A contribution of the computer to biology education at the University 1-36475
- Anyutin, A.P.** Effect of plasma inhomogeneity on the character of AM and FM signal distortion 1-38111
- Anzai, S.**, Ohta, S. Magnetic properties of V₅Te₃ 1-20963
- Anzai, S.**, Ozawa, K. Combined pressure-effects on the Curie temperatures from the itinerant and localized electron magnetisms in Mn₂X₂Bi₄[X: Rh or Pd] 1-30943
- Anziska, B.**, Cracco, R.Q. Short latency somatosensory evoked potentials: studies in patients with focal neurological disease 1-17410
- Aolz, F.J.L.**, Herrero, V.J., Gonzalez Urena, A. Observed thermal energy dependence of the K+C₂H₂→Kl+C₂H₄ reaction cross section from 0.17 to 0.55 eV (c.m.) 1-4050
- Aoki, A.** A modified semi-quantitative method for dopant in ZnS thin film with an ion microanalyzer 1-11782
- Aoki, A.** see Kametani, H. 1-8580
- Aoki, H.** Higher order calculation of finite periodic standing gravity waves by means of the computer 1-15501
- Aoki, H.** see Chang-Rim Lee 1-7123
- Aoki, K.**, Hioki, Z., Kawabe, R., Konuma, M., Muta, T. One-loop corrections to π -e scattering in Weinberg-Salam theory. Neutral current processes 1-5551
- Aoki, K.**, Kobayashi, T., Yamamoto, K. Impact ionization of the free exciton in GaAs 1-16290
- Aoki, K.**, Miyamae, K., Kobayashi, T., Yamamoto, K. Current noise due to impact ionization of shallow neutral donor in n-GaAs 1-20752
- Aoki, K.**, Miyamae, K., Kobayashi, T., Yamamoto, K. Photocurrent noise observed by resonant photoexcitation at 4.2K in n-GaAs 1-52602
- Aoki, K.** see Arikawa, K. 1-32185
- Aoki, M.**, Minato, H. Lattice constants of wairakite as a function of chemical composition 1-47047
- Aoki, M.** see Ishidate, T. 1-24453
- Aoki, M.** see Kikuchi, K. 1-31137
- Aoki, M.** see Nakamura, H. 1-43282
- Aoki, M.** see Ogino, T. 1-48148
- Aoki, S.**, Sakata, M. Statistical approach to delayed failure of brittle materials 1-3892
- Aoki, S.**, Sakata, M. Crack bifurcation under hydrostatic pressure 1-26587
- Aoki, S.**, Sinzi, A.M. Present status of the Astronomical Ephemeris 1-44447
- Aoki, S.** see Akai, M. 1-29759
- Aoki, S.** see Kishimoto, K. 1-1880, 1-24747
- Aoki, S.** see Kozawa, Y. 1-28518
- Aoki, S.** see Takahashi, K. 1-3973, 1-3974
- Aoki, T.**, Homma, S., Nakano, H. Dynamical properties of the three-dimensional XY model at low temperatures 1-7803
- Aoki, T.** see Ikezawa, S. 1-42162
- Aoki, T.** see Saitoh, M. 1-7419
- Aoki, T.** see Sakai, S. 1-11174
- Aoki, Y.** Analysis of discrete wave system by optical ray operators 1-1487
- Aoki, Y.**, Kasuya, T. Anisotropic exchange interaction in CeB₆ 1-16425
- Aoki, Y.** see Torizumi, K. 1-9010
- Aono, M.**, Chiang, T.-C., Himpel, F.J., Eastman, D.E. Delayed onset of 4d photoemission relative to the giant 4d photoabsorption of La 1-53054
- Aono, M.** see Chiang, T.-C. 1-19068
- Aono, M.** see Oshima, C. 1-38634
- Aono, S.** see Deguchi, K. 1-39612
- Aono, T.** see Kinoshita, A. 1-47000
- Aono, Y.** see Kitajima, K. 1-26488
- Aota, M.**, Kawamura, T. Observation of oceanographic condition in the Okhotsk Sea coast of Hokkaido in winter. II 1-9170
- Aoyagi, K.** see Kojima, N. 1-12490
- Aoyagi, M.** see Saito, T. 1-13618
- Aoyagi, Y.** see Murakami, K. 1-52158
- Aoyagi, Y.** see Segawa, Y. 1-47501
- Aoyama, H.**, Kobayashi, M. Pair creation in strong electric fields 1-14280
- Aoyama, I.** see Takeuchi, I. 1-49437
- Aoyama, S.**, Tonin, M. The dimensional regularization of chiral gauge theories and generalized Slavov-Taylor identities 1-45120
- Aoyama, T.** see Matsuno, O. 1-33479
- Aoyama, T.** see Watanabe, T. 1-23962
- Apai, G.**, Lee, S.-T., Mason, M.G. Valence band formation in small silver clusters 1-52477
- Apai, G.** see Lee, S.-T. 1-42669
- Apai, G.** see Mason, M.G. 1-16654
- Apai, G.** see Stohr, J. 1-28915
- Apakhov, M.I.**, Raikhan, A.Z. Use of electronic apparatus for multi-directional ultrasonic flaw detection 1-16983
- Apasnenko, A.L.** see Kulagin, N.A. 1-52129
- Apashevich, P.A.**, Afanas'ev, A.A., Zhvayvi, S.P. Efficiency of wavefront reversal of optical beams in four-wave interactions in a resonant medium 1-33741
- Apashevich, P.A.**, Kilin, S.Ya. Resonant scattering of high-power radiation and fluorescence of relaxing quantum systems 1-1163
- Aparicio, B.** see Hultqvist, B. 1-40286
- Aparicio, R.** see Moore, T.E. 1-22639
- Aparin, V.I.**, Dukhovskii, E.A., Makarov, Yu.V., Silin, A.A. The effect of the type of treatment of molybdenum before sulfiding on the wear resistance of MoS₂ coatings 1-31677
- Aparisi, R.R.**, Teplyakov, D.I., Khantais, B.G. Geometric and kinematic characteristics of heliostats for a tower-type solar power plant 1-17151
- Apatin, V.M.** see Ambartsumyan, R.V. 1-51209
- Apaydin, N.**, Prabhakar, K.V., Doherty, R.D. Special grain boundaries in rheocast Al-Mg 1-31451
- Apel, J.R.** Satellite sensing of ocean surface dynamics 1-13488
- Apelblat, A.** A continuous level gauge with the linear response for cylindrical vessels 1-221
- Apeldoorn, G.W.** van see van Apeldoorn, G.W.
- Apellian, D.** see Langford, G. 1-43330
- Apell, P.**, Ahlqvist, P. Quantum size effects on optical properties of thin films 1-39170
- Apell, P.** see Cucerlaru, I.M. 1-26322
- Apenko, S.M.** see Lozovik, Yu.E. 1-34459
- Apers, D.J.**, Debust, R., Dejeht, F., Lombard, E. A proposal for the study of age of stalagmites of Belgian caves by ESR 1-54280
- Apfel, J.H.** The preparation of optical coatings for fusion lasers 1-19406
- Apfel, J.H.** see Carniglia, C.K. 1-37528
- Apfel, R.E.** Photon-insensitive, thermal to fast neutron detector 1-45787
- Apkarian, V.A.**, Weitz, E. The kinetics of vibrational energy transfer and relaxation processes in matrix isolated CHF₃ 1-14952
- Apkarian, V.A.** see Moser, M. 1-37245
- Apollonov, V.V.**, Derzhavin, S.I., Kononov, I.G., Firsov, K.N., Shakir, Yu.A., Yamshchikov, V.A. CO₂/N₂/He mixtures with easily ionized admixtures 1-33658
- Apollonov, G.V.** see Volobuev, V.S. 1-5305
- Apolonskii, A.N.**, Bel'chenko, Yu.I., Dimov, G.I., Dudnikov, V.G. Gas efficiency of surface-plasma sources of negative hydrogen ions 1-33362
- Apostol, D.** Matricial theory in classical photoelasticity 1-15402
- Apostol, D.** Matrix theory of holographic photoelasticity 1-51420
- Apostol, D.** see Tudor, T. 1-33795
- Apostol, I.** see Ursu, I. 1-19921
- Apostol, M.** Backscattering in the one-dimensional many-fermion system 1-52512
- Apostol, M.**, Corciovei, A., Stoica, S. Density excitation spectrum of the one-dimensional Fermi gas 1-42707
- Apostolakis, G.** see Moieni, P. 1-5925
- Apostolidis, E.** see Agarwal, G.S. 1-45895
- Apostolov, A.**, Mikhov, M., Masheva, V. Magnetic anisotropy of low-carbon cold-rolled steels 1-16910
- Apostolov, A.**, Vatskichev, L., Vatskicheva, M., Grudeva, E., Stanev, N. Transverse and planar Hall effect in Gd-Fe films with weak magnetic anisotropy 1-42744
- Apostolov, A.** see Skumriev, V. 1-38951
- Apostolov, A.** see Yordanova, I. 1-16799
- Apostolov, A.V.**, Minov, M.T., Hristov, H.A., Cholakov, P.T., Harizanova, Z.T. Magnetic phase diagram of calcium ferrite 1-30937
- Apostolov, T.G.**, Prodanova, R.I., Manolova, M.A. A program complex for calculating the nuclear fuel burn-up and build-up of fission products in WWER-irradiated fuel assemblies 1-23748
- Apparao, K.M.V.**, Chitre, S.M. Infrared bursts from Liller I/MXB 1730-333 1-9729
- Apparao, K.M.V.**, Chitre, S.M. Cyclotron lines—a possible clue to the origin of gamma ray bursts 1-40577
- Apparao, K.M.V.**, Naranan, S., Kelley, R.L., Bradt, H.V. 2S 1417-624: a variable galactic X-ray source near CG 312-1-1-32773
- Apparao, K.M.V.** see Kelley, R.L. 1-49713
- Appazov, R.F.**, Vinogradova, G.A., Voevodin, S.A., Kamenkov, E.F. A control algorithm for the final descent stage 1-54341
- Appel, A.**, Nass, C., Stein, A.J. Haloed line effect for casting shadows 1-1513
- Appel, F.** The influence of dislocation densities and Ca⁺⁺ impurities on macroscopic flow parameters of NaCl 1-20221
- Appel, F.** see Messerschmidt, U. 1-5441, 1-30234
- Appel, H.**, Eder, F.X. Pressure drop in selected porous materials used for thermal regenerators 1-38005
- Appel, J.**, Fay, D. Comment on the isotope effect in weak itinerant ferromagnets 1-7856
- Appel, J.** see Fay, D. 1-12228
- Appel, J.** see Kuwamoto, H. 1-12157
- Appelbaum, A.** see Nitzan, M. 1-9051
- Appelblad, O.**, Lagerqvist, A., Renhorn, I., Field, R.W. The spectrum of CuO: low lying electronic states observed by laser induced fluorescence 1-37209
- Appellof, C.J.** see Katriel, J. 1-49965
- Appelquist, T.**, Bernard, C. Nonlinear σ model in the loop expansion 1-45136
- Appelt, K.**, Jurawicz, K. The soluble zinc electrode as an anode for alkaline accumulators 1-8701
- Appenzeller, L.**, Chavarria, C., Krautter, J., Mundt, R., Wolf, B. UV spectrograms of T Tauri stars 1-13767
- Appenzeller, I.**, Wendker, H.J. The Cygnus X region. XII. On the excitation and distance of the gamma Cygni H II Region 1-17885
- Appenzeller, I.** see Mundt, R. 1-40480
- Appenzeller, I.** see Zekl, H. 1-49533
- Apperson, G.R.** see Hollister, J.H. 1-46151
- Appert, K.** see Muschietti, L. 1-38120
- Appert, K.** see Vachlavik, J. 1-6961
- Applebaum, M.** Scope calibrator 1-23201
- Appleby, A.J.**, Bockris, J.O'M. Calculation of the energy change involved in chemical reactions occurring irreversibly 1-32051
- Appleby, A.J.**, Van Drunen, C. Solubilities of oxygen and carbon monoxide in carbonate melts 1-7335
- Appleby, D.G.** SAR wave imaging [oceanography] 1-54293
- Appleby, G.M.** Fading occultations of stars by the Moon: 1943-1977 1-40313
- Applegate, H.G.** see Gray, R.W. 1-53718
- Applegate, J.H.** see Bethe, H.A. 1-32715
- Appiequist, M.D.** see Chung, Y. 1-4532
- Appleton, B.R.** see Barrett, J.H. 1-21314
- Appolonov, V.V.**, Prokhorov, A.M., Komich, V.Yu., Chetkin, S.A. Method for measuring the intensity distribution of intense laser beams 1-1612
- Apps, M.C.P.** Measurements and their meaning. Osmolality: plasma and urine 1-17544
- Appu, K.S.**, Sivasadan, K., Narayanan, V. The thermal structure of troposphere, stratosphere and mesosphere over the equatorial India 1-22433
- Aprile, E.** see Deiters, K. 1-51044
- Aprilese, G.**, Menziani, M., Rivasi, M.R., Serafini, M. Automatic data collection by a low-power microprocessor on the Italian buoy 1-49398
- Apruzese, J.P.** see Whitney, K.G. 1-15606
- Apshtein, E.Z.**, Pilyugin, N.N., Tirsikii, G.A. A study of the destruction of space meteoric particles moving in the upper layers of the atmosphere 1-22734
- Apte, N.** see Guha, S. 1-16307, 1-48082
- Apte, N.** see Sen, P.K. 1-35040
- Apted, M.J.** Rare earth element systematics of hydrous liquids from partial melting of basaltic eclogite: a re-evaluation 1-40087
- Aptekar, L.I.** Phase transitions in noncrystalline germanium and silicon 1-7316

- Aptekar, R.L. *see* Mazets, E.P. 1-9731, 1-13796, 1-22929
- Apykhin, N.N., Dunaev, A.A., Mikhailov, M.D., Panus, V.R. Cooling rate of quenched melts of chalcogenide glasses 1-43331
- Arabasz, W.J., Smith, R.B., Richins, W.D. Earthquake studies along the Wasatch front, Utah: network monitoring, seismicity and seismic hazards 1-49212
- Arabczyk, W. *see* Mussig, H.-J. 1-43704
- Arabei, B.G. Interaction in the system Si-B 1-8284
- Arabei, B.G. *see* Gryaznov, G.M. 1-35512
- Arabi, R.M.El *see* El Arabi, R.M.
- Arad, B., Eliezer, S., Gazit, Y., Jackel, S., Karmi, Y., Loebenstein, H.M., Zigler, A. Laser light absorption in long-pulse high-irradiance experiments 1-34050
- Arafa, A. *see* Hahne, E. 1-17249
- Arafa, W. *see* Ismail, H.A. 1-36919
- Arafah, M. *see* Ram, B. 1-33093
- Aragao de Carvalho, C., Rosa, S.G., Jr. The relativistic Bose gas 1-161
- Aragon, R. *see* Joshi, G.M. 1-30747
- Aragnone, C., Deser, S. Higher spin vierbein gauge fermions and hypergravities 1-5201
- Aragnones, J.M. *see* Velarde, G. 1-18897
- Arai, E. *see* Ogawa, M. 1-18984
- Arai, H. *see* Mizoguchi, T. 1-12765
- Arai, J., Ino, Y., Iwaki, H. Environmental effect on fatigue crack growth of Al alloy 1-43490
- Arai, K., Kobayashi, R. Measurement of isochoric P-V-T behavior of a nominal 95-mol-% methane-5-mol-% propane mixture from near-ambient to cryogenic temperatures 1-52255
- Arai, K., Tsuya, N. Magnetostriction of amorphous ferromagnetic ribbons 1-42990
- Arai, K. *see* Iwakura, T. 1-53710
- Arai, K. *see* Kotaka, T. 1-35273
- Arai, K. *see* Tabe, M. 1-11963
- Arai, K. *see* Takada, Y. 1-25804, 1-47752
- Arai, K. *see* Tsuya, N. 1-26514, 1-43291
- Arai, K.I. *see* Petrakovskii, G.A. 1-26006
- Arai, K.I. *see* Takahige, M. 1-26137
- Arai, K.I. *see* Tsuya, N. 1-4181, 1-8251
- Arai, M., Nishiyama, K., Watanabe, N. Radiation annealing of GaAs implanted with Si 1-43373
- Arai, M. *see* Hiroyasu, H. 1-17055
- Arai, M. *see* Nishiyama, K. 1-11773
- Arai, M. *see* Tremblay, A.-M.S. 1-50054
- Arai, S., Asada, M., Suematsu, Y., Itaya, Y., Tanbun-Ek, T., Kishino, K. 1.6 μm wavelength GaInAsP-InP BH lasers fabricated by new process 1-11021
- Arai, S., Katayama, T., Tojyo, E., Yoshida, K. Beam-loading effects in a standing-wave accelerator structure 1-50999
- Arai, S. *see* Adams, A.R. 1-11004
- Arai, S. *see* Ishikawa, Y.-i. 1-19144
- Arai, S. *see* Stukljaer, K. 1-19333
- Arai, T. Carbide coating process by use of molten borax bath in Japan 1-48586
- Arai, T., Mori, Y., Imai, Y., Sugino, K., Obara, M., Fujioka, T. CW X-ray preionized pulsed gas lasers 1-46379
- Arai, T., Onari, S., Mori, T., Kitahara, T., Yamamoto, K. Structure and energy level scheme of amorphous As-Se system 1-47440
- Arai, T. *see* Kato, M. 1-26192
- Arai, T. *see* Kawasumi, H. 1-8465
- Arai, T. *see* Kitahara, T. 1-12624
- Arai, T. *see* Sengoku, S. 1-2988
- Arai, Y. *see* Iwai, Y. 1-47242
- Arai, Y. *see* Saito, Y. 1-35910
- Arai, Y. *see* Yasue, T. 1-20172
- Arajs, S., Aidun, R., Moyer, C.A. Antiferromagnetism and electrical resistivity of dilute chromium-germanium alloys 1-25697
- Arajs, S. *see* Caton, R. 1-2335
- Arajs, S. *see* Moyer, C.A. 1-7583
- Arakawa, E.T. *see* Calcott, T.A. 1-31239
- Arakawa, E.T. *see* Painter, L.R. 1-3519
- Arakawa, E.T. *see* Tagle, J.A. 1-8164
- Arakawa, H. *see* Ito, T. 1-26121
- Arakawa, K. *see* Ohma, S. 1-52033
- Arakawa, K. *see* Shimada, R. 1-10535
- Arakawa, M. Packing structure and tensile strength in powder bed 1-35318
- Arakawa, R. *see* Nishi, T. 1-50660
- Arakawa, T. *see* Sawafuji, K. 1-39553
- Arakawa, Y. *see* Horike, H. 1-23920
- Arakelyan, A.A. *see* Abgaryan, Yu.A. 1-7715
- Arakelyan, A.O. *see* Sarkisyan, A.G. 1-39655
- Arakelyan, E.A. *see* Frolov, A.M. 1-28771
- Arakelyan, E.A. *see* Maishev, V.A. 1-25348
- Arakelyan, G.G., Borekso, K.G., Kaidalov, A.B. Antiquark distributions inside pion and nucleon 1-54048
- Arakelyan, S.M., Eritsyan, O.S., Karayan, A.S., Chilingaryan, Yu.S. Optical characteristics of a layer of cholesteric liquid crystal between dielectric plates of finite thickness and analysis for a filled Fabry-Perot resonator 1-8035
- Arakelyan, S.M., Galst'yan, S.R., Gariyban, O.V., Karayan, A.S., Chilingaryan, Yu.S. Strong nonlinear optical activity effects in nematic phase of liquid crystals 1-19393
- Arakelyan, S.M., Lyakhov, G.A., Chilingaryan, Yu.S. Nonlinear optics of liquid crystals 1-33750
- Arakelyan, V.M. *see* Sarkisyan, A.G. 1-39655
- Arakeri, V.H. Delay of turbulent transition by surface heating in water 1-42048
- Araki, H. A remark on Machida-Namiki theory of measurement 1-14041
- Araki, H., Hirata, K., Fujimura, Y. Microstructural change with annealing in a series of cold rolled 18Cr-8Ni stainless steels 1-26493
- Araki, H., Park, G., Hikata, A., Elbaum, C. Ultrasonic studies of metallic glasses [PdSiCu] 1-15958
- Araki, H., Shioya, S., Matsuda, M. On the thermal stresses of an infinite plate with an infinite row of circular inclusions under uniform heat flow 1-24673
- Araki, H. *see* Nishino, O. 1-45631
- Araki, H. *see* Shikama, T. 1-39581
- Araki, K. *see* Ogishi, S. 1-43307
- Araki, M., Tomidokoro, G., Yamamoto, M. Longitudinal dispersion affected by obstructions in open channels 1-42089
- Araki, R., Tamura, M., Yamazaki, I. The optical measurements on perfused organs 1-49166
- Araki, S. *see* Akiyama, M. 1-11203
- Araki, T. *see* Horibe, S. 1-39375
- Araki, T. *see* Kikuta, Y. 1-53262
- Araki, Y., Ohbuchi, Y., Sakurai, Y. Uniformity of magnetic properties in amorphous thin films 1-47918
- Aralbaev, T.Z., Sevast'yanov, A.K., Vavilin, G.V. Subsystem automatic the DRON-2.0 X-ray diffractometer 1-45099
- Arama, E.D. *see* Vinogradov, E.A. 1-8062
- Aramaki, S., Ikeda, Y. Note on Green functions in the inequivalent representations 1-45128
- Aramaki, S. *see* Hamuro, K. 1-44158
- Aramaki, S. *see* Tajima, H. 1-44157
- Aran, J.M. *see* Cazals, Y. 1-53795
- Aranda, M.M.Kobas *see* Kobas Aranda, M.M.
- Aranovich, J.A., Golmoy, D., Fahrenbruch, A.L., Bube, R.H. Photovoltaic properties of ZnO/CdTe heterojunctions prepared by spray pyrolysis 1-3004
- Arapova, I.A. *see* Khodos, M.Ya. 1-53453
- Aras, N.K., Gallagher, P.W., Walters, W.B. Decay of the new closed-shell nuclide 2.0 min ^{92}Pd 1-662
- Aras, N.K. *see* Gallagher, P.W. 1-45428
- Arashi, H. *see* Pirou, B. 1-39070
- Arata, H., Nishimura, M. Thermodynamics of electron transfer and its coupling to vectorial processes in biological membranes 1-13216
- Arata, Y. *see* Ogino, T. 1-14149
- Aratani, K. *see* Maeda, E. 1-43543
- Araujo, C.B. *see* de Araujo, C.B.
- Araujo, R.J. Statistical mechanical model of boron coordination 1-30072
- Araujo, R.J. Temperature dependence of boron coordination in alkali borate glasses as an example of a second order transition 1-30363
- Araujo, R.J., Smith, D.W. The effect of boron coordination on halogen solubility, nickel colour, and photochromism in potassium aluminoborosilicate glasses 1-7087
- Aravamudan, G. *see* Subramanian, M.A. 1-20782
- Arave, A.F. *see* Johnson, S.A. 1-14677
- Araya, K. *see* Aihara, J.-I. 1-33578
- Arabbahhram, A. *see* Phien, H.N. 1-32477
- Arbol, J.A. Ruiz *de* *see* Ruiz *de* Arbol, J.A.
- Arbrosimov, V.I. Excitation of β vibrations at the α decay of heavy deformed nuclei 1-5746
- Arbuthnot, G.W. *see* Brown, J.R. 1-49173
- Arbuzov, B.A., Sultanov, S.F. Heavy leptons in schemes with four-component neutrinos 1-45190
- Arbuzov, B.A. *see* Alekseev, A.I. 1-50354
- Arbuzov, M.P., Barakin, V.V., Dizhechko, N.N. Installations for resolving X-ray doublets 1-29968
- Arbuzov, M.P., Pavlyukov, A.A., Gikhman, E.I. Structural changes occurring during the aging of $(\text{Co}_{0.8}\text{Cu}_{0.2})_{70}\text{Ce}$ alloy 1-31508
- Arbuzov, M.P., Pavlyukov, A.A., Golub, N.S. An X-ray diffraction study of the structure of $(\text{Co}_{0.8}\text{Cu}_{0.2})_{70}\text{Sm}$ alloy 1-20131
- Arca, P. *see* Maillard, J.P. 1-19090
- Arca, M., Brull, M.A. An experimental approach to the contact problem between flexible and rigid bodies 1-19653
- Arca, M. *see* Voloshin, A. 1-35309
- Arcangeli, G., Mauro, F., Nervi, C., Withers, H.R. Dose-survival relationship for epithelial cells of human skin after multifraction irradiation: evaluation by a quantitative method in vivo 1-17459
- Arca, P. *see* Secroun, C. 1-45952
- Arca, P., Arie, E., Boulet, C., Maillard, J.P. Self-shifting of CO₂ lines in the 3 μm band at 1.43 μm 1-37263
- Arce-Medina, E. *see* Felder, R.M. 1-39691
- Arch, B. *see* Lebens, R.M. 1-32002
- Archambeau, B.E. *see* Bennett, G.W. 1-32191
- Archambeau, J.O. *see* Bennett, G.W. 1-32191
- Archambeau, J.O. *see* King, G.A. 1-43917
- Archer, J.W. Solar observations with the Very Large Array 1-4774
- Archibald, P.C. *see* Hopkins, A.K. 1-29354
- Archuleta, R.J., Day, S.M. Dynamic rupture in a layered medium: the 1966 Parkfield earthquake 1-22502
- Arcidiacono, G. On the 'projective' magnetohydrodynamics 1-128
- Arcipiani, B. The backward Kolmogorov equation for the statistical distribution of coagulating droplets 1-8623
- Arcipiani, B., Pacilio, N. A discussion of the forward and backward Kolmogorov equations for multiplying systems 1-33281
- Arcisz, M. Bifurcation conditions for ideal fibre-reinforced materials 1-15428
- Arciszewski, H.F.R. *see* Aarts, H.J.M. 1-23931
- Arciszewski, H.F.R. *see* Scherpenzeel, D.E.C. 1-23599
- Arcoragi, J.-P., Fontaine, G. Acoustic fluxes in white dwarfs 1-49646
- Arculus, R.J., Delano, J.W. Implications for the primitive atmosphere of the oxidation state of Earth's upper mantle 1-17569
- Ardanuy, P. *see* Krishnamurti, T.N. 1-9228
- Ardashava, M.M., Bezmenov, V.Y., Borovoi, V.Y., Osipov, V.V., Pleshakov, L.A., Ryzhkov, M.V. Redistribution of the heat flux on the flat surface of a half cone for variation of the Reynolds number over a wide range 1-24777
- Ardavan, H. Is the light cylinder the site of emission in pulsars? 1-32719
- Ardeberg, A. Photoelectric photometry of stars in the Small Magellanic Cloud 1-4912
- Ardeberg, A. On the practical application of the MK and related spectral-classification systems to spectrograms of various resolutions 1-49633
- Ardeberg, A., Maurice, E. Circumstellar absorption and intrinsic colours of massive stars 1-22800
- Ardelan, J. *see* Burzo, E. 1-26091
- Ardell, A.J. *see* Lee, E.J. 1-21460
- Ardell, A.J. *see* Weaver, L. 1-2535
- Ardissou, C., Valladon, M., Vernois, J., Ardissou, G. Measurement of γ -rays associated with the disintegration of ^{24}Np by capture [of electrons] 1-18597
- Ardissou, G. *see* Ardissou, C. 1-18597
- Arditi, M., Pique, J.-L. Preliminary operation of a laser optically pumped caesium beam atomic clock 1-5287
- Ardonceanu, P., Lee, D.H., Alziary de Roquefort, T., Goethals, R. Turbulence behaviour in a shock wave/boundary layer interaction 1-2032
- Ardouin, D., Hanson, D.L., Stein, N. Alpha-particle transfer to 0^+ states in the germanium nuclei and the role of proton pairing correlations 1-14543
- Arecchi, F.T. Laser sources 1-37453
- Arecchi, F.T., Bassan, M., Moleisni, G. A simple inexpensive MTE meter 1-5369
- Arecchi, F.T., Gea, J., Romanelli, F. A heuristic derivation of the time dependent properties of a free electron laser 1-41654
- Arecchi, F.T., Politi, A. Transient fluctuations in the decay of an unstable state 1-182
- Arecchi, F.T., Ronchi, L.R. Temporal coding of colour information 1-4281
- Aref, H., Siggia, E.D. Vortex dynamics of the two-dimensional turbulent shear layer 1-11379
- Aref, H. *see* Siggia, E.D. 1-37880
- Arefev, K.P. *see* Boev, O.V. 1-2923
- Arefev, V.N., Sizov, N.I., Dianov-Klovok, V.I., Ivanov, V.M. CO₂-laser radiation absorption in 1000 cm^{-1} water vapour continuum 1-40193
- Arefev, V.N. *see* Dianov-Klovok, V.I. 1-19095
- Arefev, V.P., Nurmambetov, S.B. Polarization effect in the observation of positron annihilation in ionic crystals 1-12598
- Arefeva, I.Ya. Gauge theory and bags 1-5587
- Arefeva, I.Ya., Krivoshechekov, V.K., Medvedev, P.B. 1/N perturbation theory, and quantum conservation laws for the supersymmetric LG field 1-50329
- Arefeva, L.G. *see* Sosnin, V.V. 1-8337
- Arellano Ferro, A., Garzon, R.F. On the $\lambda 4430$ interstellar band: a visual classification 1-4972
- Arena, A.V., Mueller, T.J. Laminar separation, transition and turbulent reattachment near the leading edge of airfoils 1-15471
- Arena, N., Cavallaro, S., D'Amico, V., Fazio, G., Giardini, G., Mezzanera, F. On the $^{13}\text{D}_1$ ^6Li state at about 5.7 MeV excitation energy 1-50491
- Arenas, J.F., Marcos, J.I. Infrared and Raman spectra of phthalic, isophthalic and terephthalic acids 1-31155
- Arend, H. *see* Iqbal, Z. 1-3382
- Arend, H. *see* Plesko, S. 1-7324
- Arend, P.C. *see* Vander *see* Vander Arend, P.C.
- Arend, P. *see* Vander *see* Vander Arend, P.C.
- Arendarenko, A.A. *see* Ivanutina, L.A. 1-38315
- Arends, A.R., Hohenemser, C., Pleiter, F., De Waard, H., Chow, L., Suter, R.M. Data reduction methodology for perturbed angular correlation experiments 1-34960
- Arends, B. *see* Trapeniers, N.J. 1-25350

- Arends, J., Eyink, J., Hartmann, H., Hegerath, A., Mecking, B., Noldeke, G., Rost, H. Experimental study of the photoemission of protons off ^{12}C using tagged photons in the energy range 200-385 MeV 1-23642
- Arends, J., Eyink, J., Hegerath, A., Hilger, K.G., Mecking, B., Noldeke, G., Rost, H. Measurement of total photonuclear cross sections in the Δ -resonance region 1-41097
- Arends, J. *see* McKeown, R.D. 1-28499
- Arenhovel, H. Meson exchange and isobar current effects in nuclear photon scattering 1-5708
- Arenhovel, H. *see* Hajduk, C. 1-45415
- Arenhovel, H. *see* Tornow, V. 1-10340
- Arens, J.F. *see* Simon, M. 1-9338
- Arenson, J.S., Cobbold, R.S.C., Johnston, K.W. Dual-channel self-balancing impedance plethysmograph for vascular studies 1-44036
- Arenton, M.W. *see* Ambats, I. 1-1026
- Areshiev, I.P., Danishevskii, A.M., Kochegarov, S.F., Subashiev, V.K. Interference phenomena in dual-beam measurements of two-photon absorption in crystals 1-28075
- Areshiev, I.P., Guseinaliev, M.G., Danishevskii, A.M., Kochegarov, S.F., Subashiev, V.K. Investigation of nonlinear absorption of light in indium antimonide by the two-beam method 1-26158
- Areshiev, I.P., Guseinaliev, M.G., Danishevskii, A.M., Kochegarov, S.F., Subashiev, V.K. Double-beam linear dichroism investigation of the two-photon absorption in InSb 1-26165
- Areshiev, M.P. *see* Aver'yanov, V.I. 1-43325
- Areskoug, M. *see* Hytlen, G. 1-27923
- Arestov, Y. *see* Gensch, U. 1-595
- Arestov, Yu., Borovikov, A., Kozlovsky, E., Minaenko, A., Moiseev, A., Cochet, C., Denegri, D., Lewin, C., Turluer, M.A., Sixel, P., Gensch, U., Grabosch, H.J., Lohmann, W., Triantis, F.A., MacNaughton, J., Mandl, F. Inclusive production of strangeness $S = \pm 1$ vector and tensor resonances in K^+p interactions at 32 GeV/c 1-5668
- Arestov, Yu. *see* Denegri, D. 1-28356
- Arestov, Yu.I., Borovikov, A.A., Bryukhanova, T.M., Kozlovsky, E.A., Kruglov, A.M., Minaenko, A.A., Moiseev, A.M., Barloutaud, R., Cochet, C., Denegri, D., Lewin, C., Prevost, J., Turluer, M.L., Kellner, G., Morrison, D.R.O., Triantis, F.A., Gensch, U., Grabosch, H.J., Klabuhn, J., Sixel, P., Porth, P. Inclusive production of neutral kaons in K^+p interactions at 32 GeV/c 1-36892
- Argall, B. *see* Roberts, E. 1-33302
- Argan, P.E., Audit, G., de Botton, N., Faure, J.L., Martin, J., Schuhl, C., Tamas, G., Vincent, E. A search for dibaryonic resonances around 2.23 GeV 1-28331
- Argan, P.E., Audit, G., de Botton, N., Faure, J.L., Martin, J., Schuhl, C., Tamas, G., Vincent, E. Possible dibaryon resonance around 2.23 GeV/c² in $d(\gamma,p)X$ 1-33190
- Argemi, R. *see* Jainier, J.M. 1-3771
- Argentesi, F., Castilli, T., Franklin, M. Nuclear material statistical accountability system 1-10438
- Argentesi, F., Cuyper, M., Franklin, M. Near real time accountability and Euratom safeguards 1-14608
- Argiracopoulos, S., Serra, A. A microcomputer based automatic machine for reflector and head-lights testing 1-321
- Argibay, J. *see* Diaz, R. 1-22159
- Argon, A.S. Old materials - new materials [traditional materials vs. modern materials] 1-31321
- Argon, A.S., East, G.H. Forest dislocation intersections in stage I deformation of copper single crystals 1-12827
- Argon, A.S., Moffatt, W.C. Climb of extended edge dislocations 1-38367
- Argoud, M.J., Shumate, M.S., Walker, W.L., Zantesson, R.A. Detecting surface faults on solar mirrors 1-37579
- Argue, A.N., Sullivan, C. An astrometric test of the doublet prime-focus corrector on the Anglo-Australian telescope and the optical position of OR 103 1-40349
- Argue, A.N. *see* Sullivan, C. 1-27399
- Argyle, B.E., De Luca, J.C. Bubble automotion channels by laser annealing 1-52812
- Argyle, B.E. *see* Jantz, W. 1-7951
- Argyris, P., Kopelman, R. Correlated hopping model for singlet exciton transport in lightly doped naphthalene crystals 1-3450
- Argyris, J.H., Doltsinis, J.St. On the natural formulation and analysis of large deformation coupled thermomechanical problems 1-41951
- Argyris, J.H., Doltsinis, J.St., Knudson, W.C., Szimmat, J., William, K.J., Wustenberg, H. Eulerian and Lagrangian techniques for elastic and inelastic large deformation processes 1-24690
- Argyris, J.H., Doltsinis, J.St., Wustenberg, H. On the analysis of forming problems in natural formulation 1-1848
- Argyris, J.H., Dunne, P.C., Johnsen, T.L., Mlejnek, H.P. A new iterative solution for structures and continua with very stiff or rigid parts 1-9836
- Ari-Gur, J., Stavsky, Y. On rotating polar-orthotropic circular disks 1-17992
- Ari-Gur, P. *see* Brandon, D.G. 1-3767
- Ari-Gur, P. *see* Brat, Z. 1-21554
- Ariai, J., Smith, S.R.P. The Raman spectrum and analysis of phonon modes in sodalite 1-52944
- Arias, I., Quintanilla, M., Mar, S. A contribution to the holographic measurement of the MTF and the wavefront aberration 1-1673
- Aric, K., Gutdeutsch, R., Sailer, A. Computation of travel times and rays in a medium of two-dimensional velocity distribution 1-4457
- Arie, E. *see* Arcas, Ph. 1-37263
- Arie, E. *see* Maillard, J.P. 1-19090
- Arie, E. *see* Secroun, C. 1-45952
- Arie, M., Kiya, M., Koshikawa, K. An analysis of uniform shear flow past a porous plate attached to a plane surface 1-37888
- Arie, M., Kiya, M., Tamura, H., Mori, H. Vortex shedding from two circular cylinders in staggered arrangement 1-42058
- Arie, M. *see* Kiya, M. 1-33964, 1-37942
- Ariel, P.D. Effect of Hall current and finite Larmor radius on the stability of a plasma 1-34061
- Ariel, Y., Bogen, D.K., McMahon, T.A. Servo system for cardiac mechanics experiments 1-13374
- Arieli, A., Mukherjee, A.K. High-temperature diffusion-controlled creep behavior of the Zn-22% Al eutectoid alloy tested in torsion 1-8365
- Arieli, A., Mukherjee, A.K. On the relation between the strain rate sensitivity parameter and deformation mechanism in superplasticity 1-3854
- Arieli, A., Mukherjee, A.K. Factors affecting the ductility of the superplastic Ti-6Al-4V alloy 1-16855
- Arieli, A., Mukherjee, A.K. A model for the rate-controlling mechanism in superplasticity 1-21516
- Arieli, A., Mukherjee, A.K. Reply to observations on the differences reported in Region I for superplastic Zn-22% Al eutectoid 1-53245
- Arieli, A. *see* Rosen, A. 1-52221
- Arieli, R., Murphy, J.D. Pseudo-direct solution to the boundary-layer equations for separated flow 1-19760
- Ariessohn, P.C., Self, S.A., Eustis, R.H. Two-wavelength laser transmissometer for measurements of the mean size and concentration of coal ash droplets in combustion flows 1-19839
- Arifuku, F., Yoneyama, H., Tamura, H. Anodization of lead in sulphuric acid solutions containing antimony species 1-35543
- Ariga, T. *see* Shoji, Y. 1-16078, 1-34481
- Arii, M., Kawai, M., Nawai, T. Development of cobalt-free wear resistant alloy [BWR control rod pins and rollers] 1-23772
- Arijs, E., Nevejan, D., Ingels, J. Unambiguous mass determination of major stratospheric positive ions 1-32504
- Arikawa, K., Eguchi, E., Yoshida, A., Aoki, K. Multiple extraocular photoreceptive areas on genitalia of butterfly *Papilio xuthus* 1-32185
- Arima, A. Relation of the interacting boson model to the shell model 1-649
- Arima, A., Strotman, D. Magnetic dipole strength in ^{16}O 1-14491
- Arima, I., Watanabe, T. Study of audible noise and radio noise using corona pulse distribution characteristics 1-15325
- Arima, I., Watanabe, T. Study of V-shaped flashover voltage characteristics in needle to plane electrode geometry by a discharge model 1-15732
- Arima, S., Sugawa, M., Sugaya, R. Nonlinear amplitude oscillations of obliquely propagating Bernstein waves in a plasma 1-6944
- Arimitsu, T. Correction to the laser master equation 1-24385
- Arimitsu, T. *see* Shibata, F. 1-156
- Arimondo, E., Glorieux, P. Determination of the l-doubling constants in the ν_2 state of CH_3I by an infrared radiofrequency double resonance experiment 1-51233
- Arimondo, E., Inguscio, M., Moretti, A., Pellegrino, M., Strumia, F. Intracavity double resonance on optically pumped submillimeter lasers 1-10991
- Arimoto, M. A new equation for streaming current 1-11473
- Arimoto, N. Formation of the inhomogeneous zone in the convective core of the horizontal branch star 1-13763
- Arimoto, N. Theoretical analysis of luminosity drop in red giant branch evolution 1-54490
- Arimaga, S. *see* Saji, T. 1-26552
- Arinkin, A.V. *see* Palatnik, L.S. 1-8314
- Arishtein, A.E. Solution of the massless Thirring model with $\text{SU}(N)$ symmetry 1-50336
- Arishtein, A.E. Solution of the $\text{SU}(N)$ massless Thirring model 1-5489
- Arioka, M., Kokubo, T., Tashiro, M. Fabrication of oriented β -spodumene ceramics by unidirectional solidification of their melts 1-21403
- Aris, R. *see* Sundaresan, S. 1-29764
- Arisawa, K. *see* Saitoh, M. 1-47506
- Aristarkov, N.N. *see* Moiseev, L.I. 1-23867
- Aristov, A.V., Levin, M.B., Cherkasov, A.S. Effect of reabsorption on the power of stimulated emission of rhodamine-6 G solutions 1-29273
- Aristov, A.V., Maslyukov, Yu.S. Effect of absorption by excited organoluminescent molecules on the quantum yield of stimulated radiation 1-33496
- Aristov, A.V., Shevandin, V.S. Reasons for the similarity in the ultraviolet absorption spectra from the ground and fluorescent states of rhodamine molecules 1-1272
- Aristov, A.V., Shevandin, V.S. Spectroscopic evidence of reversible and irreversible transformations of rhodamine 6G molecules under two-stage optical excitation 1-41421
- Aristov, V.V. Prospects of X-ray holography 1-36783
- Aristov, V.V., Bashkina, G.A., Erko, A.I. Holography of microobjects in soft X-rays 1-6512
- Aristov, V.V., Kohn, V.G., Polovinkina, V.I. Role of entrance slit in the X-ray section topography of single crystals 1-34199
- Aristov, V.V., Polovinkina, V.I., Afanas'ev, A.M., Kohn, V.G. Pendellose fringes for X-ray spherical-wave diffraction in a perfect crystal 1-15751
- Aristov, V.Yu., Fradkov, V.E., Shvindlerman, L.S. Detachment of the migrating grain-boundary half-loop from an adsorbed impurity cloud 1-25317
- Arisue, H. *see* Abe, Y. 1-33178
- Arita, A., Hayashi, H. Stimulus-switching apparatus for the study of a nerve-muscle preparation 1-40028
- Arita, A., Hayashi, H. Peak-holder of high accuracy for the analysis of contraction of a nerve-muscle preparation 1-40029
- Arita, K. *see* Taoka, T. 1-35493
- Aritome, H. *see* Matsui, S. 1-1733, 1-43556
- Aritome, H. *see* Nishimura, T. 1-29408
- Aritomi, N., Gunji, K. Inclusions in iron ingots deoxidized with aluminum and solidified unidirectionally 1-39330
- Ariyaratna, S. *see* Tennakone, K. 1-38774
- Ariyaratne, T.R. *see* Al-Dargazelli, S.S. 1-18967
- Ariyasage, W.M. *see* Tennakone, K. 1-38774
- Arje, J., Valli, K. Helium-jet ion guide for an on-line isotope separator 1-45764
- Arjona, F., Leon, M., Elizalde, E., Rueda, F., Llabres, J. Preparation conditions and stoichiometry of cuprous sulphide films for application in solar cells 1-17205
- Arkadaksii, S.S., Kolotyryn, A.A., Tsykin, B.G. Instability of a relativistic electron beam above a metal surface 1-24350
- Arkad'eva, E.N., Matveev, O.A., Mel'nikova, E.V., Terent'ev, A.I. Electrical properties of chlorine-doped CdTe crystals excited with α particles and photons 1-30765
- Arkator, Yu.M., Vatsat, P.I., Voloshchuk, V.I., Gur'ev, V.N., Zolenko, V.A., Prokhorov, I.M. Determination of the contribution of electromagnetic transitions in $^4\text{He}(\gamma, pn)^2\text{H}$ reaction 1-33257
- Arkator, T.G. *see* Efimov, A.M. 1-43128
- Arkator, T.G. *see* Mikhailov, B.A. 1-43092
- Arkhangelskaya, V.A., Fedorov, A.A., Feofilov, P.P. Luminescence and stimulated emission of M^{2+} -color centers in fluorite type crystals 1-12541
- Arkhangelskaya, V.A., Feofilov, P.P. Tunable lasers utilizing color centers in ionic crystals 1-33694
- Arkhangelskaya, V.A., Reiterov, V.M., Trofimova, L.M. Impurity absorption of rare-earth fluoride crystals in the vacuum ultraviolet region 1-43143
- Arkhangelskaya, V.A., Val'kovskii, S.N., Vasil'ev, A.V., Nadgornyi, E.M., Ryskin, A.I., Shikhsaidov, M.Sh. Inhomogeneous broadening of the resonance lines of impurity centers and its relationship to lattice defects in plastically deformed ZnS and CaF_2 crystals 1-26248
- Arkhangelskii, E.P. Influence of convective acceleration in the Stokes equation on the pressure in a fluid 1-19724
- Arkharov, V.I. *see* Sutsnov, N.V. 1-30748
- Arkhipenko, A.N. *see* Volkov, V.F. 1-21806
- Arkhipov, R.G. Equation of state for nontranslational metals and metallic hydrogen 1-38498
- Arkhipov, R.G. *see* Kasumov, B.M. 1-25696
- Arkhipov, S.M., Malkin, B.Z. Structure and spectrum of tetragonal centers in a $\text{CaF}_2:\text{Ce}^{3+}$ crystal in an electric field 1-20662
- Arkhipov, V.E. *see* Karkin, A.E. 1-20915
- Arkhipov, V.N., Boichenko, V.A., Litvin, F.F. Link between induction of fluorescence of chlorophyll and photorelease of hydrogen in Chlorella 1-39896
- Arkhipov, V.N. *see* Artamonov, A.K. 1-29727
- Arkhipov, V.V., Parygin, V.V., Deev, V.I., Pridentsev, A.I. Investigation of boundary vapour contents with helium boiling in tubes 1-37772

- Arkhipov, V.V. see Belousova, I.M. 1-37460
- Arkhipova, V.I. Bel'chikov, Z.M., Vorobeichik, V.M., Podmoshenskaya, S.V., Fridman, M.G., Frolova, R.N. DFS-40—a forty-channel vacuum quantummeter 1-4139
- Arkhipova, V.P. see Afanasiev, V.L. 1-32754
- Arko, A.J. see Schirber, J.E. 1-47439
- Arko, A.J. see Sellmyer, D.J. 1-12018
- Arlievskii, A.G. Effect of central masking on the image glare in reflection microscopes 1-14178
- Arlinghaus, F.J. see Gay, J.G. 1-47726
- Arlinghaus, F.J. see Smith, J.R. 1-25784
- Arlit, R. see Alkhazov, I.D. 1-28507
- Arlt, G., Dederichs, H. Complex elastic, dielectric and piezoelectric constants by domain wall damping in ferroelectric ceramics 1-21149
- Arlt, G., Sasko, P. Domain configuration and equilibrium size of domains in BaTiO₃ ceramics 1-8022
- Arlt, U., Bass, R., Hartmann, V., Renfordt, R., Sapotta, K., Frobrich, P., Schafer, W. Elastic and inelastic scattering of ⁴⁰Ar from ²⁰⁸Pb at 236 MeV 1-5796
- Armaganian, A.A. see Frolov, A.M. 1-28771
- Armaganian, A.A. see Maishev, V.A. 1-25348
- Armand, G. Scattering of neutral particles by a two-dimensional exponential corrugated potential 1-23037
- Armand, N.A., Sekistov, V.N. Application of the nonlinear Dyson equation for the investigation of shortwave propagation in a Gaussian turbulent medium 1-37391
- Armantrout, G.A. see Partain, L.D. 1-13119
- Armbruster, P. see Hagmann, S. 1-19047
- Armbruster, P. see Kitahara, T. 1-23970
- Armbruster, P. see Munzenberg, G. 1-50695
- Armbruster, P. see Stoller, C. 1-6354
- Armenante, M., Brancaccio, A., Burattini, E., Santoro, V., Spinelli, N., Vanoli, F. Translational spectroscopy of N₂ 1-5432
- Armenskii, E.V., Arutyunov, P.A., Volkov, N.P. Topical problems of the theory of sensitivity of electronic and electromechanical devices and systems 1-18187
- Armenteros, R. see Aguilar-Benitez, M. 1-5646, 1-23517
- Armenteros, R. see Loverre, P.F. 1-18511, 1-18512
- Armenteros, R. see Mazzucato, M. 1-50462
- Armento, W.J., Brooksbank, R.E., Krichinsky, A.M. An operational facility-integrated computer system for safeguards 1-18871
- Armentrout, C.J. see La Hays, R.J. 1-6968
- Armichev, A.V., Aleinikov, V.S., Fogel'son, T.B. High-power transverse-discharge ultraviolet nitrogen laser without gas circulation 1-6576
- Armici, J.C. see Potel, M. 1-38357
- Armigliato, A., Celotti, G., Guerri, S., Martinielli, G., Ostaja, P., Rosa, R. Characterization of ceramic titanium oxides as antireflection coatings for silicon solar cells 1-17211
- Armijo, J.S. see Davies, J.H. 1-45609
- Armington, A. see Martin, J.J. 1-16098
- Armington, A.F. see Brown, R.N. 1-4100
- Armington, A.F. see Doherty, S.P. 1-2565
- Armington, A.F. see Halliburton, L.E. 1-15933
- Armitage, A.F., Woodruff, D.P., Johnson, P.D. Crystallographic incident beam effects in quantitative Auger electron spectroscopy 1-26317
- Armitage, B.H. see Trehan, P.N. 1-37082
- Armitage, D., Cox, R.J. Liquid crystal blue phase to isotropic transition and electric field response 1-25413
- Armitage, J.C.M. see Bartel, W. 1-45253
- Armitage, J.D., Grimm, M.A. Multilayer dielectric internal reflectance enhancement 1-51586
- Arms, J.M., Marsden, J.E., Moncrief, V. Symmetry and bifurcations of momentum mappings 1-40921
- Armstead, C. America studies new geothermal options 1-26814
- Armstrong, R.L. see Crittenden, E.C., Jr. 1-22454
- Armstrong, Best, Brodner, Cluskey, Costa, Donald, Edwards, D.N., Edwards, M., Evangelista, French, Ghidini, Gordon, Houlden, Hughes, Lewis, Mandell, Mattig, Miller, Mitaroff, Muller, Palano, Palazzi-Cerrina, Paul, Pensotti, Perini, Picciarelli, Pregernig, Ruhmer, Strub, Thompson, Turnbull, Woodworth, Zito K*(890) polarization measurements in the hypercharge exchange reaction $\pi^+p \rightarrow K^*(890)\Lambda^0$ at 10 GeV/c 1-10254
- Armstrong, A.A., Borie, R.D., Lanier, W.W. Residual solvent and its diffusion in acrylic films 1-52359
- Armstrong, B.H. Frequency-independent background internal friction in heterogeneous solids 1-9094
- Armstrong, B.H. Two-fluid theory of phonon scattering in dielectric crystals 1-15990
- Armstrong, B.H. Two-fluid theory of thermal conductivity of dielectric crystals 1-47311
- Armstrong, C.G., Bahrani, A.S., Gardner, D.L. Changes in the deformational behavior of human hip cartilage with age 1-22045
- Armstrong, D.R., Jamieson, J., Perkins, P.G. The electronic structure of polymers by FSGO (floating spherical Gaussian orbital) method 1-46185
- Armstrong, G., Gill, P.A.T. The torsional stiffness of prismatic beams of isosceles triangular cross section: a survey of methods for small included angles 1-24682
- Armstrong, G. see Greenberg, A.S. 1-20507
- Armstrong, J.E. see Clague, J.J. 1-17631
- Armstrong, J.P., Hanna, R.B., Kyanka, G.H. Cathodoluminescence microscopy of fracture surface morphology in wood-adhesive composite materials 1-21684
- Armstrong, J.W., Rickett, B.J. Power spectrum of small-scale density irregularities in the interstellar medium 1-44616
- Armstrong, L., Jr., Baker, H.C. An adiabatic and near-adiabatic model of multiphoton ionisation 1-24090
- Armstrong, P.B. see Lyons, W.B. 1-17583
- Armstrong, R. The detection of an ion beam using an electron saturated Langmuir probe 1-34117
- Armstrong, R.C., Gupta, S.K., Basaran, O. Conformational changes of macromolecules in transient elongational flow 1-46786
- Armstrong, R.J. see Pecseli, H.L. 1-38148
- Armstrong, R.L. see D'Iorio, M. 1-7964
- Armstrong, R.L. see Godwin, C.I. 1-32436
- Armstrong, R.S., Aroney, M.J., Higgs, B.S., Skamp, K.R. Molecular polarisability. Anisotropies of silicon containing groups 1-51308
- Armstrong, R.W. Effects of micro-cracking and intrinsic obstacle strength on the Hall-Petch relation for ultrafine grain size polycrystals 1-21551
- Armstrong, R.W., Boettinger, W.J., Kuriyama, M. Crystal subgrain misorientations observed by X-ray topography in reflection 1-2465
- Armstrong, R.W. see Johnson, S.M. 1-43779
- Armstrong, S. see Grinter, R. 1-41532
- Armstrong, T., Beusch, W., Burns, A., Bloodworth, I.J., Calligaris, E., Cecchet, G., Dolfini, R., Liguori, G., Mandelli, L., Mazzanti, M., Navach, F., Palano, A., Picciarelli, V., Perini, L., Pons, Y., Worsell, M.F., Zitoun, R. Using MBNII electronics for the trigger in a high-energy physics experiment 1-10606
- Armstrong, T. see Di Gennaro, V. 1-5660
- Armstrong, T.J. see Boydston, L.E. 1-17530
- Armstrong, T.P. see Hamilton, D.C. 1-17783
- Armstrong, T.P. see Lanzertotti, L.J. 1-17784
- Armstrong, T.W. Introduction to hadronic cascades 1-18529
- Armstrong, T.W. The HETC hadronic cascade code 1-18611
- Armstrong, T.W. The intranuclear-cascade-evaporation model 1-18630
- Armstrong-James, M. see Fox, K. 1-27036
- Armutdijlyd, D. see Abdrakmanov, E.O. 1-722
- Arnal, D., Juillen, J.-C. Experimental results concerning the influence of transition processes on the initial structure of a turbulent boundary layer 1-1944
- Arnal, F. see Ballardore, J.L. 1-15771
- Arnal, F. see Soum, G. 1-42267
- Arnau, B. see Amoureux, J.P. 1-43023
- Arnau, J. see Barthelemy, A. 1-37617
- Arnau, J.A. see Piasceki, J. 1-19433
- Arnau, J.L. see Fagot, H. 1-21680
- Arnau, R.D. see Novakov, E.P. 1-49158
- Arnault, C., Heusse, P., Barberis, P.L., Dosselli, U., Buckhardt, W., Montanet, F., Bassompierre, G., Coignet, G., Schneegans, M. A silica aerogel counter for large-acceptance hadron detection 1-23947
- Arnberg, L. see Wadsten, T. 1-11726
- Arnold, E. see Pruscheck, R. 1-48783
- Arnold, K. see Smolenskii, G.A. 1-8050
- Arnold, R. see Kindel, E. 1-2262
- Arnold, R. see Yarwood, J. 1-33463
- Arnedo, A., Couillet, P., Tresser, C. Occurrence of strange attractors in three-dimensional Volterra equations 1-9819
- Arnedo, A., Couillet, P., Tresser, C. A possible new mechanism for the onset of turbulence 1-36570
- Arneson, S.O., Rutkauskas, V.J., Simonson, D.P. FFTF support facilities 1-23768
- Arnett, D. see Abdel-Fattah, A.B. 1-32118
- Arnett, W.D. Nonuniform abundances in young supernova remnants 1-9612
- Arnold, D.A., Dobrowolny, M. Transmission line model of the interaction of a long metal wire with the ionosphere 1-32580
- Arnold, F. Ion-induced nucleation of atmospheric water vapor at the mesopause 1-9217
- Arnold, F., Fabian, R., Ferguson, E.E., Joos, W. Mass spectrometric measurements of fractional ion abundances in the stratosphere—negative ions 1-54199
- Arnold, F., Henschen, G., Ferguson, E.E. Mass spectrometric measurements of fractional ion abundances in the stratosphere—positive ions 1-54198
- Arnold, G., Berlec, F.J. V-notch laser as a transmitter of high-power pulses 1-19356
- Arnold, G., Welter, J.-M. Solubility and diffusivity of hydrogen and deuterium at low concentrations in Fe_{0.5}Ti_{0.5} 1-20390
- Arnold, G. see Lasser, R. 1-3533
- Arnold, G.B. Theory of thin proximity-effect sandwiches. II. Effects of s-wave elastic scattering 1-42922
- Arnold, G.B., Zasadzinski, J., Osmun, J.W., Wolf, E.L. Proximity electron tunneling spectroscopy. II. Effects of the induced N-metal pair potential on calculated S-metal properties 1-3108
- Arnold, G.B. see Wolf, E.L. 1-3112, 1-12239, 1-30887
- Arnold, G.P. see Wenzel, R.G. 1-46456
- Arnold, G.S., Fernando, R.P., Smith, I.W.M. Vibrational energy transfer between HCN and DCN and hydrogen and deuterium halides 1-6362
- Arnold, G.S. see Murphy, E.J. 1-37243
- Arnold, G.W., Peercy, P.S. Crystallization of ion-implanted LiO₂SiO₂ and SiO₂ glasses 1-30081
- Arnold, H. A unified treatment of thickness homogeneity problems in CVD. I. Hot-wall reactors 1-21360
- Arnold, H. A unified treatment of thickness homogeneity problems in CVD. II. Cold-wall reactors 1-21361
- Arnold, H.W., Cox, D.C., Hoffman, H.H., Leck, R.P. Measurements and prediction of the polarization-dependent properties of rain and ice depolarization 1-54232
- Arnold, H.W. see Cox, D.C. 1-4599
- Arnold, J.M. Rigorous evanescent wave theory for guided modes in graded index optical fibers 1-1702
- Arnold, J.M. Unified asymptotic theory of asymmetrical planar waveguides 1-37640
- Arnold, J.M. see Cohn, G.A.E. 1-11105
- Arnold, J.R. see Nishizumi, K. 1-40432
- Arnold, J.S. see Gose, E.E. 1-53899
- Arnold, K. The isotopic potential including the 2nd-order terms 1-40111
- Arnold, K.E. see Yarwood, J. 1-33463
- Arnold, K.G. see Orth, H. 1-10875
- Arnold, L.G., Clark, B.C., Mercer, R.L. Coulomb correction for ⁴⁰Ca from a relativistic optical model 1-36917
- Arnold, L.J. see Peachy, C.J. 1-46569
- Arnold, R. The influence of crystalline anisotropy on non-linear effects in microwave cubic ferrites 1-31033
- Arnold, R. see Grossmann, H.P. 1-39089
- Arnold, R.A., Casas, R.E., Figoski, J.W. Consideration for minicomputer applications to large optical design programs 1-46506
- Arnold, R.A. see Fogoski, J.W. 1-46219
- Arnold, R.G., Carlson, C.E., Gross, F. Polarization transfer in elastic electron scattering from nucleons and deuterons 1-41095
- Arnold, W., Black, J.L., Weiss, G. Spectral diffusion and ultrasonic attenuation in amorphous materials 1-15960
- Arnold, W. see Thomas, N. 1-16528, 1-30880
- Arnold, W. see Vacher, R. 1-20328
- Arnold, W. see Weiss, G. 1-15959, 1-30882
- Arnolds, D.E.A.T., Lopes Da Silva, F.H., Aitink, J.W., Kamp, A., Boeijsma, P. The spectral properties of hippocampal EEG related to behaviour in man 1-49138
- Arnoldussen, T.C. A model for electrochromic tungstic oxide microstructure and degradation [aqueous dissolution] 1-47239
- Arnoldy, R. see Hultqvist, B. 1-40286
- Arnoldy, R.L. see Moore, T.E. 1-22639
- Arnoldy, R.L. see Zanetti, L.J. 1-13644
- Arnone, C., Dancu, V., Riva-Sanseverino, S. Effect of laser light on the sticking coefficient in ZnS thin-film growth 1-33680
- Arnone, C. see Catalano, I.M. 1-46436
- Arnot, R.N. see Talbot, I.C. 1-26945
- Arnou, M. Particle trajectories in 1/r fields 1-27771
- Arnowitz, R. see Nath, P. 1-45149, 1-45155, 1-45228
- Arnstadt, H., Opfermann, J., Seliger, W., Horhold, H.-H. Investigations on polyarylenevinyls. XXIII. Spectral distribution of the electrophotographic sensitivity of sensitized polyethylene layers 1-5423
- Arodz, H., Zaleski, K. Remark on the Copenhagen vacuum 1-45101
- Aroo, K., Otis, C., Demaray, R.E., Johnson, P. Linewidths and high resolution structure of the benzene "B_{2u}"—A_{1g} two photon transition by multiphoton ionization-supersonic beam techniques 1-24132
- Aron, M. Continuous dependence results and a priori estimates in nonlinear micropolar elasticity 1-6759
- Aron, M. A nonexistence result in nonlinear hyperelastostatics 1-14015
- Arone, R. A statistical model for fatigue fracture under constant-amplitude cyclic loading 1-47159

- Aronow, M.J., McPherson, W.P., Pierens, R.K. Electric birefringences and solution-state conformations of molecules $C_6H_5SM(CH_3)_2$; $M=C, Si, Ge$ or Sn 1-24279
- Aronow, M.J. see Armstrong, R.S. 1-51308
- Aroais, A.S. see Abrosimova, G.E. 1-11690, 1-47008
- Aronov, A.G. see Al'tshuler, B.L. 1-52594
- Aronov, B.S. Electromechanical energy conversion in piezoceramic bars 1-19539
- Aronov, D.A., Knigin, P.I., Korolev, Yu.S. Limitation of photoelectric gain of photoresistors made from compensated semiconductors with deep centers 1-20818
- Aronova, A.M., Berezhkova, G.V. Strengthening of BaF₂ single crystals by oxidation 1-21458
- Aronowitz, S., Chang, S. Behavior of molecules on interstellar grains: application of the Langevin equation and iterative extended Huckel 1-49489
- Arons, R.M., Edstrom, C.M. Fabrication of corrosion-resistant tungsten shapes by plasma spraying and activated sintering 1-21644
- Aronson, A.E. see Dworkin, J.P. 1-49017
- Aronson, A.E. see Grabow, J.D. 1-4292, 1-4293
- Aronson, A.J., Chen, D., Class, W.H. Preparation of titanium nitride by a pulsed DC magnetron reactive deposition technique using the moving mode of deposition 1-16690
- Aronson, A.L. see Carew, J.F. 1-18789
- Aronson, J.R., Emslie, A.G. Absorption by particle edges and asperities 1-10927
- Aronson, J.R., Emslie, A.G. Effective optical constants of anisotropic materials 1-34998
- Aronson, M., Beckmann, P., Guerra, V., Schwamb, C., Sweeney, Lian Tan Proton spin-lattice relaxation in MBDP—the effects of superimposed intramolecular reorientations 1-37226
- Aronson, M., Horowitz, P. Spatially resolved X-ray energy analysis 1-51027
- Aronson, S., Klahr, J., Stemp, L. Chemical stability of complexes of iodine with 2,2-diphenyl-1-picrylhydrazyl and naphthalene 1-21759
- Arora, A.K. see Sood, A.K. 1-47187
- Arora, B.M. see Srivastava, A.K. 1-34796
- Arora, B.R., Padgaonkar, A.D. Time-variation of solar influence on tropospheric circulation 1-49345
- Arora, B.R. see Bhargava, B.N. 1-44359, 1-54308
- Arora, C.L. see Randhawa, H.S. 1-24130
- Arora, C.L. see Soni, K.R. 1-42180
- Arora, J.D. see Mathur, P.C. 1-32014
- Arora, J.S. see Govil, A.K. 1-37818
- Arora, R.M. Thin films of the solid electrolyte $Ag_{15}P_2O_7$. I. Preparation and characterization of films 1-8231
- Arora, M.R., Giani, E. Thin films of solid electrolyte $Ag_{15}P_2O_7$. II. Thin film electrolytic cells 1-4168
- Arora, S.K. Structural investigations of mode of action of drugs. III. Structure of rifamycin S iminomethyl ether 1-34340
- Arora, S.K., Allawadhi, K.L., Sood, B.S. Measurement of L_{III} subshell fluorescence yields in Pb, Th and U 1-37150
- Arora, S.K., Allawadhi, K.L., Sood, B.S. K-shell photoelectric cross-section measurements 1-51174
- Arora, V.K., Al-Mass'ari, M.A. On transverse magnetoconductivity in strict Born approximation 1-12132
- Arora, V.K., Spector, H.N. Quantum-light magnetoresistance: piezoelectric phonon scattering 1-12129
- Aroyan, A.A. see Agababayan, K.Sh. 1-46844
- Arp, H. Three new cases of galaxies with large discrepant redshifts 1-9642
- Arp, H. Analysis of quasars found in the CTIO Curtis Schmidt Survey in the -40° zone 1-9704
- Arp, H. High-redshift objects near the companion galaxies to NGC 2859 1-9711
- Arp, H., Hazard, C. Peculiar configurations of quasars in two adjacent areas of the sky 1-22917
- Arp, H.C. see Shao, C.-Y. 1-32643
- Arpigny, C. see Rusconi, L. 1-17839
- Arrawatia, M.L., Sisodia, M.L., Gupta, P.C., Kabra, S.C. Microwave absorption and relaxation processes for some substituted benzonitriles in benzene solutions at different temperatures 1-52890
- Arreola, J.I. see Lindholm, F.A. 1-8724
- Arriandaga, M.A. see Tello, M.J. 1-42533
- Arrieta, L.A. see Oliveira, L.F. 1-5926
- Arrighini, G.P., Biondi, F., Guidotti, C. A study of the inelastic scattering of fast electrons from molecular hydrogen 1-37333
- Arrighini, G.P., Biondi, F., Guidotti, C., Biagi, A., Marinelli, F. Inelastic scattering of fast electrons from molecular systems. I. Hydrogen molecule 1-15021
- Arrighini, G.P. see Guidotti, C. 1-1066
- Arrington, M. The use of acoustic emission instrumentation to monitor powder flows 1-35476
- Arrivallaga, A. Diaz see Diaz Arrivallaga, A.
- Arrizabalaga, Ph., Castan, P., Laurent, J.-P., Salessa, A. A mixed-valence complex of platinum and thiourea. Spectroscopic (^{195}Pt NMR, visible, ESCA) evidence 1-28994
- Arrowood, R., Mukherjee, A.K. Analytical design of the constant-stress cam lever [for creep testing] 1-12949
- Arrowood, R.M., Jr., Mukherjee, A.K. Mechanism of athermal yielding at medium temperatures 1-12833
- Arrowsmith, D.J., Clifford, A.W. The influence of copper on the electropolishing of stainless steel 1-21642
- Arrowsmith, P., Bartoszek, F.E., Bly, S.H.P., Carrington, T., Jr., Charters, P.E., Polanyi, J.C. Chemiluminescence during the course of a reactive encounter; $F+Na_2 \rightarrow FNaNa^{2+} + NaF + Na^+$ 1-35534
- Arruda Neto, J.D.T., Berman, B.L. Study of electrofission and hadron-induced fission decay of the giant quadrupole resonance of ^{238}U 1-23695
- Arruda-Neto, J.D.T., Berman, B.L., Herdade, S.B., Nascimento, I.C. Test of E2 virtual-photon spectra calculated in the distorted-wave Born approximation 1-5812
- Arruda-Neto, J.D.T., Herdade, S.B., Berman, B.L., Nascimento, I.C. E2 giant resonances and an M1 component in the photofission of ^{236}U 1-10396
- Arrutunyan, V.M. see Sarkisyan, A.G. 1-39655
- Arsenault, H.H., Gendron, C., Denis, M. Transformation of film-grain noise into signal-independent additive Gaussian noise 1-36749
- Arsene, J., Lenglet, M. The system $\text{LiO}_2\text{Ga}_{2.5-x}\text{C}_{x-1}\text{O}_4$ ($0 \leq x \leq 2$): correlation between crystalline structure, optical properties and vibration spectra 1-30125
- Arsenev, P.A., Bagdasarov, Kh.S., Kevorkov, A.M., Korolev, D.I., Potemkin, A.V., Fenin, V.V. Studies of spectroscopic properties of neodymium ion in single crystals of yttrium-lutetium mixed aluminates 1-26244
- Arsenev, P.A., Bagdasarov, Kh.S., Niklas, A., Ryazantsev, A.D. X-ray and thermally stimulated luminescence of $0.9 \text{ ZrO}_2 \cdot 0.1 \text{ Y}_2\text{O}_3$ single crystals 1-39142
- Arsen'ev, P.A. see Antonov, V.A. 1-16601
- Arsenijevic, J. see Kriz, S. 1-40529
- Arsenin, V.Ya., Galkin, A.L., Korobkin, V.V. Feasibility of determining the spatial distribution of the plasma ion temperature 1-34047
- Arsh, E.I., Florov, A.K., Leizerovich, A.G., Tverdstup, N.I., Khandetskii, V.V. Multiparameter measuring device using a self-excited oscillator 1-18209
- Arshutkin, L.N. Heating and cooling of dense interstellar clouds 1-49779
- Arstarkhov, A.I. see Fedorov, N.F. 1-34972
- Arslambekov, V.A., Safarov, A. Correlation between the electrophysical properties of the Si-SiO_2 system and the kinetics of oxide film growth on silicon 1-25807
- Arslanov, B.G. see Bokshitskii, M.N. 1-26689
- Arslanov, Kh.A. see Kocharov, G.E. 1-40206
- Arslanov, V.V., Cherezov, A.A., Chalykh, A.E., Ozarev, V.A. Effect of the relief of a solid surface on the spreading of polymers 1-7424
- Arson, A.G., Bortnik, I.M. Mobility of ions in SF_6 1-11625
- Artamonov, A.F. see Vereshchagin, I.P. 1-15705
- Artamonov, A.K., Arkhipov, V.N. Hypersonic flow of a rarefied gas over a sphere 1-29727
- Artamonov, A.S., Barkov, L.M., Baryshev, V.B., Bashitovoy, N.S., Vinokurov, N.A., Gluskin, E.S., Kornukhin, G.A., Kochubel, V.A., Kulipanov, G.N., Mezentsev, N.A., Pinduri, V.F., Skirinsky, A.N., Khorev, V.M. First results of the work with a superconducting 'snake' at the VEPP-3 storage ring 1-23893
- Artamonov, A.S., Vinokurov, N.A., Voblyi, P.D., Gluskin, E.S., Kornukhin, G.A., Kochubel, V.A., Kulipanov, G.N., Litvinenko, V.N., Mezentsev, N.A., Skirinsky, A.N. The first experiments with an optical klystron installed on the VEPP-3 storage ring 1-23894
- Artamonov, K.I., Meleshkov, Yu.S. Long-wavelength stability of the jet flows of a perfect fluid 1-19673
- Artamonov, K.I., Vorob'ev, A.P., Lomonosov, M.M. Influence of a magnetic field on the thermoacoustic stability of a high-temperature heat releasing gas 1-2087
- Artamonov, L.V., Grekhov, A.M., Roitsin, A.B., Khalif, I.B. Energy structure calculation for a cluster containing any number of atoms 1-25604
- Artamonov, O.M., Samarin, S.N., Yakovlev, I.I. Emission spectrum of Ag films on W (110) under excitation by slow electrons 1-35102
- Artamonov, S.A., Isakov, V.I. Quasiparticle model for odd-odd spherical nuclei 1-23575
- Artamonov, S.D. see Baryshev, V.P. 1-52366
- Artamonov, V.S. see Belanova, T.S. 1-23663
- Artamonov, V.V., Berezinskii, L.I., Valakh, M.Ya., Korneichuk, V.A. Nonequilibrium plasmon-phonon interaction in A_2B_6 semiconductors 1-52514
- Artamonova, G.D. see Tarasov, A.N. 1-8480
- Artamonova, K.P., Vinogradov, V.M., Grigor'ev, E.P., Zolotarev, A.V., Makarov, V.M., Sergeev, V.O. E0 transitions observed in the decay of ^{152m}Eu 1-661
- Artaz, M.-A., Andre, J.-C. Similarity studies of entrainment in convective mixed layers 1-13509
- Artemenko, S.N., Volkov, A.F. Commensurate charge density wave oscillations due to the action of a constant electric field; analogy with the Josephson effect 1-47512
- Artem'ev, A.Yu., Babeiko, Yu.A., Bakhtin, O.M., Borovich, B.L., Vasil'ev, L.A., Gerts, V.E., Nalegach, E.P., Ratnikov, G.E., Tatarintsev, L.V., Ul'yanov, A.N. Energy characteristics of a transverse-discharge copper vapor laser 1-46311
- Artem'ev, N.A., Babikova, Yu.F., Uspenskii, M.N. Investigation of the magnetic structure of hexagonal Y-type ferrites by nuclear gamma resonance 1-12264
- Artem'ev, S.V. see Akutin, M.S. 1-48612
- Artem'eva, Z.L., Moroz, E.M., Shorin, K.N., Yarov, A.S. Angular distribution of the intensity of synchrotron radiation when the magnetic field is varied at the beam-generation points 1-46204
- Artem'eva, Z.L., Moroz, E.M., Shorin, K.N., Yarov, A.S. Vertical-angular distribution of the intensity in the polarization components of synchrotron radiation generated under conditions of local variation of the magnetic field intensity 1-51357
- Artemov, K.P., Goldberg, V.Z., Rudakov, V.P., Petrov, I.P., Serikov, I.N., Timofeev, V.A. On possible observation of the parity-forbidden decay of the 3.56-MeV state in ^6Li ($\Delta T=1$) 1-45472
- Artemov, V.I., Sinkevich, O.A. Stability of the contracted state of a nonequilibrium plasma 1-15608
- Artemova, E.N. see Dushin, Yu.A. 1-31754
- Artemova, M.A. Standard samples of the magnetic properties of magnetically-hard ferrites 1-44874
- Arten'ev, B.V., Ivanovskii, M.N., Litvinova, L.A., Sviridenko, I.P. Conditions for reduced heat transfer following step-function heating of a wire in a large liquid nitrogen volume 1-15485
- Arthur, E.D. Parameter determination and application to nuclear model calculations of neutron-induced reactions on yttrium and zirconium isotopes 1-5778
- Arthur, E.D., Young, P.G. Calculation of neutron cross sections on iron up to 40 MeV 1-18654
- Arthur, M.D., Cercignani, C. Non-existence of a steady rarefied supersonic flow in a half-space 1-42072
- Arthur, M.D., Zweifel, P.F. Anisotropic plasma boundary value problem for longitudinal waves 1-6941
- Artnik, J., Hassmann, K., Peehs, M. The significance of concrete destruction during a hypothetical melt down accident for PWRs 1-5878
- Artobolevskaya, E.S. see Anfilov, I.V. 1-40887
- Artur, M.-C., Kaufman, V. Additions to the analysis of Al VI 1-1154
- Artur, M.-C. see Kaufman, V. 1-1155
- Artyshbashev, V.A., Volkov, A.A. Determination of optimum parameters for inversion collimated gamma-gamma probes 1-2727
- Artuso, M. see Albini, E. 1-23999
- Artukov, S., Maksudov, T.M. Investigation of tobacco drying process in tunnel-type solar dryers 1-17153
- Artukov, Z.A. see Antonov, V.A. 1-16601
- Artysh, S.G., Dunin, S.Z., Lovetskii, E.E. Energy dissipation in dilating and nondilating media 1-46780
- Artyukhina, L.L. see Konoplenko, V.P. 1-35334
- Artyushenko, V.G., Bochkarev, E.P., Voronina, S.A., Glavin, G.G., Golovanov, V.F., Darvid, T.L., Dianov, E.M., Kormilitsyn, D.V. Thallium halide crystals with low optical losses 1-51575
- Artzner, G. see Vial, J.C. 1-27458
- Artzner, G.E. see Jouchoux, A. 1-40448
- Arnachalam, S., Jacob, S., Rangarajan, G. A Transfer line for liquid nitrogen 1-44929
- Arnachalam, S. see Jacob, S. 1-8268
- Arnachalam, S. see Subramanyam, S.V. 1-5326
- Arnasalam, V. see Meservey, E.B. 1-24992
- Arnasalam, V. see Owens, D.K. 1-25073
- Arundel, P.A. see Gentle, C.R. 1-53931
- Arushanov, A.P. see Sechenov, D.A. 1-43550
- Arushanov, E.K. Crystal growth and characterization of Li_2V_2 compounds 1-53062
- Arushanov, E.K., Lashuk, A.V., Mashovets, D.V., Natepov, A.N., Radautsai, S.I., Sologub, V.V. Shubnikov-de Haas oscillations in cadmium phosphide 1-42675

- Arustamyan, G.V., Vartapetyan, G.A., Danagulyan, A.S., Khudayverdyan, A.G. Photodisintegration of ^{35}Ni and ^{64}Ni isotopes and a study of isotopic effect 1-18641
- Arutunian, N.Kh., Kolmanovskii, V.B. On the stability of nonuniformly aging viscoelastic rods 1-37817
- Arutunyan, V.M., Djotyan, G.P., Karmenyan, A.V., Meliksetyan, T.E., Sarkisyan, E.M. Thin-film narrowband tunable dye laser 1-46336
- Arutyunov, P.A. see Armenskii, E.V. 1-18187
- Arutyunyan, A.G., Atanesyan, V.G., Petrosyan, K.B., Pokhsaryan, K.M. Frequency multiplication of ultrashort light pulses in potassium pentaborate 1-33762
- Arutyunyan, A.S. see Adzhyan, G.S. 1-37320
- Arutyunyan, E.G., Kuranova, I.P., Tovbis, A.B., Grebenko, A.I., Voronova, A.A., Nekrasov, Yu.V., Vainshtein, B.K. X-ray structural investigation of leghemoglobin. VI. Determination of structure of complex of ferrihemoglobin with nicotinic acid at a resolution of 2.8 \AA 1-32094
- Arutyunyan, E.G. see Makhaldiani, V.V. 1-4246
- Arutyunyan, G.A., Krikorian, R.A., Nikogosyan, A.G. Interpretation of flares of red dwarfs by means of the inverse Compton effect 1-9522
- Arutyunyan, G.G., Papoyan, V.V., Sarkisyan, A.V., Chubaryan, E.V. Rotating superdense configurations with allowance for pionization of matter 1-9552
- Arutyunyan, G.M., Akopyan, D.G. The consideration of spatial inhomogeneity at the interaction of a strong electromagnetic wave with two-band semiconductor 1-7714
- Arutyunyan, G.M., Nerkaryan, Kh.V. Sub-barrier absorption in a stationary superlattice 1-39057
- Arutyunyan, N.Kh., Kolmanovskii, V.B. Optimization problem in creep theory for inhomogeneous beams subjected to aging 1-19593
- Arutyunyan, N.P. see Nikitin, S.A. 1-30978
- Arutyunyan, R.M., Zharkov, G.F. Induced current state in a hollow superconducting cylinder 1-42905
- Arvay, Z., Fenyes, T., Fule, K., Kibedi, T., Laszlo, S., Mate, Z., Morik, G., Novak, D., Tarkanyi, F. An on-line Si(Li) electron spectrometer with superconducting magnet transporters 1-23937
- Arvay, Z., Fenyes, T., Gulyas, J., Kibedi, T., Krasznahorkay, A., Laszlo, S., Novak, D. Multipolarities of some transitions in the $^{96}\text{Zr}(p,n\gamma)^{96}\text{Nb}$ reaction 1-28414
- Arvedson, M.M. see Kohl, D.A. 1-10840
- Arvia, A.J. see Bilmes, S.A. 1-21732
- Arvia, A.J. see Real, S.G. 1-17061
- Arvidson, R.E., Goettel, A., Hohenberg, C.M. A post-Viking view of Martian geologic evolution 1-36207
- Arvieux, J., Rinat, A.S. A phase-shift analysis of elastic pion-deuteron scattering 1-23680
- Arvieux, J. see Albanese, J.P. 1-23682
- Arvieux, J. see Bolger, J. 1-41008
- Arvieux, J. see Gabathuler, K. 1-23681
- Arwin, H., Lundström, I. The electrode adsorption method for measurement of enzymatic activity: its method of application 1-35926
- Arya, J.C. see Lardner, R.P. 1-33978
- Arya, N.S., Goyal, D.P., Mozumder, A., Sengupta, P.K., Singh, S. Maximum-rapidity-gap distribution at high energies 1-33205
- Arya, N.S. see Kumar, V. 1-33207
- Arya, V.K., Debnath, K.K., Bhatnagar, N.S. The spherical vessel with anisotropic creep properties considering large strains 1-24695
- Aryadi, S. see Rachmat, B. 1-42009
- Aryaeinejad, R., Firestone, R.B., Bentley, W.H., McHarris, Wm.C. γ -ray spectroscopy of excited states in ^{147}Eu 1-36925
- Aryaeinejad, S. see Hake, R.R. 1-7593
- Aryeh, Y. Ben see Aryeh, Y.
- Arzamasova, N.I. see Berlin, A.B. 1-17898
- Arzelies, P. Acoustic propagation in a two phase, liquid-gas bubble medium 1-24575
- Arzhannikov, A.V., Astrelin, V.T. Analyzing the energy spectrum of relativistic electrons on the basis of their absorption in aluminum 1-42424
- Arzhavint, V.M. see Sverdlov, V.Ya. 1-38877
- Arzhanov, J.S., Lazarus, D. Silver diffusion and isotopic effect in silver rubidium iodide 1-38590
- Arzoumanian, E., Fulachier, L., Cousteix, J., Aupoix, B. Three-dimensional turbulent boundary layer: reconstruction of an axisymmetric flow subjected to a discontinuity of the wall peripheral velocity 1-1942
- As, H. van see Van As, H.
- Asaad, A.S. Feasible explanations for the variation of zodiacal light brightness, as observed from ground bases and outer space 1-44495
- Asaba, K. see Tachi, S. 1-13349
- Asada, A. see Sampei, T. 1-6724
- Asada, H. Scattering of rare gas atoms from the (111) plane of silver 1-21311
- Asada, H., Masuda, M. On the coverage dependence of the surface diffusion constant 1-7472
- Asada, M. see Adams, A.R. 1-11004
- Asada, M. see Arai, S. 1-11021
- Asada, M. see Stubkjaer, K. 1-19333
- Asada, O., Inoue, A., Tsukishima, T. Homodyne method for detecting asymmetric spectra [plasma diagnosis] 1-11597
- Asada, O. see Tsukishima, T. 1-19969
- Asadov, Yu.G. see Atiev, F.Yu. 1-47397
- Asadullah, S.Md. see Sastry, B.A. 1-43001
- Asadullin, Ya.Ya. RF echo formation mechanism in powders 1-3346
- Asadullin, Ya.Ya. On the theory of radiofrequency echoes from metal powders in the normal and the superconducting state 1-3542
- Asaga, K. see Nishikawa, T. 1-20407
- Asahara, Y., Izumitani, T. The properties of gradient index antireflection layer on the phase separable glass 1-31211
- Asahara, Y. see Izumitani, T. 1-41760
- Asahi, K. see Huzimaru, R. 1-3505
- Asahi, N. Lamellar spacing measurements of unidirectionally solidified Al-CuAl₂ eutectic alloys 1-43329
- Asahi, Y., Hirota, N. EPR studies of the lowest excited triplet states of the halogen containing benzonitriles 1-38968
- Asahi, Y., Ishikawa, T., Miwa, T. Investigation of photographic emulsions for remote sensing by scanning electron microscope 1-33074
- Asahi, Y. see Hirano, M. 1-811
- Asahi, Y. see Miwa, T. 1-23370
- Asahina, H., Morita, A., Shindo, K. Electronic structure of black phosphorus 1-47449
- Asahina, T., Kosaka, M., Taoda, H. Studies on heat storage. V. Specific heat contents of molten alkali nitrates 1-8758
- Asahina, T., Kosaka, M., Taoda, H. Technical data. Size effect of heat storage unit. (Heat storage V) 1-8760
- Asahina, T. see Kosaka, M. 1-8761
- Asahina, T. see Taoda, H. 1-8759
- Asai, F., Sato, H., Sano, M. Kaon production in the nuclear fireball model 1-28494
- Asai, H. Proposal of a simple method of fluorescence correlation spectroscopy for measuring the direction and magnitude of a flow of fluorophores 1-22169
- Asai, H. see Fukui, K. 1-13224
- Asai, H. see Hishida, H. 1-23727
- Asai, K. see Rodgers, M.O. 1-13584
- Asai, K. see Suzuki, T. 1-17520
- Asai, M. see Nishioka, M. 1-42019
- Asai, S. see Hikita, H. 1-11443
- Asai, S. see Matsumoto, H. 1-12191
- Asai, T., Kawai, S. NMR study on an Li⁺-ion diffusion in the solid solution Li_{1-x}(PO₄)(SiO₄)_x with the Li₄SiO₄-type structure 1-38988
- Asaji, K. see Masuda, M. 1-48926
- Asaji, K. see Shimoto, T. 1-48928
- Asaka, O., Yoshioka, K., Inoue, A., Tsukishima, T. Observations of dynamic behavior of a linear turbulent-heated plasma using microwave scattering 1-42183
- Asakura, T., Ando, I. NMR study of egg yolk lecithin in aromatic solvents. Magnetic nonequivalence in the methylene protons of the fatty acyl chains 1-45993
- Asakura, T. see Ando, I. 1-51119
- Asakura, T. see Miyajima, K. 1-19419, 1-46590
- Asakura, T. see Nagashima, K. 1-1162
- Asakura, T. see Nakagawa, K. 1-41580
- Asakura, T. see Tomita, Y. 1-6461, 1-6465, 1-6504
- Asakura, T. see Uozumi, J. 1-10919, 1-10922
- Asakura, T. see Ushizaka, T. 1-46825
- Asakura, Y., Tsuchiya, H., Yusa, H., Matsuda, S. A new method for hydrogen isotope exchange reaction in a hydrophobic catalyst bed 1-5855
- Asami, K., Komine, A. Fractography and fracture mechanics. IX. Fractography of high strength materials 1-35462
- Asami, K., Naka, M., Hashimoto, K., Masumoto, T. Effect of molybdenum on the anodic behavior of amorphous Fe-Cr-Mo-B alloys in hydrochloric acid 1-21628
- Asami, K. see Naka, M. 1-35425
- Asano, K., Suda, Y., Komatsu, M., Ebina, A., Takahashi, T. Electronic structure of a vacuum cleaved ZnTe (110) surface studied by electron spectroscopy 1-26225
- Asano, K. see Ebina, A. 1-7687, 1-16925
- Asano, M. Microcirculation and substance exchange through it—methods and basic informations. I. Microcirculatory structure and flow—their vital-microscopic out-lines 1-8890
- Asano, M. see Kimura, H. 1-13032
- Asano, M. see Makino, T. 1-48537
- Asano, N. Finite element method for shearing deformation 1-33905
- Asano, N. A zooming method for dynamic contact stress analysis by finite element method 1-46714
- Asano, S., Den, N., Hotta, H., Yoshii, T., Ichinose, Y., Sakajiri, N., Sasatani, T. Seismic refraction and reflection measurements around Hokkaido. II. Crustal structure of the continental slope off Hidaka 1-4474
- Asano, S., Oguri, K. Effect of dissolved hydrogen on the plastic deformation of Fe-Cr alloys 1-31535
- Asano, S., Yamaguchi, K. Influence of electrolytic hydrogen charging on the flow stress of austenitic stainless steel—size effect 1-31540
- Asano, S., Yamashita, N. Luminescence of Sb³⁺ centers in MgS phosphors 1-39138
- Asano, S. see Ishida, M. 1-4451
- Asano, S. see Ishida, Y. 1-25618
- Asano, S. see Kaneda, Y. 1-4453
- Asano, T., Hemment, P.L.F. Carrier compensation in O⁺ implanted n-type GaAs 1-7638
- Asano, Y., Miyajima, M., Nagashima, Y., Ogawa, K., Tsuru, T., Doke, T., Fujita, Y., Hoshi, Y., Kaga, T., Masuda, K., Murakami, H. Test of iron-liquid argon and lead-liquid argon sampling calorimeters for detection of electromagnetic showers 1-1022
- Asano, Y., Takahashi, K. On-line data handling in experimental particle physics 1-24007
- Asanov, G.S. Clebsch representations and energy-momentum of the classical electromagnetic and gravitational fields 1-18052
- Asanov, G.S. Finslerian relativity theory 1-40686
- Asanov, G.S. Finslerian relativity theory. II 1-50009
- Asare, R.P. see Bhushan, S. 1-8263, 1-52996
- Asaro, F. see Alvarez, L.W. 1-9157
- Asaro, R.J. see Chang, Y.W. 1-25294
- Asatiani, T.L., Ter-Antonyan, S.V. Investigation of horizontal cosmic-ray flux muons by means of a spark chamber calorimeter at the 'Aragats' station 1-40294
- Asatryan, G.M., Matinyan, S.G. Mass of the t quark in the SO(10) symmetry scheme 1-5557
- Asatryan, H.R., Petrosian, A.G., Sharoyan, E.G., Wojcik, M., Zbieranowski, W.T. ESR and NMR study of mixed yttrium-lutetium-aluminum garnets 1-26030
- Asaturyan, A.Sh. see Gorovoi, V.A. 1-21377
- Asawa, M. Stress corrosion cracking of 304 stainless steel in H₂SO₄-NaF aqueous solution 1-31740
- Asawo, H. see Ouwa, Y. 1-42079
- Asay, J.R., Chhabildas, L.C. Some new developments in shock wave research 1-39583
- Asay, J.R., Chhabildas, L.C., Dandekar, D.P. Shear strength of shock-loaded polycrystalline tungsten 1-7257
- Asayama, K. see Matsumura, M. 1-34953
- Asayama, Y. The effect of aging on notch toughness of 18%Ni maraging steels containing Ti 1-8420
- Asbridge, J.R. see Paschmann, G. 1-9329
- Asbrink, L., Fridh, C., Lindholm, E., de Bruijn, S., Chong, D.P. HAM/4, an improved semiempirical MO method, based upon Slater's shielding concept 1-10655
- Asbrink, L., Von Niessen, W. 30.4-nm He(II) photoelectron spectra of organic molecules. II. Aza-compounds (C, H, N) 1-6318
- Asbrink, L. see von Niessen, W. 1-14960
- Asbury, D.L. see Moores, B.M. 1-8999
- Asbury, D.M. see Batty, C.J. 1-51322
- Asbury, F.E., Willoughby, G. Aging and creep behaviour of 15% Cr-15% Ni-Mo-Ti-B steel 1-16846
- Ascarei, A. The transient behaviour of the dynamic vibration absorber for linear frequency rise 1-46693
- Ascenso, J., Gil, V.M.S. The conformations of tartaric acids in aqueous solution studied by ¹H and ¹³C nuclear magnetic resonance 1-10753
- Asche, M., Sarbei, O.G. Electron-phonon interaction in n-Si 1-42493
- Ascheron, C. see Bruhl, H.-G. 1-20276
- Aschl, H. Mechanical properties of mass-concrete at elevated temperatures 1-43468
- Aschman, D. see Partridge, R. 1-10207, 1-18483
- Ascoli, C., Barbi, M., Frediani, C., Petracchi, D., Ristori, T. Quasi-elastic light scattering for studying the motion of flagellated microorganisms 1-4398
- Asdente, M., Ricca, A.M. AC losses in Nb₃Al-Nb layered multifilamentary wires 1-50160
- Asenbaum, A., Hocheimer, H.D. Brillouin scattering from liquid CCl₄ at high pressures 1-39110
- Asenjo, E., Bohme, D., Steinert, K.-G. Observations of minor planets at Dresden Lohrmann Observatory 1-27411
- Asenov, S., Ruskov, T., Tomov, T., Spirov, I. Angular dependence of diffusional broadening of the Mossbauer line in a ⁵⁷Co-copper single crystal 1-16512
- Asgekar, V.B., Bhalla, R.K., Raye, B.S., Bhiday, M.R., Bhorkar, V.N. Single-cavity 8 MeV race-track microtron 1-28758
- Asghar, M., Bondar, L. Passive γ -ray monitoring of plutonium contaminated waste 1-50990
- Asghar, M. see Cautico, F. 1-23700
- Asghar Hussain, S., Srivastava, R.K., Bhatnagar, C.S. Dielectric investigations in magneto-electric state of polypropylene 1-21114
- Asgharian, A. see Wolfram, T. 1-45927
- Ash, E.A. see Durr, W. 1-6729
- Ash, E.A. see Sinclair, D.A. 1-21652

- Ash, G.S. Creating the vacuum 1-33839
- Ash, G.S., Allen, T.H. Optical properties of tellurium films used for data recording 1-46475
- Ashbee, K.H.G. *see* Farrar, N.R. 1-43566
- Ashbrook, J. Visual double stars for the amateur 1-40533
- Ashby, M.F., Bahk, S., Bevk, J., Turnbull, D. The influence of a dispersion of particles on the sintering of metal powders and wires 1-3664
- Ashby, M.F., Tomkins, B. Micromechanisms of fracture and elevated temperature fracture mechanics 1-31663
- Ashby, M.F. *see* Brown, A.M. 1-43451
- Ashby, M.F. *see* Fields, R.J. 1-3919
- Ashby, M.F. *see* Frost, H.J. 1-15905
- Ashby, M.F. *see* Swinkels, F.B. 1-39261
- Ashby, R.A., Johnson, C.W. The vibrational numbering and improved constants of the $A^3\Pi_u$ state of I_2 1-37218
- Ashcheulov, A.A. *see* Mel'nichuk, I.V. 1-38434
- Ashcroft, F.M. *see* Stanfield, P.R. 1-43859
- Ashcroft, N.W. Dense phases of hydrogen 1-11956
- Ashcroft, N.W. *see* Chakravarty, S. 1-38497
- Ashcroft, N.W. *see* Cheung, J. 1-52516
- Asher, J., Conlon, T.W. Double-layer activation for the detection of non-uniform wear of corrosion 1-39702
- Asher, J., Conlon, T.W., Shea, J.H., Parker, D.J. Indirect recoil implantation of ^{10}Be for the activation of plastics 1-25311
- Asher, J.A., Bast, J.A., Mazandarany, F.N. Advanced battery development at General Electric 1-53580
- Asher, J.M., Hampson, N.A., Holmes, G.S. Modelling of lead-acid batteries. I. Parameters for the macrohomogeneous model 1-39761
- Asher, M., Hampson, N.A., Kelly, S., Holmes, G.S. The discharge (reduction) of porous lead dioxide in sulphuric acid 1-17192
- Asherova, R.M., Smirnov, Y.F., Tolstoy, V.N., Shustov, A.P. Algebraic approach to the projected deformed oscillator model 1-50552
- Ashery, D. *see* Navon, I. 1-5801
- Ashford, M.N.R., Fullstone, M.A., Hancock, G., Ketley, G.W. Singlet methylene kinetics: direct measurements of removal rates of δ^1A_1 and $\delta^1B_1CH_2$ and CD_2 1-51264
- Ashford, M.N.R., Quinton, A.M., Simons, J.P. Energy disposal in the vacuum ultraviolet photo-dissociation of CS_2 and CSe_2 1-24113
- Ashford, M.N.R., Quinton, A.M., Simons, J.P. Energy transfer from state-selected photofragments. Electronic quenching of $CS(A^1\Pi_{u-0.5})$ 1-24230
- Ashford, D.M., Larrouceau, G.C.J. Project Spacecab - a minimum cost orbital taxi 1-54346
- Ashida, S. *see* Takeuchi, H. 1-3334
- Ashimbayeva, B.Yu. *see* Zashkvara, V.V. 1-24340
- Ashirov, R.R., Kolomeets, E.V., Stekol'nikov, N.V. Determination of size of modulation region, diffusion coefficient, and particle density gradients on the basis of numerical solution of the propagation equation for galactic cosmic rays 1-36126
- Ashitkov, S.I., Kolesnikov, V.S., Pirogov, Yu.A. Optimal conditions for efficient second-harmonic generation in a slightly nonlinear acoustic resonator 1-19490
- Ashizawa, Y. *see* Ueda, K. 1-46066
- Ashkinadze, D.A. *see* Kugeiko, M.M. 1-40192
- Ashkal'yev, Ya.F. Behavior of the lower ionosphere during solar flares 1-22603
- Ashkalunin, A.L. *see* Antipenko, B.M. 1-6560
- Ashkenazi, J., Dacorogna, M., Allen, P.B. Test of a simple relation between gap anisotropy and mass enhancement anisotropy 1-38888
- Ashkenazi, J., Vincent, M.G., Yvon, K., Honig, J.M. Electron density studies of Ti_2O_3 and V_2O_5 : experiment and theory 1-52484
- Ashkin, A., Dziedzic, J.M. Observation of light scattering from oriented non-spherical particles using optical levitation 1-6456
- Ashkin, A. *see* Chylek, P. 1-6481
- Ashkin, M. *see* Fredricksen, H.P. 1-52704
- Ashkin, M. *see* Gavaler, J.R. 1-52725
- Ashkinazi, G.A., Botnaryuk, V.M., Zhilyaev, Yu.V., Kuz'michev, Yu.S., Morozov, E.P., Chashchin, A.V., Chelnokov, V.E. Injected-carrier distribution in the base of GaAs diodes fabricated by gas-phase epitaxy 1-34786
- Ashkinazi, G.A., Togatov, V.V. Switching of a p-n-p-n structure with variable-gap bases 1-25797
- Ashkinazi, L.A. Breakdown of an oxide cathode 1-26126
- Ashley, J.C. Inelastic interactions of low-energy electrons with organic solids: simple formulae for mean free paths and stopping powers 1-35136
- Ashley, J.C., Williams, M.W. Electron mean free paths in solid organic insulators 1-20292
- Ashley, J.C. *see* Painter, L.R. 1-3519
- Ashmarin, G.D. *see* Gerasimov, V.V. 1-39483
- Ashmore, J.F., Copenhagen, D.R. Different postsynaptic events in two types of retinal bipolar cell 1-17389
- Ashmore, J.F., Falk, G. Photon-like signals following weak rhodopsin bleaches 1-43875
- Ashmore, J.P., Grogan, D. Dose statistics for nuclear fuel cycle workers in Canada 1-32253
- Ashmore, J.P. *see* Grogan, D. 1-6083
- Ashok, J., Vasantha, D. Variable frequency interference filter 1-29374
- Ashok, S. *see* Kar, S. 1-43787
- Ashok Goyal *see* Biswas, S.N. 1-33182
- Ashour-Abdalla, M., Leboeuf, J.N., Dawson, J.M., Kennel, C.F. A simulation study of cold electron heating by loss cone instabilities 1-36107
- Ashrit, P.V., Angadi, M.A. The temperature coefficient of resistance of thin yttrium films 1-20881
- Ashrit, P.V., Angadi, M.A. Electrical properties of thin yttrium films 1-47764
- Ashrit, P.V., Shivaprasad, S.M., Angadi, M.A. Electrical resistivity of thin yttrium films 1-12211
- Ashrit, P.V. *see* Shivaprasad, S.M. 1-2935
- Ashrit, P.V. *see* Udachan, L.A. 1-2936
- Ashstekar, A. Asymptotic structure of the gravitational field at spatial infinity 1-18100
- Ashstekar, A. Asymptotic quantization of the gravitational field 1-44831
- Ashstekar, A., Magnon-Ashstekar, A. A curiosity concerning the role of coherent states in quantum field theory 1-439
- Ashton, D.H. *see* Traiforos, S.A. 1-50742
- Ashton, J.E.U., Gibb, R.M., Eales, B.A. New generation semiconductor CW laser packages with full hermeticity, integral power monitoring and direct fibre optic launching 1-41744
- Ashton, R.A., Opatowsky, L.B., Tough, J.T. Turbulence in pure superfluid flow 1-47319
- Ashton, W. *see* Robinson, J.Y. 1-17267
- Ashurly, Z.I., Vas'kovskii, Yu.M., Gordeeva, I.A., Malyshev, L.V., Rovinski, R.E., Kholodilov, A.A. Pulsed electric-discharge CO_2 laser for use in research 1-33712
- Ashurst, W.T. *see* Hoover, W.G. 1-2669
- Ashutosh Mishra, S.S. *see* Khare, P. 1-31038
- Ashwini Kumar, P.K. High transition temperature superconductivity in thin film 1-52684
- Ashwini Kumar, P.K., Duggal, V.P. Excess electrical conductivity in thin superconducting lead films due to order parameter fluctuations 1-52706
- Ashworth, H.A., Augustine, R.L. Microcomputer-based gas chromatograph with IEEE 488 interface 1-53517
- Ashworth, J.R. Fine structure in H-group chondrites 1-36229
- Ashworth, J.R. Deformation mechanisms in mildly shocked chondritic diopside 1-40438
- Ashworth, J.R. *see* Hutchison, R. 1-9439
- Ashworth, V., Procter, R.P.M., Grant, W.A. The effect of ion implantation on aqueous corrosion [of metals and alloys] 1-21649
- Ashworth, W.B., Jr. Halley's discovery of NGC 6231 and the hazards of early star nomenclature 1-36484
- Asimakopoulou, D.N., Lalas, D.P., Helmis, C.G., Caroubalos, C.A. An atmospheric turbulence probe 1-9282
- Asimakopoulou, D.N. *see* Caghey, S.J. 1-17706
- Asimakopoulou, D.N. *see* Cole, R.S. 1-17705
- Asimovsky, E.I., Afanasiev, A.A., Pakhomov, E.P., Roddatis, V.K. Application of screw quenching arc in high-voltage electromagnetic switchgear 1-15698
- Askani, J. *see* Mukherjee, A. 1-17451
- Askar, A. *see* Barg, G.-D. 1-31835
- Askari, M. *see* Abdi, S. 1-51116
- Askar'yan, G.A., Manzoni, B.M. Disappearing mirrors 1-37586
- Askar'yan, G.A., Mukhamadzhonov, M.A. Non-linear de-focusing of a focused beam: thin beam from a focus 1-41794
- Askar'yan, G.A., Tarasova, N.M. Ablative acceleration of particles and plasma production in laser bombardment of a powder cloud 1-51970
- Askenazy, S. *see* Ousset, J.C. 1-30696
- Askenazy, S. *see* Perrier, P. 1-47456
- Askew, L.J. *see* Chao, E.Y. 1-49149
- Askovic, R. *see* Jovanovic, J. 1-37868
- Aslam Baig, M., Connerade, J.P. Rydberg states of the GeO molecule 1-10749
- Aslan, Z. On the space distribution of semi-regular variables 1-17852
- Aslanoglou, X. *see* Poccian, D. 1-41127
- Aslanov, L.A., Sotman, S.S., Rybakov, V.B., Andrianov, V.I., Safina, Z.S., Korotev, M.P., Elepina, L.T., Nifant'ev, E.E. Structures of the molecules of the hydrogen phosphites of 2-O-methylxylitan and 2-O-methyl-3,5-methylenexylitan in crystals 1-29137
- Aslanov, L.A. *see* Treushnikov, E.N. 1-2423
- Aslanov, P.V., Maksyutenko, S.N., Povkh, I.L., Simonenko, A.P., Stupin, A.B. Turbulent flows of solutions of surface-active substances 1-34021
- Aslanov, V.S. Determination of the amplitude of three-dimensional oscillations of a ballistic vehicle with a small asymmetry during atmospheric entry 1-54342
- Aslanyan, T.A., Levanyuk, A.P. Possibility of formation of an incommensurate superstructure due to fluctuation effects 1-52290
- Aslin, H., Hartline, R. 80 kV, 100 A modulator/regulator controls 1-33352
- Asmaev, M.P., Levchenko, V.I. Measuring cell for investigating the electrophysical properties of liquids 1-18251
- Asmundis, C. *see* De Asmundis, C.
- Asmusen, K.E. *see* Allen, D.T. 1-41220
- Asmuth, G.G., Innes, K.K., Job, V.A. Dimethyl-sulphate vapor: visible absorption, laser-excited fluorescence, and photophysics 1-24118
- Asnin, V.M., Bakun, A.A., Danishevskii, A.M., Galetskaya, A.D., Ivchenko, E.L., Pikus, G.E., Rogachev, A.A. Photocurrent induced by optical orientation of free carriers in optically active crystals 1-47704
- Aso, K. *see* Ito, S. 1-16468
- Asomoza, R., Bieri, J.B., Fert, A., Boucher, B., Ousset, J.C. Hall effect in silver-rare earth amorphous alloys 1-30722
- Asomoza, R. *see* Fert, A. 1-20708
- Asomoza, R. *see* Ousset, J.C. 1-30696
- Asonen, H. *see* Pessa, M. 1-43242
- Asorey, M. Some remarks on the classical vacuum structure of gauge field theories 1-50307
- Asou, M. *see* Shibata, F. 1-9863
- Asous, W. *see* Herman, B.M. 1-49384
- Asp, L.W. On equivalent square fields [radiotherapy dosimetry] 1-22133
- Aspden, H. The inverse-square law of force and its spatial energy distribution 1-18088
- Aspell, A.C. *see* Aggett, J. 1-13191
- Aspen, F., Goldman, A.M. Pair-field susceptibility of proximity-effect sandwiches 1-7787
- Aspin, C., Simmons, J.F.L., Brown, J.C. Polarimetric accuracy required for the determination of binary inclinations 1-36339
- Aspin, C. *see* Simmons, J.F.L. 1-27550
- Aspinal, W.P. *see* Shepherd, J.B. 1-17564
- Aspinwall, D.M., Karr, T.J. Improved figure control with edge application of forces and moments 1-46495
- Aspnes, D.E. Approximate solution of ellipsometric equations for optically biaxial crystals 1-15071
- Aspnes, D.E. Dielectric function and surface microroughness measurements of InSb by spectroscopic ellipsometry 1-16241
- Aspnes, D.E. Interface ellipsometry: an overview 1-33037
- Aspnes, D.E., Kelso, S.M., Olson, C.G., Lynch, D.W., Finn, D. Final-state interactions in core excitations of III-V semiconductors [photoelectron spectra] 1-48219
- Aspnes, D.E., Phillips, J.C., Tai, K.L., Bridenbaugh, P.M. Optical spectra electronic structure of crystalline and glassy $Ge(SiSe)_2$ 1-48115
- Aspnes, D.E. *see* Bagley, B.G. 1-3353, 1-48178
- Aspnes, D.E. *see* Kelso, S.M. 1-3430
- Aspnes, D.E. *see* Mattausch, H.J. 1-48024
- Asrieva, V.D. *see* Zaslavskii, R.N. 1-31674
- Assaad, R. *see* Self, S.A. 1-24866
- Assael, M.J., Wakeham, W.A. The thermal conductivity of mixtures of hydrogen with the monatomic gases 1-19853
- Assael, M.J., Wakeham, W.A., Kestin, J. Higher-order approximation to the thermal conductivity of monoatomic gas mixtures 1-29825
- Assche, P.H.M. Van *see* Van Assche, P.H.M.
- Asscher, M. *see* Roellig, M.P. 1-37278
- Asseo, E., Lobet, X., Schmidt, G. Instability of large-amplitude electromagnetic waves in plasmas 1-2190
- Asseo, E., Pellat, R., Rosado, M. Pulsar radio emission from beam plasma instability 1-9545
- Assink, R.A. Abrasion resistant polymer reflectors for solar applications 1-13098
- Assis Neto, V.F. *see* de Assis Neto, V.F.
- Assmann, H., Stehle, H. Oxide fuel for light water reactors - a standardized industrial product 1-14638
- Assmann, H. *see* Dorr, W. 1-14639
- Assmann, J., Monch, W. Optical properties of dangling-bond states at cleaved silicon surfaces 1-7668
- Assmus, W. *see* Hoenig, H.E. 1-20683
- Assmus, W. *see* Takke, R. 1-20433
- Assous, R. *see* Orlikowski, J.P. 1-11609
- Ast, D.G. *see* Carter, C.B. 1-52151
- Ast, T. *see* Rabrenovic, M. 1-50262
- Astabayyan, R.A., Grigoryan, K.R., Lorkyan, M.P., Markaryan, K.Zh. Detector of transition radiation 1-51040
- Asta'ev, V.B., Malyshev, D.D., Shibaev, B.F., Khaikin, R.A. Wetting and impregnation of porous metal diaphragms 1-20516
- Asta'ev, V.I. Growth of cracks with creep, taking account of the plastic zone near the tip of a crack 1-41983
- Astafurov, V.G. Accuracy of measuring the atmospheric temperature using Raman-scattered laser radiation 1-49431
- Astafurov, V.G., Glazov, G.N. Inclusion of spatial coherence of radiation in photocounting statistics 1-6529
- Astanin, V.V. *see* Stepanov, G.V. 1-31806
- Astashkin, Yu.S. *see* Tokmakov, V.S. 1-15558

- Astavin, V.S.**, Korolev, I.O., Ryazantsev, Yu.S. Heat flow in a channel with discontinuity of the temperature on the wall 1-19809
- Astbury, A.** see Watts, S.J. 1-5648, 1-23518
- Asthana, S.B.L.** see Mohanty, A.K. 1-11463
- Astier, A.** see Martin, J.L. 1-9067
- Astier, R.** see Martin, J.L. 1-35753
- Astier, R.** see Migus, A. 1-51478
- Astier, R.** see Mysyrowicz, A. 1-52966
- Astill, K.N.**, Leong, H., Martorana, R. A numerical solution for natural convection in concentric spherical annuli 1-6864
- Astle, L.G.**, D'Andrea, J.A. 1-4326
- Astles, M.G.**, Young, M.L. Liquid phase epitaxial growth and assessment of $Pb_{1-x}Sn_xTe$ alloys 1-47404
- Astley, R.J.**, Eversman, W. Acoustic transmission in non-uniform ducts with mean flow. II. The finite element method 1-51653
- Astley, R.J.** see Eversman, W. 1-51652
- Aston, D.**, Atkinson, M., Bailey, R., Ball, A.H., Bouquet, B., Brookes, G.R., Broring, J., Bussey, P.J., Clarke, D., Clegg, A.B., d'Almagne, B., De Rosny, G., Diekmann, B., Draper, M., Drevillon, B., Duerdodt, I.P., Dufey, J.-P., Ellison, R.J., Ezra, D., Feller, P., Ferrer, A., Flynn, P.J., Friese, F., Galbraith, W., George, R., Gill, S.D.M., Goldberg, M., Goodman, S., Graves, W., Grossetete, B., Hampson, P.G., Heinloth, K., Hughes-Jones, R.E., Hutton, J.S., Ibbotson, M., Jung, M., Katsanevas, S., Kemp, M.A.R., Kovacs, F., Kumar, B.R., Lafferty, G.D., Lane, J.B., Levy, J.-M., Liebenau, V., Litt, J., London, G., Mercer, D., Morris, J.V., Muller, K., Newton, D., Paul, E., Petroff, P., Pons, Y., Raine, C., Richard, F., Richter, R., Roberts, J.H.C., Roudeau, P., Rouge, A., Rumpf, M., Sene, M., Six, J., Skillicorn, I.O., Sleeman, J.C., Smith, K.M., Steinhauer, C., Storr, K.M., Thompson, R.J., Treille, D., de La Vaissiere, C., Videau, H., Videau, I., Waite, A.P., Wijangco, A., Wojcik, W., Wuthrick, J.-P., Yiou, T.P. The reactions $\gamma p \rightarrow \pi^+ p$ and $\gamma p \rightarrow \pi^0 p$ at photon energies of 25-70 GeV 1-14399
- Aston, D.**, Atkinson, M., Bailey, R., Ball, A.H., Bouquet, B., Brookes, G.R., Broring, J., Bussey, P.J., Clarke, D., Clegg, A.B., d'Almagne, B., De Rosny, G., Diekmann, B., Donnachie, A., Draper, M., Drevillon, B., Duerdodt, I.P., Dufey, J.-P., Ellison, R.J., Ezra, D., Feller, P., Ferrer, A., Flynn, P.J., Friese, F., Galbraith, W., George, R., Gill, S.D.M., Goldberg, M., Goodman, S., Graves, W., Grossetete, B., Hampson, P.G., Heinloth, K., Hughes-Jones, R.E., Hutton, J.S., Ibbotson, M., Jung, M., Katsanevas, S., Kemp, M.A.R., Kovacs, F., Kumar, B.R., Lafferty, G.D., Lane, J.B., Levy, J.-M., Liebenau, V., Litt, J., London, G., Mercer, D., Morris, J.V., Muller, K., Newton, D., Paul, E., Petroff, P., Pons, Y., Raine, C., Richard, F., Richter, R., Roberts, J.H.C., Roudeau, P., Rouge, A., Sene, M., Six, J., Skillicorn, I.O., Sleeman, J.C., Smith, K.M., Steinhauer, C., Storr, K.M., Treille, D., de La Vaissiere, C., Videau, H., Videau, I., Waite, A.P., Wijangco, A., Wojcik, W., Wuthrick, J.-P., Yiou, T.P. Inclusive photoproduction of ϕ -mesons at photon energies of 25-70 GeV 1-45297
- Aston, D.**, Atkinson, M., Bailey, R., Ball, A.H., Bouquet, B., Brookes, G.R., Broring, J., Bussey, P.J., Clarke, D., Clegg, A.B., d'Almagne, B., De Rosny, G., Diekmann, B., Donnachie, A., Draper, M., Drevillon, B., Duerdodt, I.P., Dufey, J.-P., Ellison, R.J., Ezra, D., Feller, P., Ferrer, A., Flynn, P.J., Friese, F., Galbraith, W., George, R., Gill, S.D.M., Goldberg, M., Goodman, S., Gorski, M., Graves, W., Grossetete, B., Hampson, P.G., Heinloth, K., Hughes-Jones, R.E., Hutton, J.S., Ibbotson, M., Jung, M., Katsanevas, S., Kemp, M.A.R., Kovacs, F., Kumar, B.R., Lafferty, G.D., Lane, J.B., Levy, J.-M., Liebenau, V., Litt, J., London, G., Mercer, D., Morris, J.V., Muller, K., Newton, D., Paul, E., Petroff, P., Pons, Y., Raine, C., Richard, F., Richter, R., Roberts, J.H.C., Roudeau, P., Rouge, A., Rumpf, M., Sene, M., Six, J., Skillicorn, I.O., Sleeman, J.C., Smith, K.M., Steinhauer, C., Storr, K.M., Thompson, R.T., Treille, D., de la Vaissiere, C., Videau, H., Videau, I., Waite, A.P., Wijangco, A., Wojcik, W., Wuthrick, J.-P., Yiou, T.P. Photoproduction of charmed F mesons at γ energies of 20-70 GeV 1-50442
- Aston, D.**, Dunwoodie, W., Durkin, S., Fieguth, T., Honma, A., Hutchinson, D., Johnson, W.B., Kunz, P., Lasinski, T., Leith, D.W.G.S., Levinson, L., Meyer, W.T., Ratcliff, B.N., Richter, R., Shapiro, S., Stroynowski, R., Suzuki, S., Williams, S., Carnegie, R., Estabrooks, P., Hemingway, R.J., McPherson, A., Oakham, G., Va'Vra, J., McKee, R. Observation of a spin-parity $4^+ K^*(2090)$ 1-50470
- Aston, S.R.**, Stanners, D.A. Plutonium transport to and deposition and immobility in Irish Sea intertidal sediments 1-43834
- Astrelin, V.T.** see Arzhannikov, A.V. 1-42424
- Astrom, H.U.** see Gudmundsson, H. 1-12098
- Astrom, H.U.** see Sousa, J.B. 1-12269
- Astrov, D.N.** Development of low-temperature thermometry and thermophysics 1-23245
- Astrov, D.N.** see Aibilov, G.S. 1-23247
- Astrov, D.N.** see Agranovich, Ya.S. 1-15378
- Astrov, D.N.** see Pogorelov, O.F. 1-23248
- Astrov, Yu.A.**, Zhelev, V., Malinowski, J., Ryvkin, S.M. Photographic action of positively charged nitrogen ions on AgBr 1-21313
- Asty, M.** see Gilder, H.M. 1-47263
- Asukabe, M.** see Kurita, K. 1-34250
- Asundi, V.K.**, Joshi, M.C., Deb, S.K., Kulkarni, V.N., Sood, D.K., Sundaraman, M. Thermal migration of iron implanted in aluminum at high doses 1-7393
- Aswatha Narayana, P.A.** An investigation of turbulent boundary layer on a flat plate with a small step change in surface roughness 1-51754
- Ata, N.** Abu el see Abu el Ata, N.
- Atabek, O.**, Lefebvre, R. Multichannel quantization for molecular systems. I. Bound states studies 1-14831
- Atabek, O.**, Lefebvre, R. Multichannel quantization for molecular systems. II. Resonance studies 1-51146
- Atabek, O.**, Lefebvre, R., Requena, A. Semiclassical model for accidental predissociation in diatomic molecules 1-1296
- Atabek, O.**, Lefebvre, R., Requena, A. On the stabilization angle of the complex rotation method 1-40662
- Atac, M.** Wire chambers 1-14721
- Atayev, B.M.** see Adukov, A.D. 1-31194
- Atagunduz, G.** see Peker, S. 1-19687
- Atake, T.** see Chaudhuri, B.K. 1-16040
- Atakishvili, N.M.**, Filippov, A.T. Calculation of the superpropagators of massive particles in nonpolynomial quantum field theories 1-5504
- Atalar, A.** Photoacoustic effect as a liquid absorbance detector 1-7262
- Atalay, T.** Switching and memory effects in $As_{20}Se_{80}Te_{60}$ chalcogenide glass 1-12158
- Atalla, S.** see Basili, R. 1-2720
- Atanaskovic, T.** A stationarity principle for simple elastic materials 1-1833
- Atanasiu, D.** see Popescu, I.M. 1-36726
- Atanasio, N.E.** Intensification of tube drawing by axial ultrasonic oscillation of the plug 1-37679
- Atanasov, P.** see Petrova, M. 1-6539
- Atanesyan, V.G.** see Arutyunyan, A.G. 1-33762
- Atari, N.A.** Lyoluminescence mechanism of additively and gamma coloured alkali halides in fluorescent and chemiluminescent solutions 1-26274
- Atavaeva, E.Ya.**, Bendeliani, N.A. High-pressure polymorphism of YF_3 1-20376
- Atchison, D.A.**, Smith, G., Johnston, A.W. Prismatic effects of spherical ophthalmic lenses 1-44042
- Atchison, F.** Spallation and fission in heavy metal nuclei under medium energy proton bombardment 1-18942
- Atchison, G.J.** see Shepherd, B.K. 1-13193
- Atchuta Rao, D.**, Ram Babu, H.V. A note on the application of Hilbert transform for the transformation of geomagnetic anomalies due to two-dimensional bodies 1-17694
- Atchian, J.**, Baudrand, H. Modal analysis of multidi-electric optical fibers by means of least square method 1-19467
- Atefi, B.**, Fischer, G.J., Durston, C. Improved fission product model for fast reactor analysis 1-50721
- Atencio, J.D.** see Kunz, W.E. 1-14602
- Ateya, B.G.** see Kato, C. 1-16965, 1-16966
- Ateya, B.G.** see Rebert, N. 1-35541
- Atha, P.M.**, Hillier, I.H., Guest, M.F. Electron correlation and the nature of the sextuple bond in the dimolybdenum molecule 1-6172
- Athanassoulis, C.A.** see Gronemeyer, S.A. 1-32243
- Athanassakos, E.**, Kalman, C.S. U_{14} as a dynamical group for hadron scattering states 1-45153
- Athavale, R.N.**, Murli, C.S. Measurement of recharge rates in soils through detection of tritium produced in Chinese thermonuclear tests 1-49309
- Athay, R.** Grant see Grant Athay, R.
- Atterton, H.W.**, Bovet, C., Doble, N., von Holtey, G., Piemontese, L., Placci, A., Piacidi, M., Plane, D.E., Reinharz, M., Rossa, E. Precise measurements of particle production by 400 GeV/c protons on beryllium targets 1-14529
- Atterton, N.M.**, Shalabi, A.S. Electron spin resonance studies of ion association. VIII. Effects of ion-pairing on ^{14}N hyperfine splittings in p-substituted nitrobenzene anions 1-14948
- Atterton, W.A.** The history of electromagnetic induction 1-5065
- Atiev, F.Yu.**, Krupnikov, E.S., Kerimov, I.G., Asadov, Yu.G. Phase transition in silver telluride films at low temperatures. [Electrophysical properties] 1-47397
- Atkin, G.K.**, di Claudio, B., Violini, G., Bowcock, J.E., Queen, N.M. Test of an analytic extrapolation to the hyperon poles of the forward kaon-proton scattering amplitude 1-41010
- Atkin, G.K.**, Di Claudio, B., Violini, G., Queen, N.M. Value of the NZK coupling constant from a dispersion analysis of the regeneration amplitude 1-584
- Atkins, A.G.** Toughness in wear and grinding 1-8439
- Atkins, A.G.** Possible explanation for unexpected departures in hydrostatic tension-fracture strain relations 1-43444
- Atkins, A.G.** Cracking of layered structures: the suppression of yielding by case hardening 1-48508
- Atkins, A.G.** see Mai, Y.W. 1-21674
- Atkins, F.B.** see Metz, C.E. 1-26994
- Atkins, K.R.** Lorentz ether theory versus relativity—the possibility of new experimental evidence 1-32838
- Atkins, R.J.** see Engel, F.C. 1-23736
- Atkins, W.K.**, Davis, W.R. Lancelot-type potentials in non-Abelian gauge theories 1-5484
- Atkinson, C.** see Popelar, C.H. 1-33916
- Atkinson, D.** Study of a singular integral equation of Calogero 1-32833
- Atkinson, D.** see Bamford, J.M. 1-43881
- Atkinson, G.** see Emara, M.M. 1-43647
- Atkinson, G.F.**, Guzonas, D.A., Irish, D.E. Raman spectral studies at the silver surface of the Ag/KCl pyridine electrode 1-17059
- Atkinson, J.**, Braddick, O., French, J. Infant astigmatism: its disappearance with age 1-13235
- Atkinson, J.** see Braddick, O. 1-22017
- Atkinson, K.**, Lamb, P. Time history analysis of multi-impact noise 1-29454
- Atkinson, L.** see Cordes, C. 1-49288
- Atkinson, L.P.**, Singer, J.J., Pietrafesa, L.J. Volume of summer subsurface intrusions into Onslow Bay, North Carolina 1-13464
- Atkinson, M.** Effects of grain size and of carbon content in the strain hardening of polycrystalline iron and low-carbon steels 1-21482
- Atkinson, M.** see Adamovich, M.I. 1-45317
- Atkinson, M.** see Aston, D. 1-14399, 1-45297, 1-50442
- Atkinson, M.** see Fiorino, A. 1-50583
- Atkinson, S.A.** see Hanson, G.H. 1-45677
- Atlas, G.** see Loring, H. 1-13332
- Atlas, E.** see Giam, C.S. 1-26860
- Atluri, S.N.**, Kathiresan, K. Influence of flow shapes on stress intensity factors for pressure vessel surface flaws and nozzle corner cracks 1-29628
- Atluri, S.N.** see Bratiun, C. 1-46720
- Atluri, S.N.** see Nakagaki, M. 1-46697
- Atluri, S.N.** see Nishioka, T. 1-46698
- Ato, Y.** Measurements of sputtering yields of Cu and Au-films by Ar and O ions using Rutherford backscattering 1-31260
- Ato, Y.**, Miyagawa, S., Tanemura, S., Suzuki, K. Observation of the damaged surface of germanium by using backscattering 1-20528
- Atoda, T.** see Okada, S. 1-21405, 1-48252
- Atoji, M.** Neutron diffraction studies of $Ce_{0.3}U_{0.67}C_2$ and $Ce_{0.67}U_{0.33}C_2$ at 296-K 1-34306
- Atoji, M.** Neutron-diffraction study of Ho_2C at 4-296K 1-47851
- Atoji, M.** Neutron-diffraction study of cubic ErC_{12} in the temperature range 1.6-296K 1-47852
- Atovmyan, L.O.**, Tkachev, V.V., Ponomarev, V.I., Ukhse, E.A. Crystal structure of the superionic conductor $RbAg_2I_3$ in the temperature range from -45 to +135°C 1-7148
- Atoyan, A.M.** see Aharonian, F.A. 1-45256
- Atrous, A.**, Mezzanotte, D., Fiore, N.F., Genshaw, M.A. Electrochemical studies of hydrogen diffusion and permeability in Ni 1-16090
- Atrous, A.** see Ritchie, I.G. 1-2462
- Atreya, S.K.** see Clarke, J.T. 1-44473
- Atreya, S.K.** see Deslier, A.J. 1-54414
- Atreya, S.K.** see Meriwether, J.W., Jr. 1-36090
- Atsarkin, V.A.**, Demidov, V.V. Nuclear magnetic relaxation and spin diffusion in the local fields of paramagnetic centers 1-12422
- Atsarkin, V.A.**, Demidov, V.V., Khebnikov, S.Ya. Presence of dipole spin glass in magnetically diluted dielectric $CaF_2:Er^{3+}$ 1-21000
- Atsuki, K.** see Kimura, T. 1-26161
- Atta, C.W.** Van see Van Atta, C.W.
- Attal, B.**, Pealat, M., Taran, J.-P. CARS diagnostics of combustion 1-13012
- Attal, J.**, Truong-Quang, N., Cambon, G., Saurer, J.M., Rouzeure, M. Acoustic microscopy with noncoherent source 1-41932
- Attalla, A.** see Bowman, R.C., Jr. 1-3282
- Attekum, P.M.** Th.M. van see van Attekum, P.M. Th.M.
- Atten, P.**, Lacroix, J.C., Malraison, B. Chaotic motion in a Coulomb force driven instability: large aspect ratio experiments 1-11370
- Atten, P.**, Wesfreid, J.E. Wavenumber variations of spatially damaged Rayleigh-Benard convection 1-37913

- Attenborough, K., Hayek, S.I., Lawther, J.M. Propagation of sound above a porous half-space 1-15306
- Atteo, E., Salvetti, G., Solimeno, S. Influence of initiating discharge characteristics on the performance and efficiency of a HF laser: an experimental investigation 1-1555
- Atteo, E., Salvetti, G., Solimeno, S. Electrical characteristics of a transversely pulse-initiated hydrogen fluoride laser 1-51464
- Atti, C. Ciofi degli see Ciofi degli Atti, C.
- Attisani, A., Caponi, C., Carassa, F., Maciarella, G., Matricciani, E., Mauri, M., Paraboni, A., Pawlina, A., Piores Baptista, J.P.V., Vannini, C. The main result of the SHF-SIRIO experiment after two years' activity 1-22377
- Attolini, G., see Franchi, S. 1-34598
- Attwood, D.T. see Basov, N.G. 1-25084
- Atutor, S.N., Seleznev, S.N., Shalagin, A.M. Selection of axial modes in an He-Ne laser with a longitudinal magnetic field 1-15155
- Atvars, T.D.Z. see Lin, C.T. 1-6234
- Atwater, M.A., Ball, J.T. The effects of rawinsonde density and frequency on radiation computations 1-44283
- Atwater, S.G. see Chang, A.T.C. 1-9153
- Atwood, C.H. see Clark, P.D. 1-41059
- Atwood, E.S. see Driscoll, J.N. 1-13053
- Atwood, E.S. see Nestrick, T.J. 1-39701
- Atwood, W. see Antreasyan, D. 1-10287
- Atzmony, U. see Ikeda, K. 1-38882
- Atzrodt, V., Wirth, Th., Lange, H. Investigation of NiSi and PdSi thin films by AES and XPS 1-39196
- Au, C.K., Rogers, G.W. Perturbation theory for a Dirac particle in a central field 1-14248
- Au, C.T., Roberts, M.W. Photoelectron spectroscopic evidence for the activation of adsorbate bonds by chemisorbed oxygen 1-2800
- Au, W.W.L., Snyder, K.J. Long-range target detection in open waters by an echolocating Atlantic Bottlenose dolphin (*Tursiops truncatus*) 1-11269
- Au, W.W.L. see Hammer, C.E., Jr. 1-11271
- Au Kong Jin see Jin Au Kong
- Au Yeung, J. Theory of active mode locking of a semiconductor laser in an external cavity 1-46349
- Au-Chin Tang see Tang Au-Chin
- Aubard, J. see Albert, J.L. 1-50227
- Aubauer, H.P. see Puschl, W. 1-30408
- Aubert, A.E. see Denys, B.G. 1-8893
- Aubert, B., Catz, P., Colas, J., Della-Negra, M., Gonidec, A., Lees, J.P., Linglin, D., Minard, M.N., Yvert, M. A shower position detector inside an electromagnetic calorimeter 1-14748
- Aubert, J., Bliman, S., Geller, R., Jacquot, B., van Houtte, D. Charge-changing collisions of argon ions on argon gas. One-electron capture 1-19167
- Aubert, J. see Coates, J.H. 1-14688
- Aubert, J.H., Prager, S., Tirrell, M. Macromolecules in nonhomogeneous velocity gradient fields. II 1-11425
- Aubert, J.J. Studies of muon induced multimoon final states in the EMC experiment NA2 1-45321
- Aubert, J.J., Bassompierre, G., Becks, K.H., Best, C., Bohm, E., de Bouard, X., Brasse, F.W., Bröll, C., Brown, S., Carr, J., Clifft, R.W., Cobb, J.H., Coignet, G., Combley, F., Court, G.R., Crespo, J.M., Dalpiaz, P.F., Dalpiaz, P., Dau, W.D., Davies, J.K., Declais, Y., Dobinson, R.W., Doselli, U., Drees, J., Edwards, A., Edwards, M., Favier, J., Ferrero, M.I., Flauger, W., Gabathuler, E., Gamet, R., Gayler, J., Gerhardt, V., Ghez, P., Gossling, C., Gregory, P., Hass, J., Hahn, U., Hamacher, K., Hayman, P., Hencles, M., Jokisch, H., Korb, V., Landgraf, U., Leenen, M., Maire, M., Massonnet, L., Mohr, W., Montgomery, H.E., Moser, K., Mount, R.P., Norton, P.R., McNicholas, J., Osborne, A.M., Payne, P., Peroni, C., Pessard, H., Pietrzyk, U., Rith, K., Schlosser, E., Schneegans, M., Sloan, T., Stier, H.E., Stockhausen, W., Thenard, J.M., Thompson, J.C., Urban, L., Wahlen, H., Williams, D., Williams, W.S.C., Wimpenny, S.J. Transverse momentum of charged hadrons observed in deep inelastic muon scattering 1-5630
- Aubert, J.J. see Altkofer, O.C. 1-45773
- Aubert, J.-J. see Preparata, G. (editor) 1-44713
- Aubert-Frecon, M. see Decorot, C. 1-24205
- Aubier, M.G. Transition between type 1 and type III bursts in closed or open magnetic field lines 1-4893
- Aubier, M.G. see Boischot, A. 1-44434
- Auble, R.L., Bair, K.J., Galbraith, D.M., Jones, C.M., Stelson, P.H., Weiss, D.C. Evaluation of carbon stripper foils for heavy-ion accelerators 1-23907
- Auble, R.L. see Rester, A.C. 1-5697
- Auburn, J.J., Granstaff, S.M., Jr. Sodium-sulfur-aluminum chloride cells 1-53584
- Aubrey, J.E. Diffusion size effect calculation for n-Si 1-47644
- Aubry, S., Andre, G. Analyticity breaking and Anderson localization in incommensurate lattices 1-7114
- Aubry-Frize, M., Leduc, A. Assessment of skin temperature elevation and heat diffusion with electrosurgical currents 1-39885
- Auch, W., von Schutz, J.U. Optical nuclear polarization in the 1:1 CT-crystal anthracene/tetracyanobenzene. Consequences of the phase transition at 206K 1-7975
- Auchampaugh, G.F. see Plattard, S. 1-18698, 1-45549
- Auciello, O. see Kelly, R. 1-16649
- Auconi, F. On the dynamic shakedown stability 1-46684
- Aucouturier, M. see Moulin, G. 1-30272
- Audekerke, R. van see van Audekerke, R.
- Audet, J., Bolomey, J.C., Pichot, C., N'Guyen, D.D., Robillard, M., Chive, M., Leroy, Y. Electrical characteristics of waveguide applicators for medical applications 1-43939
- Audet, J. see Nguyen, D.D. 1-22108
- Audiso, S. Chemical vapor deposition of tin and iron or carburized iron 1-21358
- Audit, G. see Argan, P.E. 1-28331, 1-33190
- Audit, P. see Gilder, H.M. 1-47263
- Audoi, C. see Jardino, M. 1-44872
- Audoin, C. Fast cavity auto-tuning systems for hydrogen masers 1-46274
- Audoin, C. see Lesage, P. 1-19311, 1-37448
- Audoin, C. see Petit, P. 1-50094
- Audouard, A., Jousset, J.C., Dural, J. Low temperature irradiations of some Fe-B metallic glasses 1-34370
- Audouze, J., Bouchet, P., Fehrenbach, Ch., Woszyk, A. A spectroscopic study of CI Cygni: the S-process episode 1-36297
- Audouze, J., Chieze, J.-P., Vangioni-Flam, E. Isotopes anomalies in meteorites and the origin of the galactic cosmic rays 1-22641
- Audouze, J. see Bruston, P. 1-54574
- Audouze, J. see Prevot, L. 1-13846
- Audouze, J. see Balian, R. (editor) 1-27684
- Audretsch, J. Trajectories and spin motion of massive spin-1/2 particles in gravitational fields 1-36558
- Audunson, T. see Gebhart, B. 1-4517
- Aue, W.P. see Minoret, A. 1-14153
- Auer, L.H. see Oswick, S.P. 1-32675
- Auer, P.P. see Freudenhammer, A. 1-2782
- Auerbach, A., McDiarmid, R. Modified pulsed valve for supersonic jet applications 1-2053
- Auerbach, A. see McDiarmid, R. 1-29048
- Auerbach, E.H., Dover, C.B., Kahana, S.H. Resonance phenomena in antiproton-nucleus scattering 1-50599
- Auerbach, R.A., Christensen, R.L., Granville, M.F., Kohler, B.E. Absorption and emission of 2,12-dimethyltridecahexene 1-37217
- Auerbach, S.I. see Trabalka, J.R. 1-17501
- Auerbach, S.P., Boozer, A.H. Classical diffusion in the presence of an X point 1-29849
- Auerbach, S.P. see Cohen, B.I. 1-29835
- Auf der Heyde, T.P.E., Green, C.S., Needham, D.E., Thornton, D.A., Watkins, G.M. The infrared spectra (600-1500 cm⁻¹) of pyridine n-oxide complexes of metal(II) halides and mixed-ligand (pyridine n-oxide-dimethylsulphoxide) complexes of copper(II) halides 1-31142
- Auferheide, K.H. Localized atomic orbitals for atoms in molecules. I. Methodology 1-1075
- Auferheide, K.H., Chung-Phillips, A. Localized atomic orbitals for atoms in molecules. II. Diatomic molecules 1-1076
- Aufmuth, P. see Anders, A. 1-35808, 1-35875
- Aufrey, B., Gas, P., Bernardini, J., Cabane-Brouty, F. Determination of solute diffusion coefficient in grain boundaries without any assumption on the grain boundary thickness 1-42399
- Augason, G.C. see Goorvitch, D. 1-17835
- Augé, A. see Laques, P. 1-13857, 1-36312
- Augé, A. see Lecacheux, J. 1-4819
- Auger, J.P., Lombard, R.J. Remarks on P and Q in proton-nucleus elastic scattering at intermediate energies 1-23657
- Auger, J.P. see Ahmad, I. 1-45503
- Augh-Stein, H.A. see Hanna, A.A. 1-21109
- Augsburger, E.I., Dietsche, W., Kinder, H., Becker, J. Thermal conductivity of several fibre-reinforced composites between 2K and 300K 1-42589
- Augsburger, Q. Pool heating decisions involve many variables 1-53670
- Augstein, E., Wendel, M. Modelling of the time-dependent atmospheric tradewind boundary layer with nonprecipitating cumulus clouds 1-49323
- Auguères, J.L., Aymar, R., Bon Mardion, G., Claudet, G., Faure Brac, G., Plancovaline, J., Senet, L. 700 mm diameter cryostats operating at 1.8K and atmospheric pressure 1-40791
- Auguie, D., Oberlin, M., Oberlin, A., Hyvernart, P. Microtexture of mesophase spheres as studied by high resolution conventional transmission electron microscopy (CTEM) 1-42291
- Auguin, B. see Machizaud, F. 1-34236
- August, C. see Page, R.J. 1-14657
- August, L.S., Shapiro, P., Beach, L.A., Smathers, J., Graves, R., Almond, P., Otte, V., Grant, W. Concerning dose buildup at the air-tissue interface 1-22137
- August, L.S. see McDonald, J.C. 1-44007
- Augustin, J.E. e⁺e⁻ physics below J/ψ resonance 1-10238
- Augustin, S.D. see Dougherty, E.P., Jr. 1-46048
- Augustine, R.L. see Ashworth, H.A. 1-53517
- Augustiniak, W.M. see Auston, D.H. 1-50212
- Augustsson, B.O. see Southwick, R.D. 1-53327
- Augustyn, W.H. Aspheric testing by conventional interferometry 1-29369
- Augustyniak, W., Glowacka, L., Zemlo, L., Turkiewicz, J., Jaskola, M., Le Van Koi. Non-statistical effect in the ¹⁴⁹Sm(n,α)¹⁴⁶Nd reaction 1-45425
- Augustyniak, W.M. see Brown, W.L. 1-15937
- Augustyniak, W.M. see Smith, P.R. 1-42809
- Augustynski, J. see Monnier, A. 1-8575
- Aukstulis, Z.J., Zebrunaite, V.P., Pozela, J.K., Saschuk, A.P. Temperature effects on galvanomagnetic recombination effect in n-germanium 1-42799
- Auld, D.R. see Law, L.K. 1-22214
- Aulenbacher, U., Langenberg, K.J. Analytical representation of transient ultrasonic phased-array near- and far-fields 1-46648
- Auleyner, J., Bak, J., Furmanik, Z., Maciaszek, M., Saulewicz, S. The X-ray method for the determination of damaged layer thickness of the Si crystal surface 1-20523
- Auleyner, J. see Storbek, F. 1-20524
- Aulombard, R. see Porowski, S. 1-47678
- Aulombard, R.L. see Raymond, A. 1-52582
- Aulombard, R.L. see Robert, J.L. 1-47716
- Auluck, F.C. see Nanda, V.S. 1-39690
- Auluck, S. see Sharma, P. 1-42711
- Auluck, S.K.H. A possible mechanism for the generation of filamentary plasma structures in the plasma focus 1-19929
- Aumont, R. see Fondere, J.-P. 1-28010
- Aumont, R. see Genet, F. 1-35202
- Aunon, J.I. see McGillem, C.D. 1-32085
- Aunon, J.I. see Moser, J.M. 1-32114
- Auphelle, D. see Pointu, A.M. 1-11521
- Aupoix, B. see Arzuomian, E. 1-1942
- Aur, S., Egami, T. Structure of (Pt₈₁Ni₁₉)₃₇ determined by EDXD technique 1-30088
- Auracher, F. Optical communication—today and tomorrow 1-6498
- Auracher, F., Keil, R. High deflection-efficiency low-insertion loss electro-optic Bragg deflector 1-11080
- Auracher, F., Keil, R. Design considerations and performance of Mach-Zehnder waveguide modulators 1-33832
- Auracher, F., Keil, R., Zeitler, K.-H. New electro-optic Bragg deflectors with low-insertion loss and multiple-beam capability 1-37594
- Auracher, H. see Stephan, K. 1-33881
- Aurenche, P., Fadeev, N.G., Lindfors, J., Skachkov, N.B., Ivanshin, Y.I., Ross, D.A. What do the present deep inelastic scattering data and QCD tell us about structure functions? 1-28274
- Aurenche, P., Lindfors, J. Important non-leading QCD corrections to W[±] and Z⁰ production in hadronic collisions 1-14337
- Aurian-Blajeni, B., Halmann, M., Manassen, J. Photoreduction of carbon dioxide and water into formaldehyde and methanol on semiconductor materials 1-8695
- Auric, P. see Bandopadhyay, A.K. 1-3307
- Aurilia, A., Kobayashi, M., Takahashi, Y. Remarks on the constraint structure and the quantization of the Rarita-Schwinger field 1-437
- Aurilia, A., Nicolai, H., Townsend, P.K. Hidden constants: the θ parameter of QCD and the cosmological constant of N=8 supergravity 1-36800
- Aurilia, A., Takahashi, Y., Townsend, P.K. The U(1) problem and the Higgs mechanism in two and four dimensions 1-5488
- Aurivillius, B. On the crystal structures of some lead fluorohalides composed of fluorite-like blocks and single halogen layers 1-38340
- Aurna, B., Ramakrishna, Y.V.S., Narayana, P.A. Fourier transform of deuteron modulation of electron spin echo envelope of silver atoms in deuterated ice and solid methanol 1-16480
- Austlander, D. see Lenart, I. 1-39687
- Austlander, M.I., Bebenin, N.G. Heating of localized spins in a magnetic semiconductor in the paramagnetic state 1-34847
- Austlander, M.I. see Kalashnikov, V.P. 1-30724
- Ausloos, M. Electrical and thermal properties of magnetically ordered metallic compounds TbZn, TbCd and GdCd 1-30721
- Ausloos, M., Clippe, P., Kowalski, J.M., Pekalski, A. Magnetic lattice gas 1-16420
- Ausloos, M., Durczewski, K. Critical behavior of the electrical resistivity in magnetic systems: Comments and theory 1-12086

- Ausloos, M., Sousa, J.B., Amado, M.M., Pinto, R.F., Moreira, J.M., Bragal, M.E., Pinheiro, M.F. On various anomalies in the temperature derivative of transport properties in RE metallic compounds 1-25700
- Ausloos, M. *see* Gerardy, J.M. 1-26207
- Aust, K.T. *see* Hanham, C.M. 1-21637
- Aust, K.T. *see* Maak, P.Y.Y. 1-8250
- Aust, K.T. *see* Miura, S. 1-8366
- Austen, S.P. *see* Abhavi, A.S. 1-52533
- Austerman, S.B. *see* Shu-Cheng Yu 1-38337
- Austin, J.F. *see* Sedlak, J.M. 1-32054
- Austin, L.G. *see* Robert, N. 1-35541
- Austin, M. *see* Mathew, M. 1-34322
- Austin, R.R.D. *see* Bradshaw Wood, F. 1-27558
- Austin, R.W. Coastal zone color scanner radiometry 1-22541
- Austin, R.W. *see* Hovis, W.A. 1-54282
- Austin, R.W. *see* Smith, R.C. 1-18281
- Austin, S.M. *see* Horen, D.J. 1-50568
- Austin, S.M. *see* Sternenberg, W.A. 1-18619
- Austinat, J., Nelskowski, H., Schrittenlacher, W. Reflectance of CuInSe_2 and AgGaS_2 1-52912
- Auston, D.H., Smith, P.R., Johnson, A.M., Augustinik, W.M., Bean, J.C., Fraser, D.B. Recent advances in picosecond optoelectronics 1-50212
- Auston, D.H. *see* Smith, P.R. 1-42809, 1-50209
- Auth, D.C. *see* Doty, J.L. 1-35853
- Auth, D.C. *see* Stokes, L.F. 1-53853
- Authier, A. Kinematical and dynamical diffraction theories (in crystallography) 1-42257
- Authier, B., Hill, L. High concentration solar collector of the stepped spherical type: optical design characteristics 1-13080
- Authier, J.C. *see* Zwingelstein, G. 1-27979
- Authier-Martin, M. *see* Simkin, D.J. 1-48164
- Autric, M., Caressa, J.P., Vigliano, P., Bournot, Ph., Dufresne, D., Inglesakis, G. Experimental and computational investigation of pulsed laser energy transmission through the atmosphere 1-40197
- Auvert, B., Lever, M.J., Caro, C.G. Influence of transmembrane pressure and shear on the transport of ^{131}I -albumin 1-49040
- Auvray, B., Charlot, R., Vidal, P. New study of the Lower Proterozoic of the North American Massif (France): age and significance 1-49233
- Auvray, L. Solutions of rigid macromolecules: Effects of a non absorbing wall and orientation by flow 1-34215
- Auvray, P. *see* Bourguet, P. 1-42405
- Auwerla, L. Van der *see* Van der Auwerla, L.
- Auwerla, M. Van der *see* Van der Auwerla, M.
- Auwerter, H. *see* George, S.M. 1-29042
- Auwerter-Ming, M., Schrade, H.O. Exploration of arc spot motion in the presence of magnetic fields 1-25090
- Auzel, F. Necessary numerical criteria for some physical properties of low-quenching neodymium materials 1-24424
- Auzel, F. *see* Pouradier, J.F. 1-26279
- Auzina, L.K., Liepina, V.E. Spectroscopic diagnostics for stabilized argon-air arc 1-15646
- Auzolle, R., Perot, J., Bazin, C. A superconducting undulator for synchrotron radiation light 1-51009
- Av-Shalom, A. *see* Dado, S. 1-33206
- Av-Shalom, A. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Avakova, T.A. *see* Vil'ner, G.A. 1-44033
- Avakyan, A.L., Ambartsumyan, A.S., Yan Shi X-ray transition radiation formed in a plate with smeared boundaries 1-3526
- Avakyan, R.O., Avetisyan, A.E., Akopov, N.Z., Danagulyan, S.S., Kosakov, I.Kh., Oganesyan, A.A., Petrosyan, Zh.V., Taroyan, S.P., Elbakyan, G.M. Energy dependence of the parameters B and C of the cumulative proton production invariant cross section $\sigma = C \exp(-Bp^2)$ in the reaction $\gamma A \rightarrow pX$ on ^{12}C , ^{64}Cu and ^{207}Pb 1-45494
- Avakyan, R.O. *see* Frolov, A.M. 1-28771
- Avakyan, R.O. *see* Maishev, V.A. 1-25348
- Avakyan, V.V., Bagdasaryan, L.S., Vasinyuk, I.E., Vinnitskii, O.M., Kazaryan, S.P., Oganezova, Dzh.S., Oganesyan, A.G. Automatic acquisition, storage, and processing of experimental cosmic-ray data with an Nairi-2 digital computer 1-4778
- Avakyan, G.M., Karayan, G.S., Dzheredzhyan, A.A., Manukyan, A.G. The avalanche multiplication process in multilayer structures in relatively low electric field 1-38843
- Avakyan, G.M. *see* Abraamyan, Yu.A. 1-7715
- Avakyan, L.P., Gorelik, V.S., Dudnik, E.F., Smirnov, P.S., Strukov, B.A. Elastic anomalies and spectra of Raman scattering of light in the crystals $\text{Pb}_3(\text{PO}_4)_2$ and $\text{Pb}_3(\text{P}_{0.9}\text{V}_{0.1}\text{O}_4)_2$ 1-12512
- Avalliani, M.A., Chudinova, N.N., Tananaev, I.V. Synthesis of condensed indium phosphates in polyphosphoric acid melts 1-12978
- Avalliani, M.A. *see* Chudinova, N.N. 1-35164
- Avales-Borja, M. *see* Van Sande, M. 1-30015
- Avanesov, A.G., Basov, Y.G., Garmash, V.M., Denker, B.I., Il'ichev, N.N., Maksimova, G.V., Malyutin, A.A., Osiko, V.V., Pashinin, P.P., Prokhorov, A.M., Sychev, V.V. High-efficiency pulse-periodic laser utilizing high-concentration neodymium phosphate glass 1-6579
- Avarmaa, R., Mauring, K., Suisalu, A. Reversible resonant hole burning in the fluorescence spectra of protoclithorophyll 1-29015
- Avasthi, M.N. *see* Saleem, M. 1-30453
- Avatynin, G.A., Vylegzhaniy, V.P., Zosimov, V.V., Kolos, A.S., Tanaev, M.Ya., Trifonov, Yu.M. Prototype of optomechanical laser photorecorder 1-37539
- Avchukhov, V.D., Baskova, K.A., Bekukh, T.M., Vovk, A.B., Govor, L.I., Demidov, A.M., Komkov, M.M. Angular distribution of gamma photons in $(n,n'\gamma)$ reaction on ^{91}Zr 1-32325
- Avchukhov, V.D., Baskova, K.A., Vasil'ev, S.S., Vovk, A.B., Makuni, B.M., Skakun, E.A., Chuga, T.V., Shavtvalov, L.Ya. Yields of isomers ^{89m}gZr and ^{111m}gIn in (α, n) and $\alpha, 2n$ reactions 1-45386
- Avcioglu, K. Ion movements in the atmospheres of P Cygni. I. Variation of radial velocities as a function of the energy causing the radiations 1-13782
- Avcioglu, K. Ion movements in the envelope of P Cygni. II. Radial velocity expressed as a function of the energy responsible for the spectral line 1-13783
- Avdeenko, V.A., Korenbli, S.E., Chernyak, V.L. Asymptotics of nucleon form factors in quantum chromodynamics 1-50437
- Avdeev, L.V., Tarasov, O.V., Vladimirov, A.A. Vanishing of the three-loop charge renormalization function in a supersymmetric gauge theory 1-14268
- Avdeev, V.I. *see* Ruzankin, S.F. 1-7504
- Avdeev, Yu.A., Regirer, S.A. Mathematical model of bone tissue as a porous-elastic piezoelectric material 1-13274
- Avdeeva, L.A. *see* Polyakov, V.I. 1-47741
- Avdeeva, O.S., Rikhiyeva, G.T., Pulatova, M.K. An ESR study of the radiation damage to the DNA of natural tissues characterized by different radiosensitivities 1-17456
- Avdeeva, V.I. *see* Emel'yanov, G.M. 1-15231
- Avdeyeva, O.S., Gotlib, V.Ya., Rikhiyeva, G.T., Pulatova, M.K. Study of the nature of the paramagnetic centers formed in a gamma-irradiated culture of LL tumor cells 1-35830
- Advovich, H.W., Neville, G.A. 1,8-dihydroxy-9-anthrone, the revised structure for anthralin, a U.S.P. reference standard 1-20176
- Advueskii, V.S., Borodin, N.F., Vasil'ev, V.N., Godnev, A.G., Karyagin, V.P., Kover'yanov, V.A., Kovtunenkov, V.M., Kremnev, R.S., Pavlova, V.M., Rozhdvenskii, M.K., Serbin, V.I., Sukhanov, K.G., Uspenskii, G.R., Cheremukhina, Z.P. Parameters of Venus' atmosphere at Venus 11 and 12 landing sites (An analysis of the results of measurements made by these automatic interplanetary stations) 1-9396
- Advueskii, V.S. *see* Alekov, V.K. 1-24373
- Advuyevskiy, V., Grishin, S., Savichev, V. Technological experiments aboard "Salyut-5" 1-44404
- Ave, T., Niu, K. Anomalous viscosity in turbulent plasma due to electromagnetic instability. I 1-11527
- Ave Lallemant, H.G., Mercier, J.-C.C., Carter, N.L., Ross, J.V. Rheology of the upper mantle: inferences from peridotite xenoliths 1-35969
- Ave Lallemant, H.G. *see* Ross, J.V. 1-35961, 1-35981
- Avelline, I. *see* Iglesias-Sicardi, J.R. 1-7565
- Avellini, B.A. *see* Shapiro, Y. 1-17351
- Avemel, O., Varoquaux, E., Ebisawa, H. Field splitting of the new sound attenuation peak in $^3\text{He-B}$ 1-25520
- Avent, A.G., Freeman, R. NMR spin-lattice relaxation studied by magnetization transfer 1-317
- Averback, R.S., Birtcher, R.C., Thompson, L.J. Comparison of fission fragment damage with fast neutron damage in metals 1-2522
- Averback, R.S., Merkle, K.L., Thompson, L.J. Defect clustering in copper, silver and aluminum during heavy-ion irradiations at low temperatures 1-52186
- Averback, V.S., Makarov, A.I., Potemkin, A.K., Talanov, V.I. Efficiency at which a single-mode pump is converted into the first Stokes components in stimulated Raman scattering by rotational transitions in nitrogen at $p=1-3$ atm 1-24456
- Averbuch-Pouchot, M.T. Structure of sodium tellurate phosphate: $\text{Te}(\text{OH})_6\text{Na}_2\text{HPO}_4\text{Na}_2\text{H}_2\text{PO}_4$ 1-11729
- Averbuch-Pouchot, M.T. *see* Zilber, R. 1-15859
- Averbuch-Pouchot, M.T. *see* Durif, A. 1-47055
- Averbukh, A.Z., Veitsman, R.I., Genkin, M.D. Method for the numerical calculation of vibrations of composite shells with inextensible cross-walls 1-37687
- Averbukh, I.Sh. *see* Perel'man, N.F. 1-41413
- Averchenko, P.A. *see* Treskunov, B.A. 1-35437
- Averill, R.G., Pachtman, N., Jaffe, W.L. A basic dimensional analysis of normal human proximal femora 1-17447
- Averin, A.P., Glotov, E.P., Danilychev, V.A., Kotorov, V.N., Soroka, A.M., Yugov, V.I. Negative differential conductivity of an electron-beam-ionization discharge in nitrogen 1-34178
- Averin, V.V. *see* Gubenko, S.I. 1-16870
- Averina, I.M. *see* Efremov, V.A. 1-2416
- Averkiev, N.S., Altukhov, P.D., El'tsov, K.N., Pikus, G.E., Rogachev, A.A., Ushakova, E.M. The magnetic properties of bound multiexciton complexes in phosphorus-doped silicon 1-52993
- Averkiev, N.S. *see* Pikus, G.E. 1-2878
- Averkiev, V.V., Bolesta, I.M., Kravchuk, I.M., Lyskovich, A.B., Lypadievskii, V.K., Prorovich, V.A. Radioluminescence kinetics studies of pure and activated CdI_2 crystals 1-3490
- Averkin, A.A. *see* Shubnikov, M.L. 1-44946
- Averous, M. *see* Lombos, B.A. 1-30739
- Averson, E.A. *see* Strunina, A.G. 1-13008
- Avery, J., Ormen, P.-J. Transferable integrals in a deformation density approach to crystal orbital calculations. IV. Evaluation of angular integrals by a vector-pairing method 1-28859
- Avery, W.H. Ocean thermal energy conversion contribution to the energy needs of the United States 1-26845
- Avery, W.H. *see* Dugger, G.L. 1-53647
- Averyanov, E.M. Inversion of the splitting in the spectrum of a nematic induced by the local field anisotropy 1-25162
- Averyanov, E.M., Denite, Yu., Korets, A.Ya., Sorokin, A.V., Shabanov, V.F. Orientational-statistical properties of pure and impure liquid crystals of amyloxycyanobiphenyl 1-2323
- Averyanov, I.K., Golubev, A.I., Sadovoi, A.A. A scheme of calculations of energies of the lowest configuration in the lightest nuclei 1-41043
- Averyanov, I.S. *see* Chashchin, S.P. 1-20814
- Averyanov, P.N., Voronov, I.D., Zaikin, V.M., Pashkov, V.V., Ramzaeva, N.A., Shevchenko, E.V. Experimental study of measurement errors of rarefied-gas pressure transducers 1-44945
- Averyanov, V.I., Areshov, M.P. Determination of the tie-line directions and phase composition in liquid-phase separated glasses using electron-microscope data 1-43325
- Averyanov, V.I., Mazurin, O.V., Porai-Koshits, E.A., Rais, Kh., Roskova, G.P., Vogel, W., Ert, D. Effect of temperature on the position of the tie lines in liquid-phase separated materials in the $\text{BaO-B}_2\text{O}_3\text{-SiO}_2$ system 1-39327
- Averyanov, V.L., Kolomiets, B.T., Lyubin, V.M., Prikhod'ko, O.Yu. Modification of amorphous arsenic selenide 1-42781
- Averyanov, T.N., Bakumenko, V.L., Kurbatov, L.N., Tagaev, V.G., Chishkov, V.F. Investigation of InSe-GaSe heterojunctions formed by optical contact. II. Characteristics of junctions with an illuminated layer 1-42853
- Avesov, A.D., Vakhidov, S.A., Gasanov, E.M., Novozhilov, A.I., Samoilovich, M.I. Some radiation-optical properties of neutron irradiated fluorophlogopite 1-20274
- Avetikhov, V.G. *see* Poluboyarinov, D.N. 1-31390
- Avetisov, E.S. *see* Saulgois, Yu.Zh. 1-17453
- Avetisyan, A.E. *see* Avakyan, R.O. 1-45494
- Avetisyan, A.K. Interaction of charged particles with the field of a rotating magnetic dipole in the presence of electromagnetic radiation 1-44944
- Avetisyan, A.O., Goryachev, Yu.M., Kovens'ka, B.O., Yarmola, T.M. Electrophysical properties of alloys of chromium disilicide with higher manganese silicide 1-38800
- Avetisyan, G.G. *see* Aladzhadzhyan, G.M. 1-7043
- Avetisyan, V.Z., Kir'yan, V.V., Melik-Alverdyan, Yu.K., Tovmasyan, G.M. Photochemistry of some emission states of late types in the range 1.47-2.39 μm 1-22814
- Avezov, R.R. *see* Azimov, O. 1-13158
- Agierinos, N. *see* Loschke, K. 1-8031
- Avidon, D.A. *see* Gur'ev, A.V. 1-3986, 1-16998
- Avigal, Y., Banks, E. Conductivity of reduced solid solutions in the system $\text{Na}_2\text{O-Al}_2\text{O}_3\text{-TiO}_2$ 1-20732
- Avignand, D., Mansouri, I., Cousseins, J.-C. Measurements of ionic conductivity in TlF-ZrF_4 and TlF-HfF_4 systems 1-38580
- Avignone, F.T., Donnelly, T.W. A computer study of the experimental feasibility of observing the nuclear excitation of ^7Li by reactor antineutrinos 1-36921
- Avignone, F.T., Jeffreys, J.A. Empirical polynomials for computing gamma-ray interaction cross sections and coefficients in Ge and NaI(Tl) 1-37072
- Avignone, F.T., III A Monte Carlo code for predicting the response of a Ge-NaI(Tl) Compton suppression spectrometer 1-6074
- Avignone, F.T., III *see* Nettles, W.G. 1-10354
- Avila, R., Lagos, M. Dispersion relations of surface phonons from atomic scattering 1-47358
- Aviles, F.X. *see* Allan, J. 1-32093
- Avilez, C. CP violation in charged kaons 1-50422

- Avilez, C., Marx, G., Fuentes, B. Earth as a source of antineutrinos 1-54088
- Avilov, A.S., Semiletov, S.A. Electron-diffraction study of short-range order structure in thin layers of GeTe 1-20579
- Avilov, E.S. *see* Avrikosov, N.Kh. 1-16022, 1-42529, 1-42530, 1-47226
- Avis, C. *see* Soderblom, L. 1-36209
- Avis, C.C. *see* Jepsen, P.L. 1-36193
- Avishai, Y., Mizutani, T. Theory of π^- absorption on ^3He at threshold 1-18682
- Avishai, Y., Mizutani, T. Theory of coupled π -A-A systems 1-23685
- Avishai, Y., Mizutani, T. New approach to the theory of coupled π -NN-NN systems. III. A three body limit 1-50513
- Aviss, B.G.L. *see* Ranklin, J.E. 1-44052
- Avissar, J. *see* Baram, J. 1-12745
- Avitable, M.J. *see* Harrison, J.E. 1-32334
- Avksentyuk, B.P. Superheat of heat-exchange surface in first boiling crisis in free-convection conditions 1-15366
- Avni, R. *see* Gafri, O. 1-16214
- Avni, R. *see* Inspektor, A. 1-12000
- Avni, R. *see* Katz, M. 1-16213
- Avni, R. *see* Khait, Y.L. 1-12672
- Avni, Y., Goldman, I. A discussion of the eccentric binary hypothesis for transient X-ray sources. II. Gradual acceleration stellar wind model 1-13805
- Avoid, A. van der *see* van der Avoid, A.
- Avoid, A. van Der *see* van der Avoid, A.
- Avolio, A.P. Multi-branched model of the human arterial system 1-13273
- Avouris, B., Bethune, D.S., Lankard, J.R., Schell-Sorokin, A.J., Sorokin, P.P. Time-resolved infrared spectral photography 1-45039
- Avramenko, A.G. *see* Freik, D.M. 1-42689
- Avramenko, B.A. *see* Lucashenko, L.I. 1-34914
- Avramenko, D.S. *see* Bugai, N.V. 1-39391
- Avramenko, B.S. *see* Krivenyuk, V.V. 1-39388
- Avrett, E.H. *see* Machado, M.E. 1-44517
- Avrigeanu, M., Ivascu, M. Interaction of fusion neutrons. I 1-14696
- Avrigeanu, M., Ivascu, M. Interaction of fusion neutrons. II 1-14697
- Avrigeanu, M., Ivascu, M. Interaction of fusion neutrons. III 1-50602
- Avrigeanu, M. *see* Bucurescu, D. 1-41078
- Avron, J.E. The two-body Schrodinger Hamiltonian in homogeneous magnetic fields 1-5133
- Avron, J.E. Bender-Wu formulas for the Zeeman effect in hydrogen 1-51159
- Avrorin, E.N., Feoktistov, L.P., Shbarsov, L.I. Ignition criteria for pulsed thermonuclear targets 1-24975
- Avrorin, E.N., Zuev, A.I., Karlykhanov, N.G., Lykov, V.A., Chernyakov, V.E. Targets and laser arrangement parameters for ignition and hybrid reactors 1-18884
- Avrov, A.I., Glotov, E.P., Danilychev, V.A., Cherbukin, N.V. Pumping of electron-beam-controlled CO₂ lasers with maximum efficiency of the electron beam utilization 1-46290
- Avsenin, B.N. *see* Seliverstov, Yu.A. 1-27384
- Avtar, R. *see* Jain, G.C. 1-39486
- Avtar Singh *see* Gurdarshan Singh 1-33924
- Avtonomov, V.P., Bel'tyugov, V.N., Kamenev, N.N., Ochkov, V.N., Sobolev, N.N., Troitskii, Yu.V. Selection of CO₂ laser lines by a reflecting diffraction interferometer 1-33708
- Avundzhan, A.T., Akopyan, L.G., Antonyan, K.G., Dadalyan, A.G., Kazaryan, S.P., Kankanyan, S.A., Kocharyan, M.S., Oganesyan, A.G. To the calculation and optimization of XTR-detector parameters 1-37062
- Avyle, J.A. Van Den *see* Van Den Avyle, J.A.
- Awad, G.H., Abdel Halim, F.M., El Arabi, R.M. Behaviour of mild steel in Egyptian soil with special reference to particle size. I. Effect of differential aeration 1-39506
- Awad, G.H., El Arabi, R.M., Abdel Halim, F.M. Behaviour of mild steel in Egyptian soil with special reference to particle size. II. Effect of resistivity, water content and temperature differentials 1-39507
- Awad, G.L. *see* Dutt, T.L. 1-7021
- Awad, M., Farid, F., El-Sharkawi, E., Hegazy, M., Said, H. Breakdown voltage of the medium air-gaps under sandstorm or humidity condition in the desert 1-15582
- Awadalla, N.S., Budding, E. RY Cancrri is not a member of Praesepe 1-13814
- Awade, S.T. *see* Raja Rao, K.S. 1-27230
- Awaji, H. Macroscopic brittle fracture criterion under multiaxial stresses 1-41986
- Awaji, H. *see* Sato, S. 1-3891, 1-36999
- Awaka, J., Fujita, M., Ogawa, T., Sinno, K., Kan, M. ETS-II experiments. V. Effect of ionosphere 1-17726
- Awakuni, Y. *see* Moriya, T. 1-5307
- Awakura, Y., Majima, H., Kamei, S. A kinetic study of nonoxidative dissolution of galena in aqueous acid solution 1-11868
- Awatani, J. *see* Katagiri, K. 1-16890, 1-42388
- Awaya, K., Ikeda, H. Investigation on the edge phenomena of multilayer sound absorbing panels 1-33844
- Awazu, K. *see* Okada, T. 1-39450
- Awerbuch, J., Hahn, H.T. Crack-tip damage and fracture toughness of borisic/titanium composite 1-48464
- Awes, T.C. *see* Back, B.B. 1-14561, 1-45552
- Awode, M.R. *see* Kaulig, M.V. 1-20294
- Awschalom, M., Rosenberg, I. Conceptual design of beryllium targets for the generation of neutron beams for radiation therapy by the (p,n) reaction 1-8987
- Awschalom, M., Rosenberg, I. Characterization of a (p66)Be(49) neutron therapy beam. II. Skin sparing and dose transition effects 1-44011
- Awschalom, M., Rosenberg, I., Kuo, T.Y., Tom, J.L. The influence of target thickness and backstop material on proton-produced neutron beams for radiotherapy 1-8988
- Awschalom, M. *see* McDonald, J.C. 1-44007
- Awschalom, M. *see* Rosenberg, I. 1-40007
- Axe, J.D. Fluctuations and freezing in a one-dimensional liquid Hg₃AsF₆ 1-7304
- Axe, J.D., Iizumi, M., Shirane, G. Lattice dynamics of commensurate and incommensurate K₂SeO₄ 1-8017
- Axe, J.D. *see* Hirakawa, K. 1-52751
- Axe, J.D. *see* Majkrzak, R.R. 1-25429
- Axe, J.D. *see* Wainblood, R.W. 1-7297, 1-34991
- Axelrod, D. *see* Burghardt, T.P. 1-53746
- Axelrod, D. *see* Thompson, N.L. 1-53935
- Axford, R.A., Holm, D.D. Converging finite-strength shocks 1-51817
- Axford, W.J. *see* Hamilton, D.C. 1-17783
- AXNAS, I. Some necessary conditions for a critical velocity interaction between the ionospheric plasma and a xenon cloud 1-36101
- Axon, D.J. *see* Bailey, J. 1-36338
- Ay-Ju A. Wu Generalized diatomic-in-molecules theory. III. An accurate fit to the three-dimensional ab initio H₂ potential surface 1-45879
- Aya, I. *see* Nariai, H. 1-28562
- AYABE, M., Mori, Y., Watanabe, N. An anomaly in the relation of Hall coefficient to resistivity in n-type AlGa_{1-x}As 1-42794
- AYABE, M. *see* Kaneko, K. 1-43156
- AYACHE, C., Locatelli, M. Quantum oscillations effect on the lattice thermal conductivity of graphite under very high magnetic fields 1-16121
- AYACHE, C., Spain, I.L. Drift-diffusion contributions to the thermopower and Nernst-Ettingshausen coefficient of graphite 1-20783
- AYAI, N. *see* Hagihara, T. 1-2681
- AYAMA, M. *see* Ikeda, M. 1-13248
- AYANT, Y., Besson, R., Casalegno, R. Theoretical interpretation of the line shape obtained by dynamic polarisation in free radical solutions 1-12429
- Aydin, I., Buhler, H.-E. Continuation of the exchange of experiences in interference film metallography 1-43631
- Aydinoli, M. L-subshell ionisation cross sections of xenon by electron impact near threshold region 1-46131
- Ayers, D.L., Doering, O.C., Foster, G.H., Hogan, M.R. Development and testing of a heat pump for low-temperature grain drying 1-35687
- Ayers, J.D. Orientation relationships for twinned massive α precipitates in Cu-Zn and Ag-Zn 1-8308
- Ayers, J.D., Tucker, T.R. Particulate TiC hardened steel surfaces by laser melt injection 1-21588
- Ayers, J.D. *see* Tucker, T.R. 1-20268
- Ayers, R. *see* Dean *see* Dean Ayers, R.
- AYIK, S. Mean-field theory and statistical treatment of residual interactions 1-23578
- AYIK, S., Norenberg, W. Transport theory of dissipative heavy-ion collisions. II. Markov approximation in the limits of weak and strong coupling 1-721
- Ayllon, E.S. *see* de Meybaum, B.R. 1-16954
- Ayman Shibib, M. Inclusion of degeneracy in the analysis of heavily doped regions in silicon solar cells and other semiconductor devices 1-43772
- Aymar, M. *see* Crance, M. 1-10702
- Aymar, R., Claudet, G., Disdier, F., Hamelin, J., Libeyre, P., Mayaux, C., Meuris, C., Parain, J., Torossian, A. Test of a model coil of 'Tore Supra' 1-46909
- Aymar, R., Genevay, P., Palanque, S., Sagniez, A., Soubeyrand, J.P., Turck, B. A NbTi 10T 388 mm bore magnet working at 1.8K in pressurized superfluid helium 1-40822
- Aymar, R. *see* Auguères, J.L. 1-40791
- Aymerich-Humet, X., Serra-Mestres, F. On the oscillatory structure in MIM tunnel conductance 1-30839
- Aymonino, P.J. *see* Della Vedova, C.O. 1-31145
- Ayre, D.N. *see* Sproston, J.L. 1-4170
- Ayres, D.S. *see* Ambats, I. 1-1026
- Ayres, D.S. *see* Cohen, D. 1-33200
- Ayres, D.S. *see* Wicklund, A.B. 1-5644
- Ayres, T.R. Does H⁺ truly cool the solar chromosphere? 1-22764
- Ayres, T.R., Linsky, J.L. Outer atmospheres of cool stars. V. IUE observations of Capella: the rotation-activity connection 1-36275
- Ayres Neto, J.B. De M. *see* Sunak, H.R.D. 1-51624, 1-51626
- Ayroles, R. *see* Roucau, C. 1-38360
- Ayroles, R. *see* Torres, J. 1-20238
- Aysto, J., Cable, M.D., Parry, R.F., Wouters, J.M., Moltz, D.M., Cerny, J. Decays of the T_{1/2} = -2 nuclei ²⁰Mg, ²⁴Si, and ³⁶Ca 1-45414
- Aysto, J., Cerny, J. Current and future directions in the study of light nuclei employing an on-line mass separator 1-10316
- Aytac, S., Schlachetzki, A. Shallow and selective diffusion of zinc in indium phosphide 1-30482
- Ayukawa, M. *see* Sato, N. 1-32574
- Ayupov, B.M. *see* Danilovich, V.S. 1-30261
- Ayyaswamy, P.S. *see* Cohen, I.M. 1-34160
- Azab, M. El *see* El Azab, M.
- Azabel, M.Ya. One-dimensional resistance reduces to one-dimensional Ising partition function 1-25718
- Azamatova, F.I., Pet'kov, V.V., Polenov, A.V., Ustinov, A.I., Chuistov, K.V. Structural state of titanium alloys at high temperatures 1-35235
- Azarenkov, V.P. *see* Ezhovskii, A. 1-30427
- Azarenkov, V.P. *see* Tolkaichev, A.M. 1-30419
- Azarian, A., Kheloufi, K. Effect of phosphorus and boron on the equilibrium concentration of vacancies in 18-14 austenites 1-52172
- Azarm, A., McLagan, G., Hussein, A., Metwally, M. Assessment of diesel generator reliability in light-water reactors 1-50834
- Azaroff, L.V. *see* Cordts, B. 1-26307
- Azarov, Y.Yu., Nurmukhametov, R.N. Appearance of latent electronic transitions of molecules in the polarization spectra of oriented polymer films 1-33495
- Azbel, M.Y. Residual resistance, quantum scattering and free energy 1-12083
- Azbel, M.Ya. Helix-coil transition in DNA: thermodynamics, kinetics and DNA sequencing 1-39875
- Azbel, M.Ya. Localization in thin wires 1-47527
- Azbel, M.Ya. Quantum 6-dimensional Landauer formula 1-52538
- Azbukin, V.G., Krutsan, A.M., Melekhov, R.K., Pavlov, V.N., Zima, M.N. The influence of polarization on the tendency of 07Kh16N4B steel toward corrosion cracking in chloride solutions 1-35442
- Azbukin, V.G. *see* Melekhov, R.K. 1-31750
- Azcarraga, J.A. *see* de Azcarraga, J.A.
- Azcoiti, V., Alonso, J.L. Is the x-1 behavior of the deep-inelastic structure functions in the Bjorken limit sensitive to the confinement mechanism? 1-14330
- Azcoiti, V. *see* Alonso, J.L. 1-10278
- Azechi, H., Oda, S., Hamano, M., Sasaki, T., Yamanaka, T., Yamanaka, C. Multifrequency X-ray backlighting of laser-imploded targets 1-38142
- Azema, A., Botineau, J., Gires, F., Saissy, A. High-efficiency generation of 2nd harmonic in-plane waveguides 1-19387
- Azmoon, T. *see* Berger, C. 1-5636, 1-10209
- Azmoon, T. *see* Berger, Ch. 1-14404, 1-50412
- Azharonov, V.V., Gubkevich, V.A., Shimanovich, V.D. Experimental determination of the emission coefficients in axisymmetric inhomogeneously optically thick plasmas 1-2166
- Azhazha, V.M., Bilovol, V.S., Berdnik, O.P., Ridkoshka, O.P., Svinarenko, O.P., Tikhinskii, G.F., Finkel, V.O. Production of superconducting Nb₃Al compound films by the method of plasma-arc spraying 1-31352
- Azhdarov, G.Kh., Ganiev, A.S., Shaktakhtinskii, M.G. Activation energy of the upper donor level of selenium in germanium-silicon solid solutions 1-47531
- Azimi-Garankani, D., Shahbazi, M., Latifi, G. A new automatic spark counting system 1-51050
- Azimov, K.Sh. *see* Begzhanov, R.B. 1-23604
- Azimov, O., Avezov, R.R. Allowing for climate characteristics in development and design of solar heating systems 1-13158
- Azimov, S.A., Angelov, N., Inogamov, Sh.V., Kosonovskii, E.A., Lipin, V.D., Lutpallaev, S.L., Nikitina, V.F., Olimov, K., Turdaliev, K.T., Yuldashev, A.A., Yuldashev, B.S. Multiple particle production in π^- C interactions at 4 GeV/c 1-36888
- Azimov, S.A., Chernov, G.M., Gulamov, K.G., Navotny, V.S., Petrov, V.I. Inclusive two- and three-particle rapidity correlations in high-energy hadron-nucleus collisions 1-50473
- Azimov, S.A., Gulamov, Sh.A., Katulevskii, Yu.A., Muminov, R.A. The development of an electromotive force in a semiconductor placed in an inhomogeneous magnetic field 1-20735
- Azimov, S.A., Inogamov, Sh.V., Kosonovskii, E.A., Lipin, V.D., Lutpallaev, S.L., Olimov, K., Turdaliev, K.T., Usmanov, T.M., Uldashev, A.A., Uldashev, B.S. Cross sections and multiplicity of secondary particles in pNc interactions at 300 GeV/c 1-36954
- Azimov, S.A., Katulevskii, Yu.A., Muminov, R.A., Rakhimova, A.G. Spatial distribution of a highly degenerate electron-hole plasma in the base of a heterostructure 1-20789

- Azimov, S.A., Katulevskii, Yu.A., Muminov, R.A., Rakhimova, A.G. Current-voltage characteristics of a heterojunction rectifier at very high carrier injection rates 1-34785
- Azimov, S.A. see Abdrakhmanov, E.O. 1-722
- Azimov, Yu.I., Iogansen, A.A. Difference between decay partial widths of charmed particles and antiparticles 1-45273
- Azimov, Yu.I., Khoze, V.A. Expected properties and manifestations of superheavy leptons 1-45279
- Aziz, A. Steady periodic heat transfer in radiating and convecting fins 1-29699
- Aziz, A., Jaleel, A., Hancef, M. Perturbation methods in heat conduction 1-6745
- Aziz, A.W. see Mongy, M. 1-43716
- Aziz, E.S. see Rangan, A. 1-37852
- Aziz, M.A. see Ramaswamy, S.D. 1-35416
- Aziz, N.E. Abdel see Abdel Aziz, N.E.
- Aziz, R.A. see Yoshihara, A. 1-6266
- Aziz, T., Ahmad, A., Zafar, M., Irfan, M., Shafi, M. Mean charged multiplicities in high energy hadron-nucleus collisions 1-10264
- Azizian, S.L. see Afanas'ev, A.M. 1-34187
- Azizov, B.M. see Nabiev, M.A. 1-3219
- Azizov, E.A., Bazilevskii, V.P., Kareev, U.A., Kochurov, I.V. On efficiency of two-step energy transformation in a system with inductive storage for MCG magnetic field production 1-34111
- Azizov, T.Kh. see Abasov, S.A. 1-26124
- Azman, A. see Borstnik, B. 1-34545
- Azman, A. see Kertesz, M. 1-7537, 1-19225
- Azoel, P. see Etcheber, H. 1-27207
- Azorin, J., Salvi, R., Moreno, A. Improvement in the preparation of $\text{CaSO}_4\text{:Dy}$ as a TL dosimeter 1-960
- Azorin, J. see Espinosa, G. 1-3513
- Azou, P. see Wenger, F. 1-39508
- Azoubib, J. see Guinot, B. 1-36605
- Azouit, M., Vernin, J., Barletti, R., Ceppatelli, G., Righini, A., Speroni, N. Remote sensing of atmospheric turbulence by means of a fast optical method: a comparison with simultaneous *in situ* measurements 1-44325
- Azoulay, J. see Ley, L. 1-8188
- Azorskii, Yu.S., Lavrent'ev, O.A., Maslov, V.A., Novikov, M.N., Nozdachev, M.G. "Yupiter-1M" electromagnetic trap 1-2224
- Azotsev, V.P., Golsnoi, O.V., Evtkikh, N.N., Zakharov, V.P., Kukhtevich, V.I., Snezhko, Yu.A., Chuiko, V.A. Use of a laser interferometer in the measurements of quartz resonator parameters 1-32960
- Azoyan, S.E., Egorov, L.P., Zatulovskii, L.M., Kopetskii, Ch.V., Kostandyan, K.A., Kravetskii, D.Y., Pel'ts, B.B., Red'kin, B.S., Tatarchenko, V.A., Tumasyan, B.A., Chaikin, P.M., Yalovets, T.N. Production of sapphire tubes from the melt by the Stepanov method: their properties and application in the manufacture of high-pressure sodium lamps 1-31332
- Azuels, G. see Navon, I. 1-5801
- Azuma, M. Energy bands for solid argon 1-34620
- Azuma, R.E., Bjornstad, T., Gustafsson, H.A., Hansen, P.G., Jonson, B., Mattsson, S., Nyman, G., Poskanzer, A.M., Ravn, H.L. Beta-delayed three-neutron radioactivity of ^{11}Li . The ISOLDE collaboration 1-14498
- Azuma, R.E. see Wiescher, M. 1-18617
- Azuma, T. see Nariai, H. 1-36442
- Azuma, T. see Sato, T. 1-29491
- Azuma, Y., Suehiro, K. Formation of amorphous silica by grinding of quartz and its measuring methods 1-12705
- Azumi, M., Kurita, G., Matsuura, T., Takeda, T., Tanaka, Y., Tsunematsu, T. A fluid model numerical code system for Tokamak fusion research 1-6939
- Azumi, M. see Odajima, K. 1-11573
- Azumi, M. see Seki, Y. 1-11587
- Azzam, E.I. see Raaphorst, G.P. 1-39967, 1-39974
- Azzam, R.M.A. Determination of the optic axis and optical properties of absorbing uniaxial crystals by reflection perpendicular-incidence ellipsometry on wedge samples 1-5360
- Azzam, R.M.A. Mapping of Fresnel's interface reflection coefficients between normal and oblique incidence: results for the parallel and perpendicular polarizations at several angles of incidence 1-6448
- Azzola, M. see Orifiammi, L. 1-50717
- Azzoni, P., Benzi, V., Salomoni, A., Chiodi, P.L., Giuliani, C., Marvasi, R., Guardini, S., Tassan, S. Measurements of structural material capture to uranium-235 fission rate ratios in an intermediate spectrum assembly 1-777
- Azzopardi, M. see Maeder, A. 1-13847
- B. Kim Young see Young B. Kim
- B. Santos, V. Ruas see Ruas B. Santos, V.
- Ba An Nguyen see Nguyen Ba An
- Ba Cuong Nguyen see Bonsang, B. 1-40173
- Ba Sidi, M. Ait see Ait Ba Sidi, M.
- Baacke, J., Kasperidus, G. An alternative approach to heavy quark bags 1-5583
- Baaklini, N.S. Supersymmetric exceptional gauge unification 1-23468
- Baan, M.K. see Roos, A. 1-35472
- Baan, W.A. Fluid jets in radio sources 1-9698
- Baan, W.A., Haschick, A.D. Neutral-hydrogen absorption in the radio galaxy 3C 293 1-54620
- Baan, W.A. see Haschick, A.D. 1-9699
- Baars, J.W.M. see Genzel, R. 1-9597
- Baarschers, W.H. see Desando, M.A. 1-7057
- Baart, E.E., de Jager, G., Mountfort, P.I. A 2.3 GHz radio continuum map of the upper Scorpio region [sic] 1-27568
- Baas, J.M.A. see Bovee, W.M.M.J. 1-24171
- Baatat, T. see Abdrakhmanov, E.O. 1-722
- Baatat, T.S., Gasparyan, A.P., Gafurov, G.G., Grigalashvili, N.S., Korchagin, S.A., Mekhtiev, R.R., Cheplakov, A.P. Multiplicity of π^- mesons in inelastic interactions of protons with nuclei of C and Ta in the momentum interval 2-10 GeV/c 1-18655
- Baath, L.B., Ronnang, B.O., Pauliny-Toth, I.I.K., Kellermann, K.I., Preuss, E., Witzel, A., Matveenko, L.I., Kogan, L.R., Kostenko, V.I., Moiseev, I.G., Shaffer, D.B. High-resolution observations of the QSO 3C 345 at 1.3 centimeters 1-54655
- Baatz, H. see Dierkes, P. 1-14648
- Baba, C.V.K. see Datar, V.M. 1-5743
- Baba, C.V.K. see Rao, V.K. 1-53511
- Baba, E. see De Marchi, A. 1-46404
- Baba, H. see Itoh, T. 1-6304
- Baba, K. see Fukushima, M. 1-45770
- Baba, K. see Terada, S. 1-14415
- Baba, M., Shimoda, K. Observation of Ramsey resonance absorption in three separated laser fields produced by a corner reflector 1-37555
- Baba, N., Kanaya, K. Correction of the distorted electron beam spot deflected by electrostatic crossed deflection fields 1-33078
- Baba, N. see Oikawa, T. 1-40905
- Baba, N. see Yamamoto, Y. 1-43164
- Baba, S., Jun Ming Zhou, Kinbara, A. Superstructures and growth properties of indium deposits on silicon (111) surfaces with its influence on surface electrical conduction 1-16208
- Baba, S. see Kinbara, A. 1-12784
- Baba, S. see Zhou, J.M. 1-30583
- Baba, T., Ikeda, K. Fluctuation of polarized light in cooperative spontaneous emission 1-37446
- Baba, T. see Hasegawa, H. 1-9933
- Baba, T. see Segawa, Y. 1-47501
- Baba, Y., Komazawa, T., Kato, T. Quantitative diagnosis of arrhythmia by the serial scatter diagrams of RR-interval 1-35900
- Babadzhanov, P.B., Getman, V.S., Zolova, O.F., Konovalova, N.A. Spectral meteor observations by the method of instantaneous exposure 1-4831
- Babaei Brojany, A.A. Surface barrier effects in extreme type II superconductors 1-42931
- Babaei, A.E. Deformation of a spherical shell containing a nonstationary wave source of variable parameters 1-19563
- Babaei, A.E., Kubenko, V.D., Kurbakov, V.G. Deformation of a laminated spherical shell under the action of a weak shock wave 1-24738
- Babaei, M.M., Gasyimov, T.M. Hot-electron thermoelectric power and thermomagnetic effects in Kane semiconductors in the case of electron drag by phonons 1-20784
- Babaei, S.S. see Allakhverdiev, K.R. 1-8073
- Babaei, S.S. see Vinogradov, E.A. 1-3417
- Babaei, Yu.N. see Alekov, V.K. 1-19302, 1-20788, 1-24373
- Babaei, Z.R. Production of hard photons in pp collisions and possibilities of testing QCD processes 1-18508
- Babaeyskii, A.N. see Kantorovich, I.I. 1-13011
- Babamov, V.K., Marcus, R.A. Dynamics of hydrogen atom and proton transfer reactions. Symmetric case 1-53411
- Babanin, V.I., Bakaleinikov, L.A., Busygin, E.P., Grigor'yants, V.G., Ender, A.Ya. Effect of a magnetic field on reabsorption of radiation emitted by a low-density plasma 1-24980
- Babanin, V.I., Ender, A.Ya. Condition for discharge ignition in a locally ionized diode 1-25092
- Babanin, V.I., Kolyshkin, I.N., Kuznetsov, V.I., Mustafae, A.S., Sitnov, V.I., Ender, A.Ya. Velocity distribution of electrons emitted by a multicavity cathode in the Knudsen regime 1-26357
- Babanly, M.B. see Abishov, V.T. 1-31433
- Babaqi, A.S. see Barfield, M. 1-41314
- Babat, E.G., Beregovoi, N.A., Bush, A.V. Individual computer with graphic input-output applied to biophysical investigations 1-49165
- Babayana, A.Z., Tumanyan, A.R. A system for the automatic determination of the tracks of charged particles in a magnetic field 1-37036
- Babchenko, B.P. see Kvasha, A.N. 1-16821
- Babcock, C.D., Jr. see El Raheb, M. 1-51714
- Babcock, J.B., Cutkosky, R.E. Identification of jets 1-23483
- Babcock, W.C., Baker, R.W., Lachapelle, E.D., Smith, K.L. Coupled transport membranes. II. The mechanism of uranium transport with a tertiary amine 1-21775
- Babcock, W.C., Baker, R.W., Lachapelle, E.D., Smith, K.L. Coupled transport membranes. III. The rate-limiting step in uranium transport with a tertiary amine 1-21776
- Babei, Y.I., Gurevich, M.E., Doktorovich, E.L., Malyshevskii, P.P., Sysoev, V.G., L'chenko, V.M. Mass transfer of iron atoms during electrohydrodynamic pulse treatment 1-2673
- Babei, Yu.I., Maksimishin, M.D., Chaikovskii, B.P. Effect of friction hardening treatment on the contact fatigue of cutter steel 1-26679
- Babei, Yu.I. see Didoshak, V.N. 1-35376
- Babei, Yu.I. see Naerman, M.S. 1-53300
- Babei, Yu.I. see Sysoev, V.G. 1-35439
- Babeiko, Yu.A. see Artem'ev, A.Yu. 1-46311
- Babenko, K.I., Yur'ev, S.P. Shape of the surface of a capillary liquid in a vertical cylinder of arbitrary cross section 1-25534
- Babenko, K.I. see Afendikov, A.L. 1-29782
- Babenko, V.A., Dyadyushka, G.G., Kudinova, M.A., Malyshev, V.I., Slominskii, Yu.L., Sychev, A.A., Tolmachev, A.I. New compounds for passive switches used in near infrared lasers 1-51500
- Babenko, V.A., Galushko, N.P., Zalyubovskii, I.I., Karas', V.I., Kononenko, S.I., Moiseev, S.S., Muratov, V.I. Experimental testing of the realizability of nonequilibrium power-law distributions of electrons in metals 1-43233
- Babenko, V.I. On critical loads for evolving shells at pressure linearly changing above the generatrices 1-29565
- Babenko, V.P., Pankov, V.L., Tychinskii, V.P. Interferometer for observing slow processes of deformation and relaxation in materials 1-16991
- Babenko, V.V., Vishnevskii, I.N., Zheltonozhskii, V.A., Svyatov, V.P., Sergeev, A.G., Trishin, V.V. Investigation of the decay of ^{106m}Rh and ^{106m}Ag 1-667
- Babentsov, V.N., Gorodetskii, I.Ya., Korsunskaya, N.E., Shablii, I.Ya., Sheinkman, N.K. The formation of intrinsic lattice defects under low temperature momentary annealing of CdS single crystals 1-21274
- Babenzien, C. see Schreiter, W. 1-28728
- Baber, S.C. Net and total shallow impurity analysis of silicon by low temperature Fourier transform infrared spectroscopy 1-12536
- Baberschké, K., Tsang, E. ESR study of the Kondo effect in Au:Yb 1-12261
- Babeshkin, A.M., Lebedev, R.A. Compound for calibration of ^{121}Sb Mossbauer spectra 1-997
- Babey, Yu.I., Gurey, V.M., Drachinskaya, A.G., Andryushchenko, V.A. Influence of friction-strengthening treatment on steel and cast iron structure phase composition and wear resistance 1-48521
- Babic, B., Kajzar, F., Parette, G. Magnetic properties and magnetic interactions in chromium-rich Cr-Fe alloys 1-30981
- Babic, D.S. see Kurepa, M.V. 1-33570
- Babic, E., Ocko, M., Marohnic, Z., Schaafsma, A.S., Vincze, I. Magnetic resistivity of $\text{Fe}_{1-x}\text{Ni}_x\text{P}_{1-y}\text{As}_y$ alloys 1-30697
- Babic, E. see Hamzic, A. 1-25705
- Babich, V.K. see Kondratenko, V.M. 1-26685
- Babich, V.M. see Baranskii, P.I. 1-38798
- Babich, Yu.N. Three-dimensional wave processes in composite hollow cylinders interacting with the environment 1-41980
- Babichenko, V.S., Keldysh, L.V., Silin, A.P. Coulomb interaction in thin semiconductor and semimetal filaments 1-20648
- Babichenko, V.S. see Agranovich, V.M. 1-25647
- Babichev, L.P. see Sidokhin, A.F. 1-7872
- Babievskaya, I.Z. see Peshev, P. 1-31897
- Babii, V.I. see Titov, S.P. 1-31978
- Babik, M. Interaction of surface-bound positrons with the quantised helium modes 1-52527
- Babiker, M. Enhanced light scattering by adsorbates—effects of the surface plasmon dispersion relation 1-52963
- Babikova, Yu.F., Kolpakov, N.S., Nilov, K.E., Uspenskii, M.N. System for moving a Mossbauer source based on integrated circuits 1-45093
- Babikova, Yu.F. see Artem'ev, N.A. 1-12264
- Babin, A.A., Belyaev, Yu.N., Verevkin, Yu.K., Freidman, G.I. Parametric oscillator with pumping by train of sub-nanosecond pulses 1-1633
- Babin, A.A., Belyaev, Yu.N., Verevkin, Yu.K., Freidman, G.I., Shchelokov, A.N. Generator of sub-nanosecond pulses of coherent radiation, tunable in middle and far infrared regions 1-1634
- Babin, A.N. On the size and brightness of moustaches 1-17805
- Babin, P.N. see Akishev, A.Kh. 1-31468
- Babinet, R. see Guerreau, D. 1-45419

- Babini, G.N., Bellosi, A., Vincenzini, P. Hot pressing of silicon nitride with ceria additions 1-48307
- Babitskaya, A.N., Natapov, B.S., Porada, I.L. Structural transformations in ferritic stainless steels stabilized with titanium 1-48390
- Babkin, A.V. see Keshishev, K.O. 1-52388
- Babkin, G.I., Klyatskin, V.I. Theory of propagation of waves in nonlinear inhomogeneous media 1-11042
- Babkin, G.I., Klyatskin, V.I. Analysis of the Dyson equation for stochastic integral equations 1-14070
- Babkin, G.I., Klyatskin, V.I. Wave intensity fluctuations in a one-dimensional randomly inhomogeneous medium. III. Absorption effects and transport equations 1-33603
- Babkin, G.I., Klyatskin, V.I., Lyubavin, L.Ya. Theory of invariant imbedding and waves in statistically nonuniform media 1-18050
- Babkin, G.I., Klyatskin, V.I., Shevtsov, B.M. The geometrical approximation in statistical wave theory 1-36504
- Babkina, T.V., Bagaev, S.A., Beskorskaya, M.A., Grigor'yants, V.V., Zhabotinskii, M.E., Ivanov, G.A., Koreneva, N.A., Sattarov, D.K., Smirnov, V.B., Shreiber, S.V., Freivert, K.M. Investigation of pulse broadening in Gram optical fibers 1-6671
- Babkina, T.V. see Akat'ev, Yu.N. 1-1714
- Babonas, G. see Antonov, V.B. 1-16583
- Babonas, G. see Karpus, V. 1-21164
- Babot, D., Chevreton, M. Study of the magnetoresistance of the ferromagnetic compounds Cr_2Se_4 , Te , ($x=2.5$ and 3) 1-38797
- Babu, H.V.R. see Rao, D.A. 1-32345
- Babu, H.V.Ram see Ram Babu, H.V.
- Babu, K.Sai see Sai Babu, K.
- Babu, N.Chowdary see Chowdary Babu, N.
- Babu, R.P. see Murty, K.N. 1-670
- Babu, S.P. see Singh, S.P. 1-17147
- Babu, S.V. see Ramamohana Rao, P. 1-51276
- Babu, V.Hari see Hari Babu, V.
- Babu, V.Ramesh see Ramesh Babu, V.
- Babuel-Peyrissac, J.P. Excimer lasers and inertial confinement fusion 1-10520
- Babuel-Peyrissac, J.P., Roche, M. Use of relativistic electron beams (REB) for compressing the matter 1-30326
- Babulanam, S.M., Ibrahim, M., Ahmed, S. AC conduction in metal/ CaF_2 /metal thin film structures 1-47758
- Babuskin, A.N. see Cherepanov, V.I. 1-30335
- Babuskin, A.V. see Shotov, A.P. 1-33689
- Babusiaux, D. Energy modeling and aggregation of refining 1-39713
- Babuska, I., Rheinboldt, W.C. Reliable error estimation and mesh adaptation for the finite element method 1-24671
- Baby, J.P. see Olive, J. 1-28566
- Baca, W. see Huguenschmidt, M. 1-38147
- Bacal, M., Bruneteau, A.M., Nachman, M. Electron collection radius of an electrostatic probe immersed in a low-pressure plasma 1-29911
- Bacal, M., Bruneteau, A.M., Nachman, M. Electron collection radius of an electrostatic probe immersed in a low-pressure plasma 1-38143
- Bacastow, R.B., Adams, J.A., Keeling, C.D., Moss, D.J., Whorf, T.P., Wong, C.S. Atmospheric carbon dioxide, the southern oscillation, and the weak 1975 El Nino 1-54207
- Bacchiocchi, G. see Albini, E. 1-23999
- Bacci, C., De Zorzi, G., Penso, G., Stella, B., Baldini-Celio, R., Battistoni, G., Capon, G., Del Fabbro, R., Iarocci, E., Murtas, G.P., Spinetti, M., Trasatti, L. Measurement of the $e^+e^- \rightarrow \pi^+\pi^-\pi^+\pi^-$ cross section in the $\rho(1600)$ energy region 1-575
- Bacci, C., Furetta, C., Vasanelli, L. Medical applications of cadmium telluride gamma radiation detectors 1-53856
- Bacci, D. see De Crescenzi, M. 1-31232
- Bacci, D. see Verdini, L. 1-8338
- Bacci, L. see Blitschau, J. 1-10190
- Bacci, M. Static distortions induced by the Jahn-Teller effect in tetrahedral tetrachlorocuprates (II). A treatment based on the angular overlap model 1-20675
- Bacci, M., Fabeni, P., Mugnai, D., Pazzi, G.P., Ranfagni, A. Luminescence investigations on inorganic crystal phosphors 1-8122
- Bacci, P. see Bonino, G. 1-32508
- Bacci, P. see Borgese, D. 1-35735
- Bace, M., Pham, X.Y. Selection rules for charmed meson decays and how to find the F meson 1-28314
- Bach, A. Aspects of a representation of quantum theory in terms of classical probability theory by means of integration in Hilbert space 1-27812
- Bach, F. Measuring inductance with a frequency counter 1-44951
- Bach, H. see Ford, P.J. 1-2584
- Bach, H. see Westerholt, K. 1-7768, 1-20679
- Bach, P. Improvement of the room-temperature behavior of metal tritides with respect to ^3He release: Titanium 1-8602
- Bach, W. Fossil fuel resources and their impacts on environment and climate 1-43748
- Bachalo, W.D., Hess, C.F., Hartwell, C.A. An instrument for spray droplet size and velocity measurements 1-33049
- Bacharnikov, V.I. see Petrov, A.V. 1-20804
- Bache, R.A., Gray, W.M., Murray-Smith, D.J. Time-domain system identification applied to noninvasive estimation of cardiopulmonary quantities 1-43887
- Bachelier, D., Boyard, J.L., Hennino, T., Jourdain, J.C., Radvanyi, P., Roy-Stephan, M. Angular momentum selection rule and the $^9\text{Be}(\pi^+, p)^9\text{Be}$ reaction at 50 MeV 1-23688
- Bachelierie, A., Legros, P. Low temperature variation of the dielectric constant of the amorphous glycerol at 9.15 GHz 1-21104
- Bacher, A.D., Emery, G.T., Jones, W.P., Miller, D.W., Adams, G.S., Petrovich, F., Love, W.G. Excitation of high-spin unnatural parity states in ^{208}Pb from the (p,p') reaction at 135 MeV 1-23542
- Bacher, A.D. see Bertrand, F.E. 1-14502
- Bacher, A.D. see Kelly, J. 1-28388
- Bacher, A.D. see Nadasen, A. 1-45507
- Bacher, P., Gery, A., Capel, R. How electricite de France has addressed post-TMI problems 1-45705
- Bachet, G. see Moynault, J.M. 1-24193
- Bachet, G. see Moynault, J.M. 1-51245
- Bachet, G. see Occelli, R. 1-10786
- Bachheimer, J.P. An anomaly in the β phase near the α - β transition of quartz 1-25244
- Bachiri, M., Moutier, G., Carlier, P., Dubois, J.E. Quantitative evaluation of substituent effects on ionization potentials of aliphatic monofunctional compounds 1-29143
- Bachler, V., Olbrich, G. SCF-perturbational analysis of the trans lone pair effect in methylamine and methanol 1-51131
- Bachmaga, L.V. see Kuritnyk, I.P. 1-18229
- Bachmair, H., Vollmert, R. Comparison of admittances by means of a digital double-sine-wave generator 1-36686
- Bachmann, K. see Hanson, R.C. 1-42465
- Bachmann, C., Demuyck, J., Veillard, A. Structure and electronic properties of copper clusters—an ab initio LCAO-MO-SCF study 1-41304
- Bachmann, K. see von Dinkelake, R.-D. 1-26788
- Bachmann, K.J. see Gleiter, H. 1-20210
- Bachmann, M., Gordon, W.L., Weinhold, S., Lando, J.B. The crystal structure of phase IV of poly(vinylidene fluoride) 1-11739
- Bachmann, M.A., Gordon, W.L., Weinhold, S., Lando, J.B. The crystal structure of phase IV of poly(vinylidene fluoride) 1-38293
- Bachmann, P. see Sabadil, H. 1-34134
- Bachrach, R.Z. Semiconductor surface and crystal physics studied by MBE 1-2848
- Bachrach, R.Z. see Bauer, R.S. 1-38674
- Bachrach, R.Z. see Brillson, L.J. 1-16103
- Bachrach, R.Z. see Hansson, G.V. 1-8195, 1-52619
- Bachurin, A.F., Dvorjashin, A.S., Erjushev, N.N., Tsvetkov, L.I. On a change of diameter of radio image of the Sun at short centimeter wavelengths 1-17810
- Bachurin, A.F., Dvorjashin, A.S., Eryushev, N.N., Tsvetkov, L.I. Polarized radio emission from a proton region on the Sun observed on 4 July 1974 at wavelengths of 1.9, 2.5, and 3.5 cm 1-32686
- Bacigalupi, L.S. see Rosencaiga, A. 1-33729
- Bacis, R., Broyer, M., Churassy, S., Verges, J., Vigue, J. eQ measurements in the X, I_2 , O_2^+ and B state of I_2 : a test of the electronic molecular eigenfunctions 1-6227
- Bacis, R. see Pique, J.P. 1-51311
- Baciu, G. see Alexandru, H.V. 1-34343
- Back, B.B., Betts, R.R., Henning, W., Wolf, K.L., Mignerey, A.C., Lebowitz, J.M. Target deformation effects at large angular momenta in heavy-ion fusion reactions 1-718
- Back, B.B., Shottar, A.C., Symons, T.J.M., Bice, A., Gelbke, C.K., Aves, T.C., Scott, D.K. Fission of ^{238}U induced by inelastic scattering of 120 MeV α particles 1-45552
- Back, B.B., Wolf, K.L., Mignerey, A.C., Gelbke, C.K., Aves, T.C., Breuer, H., Viola, V.E., Jr., Dyer, P. Correlated fission fragments emitted in the reaction of ^{16}O on ^{238}U at 20 MeV/nucleon 1-14561
- Back, B.B. see Betts, R.R. 1-36958
- Back, H. see Eckart Exner, H. 1-31798
- Backe, H. see Daly, P.J. 1-23550
- Backenstoss, G., Kowald, W., Schwanner, I., Tauscher, L., Weyer, H.J., Gotta, D., Guigas, R. Precision determination of the difference of the charge radii of ^{16}O and ^{18}O 1-5685
- Backenstoss, G. see Abela, R. 1-5628
- Backenstoss, G. see Izycki, M. 1-1419, 1-1420
- Backenstoss, G. see Schwanner, I. 1-15041
- Backer, A. see Berger, C. 1-5636, 1-10209
- Backer, A. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Background Radiation Res. Group. See High Background Radiation Res. Group
- Backhouse, N. Some examples of non-polynomial invariants of Lie superalgebras 1-5525
- Backlin, A., Jonsson, N.G., Julin, R., Kantele, J., Luontama, M., Passoja, A., Poikolainen, T. 0^+ states and E0 and E2 transition rates in even Sn nuclei 1-33211
- Backman, S.-O., Brown, G.E., Klemm, V., Speth, J. Pauli principle sum rule and consistency relations for phenomenologically adjusted Fermi liquid parameters 1-654
- Backovic, S. see Abdrhmanov, E.O. 1-722
- Backstrom, G. see Brydsten, U. 1-30498
- Backstrom, G. see Rao, K.V. 1-7587
- Backstrom, G. see Sandberg, O. 1-42588
- Backus, P.R. see Ferguson, D.C. 1-49700
- Bacmann, J.-J., Silvestre, G., Petit, M., Bollmann, W. Partial secondary dislocations in germanium grain boundaries. I. Periodic network in a $\Sigma=5$ coincidence boundary 1-42396
- Bacmann, J.-J. see Bollmann, W. 1-42397
- Bacmann, M., Wolfers, P. Helimagnetic structure of NaMnCrF_6 1-20959
- Bacmann, M. see Fruchart, D. 1-15866
- Bacon, F. Applications of molecular information from Auger electron spectroscopy 1-21829
- Bacon, F. see Wang, K.L. 1-38398
- Bacon, G.E., Bacon, P.J., Griffiths, R.K. Orientation of apatite crystals in relation to muscle attachment in the mandible 1-17337
- Bacon, P.J. see Bacon, G.E. 1-17337
- Bacon, T.C. see Cameron, W. 1-36880
- Bacri, J., Medani, A. Electron diatomic molecule weighted total cross section calculation. I. Principles for calculation 1-1395
- Bacri, J., Medani, A. Electron diatomic molecule weighted total cross section calculation. II. Application to the nitrogen molecule 1-1396
- Bacskay, G.B. see John, I.G. 1-6265
- Bacz, J. see Szyper, M. 1-27910
- Baczynski, Z.F. On modelling the dynamics of elastic layered bodies 1-1834
- Badalyan, N.B. see Vlyov, Ts. 1-45422
- Badalyan, V.G. Influence of ultrasonics on transient creep of copper 1-12791
- Badanin, V.I., Nikolaev, V.A. Effect of alloying elements on radiation brittleness of quenched and tempered ferritic-pearlitic steel 1-3908
- Badatya, R.C., Patnaik, P.K. High energy proton-proton cross-section and Froissart bound 1-28350
- Badawi, M.H. see Sadana, D.K. 1-11779
- Badawy, Y.K.M. see Hamza, A.A. 1-35000
- Badcock, D. see Lovegrove, W.J. 1-53793
- Baddley, H. see Speed, M.A. 1-8976
- Badding, V.G., Durney, L.J. A kinetic method for analysis of cyanide ion in electroplating effluents 1-4137
- Baddour, R.E. see Hunt, J.N. 1-42061
- Bader, B. see Butler, W. 1-2528
- Bader, B. see Heitjans, P. 1-31054
- Bader, G., Lepine, Y. A two-particle model for the ground state energy of the polaron 1-42704
- Bader, M.G., Bailey, J.E., Curtis, P.T., Parvizi, A. The mechanisms of initiation and development of damage in multi-axis fibre-reinforced plastics laminates 1-48454
- Bader, M.G. see Manders, P.W. 1-48456
- Bader, R.F.W. Quantum topology of molecular charge distributions. III. The mechanics of an atom in a molecule 1-6124
- Bader, S.D. LEED Debye-Waller analysis of vibrational hybridization for $\text{p}(2\times 2)\text{-O}/\text{Pd}(100)$ 1-16165
- Bader, S.D. see Richter, L. 1-12630
- Bader, T.R. Coherent hybrid optical processors 1-51402
- Badertscher, G. see Salathe, R.P. 1-21285
- Badgett, C.E. see Diebold, A. 1-31955
- Badham, V.C. see Larsen, E.W. 1-121
- Badia, M. see Sheasby, P.G. 1-21641
- Badiali, J.P., Bosio, L., Cortes, R., Bondot, P., Loupias, G., Petiau, J. EXAFS study of liquid and solid gallium. Temperature and anisotropy effects 1-31231
- Badiali, J.P. see Amokrane, S. 1-30526
- Badiali, J.P. see Regnaud, C. 1-25150
- Badier, J., Boucrot, J., Bourotte, J., Burgun, G., Callot, O., Charpentier, P., Crozon, M., Decamp, D., Delapierre, P., Diop, A., Dube, R., Espigat, P., Gandois, B., Hagelberg, R., Hansroul, M., Karyotakis, Y., Kienzie, W., Lafontaine, A., Le Du, P., Lefrancois, J., Leray, T., Maillard, J., Matthiae, G., Micheline, A., Mine, P., Rahal, G., Runolfsson, O., Siegrist, P., Tilquin, A., Timmermans, J., Valentin, J., Vanderhagen, R., Weisz, S. Experimental determination of the antiproton structure function by the Drell-Yan mechanism 1-14430
- Badier, J., Boucrot, J., Burgun, G., Callot, O., Charpentier, P., Crozon, M., Decamp, D., Delapierre, P., Diop, A., Dube, R., Gandois, B., Hagelberg, R., Hansroul, M., Kienzie, W., Lafontaine, A., Le Du, P., Lefrancois, J., Leray, T., Matthiae, G., Micheline, A., Mine, P., Nguyen Ngoc, H., Runolfsson, O., Siegrist, P., Timmermans, J., Valentin, J., Vanderhagen, R., Weisz, S. Experimental determination of the pion and nucleon structure functions by measuring high-mass muon pairs produced by pions of 200 and 280 GeV/c on a platinum target 1-10218

- Badier, J.**, Delcros, P., Mine, P., Vanderhagen, R., Boucrot, J., Burgun, G., Busnello, R., Callo, O., Charpentier, P., Crozon, M., Decamp, D., Delpierre, P., Diop, A., Dube, R., Gandois, B., Hagelberg, R., Hansroul, M., Hammarstrom, R., Kienzie, W., Lafontaine, A., Le Du, P., Lefrancois, J., Leray, T., Lorenzi, R., Malbecq, Y., Mathias, G., Michelini, A., Nguyen Ngoc, H., Palanche, S., Ronfussion, O., Siegrist, P., Timmermans, J., Valentin, J., Weisz, S. A large acceptance spectrometer to study high-mass muon pairs 1-10582
- Badikov, V.V.** see Andreev, S.A. 1-51557
- Badila, P.** see Paulet, P. 1-8910
- Badinter, E.Ya.**, Zalevskii, B.K., Starush, I.G. Miniature thermoelectric pressure transducer 1-44899
- Badirkhanov, S.Sh.** see Abasov, S.A. 1-26124
- Badriyan, E.E.**, Bakharev, S.A. Installation for investigating plastic deformation in creep and active loading 1-16990
- Badzo, J.**, Fournier, D., Bocara, A.C. Photoacoustics: a hundred years old technique revisited 1-23313
- Badr, Y.** see El-Kabbany, F. 1-52899
- Badr, Y.A.**, Kamel, R. Comparative study of structure changes with temperature in univalent and divalent ionic nitrate crystals 1-7323
- Badrukhin, Yu.L.**, Kuznetsov, V.V. One form of the equations of hydrodynamics of an ideal incompressible fluid and the variational principle for nonsteady flow with a free surface 1-46726
- Badruzzaman, A.** Economic implications of annular fuel in PWRs 1-786
- Badulin, N.N.**, Yerokhin, A.V., Masalov, Ye.V. An experimental investigation of refraction of radio and optical waves in surface-layer propagation links 1-36040
- Badura, E.**, Zdanowicz, W. Aluminum-natural oxide-p-type silicon (MIS) solar cells 1-32024
- Badurek, G.**, Rauch, H., Zeillinger, A. Neutron phase-echo concept and a proposal for a dynamical neutron polarisation model 1-34204
- Badwal, S.P.S.** see de Bruin, H.J. 1-17195
- Badyal, S.K.** see Kaul, G.L. 1-33267
- Badziak, J.** Time and space compression functions in two-dimensional description of the laser pulse propagation in nonlinear medium 1-15214
- Badziak, J.**, Tyl, J. Effect of two-photon absorption on the picosecond pulse generation in a mode-locking laser 1-19377
- Badzian, A.R.**, Kieniewicz-Badzian, T. A new method for preparing cubic boron nitride 1-39296
- Bae Kim Nak** see Nak Bae Kim
- Baek, S.H.**, Harris, J.E., Brock, J.R. Method for measuring evaporation rates of complex oil mixtures with low ambient vapor pressures 1-11854
- Baer, A.J.** Two orogenies in the Grenville Belt? 1-54033
- Baer, D.R.**, Merz, M.D. Differences in oxides on large- and small-grained 304 stainless steel 1-43604
- Baer, D.R.** see Brummer, S.M. 1-26620
- Baer, E.** see Chudnovsky, A. 1-38442
- Baer, E.** see Ishida, H. 1-12998
- Baer, E.** see Kastelic, J. 1-35798
- Baer, E.** see Moct, A. 1-12716, 1-43565
- Baer, E.** see Rickett, S.E. 1-12999
- Baer, H.W.** see Bolton, R.D. 1-1025
- Baer, H.W.** see McNaughton, M.W. 1-41051
- Baer, J.A.** A tactile-output paging communication system for the deaf-blind 1-32316
- Baer, J.W.** see Pollak, T.M. 1-29357
- Baer, M.** Relative travel time residuals for teleseismic events at the new Swiss seismic station network 1-44110
- Baer, M.**, Drolshagen, G., Tonenies, J.P. The adiabatic-diabatic approach to vibrational inelastic scattering: theory and study of a simple collinear model 1-1311
- Baer, M.** see Jellinek, J. 1-12972
- Baer, M.** see Reuven, Y. 1-15144
- Baer, M.** see Wyss, M. 1-54011
- Baer, R.N.** Propagation through a three-dimensional eddy including effects on an array 1-37665
- Baer, T.**, Buchler, U., Klots, C.E. Kinetic energy release distributions for the dissociation of internal energy selected $C_2H_2^+$ ions 1-19135
- Baer, T.**, Kowalski, F.V., Hall, J.L. Frequency stabilization of a 0.633- μ m He-Ne longitudinal Zeeman laser 1-6569
- Baer, T.** see Inokuti, M. 1-24227
- Baer, Y.** High-energy spectroscopic study of the occupied and empty electronic levels in uranium metal and compounds 1-48227
- Baer, Y.**, Ott, H.R., Andres, K. 5f electron localization in metallic UPd_3 1-20651
- Baer, Y.** see Baptist, R. 1-48226
- Baer, Y.** see Cox, P.A. 1-30611
- Baer, Y.** see Lang, J.K. 1-34606
- Baerends, E.J.** see Heijser, W. 1-41306
- Baerends, E.J.** see Ziegler, T. 1-6401, 1-45868
- Baeri, P.**, Foti, G., Poat, J.M., Cullis, A.G. Phase transitions in amorphous Si produced by rapid heating 1-30364
- Baeri, P.**, Poate, J.M., Campisano, S.U., Foti, G., Rimini, E., Cullis, A.G. Dependence of trapping and segregation of indium in silicon on the velocity of the liquid-solid interface 1-38536
- Baeri, P.** see Campisano, S.U. 1-30470
- Baeri, P.** see Picraux, S.T. 1-2533
- Baeriswyl, D.** see Harbeck, G. 1-48180
- Baerlocher, Ch.**, Hepp, A. A new pattern fitting structure refinement program for X-ray powder data 1-29958
- Baerlack, W.A.**, III. Observations of solidification cracking in Ti alloy weldments 1-3905
- Baetsle, L.H.** see Vandenborre, H. 1-39844
- Baetzold, R.C.** see Gerenser, L.J. 1-16664
- Baev, S.G.** Photoinduced oxidation of As_2Se_3 thin films 1-43204
- Baev, V.K.**, Bazhaikin, A.N., Bichenkov, E.I., Buzukov, A.A., Rabinovich, R.L., Timoshenko, B.P. X-ray pulse method for investigation of the internal structure of a fuel jet 1-46795
- Baev, V.K.**, Vorontsov, S.S., Zabaikin, V.A., Konstantinovskii, V.A. Determination of the time spent by gas in a recirculation zone by means of a resonance absorption technique 1-24898
- Baev, V.M.**, Belikova, T.P., Kovalenko, S.A., Sviridenkov, E.A., Suchkov, A.F. Transient processes manifested in the emission spectra of CW wide-band dye lasers used for intracavity laser spectroscopy 1-1563
- Baev, V.M.**, Kovalenko, S.A., Sviridenkov, E.A., Suchkov, A.F., Topytyn, D.D. Multichannel recording of absorption spectra obtained by intracavity laser spectroscopy 1-5412
- Baev, V.M.**, Schroder, H., Toschek, P.E. $LiF:F^{2+}$ -centre laser for intracavity spectroscopy 1-41728
- Baev, S.A.**, Smirnov, V.B. Determination of the theoretical waveguide response function by analyzing the distortion of a pulsed optical signal 1-46574
- Baev, S.A.** see Babkina, T.V. 1-6671
- Baev, S.N.**, Belyaev, M.V., Dmitriev, A.K., Chebotayev, V.P. Observation of the anomalous Zeeman effect in the $F_2^{(2)}$ line of methane 1-41425
- Baev, S.N.**, Dmitriev, A.K., Dychkov, A.S., Chebotayev, V.P. Nonlinear resonance shifts in methane at a wavelength of 3.39 μ m 1-11052
- Baev, S.N.**, Dychkov, A.S., Chebotayev, V.P. Use of narrow optical resonances for measuring small displacements, application to gravitational wave detectors 1-50206
- Baev, V.N.**, Okulov, V.I., Pamyatnykh, E.A. The low-temperature de Haas-van Alphen effect 1-34611
- Baev, V.N.** see Korobeinikov, V.P. 1-3734
- Baev, V.S.**, Bonch-Osmolovskii, M.M., Galkina, T.I., Keldysh, L.V., Poyarkov, A.G. Drag of electron-hole drops by a deformation pulse due to laser irradiation of Ge 1-2973
- Baev, V.S.**, Bonch-Osmolovskii, M.M., Galkina, T.I., Keldysh, L.V., Poyarkov, A.G. Drag of electron-hole droplets in germanium by laser induced deformation pulse 1-47492
- Bagaeva, G.G.**, Shubert, M. Light sensitivity increase of motion picture film type CO-32D during processing 1-18316
- Bagai, R.K.**, Borle, W.N. 90° growth twins in float-zone silicon crystals 1-34356
- Baganov, V.I.**, Beklemishev, V.V., Goncharova, N.I., Noskin, A.B. An integrated catheter pressure transducer 1-49147
- Bagaria, W.J.**, Sharpe, W.N., Jr. Temperature and rise-time effects on dynamic strain measurement 1-15457
- Bagayev, S.N.**, Belyaev, M.V., Dmitriyev, A.K., Chebotayev, V.P. An anomalous Zeeman effect in methane at 3.39 μ m 1-51239
- Bagchi, A.** see Lee, M.H. 1-7530, 1-8149
- Bagchi, B.**, Seyler, R.G. Integral equations and the bound-state problem 1-9799
- Bagchi, B.** see Lahiri, A. 1-564, 1-5624, 1-23492
- Bagci, C.** Elastic stability and buckling loads of multi-span nonuniform beams, shafts and frames on rigid or elastic supports by finite element method using planar uniform line elements 1-41962
- Bagdasarov, Kh.S.**, Belugina, N.V., Gomelauri, G.V., Manenkov, A.A. Optical strength of YAG and $LiNbO_3$ crystals irradiated with giant pulses from a YAG:Er³⁺ laser ($\lambda = 2.94 \mu$) 1-33732
- Bagdasarov, Kh.S.**, Zhekov, V.I., Kulevskii, L.A., Lobachev, V.A., Murina, T.M., Prokhorov, A.M. Giant laser radiation pulses from erbium-doped yttrium aluminum garnet crystals 1-51490
- Bagdasarov, Kh.S.** see Arsenov, P.A. 1-26244, 1-39142
- Bagdasarov, Kh.S.** see Meleshina, V.A. 1-38545
- Bagdasaryan, L.S.** see Abramov, B.M. 1-992
- Bagdasaryan, L.S.** see Avakyan, V.V. 1-4778
- Bagdasaryan, R.A.**, Sarkisyan, S.A., Khachatryan, K.O., Shirakyan, G.G. The decrease of threshold voltage and of charge stabilization at SiO_2 -Si interface in MOS structures using polycrystalline silicon as a second insulator layer 1-3066
- Bagdov, A.G.**, Oganyan, G.G. Propagation of modulated nonlinear waves in a relaxing gas-liquid mixture 1-37952
- Bagdova, R.M.** Mechanomathematical model of skeletal muscle 1-17439
- Baggaley, W.J.** Multi frequency studies of radio-meteor train diffusion 1-40426
- Baggaley, W.J.** Measurements of the velocity dependence of the initial radii of meteor trains 1-40427
- Baggaley, W.J.**, Webb, T.H. The geomagnetic control of the diffusion of meteoric ionization 1-9321
- Baggenstos, M.** see von Gunten, H.R. 1-45553
- Baggott, R.**, Gandhi, D. Multiple cracking in aligned polypropylene fibre reinforced cement composites 1-39425
- Bagguley, D.M.S.**, Partington, J.P., Robertson, J.A., Woods, R.C. Magnetization, AC susceptibility and microwave absorption in Dy and TbY alloys 1-47867
- Baghai, A.** see Guerrero, E. 1-48550
- Baghdadi, A.**, Gurtler, R.W. Recent advances in ribbon-to-ribbon crystal growth 1-3603
- Bagi, T.** see Cziraki, A. 1-2340
- Bagi, T.** see Cziraki, A. 1-25166
- Bagiev, V.E.** see Efendiev, Sh.M. 1-52967
- Baginskii, I.L.**, Kostov, E.G. Transient single-injection currents in dielectrics at fast trapping 1-32573
- Baginyan, R.A.**, Ter-Mikaelyan, M.L. Transition radiation at a plane interface with isolated irregularities 1-3528
- Baglee, D.A.**, Ferry, D.K., Wilmsen, C.W., Wieder, H.H. Inversion layer transport and properties of oxides on InAs 1-16375
- Bagley, B.G.**, Aspnos, D.E., Adams, A.C., Mogab, C.J. Optical properties of low-pressure chemically vapor deposited silicon over the energy range 3.0-6.0 eV 1-48178
- Bagley, B.G.**, Aspnos, D.E., Fleming, J.W. Refractive index dispersion in oxide glasses 1-3353
- Bagley, B.G.** see Shah, J. 1-8130, 1-8131
- Baglin, A.** see Morel, P.J. 1-17837
- Baglin, C.M.** Nuclear data sheets for A=152 1-17953
- Baglin, J.E.** see Spiller, E. 1-6689
- Baglin, J.E.E.** see Angiello, J. 1-47406
- Baglin, J.E.E.** see Rimini, E. 1-8341
- Bagmet, A.D.** see Tsykal, A.L. 1-30052, 1-52059
- Bagmutov, V.P.** Determination of physical relationships for a reinforced material 1-43401
- Bagnaia, P.** see Allasia, D. 1-23495
- Bagne, F.** A method for calculating megawatt X-ray dose and dose parameters 1-27004
- Bagno, O.M.**, Guzo, N. Studies in the liquid effect on longitudinal wave propagation on preliminarily stressed cylinder of incompressible material 1-29590
- Bagno, Yu.D.** Periodic electron density fluctuations in the lower ionosphere and their relation with the frequency dependence of auroral radio-wave absorption 1-22587
- Bagno, R.A.** An empirical correlation of bedload transport rates in flumes and natural rivers 1-2067
- Bagno, W.G.** see Searle, L. 1-9584
- Bagraev, N.T.**, Vlasenko, L.S. Determination of the ionization energy of impurity levels in silicon through optical polarization of lattice nuclei 1-34660
- Bagraev, N.T.**, Vlasenko, L.S., Karpov, Yu.A. ONP investigation of cluster formation in doped silicon single crystals grown by the Czochralski method 1-2492
- Bagraev, N.T.**, Vlasenko, L.S., Lebedev, A.A., Merkulov, I.A., Yusupov, P. Exchange impurity levels and photoconductivity of semiconductors 1-47709
- Bagratashvili, V.N.**, Kolomiiskii, Yu.R., Ryabov, E.A., Starodubtsev, A.I. Two-frequency dissociation of SF₆ molecules in a strong infrared field of a CO₂ laser 1-6329
- Bagratashvili, V.N.**, Vainer, Yu.G., Doljnikov, V.S., Letokhov, V.S., Makarov, A.A., Malyavkin, L.P., Ryabov, E.A., Silks, E.G. Observation of nonequilibrium vibrational distribution in infrared multiphoton excitation of molecules by Raman spectroscopy 1-51213
- Bagrov, V.G.**, Bordovitsyn, V.A. Classical spin theory 1-27776
- Bagrov, V.G.**, Gitman, D.M., Zadorozhnyi, V.N., Lavrov, P.M., Shapovalov, V.N. New exact solutions of the Dirac equation 1-40941
- Bagrov, V.G.** see Ternov, I.M. 1-29200
- Bagshaw, J.R.** see Blackett, J. 1-11439
- Bagus, P.S.**, Bjorkman, C. Electronic structure of transition-metal hydrides: NiH and PdH 1-45812
- Bagus, P.S.**, Seel, M. Molecular-orbital cluster-model study of core-level spectrum of CO adsorbed on copper 1-53053
- Bagwell, J.W.**, Lindow, B.G. An airborne meteorological data collection system using satellite relay (ASDAR) 1-4669

- Bahadur, H.**, Parshad, R. Simple experimental method for demonstrating transient frequency shifts in X- and gamma-irradiated quartz crystals 1-12459
- Bahadur, H.**, Parshad, R. Accurate measurement of tangential vibrations of quartz crystals 1-20543
- Bahadur, H.**, Parshad, R. Scanning electron microscopy of vibrating quartz crystals—a review 1-20544
- Bahadur, H.**, Parshad, R. Scanning electron microscopy of vibrating quartz crystals—a survey 1-24637
- Bahadur, S.** see Kar, M.K. 1-39472
- Bahadur Singh, N.** Viscosity behaviour of diphenylamine-p-toluidine system 1-25482
- Babar, E.** Excitation of surface waves and the scattered radiation fields by rough surfaces of arbitrary slope 1-1451
- Babar, E.** Computations of the transmission and reflection scattering coefficients in an irregular spheroidal model of the Earth-ionosphere waveguide 1-13635
- Babar, E.** Excitation of lateral waves and the scattered radiation fields by rough surfaces of arbitrary slope 1-32552
- Babar, L.Y.**, Hetnarski, R.B. Coupled thermoelasticity of a layered medium 1-19569
- Babat, D.** A Hertzian quasi-oval fracture model for ring-complexes 1-9131
- Babcall, J.N.** The effect of variability on the V/V_{MAX} test 1-9378
- Babcall, J.N.**, O'Dell, C.R. The Space Telescope Observatory 1-44436
- Babcall, J.N.** see Shapiro, P.R. 1-32748
- Babe, F.C.**, Schurath, U., Becker, K.H. The frequency of NO_2 photolysis at ground level, as recorded by a continuous actinometer 1-4553
- Bahgat, A.A.** Correlation between Einstein and Debye models of lattice vibrations for Mossbauer fraction 1-52253
- Bahgat, A.A.**, Fayek, M.K. On the hyperfine structures in the M-type hexaferrite 1-34962
- Bahgat, A.A.** see Fayek, M.K. 1-31065
- Bahill, A.T.** Glissadic undershoots and glissadic overshoots are caused by pulse width errors not pulse height errors 1-8860
- Bahill, A.T.**, Iandolo, M.J., Troost, B.T. Smooth pursuit eye movements in response to unpredictable target waveforms 1-13236
- Bahill, A.T.**, Latimer, J.R., Troost, B.T. Linear homeomorphic model for human movement 1-22024
- Bahk, S.** see Ashby, M.F. 1-3664
- Bahk, S.** see Ushida, N. 1-546
- Bahl, I.J.**, Stuchly, S.S., Stuchly, M.A. A new microstrip radiator for medical applications 1-26974
- Bahl, I.J.**, Thansandote, A., Stuchly, S.S. Open-ended rectangular waveguides as antennas for medical diagnostics 1-4354
- Bahman Emami, Nussbaum, G.H.**, TenHaken, R.K., Hughes, W.L. Physiological effects of hyperthermia: response of capillary blood flow and structure to local tumor heating 1-53761
- Bahnev, A.Y.** see Popov, A.S. 1-38844
- Bahorich, R.J.**, Durrill, D.C., Cross, T.E., Unterzuber, R. Spent LWR fuel encapsulation and dry storage demonstration 1-23818
- Bahr, A.**, Piwecki, H., Rigolini, L. Measurements on a flat thermal solar energy collector with a cellular structure after Francia 1-17252
- Bahr, A.J.** Theory of scattering from a nonlinearly loaded aperture 1-29179
- Bahr, J.L.** see Kernahan, J.A. 1-1153
- Bahrani, P.A.** see Sparrow, E.M. 1-19546, 1-24788
- Babrani, A.S.** see Armstrong, C.G. 1-22045
- Babuguna, R.D.** see Gupta, K.K. 1-46225
- Baburmuza, A.A.**, Loly, P.D. Two-magnon excitations in the Heisenberg ferromagnet with uniaxial anisotropy 1-3165
- Bai, B.N.** Pramila see Pramila Bai, B.N.
- Bai, T.** Iron K photons from weakly magnetized neutron stars in X-ray binaries 1-9551
- Bai, T.** Implications of the high-state iron-line feature and soft X-ray emission of Hercules X-1 1-9723
- Bai, T.** The 35 day dependence of the pulse shape of Hercules X-1 1-49712
- Bai, Y.** see Jenner, A. 1-48451
- Bai Guang-mei** see Yao Nai-yan 1-46996
- Bai Nai-zhi**, Cui Shu-fan, Ge Pei-wen, Liu Hui-run, Zhang Le-hui X-ray topographic studies of the defects in gadolinium gallium garnet single crystals 1-25257
- Bai Qun** see Zheng Deshui 1-36750
- Bai-chen Liu** see Liu Bai-chen
- Bai-lin Hao** see Hao Bai-lin
- Bai-lin Jiang** see Zhi-gang Xiao 1-53279
- Bai-lin Jiang** see Jiang Bai-Lin
- Baiadze, K.V.**, Vetsko, V.M., Zhdanok, S.A., Napartovich, A.P., Starostin, A.N. Effect of vibrationally excited particles on the stability of non-self-sustained discharges in molecular gases 1-2138
- Baibakov, V.I.**, Kistovich, Yu.V., Datsko, V.N. Surface electromagnetic waves in water 1-34735
- Baidak, D.A.**, Sorokati, N.I. Optimal control of continual elastic system under nonconservative load 1-18015
- Baidakov, V.G.** see Kaverin, A.M. 1-52268
- Baidina, I.A.**, Podbereskaya, N.V., Belyaev, A.V., Bakakin, V.V. Crystal structures of cis- and trans-dichlorobis(ethylenediamine)rhodium(III) nitrate 1-34326
- Baidina, I.A.**, Podbereskaya, N.V., Krylova, L.F., Borisov, S.V., Bakakin, V.V. Crystal structures of two ammine-glycine derivatives of divalent platinum: cis-dichloroammineglycineplatinum(II) $[\text{Pt}(\text{NH}_3)(\text{NH}_2\text{CH}_2\text{COOH})\text{Cl}_2]$ and cis-chloroammineglycinatoplatinum(II) $[\text{Pt}(\text{NH}_3)(\text{NH}_2\text{CH}_2\text{COO})\text{Cl}]\text{Cl}$ 1-42354
- Baier, F.W.** Investigation of galaxy distribution in the Ursa Major Supercluster of galaxies 1-4986
- Baier, F.W.** Investigation of the galaxy distribution in a field at the boundary between Virgo and Serpens Caput 1-27624
- Baier, H.**, Bayer, T., Hinkel, H., Kraus, G., Seybold, D. Ion beam scattering in a circular pattern 1-20246
- Baier, R.**, Engels, J., Petersson, B. Correlation with large transverse momentum photons and the gluon structure function 1-18527
- Baier, R.**, Fey, K. Effects of soft gluon emission on the opposite-side acollinearity distributions in e^+e^- annihilation 1-50446
- Baier, V.N.**, Grozin, A.G. Decays of B and \bar{B} mesons with the production of charmonium states 1-5620
- Baier, V.N.**, Grozin, A.G. Determination of the meson wave function using the cross section of its isolated inclusive production 1-14425
- Baier, V.N.**, Mil'shtein, A.I. Operation of free-electron laser at large gains 1-19316
- Baier, V.N.**, Milstein, A.I. Nonlinear wave interaction in a free electron laser 1-1539
- Baig, M.**, Pajares, C. f-dominance of the Pomeron in Reggeon field theory 1-28244
- Baig, M.A.**, Connerade, J.P., Dagata, J., McGlynn, S.P. Quasi-atomic Rydberg states of a complex molecule: CH_3I 1-33475
- Baig, M.A.**, Hormes, J., Connerade, J.P., Garton, W.R.S. Rotational analysis of a new electronic transition of HBr and DBr 1-45929
- Baig, M.A.** see Connerade, J.P. 1-24163, 1-28904, 1-41442
- Baig, M.** Aslam see Aslam Baig, M.
- Baijal, J.S.** see Aggarwal, K. 1-20581
- Baikin, I.A.**, Mazurov, A.I. X-ray television methods and devices for roentgenogram processing 1-39993
- Baikov, A.P.**, Iskol'dskii, A.M., Mikitik, G.P., Motorin, V.I., Musher, S.L., Shestak, A.F. Electrical breakdown of conductors. Fusion stage 1-15673
- Baikov, A.P.**, Shestak, A.G. Liquefaction of metal conductors in pulsed heating 1-2277
- Baikov, V.P.**, Mironov, V.I., Kocherov, V.I., Gus'kov, Yu.P. Corrosion resistance in 07Kh16N6 and 09Kh15N8Yu steels in a medium containing chlorine ions 1-26680
- Baikov, Yu.A.**, Zelenkev, Yu.V., Haubenreisser, W., Pfeiffer, H. On the analytical theory of kinetic order-disorder phase transition in binary crystals. Influence of topological restrictions 1-20094
- Baikov, Yu.A.** see Chistyakov, Yu.D. 1-38311
- Baikova, G.G.**, Zhukova, V.A., Maleev, A.N., Kholodov, A.I. Small manually controlled high-vacuum valves 1-50141
- Bailangadi, M.**, Chiang, F.P. Numerical evaluation of stresses from displacement data by integral procedures 1-1831
- Bailey, A.W.** see Emmert, G.A. 1-25035
- Bailey, B.J.** see Young, K.A. 1-17522
- Bailey, C.D.** Vibration and local instability of thermally stressed plates 1-51711
- Bailey, C.D.**, Freeman, S.M., Hamilton, J.M., Jr. Acoustic emission monitors damage progression in graphite epoxy composite structure 1-4021
- Bailey, D.** see Ushida, N. 1-546
- Bailey, F.P.** Solid state metal-ceramic reaction bonding. Some applications and properties 1-16981
- Bailey, G.J.**, Footitt, R.J., Moffett, R.J. Latitudinal gradients in the electron temperature of the lower F-region at mid- to low latitudes 1-54318
- Bailey, G.J.**, Heelis, R.A. Ion temperature troughs induced by a meridional neutral air wind in the night-time equatorial topside ionosphere 1-9318
- Bailey, G.W. (editor)** Proceedings of the Thirty-Eighth Annual Meeting of the Electron Microscopy Society of America 1-40602
- Bailey, H.S.** see Stephen, J.D. 1-45619
- Bailey, I.**, Israel, V. Relativistic dynamics of extended bodies and polarized media: An eccentric approach 1-36537
- Bailey, I.L.**, Lovie, J.E. The design and use of a new near-vision chart 1-8846
- Bailey, J.**, Axon, D.J. Multicolour polarimetry of AM Herculis 1-36338
- Bailey, J.**, Ward, M. Spectrophotometry of the eclipsing dwarf nova of OY Carinae 1-36309
- Bailey, J.D.** see Smith, R.C. 1-18281
- Bailey, J.E.** see Bader, M.G. 1-48454
- Bailey, J.T.** see Levy, G.C. 1-14938
- Bailey, M.E.**, MacDonald, J. A comparison between velocity dispersion profiles of de Vaucouleurs and King galaxy models 1-36413
- Bailey, M.E.**, MacDonald, J. Density evolution of radio sources fuelled by stellar mass loss 1-49840
- Bailey, P.G.**, Rothbart, G.B., Fullwood, R.R. Electronic simulation experiments for fault tree analyses 1-50836
- Bailey, P.G.** see Porsching, T.A. 1-10423
- Bailey, R.** see Aston, D. 1-14399, 1-45297, 1-50442
- Bailey, R.B.**, Iri, T., Richards, P.L. Infrared spectra of carbon monoxide on evaporated nickel films: A low temperature thermal detection technique 1-26209
- Bailey, R.C.** see Duncan, P.M. 1-27258
- Bailey, W.F.** see Garscadden, A. 1-38046
- Bailey, W.F.** see Rice, S.L. 1-48519
- Bailiff, I.K.** A beta irradiator for use in dating at the Durham TL laboratory 1-6070
- Baillo, J.** see Daunay, J. 1-48036
- Bailly, J.**, Tattgrain, A., Saroul, J. The SCAR-ABEE facility—its main characteristics and the experimental program 1-820
- Bailly-Salins, R.** Thermoshock generation in solids irradiated by an intense pulsed relativistic electron beam 1-38460
- Bailon, L.** see Jarai, M. 1-16340
- Baily, N.A.** Video techniques for X-ray imaging and data extraction from roentgenographic and fluoroscopic presentations 1-8986
- Baily, N.A.** Electron backscattering [radiological images] 1-8989
- Baily, N.A.**, Horn, R.A., Kamp, T.D. Fluoroscopic visualization of megavoltage therapeutic X-ray beams 1-17476
- Baily, P.K.** see Finzi, J. 1-1548
- Baily, P.K.** see Wang, J.H.S. 1-46325
- Bain, A.D.** A superpin analysis of two-dimensional FT NMR experiments 1-14145
- Bain, E.** see Raju, M.R. 1-43914, 1-43915
- Bain, E.** Collins see Collins Bain, E.
- Bainbridge, A.**, Gray, J., Lawrence, L.A.J., McAffer, N.T.C. Commissioning and subsequent development of boiler feedwater control systems on the Prototype Fast Reactor 1-28587
- Bainbridge, G.R.** The gas cooled reactor 1-14645
- Bainum, D.E.** see Horen, D.J. 1-50568
- Bair, H.E.**, Boyle, D.J., Kelleher, P.G. The effects of light and heat on the rubber content and impact strength of acrylonitrile-butadiene-styrene 1-48499
- Bair, H.E.** see Abrahams, S.C. 1-38526
- Bair, H.E.** see Congdon, W.L. 1-12778
- Bair, J.K.** see Auble, R.I. 1-23907
- Bair, R.A.**, Goddard, W.A., III Ab initio studies of the X-ray absorption edge in copper complexes. I. Atomic Cu^{2+} and $\text{Cu}(\text{II})\text{Cl}_2$ 1-6277
- Bair, W.J.** Metabolism and biological effects of alpha-emitting radionuclides [review] 1-53833
- Baird, D.C.** see Wiederick, H.D. 1-16414
- Baird, D.G.** Rheological properties of liquid crystalline ensembles of poly-p-phenyleneisophthalamide in sulfuric acid 1-1903
- Baird, J.K.**, Bullot, J., Cordier, P., Gauthier, M. Semiempirical formula for the electric field dependence of geminate ion recombination fluorescence 1-51235
- Baird, J.K.** see Ferrell, T.L. 1-11616
- Baird, L.C.** Space-age ticktock 1-9971
- Baird, L.C.** Relativistic mass 1-17971
- Baird, R.J.**, Ku, R.C., Wynblatt, P. The chemisorption of CO and NO on Rh(110) 1-2822
- Baird, R.J.** see Goldberg, S.M. 1-8187
- Baird, R.N.** see Skidmore, R. 1-8935
- Bairnsfater, H.** see Clothier, W.K. 1-33005
- Bais, F.A.** The topology of monopoles crossing a phase-boundary 1-36806
- Bais, F.A.**, Frere, J.-M. Composite vector fields and tumbling gauge theories 1-36805
- Bais, F.A.**, Rudaz, S. On the suppression of monopole production in the very early Universe 1-32783
- Bais, F.A.**, Troost, W. Zero modes and bound states of the supersymmetric monopole 1-50309
- Baisa, D.F.**, Barabash, A.I., Vertegel, I.G. Investigation of the crystal lattice dynamics for ferroelectric KIO_3 by the nuclear quadrupole resonance method 1-43032
- Baisa, D.F.** see Smolenski, G.A. 1-21081
- Baisch, H.**, König, K. Analysis of flow cytometric data of irradiated cell populations 1-49075
- Baisch, H.** see König, K. 1-49074
- Baity, W.A.** see Gruber, D.E. 1-22837
- Baity, W.A.** see Primini, F.A. 1-49830
- Baity, W.A.** see Rothschild, R.E. 1-49811
- Baiwir, M.** see Llabres, G. 1-29000
- Baiwir, M.** see Piette, J.-L. 1-4081
- Baiweras, J.** see Chevalier, J. 1-52560

- Baj, M. *see* Filipchenko, A.S. 1-30631
- Bajada, S. *see* Touraine, A. 1-27013
- Bajaj, J., Fei-Ming Tong, Wong, G.K. Experimental evidence for phase separation of a two-component electron-hole liquid in (111)-stressed Ge 1-34632
- Bajaj, K.K., Clark, T.D., Theis, W.M. Ground-state energy of a donor-bound exciton complex in semiconductors 1-7487
- Bajak, L.L., Breazeale, M.A. Quantum mechanical theory of nonlinear interaction of ultrasonic waves 1-11237
- Bajda, T. Investigation of magnetic field effect on trypsin activity 1-49059
- Bajek, W.A., Sampson, R.W., McLaughlin, J.H. An on-stream boiling point monitor employing a microcomputer 1-23240
- Bajic, B., Tasic, J. Modulation of the cavitation noise as a means for the diagnosis of the ship screw propeller cavitation mechanisms 1-29452
- Bajons, P. The problem of resonance for longitudinal small amplitude excitation of an elastic-plastic bar 1-33922
- Bajor, G. *see* Barnett, S.A. 1-31343
- Bajorek, A. *see* Kosiorowska, J. 1-20401
- Bajpai, R.P. Electron and ion beam techniques applied to materials analysis 1-3197
- Bajpai, R.P., Choudhary, J.K. Implication of magnetic moments for the spin structure of baryons 1-14392
- Bajpai, R.P., Ramachandran, R. Large sea polarisation in quantum chromodynamics 1-18439
- Bajura, R.A. *see* Riestler, J.B. 1-37985
- Bajzer, Z. *see* Svarc, A. 1-571
- Bak, B., Kristiansen, N.A., Svanholt, H., Holm, A., Rosenkilde, S. Selenine as an intermediate in the pyrolysis of 1,2,3-selenadiazole. Microwave spectra of ^{13}C labelled selenoketene 1-51184
- Bak, B., Svanholt, H. Extended study of rotational spectra of $\text{CH}_2=\text{N-CN}$ and $\text{CD}_2=\text{N-CN}$ at centimeter wavelengths 1-14870
- Bak, C., Kofoed, B., Lebech, J., Saermark, K., Elberling, C. Auditory evoked magnetic fields from the human brain. Source localisation in a single-dipole approximation 1-49021
- Bak, C. *see* Elberling, C. 1-26918
- Bak, G., Lipinski, A., Mycielski, W. Transport phenomena in thin organic layers 1-7762
- Bak, J. *see* Auleytner, J. 1-20523
- Bak, P. Phase transitions and symmetry 1-12299
- Bak, P., Domany, E. Order-disorder transitions in stage-2 graphite intercalation compounds 1-42537
- Bak, P., Jensen, M.H. Theory of helical magnetic structures and phase transitions in MnSi and FeGe 1-16429
- Bak, P. *see* Hastings, J.M. 1-3176
- Bak-Hae-ill *see* Hae-ill Bak
- Bakae, V.A. *see* Antonchik, V.A. 1-5762
- Bakae, V.G., Gulevich, V.M., Mikhailov, G.V., Nikolaev, A.V., Sviridenko, Yu.P., Shelobolin, A.V. Measurement of the contrast ratio of high-power nanosecond laser pulses 1-1611
- Bakai, A.S. Order-disorder transitions in a turbulent medium 1-5177
- Bakai, A.S. *see* Krivoruchko, S.M. 1-51962
- Bakakin, V.V., Godovikov, A.A. Crystal structure and winning of selgmannite and bournonite 1-25223
- Bakakin, V.V. *see* Baidina, I.A. 1-34326, 1-42354
- Bakakin, V.V. *see* Podbereskaya, N.V. 1-30183
- Bakaleinikov, L.A. *see* Babanin, V.I. 1-24980
- Bakalov, D.D. Relativistic corrections and correction for the electromagnetic structure of nuclei to the energy levels of μ -mesomolecules 1-10877
- Bakalov, D.D., Vinitskii, S.I. Spin effects in the three-body problem with electromagnetic interaction. Hyperfine structure of the energy levels in the mesomolecule ppu 1-6412
- Bakalov, D.D., Vinitskii, S.I., Melezhi, V.S. Hyperfine structure of the energy levels of μ -mesic molecules of hydrogen isotopes 1-29151
- Bakalov, G.I. Determining the length of the blank at variation of the height of the contact material for bimetallic contact rivets 1-44881
- Bakalyar, D.M. *see* Schubert, E.A. 1-16138
- Bakanina, L.P., Belonuchkin, B.E., Kozel, S.M., Kuznetsov, E.P., Lokshin, G.R. Transient processes in high-amplification gas lasers 1-29256
- Bakanov, S.P., Deryagin, B.V., Roldugin, V.I. Thermophoresis in gases 1-2134
- Bakeev, A.A., Nikolashina, L.I., Prokopenko, N.V. Propagation of laser absorption waves under the action of $10.6\ \mu\text{m}$ wavelength radiation 1-33731
- Bakeev, A.A., Vasil'ev, L.A., Nikolashina, L.I., Prokopenko, N.V. Spectral determination of the parameters of a plasma with a time resolution of $0.5\ \mu\text{sec}$ 1-29895
- Bakel, B.A.H. *van* *see* van Bakel, B.A.H.
- Baker, A.J. *see* Soliman, M.O. 1-15466
- Baker, A.J. *see* Stannard, D.M. 1-31576
- Baker, A.I. *see* Markin, J.T. 1-14607
- Baker, C. *see* Sawbridge, P.T. 1-20259
- Baker, C.C. Recent design advances in magnetic fusion reactor concepts 1-41233
- Baker, D.F., Bragg, R.H. The thermal expansion of the directionally solidified Al-CuAl₂ eutectic 1-52320
- Baker, D.J. Large field-of-view interferometers for environmental sensing 1-4239
- Baker, D.J., Jr., Radok, U., Weller, G., Aagaard, K., Baker, D.J., Jr., Bryan, K., Campbell, W., Coon, M., Dickinson, R., Galt, J., Gates, W.L., Goody, R.M., Herman, G., Holland, W., Holton, J., Kellogg, W., Maykut, G., McClain, P., Radok, U., Routs, R., Rothrock, D., Savchenko, V., Thorndike, A., Timokhov, L., Treshnikov, A., Untersteiner, N., Van Loon, H., Voskresensky, A., Washington, W., Weeks, W.F., Weller, G. Polar atmosphere-ice-cream processes: a review of polar problems in climate research 1-13562
- Baker, D.J., Jr. *see* Baker, D.J., Jr. 1-13562
- Baker, D.J., Jr. *see* Wear, R.B. 1-54096
- Baker, D.M. *see* Douglas, J.A. 1-951
- Baker, D.N., Higbie, P.R., Belian, R.D. Multipacecraft observations of energetic electron flux pulsations at $6.6\ \text{Re}$ 1-40276
- Baker, D.R. CO₂ interferometer operation in Doublet III 1-15649
- Baker, D.W. *see* Eyer, M.K. 1-53844
- Baker, D.W. *see* Phillips, D.J. 1-8933
- Baker, E.H. Thermodynamic activities in the zinc-manganese system at 1250°C 1-26426
- Baker, E.T. *see* Hovis, W.A. 1-54282
- Baker, E.T., Scott, A., Styles, R.G., Kruse, T.H., Jones, K., Suchanek, R. $\text{b}_{2184}^{186}\text{W}(\alpha, \alpha')$ reactions at $E_\alpha = 24\ \text{MeV}$ 1-28363
- Baker, E.T. *see* Scott, A. 1-5768
- Baker, G.R. A test of the method of Fink and Soh for following vortex-sheet motion 1-1997
- Baker, G.R., Meiron, D.I., Orszag, S.A. Vortex simulations of the Rayleigh-Taylor instability 1-1917
- Baker, H., Hegarty, D., Robb, M.A. An energy-independent effective Hamiltonian for ethylene 1-19023
- Baker, H.C. *see* Armstrong, L., Jr. 1-24090
- Baker, H.C. *see* Payne, M.G. 1-10703
- Baker, H.J. Mode-matching techniques as an aid to laser cavity alignment 1-1594
- Baker, H.J., Bannister, J.J., King, T.A., McNaught, W.G. Coherent resonant pulse propagation in atomic iodine 1-29347
- Baker, H.J., King, T.A. Sealed-off, repetitively pulsed iodine laser oscillator 1-29300
- Baker, H.J., King, T.A. High average power operation of the $1.3\ \mu\text{m}$ iodine laser 1-46323
- Baker, J., Pickup, B.T. A method for molecular ionization potentials 1-29142
- Baker, J. *see* Akkapeddi, R.J. 1-46464
- Baker, J.A. *see* Rogers, C. 1-29592
- Baker, J.D. Gehrk, R.J., Greenwood, R.C., Meikrantz, D.H., Novick, V.J. A new isotope ^{158}Sm ; comments on the decay of ^{157}Sm 1-28411
- Baker, J.D. *see* Gehrk, R.J. 1-10341, 1-23597
- Baker, J.E., Williams, P., Wolford, D.J., Oberstar, J.D., Streetman, B.G. SIMS studies in compound semiconductors 1-30268
- Baker, J.E. *see* Hung, L.S. 1-38677
- Baker, J.M., Wood, R.L. EPR of Nd^{3+} at cubic sites in CaF_2 1-3255
- Baker, J.R. *see* Jordan, T.F. 1-32474
- Baker, K.S., Smith, R.C. Quasi-inherent characteristics of the diffuse attenuation coefficient for irradiance 1-22358
- Baker, K.S. *see* Smith, R.C. 1-40134
- Baker, L. *see* Stein, R.P. 1-5871
- Baker, L. *see* Wright, T.P. 1-34059
- Baker, L., Jr., Cheung, F.B., Bingle, J.D. Growth of internally-heated core debris pools into soluble and insoluble structures 1-5876
- Baker, L., Jr., Cheung, F.B., Bingle, J.D. Transient heat transfer in concrete 1-5882
- Baker, L., Jr. *see* Gabor, J.D. 1-37928
- Baker, M. The running coupling constant in Yang-Mills theory 1-45102
- Baker, M. *see* Fromhold, A.T., Jr. 1-43598
- Baker, M.B. A simple analytic model for transport by fluctuating winds 1-54186
- Baker, M.B., Corbin, R.G., Latham, J. The influence of entrainment on the evolution of cloud droplet spectra. I. A model of inhomogeneous mixing 1-22464
- Baker, M.B. *see* Ronholm, K. 1-22488
- Baker, M.E. *see* Dignam, M.J. 1-50194
- Baker, M.E. *see* Games, K.P. 1-44105
- Baker, P.L. On the recovery of images from incomplete interferometric measurements 1-49527
- Baker, P.L., Ninio, F., Troup, G.J., Bryant, R. Velocity measurement with speckle and speckle-like photography 1-40761
- Baker, R.B. *see* Makenas, B.J. 1-45616
- Baker, R.R. Goal orientation by blindfolded humans after long-distance displacement: possible involvement of a magnetic sense 1-49022
- Baker, R.W. *see* Babcock, W.C. 1-21775, 1-21776
- Baker, S. *see* Moss, W.D. 1-19737
- Baker, S.D. *see* Hofsteezer, J.H. 1-41142
- Baker, T.E., Fix, G.L., Judge, J.S. Modified poly-paraxylylene coatings and films with improved oxidation resistance 1-12904
- Baker, T.F. *see* Edge, R.J. 1-53961
- Baker, T.F. *see* O'Hara, N.P.J. 1-49192
- Baker, T.N. *see* Lapointe, A.J. 1-35270
- Baker, V.C. *see* Lillie, R.A. 1-18886
- Baker, W.D. Infrared focal planes—an evaluation 1-5390
- Baker, W.L. *see* Degnan, J.H. 1-33024
- Baker, W.L. *see* Nuttleman, R.A. 1-33014
- Baker, W.L. *see* Reinovs, R.E. 1-33087
- Baker, W.R. *see* Hopkins, D.B. 1-10537
- Baker-Blocker, A. The effects of sunshine, cloudiness and haze on received ultraviolet radiation in New York 1-44267
- Bakhadyrkhanov, M.K., Tursunov, A.A., Khaidarov, K. Thermal quenching of the photoconductivity of manganese-compensated silicon 1-20810
- Bakharev, M.S., Gorbachev, A.A., Larina, R.R., Mirkin, L.I. Clarification and fracture of radiation-colored materials by a laser beam 1-30278
- Bakharev, S.A. *see* Badiyan, E.E. 1-16990
- Bakharevskaya, T.M., Glasko, V.B., Savin, I.V. Interpreting dispersion formulae of Love waves in order to determine the parameters of the upper part of a section using controlling algorithms 1-13610
- Bakhchieva, S.R., Kekua, M.G., Seregin, P.P. A study of tin impurity atoms in silicon, germanium, and silicon-germanium solid solutions by means of Mossbauer spectroscopy 1-52875
- Bakhorin, V.A., Epifanov, Yu.N., Markin, A.S. Characteristics of a giant pulse developing from free generation 1-37519
- Bakhrakh, L.E., Kudryavtseva, S.P., Murzin, V.V., Khebtsova, M.B. Magnetic periodic quadrupole focusing of high-intensity electron beams 1-15067
- Bakhrakh, S.M., Ivanov, A.G., Kovalev, N.P., Mineev, V.N., Simonov, G.P., Tyun'kin, E.S., Khokhlov, N.P. Strength of aluminum under compression in a shock 1-53231
- Bakhr, H. *see* Cue, N. 1-25339
- Bakhteev, A.N., Godin, Yu.G. A model calculation of the equilibrium pressure of oxygen above uranium dioxide 1-43693
- Bakhtin, O.M. *see* Artem'ev, A.Yu. 1-46311
- Bakhyshov, A.E. *see* Tagirov, V.I. 1-20660
- Baki, M.M. Abd El *see* Abd El Baki, M.M.
- Bakioglu, M. Fracture of composite plates with perpendicular edge cracks 1-1888
- Bakirov, F.G. *see* Shaikhtudinov, Z.G. 1-15526
- Bakken, O.A. *see* Mar, B.W. 1-43747
- Bakken, P. *see* Traetteberg, M. 1-6382, 1-29134
- Bakker, H., Stolwijk, N.A., Hoetjes-Eljck, M.A. Diffusion kinetics and isotope effects for atomic migration via divacancies and triple defects in the CsCl (B2) structure 1-52343
- Bakker, H., Van Winkel, A. Vacancy formation, ordering, and vapour pressures of binary alloys 1-20193
- Bakker, H. *see* Stolwijk, N.A. 1-2427, 1-38578
- Bakker, H. *see* Van Ommen, A.H. 1-25258
- Bakker, J.V. *de* *see* Bakker, J.V.
- Bakker, M., Van Den Berg, M.S. A program to solve rotating plasma problems 1-19881
- Bakker, R. *see* Van Der Hucht, K.A. 1-49687
- Baklanov, A.M., Gorbunov, B.Z., Kravchenko, I.P., Koutzenogii, K.P., Makarov, V.I., Safatov, A.S., Sidorov, A.I., Silin, N.A. Dispersivity effects on the ice nucleating activity of copper acetyl acetate 1-48752
- Baklanov, E.V., Dubetskii, B.Ya., Ulybin, V.A. Two-photon resonance in a standing-wave field under conditions of longitudinal interaction with an atomic beam 1-51177
- Baklanov, E.V., Titov, E.A. Intensity of a linear resonance of the absorption by trapped particles 1-51168
- Baklykov, S.P. *see* Zakharov, Yu.A. 1-34753, 1-38582
- Bakonyi, I., Takacs, L., Tompa, K. Dipole-dipole interaction and short range order in amorphous Ni-P, Ni-Cu-P and Ni-P-B alloys 1-12417
- Bakonyi, I. *see* Cziraki, A. 1-2340
- Bakonyi, I. *see* Cziraki, A. 1-25166
- Bakos, J.S. Plasma diagnostics with lasers 1-25070
- Bakos, J.S., Foldes, I.B., Sorlei, Z. High intensity narrow light pulse produced by self-focusing in laser spark 1-6624
- Bakos, L. *see* Nagy, A.Z. 1-21820
- Bakowski, M., Cockrum, R.H., Maseran, J., Zamani, N. Measuring radiation effects on MOS capacitors 1-38858
- Bakowsky, L. *see* Herziger, G. 1-34175
- Bakradze, N.G., Moizrapishvili, K.M., Keshelashvili, L.V. Crystallization of water in plant specimens 1-35743
- Bak'rdziev, S.T. *see* Pandev, I.N. 1-27047
- Bakrunov, A.O., Ertanova, O.N., Lepeshinski, I.A., Reshetnikov, V.A., Shchukin, I.V. Holographic method of determining the velocity field of a disperse phase in a two-phase flow 1-38025
- Bakst, F.G., Ivanov, V.G. Theory of the low-voltage arc in xenon 1-25102

- Baksh, F.G., Rutkin, O.G. Plane probe in a subsonic flow of a weakly ionized gas 1-25064
- Baksh, R.B., Ratakhin, N.A., Kablambaev, B.A. Properties and expansion dynamics of the plasma of a nanosecond vacuum arc 1-25103
- Baktash, C., Saladin, J.X., O'Brien, J.J., Alessi, J.G. Electromagnetic properties of the low-lying states in heavy ($A \approx 190$) transitional nuclei 1-18596
- Baktash, C. *see* Alessi, J.G. 1-36897
- Baktash, C. *see* Horn, D. 1-45390, 1-45408
- Baktash, C. *see* Kreiner, A.J. 1-45407
- Baktybaev, K., Erokhina, K.I., Lemberg, I.Kh., Mishin, A.S. Structure of the excited states of ^{72}Se and ^{74}Se 1-23534
- Baktybaev, K.B., Abeldina, Zh.K. Generalized quasiparticle formalism in nuclear theory 1-33226
- Baktybaev, K.B., Kabulov, A.B. Interacting boson model and the structure of the states of even isotopes of ruthenium and molybdenum 1-633
- Bakulin, A.V. *see* Stepanov, I.A. 1-31755
- Bakulin, Yu.D., Loskutov, V.V., Luchinskii, A.V. Computations of the gas compression during the electrical explosion of cylindrical shells 1-19918
- Bakulin, Yu.D., Luchinskii, A.V. Estimates of the possibility of obtaining high energy densities in the electrical explosion of cylindrical shells 1-45727
- Bakulina, I.N., Blashenkov, N.M., Varshalovich, D.A., Lavrent'ev, G.Ya., Shustrov, B.N. Laboratory simulation of the physico-chemical processes in cosmic gas-dust clouds 1-13844
- Bakuma, T.D. *see* Antoshchuk, A.I. 1-52803
- Bakumenko, V.L., Kovalyuk, Z.D., Kurbatov, L.N., Tagaev, V.G., Chishko, V.F. Investigation of InSe-GaSe heterojunctions formed by optical contact. I. Electrical properties of the junctions in darkness 1-20865
- Bakumenko, V.L. *see* Aver'yanova, T.V. 1-42853
- Bakun, A.A. *see* Asnin, V.M. 1-47704
- Bakun, W.H. Seismic activity on the southern Calaveras Fault in central California 1-32357
- Bakun-Zuborov, N., Leliva-Kopystynski, J. Shape of the selected phase separation surfaces in some areas within the Earth's mantle 1-44176
- Bakunin, I.M., Markeev, A.K., Fomichev, V.V., Chertok, I.M. Peculiarities of the dynamic spectra of type V solar radio bursts 1-9467
- Bakut, P.A. *see* Aleksandrov, A.B. 1-15086
- Bal, J. *see* Mezykowski, T. 1-4324
- Bal, K.D. *see* Sharma, K.K. 1-35970
- Bala, S. *see* Saxena, T.K. 1-12112
- Balaban, A.T. *see* Bonchev, D. 1-51080
- Balaban, T. *see* Hoffmann, R. 1-51086
- Balabanov, E.I., Bukin, Yu.I., Lokmane, E.Ya., Dregeris, Ya.Ya., Rummyantsev, B.M., Semenov, L.V., Titov, V.V., Freimanis, Ya.F., Yudina, G.I. Studies of electrophotographic sensitivity and photoconductivity of poly-N-vinylcarbazole and poly-N-epoxypropylcarbazole films doped with some derivatives of naphthoquinone 1-48707
- Balachandra Rao, S. *see* Rudraiah, N. 1-24793
- Balagurov, A.H., Datt, I.D., Savenko, B.N., Shuvalov, L.A. Effect of electric field on the domain structure of KD_2PO_4 (neutron-diffraction data) 1-8021
- Balagurov, A.M. *see* Shuvalov, L.A. 1-26147
- Balagurov, A.Ya. *see* Simonov, B.M. 1-52414
- Balagurov, B.Ya. Conductivity of two-dimensional systems with macroscopic inhomogeneities 1-12087
- Balakin, V. *see* Antreasyan, D. 1-10287
- Balakirev, M.K., Bogdanov, S.V., Leonov, A.S. Generation of surface acoustic waves in a lithium niobate-germanium layer system 1-25547
- Balakrishna, S.S. *see* Gopichand, V. 1-16755
- Balakshiev, Yu.F. *see* Maksyutenko, B.P. 1-28514
- Balakshii, V.I., Parygin, V.N. Aperture synthesis in devices with spatial light-beam control 1-1683
- Balamator, N.N., Nil'sen, Yu.V. Strobbed integral pulse discriminator 1-1034
- Balamuth, D.P. *see* Young, K.C., Jr. 1-45455
- Baland, J.F. *see* Barth, M. 1-41018, 1-45377
- Balanesescu, A. Speech recognition: theory and application in microcomputers 1-1781
- Balankin, S.A., Gorbachev, L.P., Grigor'ev, E.G., Skorov, D.M. "Hollow spheres" model of powder densification 1-31379
- Balanston, R., Clarke, T.C., Rabolt, J.F., Street, G.B. Conducting polymer: polyparaphenylene sulfide-fluoro arsenate 1-3689
- Balanzat, E., Mairi, C., Hillairet, J. Quenched-in resistivity in relation to atomic movements in amorphous $\text{Fe}_{20}\text{Ni}_{40}\text{P}_{10}\text{B}_5$ and $\text{Cu}_{50}\text{Ti}_{50}$ 1-34675
- Balanzat, E. *see* Hillairet, J. 1-34371
- Balaraman, K.S., Mashekar, R.A., Doraiswamy, L.K. Transport accompanied by chemical reaction in stagnation flow 1-29793
- Balas, V., Chudoba, T., Sodomka, L. Light anomalous absorption in thin metal films 1-3516
- Balasanyan, R.N. *see* Agamalyan, N.R. 1-21241
- Balasanyan, S.Yu., Kobyl'skii, V.A. Nonuniform distribution of induced polarisation of geological media 1-13393
- Balashov, I.F., Berenberg, V.A., Ermakov, B.A. Producing an adjustable series of flashes in solid-state lasers 1-11006
- Balashov, I.F., Lodin, G.B., Lukin, A.V., Men'shikova, E.M., Nikolaev, Yu.A., Ryukhin, V.V. Portable laser microscoper for geological field investigations 1-9283
- Balashov, S.A. *see* Kramarov, M.A. 1-3933
- Balashov, V.A. *see* Efendiev, Sh.M. 1-52967
- Balashov, V.V., Berezhko, E.G., Kabachnik, N.M., Magunov, A.I. Excitation of resonance transitions in argon atoms by electron impact in the distorted-wave Born approximation: role of the imaginary part of the optical potential 1-33568
- Balashov, V.V., Kislyakov, E.F., Korotkiy, V.L., Wunsch, R. The role of coincidence experiments in studying the nuclear continuum with high-energy electrons and protons 1-10370
- Balashov, Yu.S., Chernyshev, A.V., Sanin, V.N. Acoustic properties of mixed alkali silicate glasses 1-15954
- Balashov, Yu.S., Chernyshev, A.V., Sanin, V.N. Low-temperature mechanical relaxation in alkali silicate glasses containing additions of oxides of alkaline earth metals. [Ultrasonic observations] 1-52233
- Balashov, Yu.S. *see* Andreev, I.V. 1-42462
- Balashov, Yu.S. *see* Skripnikov, V.A. 1-42450
- Balashova, L.L., Evdokimov, I.N., Mashkova, E.S., Molchanov, V.A. Focusing of particles in surface half-channels 1-31252
- Balasaghi, C. *see* Srinivasan, C. 1-53394
- Balasubrahmanyam, V.K. *see* Simon, M. 1-9338
- Balasubramanian, A., Radhakrishnan, M., Balasubramanian, C. An inexpensive digital crystal thickness monitor 1-28017
- Balasubramanian, C. *see* Balasubramanian, A. 1-28017
- Balasubramanian, C. *see* Mahalingam, T. 1-31090
- Balasubramanian, C. *see* Paramasivan, K.R. 1-39037
- Balasubramanian, K. Enumeration of internal rotation reactions and their reaction graphs 1-4085
- Balasubramanian, K. Graph theoretical characterization of NMR groups, nonrigid nuclear spin species and the construction of symmetry adapted NMR spin functions 1-6278
- Balasubramanian, N. New digital interferometric output analyzer and display system 1-28060
- Balasubramanian, N., DeBell, G.W. A new approach to high precision phase measurement interferometry 1-45000
- Balasubramanian, S. Comment on "use of the time evolution operator" 1-22981
- Balasubramanian, S. *see* Calla, O.P.N. 1-27166
- Balasubramanian, S. *see* Srinivasan, G.M. 1-16142
- Balasubramanian, T.K. *see* Ivancic, W. 1-48058
- Balasubramanian, T.V. *see* Mallan, K.V. 1-17295
- Balay, G.G., Hazarov, V.V., Ryabov, V.P., Frolov, Yu.G., Cherkasov, V.A. Activity of photographic receiving layers based on a hydrosol of silicon dioxide for diffusion photographic systems 1-40888
- Balazs, E.I. *see* Vanicek, P. 1-13617
- Balazs, L.A.P. Self-consistent calculation of old and new meson masses 1-50406
- Balazs, L.A.P., Nicolescu, B. Spherical bootstrap calculation of qq-q-baryon and multi-quark-hadron masses 1-23486
- Balboa, I.S., Manchester, F.D. The superconducting transition in the niobium-deuterium system 1-7766
- Balboa, L.C. *see* Alonso, J.A. 1-47518
- Balbashov, A.M. *see* Kim, P.D. 1-30997
- Balbashov, A.M. *see* Podpalyi, E.A. 1-41645
- Balberg, I. Determination of states distribution in hydrogenated amorphous silicon using MIS tunnel junction 1-20609
- Balberg, I. *see* Barzilai, S. 1-47888
- Balbin Villaverde, A. *see* Sharma, M.P. 1-19048
- Balbinot, R., Bergamini, R. Angular-momentum loss in evaporating black holes 1-36325
- Balboa, A.M., Gomez *see* Gomez Balboa, A.M.
- Balboshina, Z.M. *see* Lyanov, V.E. 1-25546
- Balbutser, E.B. Improved energy lower bound for the N-fermion system 1-36563
- Balcer-Kubiczek, E.K. *see* Harrison, G.H. 1-8923
- Balcerek, K. *see* Wlosewicz, D. 1-34676
- Balci, M., Jones, W.M. Chirality as a probe for the structure of 1,2-cycloheptadiene and 1,2-cyclohexadiene 1-51306
- Balciunienė, M.L., Dragunas, A.K., Makariunas, K.V. RMS displacements of tellurium atoms in $\text{A}^{\text{I}}\text{BVI}$ semiconductor crystals, and effective Debye temperatures. [Mossbauer observations] 1-21101
- Baldan, A., West, D.R.F. Structural features of certain Ni-Al-Ti and Ni-Al-Hf alloys containing the γ' - and β -phases 1-39308
- Baldasarro, P.F., Malaviya, B.K. Analysis of a hypothetical LMFBR disruptive accident by finite-element technique 1-50830
- Baldassarre, L., Martucci, V.A., Nitti, L. Thermal effects on biological tissues irradiated by a CO_2 laser 1-8907
- Balderes, T. *see* Hsieh, S.Y. 1-45736
- Baldersch, A. Local field effects in semiconductors 1-48000
- Baldersch, A. *see* Lipari, N.O. 1-47533
- Baldersch, A. *see* Guizzetti, G. 1-47455
- Baldes, M.W., Horlick, G. Photodiode array measurement system for implementing Abel inversions on emission from an inductively coupled plasma 1-15640
- Baldin, A.M. Multibaryon interactions at relativistic energies [nuclear physics] 1-14545
- Baldin, A.M. *see* Abdrakmanov, E.O. 1-722
- Baldin, B.Yu. *see* Abramov, V.V. 1-596
- Baldin, V.A., Borisov, E.V., Potapov, V.N., Kuznechikov, O.V., Egorov, M.I. Experimental evaluation of the main strain components of a material under plane stress 1-19658
- Baldini-Celio, R. *see* Bacci, C. 1-575
- Baldis, H.A., Corkum, P.B. Self-focusing of $10.6\text{-}\mu\text{m}$ radiation in an underdense plasma 1-6973
- Baldis, H.A. *see* Ebrahim, N.A. 1-19922
- Baldo, M., Gianiracusa, G., Lombardo, U., Pucci, R. Couplings between internal and translational degrees of freedom in isotropic superfluid Fermi systems 1-2755
- Baldock, R.A., Robson, B.A., Barrett, R.F. Nucleon exchange effects in ^{16}O - ^{16}O elastic scattering 1-28387
- Baldracchini, F. *see* Craigie, N.S. 1-14427
- Baldridge, W.S., Damon, P.E., Shafiqullah, M., Bridwell, R.J. Evolution of the central Rio Grande rift, New Mexico: new potassium-argon ages 1-32394
- Baldwin, A.B. *see* Wood, D.S. 1-39369
- Baldwin, A.C., van den Bergh, H. Collisional energy transfer from excited polyatomic molecules produced by infrared multiple photon absorption 1-46039
- Baldwin, A.F., III, Rush, S. New methods applicable to solutions of the forward ECG problem 1-32276
- Baldwin, A.R. *see* Anderson, B.D. 1-41109
- Baldwin, C.M., Mackenzie, J.D. Ionic transport in the $\text{BeF}_2\text{-CsF}$ glass system 1-30455
- Baldwin, D.A., Murray, T., Rabalais, J.W. Kinetic energy dependence of the reactions of N^+ and N_2^+ with molybdenum 1-35501
- Baldwin, D.G. *see* Carlson, T.N. 1-44234
- Baldwin, J.A., Wampler, E.J., Burbidge, E.M. Spectroscopy of neutral-colored QSO candidates 1-49843
- Baldwin, J.E., Lynden-Bell, D., Sancisi, R. Lopsided galaxies 1-4978
- Baldwin, J.R. *see* Mavrodineanu, R. 1-6642
- Baldwin, M.E. *see* Akyuz Mattei, J. 1-27534
- Baldwin, M.E. *see* Mattei, J.A. 1-32713
- Baldwin, M.N. *see* Hoover, G.S. 1-28595
- Baldwin, S., Drew, H.D. Phonon-subband exciton interaction in bismuth 1-30641
- Baldwin, T.S. *see* Grisham, D.L. 1-50976
- Baldy, M. *see* Nouaithat, A. 1-30671
- Bales, E. *see* Abdrakmanov, E.O. 1-722
- Bales, O. *see* Abdrakmanov, E.O. 1-722
- Bales, O. *see* Angelov, N. 1-18689
- Baleisis, S.A., Vekelis, J.J. Electrical conductivity of vanadium dioxide films 1-16387
- Balej, J. *see* Pekarek, V. 1-39670
- Balek, V., Chubarian, E.V. Stability of superdense stars in the bimetric theory of gravitation 1-36311
- Balendra, T. Interface waves involving cavitation at a fluid-solid boundary 1-11432
- Balescu, R. Self-similar state of a weakly turbulent plasma 1-34078
- Balescu, R. Plasmadynamics near a self-similar turbulent state 1-42136
- Balesdent, D. *see* Schuffenecker, L. 1-47257
- Balestra, F., Bussa, M.P., Busso, L., Garfagnini, R., Gervino, G., Piragino, G., Falomkin, I.V., Lyashenko, V.I., Panyushkin, V.A., Pontecorvo, G.B., Sapozhnikov, M.G., Shcherbakov, Yu.A., Maggiora, A. Proton knockout from ^4He by $135\text{-MeV } \pi^+$ mesons 1-28504
- Balestri, B., Bertin, P.Y., Coupau, B., Fournier, G., Gerard, A., Lingemann, E.W.A., Miller, J., Morgenstern, J., Picard, J., Saghai, B., Seth, K.K., Tzara, C., Vernin, P. Experimental study of the π^+ interaction with protons and deuterons at low energy 1-28343
- Balestrino, G., Geller, S., Tolksdorf, W., Willich, P. Composition-dependent spin-orientations in silicon-substituted yttrium iron garnets 1-12440
- Baleva, M. On the optical properties and electronic structure of AgSbTe_2 1-8090
- Baleva, M., Borisova, L. Absorption edge of solid solutions of $(\text{Ag}_{1-x}\text{Pb}_x\text{Sb}_{1-x})\text{Te}$ type 1-16580
- Balevics, L.Z. *see* Gineityte, V.L. 1-19033
- Balevics, M.Z. *see* Balevics, V.I. 1-17049
- Balevics, V.I., Kimtyls, L.L., Balevics, M.Z., Misunias, G.A. ^1H NMR spectroscopic study of complexing in the system trimethylacetic acid-dimethyl sulfoxide-carbon tetrachloride 1-17049

- Balezin, S.A., Gorin, L.F., Nikol'skii, I.V.** Influence of a strippcoat on the oxidation rate and ductility of 15A steel-rolled products 1-53355
- Balfour, J.D., Fallows, T., Gane, C.R., Jones, R.C., Lis, J., Preece, R.J., Gill, G.M.** Application of a two-dimensional boiler model to design and operational problems in AGR and Magnox power stations 1-28559
- Balfour, W.J.** The 280-nm absorption system of benzoyl fluoride 1-41394
- Balfour, W.J., Orth, F.B.** A spectrum of rhenium oxide 1-51220
- Balian, R., Audouze, J., Schramm, D.N. (editor)** Physical Cosmology. Proceedings of the Les Houches Summer School, Session XXXII 1-27684
- Balibar, F.** Dynamical theory of X-ray propagation in distorted crystals 1-42258
- Balick, B., Boeshaert, G.O., Gull, T.R.** The giant galactic H II region NGC 3603: optical studies of its structure and kinematics 1-44605
- Baliga, B.** Jayant see Jayant Baliga, B.
- Balik, C.M., Hopfinger, A.J.** Epitaxial morphologies of polyoxymethylene on mica 1-38682
- Balik, J.** see Saxlova, M. 1-43354
- Balicki, B., Briar, P.N.** Microwave spectrum of the C_2 molecule IF; in the excited vibrational states $v_2(B)=1$ and $v_2(E)=1$ -analysis of the v_2-v_3 Coriolis resonance 1-45943
- Balint, I.** see Ban, M.I. 1-6131
- Balint-Kurti, G.G., van Lenthe, J.H., Saktreger, R., Eno, L.** EDWIN-a program for calculating inelastic molecular collision cross sections using the exponential distorted wave and related approximate methods 1-1310
- Balint-Kurti, G.G.** see van Lenthe, J.H. 1-19034
- Balitskii, Yu.V.** see Boldeskul, I.E. 1-1230
- Baliunas, S.L.** see Garcia, M. 1-4996
- Balk, P.** see El-Dessouky, A. 1-34803
- Balkanski, M.** see Chang, H. 1-48144
- Balkanski, M.** see Kanehisa, M.A. 1-26263, 1-47183
- Balkanski, M.** see Morhange, J.F. 1-52072
- Balkarel, Yu.L., Sandomirskii, V.B.** Thermoconcentration nonequilibrium system near a stratification instability 1-2646
- Balkarich, V.L.** see Polyakov, S.A. 1-31554
- Balkericus, P., Kosenko, E., Lukosius, J., Maldutis, E.** SBS influence on laser damage of optical materials 1-17533
- Balko, B., Bowen, P., Berger, R.L., Anderson, K.** Fast stopped-flow microcalorimetry 1-50134
- Balko, E.N.** Heat rejection and thermal efficiency in model hydrogen-halogen fuel cell systems 1-48828
- Balko, V.P.** see Podbereskaya, N.V. 1-30183
- Balkowski, C., Le Denmat, G., Nottale, L.** Optical and radio determination of radial velocities of parent galaxies of supernovae 1-40568
- Bali, A.** see Heathcock, C.J. 1-16908
- Bali, A.H.** see Aston, D. 1-14399, 1-45297, 1-50442
- Bali, A.H.** see Bartel, W. 1-18500, 1-45253, 1-45254
- Bali, A.H.** see O'Neill, L.H., Jr. 1-50443
- Bali, D.** see Hovis, W.A. 1-54282
- Bali, E., Staniforth, J.A.** Transfer impedance between circular coils separated by thick nonferrous metal sheets 1-24324
- Bali, G.C., Hauser, O., Alexander, T.K., Davies, W.G., Forster, J.S., Mitchell, I.V., Beene, J.R., Horn, D., McLatchie, W.** Electric quadrupole moments of the first excited states of ^{28}Si , ^{32}S and ^{34}S 1-18558
- Bali, G.C.** see Alexander, T.K. 1-34376
- Bali, G.J.** Infrared and photoluminescence studies of a-Ge₂Se₃ 1-21275
- Bali, J.** see Beckerman, M. 1-10401
- Bali, J.A.R., Khan, P.J.** Source region electric field derivation by a dyadic Green's function approach 1-1437
- Bali, J.B.** see Rester, A.C. 1-5697
- Bali, J.R., Thomson, C.** Quantum chemical investigations of charge transfer interactions in relation to the electronic theory of cancer. II 1-19018
- Bali, J.R., Thomson, C.** Quantum chemical investigations of charge transfer interactions in relation to the electronic theory of cancer. IV. The interaction of formamide and the enol tautomers of several blyoxals 1-46110
- Bali, J.S.** Infra-red behavior of the running coupling constant in QCD 1-28211
- Bali, J.S., Ting-Wai Chiu** Analytic properties of the vertex function in gauge theories. I 1-23435
- Bali, J.S., Ting-Wai Chiu** Analytic properties of the vertex function in gauge theories. II 1-23436
- Bali, J.S., Zachariassen, F.** Infrared properties of the gauge theory coupling constant. III 1-5588
- Bali, J.T.** see Atwater, M.A. 1-44283
- Bali, J.T.** see Parikh, J.A. 1-13550
- Bali, L.A.** see Beasley, T.M. 1-8777
- Bali, M.A., Hajaja, S.** The derivation of force constant information from experimental data 1-52243
- Bali, R.** see Klein, J. 1-30099
- Ball, R.M., Perrone, P.F., Lexa, A.F.** The reactor-TMI-2 success and guide to future nuclear data systems 1-18823
- Balladore, J.L., Martinez, J.P., Jouffrey, B., Trinquier, J., Verdier, P.** Total elastic scattering cross sections for electrons with energies between 1.2 and 3 MeV 1-15770
- Balladore, J.L., Soum, G., Martinez, J.P., Arnal, F.** Monte Carlo method applications in electron microscopy 1-15771
- Balladore, J.L.** see Martinez, J.P. 1-30007
- Balladore, J.L.** see Soum, G. 1-42267
- Ballagh, R.J.** see Burnett, K. 1-14984
- Ballal, M.A.** see Hoodless, D.J. 1-4378
- Balland, B., Marchand, J.J., Briot, R., Grange, G.** X-Y plotter capacitance meter interface for deep level spectroscopy 1-36701
- Ballani, L.** see Fanzelau, G. 1-40205
- Ballantyne, A.** see Duzi, C. 1-12606
- Ballantyne, J.M.** see Gammel, J.C. 1-45016
- Ballantyne, J.M.** see Wagner, D.K. 1-25812
- Ballard, A.H.** Rosette constellations of Earth satellites 1-17755
- Ballard, D.G.H., Burgess, A.N., Crowley, T.L., Longman, G.W., Schelten, J.** Structure of polyolefins in the solid state as revealed by small-angle neutron scattering 1-42326
- Ballard, E.O.** see Tallman, C.R. 1-11096
- Ballard, P.T.** Auto-aligning laser bore sight 1-33791
- Ballard, R.D.** see Juteau, T. 1-27151
- Ballard, W.W., Burch, W.D.** The role of the consolidated fuel reprocessing program in the United States breeder reactor program 1-18859
- Ballario, C., Bonincontro, A., Cametti, C., Di Biasio, A.** Dielectric properties of water-cellulose system at microwave frequencies 1-31082
- Ballato, A.** see Tiersten, H.F. 1-21134
- Balle, T.J., Flygare, W.H.** Fabry-Perot cavity pulsed Fourier transform microwave spectrometer with a pulsed nozzle particle source 1-50183
- Balle, T.J.** see Buxton, L.W. 1-33478
- Balle, T.J.** see Campbell, E.J. 1-45027, 1-45940
- Balle, T.J.** see Keenan, M.R. 1-10755, 1-51192
- Ballentine, L.E.** Skew scattering and the Hall effect in liquid metals 1-30694
- Ballentine, L.E.** The Hall effect in liquid metals 1-34690
- Baller, T.** see De Vries, M.S. 1-6327
- Baller, T.** see Van Veen, N.J.A. 1-53436
- Ballereau, D.B., Hubert, A.M., Busquets, J., Fabregat, J., Rivas, L., Misson, J.C., Figer, A.** HD 58050 1-36299
- Ballereau, A.** see Allen, N.L. 1-20014
- Ballesteros, J.-L.** Photo-voltaic cells: 5 questions 1-43764
- Ballestra, S.** see Holm, E. 1-17624
- Ballestra, S.** see Thein, M. 1-22363
- Balleu, J.-C.** see Le Balleur, J.-C.
- Ballieu, E.** Observation and statistics of sunspots in 1970 1-32690
- Ballier, L., Bauman, A.H., Wantshouse, R.A., Wylie, T.J.** Self-aligning edge emitter for fiber optics 1-16136
- Balliet, B., Romero, C.N., Wantshouse, R.** Optical fiber connector having a built-in magnifier 1-41852
- Balliger, N.K., Gladman, T.** Work hardening of dual-phase steels 1-53203
- Balilik, E.A.** see Reid, J. 1-9264
- Balilik, E.A.** see Znotins, T.A. 1-29266
- Balling, L.C.** see Wright, J.J. 1-6192
- Ballinger, R., Pelloux, R.M.** The anisotropic mechanical behavior of Zircaloy-2 1-39407
- Ballini, V.** see Palmer, J.F. 1-12110
- Ballou, E.V.** see Wyderen, T. 1-39695
- Balluffi, R.W., Granato, A.V.** Dislocations, vacancies and interstitials 1-2460
- Balluffi, R.W.** see Bristow, P.D. 1-2434
- Balluffi, R.W.** see Brokman, A. 1-52152
- Ballutaud, D., R'Kha, C., Livage, J.** ESR of TeO₂-doped V₂O₅ single crystals 1-31014
- Bally, J., Balonek, T.J., Cohen, N.L., Zeilik, M., II** Carbon monoxide observations of IRC 10442 1-9720
- Balmmain, K.G., Hirt, W.** Dielectric surface discharges: dependence on incident electron flux 1-34985
- Bal'makov, M.D.** see Efimov, A.M. 1-52078
- Bal'mashnov, A.A.** On the self-focusing of whistler waves in a radial inhomogeneous plasma 1-15618
- Balmer, R.T.** see Kovac, J.P. 1-37945
- Balmino, G.** see Boderries, N. 1-44463
- Balobolkina, A.N., Abionyan, S.V., Ivanov, S.P.** Purification of fluoride-containing gas from the chemical polishing of lead crystal glass 1-12899
- Balog, J., Patkos, A.** Is there a tensorial condensate in the ground state of QCD? 1-23477
- Balogh, S.M., Hakila, E.A.** Measurement trends for future safeguards systems 1-18761
- Balogh, L., Darvas, Z., Lanyi, M.** Measurement of the deformation of a tensile test piece on video principle 1-14098
- Balona, L.A., Dean, J.F., Stobie, R.S.** The oscillation modes of δ Scuti 1-36306
- Balona, L.A., Stobie, R.S.** Mode discrimination in nonradially oscillating stars from light, colour and velocity observations 1-40475
- Balonek, T.J., Dent, W.A.** A second correlated radio-optical outburst in the BL Lacertae-type quasi-stellar object 0235+164 1-13871
- Balonek, T.J.** see Bally, J. 1-9720
- Balossier, G.** see Laberrigue, A. 1-50280
- Balota, N.N.** see Zyubrik, A.I. 1-53010
- Balseiro, C.** see Allub, R. 1-7842
- Balshaw, K.M.** see Anderson, J.B. 1-27148
- Bal'shin, M.Yu.** Control over the properties of sintered ductile materials 1-3654
- Balslev, E.** Analytic scattering theory for many-body systems below the smallest three-body threshold 1-86
- Balslev, E.** Analytic scattering theory of quantum mechanical three-body systems 1-5122
- Balslev, I.** Spectroscopic search for the free carrier screening of the excitonic binding 1-3416
- Balslev, I.** The metal-insulator transition in electron-hole systems 1-16233
- Balsley, B.B.** see Ogata, T. 1-40252
- Balsom, J.L.** see Purohit, A. 1-48583
- Balta-Calleja, F.J., Hosemann, R.** Distribution of chain defects and microstructures of melt crystallized polyethylene. II. Influence of defect size and of plastic deformation 1-2348
- Balta-Calleja, F.J., Hosemann, R.** The limiting size of natural paracrystals 1-34186
- Balta-Calleja, F.J., Mead, W.T., Porter, R.S.** Microhardness of extruded high density polyethylene fibers 1-44897
- Balta-Calleja, F.J.** see Hosemann, R. 1-34242
- Baltensperger, W.** see Helman, J.S. 1-2901
- Balter, A.** see Bauer, R.K. 1-6309
- Balter, S., Kuhl, W.** Medical image intensifier in 1980 (what really happened) 1-43978
- Baltes, H.P.** Progress in inverse optical problems 1-51361
- Baltes, H.P., Ferwerda, H.A., Glass, A.S., Steible, B.** Retrieval of structural information from the far-zone intensity and coherence of scattered radiation 1-41610
- Baltes, H.P., Wolfe, W.L.** K correlations and facet models in diffuse scattering: experimental evaluation 1-29215
- Baltes, H.P.** see Selloni, A. 1-41765
- Baltes, H.P. (editor)** Inverse scattering problems in optics 1-49889
- Balthasar, H., Wohl, H.** Differential rotation and meridional motions of sunspots in the years 1940-1968 1-32681
- Balthasar, W., van Rijnsoever, J.W.M.** Hydrogen is safe 1-43831
- Baltog, I., Marculescu, L., Mihut, L., Frunza, S., Ghita, C.** Optical properties of NaI:Pb single crystals 1-21246
- Baltog, I.** see Ghita, C. 1-26230
- Baltreayunas, R., Kuokstis, E.** Amplification of light in electron-hole drops in ZnSe single crystals 1-3438
- Baltreayunas, R., Kuokstis, E.** Edge luminescence of ZnS single crystals under strong photoexcitation conditions 1-16606
- Baltreayunas, R., Kuokstis, E.** Electron-hole liquid in ZnSe single crystals 1-12584
- Baltreayunas, R., Vaitkus, Yu., Kalinkin, I.P., Nyunka, V.** Luminescence of a degenerate electron-hole plasma in oriented single-crystal films of CdSe 1-31193
- Baltreayunas, R., Vaitkus, J., Kuokstis, E.** Edge luminescence of ZnSe single crystals in temperature range 77-300K under strong optical excitation 1-21273
- Baltz, A.J.** see Carlson, B.V. 1-41131
- Baltz, R.von** see von Baltz, R.
- Baluer, A.V., Kozhina, I.I., Suglobova, I.G.** On uranyl acetate monohydrate 1-43661
- Baluja, K.L., Burke, P.G., Kingston, A.E.** Electron impact excitation of some forbidden transitions in Ne V 1-24260
- Baluja, K.L., Burke, P.G., Kingston, A.E.** Electron impact excitation of transition among states with configurations $2p^2$, $2s2p^3$ and $2p^4$ in O III 1-29122
- Baluja, K.L., Doyle, J.G.** Transition probabilities and line intensity ratios of transitions within the ground-state configuration of O III 1-33423
- Balyanz, J.L.** Effect of wall conduction and radiation on natural convection in a vertical slot with uniform heat generation on the heated wall 1-6863
- Balyavichyus, L.Z.** see Gineitite, V.L. 1-6167
- Balyberdin, V.S.** Methods used to measure microscopical strains 1-41993
- Balygin, A.K., Burmykin, I.I., Vasil'ev, L.A., Golyshkov, A.N., Loktev, O.A., Marchenko, V.B., Morozov, V.A., Semenov, A.K., Filippov, V.P.** Experimental investigation of the electric potential induced by exposure of opaque condensed obstructions to laser radiation 1-53019
- Balykin, A.V., Kiyanskaya, L.A., Kurochkin, V.E., Yagunov, A.S.** Flow pulse cytoluorimeter with enhanced sensitivity 1-44051

- Balynas, V., Dobrovolskis, Z., Hoerstel, W., Krotkus, A. Negative differential conductivity at high electric fields in intrinsic tellurium 1-25738
- Balyuk, V.V., Dyadyura, V.A., Zorin, Yu.M., Kanevskii, Yu.S., Samofalov, K.G. Acceleration of seismic shooting data processing by special-purpose processors of various architecture 1-9099
- Balyunis, L.E. *see* Fesenko, O.E. 1-21143
- Balz, R., Haller, M., Hertler, W.E., Lutz, O., Nolle, A., Schafheit, R. ¹²⁵Ie NMR studies of indirect and direct dipole-dipole coupling in polycrystalline CdTe, HgTe, and PbTe 1-16490
- Balzani, V. *see* Orlandi, G. 1-19209
- Balzano, V.A., Weedman, D.W. The near-infrared properties of galactic nuclei 1-54612
- Balzarotti, A. *see* De Crescenzi, M. 1-31232
- Balzer, R., Kroggel, O., Spalt, H. Determination of the structure of the self-interstitial atom in solid argon from diffuse X-ray scattering 1-25259
- Balzer, W. Calcium carbonate saturation by alkalinity difference measurement 1-17701
- Bam-Zelikovich, G.M. Direction of streamlines near the wall in a three-dimensional turbulent boundary layer 1-51756
- Bambakidis, G. *see* Pershing, M.W. 1-30377
- Bambas, K.J., Barnes, L.D. Advanced integrated safeguards at Barnwell 1-14622
- Bamberger, A., Bruning, H., Brundiers, H.-J., Fischer, U., Hartung, R.W., Maier, R., Runge, K., Schafer, K., Weber, H.-C. A study of the reactions $K^0 \rightarrow \Lambda \pi^+$ (backward) and $K^0 \rightarrow \Sigma^0 \pi^+$ (backward) for kaon momenta between 1 and 8 GeV/c 1-14417
- Bamberger, A., Chavent, G., Lailly, P. An optimal control solution of the inverse problem of reflection seismics 1-9119
- Bambini, A., Lindberg, M., Stenholm, S. Power series solutions for the free electron laser 1-1541
- Bamburov, V.G. *see* Vidrevich, M.B. 1-39700
- Bame, S.J. *see* Paschmann, G. 1-9329
- Bamford, D.J. *see* Weissbach, J.C. 1-41418
- Bamford, J.M., Wilson, I.M., Atkinson, D., Bench, R.J. Pure tone audiograms from hearing-impaired children. I. A statistical approach to summarizing audiogram information 1-43881
- Bamford, W.H., Moon, D.M. Some mechanistic observations on the crack growth characteristics of pressure vessel and piping steels in PWR environment 1-26656
- Bamji, S.S., Kao, K.J., Perlman, M.M. Piezoelectricity and pyroelectricity of polyvinylidene fluoride corona-poled at elevated temperature 1-39032
- Bamji, S.S. *see* Kao, K.J. 1-27940
- Bampi, F., Morro, A. Relativistic heat equation in causal nonstationary thermodynamics 1-211
- Bampi, F., Morro, A. Objectivity and objective time derivatives in continuum physics 1-18011
- Bampi, F., Morro, A. Non-stationary thermodynamics and wave propagation in heat conducting viscous fluids 1-44867
- Bampi, F., Morro, A. Mixture approach to a model for sediment transport 1-46801
- Bamzai, A.S., Deb, B.M. The role of single-particle density in chemistry 1-37357
- Ban, M.I., Balint, I., Revesz, M. Simulated semiempirical molecular orbital calculations. I. Transferability of Fock matrix elements 1-6131
- Ban, S. *see* Nakamura, T. 1-45567
- Ban, T. *see* Kojima, N. 1-8087
- Ban, Y., Tanimura, K., Itoh, N. De-excitation of electron- and hole-excited states of self-trapped excitons in RbI 1-20636
- Ban, Z. *see* Blazina, Z. 1-33294
- Ban, Z. *see* Paljevic, M. 1-26663
- Ban-ya, S. *see* Maruyama, N. 1-30393
- Banach, R. Topology and renormalisability 1-153
- Banavar, J.R., Gomer, R. Density fluctuation autocorrelation functions for surface diffusion with various boundary conditions 1-2818
- Banavar, J.R., Grest, G.S., Jasnow, D. Ordering and phase transitions in antiferromagnetic Potts models 1-16451
- Banavar, J.R. *see* Ditzian, R.V. 1-12320
- Bance, P.A., Gray, K.E. Search for vortex unbinding in two-dimensional superconductors 1-34838
- Banchak, R.J. *see* Nelson, M.E. 1-8768
- Band, I.M., Kharitonov, Yu.I., Trzhasovskaya, M.B. Photoionization cross sections and photoelectron angular distributions for X-ray line energies in the range 0.132-4.509 keV. Targets: $1 \leq Z \leq 100$ 1-10699
- Band, Y.B., Aizenbud, B.M. Resonance Raman scattering amplitude calculations for diatomic molecules 1-28978
- Band, Y.B. *see* Kafri, O. 1-36591
- Banda, B.M. *see* Dick, R.S., Jr. 1-48888
- Banda, E., Ansgore, J. Crustal structure under the central and eastern part of the Betic Cordillera 1-4468
- Banda, E., Ansgore, J., Boloxi, M., Cordoba, D. Structure of the crust and upper mantle beneath the Balearic Islands (Western Mediterranean) 1-9122
- Banda, E. *see* Gallart, J. 1-44127
- Banda, I.M.D. Electrical properties of cadmium telluride and associated devices 1-25764
- Bandelloni, G., Blasi, A., Collina, R. Vacuum instabilities in models with spontaneous symmetry breaking 1-36826
- Bander, M. *see* Jargocki, C. 1-32905
- Bander, M. *see* Kares, R.J. 1-14271
- Bandera, R.P., Gavin, P.H., Rohr, P.C. Evaluation of coarse-mesh methods in calculation of safety-related parameters 1-45713
- Bandet, J., Malavaud, A., Quemener, Y. Anisotropy of electronic excitations in MoS₂ by low-energy electron angle-resolved loss spectroscopy 1-12611
- Bandiliyat, O.I., Zemlyankin, G.I., Kanonidi, Kh.D., Chernysheva, S.P., Sheftel', V.M. Magnetic activity and vertical component of the geoelectric field at high latitudes 1-4712
- Bandin, O.L., Chizhevskii, A.N., Sharshukov, G.K. Analysis of the elastoplastic state of a spherical shell with stub pipe taking compressibility of the material into account 1-41956
- Bando, A. *see* Mitomo, M. 1-21533
- Bando, H. Self-consistent coupled multiple-scattering equations for particle-particle and particle-hole interactions 1-41063
- Bando, M. *see* Abe, Y. 1-33178
- Bando, Y., Iijima, S., Kawamoto, Y., Tomozawa, M. Application of STEM to elemental analysis in glass 1-31935
- Bando, Y., Saeki, M., Onoda, M., Kawada, I., Nakahira, M. (2H)₂-2C type superstructure of TiS_{1.62}, determined by high-resolution electron microscopy 1-20149
- Bando, Y. *see* Akiyama, T. 1-47052
- Bando, Y. *see* Ikeda, Y. 1-48653
- Bando, Y. *see* Shigematsu, T. 1-2836
- Bandopadhyay, P.C., Ambrose, C.W. A generalised length dimension for non-circular ducts 1-29779
- Bandopadhyaya, T.K. *see* Indurakha, B. 1-43743
- Bandrauk, A.D., Sink, M.L. Photodissociation in intense laser fields: predissociation analogy 1-46040
- Bandrauk, A.D. *see* Sink, M.L. 1-24201
- Bandrowski, J., Kubacka, A. On the condensation of multicomponent vapours in the presence of inert gases 1-33885
- Bandura, V.M. *see* Naumenko, V.M. 1-3164
- Bandy, A.R. *see* Maroulis, P.J. 1-17648, 1-40167
- Bandy, A.R. *see* Torres, A.L. 1-40169
- Bandy, R. The simultaneous determination of Tafel constants and corrosion rate—a new method 1-48599
- Bandopadhyay, A.K. Optical and ESR investigation of borate glasses containing single and mixed transition metal ions 1-38974
- Bandopadhyay, A.K., Chatterjee, S., Subramanyam, S.V., Bulka, B.R. Electrical resistivity study of some organic charge transfer complexes under pressure 1-12101
- Bandopadhyay, A.K., Zarzycki, J., Auric, P., Chappert, J. Magnetic properties of a basalt glass and glass-ceramics 1-3307
- Bandopadhyay, G., Buzzell, J.A., Hofman, G.L. Microstructural studies of irradiated mixed-oxide fuels subjected to multiple, mild thermal transients 1-774
- Bandopadhyay, G. *see* Fenske, G.R. 1-10483
- Bandopadhyay, P. Large structure with a characteristic upstream interface in turbulent boundary layers 1-19684
- Bandopadhyay, P. *see* Head, M.R. 1-2122
- Bandopadhyay, P.C., Chaki, T.K., Srivastava, S., Sanyal, G.S. Dielectric behavior of polystyrene foam at microwave frequency 1-47997
- Bandopadhyay, S., Brown, H.R. Crazing and shear lip formation in the notched crack propagation of a high density polyethylene in air 1-48510
- Bandopadhyay, S., Brown, H.R. Direct evidence for the existence of a craze at the crack tip in environmental stress cracking of polyethylene 1-48546
- Bandopadhyay, S.K. *see* Ghosh, C.K. 1-47615
- Bandzaitis, A., Kupliauskienė, A., Kupliauskis, Z., Tutlys, V. Theoretical determination of the position of the autoionization lines of neon in the configuration $1s^2 2s^2 2p^6 ({}^3P) 3s^3$ 1-10678
- Banerjee, A., Dutta Choudhury, S.B. Static gravitational and Maxwell fields in the general scalar tensor theory 1-27840
- Banerjee, A., Simons, J. The coupled-cluster method with a multiconfiguration reference state 1-51092
- Banerjee, A. *see* Shanthi, E. 1-7763, 1-42874
- Banerjee, A.K. *see* Chowdhury, A. 1-22439
- Banerjee, A.K. *see* Singh, R. 1-22436
- Banerjee, B., Sengupta, B.J., Pal, B.P. Apparent resistivity of a multilayered Earth with a layer having exponentially varying conductivity 1-4418
- Banerjee, B., Sengupta, B.J., Pal, B.P. Resistivity sounding on a multilayered Earth containing transition layers 1-40212
- Banerjee, B. *see* Antia, H.M. 1-32616
- Banerjee, D.P. *see* Goswami, K. 1-11909
- Banerjee, H.D. *see* Acharya, H.N. 1-12679
- Banerjee, M., Bhatnagar, K.G. A count rate integrator for use with X-ray spectroscopy work 1-10053
- Banerjee, M. *see* Bhattacharyya, S.P. 1-6163
- Banerjee, M.K. *see* Nien-Chih Wei 1-14471, 1-14472
- Banerjee, P.K. *see* Ramakrishna, M. 1-13519
- Banerjee, P.K. *see* Sarkar, S.K. 1-4575
- Banerjee, P.N., Datta, M., Bhattacharya, D.L. Electrical conduction in amorphous As₂S₃ films 1-42784
- Banerjee, P.P. *see* Korpel, A. 1-49949
- Banerjee, R. *see* Durgapal, M.C. 1-27548
- Banerjee, R. *see* Ray, S. 1-12215
- Banerjee, R.S., Chowdhury, A.R., Roy, T. Soliton like solution of the massive Thirring model in a singular perturbation approach 1-36789
- Banerjee, S. Two-phase-flow void fraction measurements using neutron beams 1-19790
- Banerjee, S., Gemenetis, V., Thummler, F. Liquid phase formation during sintering of low-alloy steels with carbide-base master alloy additions 1-39272
- Banerjee, S. *see* Keever, M. 1-47736
- Banerjee, S. *see* Lee, M.H. 1-20355
- Banerjee, S.B. *see* Ganguly, T. 1-12521
- Banerjee, S.N. *see* Deb Ray, G. 1-17762
- Banerji, S., Mondal, D.R. Emission from charged white holes 1-36326
- Banerji, S. *see* Chatterjee, S. 1-9896
- Banerji, S. *see* Ray, M.K. 1-38020
- Bang, J. The asymptotic shape of nuclear wave functions and overlaps 1-689
- Bang, J. The asymptotic shape of nuclear wave functions and overlaps 1-28394
- Bang, J., Hansteen, J.M. Considerations on a scaling law related to ionization and pair-production phenomena in ion-atom collisions 1-37318
- Bang, J. *see* Zhukov, M.V. 1-10339
- Bang, J.M., Vaegen, J.S. The Sturman expansion: a well-depth method for orbitals in a deformed potential 1-10309
- Bang-Hua Wang *see* Wang Bang-Hua
- Bang-hui Wu *see* Wu Bang-hui
- Bangad, M. Some physical properties of plane diabatic gas flows 1-11417
- Bangert, E. *see* Klitzing, K.V. 1-52639
- Bangert, H., Pfefferkorn, H. Condensation and stability of ZnS thin films on glass substrates 1-30578
- Bangert, H. *see* Wagendristel, A. 1-7488
- Bangert, V., Mansfield, Coupland, R.E. Whole-body tomographic imaging by NMR 1-39981
- Bangert, V. *see* Pykett, I.L. 1-43945
- Bani, J. *see* Brandstetter, A. 1-4175
- Bania, T.M. Carbon monoxide in the inner galaxy: the 3 kiloparsec arm and other expanding features 1-49798
- Bania, T.M. *see* Giguere, P.T. 1-9421
- Banic, C.M., Iribarne, J.V. Nucleation of ammonium chloride in the gas phase and the influence of ions 1-43710
- Banic, J., Efthimiopoulos, T., Stoicheff, B.P. Gain and saturation intensity measurements of a mode-locked Krf oscillator-amplifier 1-24398
- Banichuk, N.V. *see* Albul, A.V. 1-15430
- Banik, G., Schmitt, T., Ettmayer, P., Lux, B. Thermodynamical aspects on the system Cr-Cr₂O₃ 1-8288
- Banik, G., Schmitt, T., Wrusc, W., Lux, B. Experiments to produce by electric arc melting ceramic-metal eutectics which contain metallic fibres 1-16750
- Banik, G. *see* Schmitt, T. 1-8300, 1-38509
- Banin, E.S. *see* Kurbatov, L.N. 1-3022
- Banjovic, R.A., Zagzebski, J.A. Ultrasonic pulse-echo beam width and axial response approximations for clinical broadband focused transducers 1-53847
- Bankoff, S.G. *see* Jones, S.W. 1-45690
- Bankovskis, A., King, P.J., Monk, D.J. Acoustic relaxation due to Ni²⁺ ions in Al₂O₃ 1-42476
- Banks, E., Makajima, S., Shone, M. New complex fluorides EuMgF₄, SmMgF₄, SrMgF₄, and their solid solutions: photoluminescence and energy transfer 1-26253
- Banks, E. *see* Avigal, Y. 1-20732
- Banks, M.S. *see* Green, D.G. 1-8852
- Banks, P.M., Williamson, P.R., Oyama, K.-L. Electrical behavior of a Shuttle Electrodynamic Tether System (SETS) 1-54317
- Banks, P.W., Brand, S., Jaros, M. Optical cross sections associated with deep levels in semiconductors. I 1-21257
- Banks, P.W., Brand, S., Jaros, M. Optical cross sections of deep levels in semiconductors 1-47542
- Banks, R.H., Edelstein, N. Vibrational spectra and normal coordinate analysis of neptunium (IV) borohydride and neptunium (IV) borodeuteride 1-10726

- Banks, T.**, Yankielowicz, S., Schwimmer, A. Anomaly constraints in chiral gauge theories 1-14232
- Banks, T.** see Frishman, Y. 1-33166
- Banner, D.W.**, Nave, C., Marvin, D.A. Structure of the protein and DNA in FD filamentous bacterial virus 1-48948
- Bannjeri, R.** see Durgapal, M.C. 1-22896
- Bannister, J.J.** see Baker, H.J. 1-29347
- Bannister, R.W.**, Pedersen, M.A. Low-frequency surface interference effects in long-range sound propagation 1-37666
- Bannister, T.T.** see Rice, G.E. 1-13221
- Banno, M.** see Kojima, T. 1-50252
- Bannon, P.R.** Rotating barotropic flow over finite isolated topography 1-29703
- Ban'olessi, V.M.** see Malovitskiy, V.P. 1-4494
- Bansal, J.L.** On a class of 'non-similar' solutions of compressible boundary layer equations 1-6842
- Bansal, L.K.** see Kumar, V. 1-25394
- Bansal, M.L.**, Deb, S.K., Roy, A.P., Sahni, V.C. New phase transition in LiKSO₄ 1-38532
- Bansal, P.K.** see Kaushik, N.D. 1-39821
- Bansal, R.** see Dubey, G.S. 1-20046
- Bansal, R.C.**, Dhali, T.L. Adsorption of isooctane and α -pinene by polymer carbons 1-35568
- Bansal, R.M.**, Tewari, S.P., Kothari, L.S. Transport of thermal neutrons in D₂O in the temperature range 5 to 60°C based on a new scattering kernel 1-748
- Banse, K.H.** see Herziger, G. 1-51999
- Bansigir, K.G.** see Subramaniam, B. 1-31594
- Bansil, A.** see Huisman, B. 1-30614
- Bansil, A.** see Prasad, R. 1-52469
- Bansil, R.**, Gupta, M.K. Effect of varying cross-linking density on polyacrylamide gels 1-43706
- Banthiya, N.K.**, Afzal, N. Forced convection over a semi-infinite flat plate 1-29692
- Banthiya, N.K.**, Afzal, N. Mixed convection over a semi-infinite horizontal plate 1-46752
- Bantilan, F.T., Jr.**, Palmer, R.G. Magnetic properties of a model spin glass and the failure of linear response theory 1-30955
- Bantili, H.** see Ebner, T.J. 1-26889
- Bancelos, A.**, Depine, R.A. A program for computing the Riemann zeta function for complex argument 1-17987
- Bancelos, A.**, Depine, R.A., Mancini, R.C. A program for computing the Fermi-Dirac functions 1-50041
- Banville, M.** see Jandl, S. 1-39092, 1-52928
- Banyai, I.**, Gartner, P. On the connection between the macroscopic and microscopic evolution in an exactly soluble hopping model. II. Charged particles 1-7574
- Banyard, K.E.**, Reed, C.E. Coulomb holes and correlation coefficients in position space for HeH⁺ 1-41326
- Banyard, K.E.**, Shirlcliffe, G.W. Charge exchange between simple structured projectiles in high-energy collisions 1-1362
- Bao Cheng-guang** The optical theorem and a complete set of a many body system labelled by different channel states 1-18613
- Bao Cheng-guang** see Lu Shi-Qi 1-45478
- Bao Guan-Xiong** Glauber quark model with spin effect 1-45236
- Bao Xi-ming** see Liu Yao-yang 1-18380
- Bao Zhang** see Zhang Bao
- Bao-hua Feng** see Feng Bao-hua
- Bao-Yin Yuan** see Yuan Bao-Yin
- Baonza, J.** see Fernandez, M. 1-52665
- Baoqiong Chen** see Chen Baqiong
- Bapat, L.** Decay of F centres in γ -irradiated NaCl under (He/Ne) laser light studied by liberation of iodine and aquoluminescence 1-8135
- Bapna, M.S.** see Parameswaran, V.R. 1-2497
- Baptist, R.**, Belakhovsky, M., Brooks, M.S.S., Pinchaux, R., Baer, Y., Vogt, O. Electronic structure and Fano-type resonance effects in uranium antimonide studied by photoemission with synchrotron radiation 1-48226
- Baptista, J.P.**, Gerbal, D. The Jeans's instability in an expanding medium 1-36168
- Baptista, J.P.**, Poiras see Poiras Baptista, J.P.V.
- Baptiste, P.J.** see Ducroux, R. 1-5846
- Barquey, C.** see Basse-Cathalinat, B. 1-40026
- Bar, V.** see Kaplan, E. 1-36476
- Bar Chen Chung** see Chung Bar Chen
- Bar Yam, Z.** see Chung, S.U. 1-45362
- Bar-Adon, R.**, Gilboa, H. Molecular motions and phase transitions. NMR relaxation times studies of several lecithins 1-53745
- Bar-Chaim, N.**, Katz, J., Ury, I., Yariv, A. Buried heterostructure AlGaAs lasers on semi-insulating substrates 1-41718
- Bar-chaim, N.** see Katz, J. 1-1582
- Bar-Chaim, N.** see Margalit, S. 1-15289
- Bar-Cohen, A.** Exponentially varying internal heat generation in fully-developed, laminar, rectangular channel flow 1-33958
- Bar-Cohen, A.**, Glicksman, L.R., Hughes, R.W. Semi-empirical prediction of bubble diameter in gas fluidized beds 1-29766
- Bar-Cohen, Y.** see Ishai, O. 1-35455
- Bar-Or, A.** see Livne, Z. 1-35500
- Bar-Shalom, A.** see Klapisch, M. 1-1159
- Bar-Touv, J.**, Moalem, A., Moalem, A. Low multipole states in ¹⁸O from the open-shell linear response model 1-28443
- Bar-Yam, Z.** see Chung, S.U. 1-14423, 1-41006
- Bar-Yishay, E.** see Hyatt, R.E. 1-22027
- Bar-Yoseph, P.**, Solan, A., Blech, J.J. Smoothing techniques applied to the finite element solution of Navier-Stokes equations in rotating flow 1-18028
- Bara, J.J.** Selective excitation double Mossbauer resonance method 1-52877
- Barabanenkov, Yu.N.** Cauchy problem for stochastic Liouville equation with randomly variable Hamiltonian of perturbations in the form of a bounded operator 1-27881
- Barabanenkov, Yu.N.**, Ozrin, V.D., Shelest, A.V. Theory of stochastic processes in quantum dynamical systems 1-5164
- Barabanov, I.R.**, Gavrin, V.N., Golubeva, M.B., Kopylov, A.V., Krasnov, V.A., Kurepin, A.B., Oganesyan, K.O., Yanovich, E.A. Measurement of π^+ -meson charge-exchange ³⁷Cl(π^+ , π^0)/³⁷Ar cross section by activation technique 1-45543
- Barabanov, I.R.**, Gavrin, V.N., Zatspein, G.T., Orekhov, I.V., Yanovich, E.A. Radiochemical detector of low-intensity fast neutrons 1-23984
- Barabanov, I.R.**, Veretenkin, E.P., Gavrin, V.N., Zakharov, Yu.I., Zatspein, G.T., Novikova, G.Ya., Orekhov, I.V., Churmaeva, M.I. On the checking of the electric charge conservation law 1-671
- Barabanov, I.R.**, Volkova, L.P., Gavrin, V.N., Glovot, V.I., Kamentzskaya, D.S., Koshkarov, L.L., Piletskaya, I.B., Shiryayev, V.I. Purification of iron from U and Ra microimpurities by zone melting 1-23981
- Barabanov, V.N.** see Zaitsev, G.G. 1-31787
- Barabanov, V.V.**, Lyapunov, V.T. Waveguide properties of a fluid-loaded plate coated with a vibration-absorbing layer 1-37689
- Barabanova, L.A.**, Gavrilachenko, V.G., Tsikhotskii, E.S., Fesenko, E.G., Kupriyanov, M.F. Point-defect-induced anomalies of the dielectric properties of lead titanate 1-7990
- Barabash, A.I.** see Baisa, D.F. 1-43032
- Barabash, A.S.**, Golubev, A.A., Kazachenko, O.V. Liquid argon Compton γ spectrometer 1-37050
- Barabash, A.S.**, Golubev, A.A., Kazachenko, O.V., Ovchinnikov, B.M. Liquid-methane pulsed ionization chamber 1-51039
- Barabash, G.F.** see Fedorova, V.A. 1-12895
- Barabash, O.M.** see Nemoshkalenko, V.V. 1-48197
- Barabash, R.I.** X-ray scattering by polycrystals with multiphase diffusion layers 1-15755
- Barabash, R.I.**, Krivoglab, M.A. On X-ray examination of the Coulomb type defects in slightly distorted cubic crystals 1-2425
- Barabash, V.S.** see Podgorny, Y.V. 1-23272
- Barach, J.P.**, Freeman, J.A., Wikswo, J.P., Jr. Experiments on the magnetic field of nerve action potentials [and measurement method] 1-4304
- Barach, J.P.** see Wikswo, J.P., Jr. 1-4306, 1-26935
- Barachevskii, V.A.** see Kozenkov, V.M. 1-29372
- Baraff, G.A.**, Kane, E.O., Schluter, M. Theory of the silicon vacancy: an 'Anderson negative U' system 1-47540
- Baragar, D.** see Vnuk, F. 1-8378
- Barak, J.** see Peretz, M. 1-39003
- Barak, J.** see Shaham, M. 1-26067
- Barakat, A.R.**, Schunk, R.W. Momentum and energy exchange collision terms for interpenetrating bi-Maxwellian gases 1-46863
- Barakat, R.** Direct derivation of intensity and phase statistics of speckle produced by a weak scatterer from the random sinusoid model 1-37412
- Barakat, R.**, Newsam, G. Numerically stable iterative method for the inversion of wave-front aberrations from measured point-spread-function data 1-15082
- Barakin, V.V.** see Arbutov, M.P. 1-29968
- Baraldi, I.**, Bruni, M.C., Momicchioli, F., Ponterini, G. Polarization of cis-trans photoisomerization funnels. Size and suddenness 1-21742
- Baraldi, P.** Thermal behavior of metal carboxylates. II. Lead formate 1-52288
- Baram, A.** The asymptotic method and spectral lineshapes 1-26011
- Baram, A.**, Rosenfeld, Y. Dimensionality and universal strong coupling equations of state 1-11650
- Baram, J.**, Avissar, J., Gefen, Y. Release of elastic strain energy as acoustic emission during the reverse thermoelastic phase transformation in Au-47.5 at.% Cd alloy 1-12745
- Baram, J.**, Gefen, Y., Rosen, M. Effect of cooling rate on the microstructure and acoustic emission energy during the thermoelastic transformation in Au-Cd single crystals 1-53177
- Baram, J.**, Rosen, M. Effect of grain size on the acoustic emission generated during the plastic deformation of aluminium 1-21518
- Baran, A.**, Pomorski, K., Larsson, S.E., Moller, P., Nilsson, S.G., Randrup, J., Lukasik, A., Sobczewski, A. Dynamical calculations of spontaneous-fission half-lives 1-50679
- Baran, E.J.** The vibrational spectrum of the ReO₃³⁻ anion 1-8079
- Baran, E.J.** see Botto, I.L. 1-48088
- Baran, E.J.** see Escobar, M.E. 1-8081
- Baran, M.**, Piechota, S., Pajaczowska, A. Temperature dependence of the EPR line width of ZnCr₂O₄ near T_N 1-38966
- Baran, V.P.** see Grilitskii, D.V. 1-15389
- Barancheva, V.V.** see Borisenkova, E.K. 1-43428
- Barancheva, V.V.** see Vinogradov, G.V. 1-51726
- Barandiaran, J.M.**, Hernandez, A. Mechanism of magnetization reversal in amorphous ribbons under stress 1-21024
- Barandiaran, J.M.** see Colmenero, J. 1-25180
- Barandiaran, J.M.** see Hernandez, A. 1-12379
- Baranenko, V.A.** Large displacements of viscoelastic beams 1-29572
- Baranger, M.** see Scher, G. 1-49959
- Baranne, A.**, Lemaître, G. Optical combinations for large segmented telescopes 1-32621
- Barannik, V.P.**, Kulish, Yu.V. Leptonic decays of mesons in the quark bag model 1-36860
- Barannik, V.P.**, Kulish, Yu.V. Hard-pion current algebra and $\pi \rightarrow \nu \nu \nu$ decay 1-50429
- Baranoski, D.** see Edmonds, E.W. 1-43971
- Baranov, A.I.** see Tikhomirova, N.A. 1-21150
- Baranov, A.I.** see Yakushkin, E.D. 1-42474
- Baranov, A.V.**, Bobovich, Ya.S., Ermolov, V.L. Resonance Raman scattering spectrum of triplet molecules 1-24157
- Baranov, A.V.** see Petrakovskii, G.A. 1-34630
- Baranov, G.I.** see Alekseev, P.D. 1-20263
- Baranov, G.S.** see Baranov, V.Yu. 1-1591
- Baranov, L.A.** see Lebedev, A.T. 1-24664
- Baranov, N.A.**, Likhachev, V.A., Shimanski, S.R. Durability of copper under neck-forming conditions 1-3859
- Baranov, N.V.**, Deryagin, A.V. Metamagnetic phase transitions in Dy₂Co 1-20982
- Baranov, N.V.** see Deryagin, A.V. 1-52781
- Baranov, P.** see Faislail, W. 1-45351
- Baranov, P.G.**, Khramtsov, V.A. EPR study of impurity colour centres in P-state in alkali halides 1-3260
- Baranov, P.G.** see Khramtsov, V.A. 1-32328
- Baranov, S.A.**, Shatinskii, V.M., Chistyakov, L.V. New data on the alpha decay of ^{247m}Am 1-28417
- Baranov, S.M.**, Sarrak, V.I., Topaz, Zh.R., Filipov, G.A. Method of deoxidation and irreversible temper brittleness of steel 1-3926
- Baranov, S.S.** see Aleksandrov, Yu.A. 1-5634
- Baranov, V.G.** see Albul, V.I. 1-23993
- Baranov, V.G.** see Poddubny, V.I. 1-34255
- Baranov, V.I.**, Gribov, L.A. Calculation of the vibronic spectrum of diphenylhexatriene 1-10744
- Baranov, V.I.**, Gribov, L.A. Calculation of vibronic spectra of polyatomic molecules in the Franck-Condon and Herzberg-Teller approximations. II. Spectral distribution curves of absorption coefficients 1-28958
- Baranov, V.I.**, Gribov, L.A. Exact method for calculating superposition integrals of vibrational wave functions 1-46028
- Baranov, V.I.**, Gribov, L.A., Novosadov, B.K. Calculation of vibronic spectra of polyatomic molecules in the Franck-Condon and Herzberg-Teller approximations. I. Methods for calculating matrix elements 1-28957
- Baranov, V.M.**, Vorontsov, L.F., Ivanov, V.S., Ptashchenko, A.A., Stepanov, B.M., Chapnin, V.A. A study of the stability of Ga_{1-x}In_xAs_{1-y}P_y emitting diodes 1-34779
- Baranov, V.O.**, Borisov, V.M., Grasyuk, A.Z., Efimovskii, S.V., Mamonov, S.G., Smirnov, V.G., Stepanov, Yu.Yu. Frequency conversion of the beams from excimer lasers by means of stimulated Raman scattering in liquid nitrogen 1-33763
- Baranov, V.Y.**, Malyuta, D.D., Mezhevo, V.S., Napartovich, A.P. The influence of gasdynamic disturbances on stability of self-sustained discharge in a high-repetition-rate pulsed CO₂ laser 1-41658
- Baranov, V.Yu.**, Baranov, G.S., Borisov, V.M., Kiryukhin, Yu.B., Mamonov, S.G. Excimer pulse-periodic laser 1-1591
- Baranov, V.Yu.**, Borisov, V.M., Stepanov, Yu.Yu., Khristoforov, O.B. Control of the spectral power of an XeF laser 1-33667
- Baranov, V.Yu.** see Anisimov, V.N. 1-33711
- Baranov, Yu.F.**, Fedorov, V.I. Lower-hybrid wave propagation in Tokamaks 1-6954
- Baranov, Yu.P.** see Marov, M.Ya. 1-4802
- Baranova, E.N.** see Anan'eva, G.V. 1-39232
- Baranova, L.I.** see Shapovalov, E.T. 1-48607
- Baranova, N.B.**, Bykovskii, N.E., Senat'skii, Yu.V., Chekalin, S.N. Nonlinear processes in the optical medium of a high-power neodymium laser 1-1656
- Baranova, N.B.**, Zel'dovich, B.Ya. Wavefront reversal of focused beams (theory of stimulated Brillouin backscattering) 1-6616

- Baranova, N.B., Zel'dovich, B.Ya.** Double refraction and gyrotropy in the X-ray range due to almost Bragg processes 1-29954
- Baranova, N.B., Zel'dovich, B.Ya.** Increased transparency of non-oriented mesophase nematics to ordinary waves 1-42297
- Baranova, R.V.** see Khodyrev, Yu.P. 1-7486
- Baranova, T.F., Kurskaya, I.N., Kindinova, O.N.** Periclase crucibles for smelting nickel alloys 1-12703
- Baranovskii, E.A., Severnyi, A.B.** A model of the chromosphere over an active region from observations of L_2 and L_3 hydrogen lines and ultraviolet lines of neutral and ionized elements 1-27447
- Baranovskii, E.A., Stepanyan, N.N.** A model of the focellus at chromosphere and transitional-layer levels, and its variations with development of the focellus 1-22754
- Baranovskii, S.D., Uzakov, A.A.** On the high-frequency impurity hopping conductivity 1-38779
- Baranovsky, S.I., Scheiz, J.A.** Effect of injection angle on liquid injection in supersonic flow 1-2043
- Baranowski, B.** see Mellander, B.-E. 1-12726
- Baranowski, B.** see Schenk, H.J. 1-30929
- Baranskii, P.I., Babich, V.M., Dotsenko, Yu.P., Kolomoets, V.V., Shapovalov, V.P.** Influence of heat treatment on the electrical properties of conventionally and neutron-transmutation doped silicon crystals 1-38798
- Baranskii, P.I., Belyaev, A.E., Gorodnichii, O.P.** Determination of the constant of deformation potential in alloyed gallium phosphide 1-7522
- Baranskii, P.I., Bugai, A.A., Maksimenko, V.M., Savyak, V.V., Shapovalov, V.P.** Influence of heat treatment on the electron spin resonance and electrical activity of phosphorus impurities in conventionally and neutron-doped silicon crystals. I 1-34926
- Baranskii, P.I., Maksimenko, V.M., Savyak, V.V.** Investigation of the electrical activity of the phosphorus impurity in silicon crystals. II 1-31015
- Baranskii, L.N., Baranskiy, Ye.A., Sterlikova, I.V., Afanas'yeva, L.T., Loginov, G.A.** Comparative analysis of P_i 2 and P_i p pulsations recorded on a meridional station profile 1-2622
- Baranskii, Ye.A.** see Baranskiy, L.N. 1-22622
- Barantsev, R.G., Moskaleva, N.M.** Scattering by an adsorbed layer. II. Adatom on a lattice 1-53042
- Barantsev, R.G., Semionov, S.K.** Classical scattering by a free-atom lattice of an arbitrary contour 1-53043
- Barantseva, A.G.** see Gavrik, V.V. 1-10035
- Barantseva, G.I.** see Gavrik, V.V. 1-8592
- Barantseva, I.G.** see Paderno, Yu.B. 1-39183
- Baranyuk, V.B.** see Malik, A.I. 1-17197, 1-35659
- Barash, M.S., Os'kina, N.S.** Paleotemperatures of the Atlantic Ocean 18000 and 40000 years ago (based on planktonic foraminifera) 1-54235
- Barash, Yu.S.** On a macroscopic description of the effective field in some dielectrics 1-39020
- Barashev, P.P., Sarychev, M.E., Makhviladze, T.M.** General theory of photochemical reaction kinetics. I. Quantum-statistical description 1-31878
- Barashev, P.P., Sarychev, M.E., Makhviladze, T.M.** General theory of photochemical reaction kinetics. II. Generalized mass action law and formal photochemical reaction kinetics 1-31879
- Barashkin, S.T., Neudachin, I.G., Porodnov, B.T.** A beam of free molecules emerging from a packet of capillaries 1-15033
- Barat, J.L.** see Basse-Cathalinat, B. 1-39998
- Barat, M.** see Thielmann, U. 1-10813
- Baratoff, A.** see Binnig, G. 1-7785
- Baratoff, A.** see Rieder, K.H. 1-25568
- Baratta, A.** Earthquake simulation in aseismic engineering 1-54017
- Baratta, A.J., Jester, W.A., Gricar, B.G., Reilly, M.A., Eidam, G., Millunzi, A.C.** A citizens' radiation monitoring program for the TMI area 1-41257
- Baratta, A.J.** see Jester, W.A. 1-41259, 1-45744
- Baratta, F.I.** see Barker, L.M. 1-26696
- Baratta, G.B.** see Altamore, A. 1-17850
- Barayschuk, S.I., Koyen, M.A., Khazanov, G.V.** Selection of lower boundary conditions in the simulation of the energy regime of the atmosphere at 50-500 km 1-4670
- Barb, D., Tarina, D., Ito, A., Morimoto, S.** KFeF₃ single crystal studied by polarized Mossbauer ray 1-43044
- Barbalas, M.P.** see Mcadoo, D.J. 1-17038
- Barbalis, F., Fedi, F.** Rainfall intensity statistical properties and prediction techniques 1-54157
- Barbalis, F., Fedi, F., Maggiori, D., Magliorini, P.** Frequency scaling of rain-induced attenuation at 11, 18 and 30 GHz 1-54161
- Barbanera, S., Carelli, P., Fenici, R., Leoni, R., Modena, I., Romani, G.L.** Use of a superconducting instrumentation for biomagnetic measurements performed in a hospital 1-53851
- Barbara, A.K.** see Talukdar, P. 1-22610
- Barbara, B., Rossignol, M.F., Devine, R.A.B., Berthier, Y., Murani, A.P.** REAL'S: A real and yet unresolved problem [crystalline electric field] 1-25673
- Barbara, P.F.** see Lawler, R.G. 1-14152
- Barbarino, G.C., Cerrito, L., Paternoster, G., Patricelli, S.** Measurement of the second coordinate in a drift chamber using the charge division method 1-28810
- Barbaro, S., Coppolino, S., Leone, C., Sinagra, E.** An atmospheric model applied to some actinometric stations of Sicily 1-9223
- Barbashov, B.M., Nesterenko, V.V.** Differential geometry and nonlinear field models 1-10062
- Barbashov, B.M., Nesterenko, V.V.** Relativistic string model in a space-time of a constant curvature 1-40922
- Barbashov, V.I., Tkachenko, Yu.B.** Dislocation mobility in hydrostatically compressed LiF crystals 1-25283
- Barbashov, V.I.** see Galkin, A.A. 1-34424
- Barbashov, V.M., Shataev, V.G.** Stress-strain state of reinforced cylindrical shells in transient creep conditions 1-24703
- Barbe, A.** see Marche, P. 1-36028
- Barbe, A.** see Secroun, C. 1-45952
- Barbee, T.W., Jr.** see Ruggiero, S.T. 1-3118
- Barbellini, G.** see Jonker, M. 1-10194
- Barber, C.** Spatial and temporal characteristics of visual evoked potentials 1-17390
- Barber, D., Becker, U., Benda, H., Bohm, A., Branson, J.C., Bron, J., Buikman, D., Burger, J., Chang, C.C., Chen, M., Cheng, D.P., Chu, Y.S., Duinker, P., Fesefeldt, H., Fong, D., Fukushima, M., Ho, M.C., Hsu, H.K., Kadel, R., Luckey, D., Ma, C.M., Massaro, G., Matsuda, T., Newman, H., Revol, J.P., Rohde, M., Rykaczewski, H., Shui, T.T., Tang, H.W., Ting, S.C.C., Tung, K.L., Vannucci, F., White, M., Wu, T.W., Yang, P.C.** A measurement of $e^+e^- \rightarrow$ hadrons at $\sqrt{s}=27.4$ GeV 1-14407
- Barber, D.P., Becker, U., Bei, G.D., Berghoff, G., Boehm, A., Branson, J.G., Bron, J., Buikman, D., Burger, J.D., Capell, M., Chang, C.C., Chen, H.S., Chen, M., Cheng, C.P., Chu, Y.S., Clare, R., Duinker, P., Fang, G.Y., Feng, Z.Y., Fesefeldt, H.S., Fong, D., Fukushima, M., Guo, J.C., Hariri, A., Hertgen, G., Ho, M.C., Hsu, T.T., Jiang, D.Z., Kadel, R.W., Krenz, W., Li, J., Li, Q.Z., Luckey, D., Luit, E.J., Ma, C.M., Ma, D.A., Massaro, G.G.G., Matsuda, T., Newman, H., Pohl, M., Poschmann, F.P., Revol, J.P., Rohde, M., Rykaczewski, H., Schulz, I., Sinram, K., Steuer, M., Tang, H.W., Tang, L.G., Teuchert, D., Ting, S.C.C., Tung, K.L., Vannucci, F., Wang, X.R., Wang, Y.X., Warnock, J., White, M., Wu, G.H., Wu, S.X., Wu, T.W., Yang, P.C., Yu, C.C., Zhang, N.L., Zhu, R.Y.** Experimental study of heavy charged leptons and search for scalar partners of muons at PETRA (12 GeV $\leq E_{cm} \leq 36.7$ GeV) 1-28309
- Barber, D.P., Becker, U., Berghoff, G., Bohm, A., Branson, J.G., Bron, J., Buikman, D., Burger, J.D., Chang, C.C., Chen, H.S., Chen, M., Cheng, C.P., Chu, Y.S., Clare, R., Duinker, P., Fang, G.Y., Fesefeldt, H., Fong, D., Fukushima, M., Guo, J.C., Hariri, A., Hertgen, G., Ho, M.C., Hsu, H.K., Hsu, T.T., Kadel, R.W., Krenz, W., Li, J., Li, Q.Z., Lu, M., Luckey, D., Ma, C.M., Ma, D.A., Massaro, G.G.G., Matsuda, T., Newman, H., Pohl, M., Poschmann, F.P., Revol, J.P., Rohde, M., Rykaczewski, H., Sinram, K., Tang, H.W., Tang, L.G., Teuchert, D., Ting, S.C.C., Tung, K.L., Vannucci, F., Wang, X.R., Warnock, J., Wei, P.S., White, M., Wu, G.H., Wu, T.W., Xi, J.P., Yang, P.C., Yu, C.C., Yu, X.H., Zhang, N.L., Zhu, R.Y.** Unique solution for the weak neutral current coupling constants in purely leptonic interactions 1-534
- Barber, D.P., Dainton, J.B., Lee, L.C.Y., Marshall, R., Thompson, J.C., Williams, D.T., Brodbeck, T.J., Frost, G., Patrick, G.N., Pearce, G.F., Newton, D., Sloan, T., Brookes, G.R., Haynes, W.J., Wilkes, P.B.** Photoproduction of $\pi\Delta(1232)$ from hydrogen in the energy range 2.4-4.8 GeV 1-5635
- Barber, D.P., Dainton, J.B., Lee, L.C.Y., Marshall, R., Thompson, J.C., Williams, D.T., Brodbeck, T.J., Frost, G., Newton, D., Patrick, G.N., Pearce, G.F., Sloan, T., Brookes, G.R., Haynes, W.J., Wilkes, P.B.** Hard scattering and Δ_c exchange in backward photoproduction of $\Delta_c^+ \pi^-$ 1-28329
- Barber, D.P., Dainton, J.B., Lee, L.C.Y., Marshall, R., Thompson, J.C., Williams, D.T., Brodbeck, T.J., Frost, G., Newton, D., Patrick, G.N., Pearce, G.F., Sloan, T., Brookes, G.R., Haynes, W.J., Wilkes, P.B.** Strangeness exchange in the photoproduction of $K^+ \Lambda(1520)$ between 2.8 and 4.8 GeV 1-28330
- Barber, G.C.** see Menon, M.M. 1-985
- Barber, H.B., Bowen, T., Delise, D.A., Jenkins, E.W., Jones, S.J., Kalbach, R.M., Pifer, A.E.** Predictions and measurements of mass spectra of the charged nucleonic component of cosmic rays at mountain altitude 1-36153
- Barber, H.D.** see Pochlman, W.F.S. 1-16645
- Barber, J.P.** see Bless, S.J. 1-39452
- Barber, J.P.** see Nicholas, T. 1-48465
- Barber, J.R.** Steady-state thermal stresses caused by an imperfectly conducting penny-shaped crack in an elastic solid 1-19644
- Barber, M.N.** see Hamer, C.J. 1-27891, 1-27892
- Barber, P.B., Couchman, D.L.V., Morris, A.G., Swift, D.A.** Audible noise and electromagnetic radiation emitted by AC corona discharges from water droplets 1-15326
- Barber, P.J.** see Ranklin, J.E. 1-44052
- Barber, R.C.** see Kozier, K.S. 1-1397
- Barber, T.** see Sroga, J.T. 1-22529
- Barber, V.C., Emerson, C.J.** Preparation of SEM analog stereo material for use in teaching and research 1-23376
- Barber, W.C.** see Haber, B. 1-14433
- Barberi, F., Civetta, L., Varet, J.** Sr isotopic composition of Afar volcanics and its implication for mantle evolution 1-13425
- Barberi, F.** see Sheridan, M.F. 1-40106
- Barberis, G.E., Davidov, D., Rettori, C., Donoso, J.P., Torriani, I., Gandra, F.C.G.** Electron-spin-resonance and lattice-parameter study of cerium cubic Laves-phase compounds: evidence for intermediate-valence state 1-26032
- Barberis, G.E.** see Gandra, F.G. 1-21046
- Barberis, N.** see Peterson, D.G. 1-48864
- Barberis, P.L.** see Arnault, C. 1-23947
- Barbero, G.** Surface geometry and induced orientation of a nematic liquid crystal 1-34228
- Barbero, G., Malvano, R., Strigazzi, A.** Planar deformation induced in a homeotropic nematic liquid crystal by simultaneously applied magnetic and electric fields 1-30050
- Barbet, A.** see Plocienik, J.M. 1-39197
- Barbey, K.** see Lucke, B. 1-17504
- Barbezat, S.** see Perinet, F. 1-2682
- Barbi, M., Ferdeghini, E.M.** Relevance of the single ommatidium performance in determining the oscillatory response of the Limulus retina 1-39911
- Barbi, M.** see Ascoli, C. 1-4398
- Barbian, O.A., Hulin, C.** Ultrasonic plate testing with equiareal reconstruction of the defect images as a basis of automatic quality assessment 1-4009
- Barbiellini, G.** see Diddens, A.N. 1-14747, 1-23998
- Barbiellini, G.** see Jonker, M. 1-14432, 1-45258
- Barbier, J.** see Lamy, E. 1-31906
- Barbier, R.** see Blanco, V.M. 1-36313
- Barbier, R.** see Swings, J.P. 1-13774
- Barbieri, C., Bortoletto, F., Di Serego Alighieri, S.** The Digicon system of Cima Ekar Observatory 1-22687
- Barbieri, C., Di Serego Alighieri, S., D'Antuono, R.** First observations with the reticon spectrophotometer at Asiago Observatory. II. Spectra of stars in the region $\lambda\lambda$ 4300-7300 Å 1-9475
- Barbieri, R., Caffo, M., Gatto, R., Remiddi, E.** Strong QCD corrections to P-wave quarkonium decays 1-547
- Barbieri, R., Maiani, L., Petronzio, R.** Quarks and leptons as composite states of confined O(n) preons 1-14331
- Barbieri, R., Nanopoulos, D.V., Masiero, A.** Cosmological baryon production through superheavy fermions 1-32785
- Barbieri, R.H.** Energy transformation: lifestyles, motivation, values 1-31994
- Barbon, R.** see Panagia, N. 1-13790
- Barbon, R.** see Vettolani, G. 1-49699
- Barbosa, D.D.** Fermi-Compton scattering due to magnetopause surface fluctuations in Jupiter's magnetospheric cavity 1-54413
- Barbosa, D.D., Kurth, W.S.** Superthermal electrons and Bernstein waves in Jupiter's inner magnetosphere 1-40379
- Barbosa, M.D.** see Sa de Sa Barbosa, M.
- Barbour, A.E.** Scanning laser Doppler anemometer system 1-49428
- Barbour, I.M., Gilchrist, J.P.** The NN and $\pi\pi$ decay modes of baryonium 1-45274
- Barbour, I.M., Ponting, D.K.** Non-strange four quark systems 1-5578
- Barbour, M.S.** see Kemp, J.C. 1-54543
- Barbouth, N.** see Oudar, J. 1-52302
- Barbu, A., Martin, G., Chamberod, A.** Low-flux radiation-induced precipitation 1-43339
- Barca, L., Fornaro, G.** On the meridional dependence of normal outer isoper variability 1-4274
- Barca, L., Fornaro, G.** The functional visual field. A preliminary annotated bibliography 1-17962
- Barcelo, J.A., Calkins, J.** The kinetics of avoidance of simulated solar UV radiation by two arthropods 1-26944
- Barchewitz, R.** see Andre, J.M. 1-31236

- Barci, V., Gizon, A., Gizon, J., Marguer, G. Levels of $^{137}\text{Pr}_{80}$ excited in the $^{128}\text{Te}^{(14N, 3n\gamma)}$ reaction 1-23535
- Barclon, A., Jusem, J.C., Blumsack, S. Pseudo-adiabatic flow over a two-dimensional ridge 1-54179
- Barclay, J.A. A 4K to 20K rotational-cooling magnetic refrigerator capable of 1 mW to >1 W operation 1-27992
- Barclay, R.E. Generic startup problems [PWRs] 1-18799
- Barco, L. see Beruto, D. 1-3678
- Barcza, S. Restricted quantum-mechanical three-body problems. II. A general theory of helium-like ions 1-9852
- Bard, A.J., Fan, F.F., Bocarlsy, A.B., Walton, E.G., Wrighton, M.S. The concept of Fermi level pinning at semiconductor/liquid junctions. Consequences for energy conversion efficiency and selection of useful solution redox couples in solar devices 1-7727
- Bard, A.J. see Fan, F.F. 1-7728
- Bard, P.-Y., Bouchon, M. The seismic response of sediment-filled valleys. I. The case of incident SH waves 1-32359
- Bard, P. Yves see Yves Bard, P.
- Bardadin-Otinowska, M. see Eskreys, A. 1-594
- Bardadin-Otinowska, M. see Gottgens, R. 1-50472
- Bardacki, K. Classical solutions and the large-N limit 1-45115
- Bardacki, K., Caldi, D.G., Neuberger, H. Dominant euclidean configurations for all N 1-28178
- Bardackian, B.L., Sarna, S.K. Mathematical investigation of populations of coupled synthesized relaxation oscillators representing biological rhythms 1-35737
- Bardackian, B.L., Sarna, S.K., Diamant, N.E. On a fourth order synthesized relaxation oscillator representing a composite bio-electric signal 1-32112
- Bardan, V. Migration of seismic sections using the scalar wave equation 1-44339
- Bardeen, J. Tunneling theory of charge-density-wave depinning 1-25716
- Bardeen, J. Unity of concepts in the structure of matter 1-36488
- Bardeen, J. see Holonyak, N., Jr. 1-29281
- Bardeen, J.M. Gauge-invariant cosmological perturbations 1-13896
- Bardeen, J.M. Black holes do evaporate thermally 1-40691
- Bardeleben, H.J. von see von Bardeleben, H.J.
- Barden, R.E. see Ellwanger, R.E. 1-47139
- Bardet, L. see Maury, L. 1-48076
- Bardhan, K.K., Chung, D.D.L. A kinetic model of the first intercalation of graphite 1-43285
- Bardhan, K.K., Chung, D.D.L. Surface profilometric study of the kinetics of the intercalation of graphite 1-43286
- Bardhan, K.K., Wu, J.C., Chung, D.D.L. Phase transitions in graphite-halogens 1-34474
- Bardhan, K.K., Wu, J.C., Culik, J.S., Anderson, S.H., Chung, D.D.L. Kinetics of intercalation and desorption in graphite 1-34584
- Bardhan, P., McNally, R.N. Fusion-casting and crystallization of high temperature materials 1-8292
- Bardin, D.E. see Brown, R.C. 1-51471
- Bardin, D.Yu., Christova, P.Ch., Fedorenko, O.M. On the lowest order electroweak corrections to spin- $1/2$ fermion scattering. I. The one-loop diagram 1-18408
- Bardin, D.Yu., Fedorenko, O.M., Shumeiko, N.M. Radiative corrections to P-odd asymmetries in deep inelastic scattering of polarized leptons and antileptons on nucleons 1-5627
- Bardin, G., Duclos, J., Magnan, A., Martino, J., Richter, A., Zavattini, E., Bertin, A., Piccinini, M., Vitale, A., Measday, D. A novel measurement of the muon capture rate in liquid hydrogen by the lifetime technique 1-45469
- Bardin, G. see Adam, M. 1-23909
- Bardocz, L. see Mikolas, M. 1-6890
- Bardolle, J. see Cremery, P. 1-39524
- Bardolle, J. see Perrin, C. 1-39525
- Bardos, J.P. see Cassagne, B. 1-261
- Bardos, C., Pironneau, O., Bercovier, M. Vortex method with finite element for the Euler equation 1-2002
- Bardos, J. see Hron, M. 1-5828
- Bardos, L. see Musil, I. 1-21610
- Bardsley, B.G., Christensen, D.A. Beam patterns from pulsed ultrasonic transducers using linear systems theory 1-37641
- Bardsley, J.N. see Cohen, J.S. 1-24293
- Bardsley, J.N. see Morgan, W.L. 1-29839, 1-38057
- Bardsley, W.E. Note on the use of the inverse Gaussian distribution for wind energy applications 1-54190
- Barducci, A., Casalbuoni, R., Lusanna, L. Anti-commuting variables, internal degrees of freedom, and the Wilson loop 1-40934
- Bardy, M. see Piatti, G. 1-43442
- Baraika, B., Dikchys, G., Isyanova, E.D., Piskarskas, A., Sirutkaitis, V. Parametric generation of tunable picosecond light pulses in the 3.7-10.2 μm range in proustite 1-51561
- Baraika, B., Dikchys, G., Kamalov, V.F., Koroteev, N.I., Piskarskas, A.S., Sirutkaitis, V. Picosecond emission by a synchronous-pumping color-center laser; dynamics of F_2^+ centers during picosecond irradiation 1-51496
- Baraieks, V., Viktorovich, V., Gal'dikas, A., Milyushite, R. Microwave noise and constant of the coupling between the valleys Γ and L in a three-valley model of GaAs 1-30796
- Baraiehs, I.P. see Marchyulis, D.-V.A. 1-16987
- Baraieis, M., Beer, H. Influence of natural convection on the melting process in a vertical cylindrical enclosure 1-29688
- Baraket, N., James, L.T. Wavefront sensors and deformable mirrors for visible wavelengths 1-46493
- Baraklo, V.V. see Zhukov, S.A. 1-33879
- Barendrecht, E. see Sillen, C.W.M.P. 1-43677
- Barends, D. see Bloemen, E.W.P. 1-46070
- Barentzen, H., Olbrich, G., O'Brien, M.C.M. An approximate analytical treatment of the Eötvös-Jahn-Teller effect 1-28890
- Barentzen, H. see Ivanov, C.I. 1-38720
- Barentzen, H. see Tyutyukov, N. 1-15051
- Baret, J.F. see Firpo, J.L. 1-20563
- Baret, R. see Girard, C. 1-53456
- Barz, F., Goldsmith, W., Sackman, J.L. Longitudinal wave propagation in axisymmetric structures with material and/or aerial discontinuity 1-46687
- Barfield, J.N. see McPherson, R.L. 1-40278
- Barfield, M., Babai, A.S., Doddrell, D.M., Gottlieb, H.P.W. Semiempirical molecular orbital calculations of anisotropic ^{13}C and ^{19}F hyperfine coupling constants in hydrocarbon and fluorocarbon radicals 1-41314
- Barfuss, H., Bohnlein, G., Hochenstein, H., Kreische, W., Meinhold, M., Niedrig, H. Concentration and temperature dependence of the electric quadrupole interaction for ^{111}Cd in the system $\text{Sb}_{1-x}\text{In}_x$ 1-3310
- Barg, G.-D., Askar, A. Solving the continuum problem of collision-induced dissociation and recombination 1-31835
- Barg, G.-D., Mayne, H.R., Toennies, J.P. Quasi-classical trajectory studies of the $\text{H}+\text{H}_2$ reaction on an accurate potential energy surface. II. Effect of initial vibration and rotation on reactivity 1-48658
- Barger, J.E., Hamblen, W.R. The air gun impulsive underwater transducer 1-11279
- Barger, R.L. Influence of second-order Doppler effect on optical Ramsey fringe profiles 1-51165
- Barger, V., Keung, W.Y., Phillips, R.J.N. Hadron-reduction of ψ and T 1-10279
- Barger, V., Whisnant, K., Pakvasa, S., Phillips, R.J.N. Matter effects on three-neutrino oscillations 1-33144
- Barger, V., Whisnant, K., Phillips, R.J.N. Three-neutrino oscillations and present experimental data 1-10125
- Barger, V., Whisnant, K., Phillips, R.J.N. CP non-conservation in three-neutrino oscillations 1-28258
- Bargeron, C.B., Benson, R.C. Analysis of the gases evolved during the pitting corrosion of aluminum in various electrolytes 1-35418
- Bargeron, C.B., Givens, R.B. Precursive blistering in the localized corrosion of aluminum 1-43581
- Bargeron, C.B. see Friedman, M.H. 1-22107
- Bargon, J., Giaz, A.F. Use of polypyrrole films in dry cells 1-8696
- Barhate, A.V., Pendharkar, A.V., Sapre, V.B., Mande, C. A study of EXAFS associated with the Re L_{III} discontinuity in metal and some compounds 1-21294
- Barhen, J., Caciuci, D.G. An efficient procedure to evaluate second-order sensitivities for nonlinear problems and nonlinear responses 1-41218
- Barhen, J., Wagschal, J.J., Yelvin, Y. Response-parameter correlations in uncertainty analysis 1-45659
- Bari, R.A. see Perkins, K.R. 1-5958
- Barier, K.K. see Sastry, G.V.S. 1-26448
- Bariev, R.Z. Local magnetization of the semi-infinite XY-chain 1-7802
- Bariev, R.Z. Correlation functions of the semi-infinite two-dimensional Ising model. II. Two-point correlation functions 1-7863
- Barigelletti, F. see Birks, J.B. 1-1268
- Barigelletti, F. see Orlandi, G. 1-19209
- Barik, N., Jena, S.N. Non-self-conjugate mesons in a potential model with vacuum-polarization corrections 1-10180
- Barik, N., Jena, S.N. A non-Coulombic effective power-law potential for the heavy quarkoniums 1-18472
- Barik, N., Jena, S.N. Fine-hyperfine splittings of quarkonium levels in an effective power-law potential 1-18473
- Barikhin, B.A., Borovkov, V.V., Fedosimov, A.I., Yakovlev, V.I. Ethanol rhodamine 6G laser with an unstable cavity 1-1592
- Barillet, R. see Jardino, M. 1-44872
- Barilo, V.G. see Tret'yachenko, G.N. 1-31807
- Barinov, S.M. see Grevtsev, S.N. 1-53293
- Barinov, V.K., Rylov, V.S., Sapel'nikov, I.A. Sensitivity enhancement for astronomical photographic emulsions by baking in nitrogen and helium 1-9382
- Barinova, E.Yu., Kogan, L.M., Nevsikiy, O.B., Nurtidinov, N.R., Nurtidinov, O.P., Rassokhin, T.T., Yunovich, A.E. Efficient radiative recombination at an NN $_i$ isoelectronic center in gallium phosphide ($\eta_e=27\%$ at 6K) 1-3496
- Barinova, M.F. see Yalamov, Yu.I. 1-25535
- Barisas, B.G., Gill, S.J. Microcalorimetry of biological systems 1-13371
- Barish, B., Blair, R., Lee, J., Linsay, P., Ludwig, J., Messner, R., Scull, F., Shaevitz, M., Bartlett, F., Edwards, D., Edwards, H., Fisk, E., Krafczyk, G., Fukushima, Y., Kerns, G., Kondo, T., Nease, D., Segler, S., Theriot, D., Bodek, A., Marsh, W., Fackler, O., Jenkins, K. Flux normalized charged current neutrino cross sections up to neutrino energies of 260 GeV 1-10192
- Barish, B.C., Bartlett, J.F., Bodek, A., Brown, K.W., Shaevitz, M.H., Siskind, E.J., Diamond-Berger, A., Dishaw, J.P., Faessler, M., Liu, J.K., Merritt, F.S., Wojcik, S.G. Observation of prompt single muons and of missing energy associated with $\mu^+\mu^-$ pairs produced in hadronic interactions 1-10284
- Barish, J. see Alsmiller, F.S. 1-50973
- Barish, J. see Alsmiller, R.G., Jr. 1-50974
- Barish, S.J. see Derrick, M. 1-45261
- Barishpolksy, B.M. A combined experimental and numerical method for the solution of generalized elasticity problems 1-46670
- Bark, F.H. see Gusev, A. 1-19817
- Barkan, A.I., Pali, O.J., Rogachev, A.V. Measurement of the microhardness of polymer materials 1-21664
- Barkan, A.I. see Belyi, V.A. 1-53398
- Barkat, Z. see Havazelet, D. 1-9470
- Barkat, Z. see Tuchman, Y. 1-49753
- Barkats, G., Calvy, M., Cathala, M. Spot solar array 1-39786
- Barker, B.M., Byrd, G.G., O'Connell, R.F. A tri-nary model for SS 433 1-49666
- Barker, B.M., O'Connell, R.F. Removal of acceleration terms from the two-body Lagrangian to order c^{-4} in electromagnetism theory 1-32859
- Barker, B.M., O'Connell, R.F. The post-post-Newtonian problem in classical electromagnetism theory 1-36516
- Barker, B.W. see Gupta, I.N. 1-22234
- Barker, C. see Yarwood, J. 1-33040
- Barker, D.R., Steigman, K.B., Herman, J.H. The velocity-amplitude relationship of eye movements in REM sleep and the awake state 1-32283
- Barker, E., Cazes, S., Emerich, C., Vidal-Madjar, A., Owen, T. Lyman-alpha observations in the vicinity of Saturn with Copernicus 1-44483
- Barker, E.S. see Kwan-Yu Chen 1-54545
- Barker, G.C., Tucker, J.W. Orbit-lattice interaction Hamiltonian for iron-group ions in tetrahedral co-ordination 1-20666
- Barker, H.A. The role of GRP: an introductory review 1-12717
- Barker, J.A. Source strength estimation from potential measurements 1-32471
- Barker, J.A., Hoare, M.R., Raval, S. A numerical study of the general Rayleigh's piston model 1-36560
- Barker, J.A. see Cowley, E.R. 1-7290
- Barker, J.H. see Dayras, R.A. 1-5794
- Barker, J.H. see Geoffroy, K.A. 1-50651
- Barker, J.H. see Sarantides, D.G. 1-45771
- Barker, J.L. see Smith, T.G., Jr. 1-49170
- Barker, J.R. Quantum transport theory [of semiconductors] 1-16284
- Barker, J.R. see Ferry, D.K. 1-7623
- Barker, J.R. see Smith, G.P. 1-51275
- Barker, J.R. see Ferry, D.K. (editor) 1-13926
- Barker, L.M., Baratta, F.I. Comparisons of fracture toughness measurements by the short rod and ASTM standard method of test for plane-strain fracture toughness of metallic materials (E 399-78) 1-26696
- Barker, M.G., Leung, T.K. Sodium-ceramic interactions 1-16935
- Barker, M.G. see Mignaneli, M. 1-53164
- Barker, P.F. see Hill, I.A. 1-4482
- Barker, R.A., Estrup, P.J. Surface structures and phase diagram for the $\text{H}/\text{W}(001)$ chemisorption system 1-47367
- Barker, R.C. see Lai, S.K. 1-47746
- Barker, R.E. see Doman, D.R. 1-50874
- Barker, R.E. see Sales, W.L. 1-23824
- Barker, S.J., Gile, D. Experiments on heat-stabilized laminar boundary layers in water 1-51735

- Barker, S.L., Pearce, S.J.** On electron scatter and the sensitivity of photoelectron spectrometers 1-14212
- Barker, T.** The ionization structure of the ring nebula. I. Sulfur and argon 1-9611
- Barker, T.G., Minster, J.B.** Far-field and near-field radiation from a growing and propagating relaxation source 1-32384
- Barkhatov, L.S.** *see* Shpil'rain, E.E. 1-42551, 1-52315
- Barkhatov, N.A.** Natural oscillations of plasma clouds inside the magnetosphere 1-22628
- Barkhudarov, E.M., Berezovskii, V.R., Brodzki, M.I., Gile, A.M., Elgulashvili, I.A., Makharadze, T.N., Taktakishvili, M.I., Chelidze, T.Ya.** Recording on triacetatecellulose of infrared holograms in the 10.6 μm band 1-33636
- Barkhudarov, E.M., Dzagnidze, A.Sh., Ligin, V.F., Tskhakaya, D.D.** Reflection of ion-acoustic waves from a density gradient close to a negatively-charged grid 1-24959
- Barkhurst, R.P.** Effects of Three Mile Island on nuclear plant staffing 1-18804
- Barkin, Yu.V.** Motion of a spacecraft about its center of mass at a liberation point of the Earth-Moon system 1-54343
- Barkley, J.R.** *see* Shannon, R.D. 1-20450
- Barklie, R.C., Niklas, J.R., Spaeth, J.M.** ENDOR investigation of defects in sodium β -alumina 1-3294
- Barklow, T.** *see* Brandelik, R. 1-23510, 1-50411
- Barkov, L.M., Zolotarev, M.S.** Atomic physics checks of parity violation 1-10856
- Barkov, L.M., Zolotarev, M.S.** Parity nonconservation in bismuth atoms and weak interaction neutral currents 1-11510
- Barkov, L.M.** *see* Artamonov, A.S. 1-23893
- Barkov, Yu.D., Isaev, S.V., Ostanian, A.N., Krylovich, V.I., Popov, V.K., Solodukhin, A.D., Stepanov, S.I.** Complex investigation of the fluctuating thermohydrodynamic characteristics of a marine medium 1-13484
- Barkova, L.A., Gruzinski, V.V., Petrovich, P.I., Shishkina, E.Yu.** Fluorescence of vapors of complex molecules in the ultraviolet region of the spectrum 1-14955
- Barkov, A.S., Librovitsch, A.L., Rachlin, I.W.** On increasing the socio-economic impact of polymer materials 1-36487
- Barlak, T.M.** *see* Colton, R.J. 1-36768
- Barleon, L.** *see* Alsemeyer, H. 1-5875
- Barlett, M.** *see* Ray, L. 1-41049
- Barletta, W.A.** *see* Caporaso, G.J. 1-51017
- Barletti, R.** *see* Azouit, M. 1-44325
- Barlier, F.** *see* Afonso, G. 1-4739
- Barlier, F.** *see* Berger, C. 1-49435
- Barlier, P., Torre, J.P.** Improvement of the oxidation behaviour of reaction bonded silicon nitride by addition of aluminium 1-16933
- Barloutaud, R., Baruzzi, V., Bird, I., Borg, A., Borreani, G., Cameron, W., Capiluppi, P., Crenel, D., Fabbri, F., Franek, B., Giacomelli, G., Hennion, P., Kalmus, G., Louedec, C., Mandrioli, G., Marchetto, F., Menichetti, E., Morton, W., Rinaudo, G., Rossi, A.M., Serrà-Lugaresi, P.** Production of charged hadrons, π^0 and electron pairs in 70 GeV/c π^+p interactions 1-36885
- Barloutaud, R.** *see* Arestov, Yu.I. 1-36892
- Barloutaud, R.** *see* Gensch, U. 1-595
- Barlow, B.C.** *see* Coutts, D.A. 1-4625
- Barlow, D.B.** *see* Nann, H. 1-14451
- Barlow, F.E.** *see* Rees, D. 1-33056
- Barlow, H.M.** A cladbed tubular glass-fibre guide for single-mode transmission 1-46566
- Barlow, J.W.** *see* Nolley, E. 1-39441
- Barlow, J.W.** *see* Paul, D.R. 1-11699
- Barlow, M.J., Blades, J.C., Hummer, D.G.** Optical observations of the ultrahigh-excitation Wolf-Rayet star Sanduleak 3-1-22818
- Barlow, R.J.** *see* Brandelik, R. 1-23510, 1-23527
- Barlow, R.J.** *see* Eskreyes, A. 1-594
- Barlow, W.A.** *see* Vincelt, P.S. 1-6270
- Barma, M.** On the sign of α in the percolation problem 1-9938
- Barma, M.** *see* Dhar, D. 1-27894
- Barma, M.** *see* Kumar, D. 1-52790
- Barmada, R.** *see* Rastegar, J. 1-22152
- Barman, S.** *see* Deb, S.R. 1-24697
- Barmas, V.Yu.** Evaluation of the resistance of alloy AK4-1-Ti to low cycle strain upon internal heating of the specimens 1-31530
- Barmin, A.A., Kulikovskiy, A.G.** Discontinuous solutions in mechanics of continua 1-29721
- Barmin, S.M., Emel'yanov, D.A., Krentsis, R.P., Gel'd, P.V.** Electrical and magnetic properties of some rare-earth germanides with the D8_h-type structure 1-20704
- Barma, E.** *see* Petrea, I.C. 1-34968
- Barma, P.B., Tot, L., Petretis, B., Rinkunas, R.** Dependence of the structure and properties of Se layers on the charge current density in a molecular flow 1-39235
- Barma, R.C.** *see* Alba, R. 1-50675
- Barma, S., Dollinger, L., Georgescu, S., Ibsescu, M.** The Romanian LR-19 laser glass 1-51578
- Barnard, J.W.** *see* Kozier, K.S. 1-1397
- Barnard, M.** *see* Chapman, D. 1-9058
- Barnard, R.D.** The true low field Hall coefficient of copper and copper containing defects at low temperatures 1-7590
- Barnard, R.D.** The electrical resistivity of dilute aluminium alloys 1-20707
- Barnard, R.D., Abdel Rahim, A.E.E.** The true low field Hall coefficient of pure aluminium at low temperatures 1-25703
- Barnard, S.** *see* Hogan, A. 1-9235
- Barnard, W.R.** Training engineers to use transducers 1-44738
- Barnea, G.** *see* Frank, B. 1-14072
- Barneoud, D.** *see* Bastin, G. 1-604
- Barner, K.** *see* Kirchschlager, B. 1-47988
- Barner, K.** *see* Krokoszinski, H.J. 1-25694
- Barnett, E.** Scale up of a gas injector for HTR fuel coating in fluidized beds 1-50915
- Barnett, E.** *see* Zimmer, E. 1-23841
- Barnert, H.** Anmerkungen zur thermochemischen Produktion von Wasserstoff aus Wasser mittels Hochtemperaturreaktor-Wärme (Remarks on the thermochemical production of hydrogen from water using heat from a HTR) 1-8775
- Barnes, A.J., Suzuki, S.** Vibrational spectra and structures of the water dimer and trimer 1-29135
- Barnes, A.J.** *see* Bentwood, R.M. 1-51199
- Barnes, A.V.** *see* Kennett, R.G. 1-33203
- Barnes, B.K., Murray, A.S., Quintand, J.N.** Data acquisition and control for gamma scanning 1-23840
- Barnes, C.** *see* Meservey, E.B. 1-24992
- Barnes, C.** *see* Owens, D.K. 1-25073
- Barnes, C.** *see* Woe Woo 1-19893
- Barnes, C.E., Brown, J.M., Radford, H.E.** The EPR and LMR spectra of the DO_2 radical: determination of ground-state parameters 1-37230
- Barnes, C.E.** *see* Norris, C.B. 1-39160
- Barnes, C.W., Dewar, R.L., Mazzucolo, E., Strachan, J.D.** Fluctuations of the runaway electron flux to the PLT Tokamak limiter 1-34106
- Barnes, C.W.** *see* Beneman, O. 1-7000
- Barnes, D.C.** *see* Cayton, T.E. 1-19937
- Barnes, D.C.** *see* Vahala, G. 1-46918
- Barnes, D.M.** *see* Alys, J.A. 1-31413
- Barnes, G., Barnes, G.B.** Students' scores on Piaget-type questionnaires before and after taking two semesters of college physics 1-5041
- Barnes, G.B.** *see* Barnes, G. 1-5041
- Barnes, G.T., Costin, I.S., Hunter, D.S., Saylor, J.E.** On the measurement of the evaporation resistances of monolayers 1-30524
- Barnes, G.T.** *see* Wagner, L.K. 1-40913
- Barnes, G.T.** *see* Yester, M.V. 1-17487
- Barnes, H.B., Farmer, W.M.** Two-color two-spot laser velocimeter 1-6594
- Barnes, J.A., Sargent, H.H., III, Tryon, P.V.** Sunspot cycle simulation using a narrowband Gaussian process 1-54469
- Barnes, J.F., Janney, D.H., London, R.K., Meyer, K.A., Sharp, D.H.** Further experimentation on Taylor instability in solids 1-6797
- Barnes, L.D.** *see* Bambas, K.J. 1-14622
- Barnes, N.P., Gettemy, D.J.** Temperature variation of the refractive indices of yttrium lithium fluoride 1-16542
- Barnes, N.P.** *see* Gettemy, D. 1-1587
- Barnes, P.** *see* Wojciechowski, K.W. 1-47209
- Barnes, P.A.** *see* Nelson, R.J. 1-46346
- Barnes, R.G., Beaudry, B.J., Creel, R.B., Torgeson, D.R., de Groot, D.G.** Electronic and structural transitions in stoichiometric and nearly-stoichiometric lanthanum trihydride and trideuteride. A ^{139}La and ^1H nuclear magnetic resonance study 1-16493
- Barnes, R.G.** *see* Anderson, D.L. 1-7967
- Barnes, R.G.** *see* Creel, R.B. 1-19117
- Barnes, R.G.** *see* de Groot, D.G. 1-3273
- Barnes, R.G.** *see* Khatamian, D. 1-20140
- Barnes, R.M.** *see* Colella, M.B. 1-53490
- Barnes, R.W.** *see* Rittgers, S.E. 1-26969
- Barnes, S.E.** Validity of the resistively shunted Josephson junction model for small-area superconductor-normal-superconductor junctions in a magnetic field 1-42910
- Barnes, S.E.** *see* Hardman, M. 1-12397
- Barnes, T.** A new renormalization group with possible application to the bound state problem 1-10074
- Barnes, V.E.** *see* Derrick, M. 1-45261
- Barnes, V.E.** *see* Zissa, D.E. 1-33201
- Barnes, W.E.** *see* Gose, E.L. 1-53899
- Barnet, A.B., Friedman, S.L., Weiss, I.P., Ohlrich, E.S., Shanks, B., Lodge, A.** VEP development in infancy and early childhood. A longitudinal study 1-26899
- Barnett, B.** *see* Stroynowski, R. 1-18522
- Barnett, B.M., Gyles, W., Johnson, R.R., Erdman, K.L., Johnstone, J., Kraushaar, J.J., Lepp, S., Masterson, T.G., Rost, E., Gill, D.R., Thomas, A.W., Alster, J., Navon, I., Landau, R.H.** Proton radii determinations from the ratio of π^+ elastic scattering from ^{11}B and ^{12}C 1-23557
- Barnett, C.J., Drake, A.F., Kuroda, R., Mason, S.F.** A dynamic polarization model for vibrational optical activity and the infrared circular dichroism of a dihydro[5]helicene 1-10766
- Barnett, D.M.** *see* Kino, G.S. 1-48594
- Barnett, L.W., Otzinger, B.M., Paulsen, E.** Test data analysis and application of nickel hydrogen cells 1-53604
- Barnett, M.E.** Optical flow in an ideal light collector: the θ/θ_0 concentrator 1-19400
- Barnett, S.A., Bajor, G., Greene, J.E.** Growth of high-quality epitaxial GaAs films by sputter deposition 1-31343
- Barnett, S.A.** *see* Witkowski, L.C. 1-42849
- Barnett, T.P., Patzert, W.C.** Scales of thermal variability in the tropical Pacific 1-17598
- Barneved, H.A.** *see* Minnema, L. 1-21604
- Barney, D.L., Steunenberg, R.K., Chlenskask, A.A.** Recent progress in lithium/iron sulfide battery development 1-48819
- Barnham, K.W.J.** Review of K^+p physics 1-10283
- Barnham, K.W.J.** *see* Deden, H. 1-28311
- Barnham, K.W.J.** *see* Fritze, P. 1-14431
- Barnham, K.W.J.** *see* Gottgens, R. 1-50472
- Barnhart, B.J.** *see* Snow, J.T. 1-17664
- Barnie, J.W.** *see* Rudko, R.I. 1-41737
- Barnik, M.I., Ivashchenko, A.V., Kostylev, K.A., Malofeev, V.S., Shlytkov, N.M.** High-speed light modulator employing the twist effect in nematic liquid crystals 1-37602
- Barnik, M.I.** *see* Trufanov, A.N. 1-52066
- Barnik, M.I.** *see* Umanskiy, B.A. 1-34233
- Barns, R.L., Chandross, E.A., Melliar-Smith, C.M.** The photochemical purification of the reagents used in the MCVD optical fiber process 1-11202
- Barns, R.L.** *see* Kaminow, I.P. 1-3368
- Barns, R.L.** *see* Kolb, E.D. 1-2630, 1-16676
- Barnsley, M., Cornille, H.** General solution of a Boltzmann equation, and the formation of Maxwellian tails 1-27903
- Barnstaple, A.G.** *see* Hilborn, J.W. 1-32000
- Barnwell, R.W.** Similarity rule for sidewall boundary-layer effect in two-dimensional wind tunnels 1-46722
- Baro, A.M., Ibach, H.** Angular distribution of EELS intensities: CO on Pt(111) 1-48205
- Baro, R.** *see* Funes, F. 1-35224
- Barocchi, F.** *see* Varshneya, D. 1-24925
- Barois, P., Coulon, C., Prost, J.** Escape from incommensurability: the two-dimensionally ordered S_x antiphase 1-46994
- Baron, G.B., Grant, I.** Conditionally sampled interferometric measurements of vibration 1-40847
- Baron, M.H.** *see* Zuppiroli, G. 1-24156
- Baron, R.** *see* Szmulowicz, F. 1-18296
- Baron, R.L.** *see* Mills, R.L. 1-54408
- Baron, R.L.** *see* Peterson, D.M. 1-54569
- Baron, S.** Solar energy - will it conserve our non-renewable resources? 1-21864
- Baron, S.F.** *see* Woodruff, H.B. 1-53505
- Baronavski, A.P.** *see* Pasternack, L. 1-4067
- Baroncelli, A.** *see* Diddens, A.N. 1-14747, 1-23998
- Baroncelli, A.** *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Barone, F.** On implemented state automorphisms within the logico-algebraic approach to deterministic mechanics 1-49969
- Barone, G.** *see* Andretta, A. 1-39817
- Barone, M.** *see* Hanna, D. 1-41015
- Barone, M.** *see* Irion, J. 1-50475
- Barone, S.R.** Angular momentum of particles in the geomagnetic field 1-36116
- Barone, V., Bucci, P., Lelj, F., Russo, N.** An ab initio reinvestigation of the geometric and electronic structure of boron trioxide 1-51115
- Barone, V., Del Re, G., Le Lay, G., Kern, R.** Adsorption sites and relative stabilities of the 3×1 and $\sqrt{3}$ phases of Ag on Si(111) 1-7471
- Barone, V.** *see* Del Re, G. 1-2824
- Baronet, C.N.** *see* Elmarghar, J. 1-29457
- Baroni, G.** *see* Allasia, D. 1-23495
- Baroni, L., Fortini, P.L., Gualdi, C., Callegari, G.** On X-ray luminosity by matter accretion on a neutron star 1-36321
- Baroni, S., Grosso, G., Pastori Parravicini, G.** Energy bands and excitons in solid neon 1-38716
- Baroni, S.** *see* De Young, J. 1-27545
- Baronnet, A.** Polytypism in micas: a survey with emphasis on the crystal growth aspect 1-38321
- Baronnet, J.M.** *see* Vardelle, A. 1-34123, 1-48255
- Barouch, E.** On the Ising model in the presence of magnetic field 1-20947
- Barquins, M.** *see* Maugis, D. 1-41988, 1-46715
- Barr, G.W.** *see* Martin, T.H. 1-28752
- Barr, J., Jr.** *see* Shepley, M.P. 1-13356
- Barr, J.B.** *see* Breedon Jones, J. 1-8376
- Barr, L.W.** *see* Williams, S.J.C.R. 1-4112
- Barr, P., Carter, P.G., Howe, W.D., Jowett, J., Neilson, A.J., Young, R.L.D.** Studies of missile impact with reinforced concrete structures 1-839

- Barr, P.**, Pollard, R.G., Sanford, P.W., Ives, J.C., Ward, M., Hine, R.G., Longair, M.S., Penston, M.V., Boksenberg, A., Lloyd, C. The variability of C 390.3 1-13855
- Barr, P.** see Charles, P. 1-49717
- Barr, P.** see Hayes, M.J.C. 1-4979
- Barr, R.** A new interpretation of the VLF impedance measurements of island slot antennas 1-13578
- Barr, R.C.**, Gallie, T.M., Spach, M.S. Construction of isochrone or isopotential maps for cardiac electrophysiology 1-32277
- Barra, V.** see Zakay, V. 1-1932
- Barrales-Rienda, J.M.** see Gonzalez de la Campa, J.I. 1-38308, 1-52087
- Barraño, M.**, Buchler, J.R. Thermodynamic properties of hot nucleonic matter 1-5723
- Barraño, M.**, Buchler, J.R., Livio, M. Thermal limit cycle oscillations on the surface of accreting neutron stars—X-ray bursters 1-49702
- Barraño, M.**, Treiner, J. Self-consistent description of nuclear level densities 1-28383
- Barraño, M.** see Buchler, J.R. 1-49861
- Barraño Luque, M.**, Calvetti, M., Dumps, L., Girard, C., Hoffmann, H., Maurin, G., Naumann, L., Perez, J., Piano Mortari, G., Placci, A., Queru, P., Rijsenbeek, M., Rubbia, C., Sadoulet, B., Tao, C. The construction of the central detector for an experiment at the CERN p-p collider 1-14745
- Barrantes, F.J.** see Macchi, E.M. 1-30213
- Barratt, H.** Investigation of the mastoid electrode contribution to the brain stem auditory evoked response 1-43882
- Barratt, P.J.**, Sloan, D.M. A numerical investigation into thermal instabilities in homeotropic nematics heated from below 1-46743
- Barrau, M.D.** see Dewey, W.C. 1-53831
- Barraut, M.R.** see Dhar, P.K. 1-15742
- Barraut, M.R.** see Sethuraman, S.K. 1-25089
- Barre, J.Y.** see Rapin, M. 1-18876
- Barreau, F.** see Carmona, F. 1-12084
- Barreau, G.** see Caiuocoli, F. 1-23700
- Barreau, G.** see D'Hondt, P. 1-724, 1-5808
- Barreau, G.** see Oed, A. 1-28773
- Barreau, G.** see Sicre, A. 1-50682
- Barreau, P.**, Bernheim, M., Bussiere, A., Finn, M., Morgenstern, J., Mougey, J., Royer, D., Tarnowski, D., Turck-Chieze, S., Frullani, S., Boffi, S., Giusti, C., Pacati, F., Capitani, G.P., de Sanctis, E., Wagner, G.J., Jans, E. Proton momentum distributions in p-shell measured in ^{12}C and ^{16}O (e, e'p) reactions 1-28471
- Barreau, P.** see Jans, E. 1-28470
- Barreiro, F.** see Berger, C. 1-5636, 1-10209
- Barreiro, F.** see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Barrell, S.L.** The beat cepheid V367 Scuti and NGC 6649 1-9509
- Barret, C.** see Marinello, G. 1-9033
- Barret, P.** Computation of electromagnetic, thermal and mechanical quantities during asynchronous starting up of solid salient pole synchronous machines. Experimental verification 1-37384
- Barreto, E.**, Jurenka, H. Comments on 'the mechanism of the long spark formation' 1-34173
- Barreto, J.M.**, Neto, A.F.M., Tanomaru, N. Parameter identification in a nonlinear nuclear reactor model using quasilinearization 1-36996
- Barrett, A.H.** see Schneps, M.H. 1-9610, 1-49746
- Barrett, A.J.** Natural convection heat leak in supercritical hydrogen tanks 1-48918
- Barrett, B.R.** see Duval, P.D. 1-41075
- Barrett, B.R.** see Sage, K.A. 1-5715
- Barrett, C.A.**, Khan, A.S., Lowell, C.E. The effect of zirconium on the cyclic oxidation of NiCrAl alloys 1-48569
- Barrett, D.**, Soler, A. A finite element model for thick beams 1-49941
- Barrett, D.M.**, Petr, R.A., Burkes, T.R. Spark gap electrode cross section 1-25110
- Barrett, D.M.** see Bergh, H.W. 1-9081
- Barrett, G.** see Shibasaki, H. 1-17409, 1-49018
- Barrett, H.H.**, Gmitro, A.F., Chiu, M.Y. Use of an image orthicon as an array of lock-in amplifiers 1-37628
- Barrett, H.H.** see Gmitro, A.F. 1-53879
- Barrett, H.H.** see Greivenkamp, J.E. 1-39987
- Barrett, H.H.** see Kujoro, M.A. 1-33081
- Barrett, J.H.**, Appleton, B.R., Holland, O.W. Role of reversibility in enhanced ion backscattering near 180° scattering angle 1-21314
- Barrett, J.L.**, Leventhal, J.J. Selective formation of He^+ ($n=3$) in He^{2+} -Li collisions 1-41476
- Barrett, J.L.**, Leventhal, J.J. Selective formation of He^+ ($n=3$) in He^{2+} -Li collisions 1-46096
- Barrett, J.W.**, Morton, K.W. Optimal finite element solutions to diffusion-convection problems in one dimension 1-9951
- Barrett, L.H.** TMI short-term lessons learned radiation protection recommendations: NRC perspective 1-50958
- Barrett, M.**, Everett, R. Cost effectiveness of grouped solar heating schemes 1-17246
- Barrett, P.**, Gagan, D., Herrenden-Harker, W.G., Jewsbury, R. A model for inhomogeneous conduction in anisotropic materials: application to (SN), 1-47622
- Barrett, P.H.** see Pasternak, M. 1-47981
- Barrett, R.F.** see Baldock, R.A. 1-28387
- Barrett, R.P.** Kundt's tube and an air track blower 1-17980
- Barrett, T.W.** A mathematical theory of cochlear fluid mechanics: kinetic theory of nonequilibrium flows and of energy absorption and dispersion in the cochlear fluid-partition system 1-22041
- Barrett, T.W.** Signal analysis by elementary signals in cochlear fluid mechanics explained in terms of statistical hydromechanics and functional calculus 1-32148
- Barrett, T.W.** Resonance Raman complete polarization studies of oxyhemoglobin in the long- and short-wavelength regions: evidence of anomalous results 1-48957
- Barrette, J.**, Kahana, S. New surface phenomena in heavy-ion-induced reactions 1-715
- Barrette, J.** see Branford, D. 1-36935
- Barrick, D.** see Lipa, B. 1-4656
- Barrie, A.M.** see Millet, P. 1-41393
- Barrie, J.A.**, Williams, M.J.L., Munday, K. Sorption and diffusion of hydrocarbon vapors in glassy polymers 1-30563
- Barrie, W.W.** see Gibbons, D.T. 1-32214
- Barriere, A.S.** see Lachter, A. 1-21017
- Barrodale, I.** see Foreman, M.G.G. 1-9164
- Barron, A.R.** see Cleveland, D. 1-48593
- Barron, L.D.**, Meehan, C., Vrbancich, J. Experimental confirmation that the isotropic g-factor of IrCl_6^{3-} is negative 1-24286
- Barron, R.M.**, Chandana, O.P., Garg, M.R. Solutions in viscous constantly-inclined magnetohydrodynamics 1-42100
- Barron, T.H.K.**, Collins, J.G., White, G.K. Thermal expansion of solids at low temperatures 1-2658
- Barros, H.G.P.** Lins de see Lins de Barros, H.G.P.
- Barroso, C.J.B.** Considerations on X-ray equipment in medical applications 1-17472
- Barrow, C.H.**, Alexander, J.K. Maximum frequency of the decametric radiation from Jupiter 1-13725
- Barrow, H.G.** see Tenenbaum, J.M. 1-17712
- Barrow, J.D.** The baryon asymmetry of the Universe 1-33150
- Barrow, J.D.** Coagulation with fragmentation 1-48743
- Barrow, R.F.** see Harris, S.M. 1-51219
- Barrow, R.F.** see Linton, C. 1-41417
- Barrow, R.F.** see Prosser, S.J. 1-6305
- Barrows, R.C.** Jr. Light distribution test segment 1-44976
- Barrus, D.M.**, Blake, R.L., Burek, A.J., Chambers, K.C., Cox, L.E. X-ray coefficient of reflection of acid phthalate crystals across the oxygen K-edge region 1-26305
- Barrus, D.M.** see Burek, A.J. 1-54435
- Barry, D.C.** see Holberg, J.B. 1-49652
- Bars, I.** Ternary algebras as building blocks of Lie Algebras and Lie superalgebras 1-5520
- Bars, I.** U(N) integral for the generating functional in lattice gauge theory 1-10068
- Bars, I.**, Gunaydin, M. Quantum properties of the composite gauge field in the theory of ternions 1-5491
- Bars, I.**, Gunaydin, M. Dynamical theory of subconstituents based on ternary algebras 1-5611
- Bars, J.L.** see Le Bars, J.
- Bars, O.** see Marouille, J.Y.L. 1-15852
- Barsch, G.R.** see Chang, Z.P. 1-11800
- Barshall, H.H.** see Haight, R.C. 1-41112
- Barseg'yan, L.V.**, Samarina, N.M., Sidorova, I.B. Dispersion hardening of Ni-(Co)-Cr-Nb alloys 1-16795
- Barshay, S.** Possibility of a doubly-charged structure at the S-meson mass 1-587
- Barshay, S.** see van Apeldoorn, G.W. 1-45357
- Barsin, I.A.** see Downs, W. 1-26748
- Barskil, I.Ya.** see Bogomolov, V.N. 1-26265
- Barsov, S.G.**, Getalov, A.L., Gordeev, V.A., Konopleva, R.F., Kruglov, S.P., Kudinov, V.I., Kuz'min, L.A., Mikirtyants, S.M., Minaichev, E.V., Myasishcheva, G.G., Obukhov, Yu.V., Savel'ev, G.I., Firsov, V.G., Shcherbakov, G.V. Characteristic states of μ^+ -meson muonium in silicon in longitudinal magnetic fields 1-16518
- Barsuk, A.A.** see Albul, A.A. 1-15430
- Barsukov, K.A.**, Osipov, Yu.V., Popov, V.N. Properties of birefringent prisms with variable scattering angle 1-11069
- Barsukov, V.A.** see Matsevitsiy, Yu.M. 1-11398
- Barsukov, V.I.** see Malachuk, S.K. 1-17128
- Bart, G.**, Aerne, T., Fluckiger, U., Sprunger, E. Modification of a secondary ion mass spectrometer to allow the examination of highly radioactive specimens 1-50955
- Bart, G.** see Biswas, S. 1-54432
- Bart, J.C.J.** see Garbassi, F. 1-53048
- Bart, J.C.J.** see Vlaic, G. 1-28992
- Barta, C.**, Silvestrova, P.M., Moiseeva, N.A., Pisarevskij, Ju.V. Propagation of acoustic waves in crystals of univalent mercury halides 1-25377
- Barta, C.** see Matyas, M. 1-52746
- Barta, Ch.** see Kaplyanskii, A.A. 1-7318
- Barta, K.** see Spurny, F. 1-6042
- Barta, S.** AC conductivity in a model of a disordered solid 1-2930
- Bartal, Y.** see Caner, M. 1-14528
- Bartalucci, S.**, Belletтини, G., Bertolucci, S., Cordelli, M., Dini, R., Giacomelli, L., Giromini, P., Rutli, A., Sermoneta, A., Spadoni, M. High performance low cost shower detectors for low energy γ -rays 1-28793
- Bartashevskij, E.L.** see Akhmetshin, A.M. 1-4038
- Bartheau, M.A.**, Ko, E.I., Madix, R.J. The adsorption of CO , O_2 , and H_2 on $\text{Pt}(100)$ ($\times 10$) 1-38654
- Bardecki, A.** see Dembicki, D. 1-37356
- Bartel, J.**, Feldmeier, H. One- and two-body dissipation in peripheral heavy ion collisions 1-18676
- Bartel, J.J.**, Callanan, J.E., Westrum, E.F., Jr. The heat capacity of NH_4Br from 265 to 550K. The II-to-I transition 1-16054
- Bartel, N.**, Kadashev, N.S., Kuzmin, A.D., Nikol'ae, N.Ya., Popov, M.V., Sieber, W., Smirnova, T.V., Soglasnov, V.A., Wielebinski, R. Simultaneous two-station single pulse observations of radio pulsars over a broad frequency range. I. With particular reference to PSR 0809+74 1-36316
- Bartel, N.**, Sieber, W., Wolszczan, A. Pulse to pulse intensity modulation from radio pulsars with particular reference to frequency dependence 1-13791
- Bartel, N.** see Morris, D. 1-36320
- Bartel, T.L.** see Eylon, D. 1-8427
- Bartel, W.**, Canzler, T., Cords, D., Dittmann, P., Eichler, R., Felst, R., Haidt, D., Kawabata, S., Krehbiel, H., Naroska, B., O'Neill, L.H., Olsson, J., Steffen, P., Yen, W.L., Eelsen, E., Helm, M., Petersen, A., Warming, P., Weber, G., Drumm, H., Heintze, J., Heinzelmann, G., Heuer, R.D., von Krogh, J., Lennert, P., Matsumura, H., Nozaki, T., Riesenberger, H., Wagner, A., Darwill, D.C., Foster, F., Hughes, G., Wriedt, H., Allison, J., Ball, A.H., Duerdorth, I., Hassard, J., Loebinger, F., McCann, H., King, B., Macbeth, A., Mills, H., Murphy, P.G., Prosper, H., Stephens, K., Clarke, D., Goddard, M.C., Marshall, R., Pearce, G.F., Imori, M., Kobayashi, T., Komamiya, S., Koshiba, M., Minowa, M., Orito, S., Sato, A., Suda, T., Takeda, H., Totokusa, Y., Watanabe, Y., Yamada, S., Yanagisawa, C. Search for fractional charge and heavy stable particles at PETRA 1-18500
- Bartel, W.**, Cords, D., Dittmann, P., Eichler, R., Felst, R., Haidt, D., Kawabata, S., Krehbiel, H., Naroska, B., O'Neill, L.H., Olsson, J., Steffen, P., Yen, W.L., Eelsen, E., Helm, M., Petersen, A., Warming, P., Weber, G., Drumm, H., Heintze, J., Heinzelmann, G., Heuer, R.D., von Krogh, J., Lennert, P., Matsumura, H., Nozaki, T., Riesenberger, H., Wagner, A., Darwill, D.C., Foster, F., Hughes, G., Wriedt, H., Allison, J., Armitage, J.C.M., Ball, A.H., Duerdorth, I.P., Hassard, J.F., King, B.T., Loebinger, F.K., Macbeth, A.A., McCann, H., Mills, H.E., Murphy, P.G., Prosper, H.B., Stephens, K., Clarke, D., Goddard, M.C., Marshall, R., Pearce, G.F., Imori, M., Kobayashi, T., Komamiya, S., Koshiba, M., Minowa, M., Orito, S., Sato, A., Suda, T., Takeda, H., Totokusa, Y., Watanabe, Y., Yamada, S., Yanagisawa, C. Prompt muons in multiparticle events from e^+e^- annihilation at PETRA 1-45253
- Bartel, W.**, Cords, D., Dittmann, P., Eichler, R., Felst, R., Haidt, D., Kawabata, S., Krehbiel, H., Naroska, B., O'Neill, L.H., Steffen, P., Yen, W.L., Eelsen, E., Helm, M., Petersen, A., Warming, P., Weber, G., Drumm, H., Heintze, J., Heinzelmann, G., Heuer, R.D., von Krogh, J., Lennert, P., Matsumura, H., Nozaki, T., Olsson, J., Riesenberger, H., Wagner, A., Darwill, D.C., Foster, F., Hughes, G., Wriedt, H., Allison, J., Ball, A.H., Duerdorth, I.P., Hassard, J.F., King, B.T., Loebinger, F.K., Macbeth, A.A., McCann, H., Mills, H.E., Murphy, P.G., Prosper, H.B., Stephens, K., Clarke, D., Goddard, M.C., Marshall, R., Pearce, G.F., Imori, M., Kobayashi, T., Komamiya, S., Koshiba, M., Minowa, M., Orito, S., Sato, A., Suda, T., Takeda, H., Totokusa, Y., Watanabe, Y., Yamada, S., Yanagisawa, C. Experimental limits on the strength of weak neutral currents in lepton pair production at PETRA energies 1-45254
- Bartel, W.** see O'Neill, L.H., Jr. 1-50443
- Bartell, L.S.** Local realism and the Einstein-Podolsky-Rosen paradox. On concrete new tests 1-116
- Bartell, L.S.**, Goates, S.R., Kacner, M.A. On collisionally enhanced laser pumping of supersonic jets of SF_6 1-29046

- Bartelt, L.S.** see Warner, J.W. 1-14827
- Bartels, F.**, Krause, E. Taylor vortices in spherical gaps 1-42028
- Bartels, H.G.** see Olson, G.B. 1-53948
- Bartels, J.** High energy behaviour of nonAbelian gauge theories 1-14315
- Bartels, J.** High-energy behaviour in a non-Abelian gauge theory. II. First corrections to T_{n-m} beyond the leading in s approximation 1-18367
- Bartels, J.** High energy behavior of nonAbelian gauge theories 1-28221
- Bartels, P.H.** see Olson, G.B. 1-35922, 1-53948
- Bartels, W.**, Gundermann, S. Microwave diagnostics of the noise temperature in the low current column of the nitrogen discharge plasma 1-7002
- Bartelt, H.**, Brenner, K.-H. The Wigner distribution function—experiments and applications 1-41596
- Bartelt, H.O.** White light transmission and processing of images 1-51398
- Barten, H.** Crystal data for high-temperature As_2O_3 1-52116
- Bartenev, G.M.**, Gorelova, I.L., Chalykh, A.E. Relaxation process determined by the mobility of active filler particles in a polymer 1-53478
- Bartenev, G.M.**, Kartashov, E.M., Tulinov, B.M. Kinetic theory of the temperature-force dependence of the durability of a glass strengthened by ion exchange and quenching 1-43509
- Bartenev, G.M.** see Tulinov, V.V. 1-16161
- Bartenev, S.S.**, Kiiko, A.V., Fed'ko, Yu.P. Porosity measurements on detonation-deposited coatings 1-39494
- Bartenew, G.M.**, Sinitschkina, J.A. The relaxation character of the fracture process in polar elastomers 1-16892
- Bartetski, A.M.**, Kuzhakov, K.Ya., Shteinberg, A.Yu. Use of the least-squares method in the deconvolution of spectral contours and the determination of the number of bands in the electronic absorption spectra of d-complex compounds 1-21197
- Barth, A.**, Cederbaum, L.S. Many-body theory of core-valence excitations 1-52460
- Barth, J.**, Kunz, C., Zimkina, T.M. Photoemission investigation of hexagonal BN: band structure and atomic effects 1-21328
- Barth, J.** see Kobayashi, K.L.I. 1-53046
- Barth, M.**, de Clercq, C., de Wolfe, E., Dumont, J.J., Johnson, D.P., Lemonne, J., Peeters, P., Contri, R., Drevermann, H., Gerdynuk, L., Goldschmidt-Clermont, Y., Harigel, G., Joensuu, J., Milstene, C., Porte, J.P., Ross, R.T., Spyropoulou-Stassinaki, M., Caso, C., Fontanelli, F., Monge, R., Squarcia, S., Trevisan, U., Baland, J.F., Beaufays, J., Grand, F., Hanton, J., van der Poel, P.A., Gatignon, L., Kittel, W., Metzger, W.J., Schotanus, D.J., Stergiou, A., van de Walle, R.T., Belokopitov, Y., Brizgalov, V., Chliapnikov, P., Fenuyk, A., Kubic, V., Krytchenko, E., Lugovsky, S., Nikolaenko, V., Petrovikh, J., Ronjin, V., Tchikilev, O., Yarbva, V., Zjigunov, V. Slow proton and Δ^{++} production in K^+ p interactions at 70 GeV/c 1-41018
- Barth, M.**, de Clercq, C., de Wolf, E.A., Dumont, J.J., Johnson, D.P., Lemonne, J., Peeters, P., Contri, R., Drevermann, H., Gerdynuk, L., Goldschmidt-Clermont, Y., Harigel, G., Milstene, C., Porte, J.P., Ross, R.T., Theocharopoulos, P., Caso, C., Fontanelli, F., Monge, R., Squarcia, S., Trevisan, U., Baland, J.F., Beaufays, J., Kesteman, J., Grand, F., van der Poel, P.A., Gatignon, L., Kittel, W., Metzger, W.J., Schotanus, D.J., Stergiou, A., van de Walle, R.T., Belokopitov, Y., Chliapnikov, P., Fenuyk, A., Kubic, V., Lugovsky, S., Nikitin, S.G., Nikolaenko, V., Petrovikh, Y., Ronjin, V., Tchikilev, O., Yarbva, V. Charged pion production in 70 GeV/c K^+ p interactions 1-45377
- Barth, M.** see Ajinenko, I.V. 1-592, 1-5667
- Barth, M.** see Chliapnikov, P.V. 1-599
- Barth, M.** see Denegri, D. 1-28356
- Barth, M.** see Saudraix, J. 1-5666
- Barth, W.**, Fessler-Wilhelmi, N., Lehmann, W., Turowski, P. Superconducting compensating solenoids for the CELLO detector experiment at PETRA 1-45790
- Bartha, P.** see Umlauf, R. 1-39319
- Barthe, J.** see Barthe, T. 1-2982
- Barthe, J.** see Rocca-Serra, N. 1-8203
- Barthe, T.**, Barthe, J., Portal, G. Geminate recombination of γ -ray-excited electron-hole pairs in amorphous SiO_2 1-2982
- Barthelemy, A.**, Arnaud, J. Adiabatic method for fibers with nonseparable index profiles 1-37617
- Barthelemy, B.M.** see Sih, G.C. 1-25362
- Barthelemy, H.**, Brass, A.M., Brysselbout, J., Koenig, J. Hydrogen behaviour of steels used for hydrogen pressure vessels 1-43534
- Barthelemy, L.** see Bellet-Barthas, M. 1-35834
- Barthelemy, R.** see Wagemans, C. 1-36970
- Barthes, M.-G.**, Rolland, A. The first stages in the formation of ultrathin nickel layers on Ag(111): a low energy electron diffraction—Auger electron spectroscopy study 1-42657
- Barthes-Biesel, D.** Motion of spherical microcapsule freely suspended in a linear shear flow 1-11446
- Barthold, W.P.** see Constantine, P. 1-50724
- Barthold, W.P.** see Su, S.F. 1-18729
- Barthold, W.P.** see Tzanos, C.P. 1-45684
- Bartholdi, M.** see Salzman, G.C. 1-27925
- Bartholin, H.**, Waintal, A., Parisot, G., Kervella, F., Senateur, J.P. Effect of pressure on the crystal lattice parameters of $CeAl_2$, $PrAl_2$, $YbAl_2$, and CeS 1-7138
- Bartholin, H.** see Buriel, P. 1-47915
- Bartholin, H.** see Rossat-Mignod, J. 1-25936, 1-47854
- Bartholin, H.** see Vogt, O. 1-47913
- Bartholomae, R.C.** see Bender, E.K. 1-41921
- Bartholomew, D.M.L.**, Hellawell, A. Changes of growth conditions in the vertical Bridgman-Stockbarger method for the solidification of aluminum 1-3714
- Bartholomew, R.F.**, Butler, B.L., Hoover, H.L., Wu, C.K. Infrared spectra of a water-containing glass 1-26193
- Bartke, E.**, Vardenga, G., Gasparyan, A., Golokhvastov, A.I., Zhuravleva, M.S., Kuznetsova, E.S., Lukstins, Yu., Musulmanbekov, Zh., Nurgozhin, N., Okonov, E.O., Ostanevich, T.G., Tashimov, M., Khorozov, S.A., Chkhaidze, L., Shved, R. Multiplicity of negative pions produced in 'central' collisions of relativistic nuclei 1-5664
- Bartke, J.** see Abrahamman, E.O. 1-722
- Bartkowski, K.**, Gladun, A., Gladun, C., Rafalowicz, J., Vinzelberg, H. Thermal conductivity anisotropy of tin monocrystals in the temperature range 0.1 to 7K 1-25835
- Bartkowski, K.** see Wolowicz, D. 1-34676, 1-34677, 1-34678
- Barti, A.**, Fraas, H., Majerotto, W. Polarization of baryons and vector mesons in quark jets in e^+e^- annihilation 1-18501
- Barti, J.** An interferential measuring method of rotary surfaces 1-23306
- Barti, W.** see Fidecaro, G. 1-591
- Bartle, C.M.** A method for deriving angular distributions from $Li(n,t)^4He$ pulse-height spectra observed in $^{4}Li(Eu)$ 1-18979
- Bartle, C.M.**, Brooks, F.D., Jones, D.T.L., McMurray, W.R., Verbruggen, R. A high flux associated particle neutron source 1-51014
- Bartle, C.M.**, Quin, P.A. Total cross sections for the $^{40}Ca(n,p)$ and (n,α) reactions between 2.7 and 5.5 MeV 1-50593
- Bartle, K.D.** see Taylor, N. 1-49901
- Bartle, P.M.**, Stockham, N.R. Acoustic emission studies in offshore engineering 1-53395
- Bartlett, A.A.**, Kirwan, D.F., Willis, J. External manifestations of the variation of the free-fall acceleration inside moving cars 1-27749
- Bartlett, D.T.**, Edwards, A.A. Investigations of the dependence of lyoluminescence response on radiation quality and its relationship with the gamma dose-response function 1-6045
- Bartlett, D.T.** see McKinlay, A.F. 1-952
- Bartlett, F.** see Barish, B. 1-10192
- Bartlett, J.F.** see Barish, B.C. 1-10284
- Bartlett, J.W.** see Williams, R.F. 1-45641
- Bartlett, N.** see McQuillan, B.W. 1-39671
- Bartlett, R.** see Sanjurjo, A. 1-48289
- Bartley, J.H.** see Alasia, D. 1-23495
- Barto, J.L.**, Biblarz, O. Gasdynamic interactions in a non-uniform high pressure discharge 1-38176
- Bartocci, G.** see Birks, J.B. 1-1268
- Bartoe, J.-D.F.** see Jordan, C. 1-17799
- Bartolac, T.J.**, Gould, C.M., Bozler, H.M. Soliton propagation in 3He 1-34539
- Bartoli, F.J.** see Meyer, J.R. 1-15925
- Bartoli, M.** Applications of very-high-level languages to modelling in energetics 1-13179
- Bartolini, C.**, Dapergolas, A., Guarnieri, A., Piccioni, A., Giangrande, A., Giovanelli, F. HDE 245770 1-17879
- Bartolini, P.**, Silva, P. Small basin management: a conceptual model for the evaluation of the effective rain 1-36001
- Bartolini, R.A.**, Bell, A.E., Spong, F.W. Diode laser optical recording using trilayer structures 1-41761
- Bartolino, R.**, Simoni, F. Rotatory power of cholesteric liquid crystals. Effects of electric fields 1-3360
- Bartolo, B.** Di see Di Bartolo, B.
- Bartolome, J.** see Helmholtz, R.B. 1-2616
- Bartolotti, L.J.** Variationally determined multipole Cauchy moments 1-10630
- Barton, A.E.**, Howlett, D.J.B. The rotational spectrum and structure of van der Waals complexes. III. Neon-deuterium chloride 1-19089
- Barton, D.L.** see Olsen, L.C. 1-43758
- Barton, D.M.**, Jarvis, G.A., Martin, E.R., Kendall, J.S., Jaminet, J.F., Rodgers, R.J. Characteristics of vortex-contained UF_6 gas in a beryllium-reflected reactor 1-23769
- Barton, D.M.** see Jaminet, J.F. 1-23742
- Barton, G.B.** see McCown, J.J. 1-18726
- Barton, G.H.** see Strickland, J.H. 1-1991
- Barton, J.**, Kansy, J., Panek, T.J. Influence of Mn and Ni on the magnetic properties of Fe-Ni-Mn alloys 1-39013
- Barton, J.J.** see Swarts, C.A. 1-16171
- Barton, R.** see Norman, M.L. 1-9606
- Bartonicsek, B.**, Habersbergerova, A. Radiation chemistry of methyl iodide from the point of view of the safety of nuclear power plants 1-5897
- Bartos, I.** see Hietschold, M. 1-7269
- Bartos, I.** see Van Hove, M.A. 1-47344, 1-47345
- Bartos, P.** Analysis of pull-out tests on fibres embedded in brittle matrices 1-35313
- Bartoszek, F.E.** see Arrowsmith, P. 1-35534
- Bartram, R.H.**, Wiltshire, M.C.K., Hayes, W. Theory of F-centre Raman scattering in SrF_2 1-3393
- Bartron, L.R.** see Anderson, B.C. 1-12953
- Bartsch, R.R.** see Ekdahl, C. 1-6965
- Bartz, R.** see Ronald, J. 1-19270
- Bartzis, J.G.**, Domanus, H.M., Krazinski, J.L., Miao, C.C., Sha, W.T., Shah, V.L. COM-MIX-2: steady/unsteady, three-dimensional, two-phase thermal-hydraulic computer code 1-45588
- Bartzis, J.G.**, Krazinski, J.L., Shah, V.L., Sha, W.T. Comparison of the COM-MIX-2 two-phase flow model with experimental data 1-50746
- Baru, S.E.**, Proviz, G.I., Savinov, G.A., Sidorov, V.A., Fel'dman, I.G., Khabakhpashev, A.G., Shuvalov, B.N. X-ray detectors for structural analysis 1-5451
- Baru, V.G.**, Grekov, E.V. Gas-liquid phase transition in quasitwo-dimensional electron gas in magnetic semiconductors 1-3073
- Barua, A.K.** see Ray, S. 1-12215
- Barua, A.K.** see Saha, S. 1-1294
- Barua, K.C.** see Tellier, C.R. 1-16384
- Barucchi, G.** Graphs and an exactly solvable N-body problem in one dimension 1-9829
- Baruch, M.** see Segall, A. 1-33937
- Baruchel, J.** see Schlenker, M. 1-38208
- Barut, A.O.** Infinite-component wave equations describe relativistic composite systems 1-5466
- Barut, A.O.** Hadronic multiplets in terms of absolutely stable particles: an already-unified theory 1-5549
- Barut, A.O.** Electromagnetic interactions beyond quantum electrodynamics 1-14288
- Barut, A.O.**, Hacinliyan, A. A dynamical model for the two-component pomeron 1-14419
- Barut, A.O.** (editor) Foundations of radiation theory and quantum electrodynamics 1-13946
- Baruzzi, V.** see Barloutaud, R. 1-36885
- Barva, I.** see Boros, L. 1-9036
- Barvinok, V.A.**, Kozlov, G.M. Sonic determination of plasma coating Poisson ratio 1-26707
- Bar'yakhtar, V.G.**, Vangengeim, S.D., Kameneva, V.Yu. On one possibility for estimating the energy of intercrystalline internal adsorption 1-47044
- Barybin, A.A.** see Alekseev, A.N. 1-38883
- Barybin, V.I.** see Sharygin, L.M. 1-39675
- Barycki, J.** see Latajka, J. 1-28875
- Barykina, L.R.** see Aleksandrov, G.G. 1-2420, 1-30217
- Barykina, L.R.** see Kalinin, A.E. 1-30218
- Baryshev, N.S.** see Chashchin, S.P. 1-20814
- Baryshev, V.B.** see Artamonov, A.S. 1-23893
- Baryshev, V.I.**, Vaag, L.P., Kuznetsov, A.A., Poletaev, P.S., Yudina, V.A. Q-factor multiplication in the amplifier of a proton magnetometer 1-27265
- Baryshev, V.L.** see Andrianov, A.M. 1-33020
- Baryshev, V.P.**, Artamonov, S.D., Geller, V.Z. Thermal conductivity of Freon-218 1-52366
- Baryshevskii, V.G.** Multi-frequency precession of neutron spin in a homogeneous magnetic field 1-40946
- Baryshevskii, V.G.**, Grubich, A.O. Radiative self-polarization of fast particles in curved crystals 1-34385
- Baryshev, Yu.P.**, Zarkhin, M.I. On units for measured optical radiation [in photosynthesis] 1-18188
- Baryshnikov, A.N.** see Belovitski, G.E. 1-18622
- Baryshnikov, F.F.**, Sholin, G.V. Asymmetry of Stark profiles of hydrogenlike lines caused by differential population of atomic states 1-41345
- Baryshnikov, F.F.**, Zakharov, L.E., Lisitsa, V.S. Electron bremsstrahlung in a dipole potential 1-10897
- Baryshnikova, L.F.**, Grachev, G.S., Ermilin, K.K., Lyamov, V.E., Prokhorov, V.M. Elliptical polarization of elastic shear waves and polarization effects in crystals 1-52227
- Baryshnikova, O.N.** see Levashov, A.A. 1-22375
- Baryukhin, S.V.**, Egorov, V.S. Influence of a magnetic field on the electron-phonon relaxation time 1-42494
- Barz, H.** New ternary superconductors with silicon 1-20902
- Barz, H.** see Espinosa, G.P. 1-31327
- Barz, H.** see Vandenberg, J.M. 1-20160
- Barzilai, F.D.** see Vlasik, V.F. 1-23847
- Barzilai, A.** see Adar, E. 1-17711
- Barzilai, S.**, Goldstein, Y., Balberg, I., Helman, J.S. Magnetic and transport properties of granular cobalt films 1-47888

- Barzov, A.A. see Prokoshin, D.A. 1-35481
 Bas, J. see Vives, C. 1-42098
 Bas, J. see Le Bas, J.
 Basak, A.K. see Okumusoglu, N.T. 1-23630
 Basak, P., Soni, J.P. Steady non-Darcy seepage through confined aquifer of variable thickness 1-22371
 Basak, S. see Carini, J.P. 1-30727, 1-52547
 Basano, L. Farewell to tachyons? 1-18005
 Basaran, O. see Armstrong, R.C. 1-46786
 Basargin, O.V., Zakharov, A.I., Trush, K.V. Accuracy requirements and the accuracy with which the TCLE of precision alloys can be determined 1-15379
 Basbas, G. see Johnson, D.E. 1-17944
 Basch, H. Electronic structure of heavy metal diatomics from ab initio relativistic effective core potential studies 1-41302
 Basch, H., Julienne, P.S., Krauss, M., Rosenkranz, M.D. Energy curves and moments for PbHe and PbXe 1-37264
 Basch, H., Newton, M.D., Moskowitz, J.W. The electronic structure of small nickel atom clusters 1-24305
 Baschenko, O.A., Nefedov, V.I. Relative intensities in X-ray photoelectron spectra. VII. The effect of elastic scattering in a solid on the angular distribution of photoelectrons escaping from samples covered with thin films of various thicknesses 1-16657
 Bascom, W.D. see Peyser, P. 1-38517
 Bascou, A., Maso, J.C. Limit state criterion and strain gradient 1-11354
 Bash, V.Ya. see Ostrovskii, A.A. 1-17002, 1-26692
 Bashara, N.M., Peng, Y.-K. Optical properties of Zircaloy and Zircaloy oxide by ellipsometry 1-8029
 Bashara, N.M. see Peng, Y.-K. 1-5361
 Basharov, A.M. see Alekseev, A.I. 1-6622
 Basharov, A.M. see Alekseev, A.I. 1-46462
 Basheer Ahmed, S. see Krishna Rao, K. 1-17263
 Bashenko, V.V., Detsik, N.N. Electron beam energy changes on electron beam welding in forevacuum 1-16635
 Bashford, J.A., Jr. see Warren, R.M. 1-13257
 Bashilov, V.A. see Zhimerin, D.G. 1-308
 Bashilov, Yu.A., Pokrovsky, S.V. Conservation laws in the quantum version of N-positronal Potts model 1-184
 Bashkatov, V.A. see Beloglazov, A.A. 1-19984
 Bashkin, A.S., Gorshunov, N.M., Kunin, Yu.A., Neshchimenko, Yu.P., Oraevskii, A.N., Yurysh, N.N. Gasdynamic chemical laser utilizing D₂O-CO₂ and H₂O-CO₂ mixtures. I. Experimental investigation 1-33673
 Bashkin, A.S., Gorshunov, N.M., Kunin, Yu.A., Neshchimenko, Yu.P., Oraevskii, A.N., Yurysh, N.N. Gasdynamic chemical laser utilizing a D₂O-CO₂ mixture. II. Calculation model 1-33674
 Bashkin, A.S., Oraevskii, A.N., Tomashov, V.N., Yurysh, N.N. Energy parameters of electron-beam-initiated H₂F₂, D₂F₂, and D₂F₂-CO₂ lasers 1-33672
 Bashkin, A.S., Vagin, N.P., Nazarov, O.R., Oraevskii, A.N., Pazyuk, V.S., Porodinkov, O.E., Yurysh, N.N. Investigations of a flashlamp-initiated large-volume chemical H₂-F₂ laser 1-51508
 Bashkin, E.P. Spin waves in polarised paramagnetic gases 1-42128
 Bashkin, E.P., Meierovich, A.E. Magnetic properties of ³He-⁴He quantum solutions 1-7409
 Bashkin, E.P., Meyerovich, A.E. Spin-polarized quantum ³He-⁴He solutions 1-2758
 Bashkin, E.P., Meyerovich, A.E. ³He-⁴He quantum solutions 1-52386
 Bashkin, S., Hallin, R., Leavitt, J., Litzen, U., Walker, D. Hydrogenic terms and the ionization potential of Xe VII 1-45882
 Bashkin, V.A., Dzhamgarov, G.M. Solution of boundary layer equations with the aid of series 1-15513
 Bashkina, G.A. see Aristov, V.V. 1-6512
 Bashkirov, Sh.Sh., Aminov, T.G., Liberman, A.B., Manenkova, L.K., Sinyavskii, V.I. Influence of small amounts of additives on the magnetic microstructure of Mn-Zn ferrites 1-20958
 Bashkirov, Sh.Sh., Khranov, A.S., Kuramshin, I.Ya., Pudovik, A.N. Probability of the Mossbauer effect in complexes of tin halides with organophosphorus ligands 1-31071
 Bashkirov, V.A. see Bogatin, Ya.G. 1-21386
 Bashkirov, Yu.A. see Zhimerin, D.G. 1-308
 Bashko, V.A. see Krivoruchko, S.M. 1-51962
 Bashmakov, Yu.A. see Alferov, D.F. 1-29199
 Bashnin, Yu.A. see Korovina, V.M. 1-3798
 Bashita, V.V. see Lebedev, A.A. 1-31623
 Bashitovoi, V.G., Krakov, M.S. Excitation of sound in a magnetizable fluid 1-2091
 Bashytov, N.S. see Artamonov, A.S. 1-23893
 Basiev, T.T., Voron'ko, Yu.K., Zharikov, E.V., Osiko, V.V., Timoshechkin, M.I. 'Dragging of the excitation' in strong noncoherent interaction of the ions Er³⁺ and Yb³⁺ in Y₃Al₂O₇ crystals 1-12583
 Basiladze, S.G., Komolov, L.N., Yudin, V.K. Autonomous diagnostic system for a beam of particles 1-1015
 Basiladze, S.G., Likhonai, L. Prospects for unification of analog-digital converters of hodoscopic registration systems 1-1038
 Basiladze, S.G., Nguen Kwang Min Generator of pulses of nanosecond duration and precise amplitude with digital control in standard CAMAC 1-40763
 Basiladze, S.G., Nguen Tkhil Sha Multichannel nanosecond-range logic circuits 1-45795
 Basile, M., Berbers, J., Contin, A., Favale, L., Ronbach, F., Zichichi, A., Romeo, G.C., Cifarelli, L., D'Ali, G., Di Cesare, P., Giusti, P., Massam, T., Palmonari, F., Sartorelli, G., Valenti, G., Esposito, B., Spinetti, M., Susinno, G., Votano, L., Laakso, I., Nania, R., Rossi, V. Results of the quark search experiment in high-energy neutrino interactions 1-10188
 Basile, M., Cara Romeo, G., Cifarelli, L., Contin, A., D'Ali, G., Di Cesare, P., Esposito, B., Giusti, P., Massam, T., Nania, R., Palmonari, F., Sartorelli, G., Valenti, G., Zichichi, A. The energy dependence of charged particle multiplicity in p-p interactions 1-5662
 Basile, M., Cara Romeo, G., Cifarelli, L., Contin, A., D'Ali, G., Di Cesare, P., Esposito, B., Giusti, P., Massam, T., Nania, R., Palmonari, F., Sartorelli, G., Spinetti, M., Susinno, G., Valenti, G., Zichichi, A. The ratio of charged-to-total energy in high-energy proton-proton interactions 1-45349
 Basile, M., Cara Romeo, G., Cifarelli, L., D'Ali, G., Di Cesare, P., Giusti, P., Massam, T., Palmonari, F., Sartorelli, G., Contin, A., Valenti, G., Zichichi, A., Esposito, B., Nania, R. The fractional momentum distribution in p-p collisions compared with e⁺e⁻ annihilation 1-5658
 Basile, M., Cara Romeo, G., Cifarelli, L., D'Ali, G., Di Cesare, P., Giusti, P., Massam, T., Palmonari, F., Sartorelli, G., Valenti, G., Zichichi, A., Esposito, B., Nania, R. Measurements of (p_T)_{in} and (p_T)_{out} distributions in high-energy pp interactions 1-28351
 Basile, M., Cara Romeo, G., Cifarelli, L., D'Ali, G., Di Cesare, P., Giusti, P., Massam, T., Palmonari, F., Sartorelli, G., Valenti, G., Contin, A., Favale, L., Zichichi, A., Esposito, B. A large-area time-of-flight system for a colliding beam machine 1-51066
 Basilevsky, A.T., Ronca, L.B., Ivanov, B.A. On the rate of ancient meteoroidal flux: studies of the pre-mare crater population on the Moon 1-49547
 Basilevsky, M.V., Gerasimov, G.N., Petrochenko, S.I., Tikhomirov, V.A. Quantum-chemical investigation of the mechanism of ionic polymerization in crystals 1-53422
 Basili, P., Ciotti, P., Solimini, D. Inversion of ground-based radiometric data by Kalman filtering 1-54279
 Basili, R., El-Sharkawy, A., Atalla, S. Experimental determination of the thermal properties of Nb₂O₅, La₂O₃ and Ce₂O₃ in the temperature range 400-1000K 1-2720
 Basilova, R.N., Grigorov, N.L., Kogan-Laskina, E.I., Pugacheva, G.I. Fluxes of quasi-trapped electrons with energies higher than 80 MeV at a height of 200-250 km 1-36142
 Basilova, R.N., Kogan-Laskina, Ye.I., Pugacheva, G.I. Ionization energy losses of electrons leaving the atmosphere with allowance for the change in magnetic field strength along the particle trajectory 1-4683
 Basina, F.I. see Kal'ner, D.A. 1-3858
 Basina, A.N. see Abrahamman, E.O. 1-722
 Basinger, S.F., Matthes, M.T. The effect of long-term constant light on the frog pigment epithelium 1-35821
 Basinger, S.F. see Hollyfield, J.G. 1-35778
 Basinska, E. see Primini, F.A. 1-49830
 Basinska, E.M., Lewin, W.H.G., Cominsky, L., Van Paradijs, J., Marshall, F.J. The very long type II X-ray bursts from the Rapid Burster 1-22926
 Basinski, S.J., Basinski, Z.S. Plastic deformation and work hardening 1-3786
 Basinski, Z.S. see Basinski, S.J. 1-3786
 Baskakov, A.N., Korienko, L.S. Field and energy distribution of a standing wave inside a dielectric mirror over a wide spectral range 1-51595
 Baskakov, A.P. see Maskaev, V.K. 1-13043
 Baskakov, V.A. Interaction of shock waves in an elastoplastic medium with hardening 1-41976
 Baskaran, G. Peierls instability in disordered quasi-one-dimensional conductors 1-20713
 Baskes, M.I. see Bohdanský, J. 1-25314
 Baskes, M.I. see Cole, R.K., Jr. 1-10490
 Baskes, M.J. A calculation of the surface recombination rate constant for hydrogen isotopes on metals 1-7461
 Baskin, L.M., Egorov, N.B., Ptitsyn, V.E., Fursel, G.N. Effect of deep capture centers on the emissivity of wide-gap semiconductor field-emission cathodes 1-3583
 Baskin, L.M. see Shirochin, L.A. 1-53060
 Basko, M.M., Polnarev, A.G. Polarization and anisotropy of the primordial radiation in an anisotropic universe 1-44677
 Basko, M.M., Rudzskii, M.A., Seidov, Z.F. Collapse of low-mass stars 1-49607
 Baskova, K.A. see Avchukhov, V.D. 1-33235, 1-45386
 Basmajian, J.F. see Hollenberg, G.W. 1-2526
 Basmajov, V.A. see Pavlovskii, A.I. 1-18931
 Basol, B.I. see Shimanskaya, E.T. 1-42526
 Basol, B.M., Stafudd, O.M. Observation of electron traps in electrochemically deposited CdTe films 1-34813
 Basol, B.M. see Nath, P. 1-16389
 Basov, N.G., Belyan, V.F., Zhilkin, G.P., Zvezdin, V.S., Krasovskii, V.S., Krokhin, O.N., Kruglov, B.V., Kutsenko, A.V., Ol'shevskii, Yu.N., Pletnev, N.V., Senatskii, Yu.V., Sklizkov, G.V., Subbotin, L.K., Fedotov, S.I., Shermet'evskii, N.N. Principles of alignment of multibeam lasers for thermonuclear purposes 1-6597
 Basov, N.G., Bykovskii, N.E., Danilov, A.E., Kalashnikov, M.P., Krokhin, O.N., Kruglov, B.V., Mikhailov, Yu.A., Osetrov, V.P., Pletnev, N.V., Rode, A.V., Senatskii, Yu.V., Sklizkov, G.V., Fedotov, S.I., Fedorov, A.N. The 'Del'fin' high-power laser facility for heating spherical thermonuclear targets 1-6596
 Basov, N.G., Danilychev, V.A., Ionin, A.A., Kazakevich, V.S., Kovsh, I.B., Pantelev, G.V., Poletaev, N.L., Sobolev, V.A., Troitskii, V.F. Electroionization laser with a cooled active region 1-24389
 Basov, N.G., Glotov, E.P., Danilychev, V.A., Soroka, A.M. Characteristics of a CW electron-beam-controlled CO₂ laser employing a cooled active mixture 1-6578
 Basov, N.G., Glotov, E.P., Danilychev, V.A., Soroka, A.M. CW electroionization CO₂ laser with turbocompressor gas cooling to cryogenic temperatures 1-33716
 Basov, N.G., Kazakevich, V.S., Kovsh, I.B. Electron-beam-controlled laser utilizing the first overtones of the vibrational-rotational transitions in the CO molecule. I. Time-resolved spectral characteristics 1-46312
 Basov, N.G., Kazakevich, V.S., Kovsh, I.B. Electron-beam-controlled laser utilizing the first overtones of the vibrational-rotational transitions in the CO molecule. II. Energy characteristics 1-46313
 Basov, N.G., Shikanov, A.S., Sklizkov, G.V., Zakharov, Yu.A., Sweeney, D.U., Attwood, D.T. The numerical treatment of interferograms of highly inhomogeneous phase objects 1-25084
 Basov, N.G., Zubarev, I.G., Mironov, A.B., Mikhailov, S.I., Okulov, A.Yu. Laser interferometer with mirrors reversing the wave front 1-23294
 Basov, N.G. see Aleksandrov, V.V. 1-33700
 Basov, N.G. see Sechenov, D.A. 1-43550
 Basov, Yu.G., Boldyreva, S.A. Heat losses in xenon flash lamps with short discharge time 1-15674
 Basov, Yu.G., Boldyreva, S.A., Gavirova, L.I., Pakhomov, V.K. Spectral composition of emission of tubular and coaxial flash lamps with a short-lived discharge 1-52010
 Basov, Yu.G., Kozlov, N.A., Mnuskin, V.E., Tokareva, A.N., Fomin, V.V. Characteristics of lamps of the type INP-5/75A, designed for pumping dyestuff lasers 1-6565
 Basov, Yu.G. see Avanesov, A.G. 1-6579
 Basov, Yu.P., Volchok, L.G., Zytachina, T.G., Kozlov, V.P., Kozlov, F.A., Nalimov, Yu.P. Effect of electromagnetic mixing on transport processes in cold impurity traps 1-11401
 Basovich, A.Ya., Gromov, E.M., Talanov, V.I. Interaction of ion-acoustic solitons with Langmuir turbulence 1-51946
 Basri, G.S. Formation of chromospheric resonance line profiles in supergiants B 1-49644
 Bass, F.G., Gredecul, O.A. Nonlinear theory of the parametric amplification of coupled waves 1-25765
 Bass, F.G., Sinitsin, Yu.A. Propagation of longitudinal and transverse non-linear waves in a plasma 1-24965
 Bass, H.E. Absorption of sound by air: High temperature predictions 1-37674
 Bass, H.E. see Shields, F.D. 1-15318
 Bass, J. see Bruls, G.J.C.L. 1-42745
 Bass, J. see Brunings, J. 1-10432
 Bass, J. see Ribot, J.H.J.M. 1-42743
 Bass, J.C. see Eisner, N.B. 1-48884
 Bass, M. see Singh, H.B. 1-48490
 Bass, M. see Soileau, A.J. 1-39195
 Bass, M. see Stewart, A.F. 1-41787
 Bass, N.M., Connolly, J.J. The performance of industrial platinum resistance thermometers 1-23230
 Bass, R. Nuclear reactions with heavy ions 1-36463
 Bass, R. Fusion reactions: Successes and limitations of a one-dimensional description 1-50696
 Bass, R. see Arlt, U. 1-5796
 Bassa, G., Nguyen Si Mao Investigation of collision of flow in boilers' combustion chambers 1-26743
 Bassalleck, B. see Mazzucato, E. 1-14556

- Bassalo, J.M., Cattani, M., Walder, V.S.** Semiclassical convergent calculations for the electron-impact broadening and shift of some lines of neutral helium in a hot plasma 1-1182
- Bassan, M., Ciliberto, S.** A phase modulated optical heterodyne interferometer to detect VLF vibrations 1-339
- Bassan, M.** *see* Arcelli, F.T. 1-5369
- Bassan, M.** *see* Rocchi, L.R. 1-53791
- Bassani, F.** Core excitons in solids 1-30637
- Bassanini, P., Mattioli, N.** Uniqueness of periodic solutions of the linearized quasi-hydrodynamic plasma equations with impedance boundary conditions 1-42172
- Basse-Cathalinat, B., Baquay, C., Llabador, Y., Fleury, A.** Direct in vivo study of flowing blood-artificial surface interactions—an original application of dynamic isotope techniques 1-40026
- Basse-Cathalinat, B., More, N., Barat, J.L., Brothier, J.P., Nguyen-Ngoc, H.** Description and biomedical application of drift chamber imaging systems 1-39998
- Bassery, L., Deprez, G., Hazebrouck, R.** Contribution to the experimental study of the reflection of an impulsive spherical wave 1-24561
- Basset, J.** *see* Boivin, P. 1-32558
- Basset, D.C., Hodge, A.M., Olley, R.H.** Lamellar morphologies in melt-crystallized polyethylene 1-30101
- Basset, I.M., Derrick, G.H.** An upper bound on the efficiency of a collector of diffuse radiation onto a grey absorber 1-10912
- Basset, I.M., Derrick, G.H.** An upper bound on the efficiency of a cavity absorber 1-41942
- Basset, W.A.** Synchrotron radiation, an intense X-ray source for high pressure diffraction studies 1-32547
- Basset, W.A.** *see* Bird, J.M. 1-22290
- Bassetto, A.** *see* Amati, D. 1-597
- Bassi, D., Boschetti, A., Marchetti, S., Scoles, G., Zen, M.** State resolved rotational relaxation of CO in the free jet expansion of He-CO mixtures 1-51266
- Bassi, D., Iannotta, S., Nicolini, S.** Pulsed molecular beam source 1-50271
- Bassi, D.** *see* Anderle, M. 1-24235
- Bassi, P., Zoboli, M.** Increasing the sensitivity of time-domain techniques for measuring optical fiber transfer functions 1-37609
- Bassi, R.** *see* Bazzocchi, R. 1-8904
- Bassichis, W.H.** *see* Werby, M.F. 1-5777
- Bassingthwaite, J.B.** *see* Levin, M. 1-8790
- Bassiouni, M.K.** *see* Hahne, E. 1-1814
- Bassiouny, A.K.** Correlation function of one-dimensional Ising model with power-law potential 1-27889
- Bassiouny, A.K., Al-Ani, A.-S.H., Abdi-Hamad, K.M.** Total cross-section and multiplicity for multiple production of hadrons 1-23484
- Bassler, H.** *see* Hesse, R. 1-12142
- Bassler, H.** *see* Lochner, K. 1-15946, 1-21725, 1-52598
- Bassler, H.** *see* Maruyama, Y. 1-42818
- Bassler, H.** *see* Mondong, R. 1-52080
- Bassler, H.** *see* Schongner, G. 1-25637
- Bassler, U., Storer, J.** The neural basis of the femur-tibia-control-system in the stick insect *Carausius morosus*. I. Motoneurons of the extensor tibiae muscle 1-17370
- Bassner, H., Krulle, G., Zeyfang, E.** Development status and application of the electric propulsion system RIT-10 used for station-keeping 1-40305
- Basso, H.C., Aegerter, M.A.** Chopper technique for measuring a delayed fluorescence spectrum superimposed on an excitation spectrum 1-36739
- Bassoli, M.** *see* Bonora, P.L. 1-21650
- Bassompierre, G.** *see* Altkofer, O.C. 1-45773
- Bassompierre, G.** *see* Arnault, C. 1-23947
- Bassompierre, G.** *see* Aubert, J.J. 1-5630
- Basson, J.H., van Vechten, J.A.** Comment on Threshold for optically induced dislocation glide in GaAs-GaAlAs double heterostructures: Degradation via a new cooperative phenomenon? 1-47090
- Basson, J.H.** *see* Booyens, H. 1-3361, 1-3362
- Bast, J.A.** *see* Asher, J.A. 1-53580
- Bastard, G.** Dielectric anomalies in extremely non-parabolic zero-gap semiconductors 1-42709
- Bastard, G.** *see* Lewiner, C. 1-2929
- Bastasz, R.** Auger analysis of silver-glass interfaces 1-12910
- Bastasz, R.** Hydrogen ion impact desorption of sulfur from stainless steel 1-25558
- Bastasz, R.** SIMS apparatus to study ion impact desorption 1-28119
- Bastawros, A.M.** *see* Grais, K.I. 1-21303
- Basten, J.A.J., Frikkee, E., de Jonge, W.J.M.** Neutron-scattering study of bicritical behavior in CsMnBr₂D₂O 1-7855
- Bastiaans, M.J.** The expansion of an optical signal into a discrete set of Gaussian beams 1-1504
- Bastiaans, M.J.** The Wigner distribution function and its applications to optics 1-41595
- Bastiaans, M.J.** Gabor's expansion of a signal into a discrete set of Gaussian elementary signals 1-41599
- Bastiaans, M.J.** Sampling theorem for the complex spectrogram, and Gabor's expansion of a signal in Gaussian elementary signals 1-51394
- Bastian, J., Heiligenberg, W.** Phase-sensitive mid-brain neurons in Eigenmannia: neural correlates of the jamming avoidance response 1-26895
- Bastian, T.S., Chenette, D.L., Simpson, J.A.** Charged particle anisotropies in Saturn's magnetosphere 1-40392
- Bastian, T.S.** *see* Simpson, J.A. 1-40391
- Bastide, G., Sagnes, G., Merlet, C.** Uniaxial stress dependence of the 'EL2' and 'EL3' deep levels in bulk GaAs 1-2918
- Bastide, G.** *see* Housin, M. 1-7635
- Bastide, J.P., Bonnetot, B.** Polymorphism of magnesium hydride under high pressure 1-34275
- Bastide, J.P., Bonnetot, B., Letoffe, J.-M., Claudy, P.** Polymorphism of magnesium hydride under high pressure 1-31459
- Bastide, J.-P., Bonnetot, B., Letoffe, J.-M., Claudy, P.** Polymorphism of magnesium hydride under high pressure 1-21443
- Bastie, P., Vallade, M., Vettier, C., Zeyen, C.M.E., Meister, H.** Neutron diffraction investigation of the tricritical point of KH₂PO₄ 1-52902
- Bastie, P.** *see* Bornarel, J. 1-20036
- Bastien, F.** *see* Doussot, C. 1-15580, 1-41498
- Bastien, P.** Fragmentation, fragment interactions, and the stellar mass spectrum 1-36268
- Bastien, P.** The wavelength dependence of linear polarization in T Tauri stars 1-54495
- Bastin, A., Motz, M. (translator)** Elastic waves in solids. Applications to signal processing 1-44733
- Bastin, G.** Stochastic parameter estimation of a steady-state groundwaterflow model 1-54154
- Bastin, G., Peghaire, A., Thibaud, J.P., Andre, S., Barneoud, D., Foin, C., Aguer, P.** High-spin states in the N=84 nucleus ¹⁵²Er 1-604
- Bastin, G.F.** *see* Van Loo, F.J.J. 1-39311
- Bastos, A.C.** *see* Chawla, K.K. 1-43471
- Bastos, J.P., Jablon, C., Quichaud, G., Rioux-Damidaou, F.** Numerical modelling of magnetic field distribution in stacked iron sheets using finite elements 1-24313
- Bastow, S.J., Dunn, M.H.** The generation of tunable UV radiation from 238-249 nm, by intracavity frequency doubling of a coumarin 102 dye laser 1-15224
- Bastun, V.N.** Assessment of metal strain anisotropy 1-3866
- Bastuscheck, C.M., Buhrman, R.A., Kulick, J.D., Scott, J.C.** Superconductivity in niobium triselenide 1-38899
- Basu, A.** *see* Bose, M. 1-3270
- Basu, A.** *see* Gupta, A. 1-44135
- Basu, A.N., Sengupta, S.** Perturbation-theoretical model calculation of the lattice mechanics of ionic crystals in the point-dipole approximation 1-25383
- Basu, A.N.** *see* Ghosh, S. 1-47192
- Basu, B., Bhattacharya, T.** The formation of superdense gaseous cores in the nuclei of disk galaxies. II 1-54617
- Basu, B., Bhattacharya, T., Gupta, A.S.** Masses of disk galaxies and their mass-luminosity ratios. II 1-13853
- Basu, B.** *see* Bhattacharyya, T. 1-36390
- Basu, B.K., Satish, S.** Ultrasonic energy gap measurement in lead doped with a small amount of gold 1-42904
- Basu, C., Goswami, K., Chaudhuri, S., Choudhury, A.** Variation of electron range in defect induced potassium iodide crystal 1-42437
- Basu, D.** Correlation between colors and redshift of optically violent QSOs 1-13875
- Basu, D., Verma, J.K.D.** The weighting coefficients in HBT method and Debye temperatures of tetrahedrally bonded semiconductors 1-34449
- Basu, D.** *see* Saha, S. 1-1294
- Basu, D.** *see* Verma, J.K.D. 1-20296
- Basu, J., Das, S.K.** Cutoff frequencies of intermediate frequency waves in a bounded magnetoplasma 1-42177
- Basu, K.** Materials science—how it came into being 1-22988
- Basu, P.K., Nag, B.R.** Lattice scattering mobility of a two-dimensional electron gas in GaAs 1-25723
- Basu, P.K.** *see* Roy, J.B. 1-30804
- Basu, P.K.** *see* Roychoudhury, D. 1-34799
- Basu, R.S., Sengers, J.V., Watson, J.T.R.** Viscosity of steam in the critical region 1-29820
- Basu, R.S.** *see* Watson, J.T.R. 1-46840
- Basu, S., McClure, J.P., Basu, S., Hanson, W.B., Aarons, J.** Coordinated study of equatorial scintillation and in situ and radar observations of nighttime F region irregularities 1-17733
- Basu, S.** *see* Basu, S. 1-17733
- Basu, S.** *see* Chakravarty, A.S. 1-25907
- Basu, S.** *see* DiCenzo, S.B. 1-48239
- Basu, T.** *see* Kobayashi, A.S. 1-43520
- Basu, T.K., Subba Rao, K., Srinivasan, M.** Details of the (n,2n) multiplication process of 14-MeV-neutrons in beryllium blankets 1-5774
- Basu, U., Addy, I., Datta, B.K.** Investigation of the problem of singularities in general relativity 1-40682
- Basu Santimay** *see* Santimay Basu
- Basu Sunanda** *see* Sunanda Basu
- Baszynski, J., Szymanski, B.** Rotatable magnetic anisotropy in epitaxial ferrite layers 1-7911
- Baszynski, J.** *see* Dubowik, J. 1-7898
- Batalin, G.I.** *see* Yurchenko, N.P. 1-3064
- Batalin, I.A., Savvidi, G.K.** On the gauge invariance of effective action on precise sourceless extremals 1-416
- Batalin, V.G.** *see* Eremenko, V.N. 1-31425
- Battalin, F., Rosenman, I., Simon, C.** Quantum oscillatory effects and band structure in graphite intercalation compounds 1-42678
- Battalan, F.** *see* Rosenman, I. 1-47437
- Batalov, V.S.** *see* Matausek, M.R. 1-29471
- Batanov, G.M., Kossyi, I.A., Luk'yanchikov, G.S.** Externally sustained microwave discharge and possible laser applications 1-25099
- Batarunas, I.** *see* Grigas, I. 1-20332
- Batavin, V.V., Salmanov, A.R., Shchelokov, A.N.** Oblique sections of epitaxial GaAs with specified taper obtained by chemical etching 1-16917
- Batchelder, L.S.** *see* Jelinski, L.W. 1-8818
- Batchelor, R.A., McCulloch, M.G., Whiteoak, J.B.** Observations of the J=1-0 transition of HCO⁺ in southern molecular clouds 1-54595
- Batdjalov, A.B., Red'ko, N.A.** Lattice and electronic thermal conductivities of pure tungsten at low temperatures 1-12091
- Batelaan, P.D.** *see* Murphy, J.P. 1-49512
- Bateman, G.** *see* An, C.-H. 1-46873
- Bateman, G.** *see* Cooper, W.A. 1-46883
- Bateman, J.E., Connolly, J.F., Stephenson, R., Fleisher, A.C.** The development of the Rutherford Laboratory MWPC positron camera 1-14731
- Bateman, J.R.M.** *see* Sheahan, N.F. 1-8981
- Batenin, V.M., Klimovskii, I.I., Lesnoi, M.A., Selezneva, L.A.** Plasma parameters in the after-glow of a copper vapor laser 1-6544
- Batenin, V.M., Zayakin, A.A., Klimovskii, I.I.** Kinetics of recombination of copper atoms in copper halide vapor lasers 1-51459
- Bater, V.N., Grozen, A.G.** Inclusive production of quarkonium in e⁺e⁻ annihilation 1-50449
- Bates, A.R.** *see* Jenkins, T.E. 1-42534
- Bates, B., Giarretta, D.L., Sweeney, P.J.P.** The application of a coherent optical data processing system to photographically recorded astronomical spectra 1-17775
- Bates, C.A.** *see* Abkhani, A.S. 1-52533
- Bates, C.W., Jr., van Attekum, P.M.Th.M., Wertheim, G.K., West, K.W., Buchanan, D.N.E.** Electronic properties of CsSn 1-25813
- Bates, C.W., Jr.** *see* Galan, L. 1-42353
- Bates, D.R.** Temperature scaling of the coefficient for ionic recombination in an ambient gas 1-6352
- Bates, D.R.** Universal curve for ter-molecular ionic recombination coefficients 1-10797
- Bates, D.R.** The O(¹S) quantum yield from O₂⁺ dissociative recombination 1-22615
- Bates, D.R.** Ionic recombination at high ion densities 1-41501
- Bates, D.R.** *see* Hibbert, A. 1-54303
- Bates, D.R., Bederson, B. (editor)** Advances in atomic and molecular physics, vol.14 1-13947
- Bates, F.S.** *see* Cohen, R.E. 1-43311
- Bates, H.F., Shapiro, L.H.** Breaking ice with gravity waves 1-40237
- Bates, J., Ader, M., Meisenhelder, J., Shinn, W., Tani, B.S., Krumpelt, M.** Phase relations in the thorium-cadmium system 1-53157
- Bates, J.C.** Radiography using one-microelectronvolt neutrons 1-35464
- Bates, J.L.** *see* Marchant, D.D. 1-26842
- Bates, J.R.** On the CISK modes of a two-level atmospheric model 1-32509
- Bates, R.C., Santhanam, A.T.** Relationship between notch tip strain and crack-opening displacement 1-29623
- Bates, R.D., Jr.** *see* Borah, B. 1-14949, 1-47974
- Bates, R.H.T.** *see* Cady, F.M. 1-6500
- Bates, R.H.T.** *see* McKinnon, G.C. 1-53869
- Bates, T.** Applying new technology to distance education: a case-study from the Open University of difficulties in innovation 1-27734
- Bater, P.M., Ivanovich, M.D., Kafedjiska, E.I., Simeonov, S.S.** Schottky barrier at a Mo-GaAs contact 1-12179
- Bath, A., Gasser, J.G., Bretonnet, J.L., Bianchini, R., Kleim, R.** Electrical resistivity and thermoelectric power of liquid Ge-Sb and Pb-Sb alloys 1-30706
- Bath, G.T., Pringle, J.E.** The evolution of viscous discs. I. Mass transfer variations 1-54557
- Bath, M.** Intensity relations for Swedish earthquakes 1-4462
- Batbe, K.-J.** *see* Batoz, J.-L. 1-24677
- Batbelit, A.G., Viskanta, R.** Heat transfer at the solid-liquid interface during melting from a horizontal cylinder 1-19547

- Bathier, M. *see* Jacquet, M. 1-2499
- Batignani, G. *see* Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Batirev, I.G., Katsnelson, A.A., Kertesz, L., Szasz, A. Coherent potential approximation of short-range order in cluster models of alloys 1-2862
- Batistchev, V.A. Asymptotics of the flows of a liquid with a free boundary with vanishing viscosity 1-46723
- Batista, I.S. *see* Sobral, J.H.A. 1-36093, 1-44355
- Batiza, R. Miocene spreading centre south of Isla Guadalupe 1-49250
- Batkin, I.S., Berkman, M.I. Excitation of low-lying nuclear states by synchrotron radiation 1-10347
- Batkin, I.S., Ivankov, Yu.V., Kalupin, L.G. Nuclear polarization corrections to mesotransition energies of even-even spherical nuclei in the region $60 \leq A \leq 150$ 1-5733
- Batkin, I.S., Kopytin, I.V. Thermally stimulated emission of nuclear γ quanta 1-18604
- Batkin, I.S., Kopytin, I.V., Smirnov, Yu.G., Churakova, T.A. Ionization of internal atomic shells during β decay 1-41354
- Batkin, I.S., Smirnov, Yu.G. Secondary effects in nuclear β -decay 1-23606
- Batley, R. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Batley, R. *see* Grassler, H. 1-50414
- Batlogg, B. Valence changes in TmSe by alloying with TmTe and EuSe 1-42726
- Batlogg, B. Dielectric response of mixed-valent TmSe 1-48116
- Batlogg, B. *see* Remeika, J.P. 1-4075
- Batog, V.N. *see* Kanishcheva, A.S. 1-25226
- Batolin, N.A. *see* Moiseev, G.K. 1-31445
- Batov, V.G. *see* Blinov, V.N. 1-53220
- Batoz, J.-L., Bathe, K.-J., Lee-Wing Ho A study of three-node triangular plate bending elements 1-24677
- Batra, A.P., Hernandez, J.P., Slifkin, L.M. Crystal-field effects in the diffusion of transition-metal ions in silver chloride 1-2699
- Batra, I.P. *see* Samuelson, L. 1-2859
- Batrak, A.G., Lavrent'ev, F.F., Nikiforenko, V.N., Yanson, I.K. Effect of dislocations on microcontact spectra of single-crystal zinc 1-30715
- Batrakov, V.P., Zhilikov, V.P., Kafelnikov, V.V., Kornaukhov, B.E. Tendency toward corrosion cracking of V93 p.c.h. aluminum alloy in a 3.5% NaCl solution 1-53348
- Batrakov, V.V. *see* Ipatov, Yu.P. 1-52433, 1-53433
- Batrakov, Yu.V., Makarova, E.N. Generalized Encke method for computing the perturbed motion 1-49479
- Batsanov, A.S., Struchkov, Yu.T., Batsanov, S.S. Detonation synthesis and crystal structure of $[\text{ClF}_6][\text{CuF}_4]$ 1-25224
- Batsanov, S.S. *see* Batsanov, A.S. 1-25224
- Batsev, S., Bonch-Osmolovskaya, N.A., Budzyak, A.V., Kuznetsov, V.V., Usmanov, R.R. A study of γ -coincidences during ^{169}Lu decays 1-45384
- Batson, C.H. *see* Berkowitz, J. 1-19143
- Batson, J., Lloyd, G.O. Microstructural studies of alloy oxidation. II. A high resolution replica technique for thick oxide films and its application to the breakaway scale on Fe/10% Cr 1-26683
- Batson, P.E. *see* Chapman, J.N. 1-20037
- Batson, R.M., Bridges, P.M., Inge, J.L., Isbell, C., Masursky, H., Strobel, M.E., Tyner, R.L. Mapping the Galilean satellites of Jupiter with Voyager data 1-44479
- Batt, J. Recent developments in the mathematical investigation of the initial value problem of stellar dynamics and plasma physics 1-6932
- Battaglia, F., Gianturco, F.A. Vibrational relaxation of HF colliding with helium. A coupled quantum treatment 1-46081
- Battaglia, F. *see* Gianturco, F.A. 1-51265
- Battaglia, M.R. *see* Madden, P.A. 1-30023
- Battaglioli, G. *see* Bonora, P.L. 1-21650
- Battaglioli, G., Della Mea, G., Foti, G. Lattice location of light implanted ions in Si and Ge after laser annealing 1-11778
- Battaglioli, J.L., Shanebrook, J.R. Design and in vitro performance characteristics of a vortex tube left ventricular assist device 1-13358
- Battani, L.J. Observations of two Colorado thunderstorms by means of a zenith-pointing Doppler radar 1-22421
- Battani, L.J. Referencing practices in cloud physics 1-32485
- Battani, L.J. *see* Bohren, C.F. 1-49341
- Battaner, E. Two-dimensional vector algebra: application to plane fluid flow and horizontal winds 1-40655
- Battaner, E., Molina, A. Turbopause internal gravity waves, 557.7 nm airglow, and eddy diffusion coefficient 1-40239
- Battat, M.E. *see* Pendergrass, J.H. 1-41246
- Battermann, B.W. Status report of the Cornell high energy synchrotron radiation source (CHESS) 1-23884
- Battermann, B.W. *see* Mills, D. 1-11641
- Battermann, J.J. *see* Mijnheer, B.J. 1-32249
- Batthey-Pratt, E.P., Racey, T.J. Geometric model for fundamental particles 1-5550
- Battezzati, L. *see* Antonione, C. 1-25175
- Battezzati, M. The method of canonical transformations applied to the motion of a charge coupled to the electromagnetic field in the non-relativistic approximation 1-32860
- Battista, J.J., Bronskill, M.J. Compton scatter imaging of transverse sections: an overall appraisal and evaluation for radiotherapy planning 1-43961
- Battistini, P., Bonoli, F., Braccisi, A., Fusi Pecci, F., Malagnini, M.L. Search for (globular) clusters in M31. I. Candidates in a $70'$ square field centered on M31 1-17882
- Battiston, R. *see* Antreasyan, D. 1-10287
- Battistoni, G., Lapicicella, A. Ab initio extended basis set (4-31G) LCAO-MO calculations on the cis-trans and trans-cis conformers of the S-methyl ester of dithiocarbamic acid 1-6149
- Battistoni, G., Denni, U., Iarocci, E., Mazzenga, G., Nicoletti, G., Trasatti, L. Resistive cathode detectors with bidimensional strip readout: tubes and drift chambers 1-14757
- Battistoni, G. *see* Bacci, C. 1-575
- Battistuzzi, G. *see* Kawade, K. 1-23601, 1-28385
- Battistuzzi, G. *see* Wolf, A. 1-18560
- Battocchetti, J.H., Salles-Cunha, S., Halbach, R.E., Nelson, J., Sances, A., Jr., Antonich, F.J. Exposure of rhesus monkeys to 20000 G steady magnetic field: effect on blood parameters 1-43891
- Battocchetti, J.H. *see* Halbach, R.E. 1-35854, 1-35877
- Battocchetti, J.H. *see* Salles-Cunha, S.X. 1-35740, 1-35858
- Battut, J.-P., Berthet, G., Dupuis, J. Electronic relaxation time measurements T_1^e on sodium solutions in hexamethylphosphoramide at 3400 to 21 Gs 1-34922
- Batty, C.J. Exotic atoms: A review 1-46176
- Batty, C.J., Biagi, S.F., Riddle, R.A.J., Roberts, B.L., Pyle, G.J., Squier, G.T.A., Asbury, D.M., Clough, A.S. Nuclear quadrupole deformation effects on pionic and kaonic X-rays 1-51322
- Batty, D.G.H. A note on singularities 1-54192
- Baturin, S.V. *see* Malinovskii, Yu.A. 1-2414
- Batusov, Y.M., Bunyatov, A.A., Lyukov, V.V., Sidorov, V.M., Tyapkina, A.A., Yarba, V.A. A possible occasion of the formation and decay of a supernucleus 1-41113
- Batyev, E.G., Borisjuk, V.A. Exciton isolator as a ferroelectric 1-2879
- Batyev, E.G., Borisjuk, V.A. Exciton dielectric in an alternating electric field 1-42701
- Batygin, V.V., Dovator, N.A., Zhitnikov, R.A., Matisov, B.G. Method for detecting the 'tuning-fork' effect among optically oriented atoms by a two-frequency microwave resonance 1-33414
- Batygin, V.V., Gornyi, M.B., Matisov, B.G. Tuning-fork effect in atomic systems 1-1200
- Batygin, V.V., Gornyi, M.B., Matisov, B.G. Time-varying negative absorption of light without a population inversion in an RF-optical double resonance 1-33415
- Batygin, V.V., Batygin, V.V., Gornyi, M.B., Gurevich, B.M. Hyperfine shifts, broadening, and temperature coefficients of the frequency: theory and analysis of experimental data 1-28926
- Batygin, V.V. *see* Batygin, V.V. 1-28926
- Batygin, Yu.V., Ivanov, G.M., Makhnenko, L.A. Optimizing the energy characteristics of linear accelerators 1-28750
- Batygin, Yu.V., Naugol'nyi, N.N., Makhnenko, L.A., Reprintsev, L.V. Excitation of waveguide structures with dielectric discontinuities by a charged-particle beam 1-23923
- Batygov, S.Kh. *see* Aleksandrov, V.I. 1-38400
- Batyrev, I.G. Influence of short-range order on the electron states density of binary alloys 1-12008
- Batyrev, I.G. Enthalpy of the formation of binary alloys with short-range order 1-31890
- Batyrev, I.G., Katsnelson, A.A. The effect of the Fermi level position in the binary alloy d-band on the short-range parameter sign 1-7502
- Batyrev, V.A. *see* Meleshina, V.A. 1-38545
- Batymun, A.V., Dobilkin, B.S., Kondrat'ev, R.L., Lisin, V.P. Measurement of the charge radius of the carbon nucleus 1-33215
- Batymun, A.V., Dolbilkin, B.S., Kondrat'ev, R.L., Oboznyi, V.A., Lisin, V.P. Calculation of a three-magnet beam-forming system for an experiment on electron scattering by nuclei 1-40894
- Batyunya, B.V., Boguslavsky, I.V., Gramenitsky, I.M., Lednicki, R., Levonian, S.V., Tikhonova, L.A., Valkarova, A., Vrba, V., Zlatanov, Z., Boos, E.G., Samoilov, V.V., Takibaev, Zh.S., Temiraliyev, T., Lichard, P., Masejova, A., Dumbrajs, S., Ertvanne, J., Hannula, E., Villanen, P., Dementiev, R.K., Korzhavina, I.A., Leikin, E.M., Rud, V.I., Herynek, I., Reimer, P., Ridky, J., Sedlak, J., Simak, V., Suk, M., Khudzadze, A.M., Kuratashvili, G.O., Topuriya, T.P., Tzintzadze, V.D. The description of inclusive characteristics in pp interactions at 22.4 GeV/c in terms of the quark-parton model 1-600
- Batyunya, B.V. *see* Boos, E.G. 1-5661
- Batzle, M.L., Simmons, G., Siegfried, R.W. Microcrack closure in rocks under stress: direct observation 1-44171
- Bau Jin-Ying *see* Jiang Bai-Lin 1-25272
- Bauch, L., Reuther, R., Schmidt, I. Relationship between image structure and detail restitution properties of silver halide evaporated layers 1-5422
- Bauch, R., Cambini, M., Weisgerber, P., DeAsmundis, C., Plog, C. Investigations on oxide formed in high-temperature water on austenitic steel 1-8470
- Bauch, J. On the use of $|\Psi(0)|^2$ from hyperfine structure in isotope shift 1-45902
- Bauch, J. *see* Clerq, E. 1-45920
- Bauche-Arnoult, C. *see* Wyart, J.F. 1-37088
- Bauchinger, M., Kolin-Geresheim, J., Schmid, E., Dresch, J. Chromosome analyses of nuclear-power plant workers 1-32201
- Bauchinger, M. *see* Schmid, E. 1-49071
- Bauke, F.G.K., Duffy, J.A. Ion migration study in a sodium borate glass: proposal of a new oxide transport 1-21733
- Baud, B., Wouterloot, J.G.A. OH observations of molecular complexes in Orion and Taurus 1-17887
- Baud, G. *see* Besse, J.-P. 1-20154
- Baud, G. *see* Picard, J.P. 1-20143
- Baudais, F.L., Borsche, A.J., Fedyk, J.D., Dignan, M.J. The decomposition of methanol on Ni(100) 1-17108
- Baudet, B. *see* Dufailly, J. 1-35314
- Baudet, B. *see* Jalimier, J.M. 1-3771, 1-43369
- Baudet, B. *see* McQueen, H.J. 1-12844
- Baudet, B. *see* Schmitt, J.H. 1-39372
- Baudet, B. *see* Souza Nobrega, M.C. 1-3770
- Bauder, A. *see* Ghosh, P.N. 1-28960
- Bauder, A. *see* Walder, E. 1-6244
- Bauder, P., Horncastle, A., Lurf, G., Stephany, M. Competing for the non-USA enrichment markets 1-14685
- Bauder, U.H. High pressure plasma research 1-38056
- Baudet, J. *see* Delmas, R. 1-13528
- Baudinet-Robinet, Y., Garnier, H.P., Dumont, P.D., Renier, B. Relative excitation functions for beam-foil populations in N II, N III, and N IV 1-46101
- Baudon, J. *see* Colomb de Daunant, I. 1-24289
- Baudrand, H. *see* Atechian, J. 1-19467
- Baudry, A., Boyer, P., de Oliveira, A.L. Gamma-gamma angular correlation study of oxygen motion in yttria-stabilized zirconia 1-16500
- Bauer, A. *see* Bogy, M. 1-41373
- Bauer, A. *see* Boucher, D. 1-13836
- Bauer, E., Poppa, H. On the origin of electron stimulated desorption of H^+ from metal surfaces 1-16184
- Bauer, E. *see* Bonczek, F. 1-2826
- Bauer, E. *see* Green, A.K. 1-52454
- Bauer, E. *see* Prigge, S. 1-31290
- Bauer, F. Ferroelectric ceramics: energy conversion under shock wave 1-39052
- Bauer, F., Betancourt, O., Garabedian, P. Non-linear magnetohydrodynamic stability 1-38074
- Bauer, F. *see* Grange, G. 1-21137
- Bauer, G. Experimental studies of nonlinear transport in semiconductors 1-16294
- Bauer, G. *see* Kehr, W.G. 1-15850
- Bauer, G. *see* Porod, W. 1-47182
- Bauer, G.S. Design studies for a rotating target arrangement for a spallation neutron source 1-18949
- Bauer, G.S. (editor) Meeting on targets for neutron beam spallation sources (JUL-Conf-34) 1-17936
- Bauer, H. Eliminating inhomogeneities in sputter or reactive ion etching 1-31693
- Bauer, H. *see* Nies, H. 1-14933
- Bauer, H.-D. Measurements on anisotropy of angular distribution for the backscattering electron emission on copper monocrystals 1-21307
- Bauer, H.F. Vibration of a rotating uniform beam. I. Orientation in the axis of rotation 1-19615
- Bauer, H.F., Metten, S., Siekmann, J. Wave movement in non-compressible fluids in thin elastic pipes 1-38016
- Bauer, H.J. *see* Schenk, H.J. 1-30929
- Bauer, J., Bienvenu, H. On the crystal structure of the phases $\text{Yb}_{15}\text{C}_{19}$ and $\text{Lu}_{15}\text{C}_{19}$ 1-2400
- Bauer, J. *see* Schwetz, K.A. 1-16764

- Bauer, K., Straub, J., Grigull, U. Influence of free-stream turbulence intensity of heat transfer in the two-dimensional turbulent boundary layer of an accelerated compressible flow 1-29683
- Bauer, P., Feder, P., Muller, N. Spin polarization in low-energy electron diffraction from Pt(111): experiment and theory 1-15763
- Bauer, P., Reder, R., Muller, N. Longitudinal spin polarization and symmetries in low-energy-electron diffraction: Experiment and theory for Pt(111) 1-7051
- Bauer, R. Recent developments in automated vacuum sintering 1-48293
- Bauer, R., Leutz, R.K. Defect pressure, formation volume, and temperature dependence of formation properties of point defects in ionic solids 1-2429
- Bauer, R. see Hubel, H. 1-10377
- Bauer, R. see Schwan, L.O. 1-3258
- Bauer, R.K., Balter, A. Study of the dissipation of vibrational energy excess using pulse fluorometry 1-6309
- Bauer, R.K., Kowalczyk, A. Decay times study on the fluorescence of 4-methylumbelliferone 1-6310
- Bauer, R.S., Bachrach, R.Z., Brillson, L.J. Au and Al interface reactions with SiO₂ 1-38674
- Bauer, R.S. see Bianconi, A. 1-8159
- Bauer, R.S. see Brillson, L.J. 1-16103
- Bauer, R.S. see Gopel, W. 1-8197
- Bauer, R.S. see Hansson, G.V. 1-8195, 1-52619
- Bauer, R.S. see Lucovsky, G. 1-16923
- Bauer, R.S. see Street, R.A. 1-16597
- Bauer, S. see Gottardi, V. 1-3701
- Bauer, S.H. see Krasinski, J. 1-24085
- Bauer, S.H. see Ruschin, S. 1-33651
- Bauer, T. see Vaurio, J.K. 1-5964
- Bauer, T.H. see Doerner, R.C. 1-10481
- Bauer, T.H. see McNary, O. 1-41166
- Bauer, W. see Pontau, A.E. 1-24995
- Baugher, C.R., Chappell, C.R., Horwitz, J.L., Shelley, E.G., Young, D.T. Initial thermal plasma observations from ISEE-1 1-22635
- Baugher, C.R. see Vossot, R.F.C. 1-27855
- Baugher, J.F. see Webster, D. 1-33587
- Baughman, J.H. see Daley, C.G. 1-17490
- Baughman, R.H., Chance, R.R. Theory of single-phase solid-state polymerization reactions 1-13000
- Baughman, R.H. see Shacklette, L.W. 1-11697
- Baughn, J.W. see Kraabel, J.S. 1-36662
- Baehofer, W., Guntherodt, G., Anastassakis, E., Frey, A., Benedek, G. Raman scattering and far-infrared studies of the vanadium dihalides with layered structure 1-35039
- Baiboff, W. Derivation of collective potential and mass from the generator coordinate method 1-50480
- Baiboff, W., Geramb, H.V., Palla, G. Study of nonlocal and local equivalent microscopic optical potentials 1-45480
- Baiboff, W. see Palla, G. 1-50565
- Baileu, L., Coquereaux, R. An effective charge in the Weinberg-Salam model 1-14305
- Baum, D.W., Shimm, W.L. Explosive plasma source experiment 1-34097
- Baum, G., Bergstrom, M.R., Clendenin, J.E., Ehrlich, R.D., Hughes, V.W., Kondo, K., Lubell, M.S., Miyashita, S., Miller, R.H., Palmer, D.A., Raith, W., Sasao, N., Schuler, K.P., Souder, P.A. Measurement of asymmetry in spin-dependent e-p resonance-region scattering 1-28323
- Baum, J.W. see Varma, M.N. 1-22059
- Baum, M. The sounds of failure. Developments in acoustic emission research 1-12944
- Baum, P.J., Bratenahl, A. Flux linkages of bipolar sunspot groups: a computer study 1-4849
- Baum, P.W., Keating, J.J., Corrigan, D.C. FTF utilization for irradiation testing 1-18765
- Bauman, A. see Horvat, D.J. 1-32204
- Bauman, A.H. see Ballier, L. 1-51636
- Bauman, R.P. What is centrifugal force? 1-17977
- Bauman, R.P., Wdowiak, T.J. Cosmological models 1-44740
- Baumann, H. see Illies, J.H. 1-54040
- Baumann, H. see Langfeld, R. 1-52159
- Baumann, N.P., Owais, M. Energy dependence of the ²³⁵U thermal capture cross section 1-18697
- Baumann, T., von Schickfus, M., Hunklinger, S., Jackie, J. 'Glassy' properties of crystalline Li₂N at low temperatures 1-2570
- Baumard, J.F. see Cales, B. 1-42833
- Baumauer, L. see Frohmader, K.P. 1-11783
- Baumeister, P. see Matteucci, J. 1-51597
- Baumen, J. Schulte in den Schulte in den Baumen, J.
- Baumgardner, M.F. see Kristof, S.J. 1-9299
- Baumgardner, R.W., Jr. see Finley, R.J. 1-35996
- Baumgardt, H. see Brenner, U. 1-43472
- Baumgart, H., Markewitz, G., Hartmann, W. A novel high-temperature tensile stage for live X-ray topography 1-29972
- Baumgart, H., Philipp, F., Rozgonyi, G.A., Gosic, U. Slip dislocation formation during CW laser annealing of silicon 1-47085
- Baumgart, H., Rozgonyi, G.A., Uebbing, R., Philipp, F. Laser annealing of silicon: strain and perfection of epitaxially reconstructed surfaces 1-52450
- Baumgart, H. see Uebbing, R.H. 1-48128
- Baumgarte, J.W. Stabilization by making use of a generalized Hamiltonian variational formalism 1-40338
- Baumgarten, E., Hoffkes, H. Investigation on operating methods of reforming catalysts 1-21780
- Baumgarten, E., Hoffkes, H. Reaction kinetic measurements of selectively poisoned reforming catalysts 1-21781
- Baumgartner, J., Bunk, W., Lucke, K. Extrusion textures in Al-Mg-Si alloys. I. Round extrusions 1-48374
- Baumgartner, A. Glass transition of a polymer chain 1-2603
- Baumgartner, A. see Kremer, K. 1-34213
- Baumgartner, F., Koch, G. Energy carrier recycle: another word for power reactor fuel reprocessing, and the R&D contributions of Institut für Heisse Chemie 1-18861
- Baumgartner, F. see Kanellakopoulos, B. 1-35068
- Baumgartner, H.U., Gautschi, G.H., Wolfer, P. Piezoelectric strain transducers 1-14107
- Baumgartner, O. see Heger, G. 1-20139
- Baumgartner, R., Langlotz, M. Amputee stump radiology 1-4362
- Baumjohann, W. see Bruning, K. 1-54316
- Baumshein, M.V. see Tsvilyuk, I.S. 1-11806
- Baumvol, I.J.R., Behar, M., da Jornada, J.A.H., Livi, R.P., Lodge, K.W., Lopez Garcia, A., Zawislak, F.C. Electric field gradients and impurity distributions in doped noble metals: a systematic study 1-31077
- Baun, W.L. ISS/SIMS characterization of UV/O₂ cleaned surfaces 1-21602
- Baun, W.L. Anodization of evaporated aluminum on Ti-6 wt.% Al-4 wt.% V 1-21634
- Baun, W.L. Oscillation in scattered He⁺ ion yield curves from HgCdTe 1-26350
- Baum, W.L. ISS/SIMS characterization of mica surfaces 1-48217
- Baur, G. Optical characteristics of liquid crystal displays 1-38277
- Baur, G., Rosel, F., Trautmann, D., Shyam, R. The contribution of peripheral fragmentation processes to continuous particle spectra in nucleus-nucleus collisions 1-50652
- Baur, G. see Sah, R.E. 1-26252
- Baur, G. see Shyam, R. 1-5787
- Baur, W.H. Straight Si-O-Si bridging bonds do exist in silicates and silicon dioxide polymorphs 1-11716
- Baus, M., Bosse, J. Comments on self-diffusion in two-dimensional electron liquids 1-16240
- Baus, M., Hansen, J.-P., Sjogren, L. Electrical conductivity of a strongly coupled hydrogen plasma 1-51917
- Bauschke, H.-M., Hornbogen, E., Zum Gahr, K.-H. Abrasive wear of austenitic steels 1-39475
- Bauschlicher, C.W., Jr. On the 3d²4s², 3d⁴4s¹, and 3d⁵ states of Ti 1-1126
- Bauschlicher, C.W., Jr., Lengsfeld, B.H., Yarkony, D.R. On the low lying singlet states of BeO 1-33403
- Bauschlicher, C.W., Jr., Shavitt, I. A low-energy passage for C⁺+H₂→CH⁺(Σ⁺)+H 1-6341
- Bauschlicher, C.W., Jr., Silver, D.M., Yarkony, D.R. An SCF and MCSCF description of the low-lying states of MgO 1-6142
- Bauschlicher, C.W., Jr. see Cox, B.N. 1-38659
- Bausier, E., Hagen, W. X-ray topography of growth step sources in LPE gallium arsenide 1-2456
- Bausier, E., Rozgonyi, G.A. A lateral microscopic growth model for heterogeneous impurity incorporation during Czochralski crystal growth 1-38312
- Bausier, E., Strunk, H. Analysis of dislocations creating monomolecular growth steps 1-34267
- Bausier, E. see Klaus-Werner Benz 1-16675
- Bautin, A.V., Loktev, O.A., Morozov, V.A., Polyakov, Yu.A., Semenov, A.K. Energy calibration of multichannel space-time analyzer for laser radiation 1-37523
- Bautista, R.G. see Dokko, W. 1-11877
- Bautro, N. see Sewchand, W. 1-17497
- Bava, E., De Marchi, A., Godone, A., Rietto, G. Modulation techniques for submillimeter lasers 1-33725
- Bava, E., Godone, A., De Marchi, A. Feasibility of FIR laser stabilization by injection of a synthesized signal 1-37517
- Bava, E. see De Marchi, A. 1-19372
- Bava, E. see Godone, A. 1-11030, 1-18199, 1-37518
- Bavarian, B., Szklarska-Smalowska, Z. Stress corrosion of type 430 stainless steel in Na₂SO₄ at 100 °C 1-43579
- Bavelskij, D.M. see Vizerskaya, G.E. 1-31625
- Bawden, W.F., Curran, J.H., Roegiers, J.-C. Influence of fracture deformation on secondary permeability—a numerical approach 1-44219
- Bax, A., Freeman, R., Kempell, S.P. Investigation of ¹³C-¹³C long-range couplings in natural-abundance samples 1-41455
- Bax, A., Mehkopf, A.F., Smidt, J. A fast method for obtaining 2D J-resolved absorption spectra 1-14154
- Baxandall, P.J. A low-distortion acoustic-measurement oscillator using semiconductor junctions as variable-tuning elements 1-41933
- Baxter, A.M. see Fewell, M.P. 1-41053
- Baxter, A.M. see Spear, R.H. 1-632
- Baxter, A.M. see Zabel, T.H. 1-1028
- Baxter, B. 3-D viewer for interpretation of multiple scan sections 1-17493
- Baxter, B.J. Data controller system for fatigue crack monitoring using a potential drop technique 1-39582
- Baxter, D.C. see Bernstein, I.B. 1-38124
- Baxter, J.A. see Mitchell, P. 1-19190
- Baxter, J.S.R. see Pepper, M.G. 1-43928
- Baxter, L., II see Beckerle, J.C. 1-29441
- Baxter, R.J. see Enting, I.G. 1-20991
- Baxter, W.J. Detection of fatigue damage by electrochemical scanning 1-31819
- Baxter, W.J. Electrochemical detection of fatigue damage 1-43629
- Bay, B. see Hansen, N. 1-26490
- Bay, H. see Marcus, P.M. 1-46962
- Bay, H.L. see Andersen, H.H. 1-24996
- Bay, H.L. see Pospiessczyk, A. 1-25061
- Bayada, G. see Lebrun, M. 1-11312
- Bayanov, V.I., Dukhovniy, A.M., Korolev, A.E., Mak, A.A., Ryabova, R.V., Serebryakov, V.A., Solov'ev, N.A., Stasel'ko, D.I. Hologram method for monitoring the beams of fusion lasers 1-37441
- Bayatyan, G.L. see Frolov, A.M. 1-28771
- Bayatyan, G.L. see Maisheev, V.A. 1-25348
- Bayazitoglu, Y., Ozisik, M.N. On the solution of Graetz type problems with axial conduction 1-2079
- Bayazitoglu, Y. see Higenyi, J. 1-1811
- Bayazitoglu, Y. see Nicholas, D. 1-20364
- Bayazitoglu, Y. see Vick, B. 1-2082
- Bayazitoglu, Y. see Yucel, A. 1-29690
- Bayazitov, R.M. see Khaibullin, I.B. 1-2485
- Baybutt, P. see Kurth, R. 1-5924
- Baye, D. A simple classification of resonant heavy-ion collisions 1-23617
- Bayer, A., Burkart, K., Horsch, F., Huebschmann, W., Schueckler, M., Vogt, S. Accident risk assessment in the German reactor safety study 1-5923
- Bayer, C. see Launsbach, J. 1-46904
- Bayer, R.K., Sprenger, H. Clues to the molecular construction of a hard-elastic fibre of polyethylene 1-52089
- Bayer, T. see Baier, H. 1-20246
- Bayer-Helms, F. Frequency stabilised lasers with iodine measuring cell 1-51449
- Bayin, S.S., Cooperstock, F.I. Rotational perturbations of Friedmann universes 1-27639
- Bayin, S.S. see Cooperstock, F.I. 1-27833
- Baykal, Y., Plonus, M.A. Two-source, two-frequency spherical wave structure functions in atmospheric turbulence 1-17671
- Bayle, M., Bayle, P., Maurel, J., Caumes, G. Net space charge density evolution in a pulsed discharge in nitrogen 1-15737
- Bayle, P. see Bayle, M. 1-15737
- Baylis, W.E. Special relativity with 2X2 matrices 1-22966
- Baylis, W.E. see Sin Fai Lam, L.T. 1-41493
- Baylor, K.J. see Hess, A.L. 1-28537
- Baym, G. Pion condensation at finite temperature. II. Mean field theory 1-45431
- Baym, G. see Salomaa, M. 1-2741
- Bayman, M., Jackson, P. Life currents—the bioelectronic connection 1-8841
- Bayne, M.A. see Patten, J.W. 1-12004
- Baynham, D.E., Edwards, V.W., Wilson, M.N. Transient stability of high current density superconducting wires 1-52739
- Baynton, H. see Wilson, J. 1-54172
- Bayo, L. see Camassel, J. 1-8093
- Bayo, L. see Mathieu, H. 1-25643, 1-26268, 1-47485
- Bayraktaroglu, M.M. see Eiss, N.S., Jr. 1-31670
- Bayuk, E., Soubkovskaya, E., Konisheva, R. Changes of the elastic and structural characteristics of quartz at high pressure and temperature 1-38455
- Bayukov, Yu.D., Gavrilov, V.B., Efremenko, V.I., Zaytsev, Yu.M., Leksin, G.A., Stavinskii, A.V., Shchukov, D.A., Chistilin, V.I. Analysis of angular dependences of inclusive cross sections for the production of protons and light ions on nuclei in the target limiting fragmentation region 1-36933
- Bazakutsa, V.A., Vasil'eva, M.P., Ustimenko, V.N., Mokhir, L.M. Lattice thermal conductivity and chemical bond in the hypovalent two-cation semiconductors A³BC₂ and TiB₂C₂ 1-11925
- Bazali, V.B., Shelepov, V.Yu. Variational methods in mixed thermal equilibrium problem with free boundary 1-14010
- Bazan, Ch. see Dukhovniy, I.S. 1-3125
- Bazan, Ch. see Troinar, K. 1-44962

- Bazan, E. see Singh, S.K. 1-22237
- Bazan, J.C., de Ferreira, M.E.G. The reaction between Al and AgI 1-48564
- Bazant, Z.P. see Cedolin, L. 1-24746
- Bazant, Z.P. see Seidensticker, R.W. 1-33325
- Bazaron, L.F., Volynets, F.K. Compaction kinetics of lead lanthanum zirconate titanate during hot pressing 1-21394
- Bazarov, I.P., Nikolaev, P.N. Method of statistical operators in the theory of crystals 1-15821
- Bazarya, S.G. see Ageeva, E.D. 1-3784
- Bazeia, D. Classical particles with spin and anomalous moments 1-5477
- Bazelaire, E.de see de Bazelaire, E.
- Bazelyan, E.M., Kitaev, G.I., Levitov, V.I., Ponzovsky, A.Z. The field strength in the channel and streamer zone of the positive leader in air 1-15730
- Bazelyan, E.M., Ponzovsky, A.Z., Slutskii, L.S. Breakdown of long air gaps at sign-changing switching surges 1-15727
- Bazelyuk, G.Ya., Trofimova, L.N., Chuistov, K.V. The dislocation structure of the Al-2.8 wt.% Li alloy aged in ultrasonic field 1-7177
- Bazhaikin, A.N. see Baev, V.K. 1-46795
- Bazhan, A.N., Petrov, S.V. Investigation of static magnetic properties of the $Mn_{1-x}Zn_xF_2$ system 1-52760
- Bazhanov, V.I., Kasparov, V.V. Relationship between average and equilibrium values of intermolecular distances in linear triatomic molecules of AB_2 type 1-51076
- Bazhanova, N.V. see Nikolov, O.N. 1-34880
- Bazhenov, A.V., Osip'yev, Yu.A. Exponential absorption edge of cadmium selenide containing dislocations 1-12534
- Bazhenov, G.P., Ladyzhenskii, O.B. Disengaging an explosive-emission electron source without removing the static anode voltage 1-33363
- Bazhenov, S.L., Bogdanovich, O.V., Darzinsk, A.N., Meerovich, G.A., Ulyayuk, V.N. Influence of carrier migration processes on threshold characteristics of semiconductor lasers pumped longitudinally by an electron beam 1-33695
- Bazhenov, V.K., Markolenko, Yu.K., Timofeenko, V.V. Electron structure of silicon at high pressures 1-2867
- Bazhenov, V.K., Maravak, D.P., Petukhov, A.G. Elastic moduli of layered gallium selenide 1-3817
- Bazhenova, L.G., Vasil'ev, A.D., Minakova, R.V., Trefilov, V.I. Nature of the low-temperature brittleness of a W-Ni-Fe alloy 1-35380
- Bazhin, M.A., Ryzhankov, M.A., Saltanov, G.A. Decay of an arbitrary discontinuity in relaxing nitrogen tetroxide 1-42105
- Bazhin, N.M. Kinetics of exchange promotion of luminescence in rigid solutions 1-3472
- Bazhin, N.M. see Chentsov, S.F. 1-1156
- Bazhin, N.M. see Sorokin, N.I. 1-43681
- Baziard, Y. see Delmas, R. 1-13528
- Bazilevski, V.P. see Azizov, E.A. 1-34111
- Bazin, C., Billardon, M., Deacon, D., Farge, Y., Ortega, J.M., Perot, J., Petroff, Y., Velghe, M. First results of a superconducting undulator on the ACO storage ring 1-23880
- Bazin, C., Billardon, M., Deacon, D., Farge, Y., Ortega, J.M., Perot, J., Petroff, Y., Velghe, M. First results of a superconducting undulator on the ACO storage ring 1-41264
- Bazin, C. see Auzolle, R. 1-51009
- Baznat, M.F. see Salamov, D.I. 1-45382
- Bazso, Z. see Suchomel, J. 1-5898
- Bazylev, V.K., Korotchenko, V.A., Poshekhonov, P.V. Ion oscillations in a one-dimensional RF electric field distorted by electron space charge 1-23365
- Bazzocchi, R., Rossi, F., Bassi, R. Plant responses to laser light 1-8904
- Bazzoni, B. see Farina, C. 1-48561
- Bdulenko, A.P., Belikova, G.S., Gil'varg, A.B., Zlotin, A.M. Investigation of X-ray spectral characteristics of focusing crystal analyzers using an MAR-2 microanalyzer 1-17130
- Beach, J.L. see Coffey, C.W., II 1-26990
- Beach, J.L., Hoots, S.S. A real-time tritium monitor with an MPC proportional response to airborne mixtures of TH and THO 1-10547
- Beach, L.A. see August, L.S. 1-22137
- Beaglehole, D. Adsorption at the liquid-vapor interface of a binary liquid mixture 1-7427
- Beaglehole, D. see Law, B.M. 1-43084
- Beagley, B., Jones, M.O., Yavari, P. Gas-phase electron diffraction studies of the molecular structures of pentafluoroethane, C_2F_5H , and monofluoroethane, C_2H_5F 1-46124
- Beagley, B. see Moutran, R. 1-362
- Beagley, H.A. see Ross, A.J. 1-32269
- Beakes, J.H., Jones, H.M., Winkleblack, R.K. Operability design review of prototype large breeder reactor (PLBR) designs 1-41169
- Beal, A.R. see Parkin, S.S.P. 1-21226
- Beal, R.C. Spaceborne imaging radar: monitoring of ocean waves 1-9288
- Beal, R.C. The potential of spaceborne synthetic aperture radar for oceanography 1-32461
- Beal-Monod, M.T. Spin fluctuations effects on the low temperature properties of paramagnetic intermediate valence and Kondo compounds 1-12258
- Beal-Monod, M.T. see Greenberg, A.S. 1-2766
- Beal-Monod, M.T. see Hebral, B. 1-34541
- Beale, H.A. see Niesz, D.E. 1-16682
- Beale, W.T., Wood, J.G., Chagnot, B.J. Stirling engines for developing countries 1-53652
- Beales, K.J., Day, C.R., Dunn, A.G., Dunn, P.L., News, G.R., Partington, S. Low loss optical fibers with numerical apertures in the range 0.3-0.6 1-51612
- Beales, K.J., Day, C.R., Dunn, A.G., Partington, S. Multicomponent glass fibers for optical communications 1-11189
- Beall, G.W., Boatner, L.A., Mullica, D.F., Milligan, W.O. The structure of cerium orthophosphate, a synthetic analogue of monazite 1-52117
- Beall, G.W. see Mullica, D.F. 1-15853
- Beall, J. see Piekoszewski, J. 1-16297
- Bealle, F.J. Parabolic coupler for fibre optics 1-11097
- Bealle, F.J. Fibre-optic object sensor 1-24503
- Beaman, D.R. see Pangborn, R.J. 1-43597
- Beam, J.C., Poate, J.M. Silicon/metal silicide heterostructures grown by molecular beam epitaxy 1-16692
- Bean, J.C. see Auston, D.H. 1-50212
- Bean, J.C. see Cohen, J.D. 1-30668
- Bean, V. see Molinar, G.F. 1-50095
- Bean, V.E. Absolute high pressure measurements 1-32995
- Bean, V.E. The dual melting curves of carbon tetrachloride 1-38512
- Bean, V.E. see Molinar, G. 1-34461
- Beaenland, D.G. see Temple, W. 1-52165
- Beard, I.J., Flann, R.C., Rogers, L.J. Swelling of precipitated nickel powder 1-3661
- Beard, J.C. see Richler, A. 1-43869
- Beard, P.D. Microlenses for coupling single-mode fibers to single-mode thin-film waveguides 1-6656
- Beard, D.S. see Taylor, N. 1-49901
- Beard, K.V. The effects of altitude and electrical force on the terminal velocity of hydrometeors 1-22411
- Beard, R.B. see Brownstein, M. 1-43864
- Beardmore, P., Harwood, J.J., Kinsman, K.R., Robertson, R.E. Fiber-reinforced composites: engineered structural materials 1-12955
- Beardmore, P. see Kulkarni, H. 1-39585
- Beardmore, C.S., Helms, P., Stocks, J., Hatch, D.J., Silverman, M. Improved esophageal balloon technique for use in infants 1-22151
- Beerman, R.J. see Jolly, D.L. 1-11657
- Beasley, J.W. see Shearer, J.W. 1-33983
- Beasley, M.R. Advanced superconducting materials for electronic applications 1-7779
- Beasley, M.R. see Orlando, T.P. 1-47822
- Beasley, M.R. see Ruggiero, S.T. 1-3118
- Beasley, M.R. see van Dover, R.B. 1-38896
- Beasley, M.R. see Wolf, E.L. 1-3112
- Beasley, T.M., Ball, L.A. ^{243}Am in Columbia River sediments 1-8777
- Beasley, T.M. see Holm, E. 1-17624
- Beasley, W.H. see Rustan, P.L. 1-13538
- Beason, C.W. see Hussey, T.W. 1-34109
- Beass, G. see Forthmann, R. 1-28552
- Beatham, N., Fraga, L.L., Orchard, A.F., Thornton, G. Study of the semiconductor-to-metal transition in VO_2 and V_2O_3 by ultraviolet photoelectron spectroscopy 1-25632
- Beatrice, E.S. see Zwick, H. 1-43900
- Beattie, I.R. see Gilson, T.R. 1-33468
- Beattie, W.H., Sullivan, J.A. Flash pyrolysis and gasification of coal through laser heating 1-53529
- Beatty, J. see Parasuraman, R. 1-49016
- Beatty, J.K. Venus revealed 1-27407
- Beatty, J.K. Crater hunting in Brazil 1-32443
- Beaty, E., Dutton, J., Pitchford, L. Electron swarm data relevant to high-voltage insulation 1-6920
- Beaty, E.C. see Menendez, M.G. 1-37328
- Beau, P.G., Scheidhauer, J. External exposure of workers in certain facilities of the nuclear fuel cycle: individual and collective aspects 1-32259
- Beaucamps, Y. see Godefroy, G. 1-26139
- Beauchamp, J.L. see Bome, D.S. 1-31873
- Beauchamp, J.L. see Wight, C.A. 1-31874, 1-46046
- Beauchamp, K.G., Yuen, C.K. Data acquisition for signal analysis 1-9776
- Beauchamp, W.T., Rancourt, J.D. Reflective-index measurements of moderately reflecting substrates using a wedged film technique 1-5363
- Beauchamp, W.T., Rancourt, J.D., Lott, D.R. An evaluation of spectrally selective reflectors (cold mirror membranes) for use with concentrator solar arrays 1-43775
- Beauchamp, W.T. see Rancourt, J. 1-39783
- Beaucoudrey, N.de see de Beaucoudrey, N.
- Beaucoudrey, C. Capital requirements for the development in the field of energy in the Eastern European Countries, on the eve of the 'nineties 1-8650
- Beaudry, B.J. see Barnes, R.G. 1-16493
- Beaudry, B.J. see Bevolto, A.J. 1-31736
- Beaudry, B.J. see de Groot, D.G. 1-3273
- Beaudry, B.J. see Fort, D. 1-26383
- Beaudry, B.J. see Ikeda, K. 1-38882
- Beaudry, B.J. see Kim, Y.S. 1-26399
- Beaudry, B.J. see Legvold, S. 1-3153, 1-12292
- Beaudry, B.J. see Taher, S.M. 1-25872
- Beaufays, J. see Barth, M. 1-41018, 1-45377
- Beaumeville, H. see Stoguet, J.P. 1-28831
- Beaumont, P.W.R., Antic, P.D. A failure analysis of the micromechanisms of fracture of carbon fibre and glass fibre composites in monotonic loading 1-12851
- Beaumont, P.W.R. see Munro, M. 1-48507
- Beaupre, E.V. Analysis of ash content and BTU of coal 1-50290
- Beauregard, O. Costa de see Costa de Beauregard, O.
- Beaur, L. see Antic-Fidance, E. 1-26226
- Beaur, L. see Caro, P. 1-25869
- Beauval, J.J. see Comby, G. 1-14759
- Beauvillain, P., Seiden, J., Laursen, I. Unusual critical behaviour of the diluted uniaxial dipolar ferromagnet $\text{LiTb}_{0.3}\text{Y}_{0.7}\text{F}_4$ 1-7851
- Beaven, P.A., Butler, E.P. Precipitate nucleation on dislocations in Fe-N 1-3739
- Beaver, E.A. see Ginavero, R.O. 1-9370
- Beavers, W.I., Cook, D.B. Scanner studies of composite spectral I. Dwarfs 1-54554
- Beavers, W.I., Eitter, J.J. Radial velocities of southern HR stars 1-27486
- Beavers, W.I., Eitter, J.J., Dunham, D.W., Stein, W.L. Lunar occultation angular diameter measurements 1-22775
- Beavers, W.I. see Peterson, D.W. 1-27495
- Beavis, D., Desai, B.R. Diaphragm fragmentation in pp collisions at ISR 1-14436
- Beavis, D., Shu-Yun Chu, Kaus, P. The equivalent potential for relativistic confined systems 1-36786
- Beba, B., Elbanowski, M., Wojtczak, J. A method of measuring the delay time of the analyzing flash in flash photolysis apparatus 1-17081
- Bebar, F. see Skalny, J. 1-52001
- Bebek, C., Haggerty, J., Izen, J.M., Longuemare, C., Loomis, W.A., Pipkin, F.M., Rohlf, J., Tanenbaum, W., Wilson, R., Sadoff, A.J., Bridges, D.L., Chadwick, K., Ganci, P., Kagan, H., Kass, R., Lobkowicz, F., Melissinos, A., Olsen, S.L., Poling, R., Rosenfeld, C., Rucinski, G., Thorndike, E.H., Warren, G., Bechis, D., Mueller, J.J., Potter, D., Sannes, F., Skubic, P., Stone, R., Brody, A., Chen, A., Goldberg, M., Horwitz, N., Kandaswamy, J., Kooy, H., Lariccia, P., Moneti, G.C., Alam, M.S., Csorna, S.E., Panvini, R.S., Poucher, J.S., Andrews, D., Berkelman, K., Cabenda, R., Cassel, D.G., DeWire, J.W., Ehrlich, R., Ferguson, T., Gentile, T., Gilchries, M.G.D., Gittleman, B., Hartill, D.L., Herrup, D., Herzlinger, M., Kreinick, D.L., Mistry, N.B., Nordberg, E., Pierchonok, R., Plunkett, R., Shinsky, K.A., Sechman, R.H., Silverman, A., Stein, P.C., Stone, S., Talman, R., Thonemann, H.G., Weber, D. Evidence for new-flavor production at the T(4S) 1-33191
- Bebek, C. see Chadwick, K. 1-33192
- Bebek, C.J. Results on T region from CLEO at CESR 1-45334
- Beblar, D. see Rotman, S.R. 1-51532
- Beben, J. see Biernat, T. 1-2835
- Bebenin, N.G. see Auslander, M.I. 1-34847
- Bebermeier, H., Bogus, K., Goltz, W. Technology of elevated voltage solar arrays 1-39804
- Bebermeier, H., Rath, J. Potential use of terrestrial photovoltaics for future space solar arrays 1-39787
- Bebermeier, H. see Schilling, R. 1-39795
- Bebich, L.G. see Litvin, B.N. 1-43255
- Behyakina, E.N. see Kudryavitskii, A.L. 1-46538
- Bechchetti, F.D. see Janeczek, J. 1-36924
- Becher, H.J. Raman spectroscopy study of bonding, phase range, and anion structure of $\text{K}_2\text{WO}_4 \cdot 5\text{H}_2\text{O}$ 1-35025
- Becher, J. see Ref, C.S. 1-33779
- Becher, P.F., Lewis, D., III, Carman, K.R., Gonzalez, A.C. Thermal shock resistance of ceramics: size and geometry effects in quench tests 1-3789
- Becher, D.W. Sound absorption caused by vorticity shedding, demonstrated with a jet flow 1-2047
- Bechev, Kh.D., Mishiney, Zh.T. Processing the results of thermomechanical tests of polymers 1-16988
- Bechgaard, K., Andersen, J.R. Molecular properties of the molecules used in conducting organic solids 1-42763
- Bechgaard, K. see Andrieux, A. 1-38997
- Bechgaard, K. see Mihaly, G. 1-25714
- Bechgaard, K. see Pouget, J.P. 1-42370
- Bechgaard, K. see Ribault, M. 1-20900, 1-42877
- Bechgaard, K. see Schulz, H.J. 1-38879
- Bechgaard, K. see Scott, J.C. 1-30909
- Bechgaard, K. see Torrance, J.B. 1-25734
- Bechgaard, K. see Zuppiroli, L. 1-38767
- Bechis, D. see Bebek, C. 1-33191

- Beckkanov, V.N. *see* Tsirlin, M.S. 1-39522
- Bechler-Ferry, E. *see* Esling, C. 1-48366
- Bechtold, F. On the theory of plasmon satellite structures in the photoelectron spectra of non-metallic solids. I. Soluble model 1-7544
- Bechtel, J.H., Blint, R.J. Structure of a laminar flame-wall interface by laser Raman spectroscopy 1-13006
- Bechtel, J.H. *see* Dasch, C.J. 1-37147
- Bechtold, H.-C. *see* Rehder, D. 1-21063
- Bechtold, P.S., Campagna, M. Variable temperature photoacoustic spectroscopy. II. Temperature characteristic and applications 1-50232
- Bechtold, P.S., Campagna, M., Chatzigeorgis, J. Variable temperature photoacoustic spectroscopy. I. Instrumentation 1-50231
- Bechtold, P.S., Campagna, M., Schober, T. Phase transitions in metal-hydrogen interstitial alloys by temperature dependent photoacoustic measurements 1-7329
- Bechtold, E. *see* Wohlmut, M. 1-8603
- Bechtold, J. *see* Forman, W. 1-54642
- Bechtold, V., Chan-Tung, N., Dousson, S., Geller, R., Jacquot, B., Jongen, Y. ECR ion source for multiply-charged oxygen beams 1-28767
- Bechtold, V. *see* Stuirbrink, A. 1-18658
- Bechtold, W., Long, R.C., Jr., Goldstein, J.H. The NMR spectrum and proton structure of naphthalene in a lyotropic mesophase 1-21065
- Bechvakzh, F., Gronzotko, Ya., Kralik, M., Nguen Dang Nyan, Stadnikov, T., Teleznikov, S.A. Experimental test of the quasiparticle-phonon model by neutron radiative capture in deformed nuclei 1-41114
- Beck, R., Jose, J., Vergnaud, J.-M. Variation of sorptive properties of type A molecular sieves for liquid alcohols according to their potassium exchange for sodium percentage 1-31905
- Beck, C. *see* Heusch, B. 1-45558
- Beck, C. *see* Kolata, J.J. 1-45528
- Beck, C.G. *see* Santhanam, A.T. 1-31759
- Beck, D.R. Many-electron effects in and operator forms for electron quadrupole transition probabilities 1-24082
- Beck, F. Recycling possibilities for the lead accumulator 1-35639
- Beck, F., Krohn, H., Junge, H. Graphite intercalation compounds as active masses in galvanic cells 1-35635
- Beck, F. *see* Beraud, R. 1-45401
- Beck, F. *see* Blocki, J. 1-36960
- Beck, F. *see* Elias, N. 1-18548, 1-28365
- Beck, F.A. *see* Bourgeois, C. 1-45413
- Beck, F.A. *see* Byrski, T. 1-45396
- Beck, F.A. *see* Merdinger, J.C. 1-5691
- Beck, F.A. *see* Vivien, J.P. 1-45451
- Beck, G. Fast conductivity techniques in pulse radiolysis 1-53444
- Beck, G. *see* Gautier, E. 1-21445
- Beck, H., Oberle, R. Pair potential and structure factor of polyvalent simple liquid metals 1-30042
- Beck, H. *see* Groen, J.P. 1-25966
- Beck, H. *see* Muller, G. 1-7804
- Beck, H. *see* Suck, J.-B. 1-30341, 1-34237
- Beck, J.D. *see* Borrello, S.R. 1-5385
- Beck, J.V. Large time solutions for temperatures in a semi-infinite body with a disk heat source 1-33868
- Beck, M.E., Jr. Paleomagnetic record of plate-margin tectonic processes along the western edge of North America 1-44103
- Beck, M.S. Correlation in instruments: cross correlation flowmeters 1-29802
- Beck, P.A. Ferromagnetic and antiferromagnetic spin correlation in micromagnets 1-52791
- Beck, R., Mihailovic, M.V., Poljsak, M. Calculation of nuclear reaction parameters with the generator coordinate method and their interpretation 1-28490
- Beck, R.A. The perihelion longitude distribution of Jupiter family comets 1-17789
- Beck, R.N. *see* Metz, C.E. 1-26994
- Beck, S.M., Hopkins, J.B., Powers, D.E., Smalley, R.E. Jet-cooled naphthalene. II. Single vibronic level fluorescence spectra 1-37239
- Beck, S.M., Powers, D.E., Hopkins, J.B., Smalley, R.E. Jet-cooled naphthalene. I. Absorption spectra and line profiles 1-1278
- Beck, S.R., Maw Jong Wang, Hightower, J.A. Use of alternate feedstocks in the SGFM process 1-35669
- Beck, T.J. *see* Nickoloff, E.L. 1-44023
- Beck, V.D. Method for producing optical aberrations of variable magnitude 1-46206
- Beck, W.L. Radiation accident dosimetry 1-6052
- Beckel, C.L., Findley, P.R. Rational fraction representation to diatomic vibrational potentials. Application to H_2^+ ground state 1-1206
- Beckel, C.L., Kwong, R.B. A new functional form for representing vibrational eigenenergies of diatomic molecules. III. Application to D_2 and HD ground states 1-24108
- Beckel, C.L., Kwong, R.B., Hashemi-Attar, A.-R. Rational fraction representation of diatomic vibrational potentials. II. Application to H_2 ground state 1-37290
- Beckel, C.L., Scaggs, E.R., Kwong, R.B. Rational fraction representation of diatomic vibrational potentials. III. Application to H_2^+ $2p\pi$ electronic state 1-37292
- Beckel, C.L. *see* Sonleitner, S.A. 1-37293
- Beckemeyer, R.J. *see* Sawdy, D.T. 1-15542
- Becker, C.H., Casavecchia, P., Tiedemann, P.W., Valentini, J.J., Lee, Y.T. Study of the reaction dynamics of $Li+HF$, HCl by the crossed molecular beams method 1-8557
- Becker, E. *see* Akbay, U. 1-19758
- Becker, F.A. *see* Kalish, R. 1-16267
- Becker, G. Uncertainty of Cesium-beam time standards due to beam asymmetry 1-36609
- Becker, G.E. *see* Cardillo, M.J. 1-16050
- Becker, H. *see* Chabaud, V. 1-50468
- Becker, H. *see* Chabaud, V. 1-10392
- Becker, H. *see* Däum, C. 1-14424, 1-28357
- Becker, H. *see* Gorlich, L. 1-5656
- Becker, H.-D., Sandros, K., Andersson, K. Adiabatic photochemical reactions involving anthracenes. Intramolecular exciplex formation by photolytic cycloreversion 1-33474
- Becker, H.J., Duerbeck, H.W. The remnant of V1500 Cygni observed on a direct photograph 1-44574
- Becker, H.W. *see* Wiescher, M. 1-18617
- Becker, J., Hornbogen, E., Wendt, F. Mechanical properties of a low alloyed Mo-steel with P-additions up to 1 wt.% and dual-phase microstructure 1-48450
- Becker, J. *see* Augsburg, E.I. 1-42589
- Becker, J.F., Meehan, T. Effect of dietary fatty acid intake on phase transition temperatures in rat liver membranes 1-39893
- Becker, K., Stumpf, B., Schulz, G. Polarisation of the $OH(A^2\Sigma^+)$, $\nu^*=0-X^2\Pi$, $\nu^*=0$ fluorescence produced electron impact on water vapour 1-33488
- Becker, K. *see* Stumpf, B. 1-10697
- Becker, K.H. *see* Bahe, F.C. 1-45553
- Becker, K.M., Letzter, A., Nyland, O., Scholin, B. An experimental study of the effect of the axial heat flux distribution on the dryout conditions in a 3650-mm long annulus 1-28520
- Becker, K.W. *see* Keller, J. 1-20943
- Becker, L. *see* Denegri, D. 1-28356
- Becker, L. *see* Gensch, U. 1-595
- Becker, L. *see* Gottgens, R. 1-50472
- Becker, M., Hauger, W. On the determination of the roots of polynomials 1-17985
- Becker, M. *see* Habetler, G. 1-45585
- Becker, M. *see* Khalid, Z.M. 1-23745, 1-50734
- Becker, M. *see* Kim, S.H. 1-23815
- Becker, M. *see* Park, G. 1-50743
- Becker, M. *see* Park, J.K. 1-50733
- Becker, M. *see* Ryskamp, J.M. 1-45597
- Becker, M. *see* Lewis, J. (editor) 1-13938
- Becker, O., Knippelberg, W., Nederveeld, D., Wien, K. Alpha-recoil and fission fragment induced desorption of secondary ions 1-31294
- Becker, R., Sepold, G., Ryder, P.L. Production of amorphous Fe-Ni-P-B alloy by means of a high-power CO₂ laser 1-43298
- Becker, R., Thummler, F. Hot pressed silicon nitride with very low amounts of additives 1-16736
- Becker, R.H. Evidence for a secular variation in the $^{13}C/^{12}C$ ratio of carbon implanted in lunar soils 1-13708
- Becker, R.H., Szymkowiak, A.E., Boldt, E.A., Holt, S.S., Serlemitsos, P.J. Is the remnant of SN 1006 crablike? 1-13834
- Becker, R.H. *see* Clark, D.H. 1-4959
- Becker, R.H. *see* Holt, S.S. 1-22892
- Becker, R.H. *see* White, N.E. 1-9722
- Becker, R.L., Ford, A.L., Reading, J.F. Contributions of multi-electron processes to inner-shell charge transfer and vacancy production: projectile charge dependence in collisions of bare nuclei with argon 1-6379
- Becker, R.L. *see* Ford, A.L. 1-46098
- Becker, R.S., Anderson, V.E., Allen, J.D., Birkhoff, R.D., Ferrell, T.L. Electrical image deposition of charges from laminar flow in cylinders 1-46721
- Becker, U., Steuer, M., Burger, J., White, M. Drift-tube arrays for high spatial resolution 1-51045
- Becker, U., Zimmermann, P., Holweger, H. Solar and meteoritic abundance of silicon 1-54442
- Becker, U. *see* Antreasyan, D. 1-10287
- Becker, U. *see* Barber, D.P. 1-14407
- Becker, U. *see* Barber, D.P. 1-534, 1-28309
- Becker, W. The gain-spread relation in a multiphoton picture of the free electron laser 1-41653
- Becker, W. *see* Dahne, S. 1-31930
- Becker, W. *see* Jurgens, R. 1-48987
- Becker, W.M. *see* Simpson, C.T. 1-3481
- Beckerich, S.R. *see* Coleman, P.D. 1-2247
- Beckerling, W. *see* Benson, S.A. 1-50289
- Beckert, J.C., Baxter, L., II, Porter, R.P., Spindler, R.C. Sound channel propagation through eddies southeast of the Gulf Stream 1-29441
- Beckerman, L.P., Reed-Hill, R.E. Strain-aging under constant stress in vanadium 1-21496
- Beckerman, M., Salomaa, M., Spertuto, A., Enge, H., Ball, J., Di Rienzo, A., Gages, S., Yan Chen, Molitoris, J.D., Mao Nai-feng. Dynamic influence of valence neutrons upon the complete fusion of massive nuclei 1-10401
- Beckers, J., Harnad, J., Jasselette, P. Spinor fields invariant under space-time transformations 1-5473
- Beckers, J., Hussin, V. Spinors and related tensors invariant under E(3) and its subgroups 1-36792
- Beckers, J., Jaspers, M. Spin algebras and elementary particles in the infinite momentum frame 1-5526
- Beckers, J., Jaspers, M. On spin algebras and triads associated with the infinite-momentum frame 1-14265
- Beckers, J., Jaspers, M. Dirac theory and its Melosh quantum-mechanical representation 1-45167
- Beckers, J.M., Taylor, W.R. Some comments on the limb shift of solar lines. III. Variation of limb shift with solar latitude, across plages, and across supergranules 1-22759
- Beckinsale, R.D. *see* Gale, N.H. 1-22264
- Becklin, E.E. *see* Hyland, A.R. 1-22858
- Becklin, E.E. *see* Millis, R.L. 1-54408
- Becklin, E.E. *see* Telesco, C.M. 1-22895, 1-54371
- Becklin, E.E. *see* Werner, M.W. 1-44653
- Beckman, J. *see* Wilcox, W. 1-19714
- Beckman, J.E. *see* Phillips, J.P. 1-4963
- Beckman, O. *see* Figueroa, E. 1-12273
- Beckman, R.J. *see* Marsh, S.F. 1-18600
- Beckman, W.A. *see* Anderson, J.V. 1-8743
- Beckman, W.A. *see* Mitchell, J.W. 1-21917
- Beckmann, A., Kolley, E., Kolley, W. Off-diagonal CPA treatment of a dirty superconductor 1-12231
- Beckmann, E. *see* Broser, I. 1-47504
- Beckmann, H.-O., Koutecky, J., Bonacic-Koutecky, V. Electronic and geometric structures of Li_2 and Na_2 clusters 1-37377
- Beckmann, P. Superpositions of intramolecular reorientations and nuclear spin relaxation 1-37225
- Beckmann, P., Muller, K.H., Schemmer, M., Benninghoven, A. Investigation of surface reactions by SIMS: nickel-oxygen-hydrogen-interaction 1-31912
- Beckmann, P., Wendel, A. Proton spin-lattice relaxation in meta-carborane 1-3297
- Beckmann, P. *see* Aronson, M. 1-37226
- Beckmann, P.A., Bunnell, E.E., Heldman, M.A., Northey, K.R., Higg, T.P. A deuterium nuclear magnetic resonance study of chain disorder in lamellar potassium palmitate: the effect of long and short chain guests 1-21059
- Becks, K.H. *see* Alkofer, O.C. 1-45773
- Becks, K.H. *see* Aubert, J.J. 1-5630
- Beckstette, K., Dirks, H., Heiden, C. Influence of the DC vortex velocity field on flux noise 1-42932
- Beckwith, P.J. *see* McLeary, R. 1-46369
- Beckwith, S. *see* Werner, M.W. 1-9496
- Beckle, C. *see* Forey, P. 1-38328
- Beckle, C. *see* Saillard, M. 1-30163
- Beckraft, W.R. *see* Omega, R.J. 1-899
- Beccar, F. *see* Dragoun, O. 1-50553
- Beda, A.G., Davydov, A.V., Lyakhov, A.V., Shechen, K.I. Production of ^{107}Ag by irradiating ^{107}Ag with reactor neutrons 1-10575
- Beda, A.G., Lipkin, I.M. Observation of anomalous energy dependence of Rayleigh scattering cross section of gamma radiation 1-45921
- Beda, S., Haschke, J.M., Quayle, L.S., Eick, H.A. Mixed halide phases in the chloride-iodide systems of lanthanum and gadolinium 1-26439
- Bedair, S.M., Morrison, C., Fang, R., El-Masry, N.A. Ga-In-As solidus isotherms developed by the step-grading technique 1-16205
- Bedair, S.M. *see* Fujita, S. 1-15914
- Beddard, G.S., Fleming, G.R., Porter, G., Robbins, R.J. Time-resolved fluorescence from biological systems. Tryptophan and simple peptides 1-21986
- Bedeaux, D. *see* Mazur, P. 1-42733
- Bedeaux, D. *see* Sengers, J.V. 1-23138
- Bederson, B. *see* Bates, D.R. (editor) 1-13947
- Bedeschi, F. *see* Amendola, S.R. 1-18960
- Bedford, A. *see* Drumheller, D.S. 1-6905
- Bedi, S.S., Verma, M.P. Pressure derivatives of the second-order elastic constants of strontium, barium, and lead nitrate 1-15944
- Bedikyan, L., Ageev, L.A., Miloslavskii, V.K. Optical constants and exciton-phonon interaction in CuI 1-3355
- Bedilov, M.P., Beisembayeva, Kh.B. Radiation of yttrium-aluminum garnet- Nd^{3+} laser irradiated by a neutron flow 1-29286
- Bedilov, M.R., Tsoi, T.G., Ishmuratov, A.N., Sabitov, M.S. Photoemission from interaction of multiply charged Ti ions of a laser plasma with a CuBe surface 1-31262
- Bedini, L., Denoth, F., Bramanti, M. Analysis of the electromagnetic interaction between a resonator and a lossy dielectric body as a first theoretical approach to noninvasive heart movement detection 1-22104

- Bedjidian, M.** Observation des états excités des hypernuxaux de masse 4 (Observation of the excited states of hypernuclei with mass 4) 1-50542
- Bednar, J.** Rydberg enhancement of total ionization in liquids irradiated by ionizing radiation. I. General view 1-51302
- Bednar, J.** Rydberg enhancement of total ionization in liquids irradiated by ionizing radiation. II. Liquid water 1-53449
- Bednarek, B.** Experimental results of count rate effect studies in some X-ray proportional counters 1-10592
- Bednarek, B.** On a new interpretation of the count-rate effect in gas-proportional detectors 1-23968
- Bednarek, D.R., Rudin, S.** Comparison of modified bootstrap and conventional sensitometry in medical radiography 1-43967
- Bednarek, D.R. see Rudin, S.** 1-40004, 1-43969
- Bednashvili, V.M. see Aleksan'yan, T.M.** 1-36187
- Bednorz, J.G. see Binnig, G.** 1-7785
- Bednorz, J.G. see Blazey, K.W.** 1-3259
- Bednyak, L.G., Kalinina, N.G., Kan, K.H.S., Kul'varkaya, B.S.** Properties of composite carbide cathodes [surface composition] 1-30530
- Bednyi, B.I., Benediktov, Yu.A., Kalinin, A.N., Karpovich, I.A.** Effect of vacuum heat treatment on the surface properties of epitaxial GaAs 1-47768
- Bedos, H. see Abachi, H.** 1-50114
- Bedrossian, J., Jr.** Infrared monitoring for efficient carbon bed control 1-28972
- Bedu, M. see Andre, M.** 1-51469
- Bedwell, D.J., Duxbury, G.** Laser Stark spectroscopy of thioformaldehyde in the 10- μ m region: The ν_3 , ν_2 and the ν_6 fundamentals 1-51240
- Bedwell, I.R., McCartney, E.R.** The use of semi-conducting oxide ceramics in solar energy conversion 1-17210
- Bee, J.V. see Ecob, R.C.** 1-8313, 1-16781
- Bee, J.V. see Wood, J.V.** 1-21436, 1-21589
- Bee, M., Amoureux, J.P.** Incoherent quasioelectric neutron scattering from plastic crystals. An approximate method for multiple scattering evaluation 1-11642
- Bee, M., Amoureux, J.P., Dianoux, A.J.** Incoherent quasioelectric neutron scattering study of molecular motions in 1-cyanoadamantane 1-11703
- Bee, M. see Amoureux, J.P.** 1-11702, 1-34191, 1-43023
- Beebe, D.C., Feagans, D.E.** A tissue culture system for studying lens cell differentiation 1-35924
- Beebe, E.D. see Leheny, R.F.** 1-45008
- Beek, M.A., Kreitlow, H., Fagan, W.F.** On the application of a reflection image derotator for the holographic vibration analysis of rotating objects 1-29230
- Beek, M.-A.** Holographic vibration analysis of rotating objects using different types of interferometers 1-19291
- Beecroft, R.A., Davidson, R.S.** Examples of competition between energy transfer and excited complex formation in the reactions of benzenoid compounds with tertiary amines 1-29104
- Beedham, E.** Flywheel generators for the JET experiment 1-34121
- Beeken, R.B., Cater, E.D., Graham, R.L., Henry, D.C., Savage, W.R., Schweitzer, J.W., Sisson, K.J.** Magnetic susceptibilities of SmP, SmAs, SmSb, SmBi, and their solid solutions with SmS 1-25871
- Beekhuis, H. see van der Mark, Th.W.** 1-43953
- Beelen, H. van see van Beelen, H.**
- Beeley, P. see Mobed, N.** 1-50665
- Beeman, D., Lynds, R., Anderson, M.R.** Structural and vibrational properties of a model of vitreous As_2O_3 1-30068
- Beenakker, C.I.M., Boumans, P.W.J.M., Rommers, P.J.** A microwave-induced plasma as an excitation source for atomic emission spectrometry 1-33060
- Beenakker, J.J., Knaap, H.F.P.** Magnetic fields and transport phenomena in gases 1-46838
- Beenakker, J.J.M. see Douma, B.S.** 1-2125
- Beene, J.R. see Ball, G.C.** 1-18558
- Beene, J.R. see Bertrand, F.E.** 1-45550
- Beensh-Marchwicka, G., Krol-Stepniowska, L., Kempisty, Z.** Properties of titanium nitride thin films 1-11991
- Beer, A.C.** Hall effect and the beauty and challenges of science 1-34692
- Beer, H. see Barreis, M.** 1-29688
- Beer, H. see Rannenber, M.** 1-37912
- Beer, H.F.** A study of the surface modification of polyethylene by corona and plasma discharges and of some stable free radicals using ESCA and other techniques 1-12917
- Beer, J.H. de see de Beer, J.H.**
- Beer, M.** A comparison of maximum likelihood and other estimators of eigenvalues from several correlated Monte Carlo samples 1-23706
- Beer, M., Menninger, H., Raidt, H., Rothbeck, W.** On the analysis of EBIC contrast of crystal defects 1-20220
- Beerman, H.P.** Optimizing matching layers for a three-section broad-band piezoelectric PZT-5A transducer operating into water 1-51682
- Beers, Y.** Calculation of fluorescent efficiency from experimental data by the Huygens principle 1-31201
- Beffert, A.** A simple method of interpolation for the amount of daily precipitation 1-27304
- Beg, L., Kopeliovich, B.Z., Lapidus, L.I.** Tensorial polarisation in pd backscattering at intermediate energies 1-18504
- Beg, M.A.B.** Dynamical Higgs mechanism and hyperhadron spectroscopy 1-45148
- Beg, M.A.B.** Goldberger-Treiman constants of dynamical near-Goldstone modes 1-45223
- Begak, O.Yu., Vasil'ev, M.P.** Analytical possibilities of an atomic absorption apparatus with a 'refractory boat' nonflame atomizer 1-50230
- Begeluri, G.A., Kurdgalaidze, D.F.** Y(9.5 GeV) meson in the SU(5) symmetry scheme 1-18447
- Begemann, F.** Isotopic anomalies in meteorites 1-32668
- Beghi, D.G.** Thermochemical production of hydrogen. General background and achievements of this task 1-39836
- Begishev, A.R. see Mokerov, V.G.** 1-12527
- Begley, J.A. see Boateng, A.** 1-43583
- Begor, R. see Weinstein, A.A.** 1-18919
- Begorre, H., Lebouche, M.** Simultaneous measurements of concentration and local wall velocity gradient inside liquid flows 1-19841
- Begrambekov, L.B., Plachotnikov, O.I., Telkovskij, V.G.** Metal hydride decomposition and accelerated gas release due to ion irradiation 1-4115
- Beguia, F., Setton, R., Facchini, L., Legrand, A.P., Merle, G., Mai, C.** Structure and properties of $KC_2(Bz)_2$, a graphite-potassium-benzene intercalation compound 1-42368
- Beguif, F. see Merle, G.** 1-43287
- Begum, R.J. see Hastings, J.M.** 1-3176
- Begun, N.A., Roitenberg, Z.A.** Photocurrents at gallium and eutectic indium-gallium-alloy electrodes in nitrate solutions 1-43689
- Begzhanov, R.B., Belen'kii, V.M., Volymanskii, E.I.** Three-parameter variable-moment-of-inertia model and calculation of several characteristics of rotational spectra on this basis 1-33234
- Begzhanov, R.B., Gladyshev, D.A., Azimov, K.Sh., Narzikulov, M., Mirakhmedov, Sh.A.** K- and L-capture probability in the decay of ^{107}Rh and ^{105}Ag 1-23604
- Begzhanov, R.B., Mikhailov, I.N., Safarov, R.Kh., Chorjev, B.** Anomaly of moments of inertia and the Coriolis interaction in actinides 1-603
- Begzhanov, R.B. see Abdurakhmanov, S.R.** 1-668
- Behannon, K. see Lanzerotti, L.J.** 1-17784
- Behannon, K.W. see Lepping, R.P.** 1-13654
- Behar, A.** TTS from impulsive and continuous noises 1-4288
- Behar, A., May, D.N.** Durability of sound absorbing materials for highway noise barriers 1-1766
- Behar, A., May, D.N.** Vibration damping material as a means to reduce steel noise barrier cost 1-1767
- Behar, J., Hueber, D., Jacoud, R., Valette, C., Waysand, G.** A cryostat for medical imaging by a superheated, superconducting γ ray detector 1-8978
- Behar, M. see Baumvol, I.J.R.** 1-31077
- Behari, J., Andrabi, W.H.** PN junction characteristics and photoelectromagnetic effect in bone 1-48975
- Behari, J., Singh, S.** Bioelectric characteristics of unstressed in vivo bone 1-32108
- Behera, S.N., Khare, A.** Classical ϕ^6 -field theory in (1+1) dimensions. A model for structural phase transitions 1-8016
- Behera, S.N., Khare, A.** Exact solutions for a classical doubly anharmonic oscillator 1-17994
- Behera, S.N., Khare, A.** Classical ϕ^6 -field theory in (1+1) dimensions. II. Proof of the existence of domain walls above the transition point 1-28187
- Behera, S.N., Samsur, S.** Two-phonon bound states in imperfect crystals 1-15967
- Behets, M. see Gortler-Walrand, C.** 1-52921
- Behm, R.J., Christmann, K., Ertl, G.** Adsorption of CO on Pd(100) 1-7457
- Behm, R.J., Christmann, K., Ertl, G.** Adsorption of hydrogen on Pd(100) 1-16183
- Behmel, P., Jones, P.G., Sheldrick, G.M., Ziegler, M.** Examination of molecular structure of carbon acid amide binding acid H_2TeBr_6 1-24122
- Behnenburg, W., Kroop, V.** Far wing depolarisation of collision-induced fluorescence 1-41340
- Behnenburg, W. see Heinrich, J.** 1-19382
- Behnecke, H.-H. see Hagmann, S.** 1-19047
- Behnia, M., Viskanta, R.** Natural convection slow visualization in irradiated water cooled by air flow over the surface 1-6861
- Behnia, M., Viskanta, R.** Dynamics of mixed layer in a nonuniformly stratified fluid heated from below 1-19713
- Behnke, R.A. see Richmond, A.D.** 1-9317
- Behnisch, W., Zinkernagel, J.** Computer-controlled automatic comparison measurements of resistance thermometers up to 464°C 1-36657
- Behr, G. see Jurisch, M.** 1-8221
- Behrendt, J.C., Drewry, D.J., Jankowski, E., Grim, M.S.** Aeromagnetic and radio echo ice-sounding measurements show much greater area of the Dufek intrusion, Antarctica 1-35960
- Behrens, J.W.** Systematics of fission cross sections in the MeV range—an update 1-18699
- Behrens, J.W., Johnson, R.G., Bowman, C.D.** Pin-hole camera imaging of neutrons using a position-sensitive proportional counter 1-18975
- Behrens, J.W., Schrack, R.A., Bowman, C.D.** Non-destructive examination of a defective silver braze using resonance-neutron radiography 1-12947
- Behrens, R.G., Feber, R.C.** Thermodynamic properties of gaseous tantalum-chlorine molecules 1-31895
- Behrens, R.G., Mason, C.F.V.** A mass spectrometric investigation of the vaporization thermodynamics and vapor composition of cadmium oxide 1-52273
- Behrens, R.G., Rinehart, G.H.** Vapor pressure and sublimation enthalpy of elemental technetium 1-30374
- Behrens, R.G. see Herrick, C.C.** 1-35165
- Behrens, R.G. see Kent, R.A.** 1-41224
- Behrens, R.G. see Mason, C.F.V.** 1-48917
- Behrens, R.G. see Nicol, A.G.** 1-5981
- Behrens, R.G. see Rinehart, G.H.** 1-20371, 1-26764
- Behringer, D.W. see Lindstrom, E.J.** 1-32453
- Behringer, K., Kosaly, G., Nishihara, H.** Theoretical remarks on a novel correlation method of transit time estimation 1-23713
- Behringer, K. see Niedermeyer, H.** 1-25040
- Behringer, R.P., Agosta, C., Jan, J.S., Shaumeyer, J.N.** Time-dependent Rayleigh-Bernard convection and instrumental attenuation 1-33959
- Behrisch, R.** Evaporation for heat pulses on Ni, Mo, W and ATJ graphite as first wall materials 1-25420
- Behrisch, R., Roth, J., Bohdanský, J., Martinelli, A.P., Schweer, B., Rusbuldt, D., Hintz, E.** Dependence of light-ion sputtering yields of iron on ion fluence and oxygen partial pressure 1-26335
- Behrisch, R. see Goudall, D.H.J.** 1-29908
- Behrisch, R. see Schulz, R.** 1-25304
- Behroozi-Toosi, A.B., Booker, H.G.** Application of a simplified theory of ELF propagation to a simplified worldwide model of ionosphere 1-32576
- Bei, G.-D. see Barber, D.P.** 1-28309
- Bei-Bi Shao see Shao Bei-Bi**
- Bei-Foo Li see Li Bei-Foo**
- Beichler, J. see Rehm, W.** 1-21251, 1-52983
- Beiersdorf, H. see von Stackelberg, U.** 1-13446
- Beig, R.** The static gravitational field near spatial infinity. I 1-5175
- Beig, R., Simon, W.** Proof of a multiple conjecture due to Geroch 1-23061
- Beige, H. see Sorge, G.** 1-8014
- Beigel'zimer, Ya.Yu., Kulesko, N.O., Palant, Yu.O., Shishkova, N.E.** Investigation of properties and structure of the hydrostatic extrusion problem solution 1-26540
- Beigman, I.L., Chikhov, E.N.** Dielectric recombination by forbidden levels 1-11513
- Beigman, I.L., Gaisinskii, I.M.** Possibility of obtaining superluminescence in Li II ions 1-10992
- Beijdorff, A.F., Stuerzinger, P.** More rational use of energy: the invisible resource 1-31972
- Beijeren, H. van see van Beijeren, H.**
- Beijerinck, H.C.W. see van der Kam, P.M.A.** 1-29080
- Beijerinck, H.C.W. see Verster, N.F.** 1-51262
- Beilang Loh see Machlin, E.S.** 1-15831
- Beilin, V.M. see Cherenkov, V.A.** 1-18226
- Beille, J. see Fournier, J.M.** 1-47860
- Beilong Fang see Fang Beilong**
- Bein, B.K.** Influence of impurities, edge effects and refuelling on the thermal stability of a burning D-T plasma 1-24989
- Beinglass, I. see Miller, N.E.** 1-48271
- Beinik, R.J.** A source of errors in cross sections of curve-crossing processes 1-19163
- Beisembayeva, Kh.B. see Bedlov, M.P.** 1-29286
- Beissner, K.** Free-field reciprocity calibration in the transition range between near field and far field 1-11267
- Beister, G. see Schiller, S.** 1-16212
- Beitner, M.** Electronic evaluation circuits for silicon temperature sensor KTY 10 1-44921
- Beitscher, S., Brewer, A.W., Corle, R.R.** Increased effects of machining damage in beryllium observed at high strain rates 1-8392
- Beitz, J.V., Hessler, J.P.** Oxidation state specific detection of transuranic ions in solution 1-31942
- Beitz, J.V. see Miller, J.R.** 1-53445
- Beja, A. Matos see Matos Beja, A.**
- Bejan, A.** Second law analysis in heat transfer 1-15360

- Bejan, A., Kimura, S. Penetration of free convection into a lateral cavity 1-51773
- Bejan, A. see Kreith, F. 1-17300
- Bek, J., Jankowski, J. Errors in measurement of very small masses 1-27934
- Bek, R., Noid, E., Steeb, S. X-ray diffraction experiments with Bi-In-melts 1-52050
- Bek, R., Steeb, S. Ultrasonic velocity and absorption in Bi-In-melts 1-52232
- Bek, R. see Hermann, G. 1-7073
- Bek, R.Yu. see Rogozhnikov, N.A. 1-52434
- Beke, D.L. see Godeny, I. 1-47306
- Bekebrede, W.R. see Josephs, R.M. 1-7920
- Bekefi, G. see Jacobs, K.D. 1-15173
- Bekefi, G. see Shefer, R.E. 1-37451
- Bekenstein, J.D. Conformal invariance, microscopic physics, and the nature of gravitation 1-5193
- Bekenstein, J.D. Universal upper bound on the entropy-to-energy ratio for bounded systems 1-44814
- Bekeris, Yu.Ya. Investigation of influence of water adsorption on electrophysical parameters of MOS structures by TCD techniques 1-47373
- Beketov, A.R. see Gorinskii, S.G. 1-16282
- Beketov, G.V., Vanyushin, I.A., Ergakov, V.A., Zombkovskii, S.M., Korolev, Yu.V., Selektor, Ya.M., Turov, V.F., Trebukhovskii, Yu.V., Shulyachenko, V.N. Main characteristics of the reactions $pp \rightarrow pp \pi^+ \pi^-$ and $pp \rightarrow pn \pi^+ \pi^-$ at 4 GeV/c 1-23513
- Bekhet, A.M. see El-Bassiouny, M.S. 1-26650
- Bekhtarian, A., Decroisette, M. Interactions and implosion experiments at Limeil 1-10518
- Bekker, Zh.M. see Yerenenko, S.I. 1-39898
- Bekkering, D.H. Biomedical engineering: Looking back over twenty years 1-5073
- Bekkerov, V.P. see Aderikhin, V.I. 1-296
- Bekki, N. Nonlinear modulation of ionization waves 1-52008
- Beklemishchev, A.I. Measuring systems for the strength of structures 1-17010
- Beklemishchev, A.I., Blokin-Mechtaln, Yu.K., Vlasenko, V.M., Alekseenko, V.A. Apparatus for the measurement of signals from tensor-sensitive pressure transducers 1-44904
- Beklemishchev, A.I., Dulov, B.S., Klokova, N.P., Kedrov, V.V. Strain-gauge systems for experimental research 1-5303
- Beklemishchev, V.V. see Baganov, V.I. 1-49147
- Bekoo, J.P. see Torring, T. 1-37221
- Bekov, G.I., Vidolova-Angelova, E.P., Ivanov, L.N., Letokhov, V.S., Mishin, V.I. Double-excited narrow autoionization states of ytterbium atom 1-14852
- Bekov, G.I., Vidolova-Angelova, E.P., Letokhov, V.S., Mishin, V.I. Multistep laser spectroscopy of high-lying triplet states of the ytterbium atom 1-1195
- Bekova, S.Kh. Radiation from a charged particle moving in parallel to the joint of semiplanes with isotropic and anisotropic conductivities 1-1468
- Bekreuer, A.N., Fedorov, B.N. Thickness determination of thin coatings by oblique X-ray diffraction patterns 1-14097
- Bekshaev, A.Ya., Grimblov, V.M. Misaligned optical resonator with a lens-like medium 1-33722
- Bekukh, T.M. see Avchukhov, V.D. 1-33235
- Bel, N. Integrated capacitive imaging display for the blind 1-53933
- Bel Bruno, J., Krenos, J. Formation of $N_2(B^3\Pi_g)$ in collision between metastable $Xe(6s^2P_{3/2})$ and $N_2(X^1\Sigma_g^+)$ 1-1326
- Belago, V.A., Budtsev, V.Ya., Filippenko, A.S. Pulsed X-ray sources 1-45090
- Belakhovskiy, M. see Baptist, R. 1-48226
- Belan, V.R., Zhabotinskii, M.E., Zolin, V.F. Stimulated Raman scattering excited in capillary waveguides by tunable radiation 1-33758
- Belan-Gaiko, L.V., Bogdanov, V.I., Fuks, D.L. Free energies of solid and liquid metals. Thermodynamic calculation of melting temperature 1-25462
- Belanger, B. see Gould, R.G. 1-53886
- Belanger, B.C., Kieffer, L.J. Regional Measurement Assurance Programs for physical measurements 1-23162
- Belanger, G. see Sugimoto, K. 1-31729
- Belanger, P.A. see Piche, M. 1-15198, 1-46405
- Belanov, R.M. see Sanders, R.W. 1-43018
- Belanov, A.S., Dianov, E.M. Reduction of dispersion in three-layer fiber waveguides 1-33821
- Belanova, T.S., Kolesov, A.G., Klinov, A.V., Nikolskii, S.N., Poruchikov, V.A., Nefedov, V.N., Artamonov, V.S., Ivanov, R.N., Kalebin, S.M. Neutron resonances of ^{24}Cm in the energy range 0.5-20 MeV 1-23663
- Belash, I.T. see Dmitriev, V.S. 1-47227
- Belashchenko, G.I., Kaburov, I.S., Maslov, V.K., Trokhan, A.M. Metrological provisions for hydrophysical measurements [wideband hydrophones] 1-24629
- Belaya, A.D. see Chudinov, S.M. 1-52470
- Belaya, A.N., Dobrovinskaya, E.R., Zvyagintseva, I.F., Litvinov, L.A., Pishchik, V.V. Structural inhomogeneity of zirconium sapphire 1-30109
- Belling, R.K.B. see Huwel, L. 1-1309
- Belbidia, L.A., Weaver, L.E. Analysis of thermal-hydraulic instability in two-region BWR 1-50744
- Belch, A.C., Rice, S.A., Sceats, M.G. A test of the random network model of water using molecular dynamics simulation data 1-38224
- Bel'chenko, Yu.I. see Apolonskii, A.N. 1-33362
- Belcher, J.W., McNutt, R.L., Jr. The dynamic expansion and contraction of the Jovian plasma sheet 1-9412
- Bel'chikov, Z.M. see Arkhipova, V.I. 1-4139
- Bel'dyugin, I.M., Zemskov, E.M. Calculation of the field in a laser resonator with a wavefront-reversing mirror 1-33723
- Bel'dyugin, I.M., Zemskov, E.M., Orlov, V.K. Theory of stimulated Raman scattering in a dispersive medium 1-51553
- Bel'dyugin, I.M., Zubarev, I.G. Formation of fields correlated with the exciting radiation under stimulated scattering conditions 1-1644
- Bel'dyugin, I.M., Zubarev, I.G., Mikhailov, S.I. Analysis of conditions for stimulated Raman scattering of multimode pump radiation in dispersive media 1-33755
- Belechas, R., Grigas, J. Investigation of the dielectric constant of SBSI at microwave frequencies. Central mode 1-12463
- Beleicheva, T.G. Thermoelastic stresses in piecewise-uniform structures 1-15449
- Belen'kii, A.Ya., Valuev, N.P., Moish, Yu.V., Perkas, M.D., Rusanenko, V.V. Investigation of the initial stages of aging of martensitically aging alloys using the method of positron annihilation 1-26516
- Belenkii, G.L., Salaev, E.Yu., Suleimanov, R.A., Mirzoev, E.I. The influence of pressure on the electronic spectrum of layered crystals 1-52915
- Belenkii, G.L. see Abdullaeva, S.G. 1-26231, 1-48113
- Belen'kii, I.M. A method of regularizing the equations of motion in the central force-field 1-40319
- Belen'kii, M.S., Mironov, V.L. Coherence of the field of a laser beam in a turbulent atmosphere 1-6472
- Belen'kii, V.M. see Abdurakhmanov, S.R. 1-668
- Belen'kii, V.M. see Begzhanov, R.B. 1-33234
- Belenky, V.Z. see Belostotsky, A.M. 1-39750
- Belenov, E.M., Vedenev, S.I. Stimulated emission of electromagnetic waves by superconducting weak-link and by metal-oxide-metal systems 1-35075
- Belery, P., Delbar, T., Gregoire, G. Multiple scattering and energy straggling of heavy ions in solid targets 1-37081
- Beletskii, N.N., Yakovenko, V.M. Surface helicons at a semiconductor-metal interface 1-42807
- Beletskii, V.M., Gleit, A.A., Maksimuk, P.A., Tabachnik, V.I., Opanasenko, V.F. Moduli of elasticity, coefficients of thermal expansion, and Debye temperatures of titanium alloys 1-16826
- Beletskii, V.M., Maksimuk, P.A., Tabachnik, V.I., Grinik, E.U., Gritskovich, A.L. Determining the energy of interaction of impurity atoms with dislocations in titanium alloys 1-42414
- Beletskii, V.V., Kasatkin, G.V. Extremal properties of resonant motions 1-23007
- Beletskii, V.V., Pogorelov, D.Iu. Plane resonance rotations of a satellite in an elliptic orbit 1-23001
- Beletskii, Yu.I. see Pan, V.M. 1-7578, 1-25849
- Belevich, I.S. see Borzhanskaya, V.B. 1-15383
- Belevtsev, A.A. Relaxation theory for electron energy distribution 1-15011
- Belevtsev, B.I. see Komnik, Yu.F. 1-20920, 1-30745
- Beley, V.M. see Alonso, N. 1-35664
- Belford, R.L. see Marquart, J.R. 1-50110
- Beli, M.U., Kononenko, Yu.T., Kushnirenko, I.Ya. Relaxation processes in luminescence centres of solutions of alkali-halide salts with an addition of NO_2^- anions 1-8133
- Belian, R.D. see Baker, D.N. 1-40276
- Belic, D.S., Hall, R.I. Dissociative electron attachment to metastable oxygen ($\text{a}^1\Delta_g$) 1-33569
- Belic, D.S., Landau, M., Hall, R.I. Energy and angular dependence of $\text{H}^-(\text{D}^-)$ ions produced by dissociative electron attachment to $\text{H}_2\text{O}(\text{D}_2\text{O})$ 1-29127
- Belic, D.S. see Kurepa, M.V. 1-33570
- Belikov, A.M., Vasilenko, A.Yu., Kosilov, A.T. Morphology of the $\beta_1 \rightarrow \beta_1'$ transformation of Cu-Al-Ni crystals under uniaxial tension conditions 1-1930
- Belikov, V.S., Kolesnichenko, Ya.I. Can thermodynamic drift instabilities lead to turbulent diffusion of alpha particles? 1-6955
- Belikova, G.S. see Bulenko, A.P. 1-17130
- Belikova, T.P. see Baev, V.M. 1-1563
- Belin, E., Bonnelle, C., Flechon, J., Machizaud, F. Nickel density of states in amorphous metallic Ni-P (X-ray spectra) 1-31229
- Belin, E., Fargues, D., Bonnelle, C., Flechon, J., Machizaud, F., Rivory, J. Nickel and cobalt electron distribution in amorphous metallic Ni-P and Co-P 1-31234
- Belin, E. see Platz, P. 1-50292
- Belling, C.D. see Smith, F.A. 1-53012
- Belinicher, V.I., Sturman, B.I. The photogalvanic effect in media lacking a center of symmetry 1-25763
- Belinskii, M.I. see Fainzil'berg, V.E. 1-31078
- Belinskii, V.N. see Deinega, Yu.F. 1-17063
- Belinsky, V., Fargion, D. Two-soliton waves in anisotropic cosmology 1-142
- Beljajev, O.F., Selenov, J.W. The mechanism of the formation of a texture in polyethylene 1-52088
- Belkhir, L., Joly, E., Gerard, N., Achard, J.C., Percheron-Guegan, A. Evolution of the kinetic properties in a family of substituted LaNi_5 hydrides during activating formation-decomposition cycling 1-3744
- Belkic, D. Charge dependence of ionisation cross sections 1-1357
- Belkin, S.N., Moskalenko, S.A., Rotaru, A.Kh., Khadzhi, P.I. Nutation in a system of coherent excitons and photons taking into account collective two-photon and two-exciton transformations 1-52499
- Belkin, S.N. see Khadzhi, P.I. 1-2885
- Belkoura, L. see Schneider, R. 1-20402
- Belkov, A.A., Bunyatov, S.A., Pervushin, V.N. Total cross sections of the reaction $\pi N \rightarrow \pi N$ near threshold in the theory of broken chiral symmetry 1-10250
- Belkov, S.A., Nikolaev, Yu.A., Tsytochiv, V.N. Radiation from relativistic ions due to transition scattering in random magnetic fields 1-32656
- Belkov, V.M. see Guglya, V.G. 1-18196
- Bell, A.E. see Bartolini, R.A. 1-41761
- Bell, A.R., Evans, R.G. Improvements to the equation of state in the Medusa laser compression simulation 1-28703
- Bell, A.R., Evans, R.G., Nicholas, D.J. Electron energy transport in steep temperature gradients in laser-produced plasmas 1-42137
- Bell, B. see Bickel, W.S. 1-10907
- Bell, G. Typhoon Hope 1979 1-32512
- Bell, G.E., Ritchie, S.I.M. The use of the odd-even hopscotch algorithm for a thermal shock problem 1-37762
- Bell, H.E. see Howe, D.A. 1-24382
- Bell, J. see Ammosov, V.V. 1-40980
- Bell, J. see Berge, J.P. 1-540
- Bell, J. see Efremenko, V.I. 1-33173
- Bell, J.C. Continuous analysis of stresses from arbitrary surface loads on a half space 1-14012
- Bell, J.F.W., Chen, J.Y.F., Chaplain, K.R. Ultrasonic characterisation of refractories at high temperature 1-26702
- Bell, J.J. see Santschi, P.H. 1-32466
- Bell, J.M. see Williams, E.W. 1-4199
- Bell, J.P. see Buzzard, G.H. 1-48749
- Bell, J.S., Bertlmann, R.A. Magic moments 1-31354
- Bell, K.L., Scott, N.S. Coulomb functions (negative energies) 1-24016
- Bell, K.R., Blanchard, B.J., Schmugge, T.J., Witzak, M.W. Analysis of surface moisture variations within large-field sites 1-36016
- Bell, K.W., Blissett, J.A., Foster, B., Hart, J.C., Parham, A.G., Payne, B.T., Proudfoot, J., Saxon, D.H., Woodworth, P.L. A large scintillator array for particle identification by time of flight 1-6101
- Bell, K.W., Blissett, J.A., Foster, B., Hart, J.C., Parham, A.G., Payne, B.T., Proudfoot, J., Saxon, D.H., Woodworth, P.L. A large scintillator array for particle identification by time of flight 1-37063
- Bell, K.W. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Bell, M. see Owens, D.K. 1-25073
- Bell, M.A., Smith, I.E. Thermal energy storage using saturated salt solutions 1-13182
- Bell, M.I. see Loiacono, G.M. 1-26138
- Bell, P.M. see Dunn, K.J. 1-31821
- Bell, P.M. see Madon, M. 1-22328
- Bell, P.M. see Mao, H.K. 1-28002
- Bell, P.M. see Sharma, S.K. 1-39108
- Bell, R., Kirkhope, J. Vibration analysis of polar orthotropic discs using the transfer matrix method 1-11341
- Bell, R.A., Dickens, R.J. Chemical abundances in the globular clusters M3, M13 and NGC 6752 1-44597
- Bell, R.A. see Butler, D. 1-17858
- Bell, R.A. see Dreiling, L.A. 1-22795
- Bell, R.A. see Gustafsson, B. 1-4910
- Bell, R.A. see Manduca, A. 1-54488
- Bell, R.E. see Finkenthal, M. 1-51987
- Bell, R.O. see Rabin, B. 1-30812
- Bell, R.P. Role of intermolecular forces in proton-transfer reactions 1-19154
- Bell, T.K. see Cranley, K. 1-8980
- Bell, T.K. see Webb, J.A.C. 1-49122
- Bell, T.L. Climate sensitivity from fluctuation dissipation: some simple model tests 1-49377
- Bell, W.L. see Adamson, R.B. 1-2524
- Bell Burnell, S.J. see Hayes, M.J.C. 1-4979
- Bella, G. see Niczyporuk, B. 1-33175, 1-50421
- Bellac, M.L. see Le Bellac, M.
- Bellamy, B.A., Hooper, A.E., Hughes, A.E., Tofield, B.C., Newsam, J.M., Sampson, C.F. Hydrogen containing beta aluminas 1-17322

- Bellamy-Knights, P.G.** Viscous compressible heat conducting spiralling flow 1-46761
- Bellán, P.M.** Electromagnetic interference pattern of resonance cones in the far field 1-15621
- Bellánato, J., Galvez, E., Espada, M., Trigo, G.G.** Spectroscopic studies of azabicyclopropanhydantoin 1-12493
- Belin, G.** *see* Niczyporuk, B. 1-50447
- Bellazzini, R., Del Guerra, A., Massai, M.M., Ragadini, M., Spandre, G., Tonelli, G.** MWPC with a cathode coupled delay line read-out as radioactivity detector for DNA repair studies 1-51061
- Bellemans, A.** An alternative stochastic formulation of the itinerant oscillator model 1-181
- Bellemans, A.** Power demand in walking and space optimization 1-27714
- Bellemans, A.** *see* Afsar, M.N. 1-36679
- Beller, G.A.** *see* Nichols, A.B. 1-9013
- Beller, M.** Methodology for assessing the full costs of technology 1-8691
- Beller, M.** The applications of energy systems analysis to policy and technology studies 1-35621
- Beller, R.** *see* Rabolt, J.F. 1-40863
- Bellés, G.** Low-energy excitations in amorphous metals 1-30342
- Bellet, D.** *see* Gillard, B. 1-51831
- Bellet, D.** *see* Ly, D.P. 1-53798
- Bellet, M.** *see* Bellet-Barthas, M. 1-35834
- Bellet-Barthas, M., Barthélemy, L., Bellet, M.** Effects of ^{60}Co radiation on the rabbit lung surfactant system 1-35834
- Belletini, G.** *see* Antreasyan, D. 1-10287
- Belletini, G.** *see* Bartalucci, S. 1-28793
- Belli, Y., Mishra, R.K., Kubarych, K., Okada, M.** The effect of vanadium and vanadium plus titanium on the magnetic and mechanical properties of Fe-Cr-Co hard magnets 1-52798
- Bellia, G.** *see* Alba, R. 1-50675
- Bellicard, J.B.** *see* Goutte, D. 1-14443
- Bellina, J.J., Jr., Kargol, J.A., Fiore, N.F.** Surface film behavior on a Ni-base superalloy 1-53346
- Bellini, G.** *see* Albini, E. 1-23999
- Bellissent, R.** *see* Bellissent-Funel, M.C. 1-30039
- Bellissent, R.** *see* Bellissent-Funel, M.-C. 1-30031
- Bellissent, R.** *see* Bizard, A. 1-46985
- Bellissent-Funel, M.C., Bellissent, R., Tourand, G.** Resistivity of liquid Ga between 303K and 573K from structure factor measurements 1-30039
- Bellissent-Funel, M.C.** *see* Fontana, M.P. 1-30433
- Bellissent-Funel, M.-C., Bellissent, R., Tourand, G.** Structure and resistivity of liquid Ga between 303K and 573K 1-30031
- Belloq, A.M., Fouché, G., Chabrat, P., Letamendia, L., Rouch, J., Vaucamps, C.** Dynamic light scattering study of concentrated W/O microemulsions 1-29212
- Bellomo, N., Monaco, R.** Scattering kernels for the boundary conditions of the Boltzmann equation of the moving boundary of two-phase systems 1-201
- Bellomo, P., Karady, G., Petree, F., Cassel, R.** Design and operation of the FTFR ohmic heating electrical system 1-6021
- Belloni, A.** *see* Babin, G.N. 1-48307
- Bellot, J.** *see* Brunet, J.C. 1-31605
- Bellows, R.J., Einstein, H., Grimes, P., Kantner, E., Newby, K., Shropshire, J.A.** Development of a bipolar Zn/Br₂ battery 1-53593
- Bellyustin, N.S.** Resonance effects in a plasma with a helical (shear) structure of the magnetic field 1-19907
- Belmont, A.D.** *see* Nastrom, G.D. 1-22447
- Belo, M.** Da Cunha *see* Da Cunha Belo, M.
- Beloborodov, I.I.** *see* Fedorchenko, I.M. 1-35400
- Beloborodov, V.N.** *see* Alekseev, A.I. 1-6022
- Belobrovik, V.I.** *see* Kugeiko, M.M. 1-40192
- Belododov, V.I.** *see* Konson, A.S. 1-1742
- Beloglazov, A.A., Bashkatov, V.A., Shipil'rain, E.E.** Decreasing the harmful effect of Hall currents on the characteristics of an MHD generator 1-19984
- Belogolovskii, M.A.** *see* Svistunov, V.M. 1-3115, 1-42895
- Belogolovtsev, G.I.** Pulsed light source based on the Z-pinch for microsecond photolysis 1-46479
- Belogolovtsev, G.I., Markin, A.P., Kholev, S.R.** Z-pinch structure in the case of an azimuthally inhomogeneous return current conductor 1-2217
- Belogurov, V.N., Bilinkin, V.A.** Determination of the absolute Mossbauer fraction in the absorption spectra of an arbitrary form 1-12436
- Belogurov, V.N., Bilinkin, V.A.** Dependence of the dynamic and hyperfine characteristics of Fe³⁺ ions on the rare-earth ion parameters in garnets above the Neel temperature 1-52876
- Belogurov, V.N., Bylinkin, V.A., Vasil'ev, V.F., Sen'kov, P.E.** Commutator with buffer storage device for use with AI-4096 analyzer 1-41281
- Belokogne, N.A.** Theory of multifold collision supercompression 1-891
- Belokoni, V.S., Gorodtsov, V.A.** Turbulent boundary layer of polymer solutions with a flow-retarding pressure gradient 1-11381
- Belokoneva, E.L.** *see* Simonov, M.A. 1-25229
- Belokopitov, Y.** *see* Barth, M. 1-41018, 1-45377
- Belokopitov, Y.A.** *see* Ajinenko, I.V. 1-23525
- Belokopitov, Y.A.** *see* Saudraix, J. 1-5666
- Belokurov, V.V.** Production of particles with large transverse momenta in quantum chromodynamics 1-28272
- Belokurov, V.V., Ussyukina, N.I.** High-energy behavior of the on-shell electron form factor 1-14388
- Belokurov, V.V., Ussyukina, N.I.** A method for calculating the double logarithmic asymptotic behavior of vertex functions in quantum field theory 1-14351
- Belonogov, A.M., Bogachev, Yu.V., Volnyagin, D.P., Drapkin, V.Z., Zayats, V.V., Makarov, Yu.A., Maron, R.S., Serdyuk, A.A.** An ESR spectrometer with a Gunn diode UHF source 1-18265
- Belonuchkin, B.E.** *see* Bakanina, L.P. 1-29256
- Belorizky, E., Casalegno, R., Niez, J.J.** Calculation of the spin wave energy gap at $k=0$ for a simple cubic ferromagnet with anisotropic exchange interactions 1-25917
- Belorusov, A.V., Gorbunov, E.F., Karchevskii, A.I., Muromkin, Yu.A., Ustinov, A.I.** Separation of helium and neon isotopes in a rotating hydrogen plasma 1-34128
- Belorusov, A.V., Karchevskii, A.I., Potanin, E.P., Ustinov, A.I.** Effect of electromagnetic circulation on the volume distribution of components of a gas mixture in a pulsed plasma centrifuge 1-51930
- Beloshchin, A.M.** *see* Letyuk, L.M. 1-3169
- Beloshnee, V.P.** One- and two-channel spark discharges as light sources 1-52009
- Beloshenko, V.A.** *see* Datsko, O.I. 1-42463
- Beloshitskii, V.V., Kumakhov, M.A.** The difference and relationship between the radiation of channeled particles and coherent bremsstrahlung 1-25345
- Beloshitsky, V.V.** *see* Sidorovich, V.A. 1-1347
- Belosludov, V.R.** *see* Nabutovskii, V.M. 1-8620, 1-15940
- Belostosky, A.M., Belenky, V.Z.** Mathematical modeling of reactor strategies 1-39750
- Belostotskaya, L.A., Ryschenko, M.I., Saltevskaia, L.M.** Behavior of ceramics with different porosities at low temperatures 1-12695
- Belostotskiy, V.V., Vasil'ev, Ye.N.** Integral equation of an open resonator with a dielectric insert 1-11599
- Belotitskii, V.I.** *see* Chekmarev, V.P. 1-21083
- Belotserkovskii, A.A.** *see* Podorozhnyi, A.F. 1-27914
- Belotskii, D.P., Makhova, M.K., Semizorov, A.F., Gorbunov, V.V.** Diffusion and solubility of silver in single-crystal CdSb 1-11907
- Belouet, C.** Growth of polysilicon sheets by the RAD process 1-3640
- Belouet, C.** DKDP crystals for use in the TITUS tube 1-19420
- Belouet, C.** Growth and characterization of single crystals of KDP family 1-39230
- Belous, V.M., Tolstobrov, V.I.** Luminescence investigations of the formation of impurity centres in "nucleus-shell" type emulsions 1-28108
- Belous, V.M., Tolstobrov, V.I., Suvorin, V.V.** Role of silver ions in the formation of impurity centres in silver bromide emulsions 1-23350
- Belous, V.N.** *see* Gerasimov, V.V. 1-28598
- Belousov, A.F.** Systems analysis in Earth sciences 1-44345
- Belousov, A.N.** *see* Ankanov, V.B. 1-25994
- Belousov, A.S.** *see* Aleksandrov, Yu.A. 1-5634
- Belousov, G.D., Buryakov, V.L., Kozlov, O.V.** Time resolution of pulsed Cerenkov γ detectors 1-37061
- Belousov, V.N., Bolshov, L.A., Kovalskii, N.G., Nizienko, Yu.K.** Experimental study of the properties of Mandelstam-Brillouin stimulated scattering and stimulated temperature scattering mirrors 1-33767
- Belousov, V.Ya.** Increasing the wear resistance of granular tungsten carbide base composite materials by heat treatment 1-35398
- Belousova, L.M., Andreev, A.P., Arkhipov, V.V.** Interference study of the spectral composition of the LG-126 laser radiation 1-37460
- Belousova, L.E.** Effect of the temperature of a tungsten electrode on the activation depletion time 1-42581
- Belousov, V.V., Belyaevsky, N.A., Borisov, A.A., Volvovsky, B.S., Volkovskiy, L.S., Resvov, D.P., Tal-virsky, B.B., Khrambaev, I.K., Kaila, K.L., Narain, H., Marussi, A., Finetti, J.** Structure of the lithosphere along the deep seismic sounding profile: Tien Shan-Pamirs-Karakorum-Himalayas 1-49244
- Belov, A.G., Zinger, G.M., Il'in, M.A., Korchagin, Yu.N., Rashevskaya, E.P., Ryskin, A.I.** Optical properties of InP, AsSb, $\text{In}_{0.9}\text{Sb}_{0.1}$ 1-26294
- Belov, A.I.** *see* Sokolenko, L.M. 1-30979, 1-52821
- Belov, A.N., Semenov, G.A., Vinokurov, I.V., Krasil'nikov, M.D.** Mass-spectrometric investigation of evaporation of the solid-solution components in a system of zirconium and praseodymium oxides 1-7313
- Belov, A.S., Burmistrov, Yu.M., Konobeevskii, E.S., Kudenko, Yu.G., Popov, V.I., Skorkin, V.M.** Gamma-quantum spectrometer for the investigation of the reaction ($n, n'\gamma$) using a pulsed neutron beam 1-10587
- Belov, A.S., Burmistrov, Yu.M., Yurchenko, G.A.** Pulsed ion injector for an electrostatic accelerator using bunching in a distributed electric field 1-978
- Belov, A.V., Blokh, Ya.L., Gushchina, R.T., Dorman, L.I., Eroshenko, E.A., Inozemtseva, O.I., Kaminer, N.S., Libin, I.Ya.** Prominent cosmic-ray events in 1978 1-36128
- Belov, A.V., Blokh, Ya.L., Gushchina, R.T., Dorman, L.I., Eroshenko, Ye.A., Inozemtseva, O.I., Kaminer, N.S.** Solar cosmic rays of November 22, 1977, according to data on the neutron component 1-4726
- Belov, A.V., Grudinin, A.B., Devyatikh, G.G., Dianov, E.M., Karpichev, K.S., Mazavin, S.M., Myzina, V.A., Neustruev, V.B., Nikolaichik, A.V., Prokhorov, A.M., Sokolov, N.I., Yushin, A.S.** Low-loss fiber waveguide prepared by the axial deposition method 1-6674
- Belov, B.A.** *see* Afonina, R.G. 1-4711
- Belov, I.A., Iseva, S.A.** Numerical simulation of supersonic flow around solids of revolution with a leading detachment zone 1-42067
- Belov, K.P.** *see* Mill, B.V. 1-21338
- Belov, M.L., Orlov, V.M.** Random shifts of a diffraction image in a turbulent atmosphere on a path with reflection 1-46229
- Belov, N.A., Koval', A.K., Mironov, V.D., Popov, A.I., Protsenko, E.D.** Determination of the concentration of carbon dioxide gas by a laser method 1-17135
- Belov, N.V.** *see* Bondar', V.I. 1-20179
- Belov, N.V.** *see* Bondareva, O.S. 1-30197
- Belov, N.V.** *see* Chuprunov, E.V. 1-20025
- Belov, N.V.** *see* Dago, A.M. 1-20166, 1-25230
- Belov, N.V.** *see* Egorov-Tismenko, Yu.K. 1-25228
- Belov, N.V.** *see* Kaplunnik, L.N. 1-25221
- Belov, N.V.** *see* Khalmanov, V.V. 1-25190
- Belov, N.V.** *see* Krutik, V.M. 1-2415, 1-30192
- Belov, N.V.** *see* Lebedev, V.A. 1-25120
- Belov, N.V.** *see* Maksimov, B.A. 1-25222
- Belov, N.V.** *see* Malinovskii, Yu.A. 1-2414, 1-30193
- Belov, N.V.** *see* Matveeva, R.G. 1-42361
- Belov, N.V.** *see* Merinov, B.V. 1-20165
- Belov, N.V.** *see* Mukhtarova, N.N. 1-30190
- Belov, N.V.** *see* Nadezhina, T.N. 1-20169
- Belov, N.V.** *see* Pushchinskii, D.Yu. 1-25225
- Belov, N.V.** *see* Rusanovskii, M.E. 1-20178
- Belov, N.V.** *see* Simonov, A.A. 1-25229
- Belov, N.V.** *see* Simirnova, N.L. 1-2380
- Belov, N.V.** *see* Soldatov, E.A. 1-20027, 1-30191, 1-30194
- Belov, N.V.** *see* Stepanov, E.A. 1-3959
- Belov, S.P., Gerasimov, P.V., Kazanskii, Yu.A., Matveev, V.I., Pshakin, G.M., Tyutunnikov, P.L.** Theoretical and experimental investigation of sodium void effect of reactivity 1-28639
- Belov, S.P., Gershstein, L.I., Krupnov, A.F., Maslovskiy, A.V., Urban, S., Spirko, V., Papousek, D.** Inversion and inversion-rotation spectrum of $^{14}\text{NH}_3$ in the v_2 excited state 1-37205
- Belov, V.M.** *see* Shishov, E.V. 1-15477
- Belov, V.N.** Formula for approximate calculation of the Voigt function 1-43100
- Belov, V.V., Brook-Levinson, E.T.** A statistical-mechanical explanation of the crystalline structure of the heavier rare gas solids 1-34286
- Belov, V.V.** *see* Shifrin, L.I. 1-44034
- Belov, Yu.A.** Block stochastic optimization problem with probability constraints and deterministic solution 1-18151
- Belovitski, G.E., Baryshnikov, A.N., Panitkin, Yu.G., Presnyak, O.S.** Investigating the possibility of exciting isobaric analog states in the reaction $^{208}\text{Pb}(n, p)$ 1-18622
- Belovolov, M.I., Dianov, E.M., Luchnikov, A.V., Prokhorov, A.M.** Low-loss fiber-optical directional couplers 1-33822
- Belovskii, M.N., Kurt, V.G., Ochelkov, Yu.P.** Peculiarities in the intensity distribution of electron events related to solar flares 1-22755
- Belozero, V.G.** *see* Malyshev, E.K. 1-23983
- Belozero, V.V.** *see* Tananko, I.A. 1-3694
- Belzerskii, G.N.** *see* Brach, B.Ya. 1-38922
- Belozorov, D.P., Garber, R.I., Spol'nik, A.I.** Ferromagnetic resonance in oxidized hexagonal cobalt 1-26042
- Belrhimi-Belhashan, A., Karnatak, R.C., Spector, N., Bonnelle, C.** The 3d photoabsorption of Tm^{3+} 1-51154
- Bel'skii, V.K.** *see* Gurkova, S.N. 1-25250
- Belsky, K.** *see* Scates, M.G. 1-1234
- Belsky, K.** *see* Kacbel, I. 1-29451
- Belson, J., Wilson, I.H.** Flux density equations for topographical evolution of features on ion bombarded surfaces 1-53032
- Belsue, J.M.** Navarro *see* Navarro Belsue, J.M.
- Belt, T.G.M.** van den *see* van den Belt, T.G.M.
- Belt, T.** *see* Zoller, P. 1-10512

- Belton, G. *see* Sano, N. 1-7357
- Belton, G.R. *see* Colters, R.G. 1-12678
- Bel'tovska-Lehman, E., Riesenkamp, A. Effect of the electrode supply mode on the chemical composition gradient of Permalloy thin films 1-3644
- Beltracchi, L. *see* Satterfield, R.M. 1-28648
- Beltrame, F., Chiabrera, A., Grattarola, M., Guerini, P., Parodi, G.C., Ponta, D., Vernazza, G., Viviani, R. ACTA: automated image analysis system for absorption, fluorescence and phase contrast studies of cell images 1-32332
- Beltrame, F., Guerini, P., Merchiori, A., Parodi, G., Ponta, D., Tognoni, G. Microcomputer-controlled X-Y scanning stage for light microscopy applications [to cytology] 1-53950
- Beltrami, I. *see* Weber, R. 1-33216
- Beltran, F.G., Remacha, M.P.P., de Val Mallen, R.M. Infrared spectra of quinoline monohydroxide derivatives 1-6259
- Beltran-Lopez, V., Castro-Tello, J. EPR lineshapes in polycrystalline samples: $S_{2/2}$ ions in axial and cubic crystal fields 1-16472
- Bel'tugov, V.N. *see* Avtonomov, V.P. 1-33708
- Belugina, N.V. *see* Bagdasarov, Kh.S. 1-33732
- Belvedere, G., Paterno, L., Roxburgh, I.W. A 'fast' model of the solar convection zone 1-27439
- Belvedere, G., Paterno, L., Stix, M. Magnetic cycles of lower main sequence stars 1-32694
- Bely, M. *see* Shpady, A. 1-27958
- Belyaev, A.D., Olikh, Ya.M., Miselyuk, E.G., Taborov, V.F. Temperature dependences of velocity and coefficient of ultrasound absorption in Li_2GeO_3 1-52235
- Belyaev, A.E., Gorodnichii, O.P., Pidlisnyi, E.V. Infrared absorption spectra of uniaxially deformed n-type gallium phosphide 1-21207
- Belyaev, A.E. *see* Baranskii, P.I. 1-7522
- Belyaev, A.V. *see* Baidina, I.A. 1-34326
- Belyaev, B.N., Domkin, V.D., Korobulin, Yu.G., Andronov, L.N., Solyakin, G.E. Rb and Cs isotopic distributions from 1 GeV proton fission of ^{238}U 1-18692
- Belyaev, G.S. Effect of heating on the hardness and structure of the hardened surface layer 1-16885
- Belyaev, I.N. *see* Kuleshova, T.B. 1-35513
- Belyaev, L.M. *see* Nabatov, V.V. 1-7247
- Belyaev, M.V., Vasilenko, L.S., Skvortsov, M.N., Chebotova, V.P. Transient resonance in a standing wave 1-33774
- Belyaev, M.V. *see* Bagaev, S.N. 1-41425
- Belyaev, M.Yu. Operational planning of scientific experiments using spacecraft 1-54345
- Belyaev, S.Yu. Electrostatic problem of a disk in a coaxial circular aperture in a conducting plane 1-24317
- Belyaev, V.B., Kirzhnits, D.A., Khankhasaev, M.Kh., Takibaev, N.Zh. The study of low-energy pion-deuteron scattering in the method of evolution with respect to coupling constants 1-10251
- Belyaev, V.B., Vzhetsionko, E., Sapozhnikov, M.G. Application of approximate four-body equations to the description of elastic scattering and charge exchange of π^{\pm} mesons on 3He 1-18688
- Belyaev, V.B. *see* Evseev, V.S. 1-50658
- Belyaev, V.N., Kovalev, V.Yu., Sobolev, B.V., Shotskii, Yu.V. System for automatic control of a setup for measuring angular correlations 1-51065
- Belyaev, Yu.N. *see* Babin, A.A. 1-1633, 1-1634
- Belyaeva, A.I., Antonov, A.V., Egiazaryan, G.S., Potakova, V.A., Silaev, V.I. Magneto-optical study of submicron magnetic domains at low temperatures 1-50177
- Belyaeva, A.I., Antonov, A.V., Egiazaryan, G.S., Yur'ev, V.P. Visual investigation of the domain structure in the spin reorientation region of epitaxial $(BiTm)_{0.5}(FeGa)_{0.5}O_2$ films 1-25997
- Belyaeva, A.I., Antonov, A.V., Egiazaryan, G.S., Yur'ev, V.P. Magneto-optical study of the saturation magnetization in epitaxial ferrite-garnet films with submicron domain structure 1-52817
- Belyaeva, A.I., Egiazaryan, G.S., Antonov, A.V. Domain structure of epitaxial ferrite-garnet films near the magnetic compensation point 1-3224
- Belyaeva, A.I., Kotlyarskii, M.M., Popov, E.A., Edel'man, I.S. Comparative investigation of the energy spectra of polytypic phases of antiferromagnetic $RbMnCl_3$ 1-3434
- Belyaeva, A.I., Petrov, S.V., Stelmakhov, Yu.N., Yur'ev, V.P. Visual investigation of the domain structure of ferromagnetic $RbNiF_4$ 1-34907
- Belyaeva, G.I., Plotnikova, A.F., Stotskaya, S.N., Chernov, Ya.B. Effect of melt composition on the rate of boriding 1-8484
- Belyaeva, O.V., Timofeev, B.D., Shupaev, V.N. Experimental investigation of liquid N_2O_4 viscosity 1-52329
- Belyaeva, S.C. *see* Leshina, T.V. 1-12971
- Belyaeva, T.L., Zelenskaya, N.S., Ismail, L.Z., Lebedev, V.M., Spasski, A.V., Teplov, I.B. On the possibility of describing the angular and energy dependences of reactions with α particles on ^{12}C and ^{27}Al nuclei in the model with l-splitting potential 1-45479
- Belyaevsky, N.A. *see* Belousov, V.V. 1-49244
- Belyaika, L.G. *see* Sirota, A.M. 1-36991
- Belyak, V.I. A model of the strongly absorbing nucleus 1-28434
- Belyakina, T.S. Eclipsing binary system of the symbiotic star CI Cyg 1-27517
- Belyakov, A.I. *see* Grayzov, G.M. 1-35512
- Belyakov, A.V., Khaikin, L.S., Vilkov, L.V., Bogorodskii, E.T., Zavgorodnii, V.S. Gas phase electron diffraction study of tetraphenyltin, $Sn(C_6H_5)_4$ 1-51294
- Belyakov, A.V. *see* Khaikin, L.S. 1-1401
- Belyakov, N.A. *see* Petrash, V.V. 1-49136
- Belyakov, S.A., Devicheva, E.A., Kurt, V.G., Logachev, Yu.I., Ryumin, S.P., Stolpovskii, V.G., Zabyakin, G.I., Rutkovskii, A.I. Some results of measurements of the spectra of energetic particles in the interplanetary medium at distances of 1.0-0.7 AU on the Venera 11 and 12 automatic interplanetary stations 1-9336
- Belyakov, V.A. *see* Dmitrienko, V.E. 1-15749
- Belyakov, V.A. *see* Shipov, N.V. 1-24457
- Belyakov, V.A. *see* Smirnov, E.V. 1-12443
- Belyakov, Yu.M., Galeev, R.I., Gaisin, F.M., Dautov, G.Yu., Minnigulov, A.N. Distribution of potential of electric field in a glow discharge in a transverse flow of air 1-15666
- Belyakov, Yu.M., Semichev, A.Ya., Fafurin, A.V. Laminar boundary layer development in nozzles with turbulent outflow 1-29748
- Belyakova, L.D., Kiselev, A.V., Platonova, N.P., Shevchenko, T.I. Study of the structure of porous polymers by adsorption methods 1-52081
- Belyan, V.F. *see* Basov, N.G. 1-6597
- Belyanin, A.L., Zhikharev, V.A., Kessel', A.R. The tunnel current as a detector of the EPR of impurity spins in a junction 1-31016
- Belyanina, R.G. *see* Aleksandrov, V.I. 1-7604
- Belyatskii, A.F., Gurevich, D.B., Kanatenko, M.A., Podmoshenskii, I.V. Volume gas discharge with radioisotope preionization 1-29944
- Belyavskii, A.K. *see* Makarov, V.P. 1-7924
- Belyavskii, N.M. *see* Tochitskii, E.I. 1-7759
- Belyavskii, V.I., Moskalenko, A.G., Sulueva, L.Ya. High-temperature background of internal friction in copper-coated carbon fibers 1-39359
- Belyavskii, V.I. *see* Dubrovskii, G.B. 1-43085
- Belyayev, I.I. The MPM-5 marine proton magnetometer 1-54277
- Belyayev, M.V. *see* Bagaev, S.N. 1-51239
- Belyea, C.I., Joshi, G.C. Hadronic transitions for heavy quarkonia in the O-meson model 1-33180
- Belyi, I.M., Komarov, F.F. Structural transformations and electrophysical properties of metal films bombarded with ions 1-2532
- Belyi, M.U., Ermolenko, G.I. Temperature dependence of Fermi doublets 1-3446
- Belyi, M.U., Kushnirenko, I.Ya., Nedel'ko, S.G. Spectroscopy and structure of luminescence centers in solid solutions of halide salts with polyatomic anion impurity 1-12543
- Belyi, M.U., Zakharchenko, I.V., Okhrimenko, B.A., Skyrshchevii, V.A. Spectra and luminescence kinetics of antimony complexes 1-31197
- Belyi, M.U., Zelenskii, S.E., Okhrimenko, B.A., Vashchuk, V.P. Light quenching of luminescence in thallium complexes 1-43180
- Belyi, V.A., Barkan, A.I., Rodchenko, D.A. Adhesion of polytetrafluoroethylene to copper 1-53398
- Belyi, V.I. *see* Smirnova, T.P. 1-39623, 1-43327
- Belytschko, T.B. *see* Kennedy, J.M. 1-33301, 1-45693
- Belytschko, T.B. *see* Marchertas, A.H. 1-33324
- Belyuk, S.I., Kreindel', Yu.E., Rempe, N.G. Operation of a plasma electron source over a broad range of working-gas pressures 1-25079
- Belyustin, A.A. *see* Kiprianov, A.A. 1-17072
- Belyustin, A.V. *see* Levina, I.M. 1-7108
- Belyy, V.V., Puchkov, V.A. Effect of ionospheric inhomogeneities on the spectral broadening of a radio signal during Doppler measurements 1-22598
- Bemis, C.E., Jr., Dittner, P.F., Ferguson, R.L., Hensley, D.C., Plasil, D.C., Pleasonton, F. Spontaneous-fission branching in the decay of $^{251}104$ 1-36972
- Bemis, C.E., Jr. *see* Bertrand, F.E. 1-45550
- Bemis, C.E., Jr. *see* Nitschke, J.M. 1-36971
- Bemmann, S. The electrostatic electrification of mineral products during bubbling of gases 1-33589
- Ben Aryeh, Y. *see* Mies, F.H. 1-37270
- Ben Brakham, A., Berg, V., Bourgeois, C., Kilcher, P., Letes, Z., Destui, M.Zh., Sebil'shuk, K., Khyuk, A., Knipper, A., Rishar-Serr, K. E0 transitions in ^{187}Pt 1-660
- Ben Jemaa, N. *see* Queffelec, J.L. 1-19993
- Ben-Amar, A. *see* Shuker, R. 1-38155
- Ben-Aryeh, Y. *see* Rosenberg, A. 1-24381
- Ben-Avraham, Z., Nur, A. The elevation of volcanoes and their edifice heights at subduction zones 1-9139
- Ben-Avraham, Z., Shoham, Y., Klein, E., Michelson, H., Serruya, C. Magnetic survey of Lake Kinneret-central Jordan valley, Israel 1-32478
- Ben-David, S. *see* Roach, F. 1-21859
- Ben-Dor, G. Analytical solution of double-Mach reflection 1-46774
- Ben-Dor, G. Steady oblique shock-wave reflections in perfect and imperfect monoatomic and diatomic gases 1-46777
- Ben-Dor, G., Takayama, K., Kawauchi, T. The transition from regular to Mach reflexion and from Mach to regular reflexion in truly non-stationary flows 1-2026
- Ben-Dor, I., Shilo, I. Structure and magnetic properties of sulfides of the type $CdRE_2S_4$ and $Mg(Gd, Yb_{1-x})_2S_4$ 1-38356
- Ben-Dor, L., Shilo, I. Magnetic behavior in solid solution systems. I. $(MnMg)Tb_2S_4$ 1-34854
- Ben-dor, L., Shilo, I. Magnetic behavior in solid solution systems. II. $(MnMg)Gd_2S_4$ and $(MnMg)Yb_2S_4$ 1-34855
- Ben-Haim, Y. *see* Elias, E. 1-751
- Ben-Hur, E. *see* Grover, N.B. 1-32193
- Ben-Jacob, E., Imry, Y. Response times of short Josephson junction and applications to RF SQUIDS 1-3102
- Ben-liang Zhang *see* Zhang Ben-liang
- Ben-Mizrahi, A., Bergman, D.J. Non-universal critical behaviour of random resistor networks with a singular distribution of conductances 1-47597
- Ben-Reuven, A. Theory of two-atom coherence in s s. I. Master equations 1-24220
- Ben-Reuven, A. Theory of two-atom coherence in s s. II. Continuous-wave spectra 1-24221
- Ben-Shalom, A., Devir, A.D., Lipson, S.G., Oppenheim, U.P. Long-path high-resolution atmospheric transmission measurements. Comparison with LOWTRAN 3B predictions 1-40186
- Ben-Shaul, A., Haas, Y. Multiphoton induced isomerization: dynamics and thermodynamics 1-39605
- Ben-Shaul, A. *see* Rebentrost, F. 1-33516
- Ben-yu Guo *see* Guo Ben-yu
- Ben-Zarty, O. *see* Indrasena, A. 1-6865
- Benaben, P. *see* Foucault-Villard, M. 1-38592
- Benacchio, L., Galletta, G. Triaxiality in elliptical galaxies 1-27612
- Benassi, A. *see* de Rossi, D. 1-32227
- Benattar, J.J., Moussa, F., Lambert, M. Two-dimensional order in the smectic F phase 1-25157
- Benattar, J.J., Moussa, F., Lambert, M., Germain, C. Two kinds of two-dimensional order: the SmF and Sm1 phases 1-38264
- Benavent, W.E.M. *see* Felix, F.W. 1-2527
- Benazeth, S., Dugue, J., Carre, D., Guittard, M., Flahaut, J. Twins in $LaSe_2$ and $LaSe_{2-x}$ and a phase transition in $LaSe_2$ 1-25293
- Benbow, R. *see* Lee, S.-T. 1-42669
- Benbow, R. *see* Seabury, C.W. 1-3576
- Benbow, R.L. Dipole selection rules for the hexagonal-close-packed lattice 1-21159
- Benbow, R.L. *see* Rosci, R. 1-12635
- Benbrook, J.R. *see* Bering, E.A. 1-17731
- Benbrook, J.R. *see* Roeder, J.L. 1-49440
- Bench, R.J. *see* Bamford, J.M. 1-43881
- Bencic, D. Laboratory measuring instruments in surveying 1-4659
- Bencivinni, L., Farina, A., Nunziante Cesaro, S., Teghli, R., Spoliti, M. Vibrational spectra and rotational barriers of methyl thionine halides CH_3TiX_3 and CD_3TiX_3 ($X=Cl, Br, I$) 1-1227
- Bencomo, J.A. *see* Wagner, L.K. 1-40913
- Bencze, G. N-body methods in the theory of nuclear reactions 1-28422
- Bencze, G. A note on non-orthogonality effects in coupled channel methods for rearrangement reactions 1-33246
- Benczer-Koller, N. *see* Kalish, R. 1-16267
- Benda, H. *see* Barber, D. 1-14407
- Benda, J.A. *see* Wnek, W.J. 1-18319
- Bendaniilo, V. *see* Penner, S.S. 1-13071
- Bendazzoli, G.L., Evangelisti, S., Ortolani, F. Pade approximation for the computation of static and dynamic second-order properties by large-scale CI expansion 1-41322
- Bendazzoli, G.L., Palmieri, P., Evangelisti, S., Ortolani, F. The optical activity of tetrahydroquinoline in the random-phase approximation. The importance of the correlation energy contributions to the optical activity 1-35008
- Bendek, R. *see* Sabelli, N.H. 1-34643
- Bendeliani, N.A. *see* Atavaeva, E.Ya. 1-20376
- Bender, B., Williams, D.B., Notis, M.R. Investigation of grain-boundary segregation in ceramic oxides by analytical scanning transmission electron microscopy 1-26469
- Bender, C.M., Cooper, F., Guralnik, G.S., Roskies, R., Sharp, D. Renormalizing the strong-coupling expansion for quantum field theory: Present status 1-45150
- Bender, E. Marine biomass research advances 1-35607
- Bender, E. Debate for a decade: the Ocean Margin Drilling Program 1-49392

- Bender, E.K., Dixon, N.R., Rubin, M.N., Bartholomae, R.C. Noise control of jumbo-mounted percussive drills 1-41921
- Bender, I., Gromes, D., Rothe, H.J. Solutions of Yang-Mills equations with static q-number sources in a semiclassical treatment 1-445
- Bender, P.L. *see* Decher, R. 1-44833
- Benderskaya, S.L. *see* Khudis, B.M. 1-29675
- Benderskaya, S.L. *see* Shul'man, Z.P. 1-11428
- Benderskij, V.A., Misochko, E.Ya., Ovchinnikov, A.A., Filippov, P.G. Upper temperature limit for combustion in low temperature solid phase reactions 1-4094
- Bendick, W., Pepperhoff, W. Specific heat anomalies in iron-chromium-nickel alloys 1-30954
- Bendig, J., Kreyzig, D., Kawski, A. The interpretation of absorption spectra of azo- and azinium-substituted anthracenes 1-41389
- Bendig, J., Kreyzig, D., Schoneich, R. Effect of the bandwidth of exciting radiation on fluorescence quantum yields 1-41422
- Bendig, J. *see* Siegmund, M. 1-6312
- Bendijk, A., Delhez, R., Katgerman, L., De Keijser, T.H., Mittermeijer, E.J., Van Der Pers, N.M. Characterization of Al-Si alloys rapidly quenched from the melt 1-21438
- Bending, S.J. *see* Orlando, T.P. 1-47822
- Bendiscioli, G., Lodi Rizzini, E., Marciano, C., Rotondi, A., Venagioni, A. Elastic scattering below 3° of 36.2 and 21 MeV protons by Al, Fe, Ni and Cu isotopes 1-36949
- Bendit, E.G. There is no Hookean region in the stress-strain curve of keratin (or other viscoelastic polymers) 1-6790
- Benditskii, A.A., Granovskii, A.B., Rukman, G.I., Stepanov, B.M. Transient thermoelectric power due to heating of the surface of a metal by picosecond optical radiation pulses 1-25711
- Bendjaballah, C., Oliver, G. Comparison of statistical properties of two models for saturated laser-light amplifier 1-19318
- Bendow, B. *see* Drexhage, M.G. 1-19396
- Bendow, B. *see* Gianino, P.D. 1-41834
- Bendt, P., Gaul, H., Rabi, A. Determining the optical quality of focusing collectors without laser ray tracing 1-21849
- Bendt, P., Rabi, A. Optical analysis of point focus parabolic radiation concentrators 1-46481
- Bene, G.J. Foundations and preliminary results on medical diagnosis by nuclear magnetism 1-35850
- Bene, R.W., Walser, R.M., Lee, G.S., Chen, K.C. Is first compound nucleation at metal-semiconductor interfaces an electronically induced instability? 1-16191
- Benecci, S., Cignoli, F., Coghe, A., Zizak, G. Experimental comparison between laser Doppler anemometry and laser fluorescence anemometry 1-42113
- Benech, F. *see* Fasano, V.A. 1-8959, 1-49090
- Benevisevni, L. *see* Spoliti, M. 1-39699
- Benedek, G., Garcia, N. Inelastic scattering of He from LiF (001) surface: Theoretical analysis of time-of-flight spectra 1-53037
- Benedek, G. *see* Bauhofer, W. 1-35039
- Benedek, G. *see* Pollini, L. 1-34668
- Benedek, G.B. *see* Cohen, R.J. 1-39867
- Benedetti, R.L. Development needs of the Transuranic Waste Treatment Facility 1-45652
- Benedetto, M. *see* Enoch, J.M. 1-35782
- Benedict, G.E. *see* Wilbourn, R.G. 1-41222
- Benedict, G.F. *see* Shelus, P.J. 1-44411
- Benedict, M.G. *see* Varga, Zs. 1-6383
- Benedict, U., Dufour, C. Low temperature lattice expansion of americium dioxide 1-47262
- Benediktov, Ya.A. Statistical characteristics of anomalous radio wave absorption in the ionosphere during sudden ionospheric disturbances 1-27330
- Benediktov, Yu.A. *see* Bednyi, B.I. 1-47768
- Benenati, R. *see* Fillo, J.A. 1-50944
- Benenson, D.M. *see* Bernecki, T.F. 1-38198
- Benenson, D.M. *see* Chien, Y.K. 1-34164
- Benenson, R.E. *see* Cue, N. 1-25339
- Benenson, R.E. *see* Knolle, W.R. 1-3378
- Benenson, W. *see* Crawley, G.M. 1-41036
- Benenti, S., Francaviglia, M. The theory of separability of the Hamilton-Jacobi equation and its applications to general relativity 1-18096
- Benesch, R. *see* Ebrahim, N.A. 1-19922
- Benest, D. Gravitational restricted three-body problem: existence of retrograde satellites at large distance 1-40341
- Benetskij, B.A., Klyachko, A.V., Nefedov, V.V., Frank, I.M., Shtrankh, I.V. Excitation of levels with large neutron widths by fast neutrons in the isobar analog states 1-688
- Benetti, P., Broglia, M., Catoni, F., Zampetti, P. Atomic uranium laser isotope separation 1-935
- Benetti, P., Broglia, M., Zampetti, P. Lifetime measurements in atomic uranium beam by laser induced fluorescence 1-45906
- Benettin, G. Further results on universal properties in conservative dynamical systems 1-5219
- Benettin, G., Vecchio, G.L., Tenenbaum, A. Stochastic transition in two-dimensional Lennard-Jones systems 1-2306
- Benford, G., Cavallo, G. X-ray clusters and the electromagnetic spectrum of galaxies 1-36405
- Benford, G., Ferrari, A., Trussoni, E. Turbulence-related morphology in extragalactic radio sources 1-32769
- Benford, G., Tzach, D., Kato, K., Smith, D.F. Collective microwave emission from intense electron-beam interactions: theory and experiment 1-19912
- Benfoughal, T. *see* Caitucoli, F. 1-23700
- Benfoughal, T. *see* Sicre, A. 1-50682
- Bengin, V.V., Miroshnichenko, L.I., Petrov, V.M. Suitability of diffusion models for the description of the spectral characteristics of solar cosmic rays 1-22650
- Bengtsson, L. On the use of a time sequence of surface pressures in four-dimensional data assimilation 1-9225
- Bengtsson, R. Quasiparticle spectra above the yrast line, band-crossings and backbending phenomena 1-45395
- Bengtsson, T. *see* Ragnarsson, I. 1-615
- Benguigui, L., Hardouin, F. Reentrant nematic and smectic A phases: the dielectric approach 1-47214
- Benguigui, L. *see* Felsteiner, J. 1-31222
- Benguria, R., Kac, M. Quantum Langevin equation 1-32872
- Bengus, V.Z. A source model for work hardening of single crystals 1-43359
- Bengus, V.Z., Kovalenko, T.P., Kuklev, V.A. Reflection of the slip band source spectrum in the curve of strain hardening of crystals 1-15900
- Bengus, V.Z. *see* Tabachnikova, E.D. 1-2459, 1-3827
- Benhenda, S., Lesourd, J.-B. Electrical conductivities of molten zinc chloride-lithium chloride mixtures between 320 and 450°C 1-20434
- Beni, G. Theory of electrochemical memory. Application to short-circuit memory in electrochromic displays 1-21736
- Beni, G. *see* Hackwood, S. 1-39065
- Beniaminy, I., Deutsch, M. A spline-based method for experimental data deconvolution 1-32964
- Beniere, E. *see* Haridoss, S. 1-38594
- Beniere, F. *see* Kostopoulos, D. 1-2679
- Benight, A.S., Wartell, R.M., Howell, D.K. Theory agrees with experimental thermal denaturation of short DNA restriction fragments 1-35755
- Benight, A.S. *see* Wartell, R.M. 1-39872
- Benilov, M.S., Tirsik, G.A. Saturation currents into a probe in a dense plasma 1-38146
- Beninson, J. *see* Bolin, F.P. 1-26983
- Benioff, P.A. *see* Das, G. 1-17028
- Beniston, M. Dynamic and thermodynamic effect of a heated small island on the mesoscale boundary layer 1-44270
- Benizri, R., Lessart, P., Courvoisier, P. Study of liquid-gas phase equilibria in the Br₂-HBr-H₂O system 1-43818
- Benjamin, A.S., Walling, H.C., Haarman, R.A., Cybulski, P., DiSalvo, R. Core melt accident mitigation systems based on containment venting 1-10495
- Benjamin, M.M., Leckie, J.O. Multiple-site adsorption of Cd, Cu, Zn, and Pb on amorphous iron oxyhydroxide 1-39677
- Benjamin, S.G. *see* Carlson, T.N. 1-44234
- Benjamin, T.B. *see* Mullin, T. 1-24882
- Benker, D.E. *see* Collins, E.D. 1-18856
- Benkeir, P. *see* Ferrer, A. 1-50463
- Benkekaya, N.P., Gluznev, G.I., Stepin, Yu.V., Scherbinin, V.E. Use of annular permanent magnets in magnetic thickness gauging 1-27928
- Benko, I. Information content and identification of infrared images 1-50204
- Benko, L., Koszorus, L. Thermoluminescence dating of dental enamel 1-6094
- Ben'kova, N.P., Vasil'yev, K.N., Kolomiitsev, O.P., Prutskiy, I.S. Additional stratification of electron density in the F₂ layer near the equator 1-4679
- Benlarbi, B., Cooke, D.J., Solymar, L. Higher order modes in thick phase gratings 1-1684
- Benlow, A. *see* Henderson-Sellers, A. 1-4800
- Benn, I.M., Dereli, T., Tucker, R.W. Gravitational monopoles with classical torsion 1-149
- Benn, I.M., Dereli, T., Tucker, R.W. Gauge field interactions in spaces with arbitrary torsion 1-14059
- Benn, M. *see* Kuwabara, M. 1-16730
- Benn, S. *see* Mullin, J.B. 1-3608
- Bennema, P. *see* Janner, A. 1-30187
- Bennemann, K.H. *see* Guntherodt, H.J. 1-25619
- Bennemann, K.H. *see* Holloway, S. 1-34576
- Bennemann, K.H. *see* Kasai, H. 1-52289
- Benner, R.E., Dornhaus, R., Chang, R.K., Laube, B.L. Correlations in the Raman spectra of cyanide complexes adsorbed on Ag electrodes with voltammograms 1-34578
- Benner, R.E., Von Raben, K., Dornhaus, R., Chang, R.K., Laube, B.L., Otter, F.A. Correlation of SERS with cyclic voltammetry for cyanide complexes adsorbed on Cu electrodes 1-35056
- Benner, R.E. *see* Dornhaus, R. 1-35048
- Benner, R.E. *see* Farrow, R.L. 1-31159
- Bennet, J. *see* Yahalom, R. 1-28543
- Bennet, J.J. *see* Muthusamy, K. 1-14121
- Bennett, A.F. *see* Jayapalan, K. 1-24824
- Bennett, A.P., Harlen, F. Measuring the UV radiation hazard to welders 1-22082
- Bennett, C. *see* Lane, S.M. 1-14692
- Bennett, C.A., Jr. *see* McClenny, W.A. 1-4235, 1-45025
- Bennett, C.E.G., Graham, J. New observations on natural pyrrhotites. III. Thermomagnetic experiments 1-17587
- Bennett, C.L., Lowry, M.M., Naumann, R.A., Loeser, F., Moore, W.H. Feasibility of ⁸¹Br as a solar neutrino detector 1-17746
- Bennett, C.L. *see* Mieras, H. 1-1464
- Bennett, C.L. *see* Sachs, H.M. 1-22293
- Bennett, C.P. A novel cryogenic slip joint 1-40794
- Bennett, C.P. Marine transportation of LNG at intermediate temperature 1-48786
- Bennett, C.W. *see* Montgomery, S.D. 1-45611
- Bennett, D. *see* Wilcox, J.B. 1-40081
- Bennett, D.L., Chen, J.C. Forced convective boiling in vertical tubes for saturated pure components and binary mixtures 1-1953
- Bennett, D.W. *see* McLemore, D.R. 1-18869
- Bennett, E. *see* Sedefian, L. 1-13502
- Bennett, E.F. *see* Bhattacharyya, S.K. 1-833
- Bennett, G.W. Proton activation in vivo 1-43994
- Bennett, G.W., Doherty, R., Meltzer, J., Archambeau, B.E., Archambeau, J.O. Induced radioactivity in patients from betatron irradiation 1-32191
- Bennett, H.E. Proposed use of visible optical techniques to evaluate the surface finish of X-ray optics 1-1735
- Bennett, J.A., Birge, R.R. Two-photon spectroscopy of diphenylbutadiene. The nature of the lowest-lying $A_g^* \pi\pi^*$ state 1-29067
- Bennett, J.E. Electrodes for generation of hydrogen and oxygen from seawater 1-8769
- Bennett, J.M., Wong, S.M., Krauss, G. Relation between the optical and metallurgical properties of polished molybdenum mirrors 1-11057
- Bennett, J.M. *see* Decker, D.L. 1-29359
- Bennett, J.M. *see* Hopkins, A.K. 1-29354
- Bennett, K. *see* Bignami, G.F. 1-36429
- Bennett, K. *see* Caraveo, P.A. 1-22865
- Bennett, K. *see* Kanbach, G. 1-13792
- Bennett, M.J., Price, J.B. A physical and chemical examination of an ethylene steam cracker coke and of the underlying pyrolysis tube 1-39528
- Bennett, R.A. Massive plastic optics 1-33780
- Bennett, R.A., Daughtry, J.W., Rothrock, R.B., Harris, R.A., Rathbun, J.L., Zimmerman, B.D., Jones, D.H., King, T.L. Initial physics measurements on FFTF 1-23743
- Bennett, R.A., Jones, D.H., Midgett, C., Rathbun, J.L., Farabee, O.A., King, T.L. Initial fuel load and criticality, zero power and characterization testing 1-18807
- Bennett, R.A. *see* Ombrellaro, P.A. 1-50720
- Bennett, R.B. *see* Young, E.R. 1-12468
- Bennett, R.W., Fredericks, W.J. Defect kinetics in KCl single crystals 1-2686
- Bennett, S. Vowel formant frequency characteristics of preadolescent males and females 1-37714
- Bennewitz, H.G., Schwarz, W.H.E., Thunemann, K.H. Electronic excitation in reactive collisions of Cs atoms with nonmetal fluorides 1-21706
- Benney, D.J., Timson, W.J. The rolling motion of a viscous fluid on and off a rigid surface 1-46790
- Benninger, Chr. *see* Matthis, P. 1-26890
- Benninghoven, A. Molecular secondary ion emission 1-31288
- Benninghoven, A. *see* Beckmann, P. 1-31912
- Benninghoven, A. *see* Ganschow, O. 1-30538, 1-30572
- Benninghoven, A., Evans, C.A., Jr., Powell, R.A., Shimizu, R., Storms, H.A. (editor) Secondary Ion Mass Spectrometry SIMS-II. Proceedings of the Second International Conference 1-27666
- Bennion, D.N. *see* Sunu, W.G. 1-17067, 1-17068
- Bennion, I., Rogers, B.D., Stewart, W.J. Grating components in birefringent photonic optical waveguides [for use as wavelength-selective deflectors] 1-11079
- Benofy, L.P., Gammel, J.L., Turchetti, G. Off-shell momentum as a variational parameter in calculations of matrix Padé approximants in potential scattering. II 1-18071
- Benoist, P. Integral transport theory formalism for diffusion coefficient calculations in Wigner-Seitz cells 1-41162
- Benoit, A., Bhattacharjee, A.K., Coqblin, B., Flouquet, J., Haen, P., Holtzberg, J., Jullien, R., Mignot, J.M., Ribault, M., Tournier, R. Magnetic properties of anomalous rare earth systems under pressure 1-30898
- Benoit, A. *see* Murani, A.P. 1-30911
- Benoit, A.E. *see* Solomon, F.J. 1-53617
- Benoit, C. *see* Bon, A.M. 1-16568
- Benoit, D., Lieurade, H.-P., Mille, P., Pluvigne, G. The phenomenon of point closure of a fatigue crack in the case of steels 1-35357

- Benoit, D., Namdar-Irani, R., Tixier, R. Oxidation of fatigue fracture surfaces at low crack growth rates 1-3904
- Benoit, H. see Guenet, J.M. 1-38298
- Benoit, H. see Izumi, Y. 1-52274
- Benoit a la Guillaume, C. see Hulin, D. 1-25641
- Benoit a la Guillaume, C. see Mollet, F. 1-21266
- Benoit a la Guillaume, C. see Voisin, P. 1-52920
- Benoit-Cattin, P. see Gleizes, A. 1-6381
- Bensabel, D. see Magna, N. 1-12576
- Bensabel, D. see Pautrat, J.L. 1-12067
- Bensari-Zizi, N., Alalmich, C. Study of the ν_{1-3} infrared hot band of CH_2Cl_2 1-51196
- Bensch, F. see Jasick, H. 1-41152
- Benseman, R.F. see Western, B.E. 1-17155
- Bensingier, J. see Chung, S.U. 1-14423, 1-41006, 1-45362
- Benson, D.K., Bohn, M.S., Kowalik, J., Jayadev, T.S. Thermoelectric OTEC—an update 1-48903
- Benson, D.K. see Bohn, M.S. 1-21893
- Benson, G. see Rifkin, W. 1-53654
- Benson, G. see Sherman, A. 1-44939
- Benson, J.M. see Cox, J.D. 1-22820
- Benson, J.P. see Crooker, T.W. 1-3902
- Benson, J.W. see Emmons, A.L. 1-33336
- Benson, P.J., Myers, P.C. Detection of HC_2N in four dark clouds 1-49773
- Benson, R.C., Bowen, R.E., Dengel, O.H. Initiation of $\text{NF}_3\text{-H}_2$ chemical reactions via CO_2 laser irradiation of NF_3BF_4 1-19146
- Benson, R.C. see Barger, C.B. 1-35418
- Benson, R.F., Calvert, W., Klump, D.M. Simultaneous wave and particle observations in the auroral kilometric radiation source region 1-36112
- Benson, S.A., Severson, A.L., Beckering, W. Application of energy-dispersive X-ray fluorescence spectrometry to the analysis of low-rank coal ashes 1-50289
- Benson, S.V. see Gollub, J.P. 1-11395
- Benson, S.W. see Murad, E. 1-40178
- Benson, T. see Gurnick, M. 1-37240
- Benson, T.M., Murotani, T., Houston, P.A., Robson, P.N. Photoelastic optical directional couplers in epitaxial GaAs layers 1-51639
- Bensoussan, M., Moison, J.M., Stoess, B., Sebenne, C. Photoemission yield under two-quanta excitation in Si 1-39218
- Bent, R.D. see Sjoreen, T.P. 1-23633
- Bente, P.F., Jr. An overview of bio-energy projects in the United States 1-13114
- Bentini, G.G., Cohen, C., Desalvo, A., Drigo, A.V. Laser annealing of damaged silicon covered with a metal film: test for epitaxial growth from the melt 1-35125
- Bentley, J. Effect of potential wells on rotational rainbow structure 1-24229
- Bentley, P.D. The modern cryopump 1-274
- Bentley, R.E., Jones, T.P. Inhomogeneities in type S thermocouples when used to 1064°C 1-7594
- Bentley, R.K. see Glad, D.S. 1-36737
- Bentley, R.K. see Merriam, J.D. 1-5394
- Bentley, W.H. see Aryaeinejad, R. 1-36925
- Bentley, W.H. see Morgan, C.B. 1-50509
- Bentolila, C. see Cayrel de Strobel, G. 1-49648
- Benton, E.V. see Fabrikant, J.I. 1-43987
- Benton, E.V. see Henshaw, D.L. 1-51046
- Benton, E.V. see Hildebrand, D. 1-10598
- Benton, J.R., Corbett, F., Tuft, R. The Engineer Topographic Laboratories (ETL) hybrid optical/digital image processor 1-24365
- Benton, S. Ten years of white-light holography 1-41647
- Bentosa, S.A. Holographic displays. 1975-1980 1-6519
- Bentosa, S.A., Mingace, H.S., Jr., Walter, W.R. One-step white-light transmission holography 1-15107
- Beitrop, F.-W. Electrogenic membrane transport in plants. A review 1-21997
- Beitse, P. Height variation of wind shear deduced from ionospheric sporadic E during stratospheric warmings 1-40238
- Bentsen, L.D. see Powell, B.R., Jr. 1-25469
- Bentwood, R.M., Barnes, A.J., Orville-Thomas, W.J. Studies of intermolecular interactions by matrix isolation vibrational spectroscopy. Self-association of water 1-51199
- Benty, G. see Valle, R. 1-392
- Bentz, B.L., Harrison, W. Negative ions of sputtered cathode species in a glow discharge 1-38167
- Bentzen, J.J., Nicholson, P.S. The preparation and characterization of dense, highly conductive $\text{Na}_2\text{GdSi}_2\text{O}_7$ nasicon (NGS) 1-31394
- Benveniste, Y. see Aboudi, J. 1-19584
- Benvenuti, A. see Heagy, S.M. 1-50433
- Benvenuti, P. see D'Odorico, S. 1-27584
- Benyukh, V.V., Kruchinenko, V.G., Sherbaum, L.M. Results of photographic observations of meteors in Kiev for 1957-1966. 1. Main equations 1-49579
- Benz, A.O. Electron trapping in the solar magnetic field and emission of decimetric continuum radio bursts 1-27435
- Benz, A.O., Wentzel, D.G. Coronal evolution and solar type I radio bursts: an ion-acoustic wave model 1-44521
- Benz, A.O. see Trotter, G. 1-36243
- Benz, K.W., Renz, H., Weidlein, J., Pilkuhn, M.H. The use of a metalorganic compound for the growth of InP-epitaxial layers 1-48269
- Benz, K.W. see Hildebrand, O. 1-47737, 1-52572
- Benz, R. see Cronenberg, A.W. 1-14674
- Benz, W., Mayor, M. A new method for determining the rotation of late spectral type stars 1-36191
- Benz Klaus-Werner see Klaus-Werner Benz
- Benzeggagh, M. see de Charentenay, F.X. 1-48640
- Benzel, M.A., Dykstra, C.E., Vincent, M.A. A molecular orbital comparison of the asymmetric and symmetric nitric oxide dimers 1-45806
- Benzi, R., Vitalize, M., Vulpiani, A. Energy dissipation and Kolmogorov law in turbulent flows 1-6846
- Benzi, R., Vulpiani, A. Small-scale intermittency of turbulent flows 1-1920
- Benzl, V. see Azzoni, P. 1-777
- Benziger, J. see Madix, R.J. 1-13039
- Benziger, J.B. Thermodynamics of adsorption of diatomic molecules on transition metal surfaces 1-30544
- Benzohra, M. see Bielle-Daspert, D. 1-13138
- Beorchia, A. see Laberrigue, A. 1-50280
- Bera, R.K. see Das, J.N. 1-46129
- Beran, M.J. Field fluctuations in a two-phase random medium 1-5119
- Beranek, M. see Sekbova, J. 1-11958, 1-48326
- Beranek, W.J., Bruinsma, A.J.A. Holographic interferometry for brittle materials 1-15103
- Beranek, W.J., Bruinsma, A.J.A. A geometrical approach to holographic interferometry 1-37435
- Beranger, G., Coddet, C. Oxidation of metals at high temperature: role of internal stresses 1-53343
- Beranger, G. see Ducrocq, C. 1-21635
- Barar, J.F., Calvarin, G., Chevreul, J., Gramond, M., Weigel, D. Design of a high-accuracy goniometer for X-ray powder diffractometry at controlled temperature 1-28146
- Barard, M. see Allain, C. 1-11923
- Berardo, P.A. see Kelsey, C.A. 1-8993
- Beraud, R., Charvet, A., Duffait, R., Meyer, M., Genevey, J., Treherne, J., Genoux-Lubain, A., Beck, F., Byrski, T. High spin states of the odd-odd ^{144}Nd nucleus 1-45401
- Beraud, R. see Elias, N. 1-18548, 1-28365
- Berbash, N.V. see Akishin, A.I. 1-26123
- Berbiers, J. see Basile, M. 1-10188
- Berchielli, A.S. see Puglisi, V.J. 1-53589
- Berchiesi, G. see Vitali, G. 1-47172
- Berchiesi, M.A. see Vitali, G. 1-47172
- Berchten, N. see Rudin, M. 1-38976
- Bericik, C. see Havranek, A. 1-53228
- Berckmans, A., Dramais, A., Thys-Clement, F. The macroeconomic energy model EURECA 1-39711
- Bercovier, M. Approximation of Bingham's variational inequalities by a penalty function for the incompressibility constraint 1-46719
- Bercovier, M., Engelman, M., Borman, J. Numerical simulation of non-Newtonian blood flow models by a finite element method 1-8894
- Bercovier, M. see Bardos, C. 1-2002
- Berdahl, C.M. Downhole pressure sensor 1-40226
- Berdaliev, Ye. see Abdullakova, K.N. 1-22364
- Berdichenko, M.M. see Vozmilova, L.N. 1-39484
- Berdichevskii, G.V. see Lavrent'ev, Yu.G. 1-21803
- Berdichevskii, V.I. Variational-asymptotic method of constructing the nonlinear shell theory 1-6765
- Berdichevskii, V.I. Variational-asymptotic method of constructing a theory of shells 1-37791
- Berdichevskii, M. About the latest results of magnetotellurics 1-17560
- Berdikov, V.F., Pushkarev, O.I. Elastic strain within the system specimen-device when testing with automatic recording of the indentation diagram 1-16999
- Berdine, G.G. see Slutsky, A.S. 1-26930
- Berditshevskii, M. About the latest results of magnetotellurics. II 1-40059
- Berdnik, A.P. see Petrenko, V.T. 1-3086
- Berdnik, A.P. see Sverdlow, V.Ya. 1-38877
- Berdnik, O.P. see Azhazha, V.M. 1-31352
- Berecner, Yu.S. see Grazhdankina, N.P. 1-30942
- Beregi, E., Statis, Ya., Gal, Sh. Use of the DTG(M) method for measuring the Curie temperature of some magnetic oxide materials 1-7829
- Beregi, E., Sterk, E., Pal, E., Farkas-Jahnke, M. Crystal defects in flux grown lithium ferrite, LiFeO_3 single crystals 1-7101
- Beregovoi, N.A. see Babat, E.G. 1-49165
- Berenberg, V.A. see Balashov, I.F. 1-11006
- Berend, N., Skoog, C., Thurlbeck, W.M. Pressure-volume characteristics of excised human lungs: effects of sex, age, and emphysema 1-22034
- Berends, F.A., Kleiss, R. Distributions in the process $e^+e^- \rightarrow \mu^+\mu^- (\gamma)$ 1-33170
- Berends, F.A., Kleiss, R. Initial state radiation for e^+e^- annihilation into jets 1-50444
- Berendson, J., Wranglen, G. Magnesium sulphide as the cause of the higher corrosibility of nodular cast iron as compared to grey cast iron 1-43572
- Berengier, M., Roue, A. Radiation impedance of one or several real sources mounted in hard-walled rectangular waveguide 1-11219
- Berens, A.R. Gravimetric and volumetric study of the sorption of gases and vapors in poly(vinyl chloride) powders 1-30567
- Berenshtein, G.V. see Dyachenko, A.M. 1-52213
- Berenson, R., Birman, J.L. Invariants and Molien functions for magnetic groups 1-7120
- Berentzen, F., Gruters, W. Comments on comparison methods for measuring the grain-size in steels 1-8518
- Berenyi, D. see Kover, A. 1-10818
- Bereri, A., Bizio, A., Bosio, L., Cortes, R., Deffrain, A., Segaud, C. X-ray diffraction study on liquid and non crystalline solid gallium, bismuth and mercury 1-30034
- Beres-Deak, L. Characterisation of transient liquid flow taking place in pipelines 1-42088
- Beresnev, S.A., Chernyak, V.G., Suetin, P.E. Thermodiffusiophoresis of fine aerosol particles with phase transitions on the particle surface 1-53479
- Beresford-Smith, G., Mason, I.M. A parametric approach to the compression of seismic signals by frequency transformation 1-27261
- Beresnev, V.K., Katruk, Yu.M., Rogachevskii, B.M., Shchetinin, Yu.I., Yunoshv, S.P. Microprocessor system of operational data processing for geophysical experiments 1-49401
- Beresneva, L.A., Devyatova, S.F., Vasilyeva, L.L. Polycrystalline films of vanadium oxides of controllable composition 1-34601
- Beresovski, T. UNESCO's solar energy activities in developing countries 1-39749
- Berestenko, V.I. see Troitski, V.N. 1-48714
- Berestevich, B.K. see Agre, V.M. 1-25251
- Berestov, A.T., Kiselev, S.B. Possibility of joining together the scaled equation of state and the virial expansion 1-16013
- Berestovskii, G.N. see Luk'Yanenko, A.I. 1-35756
- Bereza, V.P., Ovchinnikova, T.A., Turkovskii, V.Yu. Thermal component for growing silicon ribbons 1-53079
- Berezhetskaya, N.K., Dorofeyuk, A.A. Compact, five-channel, electrostatic analyzer of electron energy spectra 1-383
- Berezhiani, V.I., Tsintsadze, N.L., Tskhakaya, D.D. Nonlinear phenomena in plasma with relativistic high-frequency electron motion 1-6945
- Berezhinskii, L.I. see Artamonov, V.V. 1-52514
- Berezhko, E.G. Effect of the proton polarization on the angular distribution of light emitted by hydrogen atoms 1-24077
- Berezhko, E.G. see Balashov, V.V. 1-33568
- Berezhkova, G.V. see Aronova, A.M. 1-21458
- Berezhnev, S.F. see Alizade, V.V. 1-45289
- Berezhnitskii, L.T. see Delyavskii, M.V. 1-33932
- Berezhnoi, Ya.A., Pilipenko, V.V. Diffraction model of charge-exchange reactions 1-709
- Berezhnov, V.V., Evitkhiev, N.N., Pobrazhen-skii, V.L., Ekonomov, N.A. Nonresonant interaction of acoustic waves and correlation processing of information in antiferromagnets 1-19491
- Berezina, A.A. Radiative tunnel transitions in the hopping conduction in doped semiconductors in a strong electric field 1-20723
- Berezina, A.A., Weichman, F.L. Photovaltaic effect in cuprous oxide-copper junctions in relation to the optical absorption spectrum of cuprous oxide 1-43767
- Berezina, A.G., Levitin, R.Z. Effect of a strong magnetic field on spin-reorientation transition in DyCo_3 1-7877
- Berezin, B.D. see Karavacva, E.B. 1-51217
- Berezin, F.A., Tolstoy, V.N. The group with Grassmann structure $\text{UOSP}(1,2)$ 1-33130
- Berezin, F.N. see Bulkin, V.S. 1-45514
- Berezin, F.N., Sivayakov, I.N. Choice of conditions for photography taking into account a posteriori the processing of photographic images 1-23349
- Berezin, V.M., Bogdanov, E.T., Vishnevskii, M.E., Vlasova, M.O., Galanina, N.D., Gedvilio, E.T., Dobrovol'skaya, N.P., Lipkin, A.M., Markizov, V.N., Memelov, V.V., Murysov, V.A., Ostapchuk, A.Ya., Pavlovskii, F.A., Stadyuk, V.A., Semenov, Yu.A., Tarkovskii, E.I., Khaldeeva, N.A., Chistilin, V.I. Wire spark chamber with additional electrode 1-37057
- Berezin, V.T. The diffusion-induced difference between the world line parameters and the intrinsic time of mixture elements 1-27778
- Berezin, Yu.D. see Muratov, V.R. 1-53821
- Berezina, A.L., Chustov, K.V. Singularities of the two-stage treatment of ageing alloys with coherent phase precipitates 1-3791
- Berezina, I.E. see Egorov, L.P. 1-31331
- Berezina, S.I., Kuznetsov, V.A. Excitation and reception of surface acoustic waves with the lens of an acoustic microscope 1-33863

- Berezina, S.I., Kuznetsov, V.A., Lyamov, V.E. Measurement of the acoustical properties of microscopic objects by means of an acoustic microscope 1-3747
- Berezina, T.A. see Efremov, V.A. 1-2416
- Berezinski, V.L., Gor'kov, L.P., Dorokhov, O.N. The plateau regime of the AC conductivity in the disordered 1d conductors 1-42755
- Berezinski, V.S., Gazizov, A.Z. Neutrino scattering off an electron at energy above the W-boson production threshold 1-40983
- Berezinski, V.S., Ginzburg, V.L. On high-energy neutrino radiation of quasars and active galactic nuclei 1-36431
- Berezinski, V.S., Smirnov, A.Yu. Practically stable proton in the SU(5) model 1-18422
- Bereznyak, N.G., Sheinina, A.A. Experimental solidus curves of hydrogen isotopes (eH_2 , nH_2 , eD_2) 1-20359
- Berezovets, V.A., Galetskaya, A.D., Ivanov, Yu.L., Seisyan, E.L., Tkachenko, A.Yu., Farshteyn, I.I. Investigation of surface states in tellurium metal-oxide-semiconductor structures 1-34767
- Berezovskii, E.L., Kislyakov, A.I., Petrov, S.Ya., Roslyakov, G.V. Measurement of ion temperature in a hot plasma by scattering of fast atoms 1-38052
- Berezovskii, V.R. see Barkhudarov, E.M. 1-33636
- Berezutskii, N.N. see Novikova, I.G. 1-34351
- Berezuk, A.S. see Khidiyatov, A.M. 1-31979
- Berg, A.M. van den see van den Berg, A.M.
- Berg, B. Plaquelette-plaquelette correlations in the SU(2) lattice gauge theory 1-18378
- Berg, B. Recent results on the instanton approximation 1-28210
- Berg, B. S matrix theory of the massive Thirring model 1-36817
- Berg, B., Stehr, J. Comments on the computation of quantum fluctuations of gluons in a multi-instanton background 1-10075
- Berg, B. van den see van den Berg, B.
- Berg, B.A. Quantum fluctuations in a multianton background 1-28192
- Berg, C.J. see Schattner, M.L. 1-40547
- Berg, D., Chandiee, C., Cihangir, S., Ferbel, T., Huston, J., Jensen, T., Lobkowicz, F., Nelson, C.A., Jr., Ohshima, T., Slattery, P., Thompson, P., Biel, J., Droegge, T., Jonckheere, A., Koehler, P.J., Heppelmann, S., Joyce, T., Makdisi, Y., Marshak, M., Peterson, E., Tuddick, K., Walsh, T. Radiative decay of the K^0 (890) 1-28320
- Berg, D. see Collic, B. 1-45290
- Berg, D. see Jonckheere, A. 1-51013
- Berg, E., Carter, J.A. Distant corrections for single- and dual-color lasers by ray tracing 1-27298
- Berg, G., Schmidt, R., Frohlich, F. Monte Carlo simulation for calculating incubation times during aggregation of divalent metal impurities in alkali halide crystals 1-20256
- Berg, G., Schmidt, R., Frohlich, F. Random motion of IV-dipoles in alkali halide crystals forming stable aggregates 1-30273
- Berg, G. see Grau, P. 1-7245
- Berg, G.P.A. see Bernas, M. 1-14538
- Berg, G.P.A. see Kohler, M. 1-10590
- Berg, H. see Kirchschlager, B. 1-47988
- Berg, J.D. see Krupar, J.J. 1-50875
- Berg, J.-E. see Wadsten, T. 1-11726
- Berg, J.F.M. van den see van den Berg, J.F.M.
- Berg, J. Van Den see Van Den Berg, J.
- Berg, K.C. de see Berg, K.C.
- Berg, K.-J., Frohlich, F. A new method of controlled doping of alkali halide crystals with Pb ions 1-7186
- Berg, M. van den see van den Berg, M.
- Berg, M.S. Van den see Van Den Berg, M.S.
- Berg, N.A. see Kisil, Yu.K. 1-39599
- Berg, N.A. see Masalovich, V.M. 1-35514
- Berg, N.J., Casseday, M.W., Abramovitz, I.J., Lee, J.N. Surface wave acousto-optic signal processing: potential and limitations 1-24362
- Berg, P.J. van den see van den Berg, P.J.
- Berg, P.M. van den see van den Berg, P.M.
- Berg, R.S. see Walstedt, R.E. 1-52344
- Berg, R.W., Adams, D.M. Low-temperature vibrational spectra of CIS-dichloro-(meso-2,3-diaminobutane)palladium(II) and platinum(II) 1-48071
- Berg, R.W. see Papatheodorou, G.N. 1-14950
- Berg, S. Environmental and structural instrumentation of platforms on the Norwegian Continental Shelf 1-27964
- Berg, S. see Grussell, E. 1-30820
- Berg, S. see Norstrom, H. 1-39238
- Berg, T. van den see van den Berg, T.
- Berg, T.J.T.P. Van Den see Van Den Berg, T.J.T.P.
- Berg, V. The new Orsay on-line separator ISOCELE and the beginning of its exploitation for nuclear research 1-10580
- Berg, V. see Abreu, M.C. 1-23598
- Berg, V. see Ben Brakham, A. 1-660
- Berg, V. see Schuck, C. 1-10351
- Berg, W.W., Crutzen, P.J., Grahek, F.E., Gitlin, S.N., Sedlacek, W.A. First measurements of total chlorine and bromine in the lower stratosphere 1-36031
- Bergamasco, L., Alessio, S. Theoretical and experimental power spectra of neutron monitor time series in 1978 1-4721
- Bergamasco, L., Osborne, A.R., Alessio, S., Cini, G. Rigidity dependence of cosmic ray scintillations in the 50- to 300-GV range 1-4729
- Bergamin, G. see Cavalieri, L. 1-4590
- Bergamini, R. see Balbinot, R. 1-36325
- Bergamini, R. see Vettolani, G. 1-4977
- Bergander, H. Plastic deformation law in differential standard formulation 1-41960
- Berge, G.L. see Komisaroff, M.M. 1-27418
- Berge, J.P., Bogert, D.V., Endorf, R.J., Hanft, R., Malkin, J.A., Neizick, F.A., Lynch, G.T., Marrino, J.P., Stevenson, M.L., Cence, R.J., Harris, A.J., Jones, M., Peters, M.W., Peterson, V.Z., Stenger, V.J., Wyatt, N., Bell, J., Coffin, C.T., Diamond, R.N., Louis, W.C., Roe, B.P., Ross, R.T., Seidl, A.A., Wang, E. Inclusive production of nonstrange resonances in high-energy νp charged-current interactions 1-340
- Berge, J.P. see Ammosov, V.V. 1-40980
- Berge, J.P. see Efremov, V.I. 1-33173
- Berge, J.P. see Hays, P.J. 1-45371
- Berge, P. see Dubois, M. 1-51769
- Berge, Ph. see Da Cunha Belo, M. 1-39529
- Bergeat, J., Van't Veer, F., Lunel, M., Garnier, R., Sibille, F., Roux, S. Infrared light curves of the contact binary 44 i Bootis 1-44590
- Bergeat, J., van't Veer, F., Lunel, M., Garnier, R., Sibille, F., Roux, S. Infrared light curves of the contact binary 44 i Bootis 1-54551
- Bergeman, T., Erman, P., Haratym, Z., Larsson, M. Experimental and theoretical studies of OD $A^2\Sigma^+$ state lifetimes and predissociations 1-46029
- Bergeman, T., Erman, P., Larsson, M. Radiative properties of the $B^2\Sigma^+$ and $C^2\Sigma^+$ states in OH and OD 1-29040
- Bergeman, T. see Raab, F. 1-5410
- Bergen, A.R.D. Van see Van Bergen, A.R.D.
- Bergene, R. see Mingos, A. 1-21052, 1-48958
- Berger, A. The Milankovitch astronomical theory of paleoclimates: a modern review 1-9241
- Berger, A.E. see Herzfeld, J. 1-28998
- Berger, C. Electrostatics of rotationally cylindrical systems where the potential on certain parts of the boundary is a second order polynomial with respect to the axis 1-51337
- Berger, C., Barlier, F. Response of the equatorial thermosphere to magnetic activity analysed with accelerometer total density data. Asymmetrical structure 1-49435
- Berger, C., Genzel, H., Grigull, R., Lackas, W., Raupach, F., Klovning, A., Lillestøl, E., Lillethun, E., Skard, J.A., Ackermann, H., Alexander, G., Barreiro, F., Burger, J., Criegee, L., Dehne, H.C., Devenish, R., Eskreys, A., Flugge, G., Franke, G., Gabriel, W., Gerke, C., Knies, G., Lehmann, E., Mertens, H.D., Michelson, U., Pape, K.H., Reich, H.D., Scarr, M., Stella, B., Ranga Swamy, T.N., Timm, U., Wagner, W., Waloschek, P., Winter, G.G., Zimmermann, W., Achterberg, O., Blobel, V., Boesten, L., Hepp, V., Kapitzka, H., Koppitz, B., Lewendel, B., Luhrsens, W., van Staa, R., Spitzer, H., Chang, C.Y., Glasser, R.G., Kellogg, R.G., Lau, K.H., Polvado, R.O., Sechi-Zorn, B., Skuja, A., Welch, G., Zorn, G.T., Backer, A., Barreiro, F., Brandt, S., Derikum, K., Grupe, C., Meyer, H.J., Neumann, B., Rost, M., Zech, G., Daum, H.J., Meyer, H., Meyer, O., Rossler, M., Schmidt, D. Inelastic electron photon scattering at moderate four-momentum transfers 1-45255
- Berger, C., Genzel, H., Grigull, R., Lackas, W., Raupach, F., Klovning, A., Lillestøl, E., Lillethun, E., Skard, J.A., Ackermann, H., Alexander, G., Barreiro, F., Burger, J., Criegee, L., Dehne, H.C., Devenish, R., Eskreys, A., Flugge, G., Franke, G., Gabriel, W., Gerke, C., Knies, G., Lehmann, E., Mertens, H.D., Michelson, U., Pape, K.H., Reich, H.D., Scarr, M., Stella, B., Ranga Swamy, T.N., Timm, U., Wagner, W., Waloschek, P., Winter, G.G., Zimmermann, W., Achterberg, O., Blobel, V., Boesten, L., Hepp, V., Kapitzka, H., Koppitz, B., Lewendel, B., Luhrsens, W., van Staa, R., Spitzer, H., Chang, C.Y., Glasser, R.G., Kellogg, R.G., Lau, K.H., Polvado, R.O., Sechi-Zorn, B., Skuja, A., Welch, G., Zorn, G.T., Backer, A., Barreiro, F., Brandt, S., Derikum, K., Grupe, C., Meyer, H.J., Neumann, B., Rost, M., Zech, G., Daum, H.J., Meyer, H., Meyer, O., Rossler, M., Schmidt, D. Energy-energy correlations in e^+e^- annihilation into hadrons 1-45331
- Berger, C., Genzel, H., Grigull, R., Lackas, W., Raupach, F., Klovning, A., Lillestøl, E., Lillethun, E., Skard, J.A., Ackermann, H., Burger, J., Criegee, L., Dehne, H.C., Eskreys, A., Flugge, G., Franke, G., Gabriel, W., Gerke, C., Knies, G., Lehmann, E., Mertens, H.D., Michelson, U., Pape, K.H., Reich, H.D., Scarr, M., Stella, B., Ranga Swamy, T.N., Timm, U., Wagner, W., Waloschek, P., Winter, G.G., Zimmermann, W., Achterberg, O., Blobel, V., Boesten, L., Hepp, V., Kapitzka, H., Koppitz, B., Lewendel, B., Luhrsens, W., van Staa, R., Spitzer, H., Chang, C.Y., Glasser, R.G., Kellogg, R.G., Lau, K.H., Polvado, R.O., Sechi-Zorn, B., Skuja, A., Welch, G., Zorn, G.T., Backer, A., Barreiro, F., Brandt, S., Derikum, K., Grupe, C., Meyer, H.J., Neumann, B., Rost, M., Zech, G., Daum, H.J., Meyer, H., Meyer, O., Rossler, M., Schmidt, D. Lepton pair production and search for a new heavy lepton in e^+e^- annihilation 1-50412
- Berger, D. see Gruber, R. 1-51934

- Berger, D.N., Knox, C.A., Siemens, D.H. Design and installation of a lab-scale system for radioactive waste treatment 1-23823
- Berger, E.H. The performance of hearing protectors in industrial noise environments 1-27008
- Berger, E.H. Hearing protector performance: how they work and what goes wrong in the real world 1-44029
- Berger, E.L., Gottschalk, T., Sivers, D. Higher-twist term in inclusive pion production at large transverse momentum 1-45213
- Berger, G. Theoretical inception time of the first corona in atmospheric air 1-20020
- Berger, G., Hahn, R. Collisional detachment lifetime measurements of negative ions in atmospheric air from the statistical time-lag distribution of an electrical discharge 1-15731
- Berger, G.W., York, D. Reinterpretation of the North American apparent polar wander curve for the interval 800-1500 Ma 1-40050
- Berger, H., Aboumjad, A. Expression of hexafluorides centrifugal distortion constants versus harmonic frequencies. Determination of some cubic constants 1-37365
- Berger, H. *see* Daweritz, L. 1-11964
- Berger, J. *see* Bizard, G. 1-5784
- Berger, J. *see* Wyatt, F. 1-13597
- Berger, J.D. *see* Krupar, J.J. 1-50875
- Berger, J.D. *see* Taylor, D.S. 1-50876
- Berger, J.F., Girod, M. Calculation of potential energy surfaces by the Hartree-Fock-Bogolyubov method 1-50684
- Berger, K. Lightning surges 1-54229
- Berger, L., Bergmann, G. The Hall effect of ferromagnets 1-34686
- Berger, M., Israeli, M., Wolfshtein, M. Numerical solution of transitional boundary layers 1-51766
- Berger, M.S., Fraenkel, L.E. Nonlinear desingularization in certain free-boundary problems 1-5109
- Berger, P., Johnson, A.M. First-order analysis of deformation of a thrust sheet moving over a ramp 1-49243
- Berger, P.A. *see* Roth, W.T. 1-26909
- Berger, R., Vignaud, G., Lévassour, A. ESR of X-ray irradiated lithium borates 1-21047
- Berger, R. *see* Diaz, R. 1-22159
- Berger, R.L. *see* Balko, B. 1-50134
- Berger, R.L. *see* Boyer, J.P. 1-43431
- Berger, R.L. *see* Spieziale, T. 1-34052
- Berger, S.K. *see* Spencer, J.N. 1-10724
- Berger, W.A., Kreuzer, K.G., Miller, H.G. An algorithm for obtaining an optimized projected Hamiltonian and its groundstate 1-19010
- Berger, W.A. *see* Kreuzer, K.G. 1-44779, 1-44784
- Berger, W.H. *see* Vincent, E. 1-49289
- Bergere, M.C. Asymptotic behaviour of Feynman integrals 1-36813
- Bergerioux, C., Rapin, F., Haerdi, W. Lead-210 geochronology in marine and lacustrine sediments using high resolution low energy photon spectrometry 1-35973
- Bergeron, P.A., Chapman, J.R., Turnage, J.C., Husain, A., Szymczak, W.J. Post-TMI analysis at Yankee Atomic Electric Company 1-28668
- Bergeron, P.A., Husain, A., Slifer, B.C. Thermal-hydraulic analysis capability at Yankee Atomic Electric Company 1-50883
- Bergersen, B., Tosatti, E. Collective excitations of a model intercalate with inequivalent conducting layers 1-47521
- Bergersen, B. *see* Friesen, W.I. 1-34640
- Bergersen, B. *see* Liu, K.L. 1-47420
- Bergersen, B. *see* Modrak, P. 1-30665
- Bergersen, R. *see* Hunderi, O. 1-35426
- Bergevin, B. *see* Larsen, J.M. 1-34099
- Bergevin, F. *see* De Bergevin, F.
- Bergevin, F., Sernelius, B.E. Electron states in heavily doped semiconductors 1-47563
- Berggren, K.-F. *see* Engstrom, L. 1-30659
- Berggren, K.-F. *see* Franzen, N.-I. 1-42973
- Berggren, K.-F. *see* Johansson, L.I. 1-12633
- Berggren, K.-F. *see* Sernelius, B.E. 1-7691, 1-42717
- Berggren, M.J. *see* Fincke, J.R. 1-11482
- Berggren, M.J. *see* Johnson, S.A. 1-14677
- Berggren, W.A., Burckle, L.H., Cita, M.B., Cooke, H.B.S., Funnell, B.M., Gartner, S., Hays, J.D., Kennett, J.P., Opdyke, N.D., Pastouret, L., Shackleton, N.J., Takayanagi, Y. Towards a Quaternary time scale 1-17571
- Bergh, A.A., Copeland, J.A. Optical sources for fiber transmission systems 1-11167
- Bergh, C. *see* De Bergh, C.
- Bergh, C. *see* De Bergh, C.
- Bergh, H. *van den* *see* van den Bergh, H.
- Bergh, H.W., Barrett, D.M. Agulhas Basin magnetic bight 1-9081
- Bergh, N. *van den* *see* van den Bergh, N.
- Bergh, N. *van den* *see* van den Bergh, N.
- Bergh, R.A., Lefevre, H.C., Shaw, H.J. Single-mode fiber-optic polarizer 1-11107
- Bergh, S. *van den* *see* van den Bergh, S.
- Bergh, S. *van den* *see* van den Bergh, S.
- Bergh, C.S. *van den* *see* van den Bergh, C.S.
- Bergh, E.V. *van den* *see* van den Bergh, E.V.
- Berghe, G.V., De Meyer, H.E. Shift operator techniques for the classification of multipole-phonon states. VI. Properties of nonscalar R(3) product operators in the R(2λ+1) groups 1-9866
- Berghe, G.V. *see* De Meyer, H.E. 1-9867
- Berghe, G. *van den* *see* Vanden Berghe, G.
- Berghmans, H. *see* Groeninckx, G. 1-16024
- Berghmans, J., Dupon, L. Interfacial instability of the vapor film formed on vertical surfaces during film boiling 1-34553
- Berghmans, J. *see* Dutre, W.L. 1-17272, 1-17274
- Bergboff, G. *see* Barber, D.P. 1-534, 1-28309
- Bergbohl, R.F. Natural convection of a heat generating fluid in a closed cavity 1-24791
- Bergia, S., Cannata, F., Cornia, A., Livi, R. On the actual measurability of the density matrix of a decaying system by means of measurements on the decay products 1-18057
- Bergier, A., Gennow, H., Nilsson, S., Norrby, J., Evans, W., Fry, J.R., Mason, P., Muirhead, H., Fenker, H., Maraffino, J., Reucroft, S., Roos, C., Webster, M.S. Charged-particle multiplicity distributions in 100-GeV/c p-d and π⁺-d interactions 1-10275
- Bergin, D.O. Shaped crystal growth—a selected bibliography 1-33
- Bergles, A.E. *see* Joshi, S.D. 1-37916
- Berglund, A., Buran, T., Carlson, P.J., Damerell, C.J.S., Endo, I., Gillman, A.R., Gracco, V., Homer, R.J., Hotchkiss, M.J., Lundby, A., Macri, M., Ratcliff, B.N., Santroni, A., Tso, T., Wickens, F., Wilson, J.A. K⁺ p and pp elastic scattering at 10.1 GeV/c 1-36881
- Berglund, A. *see* Däum, C. 1-14424
- Berglund, B., Vaughan, R.W. Correlations between proton chemical shift tensors, deuterium quadrupole couplings, and bond distances for hydrogen bonds in solids 1-3276
- Berglund, G. *see* Wikstrand, J. 1-22158
- Berglund, K. *see* Rylander, R. 1-6713
- Bergman, C., Chastel, R., Gilbert, M., Castanet, R., Mathieu, J.C. Short-range order and thermodynamic behaviour of Pd-Si melts 1-30046
- Bergman, D.J., Stroud, D. Theory of resonances in the electromagnetic scattering by macroscopic bodies 1-19246
- Bergman, D.J. *see* Ben-Mizrahi, A. 1-47597
- Bergman, E.A., Solomon, S.C. Oceanic intraplate earthquakes: implications for local and regional intraplate stress 1-22253
- Bergman, E.A. *see* Solomon, S.C. 1-27129
- Bergman, G.P.M., Clement, S.L. A range of equipment for dental radiography 1-17484
- Bergman, J.G., Chemla, D.S., Liao, P.F., Glass, A.M., Pinczuk, A., Hart, R.M., Olson, D.H. Relationship between surface-enhanced Raman scattering and the dielectric properties of aggregated silver films 1-39169
- Bergman, J.G. *see* Heritage, J.P. 1-26200
- Bergman, L.A. *see* Eng, S.T. 1-11001
- Bergman, M.K. *see* Chen, K. 1-53706
- Bergman, R. *see* Sundelof, L.-O. 1-36727
- Bergmanis, K.A., Ozols, K.D. Calculation of electronic transducer mathematical model for the control of cylindrical dielectrics 1-48018
- Bergmann, A. *see* Sinivani, M. 1-34674
- Bergmann, E. *see* Tenne, R. 1-2815
- Bergmann, G. *see* Bergh, L. 1-34686
- Bergmann, G. *see* Dietrich, W. 1-16499
- Bergmann, H. New applications of the Hall effect 1-20774
- Bergmann, H. Thermal radiation is made visible 1-23311
- Bergmann, H. Optical data storage 1-29226
- Bergmann, H.W., Mordike, B.L. Structure of laser melted steel surfaces 1-8491
- Bergmann, H.W. *see* Humbert, M. 1-29946
- Bergmann, K. Resolution of collision-induced rotation processes by laser 1-10815
- Bergmann, K., Heftner, U., Matheus, A., Witt, J. Resolution of angular rotational rainbows in Na₂+Ne, Ar collisions 1-41461
- Bergmann, P.G., Komar, A. The phase space formulation of general relativity and approaches toward its canonical quantization 1-18095
- Bergmann, P.G., De Sabbata, V. (editor) Cosmology and Gravitation. Spin, Torsion, Rotation, and Supergravity. Proceedings of the NATO Advanced Study Institute on Cosmology and Gravitation 1-44714
- Bergmann, R. *see* Reidy, J.J. 1-15043
- Bergmann, R. *see* von Egidy, T. 1-46175
- Bergmann, Ya. *see* Aarik, Ya. 1-24422, 1-25800
- Bergmark, W.R. *see* Jones, G. II 1-31872
- Bergmeister, F.J. *see* Panqueva, J. 1-28370
- Bergner, D., Klimanek, P., Scherke, R. Deformation-induced changes of the microstructure of two-phase stainless steel having microduplex structure 1-21556
- Bergner, H.W., Jr. *see* Herakovich, C.T. 1-8371
- Bergner, R.L. *see* Rothwarf, F. 1-25930
- Bergner, Yu.K., Krat, A.V., Morozova, S.M., Panchuk, V.K., Pogodin, M.A., Chuntovov, G.A. Water content and transparency of the daylight atmosphere in the region of the large astronomical telescope 1-9247
- Bergofsky, E.H. *see* Foster, W.M. 1-22026
- Bergou, J., Varro, S. Optically induced band structure of free electrons in an external plane wave field 1-6439
- Bergou, J., Varro, S., Fedorov, M.V. e-e scattering in the presence of an external field 1-15060
- Bergquist, J.C., Wineland, D.J. Laser to microwave frequency division using synchrotron radiation. II 1-24338
- Bergqvist, H.W. *see* Afzelius, R.W. 1-20002
- Bergqvist, I. *see* Palsson, B. 1-685
- Bergqvist, J. *see* Sipila, H. 1-14767
- Bergson, B.P. Use isokinetic methods for sampling and monitoring nuclear-plant stack effluent 1-50957
- Bergstrom, C. A planning model for acute energy shortages 1-35627
- Bergstrom, C. *see* Ablock, H. 1-39719
- Bergstrom, G., Forss, S., Stenman, F. A fast method for calibrating cosecant drive monochromators 1-33793
- Bergstrom, L., Fredriksson, S. The deuteron in high-energy physics 1-28389
- Bergstrom, M.R. *see* Baum, G. 1-28323
- Bergstrom, R., Satyshur, K., Sundaralingam, M. Structure of the flavone-3-monophosphate-magnesium complex 1-30209
- Bergstrom, R.W. *see* Cogley, A.C. 1-4762
- Bergstrom, T.H., Olafsen, K. Finite electron self-energy for sin²θ_W=3/4 1-28251
- Bergveld, P. *see* De Rooij, N.F. 1-7730
- Berhondo, P., Oddou, J. Effects of imperfect operation of heat-pump heating systems on consumption 1-39810
- Beri, A.C. *see* Lin, J. 1-3544
- Berillo, G.A. *see* Rudnitskaya, D.I. 1-9111
- Berim, G.O., Kessel, A.R., Shakirzyanov, M.M. Kinetics of the Ising magnet. III. The influence of the alternating field and non-equilibrium states of the reservoir of the dipole-dipole interactions upon the one-dimensional Ising model kinetics 1-52741
- Bering, E.A., Benbrook, J.R., Stansbery, E.G., Sheldon, W.R., Roeder, J.L. The results from the X-ray bremsstrahlung experiment of Project Trigger 1-17731
- Bering, E.A. *see* Holmgren, G. 1-17727
- Bering, E.A. *see* Roeder, J.L. 1-49440
- Berjoan, R., Coutures, J. Structural studies of the (La, Ca) C₂O₃ system at high temperature 1-47065
- Berkcan, E., Cooper, L.N., Mohanty, U. The Bethe ansatz, periodic boundary conditions and relations between various models 1-36581
- Berke, C., Kostrzewa, S. From the solar home to the solar tower 1-26822
- Berkeley, J.L., Taylor, G.J., Keil, K. The nature and origin of ureilites 1-40437
- Berkelman, K. *see* Bebek, C. 1-33191
- Berkelman, K. *see* Chadwick, K. 1-33192
- Berkelman, K. *see* Day, C.T. 1-45312
- Berker, A.N., Andelman, D., Aharony, A. First- and second-order phase transitions of infinite-state Potts models in one dimension 1-5261
- Berker, A.N., Kambe, N., Dresselhaus, G., Dresselhaus, M.S. Island growth and orientational locking of potassium intercalated in graphite 1-16788
- Berker, A.N. *see* Dresselhaus, M.S. 1-34329
- Berkey, F.T. Temporal fluctuations in the luminosity of diffuse aurora 1-40247
- Berkey, F.T., Silvestri, M.B., Parsons, N.R. Time sequence analysis of flickering auroras. I. Application of Fourier analysis 1-40248
- Berkeyheiser, J.E. *see* Pankove, J.I. 1-26251
- Berkeyheiser, V.E., Rao, P.V., Pothier, W.G., III. Temperature coefficient of the silica spring balance and estimation of errors in gravimetric adsorption measurements 1-50106
- Berkhout, A.J., Van Wulfften Palthe, D.W. Migration in the presence of noise 1-4442
- Berkhout, J.B.R. *see* Konijn, J. 1-50488
- Berkin, A.B., Zaitsev, V.I. Investigation of the basic relations of the evaporation, transfer and condensation processes for materials in HF induction discharge plasma flows 1-48273
- Berkley, D.A. *see* Gross, B. 1-7634
- Berkley, L.W., Gagnon, W.F., Hanson, W.F., Weaver, K.A., Shalek, R.J. A review of the discrepancy between the in-air and in-water calibration of cobalt-60 machines 1-8990
- Berkman, M.I. *see* Batkin, I.S. 1-10347
- Berkman, S. *see* Duffy, M.T. 1-3604
- Berkman, S. *see* Kim, K.M. 1-3601
- Berkner, K.H. *see* Hopkins, D.B. 1-10537
- Berkner, K.H. *see* Schneider, P.J. 1-43232
- Berkovich, L.M., The Gyliden-Mescherski problem and the laws of variation of mass 1-22670
- Berkovitch-Yellin, Z. *see* Ellis, D.E. 1-51108
- Berkowicz, R., Prahm, L.P. On the spectral turbulent diffusivity theory for homogeneous turbulence 1-1950
- Berkowicz, B.J., Miller, C. The effect of ordering on the hydrogen embrittlement susceptibility of Ni₂Cr 1-26619
- Berkowicz, B.J. *see* Raghavan, M. 1-12756

- Berkowitz, J., Batson, C.H., Goodman, G.L. Photoionization of lithium chloride vapors: the structure and stability of alkali halide molecules and ions 1-19143
- Berkowitz, M. see Brooks, C.L., III 1-26715
- Berkowski, M., Dabkowski, A., Fink-Finowicki, J., Lisowski, B., Pajczkowska, A., Piekarczyk, W., Sulich, P., Slawska-Waniewska, A. Producing methods for magnetic bubble storage thin film materials 1-8214
- Berkson, J.M. Measurements of coherence of sound reflected from ocean sediments 1-15312
- Berlad, G., Dar, A., Eilam, G. Quark-parton model of nuclear production 1-10226
- Berlende, J. see Mestdag, J.M. 1-24213
- Berlenga, J.M., Harbaugh, J.W. A computer procedure to analyze seismic data to estimate outcome probabilities in oil exploration, with an initial application in the Tabasco region of southeastern Mexico 1-49414
- Berlinger, M. see Borderie, B. 1-23703
- Berlec, F.J. see Arnold, G. 1-19356
- Berlepsch, H. Von see Von Berlepsch, H.
- Berlie, J. see Cooper, G.A. 1-17023
- Berlie, J. see Ryhming, I. 1-17022
- Berlin, A.B., Gol'nev, V.Ya., Korol'kov, D.V., Lovkova, I.M., Nizhel'skii, N.A., Spangenberg, E.E., Timofeeva, G.M., Bogod, V.M., Bolydrev, S.I., Ipatova, I.A., Yudaeva, N.A., Smirnov, A.F., Amirkhanyan, V.R., Kapustkin, A.A., Konnikova, V.K., Lasutkin, A.N., Larionov, M.G., Khromov, O.I., Arzamasova, N.I., Venger, A.P., Il'in, G.N., Prozorov, V.A., Ryzhkov, N.F., Dokuchaev, V.I., Mingaliev, M.G., Naugol'naya, M.N., Pariiskii, Yu.N., Soboleva, N.S., Trushkin, S.A., Sharipova, L.V., Yusupova, S.N., Gosachinskii, I.V. Instantaneous spectrum of 3C 84 by observations at 16 frequencies with the Ratan-600 1-17898
- Berlin, G.L., Schaber, G.G., Horstman, K.C. Possible fault detection in Cottonball Basin, California: an application of radar remote sensing 1-36079
- Berlin, S.L. see Crapo, R.O. 1-13270
- Berlin, Yu.A., Cordier, P., Delaire, J.A. Modified Smoluchowski equation and a unified theory of the diffusion-controlled recombination 1-26723
- Berlin, Yu.A., Kevdina, I.B., Shantarovich, V.P. Contribution of quantum effects to the mechanism of positronium reactions 1-43650
- Berliner, M.A., Spiridonov, V.I. Unified microwave moisture gauge 1-44876
- Berlinsky, A.J. Elementary scattering processes in a low temperature atomic hydrogen gas 1-1318
- Berlinsky, A.J., Kallin, C. Finite-temperature quantum renormalization-group theory for the one-dimensional anisotropic Heisenberg model 1-52789
- Berlinsky, A.J. see Hardy, W.N. 1-1151
- Berlinsky, A.J. see Morrow, M. 1-48734
- Berlinsky, A.J. see Nijman, A.J. 1-2353
- Berlinsky, A.J. see Statt, B.W. 1-29070
- Berlman, I.B., Ogdan, Y. A fast red-emitting plastic scintillator 1-28794
- Berlovich, E.E. Present state of the problem of transition-region nuclei 1-23552
- Berlyand, B.O., Burov, V.A., Stepanyan, N.N. The initial phase in the development of sunspot groups and sunspot forecasting 1-27450
- Berlyand, V.A., Generalova, V.V., Gurskii, M.N. Reference installation for calibrating dosimeters in electron-radiation fields with electron energies of 3-10 MeV 1-23860
- Berman, B.L., Faul, D.D., Meyer, P., Olson, D.L. Photoneutron cross section for ^4He 1-18637
- Berman, B.L. see Arruda Neto, J.D.T. 1-23695
- Berman, B.L. see Arruda-Neto, J.D.T. 1-5812, 1-10396
- Berman, B.L. see Kelly, J. 1-28388
- Berman, B.L. see Pywell, R.E. 1-23637
- Berman, G.P., Zaslavsky, G.M. On stochastic behaviour of multi-level dynamic quantum systems 1-49985
- Berman, L.D. Generalisation of experimental data on the heat and mass transfer with evaporation and condensation 1-37914
- Berman, L.V., Pomortseva, L.I. Chemical shift of impurity photoconductivity peaks of gallium arsenide associated with impurity molecules 1-20819
- Berman, N.S. Evidence for molecular interactions in drag reduction in turbulent pipe flows 1-46727
- Berman, P.A. see Scott-Monck, J.A. 1-48857
- Berman, P.R. Coherence effects in radiatively assisted inelastic collisions: general theory 1-14998
- Berman, P.R. Theory of coherences produced by radiatively assisted inelastic collisions: weak-field impact-core limit 1-14999
- Berman, P.R. Application of laser spectroscopy to collisional studies 1-36744
- Berman, P.R. see Vetter, R. 1-45903
- Berman, S.S. see Segar, D.A. 1-21800
- Berman, S.S. see Sturgeon, R.E. 1-21797
- Berman, V.G., Mishurov, Yu.N. Determination of the parameters of the spiral structure of the Galaxy from the radio emission of neutral hydrogen at 21 cm. II. Nonlinear theory. $30^\circ \leq || \leq 60^\circ$ 1-36399
- Berman, V.S., Galin, L.A., Churmaev, O.M. Analysis of a simple model of a bubble-liquid reactor 1-19834
- Berne, N. see Purves, W.K. 1-32166
- Bernero, F.L. see Diez, E. 1-28951
- Berningham, P.M. see Maguire, P.K.H. 1-54009
- Bern, K. see Lindgren, H. 1-17891
- Bernabei, R. see Esposito, B. 1-36868
- Bernabei, S. see Motley, R.W. 1-11542
- Bernabeu, E., Alvarez, J.M. Cross sections for elastic collisions in cesium-gas interactions 1-19158
- Bernabeu, E., Alvarez, J.M. Shift the broadening of hyperfine components of the first doublet of cesium perturbed by foreign gases 1-24224
- Bernabeu, E., Moreno, F. Shift of tunable laser modes by effect of intracavity wavelength selectors with short-duration pulses 1-51521
- Bernabeu, E. see Amare, J.C. 1-14971
- Bernabeu, J., Penarrocha, J.A. Two-photon exchange in muon-nuclear scattering 1-567
- Bernabeu, J. see Noguera, S. 1-458
- Bernacca, P.L., Bianchi, L. IUE observations of X Persei, the proposed optical counterpart of the X-ray source 4U 0352+30 1-54510
- Bernadou, M., Tinsley, Oden, J. Existence theorem for a class of nonlinear shallow shell equations 1-11307
- Bernage, P., Niay, P., Houdart, R. Stimulated electronic Raman scattering in potassium vapour 1-46451
- Bernal, E. see Lee, T.C. 1-15130
- Bernal, E. see Mullica, D.F. 1-15853
- Bernan, P.R. see Yeh, S. 1-1320
- Bernard, A., Gay, M., Mainguy, A.-M. Super-Cactus: project of 10^{-11} g three-axis accelerometer 1-13588
- Bernard, A., Gravina, R. Further analysis of the $\text{B}^{2+} \rightarrow \text{X}^{2+}$ system of the YO molecule 1-49503
- Bernard, C. Physical effects of instantons 1-33112
- Bernard, C. see Ansara, I. 1-16063
- Bernard, C. see Appelquist, T. 1-45136
- Bernard, E.N. see Hebenstreit, G.T. 1-32460
- Bernard, H. see Viguie, J.C. 1-43820
- Bernard, J. see Andre, M. 1-51469
- Bernard, J.L., Sims, L.G. IR spectroscopy for determination of total unsaturation 1-17133
- Bernard, L.C., Dobrott, D., Helton, F.J., Moore, R.W. Stabilization of ideal MHD modes 1-15609
- Bernard, L.C. see Gruber, R. 1-51934
- Bernard, M., Mas, L., Prigent, M., Sohm, J.C. Application of electrocatalysis to the electrolysis of water at high temperature and high current density 1-39848
- Bernard, M. see Bonfanti, J.C. 1-8822
- Bernard, O., Deloupy, C., Palpacuer, M. Infrared photoconductor with cooled filter grating 1-40881
- Bernard, P., Galarneau, P., Chin, S.L. Self-focusing of CO₂ laser pulses in low-pressure SF₆ 1-51570
- Bernard, R. Seasonal variation in mesospheric semi-diurnal tides. Comparison of meteor radar observations and results from an excitation source model 1-44257
- Bernard, V., Mahaux, C. Self-energy in a semirealistic model of nuclear matter 1-45446
- Bernard, V., Van Giai, N. Effects of collective modes on the single-particle states and the effective mass in ^{208}Pb 1-10294
- Bernard, W. System theoretical approach to laser Doppler anemometry 1-29814
- Bernard, W. see Moss, C.E. 1-18753
- Bernard-Daugeras, N. see Anxolabehere, D. 1-36475
- Bernardi, F., Bottoni, A. OEMO analysis of ab initio SCF-MO computations. Conformational preferences and asymmetries in methyl derivatives 1-28863
- Bernardini, J. see Aufray, B. 1-42399
- Bernardini, J. see Green, M.L. 1-12343
- Bernardini, J.E. see Jin, S. 1-12342
- Bernardinis, B. De see De Bernardinis, B.
- Bernas, A. Recombination luminescence in rigid media 1-52994
- Bernas, H., Traverse, A., Zawislak, F.C., Chaumont, J., Dumoulin, L. Amorphous Pd-Si alloys and hydrides prepared by low-temperature ion-implantation 1-34363
- Bernas, H. see Pivin, J.C. 1-48552
- Bernas, H. see Traverse, A. 1-21099
- Bernas, M., Poughon, F., Roy-Stephan, M., Berg, G.P.A., Berthier, B., Le Fevre, J.P., Wiedenthal, B.H. $^{24}\text{Mg}(^{18}\text{O}, ^{16}\text{O})^{24}\text{Mg}$ reaction at $E(^{18}\text{O})=50$ MeV including scattering in entrance and exit channel 1-14538
- Bernas, M. see Poughon, F. 1-50505
- Bernasek, S.L. see Draper, C.W. 1-43610
- Bernasek, S.L. see Langell, M.A. 1-30533, 1-30534, 1-48203
- Bernashevskiy, G.A. see Tseytlin, M.B. 1-15623
- Bernassau, J.-M., Hyafil, F. Choice of delay time sequence in spin-lattice relaxation time measurements by inversion-recovery 1-19112
- Bernat, A.P. see Honeycutt, R.K. 1-9498
- Bernath, P.F., Field, R.W. Optical-optical double-resonance spectroscopy of CaF. The $E^2\Sigma^+$ and E' $^2\Pi$ states 1-1263
- Bernauer, O. see Schmidt-Ihn, E. 1-43827
- Bernauer, O. see Toepfer, J. 1-21937
- Berndt, K., Engelmann, J., Storbek, F., Blasek, G. Soft X-ray appearance potential spectra of iron-cobalt alloys 1-3538
- Berndt, K., Klose, E. High-frequency modulation of Ar-ion laser radiation due to stable two-mode oscillation 1-29253
- Berndtsson, A. see Nyholm, R. 1-33557
- Berne, B.J., Skinner, J.L., Wolynes, P.G. Impulsive stochastic models of molecular relaxation and isomerization reactions 1-26722
- Berne, B.J. see Herman, M.F. 1-28944
- Berne, B.J. see Rosenberg, R.O. 1-8541
- Bernecki, T.F., Lau, Y.C., Benenson, D.M. Arcs in high speed flows 1-38198
- Bernedo, J. see Travot, G. 1-290
- Berneike, W., Kreutle, U., Neuert, H. Chemiluminescence spectra of the reactions of Li, Na, K with SF₆ and Na with SF₆ and the dissociation energy of SF 1-31834
- Berneike, W., Löffler, H.J., Neuert, H. Some investigations of the chemiluminescence spectra from the reactions of Ca and Sr with SF₆ 1-53420
- Berner, A.J. see Gubchenko, L.I. 1-21310
- Bernerer, R., Charbonnier, J.C., Namdar-Israni, R., Manenc, J. A study of passive films formed on pure ferritic steels 1-43721
- Berners, O. The benefits of planning for maintenance and repairs 1-50952
- Bernes, C. see Loren, R.B. 1-22867
- Berney, C.V., Underhill, C. Small-angle X-ray scattering of graphite-ferric chloride intercalation compounds 1-34331
- Berney, R.L., Cowan, D.L. Photochromism of three photosensitive Fe centers in SrTiO₃ 1-38977
- Bernhard, F. On the convertibility of dynamic parameters of contact thermometers for other operating conditions 1-27978
- Bernhard, F., Kerkow, H., Kudella, F. Depth profile measurements of copper in silicon by ion-induced X-ray emission 1-2495
- Bernhard, W. Test of a spherically and chromatographically corrected electron microscope 1-396
- Bernhard, W.A. see Kar, L. 1-12405
- Bernhardt, A.F., Shore, B.W. Coherent atomic deflection by resonant standing waves 1-51169
- Bernhardt, G. see Gaedeke, R. 1-20088
- Bernhardt, H. Investigations on the thermoluminescence of X-rayed YAG crystals 1-21281
- Bernhardt, K.G. see Konnerth, D. 1-18665
- Bernhardt, P.A. see Johnson, C.Y. 1-4696
- Bernhardt, P.A. see Medillo, M. 1-17723
- Bernheim, M., Jans, E., Mougey, J., Royer, D., Tarnowski, D., Turck-Chieze, S., Sick, I., Capitani, G.P., De Sanctis, E., Frullani, S. Electron-induced deuteron disintegration at threshold 1-45495
- Bernheim, M., Rebierre, J., Slodjian, G. Negative ion emission from surface covered with cesium and bombarded by noble gas ions 1-31280
- Bernheim, M., Slodjian, G. Effect of partial oxygen pressure on metal single crystals bombarded by noble gas ions 1-31276
- Bernheim, M. see Barreau, P. 1-28471
- Bernheim, M. see Jans, E. 1-28470
- Bernholc, J. see Pantelides, S.T. 1-47541
- Berni, A.J., Parrish, J.F. Electrical transmission characteristics of marine seismic cable 1-40221
- Bernick, D.L., Hoehler, F.K. Negative feedback-controlled electromechanical transducer for oscillation and stretch of muscle 1-13370
- Bernier, H. High velocity plane launching by multiple staging device 1-38461
- Bernier, H., Delaval, J. Measurements on the Hugoniot of samarium 1-38465
- Bernier, J.C. see Drillon, M. 1-47875
- Bernier, P., Mirallas, P., Brun, B. Viscosity and NMR measurements on aqueous solutions of CTAI: salt effects with a common counterion 1-51227
- Bernier, P. see Lefrant, S. 1-35527
- Bernier, P. see Rolland, M. 1-25777, 1-25815
- Bernnat, W. The application of the 2-D S_N-code TWOTRAN for coupled transport-calculations in space and energy 1-33277
- Bernold, T. A catalogue of fine structures in type IV solar radio bursts 1-4840
- Bernold, T. see Weber, R. 1-33216
- Bernotas, A.P., Kamutavicius, G.P.P. Indeterminacy of the internucleonic potential appearing in the case of narrow oscillator basis 1-14475
- Bernotas, A.P. see Sabaliauskas, L.J. 1-41060
- Bernotas, K.E., Vinogradov, V.I. Nanosecond pulse generators 1-18248
- Bernotas, V. Measurement and calculation of color contrasts 1-326
- Bernotas, V. Dependence of color contrast on viewing conditions 1-39927

- Berns, H., Brommann, J. Materials and methods used in the production of rollers for the cold forming of metals 1-12686
- Berns, R.M. see Luty, T. 1-38476
- Bernsee, J. see Zelac, R. 1-9068
- Bernstein, D.B. Contact-optical evaluation method of the modulus of elasticity of elastomers 1-31786
- Bernstein, M.L., Kaputkina, L.M., Prokoshkin, S.D., Dobatkin, S.V. Diagram of hot working and substructure of hot-worked austenite 1-21493
- Bernstein, M.L., Zaimovskii, V.A., Samedov, O.V., Safronov, S.V. The influence of high-temperature thermomechanical working on the amount of the Bauschinger effect in 40S2Kh and 60S2Kh steels 1-35332
- Bernstein, M.L. see Shvedova, T.L. 1-48604
- Bernstein, A.M. see Bosted, P.E. 1-14515
- Bernstein, E.M. see Shamu, R.E. 1-14457
- Bernstein, E.R. see Webb, J.D. 1-37176
- Bernstein, I.B., Baxter, D.C. Relativistic theory of electron cyclotron resonance heating 1-38124
- Bernstein, I.B., Book, D.L. Stability of the Primakoff-Sedov blast wave and its generalizations 1-9613
- Bernstein, I.B., Friedland, L. Theory of the free-electron laser in combined helical pump and axial guide fields 1-51440
- Bernstein, I.B. see Cohen, R.H. 1-29899
- Bernstein, I.B. see Friedland, L. 1-6931
- Bernstein, I.M. see Chen, C. 1-16972
- Bernstein, J.L. see Abrahams, S.C. 1-25209
- Bernstein, J.L. see Kaminov, I.P. 1-3368
- Bernstein, J.L. see Liminga, R. 1-31094
- Bernstein, J.N., Shvartsman, V.F. On the relation between the size of the Universe and its curvature 1-27644
- Bernstein, K. Neutron activation analysis: status and prospects 1-26777
- Bernstein, N.D. Image stability in integral cinematographic process 1-18315
- Bernstein, R. Requirements on the data/information system [Earth observation program] 1-32521
- Bernstein, R. see Zimmer, H.-G. 1-33034
- Bernstein, R.B. see Lichtin, D.A. 1-10788
- Bernstein, R.B. see Zamir, E. 1-48692
- Bernstein, R.B. see Zare, R.N. 1-31886
- Berrada, A., Durand, J., Hassanain, N., Loegel, B. Electric field gradients and exchange interactions in amorphous RE₂Au alloys 1-25925
- Berrada, A. see Friedt, J.M. 1-25680
- Berrada, A. see Hassanain, N. 1-30864
- Berrada, A. see Krill, G. 1-30799
- Berre, S. Le see Berre, S.
- Berremann, D.W. Surface orientation and compliance effects on twist-cell performance [liquid crystal devices] 1-38274
- Berremann, D.W. see Peterson, G.E. 1-11093
- Berresheim, K. see Storp, S. 1-7443
- Berret, J.R. see Gombert, D. 1-14683
- Berriol-Valdos, L.R. see Santamaria, J. 1-41591
- Berrier-Ronsin, G. see Kalifa, J. 1-625
- Berrier-Ronsin, G. see Vergnes, M. 1-45487
- Berrill, E. see Hornstra, F. 1-53606
- Berrill, J.B., Davis, R.O. Maximum entropy and the magnitude distribution 1-53997
- Berriman, G. see Werner, M.W. 1-9496
- Berringer, B.W. Group theoretical examination of the far infrared spectra of Tm₂(SO₄)₃·8H₂O and TmCl₃·6H₂O 1-26219
- Berringer, R.T., JaiKrishnan, K.R. Shellside velocity measurements in a steam generator flow model 1-29811
- Berrington, K.A. see Burke, P.G. 1-33560
- Berrington, K.A. see Fon, W.C. 1-33561, 1-33562
- Berroth, K., Simon, A. New metal-rich erbium iodides with condensed clusters: Er₇I₁₀ and Er₄I₅ 1-34310
- Berry, A.D. see Brant, P. 1-53049
- Berry, D.E. see Curie, D. 1-26169
- Berry, G.F. see Johnson, T.R. 1-48876
- Berry, H.G., DeSerio, R., Livingston, A.E. Wavelengths and fine structure of 2s-2p transitions in two- and three-electron ions 1-1398
- Berry, H.G. see Brooks, R.L. 1-6368
- Berry, H.G. see Schectman, R.M. 1-1139
- Berry, J., Jr. see Downie, D.E. 1-22040
- Berry, M., Dursch, H. Exposure testing of solar collector plastic films 1-13097
- Berry, M. see Guest, M.F. 1-19136
- Berry, M.V. Quantizing a classically ergodic system: Sinai's billiard and the KKR method 1-49962
- Berry, M.V., Chambers, R.G., Large, M.D., Upstill, C., Walsley, J.C. Wavefront dislocations in the Aharonov-Bohm effect and its water wave analogue 1-40663
- Berry, M.V. see Hannay, J.H. 1-18080
- Berry, R.F. Low-cost calibration of acoustic locators 1-37446
- Berry, R.S. Chemistry of gaseous ion pairs produced by thermal collisions 1-21711
- Berry, R.S. see Kellman, M.E. 1-1204
- Berry, R.S. see Ondrechen, M.J. 1-35520
- Berry, R.S. see Rehms, P. 1-45914
- Berry, R.W. see Malyon, D.J. 1-1575
- Berryman, J.G. Long-wavelength propagation in composite elastic media. I. Spherical inclusions 1-29426
- Berryman, J.G. Long-wavelength propagation in composite elastic media. II. Ellipsoidal inclusions 1-29427
- Berryman, J.G. Elastic wave propagation in fluid-saturated porous media 1-46616
- Berryman, J.G., Holland, C.J. Stability of the separable solution for fast diffusion 1-50070
- Berset, J.C., Heck, B., Lindsay, J.B., McCulloch, L., Rudge, A. The drift time and charge division electronics system for the Axial Field Spectrometer vertex detector 1-14777
- Bershadskaya, M.D. see Poluboyarinov, D.N. 1-31390
- Bershtein, L.I. see Sadovskii, V.D. 1-31498
- Bershtein, V.A., Peschanskaya, N.N., Sinani, A.B., Stepanov, V.A. Kinetics of deformation of glassy polymers in a wide temperature range 1-3816
- Bersohn, R. Molecular photodissociation by an ultraviolet photon 1-19145
- Bersohn, R. see Shapiro, M. 1-10711
- Berson, E.L. Light deprivation and retinitis pigmentosa 1-35763
- Bersuker, I.B., Stavrov, S.S. Vibronic effects in geometry and stereochemistry of metalloporphyrins and hemoproteins 1-37354
- Bersuker, I.B., Vekhter, B.G., Zenchenko, V.P., Ismailzade, I.G., Ismailov, R.M., Rez, I.S. Magnetic control of nonlinear dielectric properties of polar crystals 1-21136
- Bert, N.A., Zhigarev, M.Z., Konnikov, S.G., Mursakulov, N.M., Tretyakov, D.N. Investigation of InAs-InSb solid solution heteroepitaxial layers and structures 1-25590
- Bert, N.A. see Akhmedov, D. 1-51483
- Berta, V.T. see Adams, J.P. 1-45676
- Bertagnoli, E., Kittinger, E., Swoboda, G., Tichy, J. Finite element investigation of the conditions for secondary twinning in X-cut α -quartz 1-42395
- Bertalot, L., Herold, H., Jager, U., Mozer, A., Oppenlander, T., Sadovskii, M., Schmidt, H. Mass and energy analysis and space-resolved measurements of ions from plasma focus devices 1-15648
- Bertault, M., Collet, A., Schott, M. A calorimetric study of pTS (bis-p-toluenesulphonate of 2,4-hexadiyne 1,6-diol) and its phase transitions as a function of polymerization 1-47232
- Bertaux, J.L., Blamont, J.E., Lepine, V.M., Kurt, V.G., Romanova, N.N., Smirnov, A.S. Venera 11 and Venera 12 observations of E.U.V. emissions from the upper atmosphere of Venus 1-54405
- Bertaux, J.L. see Kurt, V.G. 1-9404
- Berte, F.J., Filstein, E.L., Goldstein, R. Representative sampling in reactor data analysis 1-18814
- Berte, F.J. see Goldstein, R. 1-10454
- Bertein, H. The discharges striking insulating surfaces and electrostatics 1-42235
- Bertel, E., Netzer, F.P. Adsorption of bromine on the reconstructed Au(100) surface: LEED, thermal desorption and work function measurements 1-7468
- Bertel, E., Netzer, F.P., Matthew, J.A.D. Comparison of the electron energy loss spectrum of erbium metal with Er/O₂ and Er/H₂ 1-48204
- Bertel, I.M., Ivanenko, M.M., Churakov, V.V. Laser with optical pumping on tetraatomic molecules of the C₃ symmetry group 1-46304
- Bertela, M. Compatibility and mutual interaction among the dimensionless groups present in the Navier-Stokes and energy differential equations 1-1905
- Bertels, P. see Nicollin, D. 1-10027
- Bertelson, A.F. A note on the steady streaming induced around a circular cylinder in an oscillatory flow field 1-29639
- Bertero, M., De Mol, C., Viano, G.A. The stability of inverse problems 1-51362
- Bertero, M., Viano, G.A., Pasqualetti, F., Ronchi, L., Toraldo Di Francia, G. The inverse scattering problem in the Born approximation and the number of degrees of freedom 1-1485
- Bertel, K.-Kh., Keler, K.H., Zaidel, P., Blyuthner, K., Weber, P. Experimental investigations of Nb-NbO₂/Pb tunnel junctions and theoretical interpretation of their behaviour on the basis of the proximity effect 1-47804
- Bertel, J.-J. see Pirre, M. 1-44376
- Bertel, G. see Battut, J.-P. 1-34922
- Berthier, B. see Bernas, M. 1-14538
- Berthier, G. see de Brouckere, G. 1-24031
- Berthier, Y. see Barbara, B. 1-25673
- Berthod, H., Pullman, A., Hinton, J.F., Harpool, D. Molecular electrostatic potentials of hydrogen-bonded systems: the oligomers of formamide 1-46057
- Berthold, T. see Kothe, G. 1-2314
- Bertholon, G. see Perrin, M. 1-28877
- Berthomieu, G., Cooper, A.J., Gough, D.O., Osaki, Y., Provost, J., Rocca, A. Sensitivity of five minute eigenfrequencies to the structure of the Sun 1-27469
- Berthomieu, G. see Provost, J. 1-44541
- Berthoud, G. see Amblard, M. 1-36990
- Berti, R., Pierini, G. The PROCELLA-3 code for HWR lattice calculations 1-33285
- Bertie, J.E., Francis, B.F., Scherer, J.R. On the determination from Raman spectra of the polarizability derivative with respect to the O-D bond stretching coordinate in the ices 1-35023
- Bertie, J.E., Morrison, M.M. The infrared spectra of the hydrates of ammonia, NH₃·H₂O and 2NH₃·H₂O at 95K 1-37187
- Bertie, J.E., Thomas, D.F., Thorson, W.R. The infrared spectrum of sodium bifluoride NaHF₂ at 295K from 2100 to 5700 cm⁻¹ 1-39075
- Bertin, A. see Bardin, G. 1-45469
- Bertin, E.P. see Olsen, G.H. 1-11990
- Bertin, J.J., Cline, D.D. Variable-grid-size transformation for solving nonsimilar laminar and turbulent boundary-layers 1-29649
- Bertin, M. Studies of risks from different energy sources: methodological comments 1-26825
- Bertin, P.Y. see Balestri, B. 1-28343
- Bertke, R.S. see Nicholas, T. 1-48465
- Bertlmann, R.A., Ono, S. How heavy are the quarks? Limits from the Feynman-Hellmann theorem 1-14334
- Bertlmann, R.A. see Bell, J.S. 1-33154
- Bertocci, U., Kruger, J. Studies of passive film breakdown by detection and analysis of electrochemical noise 1-39531
- Bertola, F. see Oke, J.B. 1-54608
- Bertoldi, P.G., Capelletti, R., Fermi, F., Manfredi, M., Graveris, V.J. Growth of Suzuki-like occlusions in KCl:Pb analysed by means of photoluminescence and absorption spectra 1-2498
- Bertolini, G.J. see Griffin, A.C. 1-38283
- Bertolini, J.C., Rousseau, J. Surface vibrations studies by low energy electron spectroscopy 1-2796
- Bertolini, J.C., Tardy, B. Vibrational EELS studies of CO chemisorption on clean and carbided (111), (100) and (110) nickel surfaces 1-38655
- Bertolotti, M., Sbroli, L., Scudieri, F., Papa, T. Ultraviolet-pumped liquid-crystal dye-laser 1-46335
- Bertolotti, M., Carnevale, M., Consortini, A., Ronchi, L. General problems in atmospheric light propagation 1-40179
- Bertolotti, M., Ferrari, A., Scudieri, F. Subtraction interferometry in the study of radiation damage in optical fibres 1-1708
- Bertolucci, E. see Amendola, S.R. 1-18959, 1-18960, 1-18961
- Bertolucci, S. see Bartalucci, S. 1-28793
- Bertoluzza, A., Fagnano, C., Fawcett, V., Long, D.A., Taylor, L.H. Vibrational spectroscopic studies of a new class of oligophosphate glasses of biological interest 1-43113
- Berton, A., Chaussy, J., Odin, J., Peyrard, J., Prejean, J.J., Souletie, J. Apparent specific heat of a spin glass (Au Fe 6 at.%) in presence of a remanent magnetization and associated energy and magnetization relaxations 1-52793
- Bertoni, C.M., Manghi, F., Calandra, C. Pseudopotential calculation of the electronic structure at the cleavage surface of GaP 1-47721
- Bertoni, C.M. see Margaritondo, G. 1-38828
- Bertout, C. see Mundt, R. 1-40480
- Bertout, C. see Thum, C. 1-49649
- Bertozzi, W. see Kelly, J. 1-28388
- Bertozzi, W. see Rad, F.N. 1-23646
- Bertram, C.D. Energy dissipation and pulse wave attenuation in the canine carotid artery 1-49034
- Bertram, C.L. Remote identification of salt water wedges using a monocyte radar 1-17713
- Bertram, M. see Nghiep, D.M. 1-20232
- Bertram, R. see Millis, R.L. 1-54408
- Bertrand, D., Ciborowski, J. Experimental study of the K⁺→ π^+ π^0 π^0 decay matrix element between 1 and 45 MeV of the π^+ kinetic energy 1-23491
- Bertrand, D., Fert, A.R., Magarino, J., Tuchendler, J., Legrand, S. Lowest Fe²⁺ spin excitations in disordered Fe_{1-x}Mn_xCl₂ mixtures by microwave absorption at high frequencies 1-3383
- Bertrand, D. see Mischler, G. 1-48070
- Bertrand, F.E., Beene, J.R., Bemis, C.E., Jr., Gross, E.E., Horen, D.J., Wu, J.R., Jones, W.P. Measurement of the fission decay of the giant quadrupole resonance in ²³⁸U 1-45550
- Bertrand, F.E., Satchler, G.R., Horen, D.J., Wu, J.R., Bacher, A.D., Emery, G.T., Jones, W.P., Miller, D.W., van der Woude, A. Giant multipole resonances from inelastic scattering of 152-MeV alpha particles 1-14502
- Bertrand, F.E. see Fulmer, C.B. 1-50617
- Bertrand, F.E. see Pudeim, B.M. 1-45540
- Bertrand, J. PROPICE: an application independent NIM front-end processor 1-24006
- Bertrand, J.L. see Bizot, J.C. 1-10243
- Bertrand, P., Roger, G., Gayda, J.-P. Measurement of the spin-lattice relaxation time from the broadening of the EPR spectrum of a randomly oriented system with S=1/2: application to iron-sulfur proteins 1-22171

- Bertrand, P.A., Fleischauer, P.D. X-ray photoelectron spectroscopy study of the surface adsorption of lead naphthalene 1-31305
- Bertrand, R.D. see Chingas, G.C. 1-38987
- Brérand, Y. see Rivory, J. 1-31212
- Bertrand-Coremans, G. see Allasia, D. 1-23495
- Bertrand-Zytzkowski, M. see Chmicki, E. 1-52999
- Bertre, T.L. see Le Bertre, T.
- Bertsch, G. Nuclear vibrations 1-10304
- Bertsch, G. The nuclear density of states in the space of nuclear shapes 1-10323
- Bertsch, G. Pauli suppression of momentum fluctuations 1-41129
- Bertsch, G. see Crawley, G.M. 1-41036
- Bertsch, G.F. Heavy ion dynamics at intermediate energy 1-14555
- Bertsch, G.F. see Hamamoto, I. 1-14456
- Bertsch, G.F. see Hecking, P.C. 1-45212
- Bertsch, G.F., Kurath, D. (editor) Nuclear Spectroscopy. Lecture Notes of the Workshop 1-9769
- Bertsch, Y. see Allkofer, O.C. 1-45773
- Bertsche, U., Lachet, B. The response of diploia yeast to radiations at different LET. II. Analysis of survival data with various models of radiation action 1-43909
- Bertschy, J.R. see Abernathy, F.H. 1-24852
- Bertson, V.N. see Agranat, V.M. 1-19695
- Bertuchoz, J. see Rudy, T. 1-10546
- Beruto, D., Barco, L., Searcy, A.W., Spinolo, G. Characterization of the porous CaCO₃ particles formed by decomposition of CaCO₃ and Ca(OH)₂ in vacuum 1-3678
- Berveiller, M., Zaoui, A. Plastic inter- and intragranular accommodation of the deformation heterogeneities in polycrystalline metals and its influence on their texture 1-48413
- Berveiller, M., Zaoui, A. Generalisation of the inclusive problem and application to electroplastic problems of heterogeneous materials 1-15418
- Berveiller, M. see Franciosi, P. 1-12759
- Bervig, D.R., Egbert, R.I. Economic analysis of compressed air energy storage power plants using the energy domain method 1-35712
- Berwald, D.H. see McGrath, R.T. 1-41243
- Beryl, S.I. see Bobrysheva, A.I. 1-2877
- Berzhanskii, V.N., Ivanov, V.I. Spin-photon relaxation processes in CdCr₂S₄ crystals 1-21044
- Berzhanskii, V.N., Ivanov, V.I. Critical relaxation in ferromagnetic CdCr₂S₄ 1-26043
- Berzin', Ya.Ya., Prokof'ev, P.T., Simonova, L.I., Rottler, Kh., Khaizer, Kh., Stari, F. Spectra of γ -transitions in deuterium and proton reactions on ¹⁵⁴Sm nuclei 1-45453
- Besada, J.L., Elices, M., Planas, J., Sanchez Minana, J., Garcia Cachero, J.A. A new technique of deformation measurements based on microwave resonant cavities 1-21692
- Besagni, T. see Deriu, A. 1-47908
- Besch, H.-J. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Bescos, J., Glaser, I., Sawchuk, A.A. Restoration of color images degraded by chromatic aberrations 1-19274
- Bescos, J., Santamaria, J. Colour based quality parameters for white light imagery 1-40834
- Besenbacher, F., Bottiger, J., Laursen, T., Moller, W. Hydrogen trapping in ion-implanted nickel 1-25305
- Besenbacher, F. see Moller, W. 1-25306
- Besenmatter, W. The stabilization of simple zoom kernels with the aid of aspheres 1-1670
- Besenmatter, W. Designing zoom lenses aided by the Delano diagram 1-46523
- Beserman, R. see Schmeltzer, D. 1-25387, 1-34446, 1-39082
- Beshentsen, V.D. see Pashuk, E.G. 1-8496
- Beshkov, G.D. see Madzharova, N.A. 1-53507
- Beske, H.E. see Modler, G. 1-8185
- Beskorskaya, M.A. see Babkina, T.V. 1-6671
- Besman, T.M., Lindemer, T.B., Cheng Ling Therodynamic calculations on coal ash and CaO interactions 1-3700
- Besomi, P., Wessels, B.W. Deep level defects in CdS/GaAs heterojunctions 1-2921
- Besomi, P., Wessels, B.W. High-conductivity heteroepitaxial ZnSe films 1-38869
- Bespalenko, A.V. see Chernyi, F.B. 1-24979
- Bespal'ko, A.A., Gering, G.I. Acoustic dosimetry of intense electron beams 1-23865
- Bespalov, V.I. see Andreev, N.F. 1-41770
- Bespalov, V.I., Voronkin, V.G. Theory of a catalytic calorimeter 1-37904
- Bespalov, V.Ya. A quantum chemical investigation of the complex (H₂C) ... (FH) 1-31851
- Bespalov-Korotkevich, B.A. see Gurylev, B.V. 1-44972
- Bespalova, S.V., Telezhkin, V.A., Tolpygo, K.B., Tolpygo, S.K. The resonance energy transfer between hydrogen bonds and the problem of high efficiency of living organism muscles 1-35741
- Bespyator, V.V. see Sechenov, D.A. 1-43550
- Bespyatykh, Yu.I., Zubkov, V.I., Tarasenko, V.V. Propagation of surface magnetostatic waves in a ferromagnetic plate 1-25923
- Bess, F.H. see Townsend, T.H. 1-43885
- Bessanova, E.V. see Bessonov, A.F. 1-8260
- Bessarab, A.V., Novikov, V.N., Pavlov, D.V., Funtkov, A.I. Laser-wavelength dependence of the threshold for plasma generation at metal surfaces in the range 1-10 μ m 1-42189
- Besse, J.P. see Picard, J.P. 1-20143
- Besse, J.-P., Baud, G., Chevalier, R., Zarembovitch, J. Some evidence for the ion O₂⁻ in the rhenium apatite Ba₂(ReO₃)₂O₂ 1-20154
- Besser, I.I. see Cusens, A.R. 1-19571
- Besset, D., Do, Q.H., Favier, B., Hausammann, R., Heer, E., Hess, R., Lechanoine-Leluc, C., Leo, W.R., Rapin, D., Werren, D.W., Wedigen, Ch., Cameron, J.M., Jaccard, S., Mango, S. Measurement of the spin correlation parameter A₀₀₀ and the polarization A₀₀₀₀ in elastic p-p scattering between 400 and 600 MeV 1-10375
- Bessho, N. see Takahashi, M. 1-6880
- Bessho, Y. see Yamada, N. 1-45700
- Bessieres, A. see Bessieres, J. 1-17319
- Bessieres, J., Bessieres, A., Heizmann, J.J. Iron oxide reduction kinetics by hydrogen 1-17319
- Bessire, J.-J. A 16-mm clear-print sound-film time-code transfer machine and associated editing table 1-50258
- Bessis, G. see Bessis, N. 1-27816
- Bessis, N., Bessis, G. A note on the Schrodinger equation for the $x^2 + \lambda x^2 / (1 + gx^2)$ potential 1-27816
- Bessolov, V.N., Danilova, T.N., Imenkov, A.N., Tsarenkov, B.V., Yakovlev, Yu.P. Variable-gate selective photocells based on Ga_{1-x}Al_xAs:Ge:Te p-n structures 1-42855
- Besson, C. see Allkofer, O.C. 1-45773
- Besson, J. see Portal, J.C. 1-47684
- Besson, J.M. Effect of pressure on optical properties of crystalline As₂S₃ 1-21168
- Besson, J.M., Pinceaux, J.P., Cornogora, J. Optical properties of Orpiment As₂S₃ under high pressure 1-35060
- Besson, J.M. see Nicol, M. 1-43131
- Besson, J.M. see Pinceaux, J.P. 1-34421, 1-38611
- Besson, J.M. see Polian, A. 1-12503, 1-35059, 1-48060
- Besson, R. see Ayant, Y. 1-12429
- Bessonov, A.F., Bessanova, E.V. Influence of additives on formation, recrystallization, and sintering of magnesium orthosilicate 1-8260
- Bessonov, A.F., Deryugin, L.N., Komotskii, V.A. Phenomena of optical wave diffraction by travelling spatial phase modulation on stationary phase gratings 1-46218
- Bessonov, E.G., Vazdik, Ya.A. On a way to produce high-energy polarized electron beams by means of a proton synchrotron 1-6072
- Bessonov, V.I., Zvenigorodskaya, A.I., Kazantsev, Yu.I., Levitskaya, N.V., Novikov, A.P., Postnykh, O.A., Tikhonov, V.I. Investigation of the characteristics of n-InSb-1-GaAs film Hall converters 1-44906
- Bessonov, T.S., Stanislavskii, M.P., Khaimov-Malkov, V.Ya., Molev, G.V. Spectra and radioluminescence kinetics of doped corundum crystals 1-3463
- Best see Armstrong 1-10254
- Best, C. see Allkofer, O.C. 1-45773
- Best, C. see Aubert, J.J. 1-5630
- Best, C. see Di Gennaro, V. 1-5660
- Best, G. see Abreu, O. 1-13169
- Best, M.G., McKee, E.H., Damon, P.E. Space-time-composition patterns of Late Cenozoic mafic volcanism, southwestern Utah and adjoining areas 1-44178
- Best, S.W. Optical communications. V. Light emitting diodes 1-24525
- Best, S.W. Optical communications. VI. Semiconductor laser 1-29404
- Best, S.W. Optical data transmission technology. VII 1-33826
- Best, S.W. Optical communication technique. VIII 1-41875
- Bestek, H. see Fasel, H. 1-42021
- Besterli, M. see Denisenko, E.T. 1-39384
- Bestgen, W. Magnetic behaviour of the one-dimensional 'mixed' state in type-I superconductors 1-20928
- Bestuzheva, N.P., Chigarev, A.V. Propagation of surface waves through a stochastic inhomogeneous elastic medium (the Markovian approximation) 1-37823
- Bestvina, S. see Hradsky, S. 1-3077
- Beswick, J.A., Delgado-Barrio, G. Influence of rotation on the vibrational predissociation of the van der Waals molecule HeI₂ 1-10708
- Beswick, J.A., Horani, M. Electronic predissociation in N₂O⁺. Model calculations for the A² Σ^+ state 1-41445
- Beswick, J.A., Requena, A. Rotational effects in the vibrational predissociation of X...H₂ van der Waals molecules 1-24200
- Betak, E. see Ribansky, I. 1-14509
- Betancourt, O. see Bauer, F. 1-38074
- Betensky, E.L., Kreitzer, M.H., Moskvich, J. Continuous close focusing telephoto zoom lenses 1-50251
- Bethe, H.A., Applegate, J.H., Brown, G.E. Neutrino emission from a supernova shock 1-32715
- Bethe, K., Schon, D. Thin-film strain-gauge transducers 1-32978
- Bethea, C.G. see Levine, B.F. 1-15216
- Bethge, K. see Kreisler, P. 1-23184
- Bethge, K. see Langfeld, R. 1-52159
- Bethke, C., Dammig, P., Kickenap, G., Raabe, G. An investigation of the measurement uncertainty of short-term methods in building acoustics 1-11264
- Bethmont, M. see de Charentenay, F.X. 1-48640
- Bethoux, J.-P. Mean water fluxes across sections in the Mediterranean Sea, evaluated on the basis of water and salt budgets and of observed salinities 1-35994
- Bethoux, O., Laborde, O., Lasjaunias, J.C., Ravex, A. Superconductivity of a La-Zn 22 at % amorphous alloy 1-30893
- Bethune, D.S. see Avouris, P. 1-45039
- Betinis, A.J. Quantum mechanical maximum velocity and wave packet deformation of high energy spinless particles 1-10065
- Betko, J., Merinsky, K. Characterization of semi-insulating GaAs(Cr) by means of galvanomagnetic measurements 1-20767
- Betrencourt-Stirnmann, C. see Paso, R. 1-45955
- Betser, A.A. see Perl, M. 1-46702
- Betskaya, N.V. see Aleksandrov, I.V. 1-1713
- Bett, W., Craddock, S., Rankin, D.W.H. The gas phase molecular structure of silyl formate determined by electron diffraction 1-1402
- Bettak, H.D. see Jakowski, N. 1-40261
- Bettarini, R.D., Daniele, G., Mogorovich, P. CIPS: an interactive system for the management of remotely sensed data 1-4667
- Bette, A. Relativistic particle mechanics 1-36492
- Bette, L. see Schwedt, H. 1-4372
- Betten, J. Creep behaviour of cylindrical high pressure container 1-51708
- Betten, P.R. see Singer, R.M. 1-23730
- Bettinger, A., Guyot, J.C. Neodymium doped glass laser 1-11012
- Bettinger, A. see Andre, M. 1-51469
- Bettis, J.R., Burton, J.K., Parker, R.K., Herndon, M., Kinkad, A.K., Guenther, A.H., Kobiela, E.J. Laser-triggered switch modification to VEGA 1-23879
- Betts, B.A. see Neumeier, L.A. 1-48403
- Betts, D.D., Grundke, E.W. The spin $1/2$ XY model. V. Moments of the spin-spin correlations in three dimensions 1-20948
- Betts, D.D., Salevsky, F.C., Rogers, J. Vortices in the two-dimensional $s=1/2$ XY model 1-32926
- Betts, D.D. see Kelland, S.B. 1-47837
- Betts, D.D. see Ohtsima, J. 1-3128
- Betts, D.S. see Dahm, A.J. 1-16132
- Betts, R.R. see Eylon, D. 1-31686
- Betts, R.R., Clerc, H.-G., Back, B.B., Ahmad, I., Wolf, K.L., Glagola, B.G. Selectivity in two-particle exclusive heavy-ion reactions 1-36958
- Betts, R.R. see Back, B.B. 1-718
- Bettwieser, E. Population inversion and saturation behaviour of celestial masers in dusty regions 1-36374
- Bettwieser, E., Glatzel, W. On the growth of primordial black holes 1-54542
- Betuganov, M.A. see Nikol'skaya, I.F. 1-15903
- Betz, A.L. see McLaren, R.A. 1-22802
- Betz, E. see Kessler, A. 1-2439
- Betz, G., Froberg, M.G. Enthalpy measurements on solid and liquid molybdenum by levitation calorimetry 1-20423
- Betz, G. see Froberg, M.G. 1-7333
- Betz, H., Heuberger, A. Present status and problems of X-ray lithography 1-28150
- Betz, J. see Kusterer, K. 1-23914
- Betz, J.W., Von Senbusch, G., Hartel, W. Low resolution slit-scan pattern recognition applying one-dimensional multiparameter analysis 1-35865
- Betz, M., Kerman, A.K. (π ,d) pick-up reaction 1-10371
- Betz, M., Lee, T.-S.H. Phenomenological Hamiltonian for pions, nucleons, and Δ isobars: applications to the pion-deuteron system 1-41140
- Betz, P. see Bitterwolf, E. 1-28375
- Betz, W. see Muller, U. 1-10114
- Betz, W. see Reinhardt, J. 1-45522
- Betzer, P.R. see Fanning, K.A. 1-54066
- Beucherie, P. Selective absorbant surfaces for high temperature solar collectors 1-26852
- Beuckmann, T. Excitation of Bloch-wave resonance in a vertical field on a smooth wall 1-30971
- Beudry, B.J. see Khatamian, D. 1-38333
- Beg, A. Hot axial indicator PONAB-3 1-50210
- Beukema, G.P. Electrical breakdown properties of stainless steel and titanium electrodes in ultra-high vacuum 1-48004
- Beunen, J.A., Costley, A.E., Neill, G.F., Mok, C.L., Parker, T.J., Tait, G. Performance of free-standing grids wound from 10- μ m-diameter tungsten wire at submillimeter wavelengths. Computation and measurement 1-50242
- Beuneu, F. The g factor of conduction electrons in aluminium: calculation and application to spin resonance 1-25616

- Beurskens, P.T., Prick, P.A.J.** A fast algorithm for determining phase values for symbols from weighted symbol relations in direct methods 1-46953
- Beurskens, P.T., Prick, P.A.J., Van den Hark, Th.E.M., Gould, R.O.** The application of direct methods to centrosymmetric structures containing heavy atoms. III 1-2279
- Beurley, R.** see Boudard, A. 1-41117
- Beusch, W.** see Armstrong, T. 1-10606
- Beuscher, C.J., Tosswill, C.H.** Electroplated lead collimator for gamma ray imaging 1-35909
- Beuscher, H.** see Morek, T. 1-28374
- Beuselmeier, R.** see Fritze, P. 1-14431
- Bevan, A.W.R.** see Hutchison, R. 1-9439, 1-36228
- Bevan, D.J.M., Greis, O., Strahle, J.** A new structural principle in anion-excess fluoride-related superlattices 1-7139
- Bevan, E.G.** The Department of Energy's solar energy research and development programme 1-39748
- Bevelacqua, J.J.** Giant dipole resonance in ^4He 1-18615
- Bevelacqua, J.J.** Zero-range distorted wave Born approximation calculations for the $^{68}\text{Zn}(^6\text{Li},^6\text{He})^{64}\text{Ni}$ reaction at 27.2 MeV 1-45512
- Bevelacqua, J.J., Prewett, S.V.** Zero-range distorted-wave Born approximation analysis of (p,t) transfer reactions 1-50595
- Beveridge, J.L.** see Rogers, J.G. 1-23660
- Beveridge, D.L.** see Mezei, M. 1-42284
- Beveridge, J.L.** see Marty, N. 1-23690
- Beverini, N., Inguscio, M.** RF-optical double-resonance and level crossing spectroscopy with optogalvanic detection 1-1187
- Beverly, K.I., Regan, D.** Temporal selectivity of changing-size channels 1-32123
- Beverly, K.I.** see Regan, D. 1-32127
- Beverly, R.E.** III Kinetic modeling of fast-axial-flow CO_2 EDLs 1-37457
- Beverly, W.D.** One megawatt (thermal) bench model solar receiver design and test 1-53678
- Bevilacqua, L.** see Feijoo, R.A. 1-11300
- Bevilacqua, C.M.** see Dottori, H.A. 1-36389
- Bevington, P.R.** see McNaughton, M.W. 1-41051, 1-45508
- Bevir, M.K., O'Sullivan, V.T., Wyatt, D.G.** Computation of electromagnetic flowmeter characteristics from magnetic field data 1-46830
- Bevis, M.** see Williams, D. 1-21414, 1-26591
- Bevk, J., Tinkham, M., Habbal, F., Lobb, C.J., Harbison, J.P.** In situ formed multifilamentary composites. I. Coupling mechanisms, stress effects and flux pinning mechanisms 1-47825
- Bevk, J.** see Ashby, M.F. 1-3664
- Bevk, J.** see Dublon, G. 1-30723
- Bevolo, A.J., Beaudry, B.J., Gschneidner, K.A., Jr.** Auger analysis of the passivation of gadolinium by electropolishing 1-31736
- Bevolo, A.J., Campisi, G.J., Shanks, H.R., Schmidt, F.A.** Effectiveness of SiO_2 for preventing silicon-metal reaction at high temperatures 1-16202
- Bevolo, A.J.** see Pan, P.H. 1-38550
- Bewick, A., Kunimatsu, K.** Infrared spectroscopy of the electrode-electrolyte interphase 1-35045
- Bewilogua, K., Bugiel, E., Rau, B., Schurer, C., Weissmantel, C.** Microhardness and structure of reactive ion-plated chromium/carbon films 1-53263
- Bewilogua, K.** see Weissmantel, C. 1-12671
- Bewilogua, L., Knoner, R.** Remarks on forced convection heat transfer in liquid nitrogen and neon 1-15479
- Bewley, D.K., Meulders, J.-P., Octave-Prignot, M., Page, B.C.** Neutron beams from protons on beryllium 1-8998
- Bewley, D.K.** see Huda, W. 1-26790
- Bews, J.R., Glidewell, C.** Molecular fragmentations. II. Structures and energies of molecular fragments derived from formamide and its molecular cation 1-10664
- Bews, J.R., Glidewell, C.** Molecular fragmentations. III. Structures and energies of the transition states in the rearrangement and decomposition of formamide molecular cations 1-10665
- Bews, J.R., Glidewell, C.** Molecular fragmentations. IV. The mass spectral fragmentation of carbon tetrachloride 1-48672
- Bews, J.R., Glidewell, C.** Molecular fragmentations. V. Structures and energies of mass spectral fragments derived from ethyl acetate 1-48673
- Bey, P.** see Noel, A. 1-9035
- Beyec, Y.** see Le Beyec, Y.
- Beyeler, H.U., Pietronero, L., Strassler, S.** Configurational model for a one-dimensional ionic conductor 1-11902
- Beyeler, H.U., Shannon, R.D., Chen, H.Y.** Ionic conductivity of single-crystal $\text{Na}_2\text{YSi}_2\text{O}_{12}$ 1-38579
- Beysens, Y.** see Gorller-Walrand, C. 1-26181, 1-52921
- Beyer, A.** The magnetic field problem and the analytical continuation of the magnetic field for two-dimensional, homogeneously and inhomogeneously magnetized bodies 1-9080
- Beyer, H.** see Kaneyoshi, T. 1-12302, 1-25962
- Beyer, H.F.** see Mann, R. 1-51285
- Beyer, M., Brockmann, R.** Flashover voltage of epoxy resin spacers with defined high resistive contaminations 1-12454
- Beyer, R.P., Ferrante, M.J., Brown, R.R.** Thermodynamic properties of KAlO_2 1-31900
- Beyer, W.** Gear measuring instruments of modern design—their advantages and disadvantages in comparison with universal multi-coordinate measuring instruments 1-23176
- Beyer, W., Pahl, W.** Method for measurement of angle gauge blocks 1-23170
- Beyerlein, A.L.** see McKenna, J.F. 1-14915
- Beylot, J.** see Ducassou, D. 1-49115
- Beynon, J.H.** see Harris, F.M. 1-36767
- Beynon, J.H.** see Mendez Amaya, A. 1-1170
- Beynon, J.H.** see Porter, C.S. 1-43682
- Beynon, J.H.** see Mukhtar, E.J. 1-1171
- Beynon, J.H.** see Szulejko, J.E. 1-29111
- Beynon, L.** JET takes shape 1-28692
- Beys, L., Hillaire, P.** Angular dispersion study of polar phonons of orthorhombic LiH_2PO_4 single crystals 1-35027
- Beysens, D.** Critical fluctuations under shear flow 1-7296
- Beysens, D., Gbadamassi, M.** Shear-induced effects on critical concentration fluctuations 1-16018
- Beys, M., Welter, J.-M., Kaiser, T.** Growth and characterization of pure and doped RE-Al_2 Laves phases 1-3605
- Beys, M.** see Lasser, R. 1-48231
- Bezgin, S.D., Itkis, M.G., Muzychka, Yu.A., Okolovich, V.N., Pustynnik, B.I.** Analysis of the multiple-chance fission of lead isotopes 1-18702
- Bez, W.** Microscopic preparation and macroscopic motion of a Brownian particle 1-9935
- Bezdetnyi, B.P., Glushchenko, A.A.** Numerical-analytical solution of nonstationary convective diffusion problems 1-15540
- Bezhan, N.P.** see Akhmedov, D. 1-51483, 1-51484
- Bezin, S., Garat, A.** Study of the possibility of the conversion to hydrogen use of natural gas transmission networks 1-43830
- Bezine, G.** A mixed boundary integral. Finite element approach to plate vibration problems 1-15442
- Bezirganyan, A.P.** see Bezirganyan, P.A. 1-5448, 1-36778
- Bezirganyan, P.A., Bezirganyan, A.P.** Angular coherency of X-ray characteristic radiation 1-5448
- Bezirganyan, P.A., Bezirganyan, A.P.** Angular coherency of X-ray characteristic radiation and the problems of its focusing 1-36778
- Bezirganyan, P.A., Gabrielyan, R.T., Mshetsyan, A.L.** Experimental investigation of intensity distribution among the reflexes of six-wave X-ray scattering 1-7129
- Bezirganyan, P.A.** see Adamyan, S.A. 1-3333
- Bezirganyan, P.A.** see Egiazaryan, A.M. 1-1514
- Bezirganyan, P.A.** see Papoyan, A.A. 1-7046
- Bezirganyan, P.H., Papoyan, A.A.** Bragg reflection of X-rays from bent crystals 1-38203
- Bezirganyan, P.Kh., Drmcyan, Kh.R.** Fine structure of X-ray interferograms. II. Three-block L-L-L-type X-ray interferometer with defocusing 1-52025
- Bezler, P.** see Hsieh, S.Y. 1-45736
- Bezmenov, V.Y.** see Ardasheva, M.M. 1-24777
- Bezotsoski, V.V., Dolginov, L.M., Eliseev, P.G., Milvidskii, M.G., Sverlov, B.N., Shevchenko, E.G., Shepekina, G.V.** Buried mesa-type CW room-temperature GaInPAs-InP heterojunction lasers in the 1.24-1.28 μ wavelength range 1-46390
- Bezrodnyi, V.I., Przhonskaya, O.V., Tikhonov, E.A., Shpak, M.T.** Nonlinear absorption and thermal defocusing of light in dye solutions 1-51573
- Bezrodnyi, M.K., Faynzil'berg, S.N., Kondrusik, Ye.A.** Investigation of the maximum heat transfer in annular two-phase thermosyphons 1-29678
- Bezruchkova, T.M., Pereyaslova, N.K., Frolov, S.G.** Diagnostic forecasting of the radiation characteristics of solar flares from the parameters of electromagnetic emission 1-4725
- Bezrukh, I.V.** see Shimanskaya, E.T. 1-42526
- Bezruk, L.** see Lipatov, Y. 1-48481
- Bezrukov, L.B., Bugaev, E.V.** Inelastic scattering of muons on nucleons in the diffractive region 1-36866
- Bezrukov, S.M., Drabkin, G.M., Sibilev, A.I., Feigin, A.I.** Electric noise of ion channels formed by amphotericin B in bilayer lipid membranes 1-17354
- Bezryadin, N.N.** see Sysoev, B.I. 1-30835, 1-52655
- Bezsmertnaya, Z.G.** see Abdrakmanov, R.S. 1-52838
- Bezugi, E.V., Bratus', E.N.** Theory of resonance excitation of collective modes in a superconductor using HF electromagnetic field 1-30881
- Bezverkhi, P.P., Martynets, V.G., Matizen, E.V.** A phenomenological description of diffusion processes in nonideal gases 1-15567
- Bezverkhiy, G.I.** see Morozov, V.P. 1-6334
- Bezmyannikh, B.M.** see Sedov, N.Ya. 1-995
- Bezerides, B., Gitomer, S.J.** Role of thermalization for electron distributions 1-51967
- Bezzub, O.P.** see Palistrant, M.E. 1-3093
- Bezzubov, V.A.** see Antipov, Yu.M. 1-5663, 1-45376
- Bezzubov, V.V.** see Mal'tsev, Yu.M. 1-22298
- Bgatova, G.F.** see Kuznetsov, V.L. 1-44153
- Bhadesia, H.K.D.H.** FCC-BCC orientation relationships, surface relief and displacive phase transformations in steels 1-2388
- Bhadra, K., Henry, R.J.W.** Oscillator strengths and collision strengths for S IV 1-6169
- Bhaduri, R.K., Brack, M.** Atomic ground state energies 1-33379
- Bhaduri, R.K., Rac, Z.** Hadronic density of states and quark confinement 1-14349
- Bhaduri, S.** Stresses in a long non-homogeneous acetoalcoholic hollow cylinder of variable density rotating about its axis 1-6757
- Bhaga, D., Weber, M.E.** In-line interaction of a pair of bubbles in a viscous liquid 1-51846
- Bhagat, D.M., Mehta, R.V., Shah, H.S.** Induced optical anisotropy in heterodispersed systems 1-10916
- Bhagat, D.M.** see Mehta, R.V. 1-8044
- Bhagat, J.B.** see Mehta, R.V. 1-8044
- Bhagat, P.K., Kadaba, M.P., Gupta, V.N., Wu, V.** Microprocessor-based system for ultrasonic tissue characterization 1-13367
- Bhagat, P.K., Kerlick, W., Ware, R.W.** Ultrasonic characterization of aging in skin tissue 1-35923
- Bhagat, P.K.** see Gupta, V.N. 1-6740
- Bhagat, S.M., Geohegan, J.A., Chen, H.S.** Magnetic phase diagram of amorphous $(\text{Fe}_{1-x}\text{Ni}_x)_{75}\text{P}_{15}\text{Al}_{10}$ alloys 1-7841
- Bhagat, S.M.** see Rao, K.V. 1-7587
- Bhagavat, G.K.** see Reddy, P.K. 1-16540
- Bhagavat, G.K.** see Sundaram, K.B. 1-43268, 1-52453
- Bhagwat, K.V.** A harmonic oscillator perturbed by the potential $\lambda x^2/(1+gx^2)$ 1-36526
- Bhakay-Tamhane, S.N., Sequeira, A., Chidambaram, R.** Disorder of ammonium ions in diammonium tetrachlorocuprate dihydrate, $(\text{NH}_4)_2\text{CuCl}_4 \cdot 2\text{H}_2\text{O}$: a high-precision neutron diffraction study 1-30151
- Bhaktdarshan** see Nagarajan, R. 1-43218
- Bhalla, M.S.** see Poornachandra Rao, G.V.S. 1-53977
- Bhalla, R.** see Donahue, F.M. 1-31368
- Bhalla, R.K.** see Asgekar, V.B. 1-28758
- Bhamathi, G., Prema, K., Ramachandran, A.** On the existence of charmed multi-quark hadrons 1-505
- Bhandari, C.M., Rowe, D.M.** Theoretical analysis of the thermoelectric figure of merit 1-8731
- Bhandari, C.M.** see Rowe, D.M. 1-13150
- Bhandari, N., Rao, M.N.** Cosmic ray effects in the solar system objects 1-44401
- Bhandari, N.** see Bhattacharya, S.K. 1-22741
- Bhandari, N.** see Hussain, N. 1-27125
- Bhandari, R.C.** see Lodha, N. 1-11830
- Bhanot, G., Creutz, M.** Ising gauge theory at negative temperatures and spin-glasses 1-7858
- Bhanumunavin, V.** Contemporary research and development for the use of solar energy in Thailand 1-21855
- Bhanu Prasad, B., Bhatnagar, A.K., Jagannathan, R.** Mossbauer study of a ferromagnetic metallic glass: $\text{Fe}_{70}\text{Co}_{10}\text{B}_{20}$ 1-39015
- Bhanumurthy, K.** see Misra, N.K. 1-42372
- Bhar, T.N.** see McKnight, S.W. 1-16611
- Bharali, A., Borkakoti, A.K.** Magnetohydrodynamic flow with Hall effects, past an infinite porous plate and heat transfer 1-19820
- Bharatha, S., Levinson, M.** A theory of elastic foundations 1-33888
- Bharathan, D.** see Wallis, G.B. 1-29758
- Bharathi, K.** Reduced matrix elements of a coupled tensor in a subgroup basis 1-32865
- Bharati, S., Gupta, M.P., Sinha, A.P.B., Date, S.K.** Cation distribution of Mn_2FeO_4 —a Mossbauer spectral study 1-12433
- Bhardwaj, R., Pan, R.L., Gross, E.L.** Solar energy conversion by chloroplast photoelectrochemical cells 1-43784
- Bhardwaj, R.K.** see Mallan, K.V. 1-17295
- Bhargava, B.N., Rao, D.R.K., Arora, B.R.** Periodic variations in the equatorial electrojet strength associated with planetary wave 1-54308
- Bhargava, B.N., Sastri, N.S., Arora, B.R., Rajaram, R.** The afternoon counter-electrojet phenomenon 1-44359
- Bhargava, R.** see Agarwal, R.S. 1-34010
- Bhargava, V.K.** see Rao, V.K. 1-53511
- Bhargava, V.P.** see Lakshmi, E. 1-31350
- Bharti, P.** see Khare, P. 1-31038
- Bhashyan, G.R., Prathap, G.** Galerkin finite element method for non-linear beam vibrations 1-19616
- Bhashyan, G.R., Prathap, G.** Non-linear vibration behaviour of beams with elastic rotational restraints 1-51718
- Bhashyan, G.R.** see Prathap, G. 1-1857
- Bhaskar, N.D., Hou, M., Ligare, M., Suleman, B., Happer, W.** Role of Na^+ X molecules in spin relaxation of optically pumped Na in Xe gas 1-24225

- Bhaskara Rao, V., Narasimhaswamy, G. Regional magnetic surveys in Macherla-Agnigundala region 1-22217
- Bhat, A.L., Razdan, H., Sapru, M.L. A new upper limit on optical bursts from primordial black hole explosions 1-36324
- Bhat, C.L., Sapru, M.L., Kaul, C.L. A nonrandom component in cosmic rays of energy $\geq 10^{14}$ eV 1-13651
- Bhat, D.G. see Stiglich, J.J., Jr. 1-16903, 1-21355
- Bhat, H., Clayton, C.R., Herman, H., Jach, J., Zatorski, R. Microstructural characterization of plasma-sprayed ferrous alloys 1-11997
- Bhat, H.L. see Fujimoto, S. 1-8011
- Bhat, H.L. see Shripathi, T. 1-35161
- Bhat, K.N. see Weiner, A.S. 1-26833
- Bhat, M.V. Hydromagnetic lubrication equation for an anisotropic porous slider with slip velocity 1-11808
- Bhat, N.V., Syamal, A., Salvi, S.V., Umadikar, P.H. X-ray K-absorption spectrum of cobalt in some cobalt complexes 1-12601
- Bhat, S.N., Dwivedi, R. Transference number of charge-transfer complexes in solutions: methanol-iodine and ethanol-iodine 1-47270
- Bhat, S.P., Laird, C., Diaz, L., Victoria, J., Gonzalez, R. Comments on 'Cyclic strain hardening in polycrystalline copper deformed at various temperatures [and reply] 1-3768
- Bhate, S.R., Ram, K.S. Dynamics of slender cylindrical elements conveying fluid and subjected to steady axial flow 1-50712
- Bhatgadde, L.G., Mahapatra, S. Improved electroless process of copper coating ceramics. I. Some parameters of coating glass substrates 1-16929
- Bhatia, A.K. see Finkelthal, M. 1-51987
- Bhatia, A.K. see Jacobs, V.L. 1-49493
- Bhatia, A.K. see Wakid, S. 1-1092
- Bhatia, K.G., Lakhina, G.S. Low-frequency electrostatic instability due to anti-loss-cone electrons 1-27331
- Bhatia, K.G., Lakhina, G.S. Drift loss cone instability in the ring current and plasma sheet 1-27345
- Bhatia, R., Mauro, J., Martin, G., Jr. Effects of containment purge on the consequences of a loss-of-coolant accident 1-10466
- Bhatia, S.C. see Gupta, H.K. 1-53998
- Bhatnagar, A.K. see Bhanu Prasad, B. 1-39015
- Bhatnagar, C.S. see Ashgar Hussain, S. 1-21114
- Bhatnagar, C.S. see Shrivastava, R. 1-26116
- Bhatnagar, C.S. see Shrivastava, V.K. 1-31081
- Bhatnagar, C.S. see Srivastava, R.K. 1-31083, 1-39028
- Bhatnagar, C.S. see Variyar, M. 1-39027
- Bhatnagar, G.P. see Desai, B.B. 1-5367
- Bhatnagar, K.B., Gupta, B. Resonance in the restricted problem of three bodies with short-period perturbations in the elliptic case 1-40345
- Bhatnagar, K.B., Gupta, U. The existence and stability of the libration points of an axisymmetric body moving around another axisymmetric body 1-27361
- Bhatnagar, K.G. see Banerjee, M. 1-10053
- Bhatnagar, N.S. see Arya, V.K. 1-24695
- Bhatt, B.L., Wedekind, G.L. Transient and frequency response characteristics of two-phase condensing flows: with and without compressibility 1-38001
- Bhatt, R.C. see Pradhan, A.S. 1-26284
- Bhatt, R.N., Rice, T.M. Clustering in the approach to the metal-insulator transition 1-47478
- Bhatt, R.N., Rice, T.M. Single-particle energy levels in doped semiconductor at densities below the metal-nonmetal transition 1-47566
- Bhatt, R.N. see Rosenbaum, T.F. 1-30793
- Bhatt, Y.C., Schubert, K. Crystal structure of PbI_2 1-2397
- Bhatta, D., Mishra, J.K., Mohanty, S.R. Annealing of chemical radiation damage in strontium nitrate 1-25324
- Bhattacharjee, A.K., Cogblin, B. Induced magnetism in amorphous rare-earth alloys 1-25902
- Bhattacharjee, A.K. see Benoit, A. 1-30898
- Bhattacharjee, J.K., Ferrell, R.A. Frequency-dependent critical diffusion in a classical fluid 1-47269
- Bhattacharjee, J.K. see Ferrell, R.A. 1-52378
- Bhattacharjee, J.K. see Nicoll, J.F. 1-34895
- Bhattacharjee, P. see Anand, J.D. 1-9555, 1-49703
- Bhattacharjee, R.S. Variational function of the Pade type for the ground state of the x^4 anharmonic oscillator 1-41291
- Bhattacharjee, S.K., Williams, I.P. The mass function for stars in a cluster: a theoretical derivation 1-22785
- Bhattacharji, J.C. Determination of Indian absolute geodetic datum by least-square solution technique 1-17550
- Bhattacharya, A., McCutcheon, E.P., Shvartz, E., Greenleaf, J.E. Body acceleration distribution and O₂ uptake in humans during running and jumping 1-53806
- Bhattacharya, A. see Mukherjee, A. 1-4467
- Bhattacharya, A.B., Sarkar, S.K., Sen, A.K. Regular behaviour of the field intensity of VLF atmospherics over Calcutta 1-32500
- Bhattacharya, A.B. see Lakshmi, E. 1-31350
- Bhattacharya, A.B. see Sarkar, S.K. 1-9193
- Bhattacharya, A.K. Effect of hydrogen impurity on breakdown and ionization potentials for Ne-A mixtures 1-38175
- Bhattacharya, D. see Dutta Choudhury, S.B. 1-18119
- Bhattacharya, D.L. see Banerjee, P.N. 1-42784
- Bhattacharya, D.P. Cascade capture of non-equilibrium carriers 1-2988
- Bhattacharya, D.P. Infrared Faraday rotation of hot carriers in covalent semiconductors 1-16545
- Bhattacharya, G. Use of some fermion field identities for bosonisation of $U(n)$ Thirring and Schwinger models 1-50337
- Bhattacharya, G. see Sinclair, J.E. 1-4439
- Bhattacharya, G.C. see Almeida, F. 1-54069
- Bhattacharya, H.P. On the DC Josephson effect 1-52717
- Bhattacharya, H.P. Some correlation between the Cooper pair momentum and the electrostatic potential for the AC Josephson effects 1-52718
- Bhattacharya, J., Staub, N.C. Direct measurement of microvascular pressures in the isolated perfused dog lung 1-49050
- Bhattacharya, M. see Davies, P.O.A.L. 1-24546, 1-24622
- Bhattacharya, M.M., Sengupta, M. Ion-solvent interaction of amino acids, α -alanine in aqueous solution in the cationic, anionic and zwitterionic forms 1-19044
- Bhattacharya, P.K., Bhattacharyya, S.G. Diurnal variation of rainfall in the upper catchments of north Bengal rivers 1-22369
- Bhattacharya, P.K., Chevallier, J., Uggerhoj, E., Mory, J., Quere, Y. Evidence for dechanneling by dislocations 1-52200
- Bhattacharya, P.K., Ku, J.W., Owen, S.J.T., Olsen, G.H., Sun-Hai Chiao LPE and VPE $\text{In}_{1-x}\text{Ga}_x\text{As}_{1-y}\text{P}_y/\text{InP}$: transport properties, defects, and device considerations 1-47766
- Bhattacharya, P.K. see Sharma, R.P. 1-47125
- Bhattacharya, R. Impurities in thin films produced by ion beam sputtering 1-25588
- Bhattacharya, R.N. see Pramanik, P. 1-12674, 1-16700
- Bhattacharya, R.S. see Eckstein, W. 1-16644
- Bhattacharya, R.S. see Poehlman, W.F.S. 1-16645
- Bhattacharya, S.K., Imamura, M., Sinha, N., Bhandari, N. Depth and size dependence of ^{55}Mn activity in chondrites 1-22741
- Bhattacharya, S.K. see Das, N.C. 1-1828
- Bhattacharya, T. see Basu, B. 1-13853, 1-54617
- Bhattacharya, A. A tunnelling-state model for the specific heat capacity and thermal conductivity of amorphous materials at low temperatures 1-47250
- Bhattacharya, A., Streetman, B.G. Theoretical considerations regarding pulsed CO_2 laser annealing of silicon 1-39191
- Bhattacharya, A.B. see Manchanda, L. 1-7745, 1-30758
- Bhattacharya, A.K. see Dunscombe, P.B. 1-27007
- Bhattacharya, B. see Chakraborty, B. 1-24977
- Bhattacharya, B.K. see Nath, L.M. 1-570
- Bhattacharya, D.P. Cosmic ray muon charge ratio derived from the new scaling variable model 1-41014
- Bhattacharya, J.C. Total solar eclipse of February 16, 1980 1-49599
- Bhattacharya, K. Geometric approximation in Rayleigh-Schrodinger perturbation theory 1-45876
- Bhattacharya, K., Bhattacharyya, S.P. The sign-change argument revisited 1-14037
- Bhattacharya, K. see Roy, D.S. 1-35081
- Bhattacharya, P. Theoretical study of the flow field inside a hydrocyclone with vortex finder diameter greater than that of apex opening. I. Laminar case 1-29643
- Bhattacharya, P. Theoretical study of the flow field inside a hydrocyclone with vortex finder diameter greater than that of apex opening. II. Turbulent case 1-29660
- Bhattacharya, P. Unsteady laminar flow in a channel with porous bed 1-29777
- Bhattacharya, P. see Pal, A. 1-2756
- Bhattacharya, S. Wear and friction in steel, aluminum and magnesium alloys. I. Pearlitic and spheroidized steels 1-12883
- Bhattacharya, S. Wear and friction in steel, aluminum, and magnesium alloys. I. Pearlitic and spheroidized steels 1-31689
- Bhattacharya, S., Johnson, V.E., Agarwal, S., Howes, M.A.H. (editor) IITRI fracture handbook. Failure analysis of metallic materials by scanning electron microscopy 1-9781
- Bhattacharya, S.G. see Bhattacharya, P.K. 1-22369
- Bhattacharyya, S.K., Morman, J.A., Bucher, R.G., Smith, D.M., Robinson, W.R., Bennett, E.F. The effect of accidental steam entry on gas-cooled fast reactor integral neutronics parameters 1-833
- Bhattacharyya, S.K. see Thomas, L. 1-44276
- Bhattacharyya, S.N. see Kanrar, A. 1-24618
- Bhattacharyya, S.P., Banerjee, M. An average 'hole-potential' method for studying properties of molecules in excited states: a test calculation on thiophosgene 1-6163
- Bhattacharyya, S.P. see Bhattacharyya, K. 1-14037
- Bhattacharyya, S.S., Dickinson, A.S. On the infinite-order sudden approximation for rotational excitation 1-14981
- Bhattacharyya, S.S., Dickinson, A.S., Richards, D. Correspondence principle model for rotational transitions in $\text{Li}_2(\text{A}^2\Sigma_u^-)$ -rare-gas collisions 1-6347
- Bhattacharyya, T., Basu, B. A fluid dynamical flow model for the central peak in the rotation curve of disk galaxies 1-36390
- Bhattacharjee, S.B. see Brahmachari, R. 1-38940
- Bhattacharjee, S.K. see Datar, V.M. 1-5743
- Bhattacharjee, S.K. see Kroth, R. 1-18561
- Bhattacharya, R.S. Nonresonant charge transfer in ion-surface scattering 1-31258
- Bhatti, A.R., Grundy, P.J., Jones, G.A., Scarsbrook, D.A., Tebble, R.S. Lorentz electron microscopy of some amorphous and annealed Fe alloys 1-30065
- Bhavani, K., Vaidyan, V.K. Asymptotic form of oxide growth for aluminum thin films 1-16974
- Bhavsar, D.K. see Vook, R.W. 1-47349
- Bhawalkar, D.D. see Pant, H.C. 1-42176
- Bhedwar, H.C., Laughlin, D.E., Heckel, R.W. The oxidation behavior of alumina-coated γ/δ directional eutectics 1-8474
- Bhida, M.R. see Asgarkar, V.B. 1-28758
- Bhida, M.R. see Patil, N.K. 1-5434
- Bhide, V., Husson, E., Gasperin, M. Study of the structure of GTB niobates by IR absorption and diffusion Raman spectra 1-25218
- Bholagir, A.P. see Sharon, M. 1-17218
- Bhonsle, B.R., Subramanian, S. Problem for propagation of waves in an elastic solid medium with the boundary conditions as distributions 1-11336
- Bhonsle, B.R. see Patil, P.B. 1-1860
- Bhonsle, R.V., Degaonkar, S.S. Estimation of coronal magnetic field from Razin effect in solar decametric continuum burst 1-36257
- Bhonsle, R.V. see Sawant, H.S. 1-4883
- Bhoraskar, S.V. see Jog, J.P. 1-52265
- Bhoraskar, S.V. see Walzade, S.J. 1-34977
- Bhoraskar, V.N. see Asgarkar, V.B. 1-28758
- Bhoraskar, V.N. see Patil, N.K. 1-5434
- Bhowmik, J.B. An exact analytical solution in radiation gas dynamics 1-54504
- Bhowmik, B.B., Chattopadhyay, S.P. Charge transfer complexes of iodine with aromatic hydrocarbons 1-51287
- Bhowmik, B.B. see Chattopadhyay, S.P. 1-48724
- Bhowmik, R.K., Pollacco, E.C., Sanderson, N.E., England, J.B.A., Newton, D.A., Morrison, G.E. Emission of alpha particles in deep inelastic reactions induced by 148 MeV ^{19}F beam 1-50647
- Bhowmik, R.K. see Morrison, G.C. 1-45520
- Bhuin, N.C. see Verma, R.K. 1-22203
- Bhushan, B. Characterization of RF-sputter-deposited chromium oxide films 1-30590
- Bhushan, M., Catalano, A. Polycrystalline Zn_3P_2 Schottky barrier solar cells 1-48836
- Bhushan, M. see Catalano, A. 1-12181
- Bhushan, S., Asare, R.P. Preparation of ZnO phosphors by a new technique 1-8263
- Bhushan, S., Asare, R.P. Effect of grinding on the photo and electroluminescence of ZnO electroluminescent phosphors 1-52996
- Bhushan, S., Kaza, B.R., Pandey, A.N. Photo- and electroluminescence of rare earth doped ZnO electroluminescent at liquid nitrogen temperature 1-39135
- Bhushan, S., Pandey, A.N., Rao Kaza, B. Brightness waves of electroluminescence in $\text{ZnO}:\text{La}$ electroluminescent 1-52997
- Bhushan Gupta, V., Lahiri, J. Non linear viscoelastic behavior of polypropylene and glass reinforced polypropylene in creep 1-48422
- Bhutani, O.P., Sharma, N.L. Self-similar solutions of irrotational axial, C_2 -symmetric hypersonic flow equation 1-29719
- Bhutani, V.K. see Sivieri, E.M. 1-35927
- Bia-lin Hao see Guang-zhe Zhou 1-9962
- Bia-zhe Zhang see Zhang Bia-zhe
- Biagi, A. see Arrighini, G.P. 1-15021
- Biagi, S.F. see Battia, C.J. 1-51322
- Bialas, J., Firth, W.J., Toschek, P.E. Two-photon light shift 1-51164
- Bialas-Borgiel, K., Skrzypek, D., Zipper, E. The effect of paramagnetic impurities on EPR linewidth in KMnF_6 . Experimental and theoretical studies 1-26022
- Bialek, J. see Cargulia, G. 1-928
- Bialek, J. see Johnson, H.G. 1-6010
- Bialkowska, H. see Abdrhmanov, E.O. 1-722

- Bialkowski, S.E.,** Guillory, W.A. Selection rules and line-strength factors for multiphoton transitions in gas phase molecular spectroscopy 1-51252
- Bialod, D.** Electromagnetic waves in industrial high-frequency ovens. Model simulation of a periodic structure containing a heterogeneous charge 1-24322
- Bialy, J.** see Ignaczak, J. 1-37804
- Bialynicki-Hirula, I.** Phase representation of intense photon beams and its application 1-14283
- Bian, S.,** Malan, G.F., Schwenk, G.A. Multidimensional analysis of PWR accidents using the BWKIN (MEKIN) code 1-10456
- Bian Wenkuan** see Lu Zhongjiu 1-24758
- Bian Yu-lin** see Yang Lan-tian 1-40574
- Biancastelli, R.** see Diddens, A.N. 1-14747
- Biancastelli, R.** see Jonker, M. 1-10194, 1-14432, 1-45258
- Biancastelliok, R.** see Diddens, A.N. 1-23998
- Bianchi, A.,** Ferrario, A. Properties and applications of coherent tunable sources in the near and middle infra-red range 1-1638
- Bianchi, L.** see Bernacca, P.L. 1-54510
- Bianchi, R.,** Coradini, M., Fulchignoni, M., Flamini, E. A comparative study of geological evolution of Venus 1-44458
- Bianchi, R.,** Fulchignoni, M., Evangelista, S. Planetary cratering: on the conical shape of lunar fresh craters 1-44453
- Bianchi, R.,** Fulchignoni, M., Evangelista, S. Planetary cratering: a model to estimate the morphometric modification of lunar fresh craters 1-44454
- Bianchi, R.,** Gramaccioli, C.M., Pilati, T., Simonetta, M. Solving structures by constrained least-squares refinement 1-34189
- Bianchin, R.** see Bath, A. 1-30706
- Bianco, B.,** Drago, G.P., Marchesi, M., Martini, C., Morando, M., Morgavi, G., Ridella, S., Mela, G.S. Measuring and modelling human erythrocytes and sera behaviour at microwave frequencies 1-53951
- Bianco, W.** Del see Del Bianco, W.
- Bianconi, A.,** Bauer, R.S. Evidence of SiO at the Si-oxide interface by surface soft X-ray absorption near edge spectroscopy 1-8159
- Biasi, L.,** Castellano, L., Holtbecker, H., Schins, H. Interaction between molten pool and catcher [in LMFBR] 1-5868
- Biasi, R.S.** de see Di Biasi, R.S.
- Biasio, A.** Di see Di Biasio, A.
- Biassoni de Serra, E.C.** see Meyer, J. 1-11263
- Biba, T.S.,** Petrov, N.S., Dzhlavdari, I.Z. Reflection of light from an inhomogeneous inverted medium with limited amplifying region 1-46268
- Bibber, K.** Van see Van Bibber, K.
- Bibbo, G.,** Sanford, P.W. The escape gated proportional counter—a low background and high energy resolution hard X-ray detector 1-37073
- Biber, C.L.** see Tonkonogy, J.M. 1-53794
- Biberian, J.P.** see Sachtleir, J.W.A. 1-17104
- Biberian, J.P.** see Van Hove, M.A. 1-47344, 1-47345
- Bierman, L.M.** On the dielectric strength of a material in the supercritical state 1-29832
- Bibik, V.F.** see Yakimova, E.E. 1-21809
- Bibiloni, A.G.** see Pasquevich, A.F. 1-47986
- Biblarz, O.** see Barto, J.L. 1-38176
- Biblik, I.V.** see Komnik, S.N. 1-12790
- Bibok, G.** see Gal, J. 1-45800
- Bicak, J.,** Dvorak, L. Stationary electromagnetic fields around black holes. III. General solutions and the fields of current loops near the Reissner-Nordstrom black hole 1-23091
- Bice, A.** see Back, B.B. 1-45552
- Bice, A.N.** see Shotton, A.C. 1-33251, 1-51068
- Bich, P.M.** Strength of gypsum in hydrostatic tension 1-31562
- Bichenkov, E.I.** see Bacv, V.K. 1-46795
- Bicher, H.I.** The physiological effects of hyperthermia 1-39887
- Bicher, H.I.,** Hetzel, F.W., Sandhu, T.S., Frinak, S., Vaupel, P., O'Hara, M.D., O'Brien, T. Effects of hyperthermia on normal and tumor microenvironment 1-39889
- Bichuya, A.L.** see Fedorov, V.V. 1-34583
- Bickel, J.H.** Thermal-hydraulic analysis of the February 26, 1980 loss-of NNI bus transient at Crystal River 3 1-50808
- Bickel, J.H.** see Abbott, E.C. 1-50832
- Bickel, W.S.,** Gilliar, W., Bell, B. Light scattering from fibers: a closer look with a new twist 1-10907
- Bickel, W.S.,** Stafford, M.E. Biological particles as irregularly shaped scatterers 1-8900
- Bickerstaff, R.P.,** Wybourne, B.G. Dissociation calculations for S-wave multi-quark systems 1-40963
- Bickerstaffe, R.** see Bosanquet, A.G. 1-13369
- Bickerton, R.J.** Pinch research 1-6991
- Bickford, R.G.** see Wong, P.K.H. 1-32266
- Bickley, R.P.,** Eddolls, D.W., Maher, E.F. Extrinsic photoconductivity in platinum-doped silicon 1-20795
- Bicknell, G.V.,** Henriksen, R.N. The dynamical importance of magnetic fields in beam models of radio galaxies 1-4989
- Bicknell, P.A.,** Block, R.C., Krycek, G., Nakagome, Y. A hemispherical fission ion chamber designed for $\leq 1 \mu\text{g}$ samples 1-23972
- Bidasaria, H.,** Fishbane, P.M., Noble, J.V. The impulse approximation in high-energy highly inelastic electron scattering from nuclei 1-50587
- Bidaux, R.,** Conte, R., Nasser, J.A. More on spin orientation in MnO at 0K and zero applied field: theoretical predictions 1-26000
- Bidaux, R.,** de Seze, L. Exact solution of the 2D 'brickwork' Ising model with second neighbour interactions in the horizontal direction 1-52784
- Bidaux, R.** see Villain, J. 1-20944
- Biddick, C.J.,** Burnett, T.H., Lyon, D.E., Jr., Masek, G.E., Miller, E.S., Smith, J.G., Stroniski, J.P., Sullivan, M.K., Vernon, W., Wallace, J. A study of double tagged two-photon reactions at SPEAR 1-18532
- Bideau, D.** see Troadec, J.P. 1-34672
- Bideau-Mehu, A.,** Guern, Y., Abjean, R., Johannin-Gilles, A. Improved MgF_2 etalon plates for Fabry-Perot interferometry in the VUV from 170 to 138 nm 1-334
- Bidermanis, L.K.** see Eiduk, Yu.Ya. 1-35415
- Bidikov, S.** see Krejov, K. 1-12268
- Bidikov, S.I.** see Jordanova, I.D. 1-23929
- Bieber, A.M.,** Jr. see Fiarman, S. 1-18752
- Bieber, J.W.,** Stone, E.C. Streaming energetic electrons in Earth's magnetotail: evidence for sub-storm-associated magnetic reconnection 1-36111
- Biedenbarn, L.C.** see Horwitz, L.P. 1-5130, 1-5523
- Biedenbarn, L.C.** see Mukunda, N. 1-14344
- Bieg, K.W.,** Wischmann, K.B. Plasma-polymerized organosilanes as protective coatings for solar front-surface mirrors 1-13101
- Biegala, L.,** Borovic, A.E. Interaction of solitary spin waves 1-25915
- Biegelsen, D.K.** see Nemanich, R.J. 1-52070
- Bieger, J.,** Adrian, H., Muller, P., Saemann-Ischenko, G., Haase, E.L. Superconductivity and electrical resistivity of amorphous $\text{Nb}_3\text{Ge}_{25}$ and $\text{Nb}_{30}\text{Si}_{20}$ after heavy ion irradiation at low temperature 1-42883
- Bieger, W.** see Hothker, K. 1-25088
- Biegling, J.,** Downes, D., Wilson, T.L., Martin, A.H.M., Gusten, R. Formaldehyde in the galactic center region: observations 1-9633
- Biehl, D.** see Ruland, F. 1-17822, 1-32700
- Biehl, G.E.** see Bowerman, B.S. 1-2631
- Biel, J.** see Berg, D. 1-28320
- Biel, J.** see Collick, B. 1-45290
- Bielefeldt, D.,** Willner, H. Vibration spectra and harmonic force field of $\text{C}_7\text{F}_7\text{SCl}$ and SCl_2 1-14897
- Bielefeldt, K.** High speed cold forming of thermoplastics 1-8267
- Bielke, K.,** Schieder, R. Investigation of the absorptions of monoisotopic OsO_4 with CO_2 and N_2O laser lines with saturation spectroscopy 1-24150
- Bielle-Daspert, D.,** Castaner, L., Gasset, G., Ben-zohra, M. Changes in lifetime and diffusion length due to the electron and proton bombardment of silicon solar cells 1-13138
- Biellmann, J.,** Meyer, B., Schwab, C. Anisotropy of exciton polaritons and polariton-phonon interaction in 2H-PbI₂ crystals. I. Structure of the fundamental excitonic emission 1-48156
- Bielski, A.,** Bobkowski, R., Dokurno, W., Szudy, J. Low pressure shift of the $2p^3 2p^4$ spectral lines of neon perturbed by neon and helium 1-37156
- Bielski, A.,** Wasilewski, J. Hartree-Fock calculations of the interaction potential parameters for noble-gas atoms 1-6339
- Bielski, A.** see Lisicki, E. 1-19174
- Bielski, W.,** Matysiak, S. Green functions for some problems of electrostaticity 1-31091
- Bien, F.,** Camac, M., Caulfield, H.J., Ezekiel, S. Absolute distance measurements by variable wavelength interferometry 1-40840
- Bienert, W.B.** The heat pipe and its application to solar receivers 1-26851
- Bienestock, A.** see Shimomura, O. 1-35121
- Bienfait, M.** Two-dimensional phase transitions of simple molecules adsorbed on graphite 1-7298
- Bienfait, M.** see Coulomb, J.P. 1-11974, 1-52416
- Bieniek, R.J.** see Watson, W.D. 1-9354
- Bienkowski, A.** Magnetoelastic properties of some ferrites as transducers for measuring compressive stresses 1-26009
- Bienlein, J.K.** see Bock, P. 1-10234
- Bienlein, J.K.** see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Bienvenu, H.** see Bauer, J. 1-2400
- Bienvenu, M.P.,** Woodbury, D., Rabson, T.A. Hologram decay in $\text{LiNbO}_3:\text{Fe}$ with a time varying conductivity 1-1516
- Bienvenue, E.,** Msika, R., Dubois, J.-E. Linear solvation energy relationships. The interpretation of solvent effects on the free energies of formation of tribromide and triiodide ions 1-48717
- Bienwald, B.** see Makhaldiani, V.V. 1-4246
- Bierfischer, U.** see Ebeling, W.D. 1-39803
- Bieri, G.** see von Niessen, W. 1-14960
- Bieri, J.B.** see Asomoza, R. 1-30722
- Bieri, J.B.** see Oussel, J.C. 1-30696
- Bierke, P.** see Nilsson, A. 1-43903, 1-53825
- Bierlein, J.D.** see Brixner, L.H. 1-9014
- Bierman, S.R.** see Lloyd, R.C. 1-10462
- Biermann, P.,** Harwit, M. On the origin of the grain-size spectrum of interstellar dust 1-22871
- Biermann, P.** see Kronberg, P.P. 1-54645
- Biernacki, S.W.** Reduction of the energy splitting of an E-state by Jahn-Teller coupling and by covalency 1-25671
- Biernat, T.,** Beben, J., Ciszewski, A. Favourable growth conditions of potassium epitaxial layers on tungsten FEM emitter 1-2835
- Biersack, J.P.** see Hagmark, L.G. 1-26337
- Biersack, J.P.** see Uecker, H. 1-26338
- Bierschbach, J.A.,** Champion, J.R., Fry, G.W., Nilsson, B.A., Seigal, S.D. Portable reflectometer 1-10006
- Bies, D.A.,** Hansen, C.H. Flow resistance information for acoustical design 1-24588
- Bies, D.A.** see Hansen, C.H. 1-24599
- Biesen, J.J.H.** van den see van den Biesen, J.J.H.
- Bieszk, J.A.,** Knutson, L.D. Determination of the D_2 parameter for (d, ^3He) reactions 1-23632
- Biga, A.J.,** Rosa, R. Estimating solar irradiation sums from sunshine and cloudiness observations 1-8682
- Bigam, G.** see Kotovych, G. 1-21978
- Bigay, J.H.,** Paturel, G. The diameter-luminosity relation for elliptical and lenticular galaxies 1-9665
- Bigelow, J.E.** see Collins, E.D. 1-18856
- Bigelow, R.W.** Counterion and solvent perturbations to the electronic structure of substituted pyrylium cations: a CNDO/S study 1-10638
- Bigelow, R.W.,** Freund, H.-J. Solid state effects on core-hole spectra 1-33380
- Bigelow, R.W.** see Freund, H.-J. 1-51123
- Bigg, E.K.** Comparison of aerosol at four baseline atmospheric monitoring stations 1-22419
- Biggers, J.V.** see Bowen, L.J. 1-3683
- Biggers, J.V.** see Shrodt, T. 1-26128
- Biggers, J.V.** see Venkataramani, S. 1-3787
- Biggley, W.H.** see Lall, A.B. 1-49179
- Biggs, P.J.** see Bjargnard, B.E. 1-9027
- Biggs, P.J.** see Ling, C.C. 1-6112
- Bighele, L.,** Cobble, J.A. Electron heating and confinement measurements in the EBT-S toroidal core plasma with Thomson scattering 1-46905
- Bigi, A.** A property of the principal axis in the multiparticle systems 1-45368
- Bigi, F.** CCITT recommendation on optical fibres and future studies 1-51632
- Bigi, I.I.Y.** Tests of various models for the weak decays of heavy flavour states 1-10198
- Bigi, I.I.Y.** A remark concerning 20 plot dominance in charm decays 1-10206
- Bigi, I.I.Y.** Towards a quantitative description of hadronic weak decays: evolution equations for heavy flavour mesons 1-40988
- Bigi, I.I.Y.,** Krasemann, H. Weak decays of heavy vector mesons toponium and open top 1-40987
- Bigianni, G.F.,** Bennett, K., Bucheri, R., Caraveo, P.A., Hermesen, W., Kanbach, G., Lichti, G.G., Masnou, J.L., Mayer-Hasselwander, H.A., Paul, J.A., Sacco, B., Scarsi, L., Swanenburg, B.N., Wills, R.D. 3C 273 revisited: confirmation by COS-B of high energy gamma-ray emission 1-36429
- Bigianni, G.F.,** Caraveo, P.A. The log N-log S graph for the COS-B galactic gamma-ray sources 1-49854
- Bigianni, G.F.** see Caraveo, P.A. 1-22865
- Bigianni, G.F.** see Kanbach, G. 1-13792
- Bigianni, G.F.** see Lall, A.B. 1-9721
- Bigianni, G.F.** see Pollock, A.M.T. 1-44631
- Biguon, M.J.** Power from the sun by thermodynamics French tower type projects 1-17170
- Biguon, M.J.** The influence of the heat transfer fluid on the receiver design [solar power stations] 1-26850
- Bigot, B.,** Devaquet, A., Sevin, A. Influence of unsaturated chromophore excitation on the feasibility and selectivity of adjacent σ bond cleavage 1-48648
- Bigot, J.** see Calvayrac, Y. 1-3783, 1-26419
- Bigot, J.** see Corbel, C. 1-2500
- Bigot, J.** see Hillairet, J. 1-34371
- Biheller, J.** see Hanzlik, J. 1-53324
- Bijl, G.K.,** Melchior, H.J., Veringa, F. Recording the visual electrically evoked potential (VEEP) 1-27015
- Bijvank, E.J.,** den Hartog, H.W. Zero-field splitting of the $4f^7$ state: a systematic investigation of $\text{Gd}^{3+}\text{-M}^{+}$ complexes in CaF_2 1-20676
- Bijvank, E.J.,** den Hartog, H.W. Zero-field splitting of the $4f^7$ state: an electrostatic theory for $\text{Gd}^{3+}\text{-M}^{+}$ complexes in CaF_2 1-20677
- Bijvoet, J.,** de Jong, M.H., Holscher, H., de Châtel, P.F. Thermal expansion and magnetotriation of Mg single crystals with heavy rare-earth impurities 1-20985

- Bikeev, O.N., Deryugin, L.N., Reutov, A.T.**
Field-distribution fluctuations in lithium niobate waveguides: a new self-effect 1-33801
- Bikeev, S.S., Ikhsanov, R.N., Samitov, Y.Y.**
Estimation of kinetic parameters for intermolecular exchange in a system comprising lanthanide shift reagent and substrate on the basis of the temperature dependences of ^1H NMR spectra 1-24172
- Bikmatov, R.G.** see Alipchenkov, V.M. 1-19949
- Biktimirov, R.S., Brantiskii, G.A., Ivanov, V.O., Kalent'ev, V.K., Kaparikha, A.V., Lyando, V.A., Rogach, L.P., Sviridov, V.V., Stashonok, V.D.**
Obtaining photographic images in silver halide layers with a smaller silver content during silverless development 1-28102
- Bikulcius, G.** see Paulavicius, R. 1-16926
- Bilancin, A.J.** see Hecht, A.M. 1-15531
- Bilbault, J.M.** see Chaussois, G. 1-26839
- Bilbro, J.** Atmospheric laser Doppler velocimetry: an overview 1-4649
- Bilde-Sorensen, J.B.** Incubation period models for determining friction stress in creep - comment on two papers by M. McLean 1-52223
- Bilek, Z.** see Buchar, J. 1-12801, 1-47118, 1-48438
- Bilielo, J.C.** see Messmer, C. 1-42389
- Bilenkaya, S.I., Kazarinov, Yu.M.** Neutron form factors. (Analysis of the data on elastic dc scattering) 1-5623
- Bilenkaya, S.I., Khristova, E.Kh.** On the P-odd asymmetry in the elastic scattering of polarized electrons on nucleons 1-10225
- Bilenky, S.M., Pontecorvo, B.** Majorana and Dirac masses, neutrino oscillations and the number of charged leptons 1-5553
- Bilgen, E., Galindo, J.** High temperature solar reactors for hydrogen production 1-43812
- Bilgen, E., Haggag, Y.** Study of the velocity field in the vicinity of a self-cleaning prosthetic heart valve 1-22053
- Bilger, R.C.** see Rabinowitz, W.P. 1-13254
- Bililina, E.N.** see Solonina, O.P. 1-16794
- Bilim, N.** Fermion zero modes in finite temperature Yang-Mills theory 1-18371
- Bilinkin, V.A.** see Belogurov, V.N. 1-12436, 1-52876
- Bil'ko, M.I., Tomashevskii, A.K., Chuiko, V.G.**
Metrological provisions for new-type thermoelectric small- and medium-power UHF wattmeters 1-293
- Bill, H.** see Buhner, W. 1-11823
- Bill, H.** see De Siebenthal, J.M. 1-43008
- Billan, J., Rind, J., Wolf, F.** Variations in the characteristics of the superconducting wire used for the ISR superconducting high-luminosity insertion 1-51006
- Billard, J.** The mesophases and their orientation by solid ^2F faces 1-38260
- Billard, J.** see Cuvelier, P. 1-20082
- Billard, M.** see Philibert, M. 1-37560
- Billardom, M.** see Bazin, C. 1-23880, 1-41264
- Billaud, D., Herold, A., Lincoln Vogel, F.** The synthesis and resistivity of the ternary graphite-K-Na compounds 1-8248
- Billaud, D., McRae, E., Mareche, J.F., Herold, A.**
New results concerning the lithium-pyrophyllite system 1-47627
- Billaud, D., Mareche, J.F., McRae, E., Herold, A.**
High stage alkali metal-graphite intercalation compounds 1-34755
- Billaud, D., Pron, A., Lincoln Vogel, F., Herold, A.** Intercalation of pyrophyllite by NO_3^- and NO_2^- salts 1-31703
- Billaud, D., Pron, A., Vogel, F.L.** Electrical resistivity and X-ray spacings of graphite tetrafluoroborate, hexafluorophosphate and hexafluoroantimonate compounds synthesized from nitro-nitro salts 1-38768
- Billaud, D.** see Furdin, G. 1-20952
- Billaud, D.** see Mareche, J.F. 1-38904
- Billaud, D.** see Miller, G.R. 1-38989
- Billaud, G.** Short study of the FK4 catalogue based on astrolabe observations 1-44075
- Billaux, M.** see Schmitz, F. 1-822
- Biller, E.D.** see Hubbard, W.B. 1-40406
- Billerye, D., Terrier, C., Poinon, A., Redoules, J.P.** Low-field magnetic properties of anhydrous NiCl_2 1-12270
- Billerye, D.** see Adam, A. 1-16486
- Billerye, R., Cerruti, C., Chevarier, A., Chevarier, N., Cheynis, B., Demeyer, A., Zohni, O.**
Local equilibration and diffusive phenomena in $^{40}\text{Ar}/^{27}\text{Al}$ and $^{14}\text{N}/^{27}\text{Al}$ heavy ion reactions 1-18675
- Billet, J.** see Soubaranyan, V. 1-10545
- Billia, B., Ahoud, H., Capella, L.** Stable cellular growth of a binary alloy 1-11705
- Billia, B.** see Coulet, A.L. 1-11707
- Billig, F.S.** see Schetz, J.A. 1-19742
- Billig, A.** Scintillation gammacamera with computer-based data-processing system 1-45776
- Billig, G.D.** Semiclassical calculation of cross sections and rate constants for vibrational deactivation of $\text{HD}(v=1)$ colliding with ^4He 1-10820
- Billig, G.D.** Semiclassical calculation of energy transfer in polyatomic molecules. IV. A graphic method for solution of the M-quantum case 1-10825
- Billing, G.D.** Semiclassical calculation of the rate constant for the process $\text{N}_2(v=1) + \text{N}_2(v=0) \rightarrow 2\text{N}_2(v=0) + 2330.7 \text{ cm}^{-1}$ at low temperatures 1-19175
- Billing, G.D.** see Capitelli, M. 1-26719
- Billing, G.D.** see Poulsen, L.L. 1-29085
- Billing, H.** see Schilling, R. 1-27853
- Billingham, J.** see Chubb, J.P. 1-12890
- Billings, R.E.** Hydrogen storage by metal hydrides: a key to mobile hydrogen transportation systems 1-21934
- Billiotte, M.** see Petit, J.-P. 1-42215
- Billker, D.** see Nagorny, K. 1-21102
- Billmann, J.** see Timper, J. 1-35046
- Bilmeier, F.W., Jr., Tak-Fu Chong** Calculation of the spectral radiance factors of luminescent samples 1-21254
- Billon, D.** see Launspach, J. 1-46904
- Billon, M.C.** see Liu, Y.Y. 1-41165
- Billotet, C., Binder, K.** Dynamic correlation of fluctuations during spinodal decomposition 1-7340
- Billoudet, F.** see Vogel, C. 1-30551
- Billquist, P.J., Yntema, J.L.** Improved extraction of negative ion beams from the inverted sputter source 1-23917
- Bills, M.** see Brethauer, E.W. 1-45742
- Billy, L.** de see de Billy, L.
- Billy, M., Labbe, J.-C., Selvaraj, A., Roul, G.**
Structural modification of silicon oxynitride under thermal constraint 1-20153
- Billy, M.** see Lefort, P. 1-39523
- Bilmes, S.A., de Taconis, N.R., Arvia, A.J.** The multiplicity of anodic current peaks related to the potentiodynamic electro-oxidation of carbon monoxide on polycrystalline platinum 1-21732
- Bilobrov, V.M.** see Panichkina, V.A. 1-37211
- Bilovech, R.M.** Supporting capacity of cylindrical tubes in biaxial loading 1-1841
- Blotta, R.M., Farrar, J.M.** On the competitive role of reagent vibration and translation in the exothermic proton transfer reaction $\text{H}_2 + \text{Ar} - \text{HAr}^+ + \text{H} 1-48665$
- Bilovol, V.S.** see Azhazha, V.M. 1-31352
- Bilpuch, E.G.** see Chou, B.H. 1-5765
- Bilpuch, E.G.** see Wells, W.K. 1-10366
- Bisby, C.F.** see Pickman, D.O. 1-41177
- Bilt, A.** van der see van der Bilt, A.
- Bilt, G.R.** see Byrne, M. 1-4047
- Bily, M.** see Kliman, V. 1-3839, 1-8381
- Bily, L.M.** see Shvet, M.M. 1-35377
- Bilz, H.** see Dohler, G.H. 1-30057
- Bilz, H.** see Gutherodt, G. 1-48080
- Bimberg, D.** see Bubenzer, A. 1-47181
- Bimberg, D.** see Reinecke, T.L. 1-52493
- Bimbot, L.** see Boudard, J. 1-41117
- Bimbot, R.** see Boderie, B. 1-23703
- Bimbot, R.** see Dufour, J.P. 1-45526
- Bimbot, R.** see Hubert, F. 1-5034
- Bina, M., Sturtevant, J.M., Stein, A.** Stability of DNA in nucleosides 1-13223
- Bind, J.M.** see Manificier, J.C. 1-53089
- Bindal, A.** see Jait, G.C. 1-31120
- Bindemann, R.** see Wilke, I. 1-12574
- Binder, A.B.** On the internal structure of a Moon of fission origin 1-9392
- Binder, A.B.** The seismological distribution of deep moonquake epicenters 1-17776
- Binder, A.B.** Shallow moonquakes: argon release mechanism 1-36204
- Binder, A.B., Nordstrom, T.V.** Effects of metallurgical microstructure of armatures on compressed magnetic field generators 1-33015
- Binder, K.** Monte Carlo simulation of dilute systems and of two-dimensional systems 1-7797
- Binder, K.** Spin glasses: A brief review of experiments, theories, and computer simulations 1-12334
- Binder, K.** Static and dynamic critical phenomena of the two-dimensional q-state Potts model 1-40720
- Binder, K.** see Billotet, C. 1-7340
- Binder, K.** see Kremer, K. 1-34213
- Binder, K.** see Morgenstern, I. 1-3198, 1-34894
- Bindi, R., Lanteri, H., Rostaing, P., Keller, P.**
Theoretical efficiency of back-scattered electrons in secondary electron emission from aluminium 1-26320
- Bindi, R.** see Lanteri, H. 1-50071
- Binet, A.** see Mestdagh, J.M. 1-24213
- Binetruy, P., Girardi, G.** Jets in leptoproduction from QCD 1-45268
- Binetruy, P., Schucker, T.** On weak angles in unified theories with more than one neutral current 1-28263
- Binetruy, P., Schucker, T.** Gauge and renormalization scheme dependence in GUTS 1-45175
- Binetruy, P., Schucker, T.** The use of dimensional renormalization schemes in unified theories 1-45176
- Binev, I.G.** see Kaneti, J. 1-14886
- Bing, O.H.L.** see Wiegner, A.W. 1-22051
- Bing An Li** see Donoghue, J.F. 1-50383
- Bing-an Li** see Li Bing-an
- Bing-lin Young** see Puhala, M.J. 1-45332
- Bing-ping Yang** see Yang Bing-ping
- Bing-quan Zhang** see Zhang Bing-quan
- Bing-tai Zhou** see Zhou Bing-tai
- Bing-yu Yan** see Yan Bing-yu
- Binger, B.R.** Long-run costs in uranium production 1-26809
- Bingfu Ren** see Ren Bingfu
- Bingham, C.R.** see Braga, R.A. 1-18536
- Bingham, C.R.** see Carter, H.K. 1-10314
- Bingham, C.R.** see Ellis-Akavali, Y.A. 1-41080
- Bingham, C.R.** see Toth, K.S. 1-50561
- Bingham, D.K.** see Evans, M.E. 1-53969
- Bingham, D.K.** see Klootwijk, C.T. 1-32346
- Bingham, R.** see Fried, B.D. 1-19888
- Bingle, J.D.** see Baker, L., Jr. 1-5876, 1-5882
- Bingle, J.D.** see Farhadich, R. 1-50824
- Binggand, D.** see van der Vliet, G.H. 1-13228
- Binh, L.N., Livingstone, J.** A wide-band acousto-optic TE-TM mode converter using a doubly confined structure 1-1723
- Binh, L.N., Livingstone, J.** Optimisation of a collinear acousto-optic TE-TM mode converter LiNbO_3 1-24495
- Binh Chyong Za** see Chyong Za Binh
- Binh Vu Thien** see Vu Thien Binh
- Bini, M., Bizzeti, P.G., Sona, P.** Calculation of the parity mixing between the lowest 0^+ , 0^- and 0^{++} levels in ^{18}F 1-30499
- Bini, M., Gelbke, C.K., Scott, D.K., Symons, T.J.M., Doll, P., Hendrie, D.L., Laville, J.L., Mahony, J., Mermaz, M.C., Olmer, C., Van Bibber, K., Wieman, H.H.**
Alpha particle emission in peripheral heavy ion reactions at 20 MeV/u 1-14541
- Bini, M.** see Lebrun, D. 1-41089
- Binkley, J.S.** see Jeffrey, G.A. 1-20174
- Binks, J.H., Duffy, J.A.** A molecular orbital treatment of the basicity of oxanion units 1-2333
- Binnall, E.P.** Instrumentation and computer based data acquisition for in-situ rock property measurements 1-807
- Binnay, J., de Vaucouleurs, G.** The apparent and true ellipticities of galaxies of different Hubble types in the Second Reference Catalogue 1-44639
- Binnie, C.D., Darby, C.E., De Korte, R.A., Veldhuizen, R., Wilkins, A.J.** EEG sensitivity to television: effects of ambient lighting 1-49139
- Binnie, D.M.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Binning, G., Barotoff, A., Hoenig, H.E., Bednorz, J.G.** Two-band superconductivity in Nb-doped SrTiO_3 1-7785
- Binnig, G., Gerber, C.** Liquid helium level indicator 1-50149
- Binnas, B.W.** see Weaver, S.E. 1-45052
- Bino, F.** see Davidov, V.A. 1-1023
- Binsma, J.J.M., Giling, L., Bloem, J.** Phase relations in the system $\text{Cu}_2\text{S}-\text{In}_2\text{S}_3$ 1-3702
- Bislay, Y.** First boundary value problem in elasticity: bounds for the displacements and Saint-Venant's principle 1-15021, 1-37333
- Biondi, F.** see Arrighini, G.P. 1-15021, 1-37333
- Biondi, M.A.** see Johnson, R. 1-8561, 1-37321, 1-39604, 1-39610, 1-39633, 1-39634
- Biondi, M.A.** see Whitaker, M. 1-51315
- Bionta, R.M., Carroll, A.S., Edelstein, R.M., Green, D.R., Makuchowski, E.L., Morrissey, S.P., Russ, J.S., Russell, J.J., Sharfman, N., Sutton, R.B.** Search for narrow pp states produced in meson exchange 1-28342
- Biquin Yin** see Yin Biquin
- Biraben, F., De Clerq, E., Giacobino, E., Grynegberg, G.** Hyperfine structure in helium-3 1-24274
- Biraben, F.** see de Clerq, E. 1-45920
- Biraben, F.** see Gay, J.C. 1-24067
- Biraben, F.** see Grynegberg, G. 1-51178, 1-51458
- Birattari, C., Salomone, A.** Efficiency evaluation of gamma-ray solid-state detectors 1-1024
- Birattari, C.** see Goetz, L. 1-21754
- Biraud, F., Mavrides, S.** A deep search for ghost images in the Universe 1-32778
- Birbal Singh, Prakash, R., Hari Singh** Discrete chorus emissions observed at a low latitude ground station 1-49458
- Birbal Singh** see Hari Singh 1-22608
- Birbal Singh** see Singh, D.P. 1-13629
- Birbrair, B.L.** Self-consistent description of the lower states of doubly magic nuclei 1-28381
- Birch, D.G.** see Enoch, J.M. 1-35782
- Birch, E.E.** see Enoch, J.M. 1-35782
- Birch, H.J.** see Lebens, R.M. 1-32002
- Birch, J.R.** Reduction of the noise component of spectra derived from double-sided Fourier transform spectroscopy 1-40865
- Birch, J.R., Afshar, M.N., Yarwood, J., James, P.L.**
The far-infrared dispersion of acetonitrile in dilute solution in carbon tetrachloride 1-37186
- Birch, J.R., Dromey, J.D., Nicol, E.A.** The effect of detector port radiation on the determination of insertion loss by Fourier transform spectroscopy 1-36746
- Birch, J.R.** see Afshar, M.N. 1-36679
- Birch, J.R.** see Parker, T.J. 1-31156
- Birch, K.P., Marx, B.R., Felton, R.C., Jolliffe, B.W., Rowley, W.R.C., Woods, P.T.**
High resolution absorption studies of SO_2 around 300 nm 1-28991
- Birch, S.F.** Turbulence models—progress and problems 1-19679

- Birchall, J.H.L., Evans, N.L. Axial flux shape measurement and optimization at Wyllfa power station 1-10451
- Birchenaill, C.E., Riechman, A.F. Heat storage in eutectic alloys 1-8277
- Bird, B.L. see Ford, M. 1-4253
- Bird, C.E., Strauss, F.J. Corrosion of galvanised iron and aluminium sheets under wet storage conditions 1-12922
- Bird, D. see Skidmore, R. 1-8935
- Bird, E.C.F. Historical changes on sandy shorelines in Victoria 1-35972
- Bird, G.W. see Fung, P.C. 1-28637
- Bird, I. see Barloutaud, R. 1-36885
- Bird, J.M., Bassett, W.A. Evidence of a deep mantle history in terrestrial osmium-iridium-ruthenium alloys 1-22290
- Bird, P.F. see Starkovich, V.S. 1-50102
- Bird, R.J., Swift, P. Energy calibration in electron spectroscopy and the re-determination of some reference electron binding energies 1-28128
- Birecki, H., Kahn, F.J. Accurate optical measurement of small tilt angles in thin twisted nematic layers [liquid crystal displays] 1-38278
- Bireh, J.R., Dromey, J.D., Lesurf, J. Optical constants of some common low loss polymers between 4 and 40 cm^{-1} 1-49885
- Birey, H. Thickness and refractive index of thin transparent films by spectrophotometric transmissivity 1-10007
- Birge, R.R. see Bennett, J.A. 1-29067
- Birge, R.R. see Myers, A.B. 1-37262
- Birgenau, R.J., Brown, G.S., Horn, P.M., Moncton, D.E. Synchrotron X-ray study of monolayer krypton melting 1-38648
- Birgenau, R.J. see Als-Nielsen, J. 1-2320, 1-7082
- Birgenau, R.J. see Cowley, R.A. 1-7844, 1-21003
- Birgenau, R.J. see Litster, J.D. 1-11852
- Birgenau, R.J. see Po-zeng Wong 1-25938
- Birgenau, R.J. see Stephens, P.W. 1-25565
- Birger, I.A., Sundyryn, V.G. Thermal stress state and endurance of surface layers for structural elements with nonsteady thermal effects 1-29510
- Biringer, S., Reynolds, W.C. Large-eddy simulation of the shear-free turbulent boundary layer 1-51757
- Biringer, P.P. see Namjoshi, K.V. 1-7871
- Birk, J. see Hordinsky, J.R. 1-17502
- Birk, J.R. see Douglas, D.L. 1-39764
- Birke, R.L. see Bunding, K.A. 1-28979
- Birke, R.L. see Venkatesan, S. 1-35051
- Birkelund, J. see Breuer, H. 1-23674
- Birkelund, J.R., Tubbs, L.E., Huiuzenga, J.R., De, J.N., Sperber, D. Heavy-ion fusion: A classical trajectory model 1-50697
- Birkelund, J.R. see Hilscher, D. 1-50639
- Birkett, D.S., Marshall, T.C. Enhancement of stimulated Raman backscattering by magnetoresonance effects 1-37551
- Birkhofer, A. The German risk study for nuclear power plants 1-23785
- Birkhofer, A., Koerberlein, K. The implications of the German Risk Study 1-28630
- Birkhoff, R.D., Heller, J.M., Jr., Hubbell, H.H., Jr., Painter, L.R. Optical and dielectric functions of liquid hexamethylphosphoric triamide between 2 and 25 eV 1-43088
- Birkhoff, R.D. see Becker, R.S. 1-46721
- Birkicht, E. see Broser, I. 1-47504
- Birkinshaw, K. see Jones, J.D.C. 1-43649, 1-43651
- Birkinshaw, K. see Raouf, A.S.M. 1-43665
- Birkle, K. see Vettolani, G. 1-49699
- Birks, J.B., Bartocci, G., Aloisi, G.G., Dellonte, S., Barigelletti, F. Fluorescence analysis of trans-2-styrylnaphthalene in solution 1-1268
- Birks, J.W. see Cook, J.E.L. 1-44245
- Birlik, G. see Mengi, Y. 1-15396
- Birman, A.Ya., Petrukhin, E.A., Savushkin, A.F., Tropkin, E.N. Diffraction losses in an optical cavity 1-41752
- Birman, J.L. see Berenson, R. 1-7120
- Birman, J.L. see Pattanayak, D.N. 1-48111
- Birman, J.L. see Ting-Kuo Lee 1-34573, 1-39093
- Birman, J.L. see Trebin, H.-R. 1-38730
- Birnbau, G., Sutter, H. Collision-induced absorption in a highly symmetric molecule— SF_6 1-41472
- Birnbau, G. see Guillot, B. 1-16575
- Birnbau, H. see Liu, R. 1-16876
- Birnbau, H.K. see Clark, E.A. 1-25550
- Birnbau, H.K. see Makenas, B.J. 1-20103
- Birnbau, H.K. see Narita, N. 1-43333
- Birnbau, H.K. see Zapp, P.E. 1-7384
- Birnbau, M., Tucker, A.W., Fincher, C.L. Laser emission cross section of Nd:YAG at 1064 nm 1-46360
- Birney, K.R. see Hollenberg, G.W. 1-10444
- Birney, K.R. see Pitner, A.L. 1-14669
- Birnie, R.W. see Hughes, J.M. 1-54077
- Birnie, S.E., Hall, F.L., Taylor, S.M. Community response to noise from a general aviation airport 1-32068
- Birnie, S.E. see Hall, F.L. 1-13206
- Birnie, S.E. see Taylor, S.M. 1-1788
- Birnstein, D. see Bottger, M.L. 1-31938, 1-31939
- Birnstock, F. see Hofmann, H.-J. 1-46059
- Birnstock, F. see Peim, G. 1-46058
- Biro, T. see Osay, M. 1-953
- Biront, D. see Goossens, M. 1-49620
- Biront, V.S., Sushchikh, V.A., Sidorov, F.K. Effect of low-temperature ultrasonic treatment on the properties of steel 12Kh18N10T 1-48346
- Birot, A. see Galy, J. 1-46092
- Birot, A. see Millet, P. 1-41393
- Birot, A. see Salomero, Y. 1-41477
- Birrer, I.J. see Dome, G.J. 1-36088
- Birsa, R., Bradamante, F., Dalla Torre, S., Di Drusco, M., Giorgi, M., Kuroda, K., Michalowicz, A., Moras, P., Penzo, A., Schiavon, P. Response of organic scintillators as targets sensitive to slow proton recoils measured by neutron scattering 1-51060
- Birsa, R. see Fidecaro, G. 1-591
- Birse, M.C., Clement, C.F. Effects of the N-N potential core on the spectroscopic sum rules for one-nucleon transfer 1-28421
- Birsoy, R. Coloring of synthetic fluorite 1-25266
- Birtcher, R.C. see Averback, R.S. 1-2522
- Birtcher, R.C. see Kirk, M.A. 1-33359
- Birtcher, R.C. see Lefakis, H. 1-23168
- Biryukov, S.V. Rayleigh-wave scattering by two-dimensional surface corrugations in oblique incidence 1-37654
- Biryukov, V.I. see Vinogradov, V.N. 1-16989
- Biryukov, V.T., Spiridonov, G.I., Kyatchina, E.V., Gorbunov, I.M. Technology of making V-notches in impact-test specimens 1-26690
- Biryukov, Yu.A., Gornov, M.G., Drutskoi, A.G., Lapushkin, S.V., Onyashan, K.O., Pichugin, A.P., Ponomov, A.K., Sergeev, F.M. Double charge exchange of negative pions on nuclei with a change of strangeness 1-5645
- Biryukova, I.V. see Dovletov, K. 1-47308
- Biryulin, Yu.F., Vul', A.Ya., Zabelina, L.G., Ichkitidze, R.R., Krigel', V.G., Sharonova, L.V., Shmatsev, Yu.V. GaAs_{1-x}Sb_x solid-solution structures for photocathodes 1-26370
- Bisaro, R. see Servet, B. 1-52090
- Bisby, R.H. see Purohit, S.C. 1-8917
- Bischof, J. The measurement of thermal conductivity of the superconductive tape provided with vapour-deposited Nb₃Sn layer 1-30876
- Bischopf, W., Fabian, R., Borchers, R. Decrease in CO₂ mixing ratio observed in the stratosphere 1-22442
- Bischoff, M. see Ochsenbein, F. 1-49538
- Bisconte, J.-C., Gardette, R. Recent developments and prospects in the treatment of histological images 1-53924
- Bisello, D. see Bizot, J.C. 1-10243
- Bisello, D. see Delcourt, B. 1-45329
- Bisello, D. see Mane, F. 1-45330
- Bisgaard, P., Andersen, T., Vinther Sorensen, B., Nielsen, S.E., Dahler, J.S. Collisional excitations in quasi two-electron systems: Mg-He, Ne, Ar and Li, K-Na 1-19177
- Bisgaard, P. see Andersen, T. 1-1137
- Bisgaard, T. Maack see Maack Bisgaard, T.
- Bishari, M. Perturbative and non-perturbative two component model of deep inelastic scattering 1-5517
- Bishari, M. A small parameter in the $1/N_c$ expansion and narrowness of hadronic resonances 1-36787
- Bishay, A., Farag, M., Nassrallah, M., El Nahawi, S., Saleh, S.A. Some properties and structure of iron-containing glasses and glass-metal composites 1-31414
- Bishay, S.T., Mohammed, A.E. Propagation of electromagnetic waves in two media separated by a variable interface 1-36102
- Bishewa, L., Gantschewa, T., Marinova, A. The effect of liquid media on the properties of polystyrene foam which is impact resistant 1-39380
- Bishnu, S.K. see Dasgupta, S.R. 1-36976
- Bishop, A.A. Transient friction and form loss factors in turbulent and laminar flow: a brief review 1-23799
- Bishop, A.A., Todreas, N. Hydraulic characteristics of wire-wrapped rod bundles 1-23734
- Bishop, A.A., Willis, J.M., Markley, R.A. Effects of buoyancy on laminar vertical upward flow friction factors in cylindrical tubes 1-24883
- Bishop, B.L. see Lillie, R.A. 1-18886
- Bishop, C.A., Howson, R.P., Ridge, M.I. Factors influencing the nucleation of silver on plastic substrates 1-12002
- Bishop, D., Cheung, L.M., Buckingham, A.D. Dipole polarizability formulae 1-33577
- Bishop, D.J., Reppy, J.D. Study of the superfluid transition in two-dimensional ^4He films 1-25524
- Bishop, D.J., Tsui, D.C., Dynes, R.C. Non-metallic conduction in Si MOSFETs at low temperatures 1-7753
- Bishop, D.J., Tsui, D.C., Dynes, R.C. Observation of a non-Ohmic Hall resistivity at low temperatures in a two-dimensional electron gas 1-38859
- Bishop, D.J. see Paalanen, M.A. 1-47327
- Bishop, D.M., Cheung, L.M. Magnetic properties of HeH^+ 1-45928
- Bishop, G.B., Abokazemi, M.E. Some angular properties of 6 MeV source photons penetrating steel 1-28706
- Bishop, H.E. Development of the Monte-Carlo technique for electron probe X-ray microanalysis 1-17137
- Bishop, J.C., van der Sluijs, J.C.A. Static and transient enhanced power anomaly in the Kapitza conductance of silver to helium four 1-20493
- Bishop, J.K.B., Collier, R.W., Kettens, D.R., Edmond, J.M. The chemistry, biology, and vertical flux of particulate matter from the upper 1500 m of the Panama Basin 1-32465
- Bishop, J.M. A note on the seasonal transport on the Middle Atlantic Shelf 1-13473
- Bishop, J.M. see Biswas, N.N. 1-18515
- Bishop, N.T. A comment on 'Cosmic censorship, black holes, and particle orbits' 1-44805
- Bishop, R.L. Whence energy? 1-4161
- Bishop, S.G. see Robbins, D.J. 1-8128
- Bishop, W.S. see Boehman, L.I. 1-53557
- Bisht, J.S. see Massand, O.P. 1-18987
- Bisht, J.S. see Singh, D. 1-18900
- Bishun Deo Pandey see Rishi Ram 1-15551
- Bishutin, G.A. see Shur, D.M. 1-21661
- Bisi, O. see Abbati, I. 1-43250, 1-53047
- Bisi, V. see Allasia, D. 1-23495
- Bisiacchi, G.F. see Carrasco, L. 1-36281
- Bisiacchi, G.F. see Firmani, C. 1-9502
- Biskupic, S. see Kvasnicka, V. 1-28844
- Biskupski, G., Dubois, H., Ferre, D. Impurity conduction and the minimum metallic conductivity in n-type InSb 1-42796
- Bismayer, U., Salje, E. Ferroelastic phases in $\text{Pb}_3(\text{PO}_4)_2\text{-Pb}_3(\text{AsO}_4)_2$: X-ray and optical experiments 1-48330
- Bisogni, E.A. see Gonzalez, H.C. 1-26565
- Bisschop, P.de see de Bisschop, P.
- Bisschop, P.de see de Bisschop, P.
- Bissem, H.H., Georgi, R., Sobel, W., Ernst, J., Kaba, M., Rama Rao, J., Strohe, H. Entrance and exit channel phenomena in d- and ^3He -induced preequilibrium decay 1-5766
- Bisson, P.E. see Hardiman, M. 1-12397
- Bissonnette, L.R. Propagation of adaptively corrected laser beams through a turbulent atmosphere 1-46416
- Bist, H.D. see Malhotra, V.M. 1-34936
- Bist, H.D. see Tayal, V.P. 1-34429
- Bistrichani, E. An additional identification property of surface waves 1-40063
- Bistrice, L. see Kucivice, D. 1-15100
- Bistrovic, M. see Truk, M. 1-41265
- Biswas, A.C., Warke, C.S. Nonlinear effects in two-dimensional superfluid ^4He 1-11950
- Biswas, D. see Saha, H. 1-35652
- Biswas, M., Sinha, A.K., Roy, S.C. Measurement of number albedo of backscattered photons for tin and lead 1-28819
- Biswas, N.N., Gedney, L., Agnew, J. Seismicity of Western Alaska 1-22235
- Biswas, N.N., Higgins, P.D., Bolduc, R.L., Bishop, J.M., Cason, N.M., Kenney, V.P., Ruchti, R.C., Shepard, W.D., Oh, B.Y., Smith, G.A., Whitmore, J., Anderson, E.W., Crawley, H.B., Firestone, A., Kernan, W.J., Lamsa, J.W., Parker, D.L. High- p_T pion production in $\pi\pi$ interactions 1-18515
- Biswas, N.N. see Porter, L.D. 1-32367
- Biswas, S. Cosmic ray studies in the first Space Shuttle—Spacelab 1-49464
- Biswas, S., Shantharam, A., Rao, N.A.P., Narayana Swamy, K., Rohatgi, P.K., Biswas, S.K. Bearing performance of graphitic aluminium particulate composite materials 1-26634
- Biswas, S., Walsh, T., Bart, G., Lipschutz, M.E. Thermal metamorphism of primitive meteorites. XI. The enstatite meteorites: origin and evolution of a parent body 1-54432
- Biswas, S.K., Mukerji, J. The reaction of nitrogen gas with molten silicon 1-8607
- Biswas, S.K. see Biswas, S. 1-26634
- Biswas, S.N., Ashok Goyal, Passi, J.N. Determination of $\tau\text{-K}\pi\pi\pi$ weak decay structure functions from current algebra 1-33182
- Biswas, S.N., Choudhury, R.S., Goyal, A., Passi, J.N. Light quark mass differences and charge symmetry breaking in hyperon-nucleon interaction 1-18510
- Biswas, S.N., Van't Klooster, P., Trappeniers, N.J. Effect of pressure on the elastic constants of noble metals from -196 to +25°C and up to 2500 bar. II. Silver and gold 1-52215
- Biswas, S.N. see Anand, J.D. 1-5577, 1-9555, 1-49703
- Bit, O. Some aspects on the influence of meteorological parameters upon the efficiency of solar systems 1-17240
- Bitler, W.R. see Katz, J.D. 1-43365
- Bitler, W.R. see Weber, G.W. 1-30475
- Bitner, L.R., Danilina, T.I., Mar'in, A.V. Device for depositing multilayer optical coatings by the reactive cathode sputtering method 1-29418
- Bitschenkov, E.I., Lobanov, V.A. Energy capabilities and magnetic flux losses in 'bellows'-type explosive generators 1-33016

- Bitsenkov, E.I., Lobanov, V.A., Telenkov, V.I., Trubatshev, A.M. Investigation of capabilities of magneto-cumulative megagauss magnetic field generation 1-33019
- Bittencourt, P.R.M. *see* Smith, A.T. 1-53916
- Bitter, F. *see* Tarkowska, A. 1-8979
- Bitter, M. *see* Brau, K. 1-19944
- Bitterwolf, E., Betz, P., Burkard, A., Glatz, F., Heidinger, F., Kern, Th., Lehmann, R., Norbert, S., Siefert, J., Ropke, H. Structure of ^{31}Si from the spectroscopy of highly excited states 1-28375
- Bitti, R. Ricci *see* Ricci Bitti, R.
- Bittner, H. *see* Oesterreicher, H. 1-7134
- Bitukov, S.I. *see* Abramov, V.V. 1-596
- Bitukov, S.M., Zvigintsev, N.V., Rundkvist, N.A., Khabyev, M.S., Chervinskii, V.F. Investigation of the phase transformations and structure of the maraging steel 07Kh1K10M6 1-43338
- Bitukov, V.K., Petrov, V.A., Stepanov, S.V. Contactless measurement of the thermal conductivity of semitransparent materials at high temperatures 1-18234
- Biturin, V.A., Lyubimov, G.A. Effect of current constriction at electrodes on MHD generator characteristics 1-2251
- Biturin, V.A., Lyubimov, G.A. An arc discharge model on electrodes of an MHD generator 1-15668
- Bitz, G. Optical on-line measurement of surface roughness using coherent light 1-23300
- Bivas, A. *see* Honerlage, B. 1-2880
- Bivas, A. *see* Hvam, J.M. 1-8103
- Bixby, W.E. *see* Ghosh, S.K. 1-28087
- Bixon, M. *see* Buhs, E. 1-48944
- Bizard, G., Laville, J.L., Le Brun, C., Lecolley, J.F., Lefebvres, F., Osmont, A., Regimbart, R., Steckmeyer, J.C., Berger, J., Duflo, J., Goldzahl, L., Oostens, J., Plouin, F., Fabbri, F.L., Picozza, P., Satta, L. Experimental study and baryonic exchange interpretation of the reaction $^2\text{H}(n,n)^4\text{He}$ in the intermediate energy region 1-5784
- Bizid, A., Cortes, R., Defrain, A., Regnaud, C., Bellissent, R., Tourand, G. Structural properties of liquid gallium 1-46985
- Bizid, A. *see* Bererhi, A. 1-30034
- Bizot, J.C., Buon, J., Cordier, A., Delcourt, B., Deraido, I., Eschstruth, P., Fayard, L., Jeanjean, J., Jeanjean, M., Mane, F., Parvan, J.C., Ribes, M., Rumpf, F., Bertrand, J.L., Bisello, D. A study of e^+e^- annihilation into hadrons in the 1600-2200 MeV energy range with the magnetic detector DMI at DCI 1-10243
- Bizot, J.-C. *see* Delcourt, B. 1-45329
- Bizot, J.-C. *see* Mane, F. 1-45330
- Bizyaev, V.L. *see* Anisimov, O.A. 1-29150
- Bizzarri, B. Global system of space-based meteorological observations 1-4602
- Bizzarri, R. Do mesons fill SU(3) nonets? 1-28289
- Bizzeti, P.G., Fazzini, T.F., Maurenzini, P.R., Perego, A., Poggi, G., Sona, P., Taccetti, N. Search for parity mixing in ^{18}F 1-5690
- Bizzeti, P.G. *see* Bini, M. 1-50499
- Bjarle, C., Herrstrom, N.-Y., Jonsson, G. A method to study the atmospheric influence on the isotopic composition of primary cosmic rays applied to the elements carbon and oxygen 1-40292
- Bjarnman, S. *see* Chandra, R. 1-26087
- Bjarnman, S. *see* Kamal, R. 1-47990
- Bjarnsgard, B.E., Kase, K.R., Ruden, B.-I., Biggs, P.J., Boyer, A.L., Johansson, K.A. Postal intercomparison of absorbed dose for high energy X-rays with thermoluminescence dosimeters 1-9027
- Bjelkhaugen, H. Sandwich holography for compensation of rigid body motion and reposition of large objects 1-15102
- Bjelkhaugen, H. Sandwich holography for compensation of rigid body motion and reposition of large objects 1-15122
- Bjerkkan, L., Nordby, H. Pulse distortion in optical fibers with transverse offset splices 1-41835
- Bjerregaard, J. *see* Rektstad, J. 1-10295
- Bjerregaard, P. Distortions in the ECG caused by instruments for ambulatory electrocardiography 1-22145
- Bjorkholm, T., Jacobsen, J.P. ^{13}C and ^2H relaxation time studies of formic acid and acetic acid in water solution. Isotope effects on correlation times 1-14916
- Bjorken, J.D. Electron-positron annihilation: some remarks on the theory 1-10237
- Bjorkholm, J.E., Freeman, R.R. Resonance-radiation pressure on atoms: new perspectives 1-24100
- Bjorkholm, J.E., Freeman, R.R., Pearson, D.B. Efficient transverse deflection of neutral atomic beams using spontaneous resonance-radiation pressure 1-46170
- Bjorkholm, P.J., Annis, M., Frederick, E.E. Digital radiography 1-43797
- Bjorklund, G.C., Burland, D.M., Alvarez, D.C. A holographic technique for investigating photochemical reactions 1-26755
- Bjorklund, G.C., Hope, J.D., Pole, R.V. Interferometric device for measurement of small physical motion 1-50196
- Bjorklund, G.C., Levenson, M.D. Laser pulse shaping device based on Fourier synthesis using optical anisotropies produced by spectral hole burning 1-46407
- Bjorklund, G.C., Macfarlane, R., Ortiz, C., Shelby, R. Method for producing controlled spatial distributions of color centers for photochemical hole burning memories 1-51583
- Bjorklund, G.C. *see* Burland, D.M. 1-46264
- Bjorklund, G.C. *see* Ortiz, C. 1-42380
- Bjorkman, C. *see* Bagus, P.S. 1-45812
- Bjorkman, M. *see* Rylander, R. 1-6713
- Bjorkstam, J.L., Ferloni, P., Villa, M. ^{23}Na second-order quadrupolar shifts and heat capacity anomalies in Na β -alumina 1-7973
- Bjorkstam, J.L., Villa, M. NMR and EPR studies of superionic conductors 1-12411
- Bjorkstam, J.L., Villa, M. Second-order quadrupolar and low-dimensionality effects upon NMR resonance spectra 1-26073
- Bjorkstam, J.L., Villa, M. NMR studies of superionic β -aluminas 1-52855
- Bjorkstam, J.L. *see* Flor, G. 1-7970
- Bjorkstam, J.L. *see* Villa, M. 1-26074, 1-34516
- Bjornholm, S. Nuclei in strong rotation 1-23553
- Bjornholm, S., Lynn, J.E. The double-humped fission barrier 1-28462
- Bjornstad, T. *see* Azuma, R.E. 1-14498
- Bjornstad, T. *see* Kurewicz, W. 1-50486
- Blacha, A., Bromer, H. The evaluation of a 'mean' NMR enhancement factor in multidirectional spin systems 1-34949
- Blachere, J.R. *see* Sinha, R.K. 1-31545
- Blachnik, R. *see* Gather, B. 1-38540
- Blachnik, R. *see* Legendre, B. 1-8287
- Black, A. *see* Walsh, M. 1-49169
- Black, D.C. On the detection of other planetary systems: detection of intrinsic thermal radiation 1-40532
- Black, D.C. *see* Bodenheimer, P. 1-40471, 1-44538
- Black, J. *see* Treves, A. 1-49720
- Black, J.D. *see* Gilson, T.R. 1-33468
- Black, J.E. The dynamical motion of atoms at the Ni(111) surface 1-25549
- Black, J.E., Laks, B., Mills, D.L. Dynamical motion of atoms in surfaces: A model of W (100) as an example 1-2798
- Black, J.F. *see* Grudkowski, T.W. 1-41930
- Black, J.G. *see* Tsao, J.Y. 1-1134
- Black, J.H., Dupree, A.K., Hartmann, L.W., Raymond, J.C. Highly-ionized species in the interstellar medium 1-9595
- Black, J.L. Phonon scattering in metallic glasses 1-15999
- Black, J.L., Emery, V.J. Critical properties of two-dimensional models 1-32935
- Black, J.L. *see* Arnold, W. 1-15960
- Black, M.M. *see* van Noort, R. 1-49026
- Black, P.W. *see* Rosiewicz, A. 1-19439
- Black, R.A. The Federal Geothermal Energy Program 1-48792
- Black, R.L. *see* Courtney, J.C. 1-18898
- Black, W.B. High modulus/high strength organic fibers 1-39306
- Blackburn, D.L. *see* Larrabee, R.D. 1-3019
- Blackburn, G. Errors in stacking velocity—true velocity conversion over complex geologic situations 1-40065
- Blackburn, J.A. *see* Nerenberg, M.A.H. 1-42920
- Blackburn, J.C. High vacuum bulkhead feed-through for optical fibers 1-1695
- Blackburn, W.S., Hellen, T.K. Determination of stress intensity factors for Battelle Benchmark geometries 1-1886
- Blackett, J., Bagshaw, J.R., Hawkins, A.G. The effect of current on gas flow and performance of an experimental SF_6 interrupter 1-11439
- Blackford, B.L. A push-me pull-you wind vehicle 1-49909
- Blackie, G.N., Palmer, S.B. Ultrasonic study of antiferromagnetic domains in dysprosium 1-26005
- Blackie, G.N. *see* Greenough, R.D. 1-30914
- Blackman, J.A., Kemeny, G., Straley, J.P. Absence of spin glass order in the 2D site-diluted triangular antiferromagnet 1-42965
- Blackman, J.A. *see* Ahmed, G. 1-20719, 1-20737
- Blackman, R.A.A., Law, R.J. The Eleni V oil spill: fate and effects of the oil over the first twelve months. I. Oil in waters and sediments 1-4541
- Blackmer, A.M. *see* Brenner, J.M. 1-21942
- Blackshear, W.M., Jr. *see* Phillips, D.J. 1-8933
- Blackwelder, R.F. Coherent structures in turbulent boundary layers 1-1946
- Blackwelder, R.F. *see* Anders, J.B. 1-42032
- Blackwelder, R.F. *see* Gad-El-Hak, M. 1-42044
- Blackwell, B.D. *see* Coleman, P.D. 1-2247
- Blackwell, D.D., Steele, J.L., Brott, C.A. The terrain effect on terrestrial heat flow 1-9129
- Blackwell, D.E. *see* Selby, M.J. 1-4913
- Blackwell, H.R. *see* Blackwell, O.M. 1-22016
- Blackwell, J. *see* Jamieson, A.M. 1-38245
- Blackwell, J. *see* Scott, D. 1-35403
- Blackwell, O.M., Blackwell, H.R. Individual responses to lighting parameters for a population of 235 observers of varying ages 1-22016
- Blackwell, R.J. *see* Smith, A.Y. 1-32481
- Blackwood, M. *see* Lovegrove, W.J. 1-53793
- Bladel, J. Van *see* Van Bladel, J.
- Blades, J.C., Hunstead, R.W., Murdoch, H.S. Detection of Ca II absorption in the spectrum of the QSO 0446-208 due to an intervening galaxy 1-44668
- Blades, J.C., Wyne-Jones, I., Wayte, R.C. Very-high-resolution spectroscopy of interstellar Na I 1-27592
- Blades, J.C. *see* Barlow, M.J. 1-22818
- Blades, J.C. *see* Ward, M. 1-13856
- Blaga, A. *see* Yamasaki, R.S. 1-48542
- Blagoi, Yu.P. *see* Radchenko, E.D. 1-44943
- Blagonravov, L.A. *see* Alekseev, V.A. 1-25450
- Blagosklonov, V.I., Kuznetsov, V.M., Minalos, A.N., Stasenko, A.L., Chekhovskii, V.F. Interaction of hypersonic multiphase flows 1-15510
- Blagoveshchenskaya, N.F. Effect of magnetic activity on the frequency spectra of HF signal fluctuations on high-latitude radio paths. I. Dependence of the spectral parameters of HF signal fluctuations on magnetic activity 1-22581
- Blagoveshchenskaya, N.F. Effect of magnetic activity on the frequency spectra of HF signal fluctuations in high-latitude radio ducts. II. Spectral characteristics of HF signals during auroral storms 1-22600
- Blagoy, P., Sheina, G.G., Luzanov, A.V., Silina, L.K., Pedash, V.F., Rubin, Yu.V., Leibina, A. Effect of substituents on electron energy redistribution in uracil derivatives and their ionization in polar solvents 1-14806
- Blaha, J.J. *see* Etz, E.S. 1-4145
- Blaha, M. *see* Jacobs, V.L. 1-6929
- Blahak, E. *see* Pasztor, I. 1-17513
- Blahnik, D.E. *see* Elder, H.K. 1-5920
- Blair, D.G., Ferreiro, J. The effect of the superconducting transition on the acoustic losses in audiofrequency niobium resonators 1-30860
- Blair, D.G., Mann, A.G. Low-noise temperature gravitational-radiation antenna-transducer system 1-40701
- Blair, D.G. *see* Mann, A.G. 1-40793
- Blair, D.T.A. *see* Crichton, B.H. 1-15714
- Blair, G.N. *see* van Gorkom, J.H. 1-54587
- Blair, H.S., Pague, H.I., Riordan, J.P. Photosensitive effects in azo polymers 1-31853
- Blair, J.C., Ghate, P.B. Effects of vacuum ambience on aluminum films 1-16211
- Blair, P., Cassel, T.A.V., Edelstein, R.H., Paik, I. The economics of optimal geothermal-resource extraction for electric power 1-43740
- Blair, R. *see* Barish, B. 1-10192
- Blair, T., Webb, G.A. Spurious conformational predictions for 1-phenyl-3,3-dimethyltriazene by MO methods 1-24041
- Blair, W. *see* Forman, W. 1-54642
- Blair, W.P., Kirshner, R.P., Gull, T.R., Sawyer, D.L., Parker, R.A.R. The discovery of optical emission from the SNR G126.2+1.6 1-40539
- Blairs, S., Joasoo, U. Sound velocity and compressibility in liquid metals 1-30328
- Blairs, S., Joasoo, U. On the relation between melting temperature, nearest-neighbor separation, and surface free energy of liquid and solid metals 1-47211
- Blairs, S. *see* Almond, D.P. 1-46986
- Blaise, A., Lagnier, R., Wojakowski, A., Zygmunt, A., Mortimer, M.G. Low-temperature specific heats of some uranium ternary compounds UAsY (Y=S, Se, Te) 1-16447
- Blaise, A. *see* Brooks, M.S.S. 1-47059
- Blaise, A. *see* Erdos, P. 1-47842
- Blaisten, E. *see* Fujita, S. 1-23118
- Blaisten-Barojas, E. *see* Fujita, S. 1-39879
- Blaisten-Barojas, E. *see* Okamura, Y. 1-7391
- Blavias, A.S., Anan'ev, Yu.F. Temperature errors of a constant resistance hot wire anemometer with thermal compensation 1-34024
- Blaizot, J.P. Nuclear compressibilities 1-656
- Blaizot, J.P., Grammaticos, B. The breathing mode and the nuclear surface 1-50536
- Blaizot, J.P., Orland, H. Boson representations for systems of fermions 1-9923
- Blake, D.H., Crutcher, R.M., Watson, W.D. Identification of the anomalous 26.131-MHz nitrogen line observed towards Cas A 1-9639
- Blake, E.M. Fusion in the United States. III. Inertial confinement: the driver's test 1-5995
- Blake, E.M. Fusion in the United States. II. Magnetic confinement: the hunt for heat 1-14695
- Blake, E.M. Fusion in the United States. IV. The issues yet to come 1-28700
- Blake, I. Ortega *see* Ortega Blake, I.
- Blake, J. *see* Paul, D.K. 1-52071
- Blake, J.B., Fennell, J.F., Hovestadt, D. Measurements of heavy ions in the low-altitude regions of the outer zone 1-40273
- Blake, R.L. *see* Barrus, D.M. 1-26305
- Blake, R.L. *see* Burek, A.J. 1-54435
- Blake, S. Volcanism and the dynamics of open magma chambers 1-49247
- Blakely, E.A. *see* Roots, R. 1-8919

- Blakely, E.A. see Tobias, C.A. 1-49079
- Blakemore, C. see Harris, L.R. 1-17388
- Blakemore, J.S. Neutral impurity scattering in mercury-doped germanium 1-2963
- Blakemore, R.H., Marsden, B. Polycarbonate as a photoelastic material 1-26705
- Blakemore, R.P. see Denham, C.R. 1-8888
- Blakeslee, M.C., Schmitt, G.P., Skarvinko, E.R. Method for photosensitizing polyparabanic acid 1-51581
- Blakely, I. see Daum, C. 1-14424, 1-28357
- Blamont, J.E. see Bertaux, J.L. 1-54405
- Blamont, J.E. see Jegou, J.P. 1-36091
- Blamont, J.L. see Kurt, V.G. 1-9404
- Blannar, G. see Bock, P. 1-10234
- Blannar, G. see Chabaud, V. 1-50468
- Blannar, G. see Chabaud, V. 1-10392
- Blannar, G. see Daum, C. 1-14424, 1-28357
- Blannar, G. see Gorlich, L. 1-5656
- Blanc, C. see Roger, G. 1-36713
- Blanc, D. see Rocca-Serra, N. 1-8203
- Blanc, J.J. A new procedure for tracing Bigot curves 1-32956
- Blanc, M. Convection of plasma in the ionosphere and the magnetosphere: an electric circuit and its resolution scheme 1-9308
- Blanc, M. New interference filters for the near ultraviolet 1-11073
- Blanc, M. see Richmond, A.D. 1-9317
- Blanc-Benon, P., Juve, D. Fluctuations in amplitude and phase of an acoustic wave propagated through a turbulent jet 1-24577
- Blanchard, A. see Roney, P.L. 1-54240
- Blanchard, A.J., Rouse, J.W., Jr. Depolarization of electromagnetic waves scattered from an inhomogeneous half space bounded by a rough surface 1-4499
- Blanchard, B.J. see Bell, K.R. 1-36016
- Blanchard, M. see Gaume, F. 1-25195
- Blanchard, M. see Roy, G. 1-7014
- Blanchard, R.D. see Cermak, G.W. 1-37701
- Blanchfield, P., Saunders, G.A. Elastic stiffness constants and acoustic symmetry of $\text{Li}_2\text{O}_3\text{TeO}_4$ 1-7231
- Blanco, B.M. see Blanco, V.M. 1-49803
- Blanco, C. see Cerruti-Sola, M. 1-9575
- Blanco, C. see Scalfriti, P. 1-40372
- Blanco, V.M., Koornneef, J., Lub, J., Barbier, R. Supernova in NGC 1316 1-36313
- Blanco, V.M., McCarthy, M.F., Blanco, B.M. Carbon and late M-type stars in the Magellanic Clouds 1-49803
- Bland, J.A.C. see Brown, P.J. 1-45761
- Blendenet, G., Court, M., Lagarde, Y. Thin layers deposited by the Pyrolos process 1-53103
- Blanford, R.D., Payne, D.G. Compton scattering in a converging fluid flow. I. The transfer equation 1-54366
- Blanford, R.D., Thorne, K.S. Black hole astrophysics 1-22830
- Blanford, R.D. see Phinney, E.S. 1-36319
- Blandin, A. Shock waves and wake 1-42069
- Blaney, T.G., Moss, D.G. The modification and calibration of a thermo-electric radiometer for power measurements at submillimetre wavelengths 1-36722
- Blangetti, F., Nausahai, M.K. Influence of mass transfer on the momentum transfer in condensation and evaporation phenomena 1-24855
- Blank, A.Ya., Vasil'ev, A.N., Gaydukov, Yu.P. On the determination of the relaxation times of isolated groups of current carriers in a metal using magnetoacoustic measurements 1-25712
- Blank, E. Microstructural aspects of the tensile elongation of oriented, dendritic, $(\text{Ni,Cr})\text{-Cr}_2\text{C}_3$, two-phase alloys 1-21549
- Blank, S.L., Licht, S.J. The simultaneous multiple dipping of magnetic bubble garnets 1-8242
- Blanken, H.J. den den Blanken, H.J.
- Blankenbecker, R. see Cheuk-Yin Wong 1-23623
- Blankenship, D.M. see Aldag, J.E. 1-46103
- Blankenship, G.L. Asymptotic analysis in mathematical physics and control theory: some problems with common features 1-49953
- Blankenstein, M.F. see Griess, G.A. 1-43895
- Blankert, P.J., Blok, H.P., Blok, J. High-resolution investigation of the $^{112}\text{Sn}(p,d)^{111}\text{Sn}$ reaction 1-50506
- Blankleider, B. see Afnan, I.R. 1-5803
- Blankov, E.B., Lozovskii, L.A. A logging gamma spectrometer with continuous recording of full spectrometric data 1-27290
- Blankschtein, D., Aharony, A. XY-to-Gaussian crossover for the Potts-model transition near the bicritical point of stressed SrTiO_3 1-26143
- Blann, M. Precompound decay in heavy-ion reactions 1-36961
- Blann, P., Johnson, D.W., Jr., Gallagher, P.K. Measurement of oxygen gradients and resultant strains in ferrites 1-4008
- Blannied, G.S. see Morris, C.L. 1-723
- Blannied, G.S. see Ray, L. 1-41049
- Blannet, P. see Safi, N. 1-26982
- Blanner, M.S. Interaction of screw dislocations $1/2[111](110)$ with clusters of interstitial atoms in metals with a BCC lattice 1-30270
- Blanton, J. see Cordes, C. 1-49288
- Blanton, J.O. see Weber, A.H. 1-54123
- Blanton, P.L. see Springer, A.P. 1-53773
- Blasco, D., Estrada, M., Jones, B. Relationship between the phytoplankton distribution and composition and the hydrography in the north-west African upwelling region near Cabo Corbeiro 1-54140
- Blasco, M. see Altdorfer, F. 1-35620
- Blasek, G. see Berndt, K. 1-3538
- Blaser, D.A. see Chung, J.Y. 1-29489
- Blaschuk, V.N., Pilipetskii, N.F., Shkunov, V.V. Four-wave interaction as a controllable frequency filter 1-24450
- Blaschuk, V.N., Zel'dovich, B.Ya., Mamaev, A.V., Pilipetskii, N.F., Shkunov, V.V. Complete wavefront reversal of depolarized radiation under degenerate four-photon interaction conditions (theory and experiment) 1-6615
- Blashenkov, N.M. see Bakulina, I.N. 1-13844
- Blashkov, V.S., Manzhara, V.S., Tkachuk, P.N., Tsmots', V.M. Thermoluminescence of zinc selenide doped with acceptor impurities 1-43195
- Blasi, A. see Bandelloni, G. 1-36826
- Blasi, C. de see de Blasi, C.
- Blasi, N. see Du Marchie Van Voorthuysen, E.H. 1-50483
- Blasing, J.P., Keferstein, C. Computer aided metrology and testing in mechanical manufacture 1-50122
- Blaski, T. see Sek, G. 1-32627
- Blasquez, G., Roux-Nogatchewsky, M. Effects of ionising radiation on conduction mechanisms and low frequency noise in bipolar transistors 1-7683
- Blasse, G., Dirksen, G.J. The coloration of titanates by divalent metal ions with a view to solar energy applications 1-31169
- Blasse, G., Dirksen, G.J. The optical properties of the tungstate group in sodalite 1-52945
- Blasse, G., Dirksen, G.J., Sautereau, H. The luminescence of potassium oxalatoaluminate ($\text{K}_2\text{MoO}_4(\text{C}_2\text{O}_4)_2\text{H}_2\text{O}$) 1-52980
- Blasse, G. see Dalhoeven, G.A.M. 1-16594
- Blasse, G. see Krol, D.M. 1-31179, 1-35079
- Blasse, G. see Lammers, M.J.J. 1-52987
- Blasse, G. see Mackor, A. 1-30777
- Blasse, G. see 'T Lam, R.U.E. 1-21258
- Blaszak, M. On superexchange in magnetic insulators. III. The effective Hamiltonian for an arbitrary d^4-d^9 pair 1-38921
- Blaszczak, Z. see Kulinski, T. 1-15172
- Blaszczyszyn, M. see Blaszczyszyn, R. 1-25791
- Blaszczyszyn, R., Blaszczyszyn, M. Work function of the adsorption system Ni (100) W 1-25791
- Blat, D.H. see Zinenko, V.I. 1-25400
- Blat, D.Kh., Zinenko, V.I. Theory of structural phase transitions in alkali metal cyanides 1-7331
- Blatherwick, R.D. see Murcay, F.J. 1-17687
- Blatt, F.J. see Huffman, J.E. 1-42746
- Blatt, R., Werth, G. Precision ground state HFS-separation of ^{137}Ba 1-46147
- Blattmann, H. see Hoffmann, W. 1-6056
- Blattmann, K.H., Dold, M., Schauble, W., Zehnle, L., Kempter, V. Differential cross sections for $\text{Li}(2p)$ excitation in Li-inert-gas collisions from photon-scattered-atom coincidence measurements 1-1343
- Blattmann, K.H., Mennert, B., Schauble, W., Li(2p) excitation by low-energy collisions with H_2 and N_2 1-6348
- Blattner, G. see Haug, H. 1-47695
- Blattner, G. see Maier, W. 1-26270
- Blattner, R.J. see Magee, T.J. 1-15916, 1-20248
- Blau, P.J. Use of a two-dimensional measurement method for reducing scatter in Knoop microhardness testing 1-4033
- Blau, W., Penzkofer, A. Intensity detection of picosecond ruby laser pulses by two photon absorption 1-51536
- Blau, W. see Zschech, E. 1-20030
- Blauert, J., Tüttemann, G. Auditory backward inhibition in concert halls 1-1776
- Blazek, K. see Kvapil, J. 1-53083
- Blazek, M. Stochastic model for sequential production processes 1-18453
- Blazek, V., Wienert, V. An optoelectronic method for the evaluation of the cutaneous vasoconstriction and vasodilatation after topical application of different ointments 1-35851
- Blazey, K.W., Koch, R., Bednorz, J.G. Colour centres in conducting SrTiO_3 1-3259
- Blazhenkov, V.V., Kirkin, A.N., Kononov, A.V., Kotenko, L.P., Leontovich, A.M., Merzon, G.L., Mozharovskii, A.M. Absorption and scattering of radiation by a plasma produced by picosecond pulses from a ruby laser 1-42141
- Blazhevich, S.V., Morokhovskii, V.I. Orientation-ionic interaction in the interaction of ultrarelativistic electrons with single crystals 1-25328
- Blazikova, J. see Vavrdka, J. 1-21476
- Blazina, Z., Drasner, A., Ban, Z. Study of substitution in the systems $\text{UNi}_{1-x}\text{M}_x$ and $\text{ZrNi}_{1-x}\text{M}_x$ ($\text{M}=\text{In, Sn, Zn}$) 1-33294
- Blazit, A. see Bonneau, D. 1-9574
- Blazso, T., Lohasz, M. A portable smoke meter for diesel engine testing 1-32076
- Bleakley, R.H., Chou, N.J., Robinson, B., Small, S. UHV-compatible multi-hearth E-beam source with programmed electromagnetic power supply 1-270
- Bleeh, J.J. see Bar-Yoseph, P. 1-18028
- Blecher, A. see Hoodless, D.J. 1-4378
- Blecher, M. see Preadom, B.M. 1-45540
- Bleck, M.E., Cameron, R.P., Camp, A.L. Containment/surveillance concepts for international safeguards in reprocessing plants 1-18751
- Bleehen, N.M. see Szwarzowski, S. 1-27029
- Bleek, C.M. van den see van den Bleek, C.M.
- Bleeker, J.A.M. see Davelaar, J. 1-36371
- Bleha, T., Gajdos, J., Tvaroska, I. Change of the molecular surface and volume during internal rotation and its effect on conformational equilibrium in solution 1-15030
- Bleha, W.P. see Grinberg, J. 1-24522
- Bleha, W.P. see Spence, J.C.H. 1-28130
- Bleich, H.E., Kendrick, R.D., Wind, R.A., Yan-noni, C.S. New method for measuring the rotation frequency of spinning samples in NMR CPMA experiments 1-28043
- Bleif, H.-J. see Pattison, P. 1-28138
- Bleijenberg, K.C., de Wit, H.G.M. Vibrational structure in the luminescence spectra of uranium-doped tungstates with ordered perovskite structure 1-12571
- Bleijenberg, K.C., Kellendonk, F.A., Struck, C.W. Two-photon excited luminescence of thulium-activated lanthanum oxysulfide ($\text{La}_2\text{O}_3\text{-S-Tm}^{3+}$) 1-12565
- Blennerhassett, P.J. On the generation of waves by wind 1-46765
- Bless, C.A. see Pickett, D.F. 1-53603
- Bless, S.J., Barber, J.P., Matuska, D.A. Impact induced tensile failure in steel 1-39452
- Blessing, G.R. see Burn, R.R. 1-43728
- Blessington, D.R. see Koch, F.B. 1-8246
- Blessynski, M. see Wriekat, A. 1-23659
- Bletny, J. see Favre Bonte, M. 1-25144
- Bletny, J. see Lemarchand, J.L. 1-25145
- Bletskan, D.I. Photoconductivity spectra of GeS single crystals 1-20820
- Bletskan, D.I. see Boiko, S.A. 1-21163
- Bletskan, N.I. see Buzynin, Yu.N. 1-30114, 1-30115
- Bletzinger, P. I-V characteristics of externally ionized plasmas in pure gases 1-38065
- Blevin, H.A. see Fletcher, J. 1-29938
- Blewer, R.S. see Roth, J. 1-25303
- Blewitt, T.H. see Kirk, M.A. 1-33359
- Blewitt, T.H. see Lefakis, H. 1-23168
- Bleyl, H.J. see Ochsensch, W. 1-18855
- Blicharski, M. The effect of structural inhomogeneities of deformed austenitic stainless steel on recrystallization 1-48357
- Black, E.F. see Stein, P.D. 1-39952
- Black, E.F. see Walburn, F.J. 1-39951
- Blackensderfer, R. see Lincoln, R.L. 1-8228
- Black, P., Deleuil, R., Breidne, M., Maystre, D. Microwave verification of a numerical optimization of Fourier gratings 1-46542
- Blick, P.J., Deleuil, R., Botten, L.C., McPhedran, R.C., Maystre, D. Inductive grids in the region of diffraction anomalies: theory, experiment, and applications 1-8694
- Blitschak, J., Grassler, J., Krenz, W., Lanks, D., Schulte, R., Seyfert, H.H., Bockmann, K., Geich-Gimbel, C., Heilmann, H., Kokott, T., Nellen, B., Pech, R., Bacci, L., Bosetti, P., Cundy, D.C., Grant, A., Hulth, P.O., Morrison, D.R.O., Orava, R., Pape, L., Peyrou, Ch., Saarikko, H., Scott, W.G., Simopoulos, E., Vayaki, A., Wachsmuth, H., Aderholz, K.L., Schmitz, N., Settles, R., Wernhard, K.L., Wittek, W., Giles, R., Grossmann, P., McGow, R., Myatt, G., Perkins, D.H., Radojicic, D., Renton, P., Saitta, B. Fragmentation functions in neutrino hydrogen interactions 1-10190
- Blitschak, J. see Allen, P. 1-14367, 1-36856, 1-36857
- Bliman, S., Dousson, S., Geller, R., Jacquot, B., Van Houtte, D. Charge exchange cross-sections of multiply charged O^{9+} and N^{8+} ions colliding with molecular deuterium 1-51284
- Bliman, S. see Aubert, J. 1-19167
- Blinc, R., Zeks, B., Chaves, A.S. Microscopic theory of the ferroelastic transition in $\text{KH}_2(\text{SeO}_3)$ 1-7235
- Blinc, R. see Aleksandrova, I.P. 1-7969
- Blinc, R. see Chaves, A.S. 1-47932
- Blinc, R. see Machado da Silva, J.C. 1-43009
- Blinc, R. see Rutar, V. 1-17134
- Blinc, R. see Vilfan, M. 1-3290
- Blinc, R. see Zumer, S. 1-43029
- Blind, J.M., George, A., Champier, G. Dislocations and slip systems in indium single crystals 1-15899
- Blinder, S.M. An exactly solvable model for the Fermi contact interaction 1-1094
- Blinder, S.M. see Warner, J.W. 1-14827
- Blink, J.A. see Hovingh, J. 1-10540
- Blinkin, V.L. A possibility of reducing the doubling time for thermal liquid-salt breeder reactors 1-28527
- Blinkin, V.L. see Novikov, V.M. 1-23767

- Blinov, A.V.**, Vanyushin, I.A., Voytenko, I.D., Grediko, V.E., Ergakov, V.A., Zombrovsky, S.M., Kondratyuk, L.A., Korolev, Yu.V., Selector, Yu.M., Solov'ev, V.V., Trebukhachenko, Yu.V., Turov, V.F., Chuvilo, I.V., Shul'yachenko, V.N. The search for three baryon resonances in mass spectra of the pnn system in the reaction $\pi^+ - \text{ppnn}$ at $p_i = 2.5$ GeV/c 1-23665
- Blinov, L.M.** see Trufanov, A.N. 1-52066
- Blinov, L.M.** see Umanski, B.A. 1-34233
- Blinov, N.N.** Selection of steps of voltage control in an X-ray diagnostic apparatus 1-39989
- Blinov, N.N.**, Kaverin, A.M., Marko, V.A., Chuiko, G.A., Yaroslavtsev, O.I. Photographing the X-ray image intensifier in the RUM-20M system 1-39982
- Blinov, V.N.**, Batov, V.G., Parshin, N.I. Ion-heating unit for hardening of machine tool components 1-53220
- Blinowski, A.**, Verroust, J., Cannet, G. An analysis of synchronization and double discharge effects on low frequency electromyographic power spectra 1-53769
- Blinowski, J.**, Nguyen Hy Hau, Rigaux, C., Vieren, J.P. Band structure model and optical properties in graphite acceptor compounds 1-47462
- Blinowski, J.**, Rigaux, C. Band structure model and electrostatic effects in stages 3 and 4 of graphite acceptor compounds 1-38703
- Blinowski, J.** see Hy Hau, N. 1-47584
- Blint, R.J.** see Bechte, J.H. 1-13006
- Blizhak, Yu.F.**, Lyubarski, M.G., Onishchenko, I.N. Excitation of non-linear plasma oscillation by an ion beam 1-38117
- Blizhak, Yu.F.**, Onishchenko, I.N., Panchenko, I.P. The interaction of a relativistic electron beam with an inhomogeneous collisional plasma 1-51961
- Blot, F.**, Castelain, A., Dujardin, B. Numerical simulation and models for microacoustic probe - application to 'in vivo' measurements of dielectric parameters of biological media in the microwave band (1-12 GHz) 1-22180
- Bliss, R.J.**, Hunter, J.R. FFTF auxiliary system testing program results and overview 1-18728
- Blissett, R.J.** see Bell, K.W. 1-6101, 1-37063
- Blissett, R.J.**, Masco, K.O., Culhane, J.L. Ariel V observations of a 4.8-hr periodicity in the 'high-state' X-ray spectrum of Cygnus X-3 1-36434
- Blissett, R.J.** see Hayes, M.J.C. 1-4979
- Blissett, R.J.** see Kahn, S.M. 1-44614
- Blizhanov, A.A.**, Kugaenko, O.M., Kundikov, V.D. Anisotropy of the photoluminescence in CsI:TI scintillation crystals 1-3488
- Blitz, J.**, Peat, T.S. The application of multi-frequency eddy currents to testing ferromagnetic metals 1-35477
- Blitz, L.**, Mark, J.W.-K., Sinha, R.P. Why is the central gas disk of the Galaxy tilted? 1-49819
- Blitz, L.**, Thaddeus, P. Giant molecular complexes and OB associations. I. The Rosette molecular complex 1-22856
- Blitz, L.** see Lada, C.J. 1-54579
- Bliznakov, G.** see Surnev, L. 1-42637
- Bliznyuk, N.A.** see Sedov, V.M. 1-28602
- Bliznyuk, V.N.**, Glinchuk, M.D., Pechenyi, A.P., Litvinov, L.A. Determination of the interblock misalignment of SrTiO₃ single crystals by the ESR technique 1-52836
- Bliznyuk, V.N.** see Pechenyi, A.P. 1-21041
- Bliznyukov, S.A.**, Simacheva, V.L., Fedorov, V.M. Registration of single particles by microchannel plates 1-45775
- Blobel, Ch.** see Haferkorn, H. 1-29219
- Blobel, V.** Results from PLUTO at PETRA 1-10240
- Blobel, V.** see Berger, C. 1-5636, 1-10209
- Blobel, V.** see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Blobel, V.** see Diddens, A.N. 1-14747, 1-23998
- Blobel, V.** see Jonker, M. 1-14432, 1-45258
- Block, D.**, Raj, R.K., Snyder, J.L., Ducloy, M. Heterodyne detection of phase-conjugate emission in an Ar discharge with a low-power CW laser 1-37549
- Block, D.**, Voiron, J., Bray, J.W., Jacobs, I.S., Bonner, J.C., Kommandeur, J. High magnetic field behavior of MEM-(TCNQ)₂ 1-47910
- Block, I.**, Crater, H. Lorentz-invariant potentials and the nonrelativistic limit 1-27726
- Block, M.**, Hart, W. Kinematical fitting of charged current neutrino events 1-538
- Block, M.** see Deden, H. 1-28311
- Block, P.** see Galvin, J.M. 1-9037
- Blocker, J.M.**, Jr. Coating of glass by chemical vapor deposition 1-53101
- Blockhitz, C.**, Kahle, E. A method for the determination of the cyclic stress-strain curve of persistent slip bands in fatigued single crystals 1-31600
- Blockhitz, C.** see Mecke, K. 1-7181
- Block, D.** see de Murcia, M. 1-21260
- Block, L.** see Marklund, G. 1-54319
- Block, M.** see Hanna, D. 1-41015
- Block, M.M.** see Irion, J. 1-50475
- Block, R.C.** see Bicknell, P.A. 1-23972
- Block, R.C.** see Little, R.C. 1-50603
- Block, R.C.** see Perez-Griffo, M.L. 1-51888
- Block, S.** Regulatory aspects of personnel neutron dosimetry 1-14704
- Block, S.** see Munro, R.G. 1-38291
- Block, S.** see Piermarini, G.J. 1-34701
- Blocker, C.A.** see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Blocker, C.A.** see Dorfan, J.M. 1-41020
- Blocker, C.A.** see Himel, T.M. 1-18482
- Blocker, C.A.** see Scharre, D.L. 1-18485, 1-45292
- Blocki, J.**, Dworzecka, M., Beck, F., Feldmeier, H. Collective degree of freedom and one-body dissipation in heavy ion collisions 1-36960
- Blockus, D.** see Stroyanov, R. 1-18522
- Blodgett, J.A.** see Szu, H.H. 1-24360, 1-41598
- Blodet, J.R.** see Ebner, T.J. 1-26889
- Bloom, J.** Nucleation and growth of silicon by CVD 1-3631
- Bloom, J.** see Binsma, J.J.M. 1-3702
- Bloom, J.** see Claassen, W.A.P. 1-3632, 1-12665, 1-53097
- Bloembergen, N.** Conservation laws in nonlinear optics 1-41774
- Bloembergen, N.** see Bogdan, A.R. 1-41783
- Bloembergen, N.** see Dagenis, M. 1-43170
- Bloembergen, N.** see Prior, Y. 1-33748
- Bloembergen, N.** see Yee, R. 1-16658
- Bloemen, E.**, Thoen, J., Van Dael, W. The specific heat anomaly in triethylamine-heavy water near the critical solution point 1-25448
- Bloemen, E.W.P.**, Winter, H., Mark, T.D., Dijkamp, D., Barends, D., de Heer, F.J. Absolute emission cross sections at 30.4 nm for Ne²⁺-He collisions and at 20.8 nm for Ne²⁺-He collisions 1-46070
- Blobin, D.I.** see Ananjev, V.D. 1-28690
- Blomh, R.** see Peixoto, J.E. 1-53906
- Blaisi, F.**, Catalanotti, S., Cuomo, V., De Stefano, S., Vicari, L. Heat storage and solar system performance 1-39814
- Blaisi, F.** see Ambrosone, G. 1-39813, 1-39819
- Blak, H.** see Tijhuis, A.G. 1-6433
- Blak, H.P.** see Alons, P.W.F. 1-28364
- Blak, H.P.** see Blankert, P.J. 1-50506
- Blak, J.** see Alons, P.W.F. 1-28364
- Blak, J.** see Blankert, P.J. 1-50506
- Blakh, A.G.**, Adzherik, K.S., Trofimov, V.P., Lozhnikov, F.D. An analytical presentation of the effective temperature for calculating radiative heat transfer 1-29519
- Blakh, Ya.L.** see Aleksan'yan, T.M. 1-36187
- Blakh, Ya.L.** see Belov, A.V. 1-4726, 1-36128
- Blukhin, A.V.** Machine determination of integral characteristics of random processes 1-50092
- Blukhin, M.A.**, Orlova, E.G., Schweitzer, I.G. The influence of the environment of the absorbing atom on the photoelectric yield spectra of beryllium compounds in the soft X-ray region 1-43244
- Blukhin, V.A.** see Aleksandrov, V.I. 1-7604
- Blukhin, V.F.** see Remizova, A.A. 1-19555
- Blukhina, L.I.** see Gulyanitskaya, Z.F. 1-31434
- Blukhintseva, T.D.** see Alizade, V.V. 1-45289
- Blukin-Mechtalov, Yu.K.** see Beklemishchev, A.I. 1-44904
- Blukizir, R.** see Mazzucato, M. 1-50462
- Bloom, C.E.** Vibrational spectra of polyatomic molecules and polymers 1-19081
- Bloom, C.E.** see Filgueira, R.R. 1-1235
- Bloom, J.H.** Magneto-hydrodynamic (MHD) energy conversion 1-17223
- Bloom, J.H.** Recent results of the MHD blow down experiment 1-29919
- Blomberg, C.** see Edholm, O. 1-28997
- Blomberg, E.L.** see Mattison, E.M. 1-19312
- Blomberg, E.L.** see Vessot, R.F.C. 1-19310, 1-27855
- Blomeke, J.O.**, Croff, A.G. An overall assessment to actinide partitioning and transmutation 1-857
- Blommaert, F.J.J.** see Van Ouwerkerk, H.J. 1-39920
- Blommestein, G.J.F.**, Van Dantzig, R., Slaus, I. Analysis of a p(d, pp)n BOL experiment at E_d = 26.5 MeV 1-708
- Blommestein, G.J.F.**, van Dantzig, R., Slaus, I. The d(pp,n) reaction at E_d = 50 MeV measured with the spherical detector array BOL 1-28482
- Blommestein, G.J.F.** see van Dantzig, R. 1-28483
- Blomqvist, C.G.**, Nixon, J.V., Johnson, R.L., Jr., Mitchell, J.H. Early cardiovascular adaptation to zero gravity simulated by head-down tilt 1-13329
- Blomqvist, J.** see Daly, P.J. 1-23550
- Blomqvist, J.** see Kawade, K. 1-23601, 1-28385
- Blomqvist, K.I.** see Bosted, P.E. 1-14515
- Blondeau, G.**, Froelicher, M., Hugot-le Goff, A., Zerbino, J. Electroreflectance of silver in the dissolution region 1-35016
- Blondel, A.** see Scharre, D.L. 1-18485
- Blondel, A.P.** see Himel, T.M. 1-18482
- Blondiaux, G.** see Valladon, M. 1-31937
- Blondiaux, F.**, Wollnick, H., Rehfeld, D., Geisse, C., Jung, G., Koglin, E., Pfeiffer, B. A magnetic electron separator for beta spectroscopy with a Ge(HP)-detector 1-28784
- Blonskii, I.V.**, Krochuk, A.S., Franiv, A.V. Exciton-phonon interaction in GaSe 1-2887
- Blonskis, V.** see Vasilets, O. 1-16291
- Bloodworth, I.J.** see Armstrong, T. 1-10606
- Bloom, A.L.** Refining and optimization in multi-layers 1-37402
- Bloom, A.L.** see Taylor, F.W. 1-22286
- Bloom, E.D.** Radiative transitions to an n_g (2980) candidate state and the observation of hadronic decays of this state 1-45291
- Bloom, E.D.** see Partridge, R. 1-10207
- Bloom, G.R.** see McQuow, J.J. 1-18726
- Bloom, M.**, Davis, J.H., Valic, M.I. Spectral distortion effects due to finite pulse widths in deuterium nuclear magnetic resonance spectroscopy 1-5348
- Bloom, S.** see Alig, R.C. 1-47131
- Bloom, S.D.** see Grimes, S.M. 1-50510
- Bloom, S.G.**, Rosenberg, H.S., Oxley, J.H., Morasky, T.M., Yeager, K.E. Analysis of variation in cost of FGD systems 1-4603
- Bloomberg, H.W.**, Lampe, M., Colombant, D.G. Early expansion in exploding multiple wire arrays 1-11584
- Bloome, J.A.** see Shapiro, E. 1-43531
- Bloome, M.A.** Fluorescent angiography: risks 1-35868
- Bloomer, R.H.**, Jr., Gill, D.L. II Comment on the 1979 eclipse of γ Aurigae 1-49735
- Bloomfield, L.A.** see Coufflaud, B. 1-24462
- Bloomfield, P.** see Kington, P.A. 1-4718
- Bloomfield, P.E.**, Brown, E.B. Green's-function theory of the transverse Ising model 1-3131
- Bloomquist, D.D.**, Sheffield, S.A. Thermocouple temperature measurements in shock-compressed solids 1-9981
- Bloomster, C.H.**, Fassbender, L.L. The role of second law analysis in geothermal economics 1-17150
- Bloor, D.** Experimental studies of polydiacetylene. Model conjugated polymers 1-20081
- Bloor, D.**, Williams, R.L., Ando, D.J. On the relationship of optical absorption energy and conversion during the polymerization of a crystalline diacetylene 1-43666
- Bloor, D.** see Young, R.J. 1-38304
- Bloor, J.E.**, Sherrod, R.W., Grimm, F.A. An endogenous multiple scattering method for the calculation of the elastic scattering cross sections of electron shape resonances in polyatomic molecules 1-51292
- Bloor, J.E.** see MacNaughton, R.M. 1-41430
- Bloss, L.A.** two-channel 40 MHz oscilloscope. II 1-32970
- Bloss, W.H.** Thin film solar cells 1-13127
- Bloss, W.H.** see Ott, R. 1-35864
- Bloom, W.L.**, Sham, L.J., Vinter, B. Interaction-induced transition at low densities in silicon inversion layer 1-7755
- Bloss, W.L.**, Ying, S.C., Quinn, J.J. Exchange-correlation effects in silicon (111) inversion layers: strain-enhanced valley-occupancy phase transition 1-47728
- Bloss, W.L.**, Ying, S.C., Quinn, J.J., Cole, T., McCombe, B.D. Exchange-correlation effects in silicon inversion layers: valley occupancy phase transitions 1-52509
- Bloss, W.L.** see Kawamoto, G.H. 1-47729
- Blote, H.W.J.**, Nightingale, M.P., Derrida, B. Critical exponents for two-dimensional Potts and bond percolation models 1-36571
- Blote, H.W.J.**, Swendsen, R.H. Critical behavior of the four-dimensional Ising model 1-21008
- Blote, H.W.J.** see Nightingale, M.P. 1-23121
- Blouke, M.M.** see Cowens, M.W. 1-19468
- Blount, E.I.**, Varma, C.M. Reply to 'Comment on "Electromagnetic effects near the superconductor-ferromagnetic transition" 1-7770
- Blount, E.I.** see Greenside, H. 1-34824
- Bludman, S.A.**, Dover, C.B. Extrapolation of the phenomenological nuclear equation of state to high densities 1-655
- Blue, J.L.** Integral equations for electromagnetic scattering by wide scatterers 1-51347
- Blum, P.** see Raich, U. 1-14743
- Bluestein, H.B.** The University of Oklahoma Severe Storms Intercept Project-1979 1-22381
- Bluhm, D.D.** see Fanslow, G.E. 1-43080
- Blum, E.J.**, Johnson, K. Radio astronomy projects in the millimeter range 1-17772
- Blum, J.**, De Cas, R. Static and dynamic control of plasma equilibrium in a Tokamak 1-913
- Blum, K.** see da Paixao, F.J. 1-19192
- Blum, L.**, Henderson, D. Mixtures of hard ions and dipoles against a charged wall: the Ornstein-Zernike equation, some exact results, and the mean spherical approximation 1-48695
- Blum, L.** see Henderson, D. 1-2302, 1-34770
- Blum, L.** see Rovere, M. 1-11665
- Blum, P.** see Izzycki, M. 1-1419, 1-1420
- Blum, P.** see Schwanner, L. 1-15041
- Blum, W.**, Absenger, A., Feilhaber, R. Dislocation structure in polycrystalline AlZn during transient and steady state creep 1-12839
- Blum, W.** see Bock, P. 1-10234
- Blum, W.** see Chabaud, V. 1-50468
- Blum, W.** see Gorlich, L. 1-5656
- Blum, W.** see Konig, G. 1-12849

- Blum, W. *see* Sacharidis, E.J. 1-50469
- Blum, W. *see* Singer, R.F. 1-3853
- Blumberg, H. Levitation correction for the weighing method of automatic Czochralski crystal growth 1-21340
- Blume, H.-J.C. Measurement of dielectric properties and determination of microwave emissivity of polluted waters 1-36680
- Blume, M. *see* Reiter, G. 1-16436
- Blumen, A. *see* Zumofen, G. 1-44845
- Blumenau, L., Hsueh, P.K. FTIR vacuum vessel structural analysis and design 1-6014
- Blumenfeld, B.J. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Blumenfeld, Y. *see* Roynette, J.C. 1-45533
- Blumenkamp, H.J., Wallura, E., Hoven, H., Koizlik, K., Nickel, H. Quantitative Gefügeanalyse farbkontrastierter hochwärmefester metallischer Legierungen (Qualitative texture analysis of colour contrasted high temperature metallic alloys) 1-48639
- Blumenkamp, H.-J., Hoven, H., Koizlik, K., Nickel, H. Optimierung der Phasenkenntnis mittels kontrastier-kammer für hochwärmefeste metallische Legierungen (Optimization of phase analysis of refractory alloys in the gas-ion-reaction chamber) 1-21687
- Blumenthal, R., Klausner, R.D., Weinstein, J.N. Voltage-dependent translocation of the asialoglycoprotein receptor across lipid membranes 1-21990
- Blumlich, B., Ziessow, D. 2D NMR spectra from stochastic NMR. Coupling and exchange information from third order frequency Kernel 1-44969
- Blumlein, J., Kraeft, W.-D., Meyer, T. On the calculation of the electrical conductivity of a nonideal hydrogen plasma 1-38059
- Blumova, V. Contrast transfer function during contact copying with insufficient thrust 1-14193
- Blumsack, S. *see* Barillon, A. 1-54179
- Blundell, D.J. *see* Tunncliffe, J. 1-35289
- Blundell, M.G., Overshott, K.J. A comparison of the power loss and domain structure of wide and narrow amorphous ribbons 1-12350
- Blundell, M.G. *see* Overshott, K.J. 1-12349
- Blundell, T., Lindley, P., Miller, L., Moss, D., Slingsby, C., Tickle, I., Turnbull, B., Wistow, G. The molecular structure and stability of the eye lens: X-ray analysis of γ -crystallin II 1-53752
- Blunt, R.T. A microscope hot stage addition for magnetic bubble measurements 1-248
- Blunt, R.T. The relationship between uniaxial anisotropy and composition in some magnetic bubble garnets 1-21019
- Blunt, R.T. Effects of ion implantation on the temperature coefficient of bubble collapse field in magnetic bubble garnet materials 1-38959
- Blurton, K.F. *see* Bowman, R.M. 1-48829
- Bluyssen, H.J.A., Baan, J.C., Tan, T.B., Wyder, P. Study of cyclotron-resonance-induced conductivity in n-GaAs 1-3263
- Bluyssen, H.J.A., Van Etteger, A.F., Maan, J.C., Wyder, P. Very short far-infrared pulses from CO₂ lasers using CH₃OH/D₂ CH₃F, and HCOOH pumped using an EQ-switched CO₂ laser as a pump source 1-29264
- Bly, S.H.P. *see* Arrowsmith, P. 1-35534
- Bly, V.T. Passive visible to infrared transducer for dynamic infrared image simulation 1-24524
- Blyakhman, L.G., Nechaev, V.G. Conditions for the onset of a vacuum resonant microwave discharge in a magnetostatic field 1-42241
- Blyashenko, G.S. *see* Shklyarevskii, I.N. 1-43200
- Blyckert, W.A., Carter, R.D. Criticality parameters of 55-gal waste drum arrays 1-50798
- Blyler, L.L., Jr., DiMarcello, F.V. Fiber drawing, coating, and jacketing 1-11190
- Blyth, C.O. *see* Okumusoglu, N.T. 1-23630
- Blyth, W.L. *see* Ames, J.R.W. 1-14200
- Blythe, H.J., Walz, F., Kronmüller, H. Magnetic relaxation in neutron-irradiated ordered Ni₂Fe 1-25992
- Blythe, H.J., Walz, F., Dworschak, F. A magnetic relaxation occurring below 15 K in nickel-doped α -iron after low-temperature electron irradiation 1-7956
- Blythe, H.J. *see* Walz, F. 1-21016
- Blythner, K. *see* Berthel, K.-Kh. 1-47804
- Bo Deng *see* Deng Bo
- Bo Liu *see* Liu Bo
- Bo-lin Chao *see* Chao Bo-lin
- Bo-qing Hu *see* Hu Bo-qing
- Boag, J.W., Currant, J. Current collection and ionic recombination in small cylindrical ionization chambers exposed to pulsed radiation 1-18955
- Boal, D.H., Woloshyn, R.M. Role of direct emission in strong and electromagnetically induced inclusive reactions 1-50572
- Board, K., Darwish, M. Exact analysis of the conductivity of polycrystalline silicon films 1-2956
- Board, K., Darwish, M. Evaluation of spatial dependence of bulk trap density in MOS devices 1-16370
- Board, K., Darwish, M. Theory of switching in polysilicon-n-p⁺ silicon structures 1-34752
- Board, K. *see* Darwish, M. 1-20875
- Boateng, A., Begley, J.A., Staehle, R.W. Corrosion fatigue of type 304 stainless steel in H₂SO₄ and boiling NaOH 1-43583
- Boatner, L.A., Abraham, M.M., Rappaz, M. Analogs of monazite for the storage of radioactive wastes 1-41214
- Boatner, L.A. *see* Beall, G.W. 1-52117
- Boatner, L.A. *see* de Goer, A.M. 1-20486
- Boatner, L.A. *see* Orlovski, R. 1-19288
- Boatner, L.A. *see* Prater, R.L. 1-35037
- Boatner, L.A. *see* Rappaz, M. 1-43006
- Boatwright, J. *see* House, L. 1-44115
- Bobak, A. Exactly solvable model of amorphous ferromagnets 1-38918
- Bobashev, S.V., Shmaenok, L.A. Photoionization quantummeter for absolute intensity measurements of vacuum ultraviolet and soft X-ray radiation from laser plasma 1-50207
- Bobashev, S.V. *see* Feigler, C.S. 1-45915
- Bober, H.T., Quesnel, D.J. Chemical lathe for the efficient preparation of high quality surfaces for low-cycle fatigue 1-1-36642
- Bober, M., Karow, H.U., Müller, K. Study of the spectral reflectivity and emissivity of liquid ceramics 1-20431
- Bobev, K.S. UVM-2—a device for measurement of natural and artificial ultra-violet radiation 1-40850
- Bobin, J.L. Plasma flow produced by laser beam impact 1-11580
- Bobis, J.P. *see* Kasza, K.E. 1-50890
- Bobisut, F. *see* Heagy, S.M. 1-50433
- Bobkov, A.F., Suvorov, A.L. Kinetics of field evaporation (plasma regime) 1-12641
- Bobkova, N.M., Tizhova, Zh.S., Tizhova, V.V., Cherenda, N.G. Structure of zirconium-containing aluminoborosilicate glasses by IR and EPR spectroscopy 1-21199
- Bobkowski, R. *see* Bielski, A. 1-37156
- Bobovich, L.I. *see* Kaminski, A.A. 1-31167
- Bobovich, Ya.S. *see* Baranov, A.V. 1-24157
- Bobovich, Ya.S. *see* Petrov, V.I. 1-6612
- Bobovnick, P. Bandwidths of the AM and FM radio channels under interferential propagation between the Earth and the ionosphere 1-4676
- Bobrenko, V.M., Kutsenko, A.N., Sheremetkov, A.S. Acoustical tensometry. I. Physical principles 1-29561
- Bobrinskii, A.P. *see* Markoch, V.M. 1-17001
- Bobrov, E.S. *see* Marston, P.G. 1-48873
- Bobrov, E.S. *see* Parmer, J.F. 1-48871
- Bobrov, M.S. 'Closed' and 'open' solar wind streams 1-22657
- Bobrov, N.L. *see* Rybal'chenko, L.F. 1-47805
- Bobrov, S.N. Relationship between the type of fracture of steel DTKhFNSH and the microrelief of the worn surface 1-48491
- Bobrova, G.I. *see* Vasilev, L.L. 1-46658
- Bobrovich, V.P., Kambrovskii, G.S., Nekadomov, Sh., Senyuk, M.A. Characteristics of the polarized fluorescence of stilbene 1-51237
- Bobrovitskii, Yu.I. Calculation of the vibrations of symmetric thin-walled structures 1-37690
- Bobrowicz, F.W. *see* Noell, J.O. 1-1095
- Bobrowski, K. *see* Stuglik, Z. 1-17122
- Bobrysheva, A.I., Zvykov, V.T., Beryl, S.I. The interaction of surface excitons 1-2877
- Bobrysheva, N.P. *see* Brach, B.Ya. 1-38922
- Bobulev, R.C. *see* Stanculescu, C. 1-36677
- Bobylev, A.V. On the Green function of the linear Boltzmann equation 1-5256
- Bobylev, A.V. On the structure of spatially homogeneous normal solutions of the nonlinear Boltzmann equation for a mixture of gases 1-19857
- Bobylev, A.V. Structure of the general solution and classification of particular solutions of the nonlinear Boltzmann equation for Maxwellian molecules 1-24914
- Bobylev, A.V., Rashkovich, L.N. An interference method of measuring the rate of crystal growth in solution, and its application to KH₂PO₄ 1-3598
- Bobylev, B.A., Kravchenko, A.F. Electroabsorption in gallium arsenide at high illumination intensities 1-43098
- Bobylev, Yu.P., Vasilevskaya, A.S., Sonin, S.A., Slepov, I.A. Domains in MBBA subjected to a transverse electric field 1-25161
- Bobyr', N.I., Mozharovskii, N.S. Material creep with programmed stress intensity variation by different paths in relation to form of deviator used for plastic prestraining 1-39385
- Bobyr', N.I. *see* Mozharovskii, N.S. 1-12821
- Bobryev, V.A., Bunkin, F.V., Kirichenko, N.A., Luk'yanchuk, B.S., Simakin, A.V. Stochastic regime of thermochemical heterogeneous process evolution in laser radiation fields 1-31861
- Boca, R., Pelikan, P. Modified PCIL method. II. Second-order energy and geometry of transition-metal halides 1-41319
- Bocarsly, A.B. *see* Bard, A.J. 1-7727
- Bocarsly, A.R., Bookbinder, D.C., Dominey, R.N., Lewis, N.S., Wright, M.S. Photoreduction at illuminated p-type semiconducting silicon photoelectrodes. Evidence for Fermi level pinning 1-7729
- Boccaccio, P. *see* Cernigoi, C. 1-50657
- Boccaletti, M., Coli, M., Napoleone, G. LAND-SAT lineation pattern in the Apennines and its geodynamic significance 1-9134
- Boccarra, A.C. *see* Badoz, J. 1-23313
- Boccarra, A.C. *see* Fournier, D. 1-13046
- Boccardi, S., Pedotti, A., Rodano, R., Santambrogio, G.C. Evaluation of muscular moments at the lower limb joints by an on-line processing of kinematic data and ground reaction 1-53938
- Bocchi, G. *see* Rossi, P.L. 1-35971
- Bocchi, P., Loinger, A. Locality of quantum electromagnetism 1-18404
- Boccuzzi, F., Coluccia, S., Ghiotti, G., Zedchina, A. Influence of surface relaxation on the IR spectrum of microcrystalline MgO 1-52929
- Boccuzzi, F. *see* Coluccia, S. 1-21782
- Boczek, J. *see* Cepelch, Z. 1-13738
- Boczek, M. Creep rupture at non stationary stress and temperature loading conditions 1-15948
- Boczek, M. *see* Toscano, E.H. 1-35317
- Boczek, V. *see* Pavlek, M. 1-10009
- Boch, P. *see* Glandus, J.C. 1-17018
- Bocharkin, V.K. *see* Bokov, V.L. 1-36245
- Bocharov, E.P. Stereoscopic video monitor for an electron microscope 1-23371
- Bocharov, E.P., Sudakov, S.A. Color commutator for an electron microscope video monitor 1-18337
- Bocharova, I.E. *see* Aleksandrova, Z.A. 1-23942
- Bochegov, V.I., Ivanov, K.G., Rodionov, N.A. Growth of bismuth-antimony single crystals from a cooled seed 1-53085
- Bochek, G.L., Grishaev, I.A., Kovalenko, G.D., Kulibaba, V.I. Blocking 1.2 GeV electron radiation spectra in Si monocrystal at an angle of $\theta = 1.7 \times 10^{-2}$ rad 1-2541
- Bochenin, Yu.V., Pak, Yu.N., Pashov, S.N., Polkovnikov, Yu.V. A method of calibrating the RSR-3 apparatus in the exploration from iron-ore deposits 1-27295
- Bocher, K.H. The external absorber and its different systems 1-53642
- Bochey, B. *see* Morek, T. 1-28374
- Bochin, P.P. *see* Legasov, V.A. 1-29931
- Bochkans, V.Ya., Grigale, D.A. Effect of Al₂O₃ on diffusion of boron into silicon 1-11913
- Bochkarev, E.P. *see* Artyushenko, V.G. 1-51575
- Bochkarev, O.B., Kuz'min, E.A., Ogloblin, A.A., Chulov, L.V., Yan'kov, G.B. Pre-equilibrium neutron-production processes in reactions induced by helium and carbon ions 1-23625
- Bochko, A.V., Grigor'ev, O.N., Dzhamarov, S.S., Karyuk, G.G., Kurdyumov, A.V., Oleinik, G.S., Pilyankevich, A.N., Trefilov, V.I., Frantsevich, I.N., Shatkhin, A.M. Effect of structural factors on the mechanical properties of superhard materials based on boron nitride 1-12864
- Bochko, A.V., Grigor'ev, O.N., Dzhamarov, S.S., Karyuk, G.G., Pilyankevich, A.N., Trefilov, V.I., Frantsevich, I.N., Shatkhin, A.M. Effect of structural factors on the ductility and strength properties of superhard materials based on boron nitride 1-53291
- Bochkov, G.N., Kuzovlev, Yu.E. Fluctuation-dissipation theory of nonlinear viscosity 1-32946
- Bochkov, O.E. *see* Flerova, S.A. 1-43075
- Bochve, E., Costa, J.M.L. About the problem of making a smooth protective coating for optical fibers 1-6693
- Bochve, E.J., de Carvalho, E.M., Filho, J.E.R. FM-AM conversion by material dispersion in an optical fiber 1-41858
- Bochsler, P. *see* Ogilvie, K.W. 1-40297
- Bochu, B., Buvozh, J.L., Chenavas, J., Collomb, A., Joubert, J.C., Marzio, M. Bond lengths in [CaMn] (Mn₂)O₄ a new Jahn-Teller distortion of Mn²⁺ octahedra 1-15878
- Bochvar, G.A. *see* Lokshin, E.L. 1-26406
- Bochvar, O.S., Pokhodoev, K.S., Ekina, E.V., Kunyavskaya, T.M. Character of laminations in large extruded sections of alloy D16 1-3804
- Bocian, D.F., Chan, S.I. NMR studies of membrane structure and dynamics 1-13217
- Bocian, D.F. *see* Schick, G.A. 1-43114
- Bock, C.W., George, P., Trachtman, M. An ab initio study of some structural features and the rotational barriers in performic acid, formic acid and hydrogen peroxide 1-45834
- Bock, C.W., Trachtman, M., George, P. An ab initio study of the geometry, harmonic and anharmonic force fields, and fundamental vibrational frequencies of cis- and trans-thioformic acid 1-10713
- Bock, C.W., Trachtman, M., George, P. An ab initio study of the in-plane harmonic force fields and fundamental vibration frequencies of cis- and trans-1,3-butadiene 1-37104
- Bock, C.W., Trachtman, M., George, P. An ab initio study of the harmonic and anharmonic force field and fundamental vibrational frequencies of performic acid 1-37173
- Bock, C.W. *see* George, P. 1-24024, 1-45838
- Bock, C.W. *see* Schmiedekamp, A. 1-10649
- Bock, E. *see* Dong, R.Y. 1-43020
- Bock, G. Load-induced stresses and their relation to the limited stress field 1-4455

- Bock, G.R. *see* Steel, K.P. 1-13259
 Bock, O.L. *see* Oman, C.M. 1-26905
 Bock, P., Heinzelmann, G., Pietrzyk, B., Blarar, G., Blum, W., Dietl, H., Lorenz, E., Richter, R., Bienlein, J.K., Leissner, M., Niczyporuk, B., Rippich, C., Schmitt, M., Vogel, H., Heimlich, F.H., Lezoch, P., Strohsbusch, U. Total cross section for hadron production by e^+e^- annihilation between 9.4 and 9.5 GeV 1-10234
 Bock, R. Wire chambers and software techniques as part of the trigger 1-14771
 Bock, R. (editor) Heavy ion collision, vol.2 1-49887
 Bock, W.J. Temperature measurement and control (in range 77-350K) inside a high-pressure vessel up to 500 MPa 1-27974
 Bock, W.J. *see* Wisniewski, R. 1-28008
 Bockelee-Morvan, D., Crovisier, J., Gerard, E., Kazes, I., Kech, G.S., DeYoung, J., Morris, C.S., Comet, M. (1980a) 1-17795
 Bocker, H. *see* Kleimaier, M. 1-15588
 Bocklin, J., Dittus, F., Ferreira Marques, R., Hofer, H., Kottmann, F., Scharen, R., Taggu, D., Walchli, M., Herold, W.-D., Kaspar, H. A large-area xenon gas scintillation proportional counter (GSPC) with timing information for the detection of low energy muonic X-rays 1-14734
 Bockmann, K. *see* Allen, P. 1-14367, 1-36856
 Bockmann, K. *see* Blitschau, J. 1-10190
 Bockmann, K. *see* Dedden, H. 1-28311
 Bockmann, K. *see* Fritze, P. 1-14431
 Bockmann, K. *see* Grassler, H. 1-50414
 Bocko, P. The equilibrium of three liquid phases upon approach to the tricritical point in water-acetonitrile-benzene-n-hexane mixtures 1-7315
 Bockris, J.O'M. *see* Appleby, A.J. 1-32051
 Bockris, J.O'M. *see* Flitt, H.J. 1-43477
 Bockris, J.O'M. *see* Guruswamy, V. 1-32034
 Boclet, D. *see* Albernhe, F. 1-49809
 Bocquillon, C. *see* Epain, C. 1-28004
 Bocquillon, G., Chateau, C., Lories, J. Polymorphism of the rare earth digermanates and disilicates under high pressure and information given by the Eu^{3+} structural probe 1-25240
 Bocquillon, G., Padiou, J. Polymorphism under pressure of $\text{Sm}_2\text{Ge}_2\text{O}_7$ and identification of the new phase H of the series of rare-earth digermanate 1-2385
 Bocquillon, G. *see* Chateau, C. 1-30126
 Bocktor, N.Z., Brady, J.B. Interdiffusion of S and Se in tiemannite 1-16101
 Bodak, O.I., Marussin, E.P., Bruskov, V.A. The crystal structure of compounds RCO_2C_2 (R = Ce, La, or Pr) 1-30199
 Bodak, O.I., Orishchin, Yu.M., Savchin, V.P., Stakhira, I.M. Anisotropy of X-ray scattering by a layered In_2S_3 crystal 1-29980
 Bodak, O.I. *see* Kotov, B.Ya. 1-20118, 1-52105
 Bodak, O.I. *see* Skolozdra, R.V. 1-20967
 Boddington, T., Gray, P., Walker, I.K. Exothermic systems with diminishing reaction rates: Temperature evolution, criticality and spontaneous ignition in the sphere 1-17057
 Bode, M.F., Evans, A. Infrared emission by dust grains near variable primary sources. III. Type II supernovae 1-4927
 Bodechtel, J., Davids, D., Steinman, R. An experimental multispectral CCD sensor (MOMS) on the Shuttle pallet satellite (SPAS) 1-4746
 Bodechtel, J., Hiller, K., Munzer, U. Comparison of Seasat and Landsat data of Iceland for qualitative geological application 1-54295
 Bodegon, B. Van *see* van Bodegom, B.
 Bodek, A., Ritchie, J.L. Fermi-motion effects in deep-inelastic lepton scattering from nuclear targets 1-50441
 Bodek, A. *see* Barish, B. 1-10192
 Bodek, A. *see* Barish, B.C. 1-10284
 Bodem, F., Reidenbach, H.-D., Fruhmorgen, P., Matek, W., Kaduk, B. Investigations on the hemostatic efficacy of the thermocoagulation of gastrointestinal hemorrhages by convective heat transfer via a miniature endoscopic hot gas probe 1-4383
 Boden, G., Hensel, E. Luminescence measurements on thin silica layers 1-43185
 Boden, N., Radley, K., Holmes, M.C. On the relationship between the micellar structure and the diamagnetic anisotropy of amphiphilic nematic mesophases 1-46997
 Bodenhausen, G. Heteronuclear J spectroscopy 1-318
 Bodenhausen, G., Bolton, P.H. Elimination of flip-angle effects in two-dimensional NMR spectroscopy. Application to cyclic nucleotides 1-14927
 Bodenhausen, G., Turner, D.L. Artifacts in two-dimensional J spectra 1-43033
 Bodenhausen, G. *see* Vold, R.R. 1-14147
 Bodenheimer, P., Tohline, J.E., Black, D.C. Fragmentation in rotating isothermal protostellar clouds 1-40471
 Bodenheimer, P., Tohline, J.E., Black, D.C. Criteria for fragmentation in a collapsing rotating cloud 1-44538
 Bodesheim, J., Otto, A. Evaluation of surface roughness of optical glass by measurement of scattered light 1-36628
 Bodily, K.C. *see* Phillips, D.J. 1-8933
 Bodin, H.A.B., Newton, A.A. Reversed-field-pinch research 1-11588
 Bodine, J.H. *see* Watts, A.B. 1-27117
 Bodis-Wollner, I. *see* Braddick, O. 1-22017
 Bodlund, K. Monotonic curvature of low frequency decay records in reverberation chambers 1-24598
 Bodmer, M. The solar heating of buildings 1-48802
 Bodnar, I.T. *see* Sirota, N.N. 1-12469
 Bodnar, I.V. Phase diagram and growth of single crystals of solid solutions of the system $\text{AgGaS}_2\text{-AgInS}_2$ 1-35163
 Bodnar, I.V., Lukomskii, A.I. Growth of crystals of ternary compounds of type $\text{A}^{\text{III}}\text{B}^{\text{III}}\text{C}_2\text{VI}$ and their properties 1-16677
 Bodnar, R.J. *see* Roedder, E. 1-13623
 Bodnaruk, N.S., Vlasova, M.V., Kakazei, N.G., Kislyi, P.S. Some physical properties of the B-C system according to ESR data 1-3257
 Bodner, G.M., Greenbowe, T.J., Robinson, W.R. The introduction of crystallographic concepts using lap-dissolve slide techniques 1-13964
 Bodner, S.E. *see* McLean, E.A. 1-7004
 Bodonyi, R.J., Smith, F.T. The upper branch stability of the Blasius boundary layer, including non-parallel flow effects 1-42012
 Bodonyi, R.J., Smith, F.T. 1-42094
 Bodrenko, S.I., Krysanov, Yu.A., Novikov, S.A. Propagation of shock waves in foamed polystyrene 1-4197
 Bodrova, L.G. *see* Alifantseva, R.A. 1-39536
 Bodryshev, V.Y., Perel'man, R.G. A study of the durability of acetic materials with sudden drop-impact loads 1-30300
 Bodschnwinna, H., Hense, U. Difficulties in measuring the Abbott curve 1-23171
 Bodt, L.D. *see* De Bodt, L.
 Bodunov, E.N., Malyshev, V.A., Yakovlev, S.V. Luminescence quenching during inhomogeneous broadening of spectra of impurity centers 1-31183
 Boduyang, V.A. *see* Alehev, V.G. 1-18507
 Boduyako, M.N., Kasichev, V.P., Naumovich, N.V. The effect of shape selection on the calculated grain size distribution 1-8320
 Boeck, W. SF_6 -insulation breakdown behaviour under impulse stress 1-52020
 Boecker, B.B. *see* McClellan, R.O. 1-53832
 Boecker, B.B. *see* Mauderly, J.L. 1-43919
 Boeckl, R., Eckler, H. Method of analyzing nickel-iron alloy structures [magnetic heads] 1-17123
 Boecker, L.R. *see* Wiegand, W.J. 1-37341
 Boehler, R., Kennedy, G.C. Thermal expansion of LiF at high pressures 1-7359
 Boehler, R., Kennedy, G.C. Thermal expansion of sodium chloride up to 32 kbar and 500°C 1-34495
 Boehler, R., Ramakrishnan, J. Experimental results on the pressure dependence of the Grüneisen parameter: a review 1-44145
 Boehler, R. *see* Ramakrishnan, J. 1-34451
 Boehler, A. *see* Barber, D.P. 1-28309
 Boehm, B., Labbe, G., Lacroix, M. Detection des défauts de surface par counts de foncault (Detection of surface defects with the help of eddy currents) 1-21688
 Boehm, E. *see* Bosia, G. 1-4732
 Boehm, F., Cavaignac, J.F., von Feilitzsch, F., Hahn, A., Henriksen, H.E., Koang, D.H., Kwon, H., Mossbauer, R.L., Vignon, B., Vuilleumier, J.L. Experimental study of neutrino oscillations at a fission reactor 1-18466
 Boehm, F. *see* Wang, K.-C. 1-1415
 Boehm, J. von *see* von Boehm, J.
 Boehm, L. *see* Reifeld, R. 1-26236
 Boehm, M., Obermoeller, U., Hoehne, K.H. Determination of heart dynamics from X-ray and ultrasound image sequences 1-53850
 Boehm, P. *see* Johansson, S. 1-35721
 Boehm, R.E., Martire, D.E. Statistical thermodynamics of isolated rigid rod-like molecules near a surface 1-25563
 Boehm, R.F., Newell, Ty. Key questions in the application of salt-stratified solar ponds 1-53674
 Boehm, R.F. *see* Kodres, C.A. 1-1809
 Boehm, R.F. *see* Rudloff, F.A. 1-21914
 Boehman, L.L., Anderson, L.A., Crisp, J.N., Pinson, J.D., Bishop, W.S. Analysis of small, non-conventional electric power systems for remote site applications 1-53557
 Boehmer, H. *see* Zales Caponi, M. 1-15140
 Boeljinga, P. *see* Arnolds, D.E.A.T. 1-49138
 Boekema, C. Mossbauer and μSR studies on magnetite 1-12437
 Boekstein, A. *see* van Eekelen, C.A.G. 1-17533
 Boenig, H.D. *see* Schermer, R.J. 1-48923
 Boer, A.G. *see* Ernst, G.J. 1-15147
 Boer, A. Posthuma de *see* Posthuma de Boer, A.
 Boer, E. *see* de Boer, E.
 Boer, F.R. *see* de Boer, F.R.
 Boer, F.W.N. *see* de Boer, F.W.N.
 Boer, F.W.N. *see* de Boer, F.W.N.
 Boer, H. *see* de Boer, H.
 Boer, J. *see* de Boer, J.
 Boer, J.A. *see* Den Boer, J.A.
 Boer, J.D. *see* de Boer, J.
 Boer, J.L. *see* de Boer, J.L.
 Boer, K.S. *see* de Boer, K.S.
 Boer, K.S. *see* de Boer, K.S.
 Boer, K.W. Nonideal diode factors 1-3006
 Boer, K.W. Repulsive traps in $\text{CdS/Cu}_2\text{S}$ solar cells 1-26836
 Boer, P.C.T. *see* de Boer, P.C.T.
 Boer, R., Eckey, H., Finemann, H., Gundlach, W., Raum, H. Verification of coupled neutronic-thermo-hydraulic models for light-water reactors 1-41160
 Boer, W. *see* de Boer, W.
 Boerio-Gates, J., Westrum, E.F., Jr. Thermodynamic studies of orientational disorder in π -molecular compounds. II. Heat capacity of naphthalene-tetracyanoethylene 1-16056
 Boerio-Gates, J., Westrum, E.F., Jr. Thermodynamic studies of orientational disorder in π -molecular compounds. III. Heat capacities of naphthalene-pyromellitic dianhydride and pyrene-pyromellitic dianhydride 1-16057
 Boermans, P. *see* Rota, A. 1-14617
 Boerner, H., Fischer, H., Hartmann, H., Lohr, B., Wollstadt, M., Cassel, D.G., Kotz, U., Kowalski, H., Wiik, B.H., Fohrmann, R., Schmusser, P. The large cylindrical drift chamber of TASSO 1-14741
 Boerner, W.-M. *see* Bodelik, R. 1-23510, 1-23527, 1-30411
 Boerner, W.-M. Polarization utilization in electromagnetic inverse scattering 1-51351
 Boerner, W.-M. Polarization microwave holography. An extension of scalar to vector holography 1-51416
 Boers, A.L. *see* Algra, A.J. 1-20530, 1-26346
 Boers, A.L. *see* Lijns, S.B. 1-12619, 1-12620, 1-21316
 Boersch, H., Grohmann, K., Hamisch, H., Lischke, B., Wohlecke, D. On the Aharonov-Bohm effect 1-49970
 Boersma, C.R. *see* Duinker, W. 1-50600
 Boersma, F., de Jonge, W.J.M., Kopinga, K. Anisotropic classical chain: numerical calculations of thermodynamic properties 1-34892
 Boersma, J., Rahmat-Samii, Y. Comparison of two leading uniform theories of edge diffraction with the exact uniform asymptotic solution 1-29191
 Boerth, D.W., Van-Catledge, F.A. Hydrogenic orbitals as minimum-basis functions for SCF calculations 1-14807
 Boesch, H.E., Jr. *see* Winokur, P.S. 1-42838
 Boese, F.K., Merkel, A., Stahl, D., Stehle, H. A consideration of possible receiver designs for solar tower plants 1-53657
 Boese, R.W. *see* Goldman, A. 1-37182
 Boese, R.W. *see* Larkin, R.J. 1-19093
 Boeshaar, G.O. *see* Balick, B. 1-44605
 Boeshaar, P.C., Keenan, P.C. The problem of spectral classification of stars in the sequence S-SC-C 1-49660
 Boeshaar, P.C. *see* Keenan, P.C. 1-9491
 Boesman, E. *see* Van Steen, F. 1-43004
 Boesten, L. *see* Berger, C. 1-5636, 1-10209
 Boesten, L. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
 Boettcher, A.L. The systems albite-orthoclase-water and albite-orthoclase-quartz-water: chemographic phase relationships 1-44182
 Boettcher, A.L., Robertson, J.K., Wyllie, P.J. Studies in synthetic carbonate systems: solidus relationships for $\text{CaO-MgO-CO}_2\text{-H}_2\text{O}$ to 40 kbar and $\text{CaO-MgO-SiO}_2\text{-H}_2\text{O}$ to 10 kbar 1-39321
 Boettinger, W.J. *see* Armstrong, R.W. 1-2465
 Boettinger, W.J. *see* Kuriyama, M. 1-27968
 Boeuf, A., Fournier, J.M., Manes, L., Rusticelli, F. Preliminary investigations of lattice diffusion in actinides by γ -ray diffraction 1-47060
 Boeuf, A. *see* Fournier, J.M. 1-47860
 Boeuf, J.P., Marode, E. Electron and ion behaviour in the cathode region of a discharge studied by Monte Carlo techniques 1-15719
 Boev, O.V., Arefev, K.P. Existence of positronium-like states in ionic crystals 1-2923
 Boev, S.G., Sigav, G.I. Measurement of electric fields on both sides of a dielectric plate by the dynamic capacitor method 1-50164
 Boff, H. Heat pumps for domestic space heating 1-17229
 Boffi, S., Capuzzi, F. Resonance conditions for the spectral function and single-hole states in finite nuclei 1-28366
 Boffi, S., Giusti, C., Pacati, F.D. Direct nucleon emission by polarized photons 1-28453
 Boffi, S. *see* Barreau, P. 1-28471
 Boffi, V.C. Transport theory for charged particles in electric and magnetic fields 1-5254
 Boffi, V.C., Molinari, V.G. Time-dependent distortion of the distribution function via an operational formulation of the Boltzmann equation 1-202
 Boffi, V.C. *see* Ganapoli, B.D. 1-44862
 Bogaard, M.P., Haines, R. Raman intensities and cartesian polarizability derivatives 1-37215

- Bogaard, M.P.** see Vrbancich, J. 1-33030
- Bogachev, I.N., Charushnikova, G.A.** Effect of interstitial impurities on the fracture toughness of manganese and nickel martensitic steels 1-16883
- Bogachev, L.V.** Free energy in a one-dimensional spherical model with oscillating potential 1-50089
- Bogachev, Yu.S.** see Samoilenko, A.A. 1-6285
- Bogachev, Yu.V.** see Belonogov, A.M. 1-18265
- Bogachera, S.P., Lend'el, V.I.** Relaxation of expanding low-temperature sodium plasma 1-51931
- Bogacik, K.E.** see Carlson, O.N. 1-21564
- Bogacz, A., Bros, J., Gaune-Escard, M., Hewat, A.W., Taylor, J.C.** New fast-ion conductors from uranium halides—the $\text{UCl}_6/\text{Na}_2\text{U}_2\text{Br}_6$ structures 1-11731
- Bogado Leite, S., Ozisik, M.N., Verghese, K.** On the solution of linear diffusion problems in media with moving boundaries 1-18722
- Bogachenko, I.N., Boichuk, M.V.** One method for solution of nonlinear heat conduction problems 1-11288
- Bogachenko, I.N., Boichuk, M.V.** On a solution of a class of reverse cases of heat conductivity 1-29508
- Bogachenko, I.N., Boichuk, M.V.** Calculation of non-linear heat transfer problem temperature fields 1-29518
- Bogachenko, O.V.** Certain aspects of variational theory of evolutionary stochastic boundary value problems 1-14024
- Bogana, Yu.A.** St. Venant principle for strongly anisotropic elastic media 1-51702
- Bogancs, J.** see Nagy, A.Z. 1-21820
- Bogard, D.D.** $^{40}\text{Ar}/^{39}\text{Ar}$ dating, Ar diffusion properties, and cooling rate determinations of severely shocked chondrites 1-49581
- Bogard, D.D.** see Keil, K. 1-32666
- Bogart, J.W.C.** Van see Van Bogart, J.W.C.
- Bogart, T.J.** see Khan, M.A. 1-11046
- Bogatena, V.N.** see Smushkovich, V.L. 1-21669
- Bogatnikov, B.F.** see Yakimova, E.E. 1-21809
- Bogatina, V.I., Ganzha, E.A., Loshkin, O.V., Murin, Yu.A., Nikitin, V.A., Oplavin, V.S.** Production of ^3He isotopes with large transversal momenta in proton-nucleus collisions at 7.5 GeV/c 1-18627
- Bogatina, Ya.G., Surov, Yu.I., Bashkurov, V.A.** Crystallographic texture of SmCo_5 magnets produced by liquid-phase sintering 1-21386
- Bogatko, V.V., Venetsev, Yu.N.** Superconductivity of BaPbO_3 1-21908
- Bogatko, V.V., Venetsev, Yu.N., Abramova, A.I.** Solid solutions in the $\text{SrTiO}_3\text{-Na}_2\text{O}_5\text{Bi}_2\text{O}_3\text{-TiO}_3$ system 1-39043
- Bogatko, V.V.** see Venetsev, Yu.N. 1-21141
- Bogatov, A.P., Eliseev, P.G., Man'ko, M.A., Mikaelyan, G.T., Popov, Yu.M.** Injection laser with an unstable resonator 1-6584
- Bogatov, A.P., Eliseev, P.G., Okhotnikov, O.G., Pak, G.T.** Properties of planar stripe-gemmetry heterojunction lasers. I. Nonlinear and discontinuous current-power characteristics 1-51481
- Bogatskii, A.V.** see Dvorkin, A.A. 1-25255
- Bogatyrer, L.S., Shishkin, I.V., Kaprov, A.I.** Viscosity of polyvinylbutyral materials at the pressing temperature of triplex 1-30436
- Bogatyriv, V.A., Kachurin, G.A., Smirnov, L.S.** Properties of InSb p-n junctions fabricated by Zn implantation with subsequence drive-in diffusion 1-3054
- Bogdan, A.R., Prior, Y., Bloembergen, N.** Pressure-induced degenerate frequency resonance in four-wave light mixing 1-41783
- Bogdan, A.R.** see Prior, Y. 1-33748
- Bogdan, M.** see Lupu, D. 1-20652
- Bogdan, M.M., Kovalev, A.S.** Contribution of domain walls to low-temperature thermodynamics of a one-dimensional ferromagnet 1-42960
- Bogdankevich, L.S., Kuzlev, M.V., Rukhadze, A.A.** Theory of excitation of plasma-filled rippled-boundary resonators by relativistic electron beams 1-24985
- Bogdankevich, L.S., Rabinovich, M.S., Rukhadze, A.A.** Relativistic high-current VHF plasma electronics 1-1481
- Bogdankevich, O.V., Bondar, S.A., Borisov, N.A., Galchenkov, D.V., Konov, A.D., Pevtsov, V.F., Petruschenko, Yu.E., Strel'chenko, S.S., Ulasych, V.N.** Multilayer GaAs-AlAs heterostructure laser pumped transversely by an electron beam 1-33684
- Bogdankevich, O.V.** see Bazhenov, S.L. 1-33695
- Bogdanoff, D.W.** Gasdynamic light guide 1-6646
- Bogdanoff, D.W.** Gasdynamic light guide: high power density transmission measurements 1-6652
- Bogdanoff, J.L.** see Kozin, F. 1-46701
- Bogdanov, A.N., Yablonskii, D.A.** Theory of the domain structure in ferromagnets 1-3215
- Bogdanov, A.V.** see Presnov, V.A. 1-20766
- Bogdanov, E.I.** A classical analog of superradiative phase transition 1-19309
- Bogdanov, E.T.** see Berezin, V.M. 1-37057
- Bogdanov, E.V., Minina, N.Ya.** Appearance of a new group of carriers in antimony under hydrostatic pressure 1-20777
- Bogdanov, M.B.** Derivation of the source function from stellar limb-darkening observations 1-13764
- Bogdanov, P.I.** see Zikov, P.G. 1-24918
- Bogdanov, R.I.** see Romanovskii, E.A. 1-50594
- Bogdanov, S.D.** see Antochik, V.A. 1-5762
- Bogdanov, S.V.** Polarization of light diffracted by elastic lattice vibrations 1-46217
- Bogdanov, S.V.** see Balakirev, M.K. 1-25547
- Bogdanov, V.I., Gladsthe, L.I., Goritskii, V.M., Shneiderov, G.R.** Effect of phosphorus, vanadium, and molybdenum on the brittleness of quenched and tempered steel 10KhSND 1-3906
- Bogdanov, V.I.** see Belan-Gaiko, L.V. 1-25462
- Bogdanov, V.I.** see Portnoi, K.I. 1-2597, 1-25465
- Bogdanov, V.L.** see Klochkov, V.P. 1-33494
- Bogdanov, V.S., Dontsov, Yu.P., Zavenyagin, Yu.A.** Apparatus function of a Fabry-Perot interferometer with nonparallel mirrors 1-335
- Bogdanov, V.V.** Dynamic characteristics of multiple-component strain-gauge scales [for experimental aerodynamics] 1-6907
- Bogdanova, G.S.** see Abdrakhmanov, R.S. 1-52838
- Bogdanova, I.P., Tsyganov, A.B., Yakhontova, V.E.** Computer analysis of afterglow curves from electron beam excitation of a gas target 1-2272
- Bogdanova, Kh.G., Golenishchev-Kutuzov, V.A., Monakhov, A.A., Kuz'ko, A.V., Lukomski, V.P., Chovnyuk, Yu.V.** Observation of magnetoacoustic solitons in KMnF_3 monocrystals in the region near NMR 1-21025
- Bogdanova, M.E.** see Porotnikov, N.V. 1-39289
- Bogdanova, M.V.** see Il'ina, T.M. 1-1535, 1-1616
- Bogdanovich, A.E., Stolyarova, L.A.** Influence of the boundary conditions on the frequency of natural vibrations of composite cylindrical shells with a filler 1-46694
- Bogdanovich, M.G., Fadeeva, N.P., Men', A.N.** Ordering in solid solutions $\text{ZnFe}_{2(1-y)}\text{Cr}_2\text{O}_4$ 1-30170
- Bogdanovskaya, E.I., Dubnov, L.V., Krasikov, K.I., Shvedov, K.K.** Explosive strengthening of austenite steels 1-26479
- Bogdanov, W.W., Christoforou, J.I., Krasowski, W.N.K.** Investigation of the preparation of polymer mixtures using static mixers 1-39302
- Bogdanski, M.** see Jeanneret, J.-B. 1-23683
- Bogdanoff, S.M.** see Settles, G.S. 1-15474
- Boge, M.** see Chappert, J. 1-26088
- Bogen, D.C., Nagourney, S.J., Torquato, C.** A field evaluation of the HASL wet-dry deposition collector 1-53742
- Bogen, D.K.** see Ariel, Y. 1-13374
- Bogen, P., Lie, Y.T.** Detection of atomic hydrogen by resonance fluorescence using two-step excitation with L_α and H_α radiation 1-25059
- Bogen, P.** see Pospieszczyk, A. 1-30554
- Bogers, A.J.** The EC energy modelling programme 1-35613
- Bogert, D.** see Ammosov, V.V. 1-40980
- Bogert, D.** see Efremenko, V.I. 1-33173
- Bogert, D.** see Hays, P.J. 1-45371
- Bogert, D.V.** see Berge, J.P. 1-540
- Bogey, M., Bauer, A.** Microwave spectroscopy of OCS in highly excited vibrational states through energy transfer from N_2 1-41373
- Boggess, A.** see Chi-Chao Wu 1-49793
- Boggess, A.** see Feibelman, W.A. 1-22860
- Boggess, T.F.** see Smirl, A.L. 1-6608
- Boggia, L.M.** see Fantoni, A.C. 1-51190
- Boggild, H.** see Cockerill, D. 1-14742
- Boggs, S.A., Ford, G.L., Chu, F.Y.** Partial discharge location in gas-insulated switchgear 1-20007
- Boggs, S.A.** see Chu, F.Y. 1-15686, 1-38166
- Bogh, E.** see Sharma, R.P. 1-2539
- Boghossian, D.H.** see Abdul-Karim, M.A.H. 1-36700
- Boghossian, H.H., Dubey, K.S.** Electronic thermoelectric power of phosphorus doped Ge 1-38801
- Bogle, R.W.** see Trizna, D.B. 1-13475
- Bognar, I.** see Pabst, R.F. 1-3875
- Bogner, L.** see Afanas'ev, A.M. 1-34961
- Bogod, A.B., Kraiko, A.N., Chernyak, E.Ya.** Flow of a supersonic ideal gas over a planar cascade in the case of a subsonic normal component in regimes with attached shocks 1-2021
- Bogod, V.M.** see Berlin, A.B. 1-17898
- Bogolitsyn, K.G., Bokhovkin, I.M.** Analysis of the UV spectra of model lignin substances of the phenol series 1-1252
- Bogomolov, D.B., Alimov, V.Kh., Gorodetskii, D.E., Zakharov, A.P.** Migration of interstitial molybdenum atoms over large distances in the presence of hydrogen 1-2674
- Bogomolov, E.A., Lubyantsev, N.D., Romanov, V.A., Stepanov, S.V., Shulakova, M.S.** Balloon studies of the spectra and composition of the singly charged component of primary and secondary cosmic radiation using a magnetic spectrometer 1-36151
- Bogomolov, E.N.** On the efficiency and heat transfer of a gas film from a row of holes, when the turbulent boundary layer is blown 1-6848
- Bogomolov, K.S.** see Kharitonov, A.I. 1-28100
- Bogomolov, V.N., Gal'tsov, V.S., Zakharin, I.I., Prokudin, P.P.** Effects of the exit channel on the neutron distribution in beryllium 1-28780
- Bogomolov, V.N., Kholodkevich, S.V., Barskii, I.Ya., Papayan, G.V.** Luminescence of atomic Sn^0 centres stabilized by the dielectric canal matrix of zeolite crystals 1-26265
- Bogomolov, V.N., Kholodkevich, S.V., Polyakov, Ya.S.** Afterglow of zeolite crystals activated by tin atoms Sn^0 1-39145
- Bogomolov, V.N., Zadorozhnyi, A.I., Pavlova, T.M., Petranovskii, V.P.** Lowering of the threshold for the current instability of tellurium in a lattice of atomic-diameter clusters 1-2978
- Bogomolov, Ya.L., Bratman, V.L., Ginzburg, N.S., Petelin, M.I., Yunakovskiy, A.D.** Nonstationary generation in free electron lasers 1-46275
- Bogomolova, L.D., Henner, E.K.** ESR study of the formation of Fe^{3+} ion clusters in sodium silicate and lead silicate glasses 1-52837
- Bogoradovskii, E.T.** see Belyakov, A.V. 1-51294
- Bogoradovskii, E.T.** see Khaikin, L.S. 1-1401
- Bogoslovskii, G.Yu., Panov, V.I.** On designing an experiment to search for local anisotropy of sapce and time 1-27775
- Bogoslovsky, V.A.** see Ogilvy, A.A. 1-54266
- Bogovin, A.A.** see Tokarev, V.M. 1-11290
- Bogovianskii, I.V., Karnatevich, L.V., Konareva, V.G.** Concentration dependence of the excess molar volumes of ^3He - ^4He mixtures 1-20500
- Bogucki, P.** see Garg, U. 1-28445
- Bogus, K., Cathala, M., Gorgens, B., Kerstens, J.** Design and technology of solar arrays for Shuttle launched missions 1-39788
- Bogus, K.** see Bebermeier, H. 1-39804
- Boguslavskii, A.I., Pukhlik, O.I.** Calculation methods in the study of ion-exchange strengthening of flat glass 1-53249
- Boguslavsky, I.V.** see Batyunya, B.V. 1-600
- Boguslavsky, I.V.** see Boos, E.G. 1-5661
- Boguslawski, P.** The collision narrowing of the ESR line in InSb 1-34940
- Bogy, D.B., Shine, S.J., Talke, F.E.** Finite difference solution of the Cossierat fluid jet equations 1-37984
- Bohac, P., Gauman, A.** Phase diagram of the quasi-ternary $\text{B}_2\text{O}_3\text{-Li}_2\text{O-La}_2\text{O}_3$ systems 1-21426
- Bohacek, J.** A resonance bridge with a current comparator for standardization of mutual inductance 1-28034
- Bohacek, J., Fajt, V.** Measurement of power factors of standard capacitors 1-36685
- Bohachevsky, I.O.** Pressure waves in ICF reactor blankets 1-41247
- Bohacik, J., Nogova, A., Lichard, P.** Quark-parton model of multiparticle production in deep-inelastic electron-nucleon interactions 1-568
- Bohandy, J., Kim, B.F.** Temperature dependence of Mg porphyrin, Cu porphyrin, and Pd porphyrin luminescence 1-29023
- Bohdansky, J.** Important sputtering yield data for Tokamak: a comparison of measurements and estimates 1-25024
- Bohdansky, J., Wilson, K.L., Pontau, A.E., Haggmark, L.G., Baskes, M.G.** Combined depth profiling and thermal desorption of implanted deuterium in 304L stainless steel 1-25314
- Bohdansky, J.** see Behrlich, R. 1-26335
- Bohdansky, J.** see Brossa, F. 1-26662
- Bohdansky, J.** see Hintz, E. 1-26336
- Boheim, G., Hanke, W., Eibl, H.** Lipid phase transition in planar bilayer membrane and its effect on carrier- and pore-mediated ion transport 1-17356
- Bohidar, H., Chopra, S.** Fluctuation studies in interaction of lasers with two-photon media 1-8167
- Bohidar, H., Chopra, S.** Experimental studies of entropy and concentration fluctuation by photon correlation technique 1-43134
- Bohl, M.** see Kunne, L.D. 1-53473
- Bohlender, R.A.** see Simpson, O.A. 1-10727
- Bohlen, H.G.** see Homeyer, H. 1-50649
- Bohm, A.** First results of the Mark-J detector at PETRA 1-50452
- Bohm, A.** see Barber, D. 1-14407
- Bohm, A.** see Barber, D.P. 1-534
- Bohm, A.** see Hanna, D. 1-41015
- Bohm, A.** see Irlon, J. 1-50475
- Bohm, C.** see Liljequist, D. 1-23932
- Bohm, E.** see Altkofer, O.C. 1-45773
- Bohm, E.** see Aubert, J.J. 1-5630
- Bohm, G.J.** see Lee, Y.S. 1-37812
- Bohm, H.** see Fleischmann, R. 1-35646
- Bohm, H.-D.V., Werner, L., Jetter, H.** Energy-dependent losses of high-power laser radiation in liquid nitrogen 1-41768
- Bohm, K., Russer, P., Weidel, E., Ulrich, R.** Low-noise fiber-optic rotation sensing 1-41860
- Bohm, K.H.** see Brugel, E.W. 1-54582

- Bohm, M.** The masses of the nonstrange baryon resonances in a quark model with spin-spin and tensor interactions 1—5606
- Bohm, M., Grasser, R., Hofstaetter, A., Scharmann, A.** Thermally and optically stimulated processes in X-irradiated scheelite type crystals 1—3502
- Bohm, M.C., Gleiter, R.** INDO-type calculations on the ground state and various ionic states of transition metal tricarbonyls 1—45852
- Bohm, M.C., Sen, K.D., Schmidt, P.C.** Molecular orbital electronegativity 1—51121
- Bohm, R.** see Klinger, W. 1—23561
- Bohm-Vitense, E.** A comparison of the Mg resonance lines in Am and non Am stars of similar temperatures 1—27516
- Bohm-Vitense, E.** Far-ultraviolet energy distributions of the metal-poor A stars HD 109995 and HD 161817 1—49638
- Bohm-Vitense, E.** Spectral classification from a theoretical point of view 1—54483
- Bohman, C.E., Saladin, J.J.** The relation between night myopia and accommodative convergence 1—35766
- Bohme, D.** Preliminary results of the experimental programme for implementing the astronomical reference system by extending it to galaxies (Taubenburger programme) 1—22667
- Bohme, D.** see Asenjo, E. 1—27411
- Bohme, D.K., Stone, J.A., Mason, R.S., Stradling, R.S., Jennings, K.R.** A determination of proton-transfer equilibrium constants in benzene/halobenzene mixtures at various temperatures using a high-pressure ion source 1—53408
- Bohme, D.K.** see Mackay, G.I. 1—17036
- Bohmer, E., Otto, H.** Measurement of a temporal-variable liquid surface 1—27921
- Bohn, A.J.** see Mangiarotti, R.A. 1—15465
- Bohn, H.G., Zinn, W., Dörner, B., Killmar, A.** Neutron scattering study of spin waves and exchange interactions in ferromagnetic EuS 1—25918
- Bohn, H.G.** see Lutgemeier, H. 1—26047
- Bohn, H.-J., Simon, G.** Influence of phonon drag on the electromigration in metals 1—42582
- Bohn, L.** see Morrell, M.P. 1—18793
- Bohn, M.S., Benson, D.K., Jayadev, T.S.** Thermoelectric ocean thermal energy conversion 1—21893
- Bohn, M.S.** see Benson, D.K. 1—48903
- Bohn, R.K.** see Caminati, V. 1—51187
- Bohne, W.** see Lehr, H. 1—50700
- Bohnén, K.-P., Ying, S.C.** Self-consistent study of surfaces of simple metals by the density-matrix method: (100) and (110) surfaces of Na, K, Rb, and Cs 1—3039
- Bohnert, K.** see Haug, H. 1—47695
- Bohnert, W., Zielsinski, H.G.** The effects of splicing and plugs on mode distribution 1—19427
- Bohning, R.** Investigation into wave formation caused by a vertical compression impact on a curved wall 1—42071
- Bohnke, G., Rosenberg, B.** Resistivity and magnetoresistance of Fe-Ni-P-B amorphous alloys 1—30699
- Bohnlein, G.** see Barfuss, H. 1—3310
- Bohnstedt, W.** The influence of electrolyte additives on the anodic dissolution of aluminum in alkaline solutions 1—8702
- Bohr, A., Mottelson, B.R.** Features of nuclear deformations produced by the alignment of individual particles or pairs 1—10308
- Bohr, A., Mottelson, B.R.** Solutions for particle-rotor and cranking models for single *j* configuration 1—10336
- Bohr, A., Mottelson, B.R.** On the role of the Δ resonance in the effective spin-dependent moments of nuclei 1—50503
- Bohr, A.H., Goldfarb, S.** Diagnostic remote drive requirements for the Princeton TFTR 1—918
- Bohr, H., Laursen, M.** Exact second order calculation of the quark form factors in QCD 1—507
- Bohren, C.F., Battan, L.J.** Radar backscattering by inhomogeneous precipitation particles 1—49341
- Bohren, C.F.** see Huffman, D.R. 1—6476
- Bohrmann, S.** see Che Ming Ko 1—18684
- Bohun, A., Polecha, J.** Radiation induced structure defect in multicomponent phosphate glasses doped with manganese (optical absorption study) 1—52969
- Boichenko, V.A.** see Arkhipov, V.N. 1—39896
- Boichuk, M.V.** see Bogaenko, I.N. 1—11288, 1—29508, 1—29518
- Boichuk, V.I., Nitsovich, V.M., Tkach, N.V.** Exciton absorption of light in thin films 1—3357
- Boichuk, V.I., Nitsovich, V.M., Tkach, N.V.** Thickness dependence of the amplitude of an exciton absorption band of a semiconductor film 1—43203
- Boie, R.A.** see Radeka, V. 1—28801
- Boiko, B.B., Leshchenko, V.G., Petrov, N.S.** Reflection of inhomogeneous electromagnetic waves on the interface between an absorbing and a transparent medium 1—6429
- Boiko, G.A., Dneprovskii, V.S., Zhukov, E.A., Klimov, V.I., Pendyur, S.A., Talenskii, O.N., Fokin, V.S., Chumash, V.N.** Spectral-kinetic properties of luminescence and the generation of sub-nanosecond pulses of light in $A^{IV}B^{VI}$ semiconductors 1—8104
- Boiko, P.N.** see Kharitonov, A.V. 1—13771
- Boiko, S.A., Bletska, D.I., Terekhova, S.F.** Optical constants of GeSe₂ in the intrinsic absorption edge region 1—21163
- Boiko, S.A.** see Kononchuk, G.L. 1—31198
- Boiko, V.A., Pikuz, S.A., Faenov, A.Ya.** Spectral scanning of the X-ray emission of plasma microsources (review) 1—30291
- Boiko, V.A., Vinogradov, A.V., Pikuz, S.A., Skobelev, I.Yu., Faenov, A.Ya., Chugunov, A.Yu.** Diagnostics of optically thick plasmas based on the relative intensities of the spectral lines of multiply charged ions 1—25098
- Boiko, V.I., Bunkin, F.V., Kirichenko, N.A., Luk'yanchuk, B.S.** Diffusion mechanisms of the change in the absorptivity of metals during laser heating in air 1—21298
- Boiko, V.S.** Dislocation description of the motion of a residual twin boundary 1—11771
- Boiko, V.S., Krivenko, L.F.** Investigation of the spatial distribution of acoustic emission on intersection of a surface by a dislocation pile-up 1—42457
- Boiko, V.V., Kushnirenko, I.Ya., Maksimovich, K.-K.** IR absorption spectra of KCl and KBr crystals containing an admixture of BF_4^- anions 1—52971
- Boikov, Yu.A., Goltzman, B.M., Gudkin, T.S., Dedeckae, T.T., Zhukova, T.B., Iordanishvili, E.K., Shmuratov, E.A.** Anomalous increase in the thermoelectric power of n-type PbTe films 1—20888
- Boileau, P.E., Grenier, M., Leach, M.F.** A modified resonance method for determining elastic moduli 1—44913
- Boillot, J.P., Collin, G., Colomban, Ph., Comes, R.** X-ray-scattering study of the fast-ion conductor β'' -alumina 1—34328
- Boillot, J.P.** see Lenfant, P. 1—31395
- Bois, A.G.** see Firpo, J.L. 1—20563
- Bois, D.** see Chantre, A. 1—47543
- Bois, D.** see Gonchond, J.P. 1—20229
- Bois, P.** Autoregressive pattern recognition applied to the delimitation of oil and gas reservoirs 1—22511
- Bois, P.A.** Asymptotic model for justifying the representation of Lee waves by a confined flow 1—54174
- Boischot, A., Rosolen, C., Aubier, M.G., Daigne, G., Genova, F., Leblanc, Y., Lecauchaux, A., De La Noe, J., Møller-Pedersen, B.** A new high-gain, broadband, steerable array to study Jovian decametric emission 1—44434
- Boischot, A.** see Lecauchaux, A. 1—40380
- Boischot, A.** see Ridde, A.C. 1—4894
- Boisse, P., Gispert, R., Coron, N., Wijnbergen, J.J., Serra, G., Rytter, C., Puget, J.L.** A far-infrared survey of the Milky Way from Sagittarius to Cygnus: evidence for large scale variations of the star formation rate and initial mass function 1—54618
- Boissier, M., Vacher, R., Fontaine, D., Pick, R.M.** The elastic anomaly of NaCN at 284K 1—25355
- Boissier, M.** see Vacher, R. 1—35065
- Boistelle, R.** Defect structures and growth mechanisms of long-chain normal alkanes 1—7160
- Boiti, A.** see Abbondanno, U. 1—641, 1—14490, 1—33220
- Boiti, M., Pempinelli, F.** Nonlinear Schrödinger Equation, Backlund transformations and Painlevé transcendents 1—5113
- Boitsov, V.F.** The effect of diffraction on threshold conditions in the ring optical resonator with a spherical mirror 1—1601
- Boitsov, V.F.** Effect of spatial inhomogeneity of gains and losses on the nonreciprocity of meeting waves in a gas ring laser with plane mirrors 1—6581
- Boitsov, V.F.** The effect of diffraction on threshold conditions in the ring optical resonator with a spherical mirror 1—41753
- Boivin, A.** see Boivin, R. 1—29222
- Boivin, J.-C.** see Conflant, P. 1—38352
- Boivin, M.** see Lebrun, M. 1—11312
- Boivin, P., Korprobst, J., Vielzeuf, D., Basset, J.** A 15kb-1500°C gas research unit for petrological and geophysical applications 1—32558
- Boivin, R., Boivin, A.** Optimized amplitude filtering for superresolution over a restricted field. II. Application of the impulse-generating filter 1—29222
- Boiziau, C., Mucchielli, F., Nuvoletto, R., Reynaud, C., Roussel, J.** Interaction of metastable helium beam with surfaces; beam characterization—results discussion. Response to the comments of D.J. Titley, T.A. Delchar and P.D. Johnson 1—39207
- Bojarski, C.** Comments on the mean diffusion length of luminescent molecules in solutions 1—43181
- Bojarski, C., Grabowska, E.** Effect of acceptor concentration upon donor fluorescence decay and quantum yield 1—6311
- Bojarski, N.N.** Exact inverse scattering theory 1—51350
- Bojarski, S.V.** see Novikov, I.I. 1—2620
- Bojarski, Z., Wokulski, Z.** Investigations of iron whiskers in a static tensile test 1—3819
- Bojko, V.V., Ovchinnikova, L.V., Landysheva, G.N.** Nonlinear absorption of high frequency energy by W at large EM wave amplitudes 1—2998
- Bok, J.** see Zvara, M. 1—21224
- Bok Sub Byun, Gangi, A.F.** A constraint-elimination technique for linearly constrained array processing 1—36638
- Bokelmann, R.F., Oblak, E.D.** Storage of fuel elements 1—790
- Bokhan, P.A., Kolbychev, G.V.** Generation of intense beams of runaway electrons 1—34038
- Bokhan, P.A., Silant'ev, V.I., Solomonov, V.I.** Mechanism for limiting the repetition frequency of pulses from a copper vapor laser 1—33665
- Bokhan, Yu.I., Buinov, N.S., Mikhnevich, V.V.** First-order phase transition stimulated by an external electromagnetic field 1—31102
- Bokhenkov, E.L.** see Natkaniec, I. 1—2575
- Bokhenkov, E.L.** see Schmelzer, U. 1—47186
- Bokhonov, A.F.** see Nenchev, M.N. 1—41684
- Bokhovkin, I.M.** see Bogolitsyn, K.G. 1—1252
- Bokor, A.** Partition of impact energy between local deformation and target response 1—54
- Bokor, J., Rhodes, C.K.** Energy splitting between the B and C states of xenon chloride 1—6139
- Bokor, J.** see Rothschild, M. 1—24164
- Bokov, O.G.** Electronic part of the optical Kerr constant in liquids and the hyperpolarizabilities of interacting molecules 1—46466
- Bokov, V.A., Volkov, V.V., Karpovich, V.I., Sher, E.S., Zaitseva, N.V., Trofimova, T.K.** Velocity of domain walls in garnet films under saturation conditions 1—12372
- Bokov, V.A.** see Fregatov, S.O. 1—42989
- Bokov, V.L., Bocharkin, V.K., Gorodinski, G.M., Kruglov, E.M., Pyatigorskii, G.A.** Upper limit of gamma rays with $E \geq 100$ MeV from the quiet Sun, according to data from the gamma-ray telescope on board the Kosmos-561 satellite 1—36245
- Bokova, N.A., Ivasenko, N.F., Mel'chenko, V.S., Pozdeev, V.V.** Reabsorption of the line radiation of a plasma 1—19879
- Bokovikov, A.G.** see Kochergin, V.P. 1—17324
- Boksay, Z., Bouquet, G.** The pH dependence and an electrochemical interpretation of the dissolution rate of a silicate glass network 1—21609
- Boksenberg, A., Danziger, I.J., Fosbury, R.A.E., Goss, W.M.** Ca II absorption lines in the spectrum of the quasar PKS 2020—370 due to galactic material in the group Klemola 31 1—49850
- Boksenberg, A., Sijnders, M.A.J.** IUE observations of the high red shift QSO Q1101—264 1—44666
- Boksenberg, A.** see Barr, P. 1—13855
- Boksenberg, A.** see Clowes, R.G. 1—9714
- Boksenberg, A.** see Wyckoff, S. 1—9709, 1—49847
- Bokshitskii, M.N., Tararukhin, A.V., Arslanov, B.G.** Device for applying impact tensile stress to polymers 1—26689
- Bokshstein, B.S.** see Aleshin, A.N. 1—16093
- Bokut', B.V., Khilo, P.A.** Acoustic gyrotropy characteristics of crystals of planar classes C_{6v} and C_{3v} 1—7267
- Bol, A.** see Gilot, J.F. 1—28341
- Bol, K.** see Meservey, F.B. 1—24992
- Bol, K.** see Owens, D.K. 1—25073
- Boiad, W.** see de Jong, T. 1—27580
- Bolanos, F.** Application of sonar signals in fishing 1—46620
- Bolcich, J.C., Peretti, H.A., Ahlers, M.** Omega and the martensitic transformation in Zr-10Nb and Zr-10Nb-1Al 1—26456
- Bolcich, J.C., Savino, E.J.** Low-temperature internal friction in cold-worked zirconium 1—7252
- Bold, T., Garbarz, B.** The structure of martensite-austenite islands in granular bainite 1—31797
- Boidea, V.** see Abdrhmanov, E.O. 1—722
- Boidea, V.** see Angelov, N. 1—18689
- Boldeman, J.W., Frehaut, J.** The foil thickness correction in $\bar{\rho}$ measurements and the ($\bar{\rho}$ - η) discrepancy 1—776
- Boldeskul, I.E., Kalyagin, G.A., Balitskii, Yu.V.** Assignment and spectral characteristics of the stretching vibrations of exocyclic phosphoryl groups 1—1230
- Boldissar, T.** Crust evolution of terrestrial planets 1—13416
- Boldori, P., Pedroni, G., Stanchetti, E.A., Felici, S.** Performance of the improved ONDA system of computer codes for BWR fuel management 1—41202
- Boldovskaya, I.G.** Doppler effect on oblique radio paths 1—22597
- Boldt, E.A.** see Becker, R.H. 1—13834
- Boldt, E.A.** see Holt, S.S. 1—22892
- Boldt, E.A.** see McKee, J.D. 1—49827

- Boldt, E.A.** see White, N.E. 1-9722
- Boldt, E.A.** see Worrall, D.M. 1-9712, 1-49784
- Boldt, J.** Solar powered water pump for the rural third world 1-17238
- Boldu, J.L.** see Chen, Y. 1-2960
- Bolduan, F.** see Jodi, H.J. 1-43171
- Bolduc, R.L.** see Biswas, N.N. 1-18515
- Boldyrev, A.I., Charkin, O.P.** Ab initio calculation of potential surfaces and geometry of nonrigid molecules. IV. Isostructural series LiBeH_4^- - $\text{LiBH}_4\text{-LiCH}_4^-$ 1-24030
- Boldyrev, A.I., Sukhanov, L.P., Charkin, O.P.** Ab initio calculations of potential energy surfaces for complex formation reactions $\text{BeH}_2 + \text{H}^- \rightarrow \text{BeH}_3^-$ and $\text{BeH}_2 + \text{LiH} \rightarrow \text{LiBeH}_3$ 1-8543
- Boldyrev, M.V.** Role of horizontal movement in the formation of the structure of the Yenisei Range 1-44151
- Boldyrev, M.V.** see Nozhkin, A.D. 1-54036
- Boldyrev, S.A.** see Basov, Yu.G. 1-15674, 1-52010
- Boldyrev, S.I.** see Berlin, A.B. 1-17898
- Boldyrev, S.I.** see Perlin, Yu.E. 1-12560
- Boldyrev, V.V., Zakrevskii, V.A., Urakaev, F.Kh.** Use of the ESR method to investigate mechanical treatment of ionic crystals 1-34923
- Bolef, D.I.** see Stathis, J.H. 1-7229
- Boleslavskaya, G.I.** see Gutkin, T.I. 1-24954
- Bolesta, I.M., Kravchuk, I.M., Lyskovich, A.B.** Optical properties of cadmium iodide doped crystals 1-43148
- Bolesta, I.M.** see Averkiev, V.V. 1-3490
- Boleskaya, T.K., Egorushkin, V.E., Savitskii, E.M., Fadin, V.P.** Optical properties and structural transformation in NiTi 1-30626
- Boleskaya, T.K., Egorushkin, V.E., Savitskii, E.M., Fadin, V.P.** Electronic structure and X-ray spectra of NiTi 1-30627
- Boley, C.D., Scully, M.O.** The statistical mechanical resolution of a thermodynamic 'paradox' 1-40743
- Bolgar, A.S.** see Litvinenko, V.F. 1-30416
- Bolger, J., Boschitz, E., Probstle, G., Smith, G.R., Mango, S., Vogler, F., Johnson, R.R., Arvieux, J.** Evidence for a dibaryon signal in the measurement of elastic π^+d -po scattering 1-41008
- Bolger, J.** see Albanese, J.P. 1-23682
- Bolger, J.** see Gabathuler, K. 1-23681
- Bolger, J.** see Wiedner, C.A. 1-18593
- Bolgov, S.S., Malyutenko, V.K., Pipa, V.I.** 'Negative luminescence' in semiconductors 1-39158
- Bolgov, S.S.** see Malyutenko, V.K. 1-3485
- Bolgov, V.M., Nikiforov, A.S.** Transverse impact-excited flexural vibrations of an infinite plate 1-15443
- Bolin, F.P., Preuss, L.E., Beninson, J.** Dichromatic differential absorptiometry for assessment of lymphedema 1-26983
- Bolin, M.G.** see Ahuja, S.D. 1-9024
- Boling, E., Crow, J.E., Mihalasin, T.** Antiferromagnetic ordering in ErCu: resistivity and specific heat 1-25699
- Bolk, W.T.** Cold-junction compensation for thermo-elements by means of resistance thermometer 1-23233
- Bolkhovityanov, Yu.B., Bolkhovityanova, R.I., Yudaev, V.I.** Investigation of GaAs-In_{0.45}As_{0.55}-In_{0.45}As_{0.55} grading heterojunctions formation 1-21372
- Bolkhovityanov, Yu.B.** see Morozov, B.V. 1-39174
- Bolkhovityanova, R.I.** see Bolkhovityanov, Yu.B. 1-21372
- Boll, S.F., Pulsipher, D.C.** Suppression of acoustic noise in speech using two microphone adaptive noise cancellation 1-29473
- Bolland, T.K.** see Golan, S. 1-48592
- Bolle, D.** Application of few-body methods to statistical mechanics 1-50081
- Bolle, H.-J.** see Kastner, M. 1-4582
- Bolle, L.** Simultaneous production of heating and cooling power 1-26843
- Bollen, R., Van Hauthem, R.** Perceptibility of details on a Medichrome-film 1-40000
- Boller, H.** see Steurer, W. 1-34312
- Bolles, R.C.** see Tenenbaum, J.M. 1-17712
- Bollinger, D., Fink, R.** A new production technique: ion milling. I 1-31706
- Bollinger, D., Fink, R.** A new production technique: ion milling. II. Applications 1-48547
- Bollinger, J.C., Yvernault, G., Yvernault, T., Julg, A., Rajzmann, M.** Dipole moments and conformations of hexamethyl-phosphotriamide (HMPT) and the corresponding aziridinyl derivatives 1-24029
- Bollinger, J.G., Chan, R.H., Yerges, J.F.** Support roll noise reduction using elastomer surfaces 1-41919
- Bollinger, L.** see Smith, R.P. 1-45754
- Bollinger, L.M.** see Nixon, J.M. 1-45747
- Bollini, C.G., Giambiagi, J.J., Tiomno, J.** Wilson loop and related strings for the instanton and their variational derivatives 1-33094
- Bollini, D., Campi, P., Deninno, M., Colla, G., Focardi, S.** Hardware processor for particle track fast identification 1-6077
- Bollmann, W.** Formation enthalpy of Schottky defects in alkali halide crystals and of anti-Frenkel defects in CaF_2 -type crystals 1-20192
- Bollmann, W.** Electric conductivity and lattice disorder of PbMoO_4 crystals 1-20731
- Bollmann, W.** Absorption and ionic conductivity of oxygen-containing SrF_2 crystals 1-21242
- Bollmann, W.** Coloration, photoconductivity, photo- and thermoluminescence of PbMoO_4 crystals 1-21243
- Bollmann, W.** Density and mobility of anti-Frenkel defects in SrF_2 crystals 1-25260
- Bollmann, W., Silvestre, G., Bacmann, J.-J.** Partial secondary dislocations in germanium grain boundaries. II. Reactions with external dislocations in a $\Sigma=25$ coincidence boundary 1-42397
- Bollmann, W.** see Bacmann, J.-J. 1-42396
- Bolma, A.** Problems raised by the use of HCl from organic synthesis for regeneration cationites in the water treatment plants from thermal power stations 1-4052
- Bolmgren, C.R., Sherba, P.S., Moran, D.F.** Temperature regime associated with dry storage of spent LWR fuel 1-862
- Bologa, M.K.** see Didkovskii, A.B. 1-42521
- Bologa, M.K.** see Gordeev, Yu.N. 1-42099
- Bologna, G., Celani, F., Codino, A., d'Ettore Piazzi, B., Fabbri, F.L., Levy, G., Mannocchi, G., Picchi, P., Rivellini, G., Satta, L., Spillanti, P., Zallo, A.** A remotely controlled high voltage power supply system for multiwire and drift chambers 1-28817
- Bologna, J.M.** see Matsakis, D.N. 1-22855
- Bolognese, T.** see Deden, H. 1-28311
- Bolognese, T.** see Fritze, P. 1-14431
- Bolognini, N., Rabal, H.J., Sicre, E.E., Garavaglia, M.** Vibration analysis with Young's fringes modulated speckle 1-6836
- Bolognini, N.** see Sicre, E.E. 1-10929, 1-46234
- Boloix, M.** see Banda, E. 1-9122
- Bolomey, J.C.** see Audet, J. 1-43939
- Bolomey, J.-C.** see Nguyen, D.D. 1-22108
- Bolonin, O.N., Telezhkin, V.A.** Phonon distribution function and Debye temperature in alkali-halide crystals of NaCl type 1-52247
- Bolotin, A.B.** see Bolotin, V.A. 1-10670
- Bolotin, H.H.** Experimental determinations of directional-correlation solid-angle attenuation factors for Ge(Li) γ -ray detectors: comparison of experimental and calculated values 1-23973
- Bolotin, L.I.** see Kivshik, A.F. 1-24983
- Bolotin, V.A., Bolotin, A.B.** Some results of a quantum-mechanical investigation of the make-up and of the electronic structures of dipyrindyls 1-10670
- Bolotina, T.I.** see Lokshin, E.L. 1-26406
- Bolot'ko, G.I.** see Osinskii, V.I. 1-3011
- Bolotnikova, L.S.** see Panov, Y.N. 1-41995
- Bolotova, N.G.** see Ochuk, A.P. 1-27276
- Bolotskiikh, L.T., Geller, Yu.I., Popov, A.K.** Increase in nonlinear resonant susceptibility induced by polarization transfer in molecular collisions 1-6602
- Bolotskiikh, L.T., Geller, Yu.I., Popov, A.K.** Increase in the resonant nonlinear susceptibility induced by polarization transfer in molecular collisions 1-33761
- Bolovinos, A.** see Philis, J. 1-41388, 1-41392
- Bolovkov, A.G.** Source of flicker noise in Schottky barriers 1-20852
- Bolotsits, P.** see Chang, V. 1-32045
- Bol'shakov, A.F., Dmitrenko, A.O., Abalduv, B.V.** Polymorphic transition in polycrystalline specimens of the system ZnS-CdS 1-7321
- Bol'shakov, L.P.** see Filipchenko, A.S. 1-30631
- Bol'shakov, V.I., Drachev, A.L., Drachev, L.A., Kalamkarov, G.R., Kaulen, A.D., Ostovskii, M.A., Skulachev, V.P.** Similarity of properties and visual rhodopsins: conversion of light energy to an electric potential difference 1-17365
- Bol'shakov, V.I., Pilipchenko, Yu.I., Spivakov, V.I.** Effect of heat treatment on the structural strength of low-alloy steels 1-43379
- Bol'shakov, Yu.V.** see Fomin, G.A. 1-31334
- Bol'shakova, I.A., Varshava, S.S., Moskovets, T.A., Chekurin, V.F.** Detectors for simultaneous magnetic field and temperature measurement 1-50178
- Bol'shakova, N.K.** see Tananaev, I.V. 1-39258
- Bol'shanina, M.A.** see Makogon, M.B. 1-31563
- Bol'shchikova, T.P., Kitaev, G.A., Dvoinin, V.I., Degtyarev, M.V., Dvoskina, L.M.** Composition and structure of thin Ag₂S films obtained by precipitation from aqueous solutions 1-53108
- Bol'shoy, L.A., Bunkin, F.V., Vlasov, D.V.** Compensation of nonlinear distortions of beams with arbitrary polarization state 1-51559
- Bol'shov, L.A., Vlasov, D.V., Dykhne, A.M., Starostin, A.N.** Theory of compensation of nonlinear distortions of a light beam by reversal of its wavefront 1-29341
- Bolshov, L.A.** see Belousov, V.N. 1-33767
- Bol'shov, M.A., Zybin, A.V., Koloshnikov, V.G.** Detection of low lead concentrations by laser-excited atomic fluorescence 1-53519
- Bol'shov, V.I.** see Aleksandrova, Z.A. 1-23942
- Bol'shukhin, V.A.** see Zorina, L.N. 1-39137
- Bol'shutkin, D.N., Desnenko, V.A., Il'ichev, V.Ya.** Low-temperature plastic deformation of steels Kh18N(10-15) 1-26541
- Bol'shutkin, D.N.** see Pecherskaya, V.I. 1-2942
- Bolster, R.N.** see Singer, I.L. 1-31684
- Bolsterli, M.** Interaction of isovector scalar mesons with simple sources. II. Isobars and meson scattering 1-588
- Bolt, B.A.** see Drake, L.A. 1-32354
- Bolt, B.A.** see Hansen, R.A. 1-22251
- Bolt, B.A.** see Stifler, J.F. 1-32375
- Bolta, J.M., Higson, E., Sanchis, M.A.** Two-particle correlations in 400 GeV proton-nucleus interactions 1-18518
- Bolta, J.M.** see Adamovich, M.I. 1-45317
- Bolta, J.M.** see Fiorino, A. 1-50583
- Boltax, A.** see Foster, J.P. 1-37000
- Boltscher, W.** see Maurer, A. 1-21689
- Boltersdorf, D.** see Struck, B.D. 1-17314, 1-39840
- Boltich, E.B., Malik, S.K., Wallace, W.E.** Magnetic behavior of the hydrides of Th₂Fe₃, Th₂Co₃ and Th₂Ni₃ 1-20956
- Boltich, E.B.** see Pourarian, F. 1-12356, 1-20970
- Boltin, B.** Calculation of the approximate models of the geomagnetic field 1-53973
- Bolton, C.J., Cordwell, J.E., Hooper, A.J., Marshall, P., Nicholson, R.D., Eades, J.A., Evans, N.S., Steeds, J.W., Stoter, L.P.** Properties and microstructure of 316 stainless steel 1-35394
- Bolton, C.J., Dyson, B.F., Williams, K.R.** Metallographic methods of determining residual creep life 1-31544
- Bolton, C.J.** see Hales, R. 1-47279
- Bolton, C.T., Thomson, J.R.** HD 137569: a population II ultraviolet-bright spectroscopic binary 1-44553
- Bolton, C.T.** see Gulliver, A.F. 1-44573
- Bolton, J.D., Redington, M.** Plastic deformation mechanisms in tungsten carbide 1-34353
- Bolton, J.G., Savage, A.** The surface density of quasars 1-9719
- Bolton, J.R.** see Man Sze Chan 1-8767
- Bolton, P.H.** Enhancement of signals from insensitive nuclei by magnetization transfer via J couplings 1-41525
- Bolton, P.H.** see Bodenhausen, G. 1-14927
- Bolton, R.D., Baer, H.W., Bowman, J.D., Gordon, L. A.** ²⁰Ti light pulser for stabilization of scintillation and lead glass Cherenkov detectors 1-1025
- Bolychevtsev, A.D., Semenyuk, R.A.** A probabilistic quality criterion for a discrete measurement 1-36601
- Bolzani, M., Lazzarin, R.** Comparison between two absorption cooling systems of the 'open' type under different climate conditions 1-17279
- Bolzoni, F., Leccabue, F., Paret, L.** Hard axis anisotropy of Pr₂Co₇ detected by single-point detection technique 1-16438
- Bom, N., Lancelotti, C.T.** New techniques [in diagnostic US] 1-4344
- Bombach, R., Dannacher, J., Stadelmann, J.-P., Vogt, J.** The fragmentation of formaldehyde molecular cations: energetics of the dissociation $\text{X}_2\text{CO}^+(\text{A}^2\text{B}_1) \rightarrow \text{CO}^+(\Sigma^+) + \text{X}_2(\Sigma_g^+)$ ($\text{X}=\text{H}, \text{D}$) 1-29035
- Bombach, R., Dannacher, J., Stadelmann, J.-P., Vogt, J.** The fragmentation of formaldehyde molecular cations: the lifetime of $\text{CD}_2\text{O}^+(\text{A}^2\text{B}_1)$ 1-33501
- Bombelka, R.M.** see Kruger, R.A. 1-46944, 1-46945
- Bombi, G.G.** see Sacchetto, G.A. 1-53460
- Bommel, H.E.** see Strobel, B. 1-30477
- Bomse, D.S., Beauchamp, J.L.** Infrared photochemistry of $(\text{CH}_3)_3\text{Cl}^+$, $(\text{CH}_3)_2\text{Cl}^+(\text{CD}_3)$ and $(\text{CD}_3)_3\text{Cl}^+$ in the gas phase using low-intensity CW laser radiation 1-31873
- Bomse, D.S.** see Casassa, M.P. 1-46045
- Bon, A.L.** see Le Bon, A.
- Bon, A.M., Almairac, R., Nassiri, P., Benoit, C., Ribet, J.L.** Raman scattering spectra of TMA ZnCl_2 1-16568
- Bon Mardion, G.** see Augueres, J.L. 1-40791
- Bona, J.L., Douglas, V.A.** An initial- and boundary-value problem for a model equation for propagation of long waves 1-18032
- Bonaca, M.V., Chunis, J.A., Honan, T.J.** Development of thermal-hydraulic analysis capabilities at Northeast Utilities Service Company (NUSCO) 1-50884
- Bonacic-Koutecky, V.** see Beckmann, H.-O. 1-37377
- Bonafede, H.** see Burgos, E. 1-43107
- Bonafede, M., Dragoni, M.** Stress drop and slip vector on a dislocation in an elastic space due to localized force distributions 1-49227
- Bonafede, M., Mulargia, F., Boschi, E.** The explanation of the occurrence of two or more large seismic shocks in a geologically short time interval on the basis of the stress corrosion theory of crack propagation 1-4456
- Bonafede, M., Mulargia, F., Boschi, E.** The use of accelerometers in seismic strong-motion measurements 1-49426

- Bonafede, M., Sabadini, R.** Tensorial piezomagnetic coefficients for single-domain titanomagnetite crystals at saturation magnetization 1-3232
- Bonalumi, R.A.** Rigorous homogenized diffusion theory parameters for neutrons 1-45568
- Bonamy, J., see Robert, D.** 1-1240
- Bonanos, N., Lilley, E.** Ionic conductivity of Suzuki phases 1-7379
- Bonar, J.A., Kennedy, C.R., Swaroop, R.B.** Coal-ash slag attack and corrosion of refractories 1-3944
- Bonardi, M.** *see* Goetz, L. 1-21754
- Bonazzola, G.C., Costa, S., Crosetto, A., Ferrero, L.M., Garfagnini, R.** A precision fast dosimeter for pulsed high energy X-ray beams 1-18906
- Bonazzola, L., Iacona, C., Michaut, J.P., Roncin, J.** NH_3^+ CH₂ radical in α -glycine single crystal. Effect of the trapping matrix on the structure 1-26038
- Bonazzola, S.** *see* Hameury, J.M. 1-17819
- Bonch-Bruевич, A.M., Kalabushkin, O.I., Kaporiskii, L.N., Salayadov, V.S.** Anisotropy in the scattering of light by the plasma of a laser spark 1-51959
- Bonch-Bruевич, A.M., Komolov, V.L., Libenson, M.N.** Nonlinear optical phenomena caused in semiconductors by intense two-frequency illumination 1-33742
- Bonch-Bruевич, A.M., Przhibetskii, S.G., Chigir, N.A.** Two-quantum resonance excitation of a two-level system 1-51433
- Bonch-Bruевич, V.A., Dolgikh, Yu.K., Timokhin, A.A.** Reliable transversely pumped nitrogen laser 1-37510
- Bonch-Bruевич, V.L.** Nonstationary states of inhomogeneously heated charge carriers 1-12117
- Bonch-Bruевич, V.L., Iskra, V.D.** On the problem of interband optical absorption in disordered semiconductors 1-31118
- Bonch-Osmolovskaya, N.A.** *see* Batsev, S. 1-45384
- Bonch-Osmolovskii, M.M.** *see* Bagaev, V.S. 1-2973
- Bonch-Osmolovsky, M.M.** *see* Bagaev, V.S. 1-47492
- Bonche, P.** Grammaticos, B. Giant resonances in the fused system induced by $^{40}\text{Ca}+^{40}\text{Ca}$ reactions 1-5755
- Bonchev, D., Balaban, A.T., Randic, M.** The graph center concept for polycyclic graphs 1-51080
- Bonchev, D.** *see* Mekenyan, O. 1-4117
- Bonchev, D.** *see* Rousseau, B. 1-50490
- Boncheva-Mladenova, Z.** *see* Dishovsky, N. 1-12644
- Bonczak, B., Dabrowski, J.** A school experiment to confirm Abbe's theory 1-5058
- Bonczek, F., Engel, T., Bauer, E.** Cl adsorption layers on W(110) and (111) surfaces 1-2826
- Bond, A.R.** Reliability and NDT 1-48597
- Bond, C.C.** *see* Faruqi, A.R. 1-14729
- Bond, C.D.** Photographic image intensification by neutron activation of gold toned negatives 1-50250
- Bond, D.J., Hensel, P.** The effects on joint losses of tolerances in some geometrical parameters of optical fibres 1-33815
- Bond, F.R.** *see* Trikouros, N.G. 1-50885
- Bond, G.C., Devay, J.C.** Pre-upper Devonian quartzose sandstones in the Shoo Fly Formation north-western California—petrology, provenance and implications for regional tectonics 1-9132
- Bond, G.R., Devine, G.C., Kulynych, G.E., Rider, R.L.** Plans for the examination of the TMI-2 core 1-45656
- Bond, H.E.** Extremely metal-deficient red giants. I. A new objective-prism, photometric, and radial-velocity survey 1-54496
- Bond, H.E.** *see* Luck, R.E. 1-36273
- Bond, J.R., Efstathiou, G., Silk, J.** Massive neutrinos and the large-scale structure of the Universe 1-27619
- Bond, J.R., Gray, P., Griffiths, J.F.** Oscillations, glow and ignition in carbon monoxide oxidation. I. Glow and ignition in a closed reaction vessel and the effect of added hydrogen 1-43659
- Bond, L.J.** *see* Ilan, A. 1-54006
- Bond, P.D.** Polarizations in heavy-ion-induced transfer reactions 1-3769
- Bond, V.P.** The cancer risk attributable to radiation exposure: some practical problems 1-53827
- Bond, V.P.** *see* Feinendegen, L.E. 1-43920
- Bond, V.R.** Numerical integration of nearly-Hamiltonian systems 1-40339
- Bond, V.R., Janin, G.** Canonical orbital elements in terms of an arbitrary independent variable 1-40328
- Bonda, N.R.** *see* Velu, E.M.T. 1-8272
- Bondal, K.R.** *see* Pande, M.C. 1-32685
- Bondar, L.** *see* Asghar, M. 1-50990
- Bondar, N.P.** *see* Chaikovskii, B.P. 1-35441
- Bondar, S.A.** *see* Bogdankevich, O.V. 1-33684
- Bondar, S.A.** *see* Krutogolov, Yu.K. 1-30855
- Bondar, V.I., Rau, T.G., Goncharov, A.V., Rau, V.G., Ilyukhin, V.V.** Probability approach to special Fourier syntheses (α -synthesis) 1-20026
- Bondar, V.I., Rau, V.G., Struchkov, Yu.T., Akimov, V.M., Molodkin, A.K., Ilyukhin, V.V., Belov, N.V.** Crystal structure of $\text{Cd}(\text{CH}_3\text{COO})_2 \cdot 2\text{CSN}_2\text{H}_4$ 1-20179
- Bondar, V.T.** *see* Verkhoturov, A.D. 1-39535
- Bondar, V.V.** *see* Eremina, N.I. 1-24467
- Bondarenko, A.L.** *see* Abramova, L.M. 1-22199
- Bondarenko, A.N., Drobot, Yu.B., Vologdin, V.K.** Optical apparatus to measure the group velocity of ultrasound 1-46643
- Bondarenko, A.V.** Electrocrystallization of single-crystal iron whiskers 1-35215
- Bondarenko, A.V., Gavriluk, V.D., Golubev, V.S., Lebedev, F.V., Smakotin, M.M.** Prospects for using an AC discharge for pumping fast-flow closed-cycle CO_2 processing lasers 1-1590
- Bondarenko, E.A., Pyatkin, A.A., Grebenkina, V.G., Garaimovich, O.A.** Effect of dielectric gaps on the conductance of resistance composites 1-38824
- Bondarenko, G.G.** *see* Krinchik, G.S. 1-41231
- Bondarenko, G.G.** *see* Lazarev, E.M. 1-35259
- Bondarenko, L.A., Maksimov, S.K., Nagdaev, E.N.** Tetragonal lattice distortions and electrical properties of modulated structures 1-42362
- Bondarenko, N.M., Gul'el'mi, A.V.** Coefficient of nonlinearity of MHD waves in a plasma of finite pressure 1-27343
- Bondarenko, O.N.** Shock adiabats in a mixture of gas and particles 1-19748
- Bondarenko, S.I.** *see* Kravchenko, V.V. 1-20894
- Bondarenko, V.A., Grigor'ev, E.P., Kramer, H.D.** Excitation of ^{187}Hf levels in the reaction $(n,n'\gamma)$ 1-634
- Bondarenko, V.A., Grigor'ev, E.P., Kramer, N.D., Rezvaya, G.L.** Excitation of ^{187}Hf levels in $(n,n'\gamma)$ reaction 1-635
- Bondarenko, V.A., Proke'ev, P.T.** ^{167}Er levels excited in the $(n,n'\gamma)$ reaction 1-23533
- Bondarenko, V.G., Grigor'ev, V.A., Kapling, V.A., Kolyubin, A.A., Maklyayev, E.F., Runtso, M.F.** Scintillation time-of-flight systems of modern telescopes for recording cosmic gamma radiation 1-36185
- Bondarenko, V.I., Urin, M.G.** Semi-microscopic approach to the analysis of the total radiative strength functions of the resonances of the compound nucleus 1-28442
- Bondarenko, V.M., Zhdanov, G.B.** Cosmic rays in service of geology 1-17747
- Bondarenko, V.M.** *see* Petruskas, A.K. 1-18562
- Bondarenko, V.N.** *see* Tischenko, Z.V. 1-1977
- Bondarenko, V.P.** *see* Granitskii, L.V. 1-27386
- Bondarenko, V.S., Gromashevskii, V.L., Kundzich, A.G., Miselyuk, E.G., Sobolev, B.V., Sharov, A.F.** Kinetics of the transverse acoustoelectric effect in Si-LiNbO_3 layer structure 1-25766
- Bondarenko, V.S., Mironov, S.A., Rzhetskii, S.P., Chkalova, V.V., Ageev, A.N., Shaplygina, T.A.** Waveguide SAW acoustooptic convolver 1-29410
- Bondarenko, V.S.** *see* Gertsens, N.P. 1-39042
- Bondarenko, V.S.** *see* Palagushkin, A.N. 1-20578
- Bondarenko, V.V.** *see* Lebedev, S.Ya. 1-45079
- Bondarenko, V.V.** *see* Lititskii, V.A. 1-23803
- Bondarenko, V.V.** *see* van der Straten, P.J.M. 1-12675
- Bondarev, A.A.** *see* Chernov, V.Yu. 1-35330
- Bondarev, A.F.** Spectral evidence of oscillator nonlinearity 1-28925
- Bondarev, I.F.** *see* Gusak, N.A. 1-33794
- Bondarev, K.T., Varshal, B.G., Goikman, V.Yu., Mirskikh, L.L., Shits, L.K., Shits, Yu.A.** Homogenizing effect of aluminate complexes formed in liquid-phase separated silicate glasses 1-48337
- Bondarev, K.T.** *see* Afanas'eva, V.A. 1-12711
- Bondareva, E.V.** *see* Selyavo, A.L. 1-16817
- Bondareva, O.S., Egorov-Timenko, Yu.K., Simonen, M.A., Malinovskii, Yu.A., Belov, N.V.** Crystallochemical characteristics of the structure of Li, Zn, Mn, LiZn and LiMn borates 1-30197
- Bondarovich, G.C., Sokolova, N.A., Tsyvinskii, V.G., Olechuk, V.A.** Multichannel system for examining voltage-pulse shapes 1-18202
- Bondarovich, L.A.** *see* Zlochevskii, A.B. 1-35371
- Bonderup, E.** *see* Cue, N. 1-25339
- Bondeson, S.R., Soos, Z.G.** Thermodynamics of random-exchange Heisenberg antiferromagnetic chains 1-3206
- Bondiek, R.** A precision optical signal generator for measurement applications 1-19347
- Bondorf, J.P.** Promptly emitted particles in nuclear collisions 1-50642
- Bondot, P.** *see* Badiali, J.P. 1-31231
- Bondre, J.R.** *see* Addabbo, C. 1-50802
- Bondre, J.R.** *see* Chon, W.Y. 1-5934
- Bondybay, V.E., English, J.H.** Spectroscopy and relaxation of CS_2^+ in solid Ne 1-6237
- Bondybay, V.E., English, J.H.** Matrix spectra and ground-state vibrational frequency of Sn_2 1-51182
- Bondybay, V.E., English, J.H., Miller, T.A., Shiley, R.H.** The laser-induced fluorescence spectrum of the 1,2,3-trifluorobenzene radical cation 1-37249
- Bondybay, V.E., Miller, T.A.** Absorption and laser induced fluorescence spectra of C_6F_5^+ inert gas matrices 1-6251
- Bondybay, V.E., Miller, T.A., English, J.H.** Absorption and fluorescence spectra of several $\text{C}_6\text{F}_5\text{X}^+$ ($\text{X}=\text{CH}_3$, CF_3 , Cl) cations in solid Ne 1-19128
- Bondybay, V.E., Schwartz, G.P., Griffiths, J.E., English, J.H.** Spectra of inert-gas matrices containing bismuth: ground-state frequency of Bi_2 1-14904
- Bondybay, V.E., Sears, T.J., English, J.H., Miller, T.A.** Low temperature gas phase and matrix studies of the $\text{C}_6\text{H}_5\text{F}_3^+$ and $\text{C}_6\text{H}_5\text{Cl}_3^+$ radical cations 1-4107
- Bondybay, V.E.** *see* Miller, T.A. 1-19129
- Bondyopadhyay, D.** *see* Datta, P. 1-14434
- Boneh, Y.** *see* Hazak, G. 1-10855
- Bonek, E.** *see* Magler, G. 1-24140
- Bonekamp, J., Eguchi, T., Jonas, J.** ^{23}Na NMR study of ionic mesophases in molten sodium carboxylates 1-7959
- Bonel, G.** *see* Elliott, J.C. 1-30177
- Bonet, R., Colli Milazzo, L., Garegnani, A.** An analysis of fluctuations connected with the pre-compound and compound emission in the $^{27}\text{Al}(\text{He,p})$ reaction 1-23664
- Bonetti, S.** *see* Erriques, O. 1-23490
- Bonfait, G.** *see* Thoulouze, D. 1-2746
- Bonfanti, J.C., Ducourtieux, J.P., Bernard, M.** Thermal distribution near a hot sphere situated in a convective and perfused medium 1-8822
- Bonfield, W., Datta, P.K.** Microplasticity in a precipitation hardening Al-Cu-Si-Mg alloy 1-35315
- Bonfim, O.F.** *see* De Alcantara *see* De Alcantara Bonfim, O.F.
- Bong He Hahn, Sung Jo Choi** Residual stress and fatigue by X-ray diffraction method 1-35350
- Bongardt, J.** Influence of the material on the cold forming of plastics 1-26497
- Bongardt, K.** *see* Weber, R. 1-33216
- Bongartz, K.** Status of the fuel stress and failure rate calculations at KFA 1-50782
- Bongartz, K., Lupton, D.F., Schuster, H.** A model to predict carburization profiles in high temperature alloys 1-25315
- Bongiorno, P.** *see* Nath, R. 1-13292
- Bongiovanni, F.** *see* Bruno, M. 1-711, 1-28491
- Bongkitt, M.J.** *see* Shaw, R. 1-40764
- Bonhomme, P.** *see* Laberrigue, A. 1-50280
- Boni, L.** The ecosphere of the Sun and the planets. Emigration of life between the planets 1-4403
- Boni, P.** *see* Wannamaker, B. 1-27318
- Boni, R.** *see* Seka, W. 1-6609
- Boniceal, A., Mariaggi, N., Hughes, E., Teoule, R.** In vitro y irradiation of DNA: identification of radioinduced chemical modifications of the adenine moiety 1-4335
- Bonifacio, R., Casagrande, F., Lugiatto, L.A.** Exact one-particle theory of a free electron laser 1-41655
- Bonifacio, R., Lugiatto, L., Farina, J.D., Narducci, L.M.** Long time evolution for a one-dimensional Fokker-Planck process. Application to absorptive optical bistability 1-46429
- Bonifazi, C., Moreno, G., Lazarus, A.J., Sullivan, J.D.** Deceleration of the solar wind in the Earth's foreshock region: I see 2 and Imp 8 observations 1-40275
- Bonilla, J.F.** *see* Ktonas, P.Y. 1-35738
- Bonilla, L.L., Velarde, M.G.** Localized nonuniform patterns in a diffusion-reaction model with autocatalysis and the Langmuir-Hinshelwood saturation law 1-8532
- Bonin, E.V., Bruggemann, G., Thiel, H.G.** Quenching processes of axially inhomogeneous arcs in SF_6 circuit breakers 1-34153
- Bonincontro, A.** *see* Ballario, C. 1-31082
- Bonino, F., Lazzari, M., Vincent, C.A., Wandless, A.R.** Electrointercalation and diffusion of silver in tantalum disulphide 1-7396
- Bonino, G., Anfossi, D., Bacci, P., Brusasca, G., Longhetto, A.** Atmospheric-dispersion parameter evaluation in the Po valley 1-32508
- Bonino, G., Lombardini, P.P., Longhetto, A., Trivero, P.** Radio acoustic measurement of fog-capping thermal inversions 1-54193
- Bonino, G., Lombardini, P.P., Trivero, P.** Comparison of RASS temperature profiles with other tropospheric soundings 1-4589
- Bonino, G., Longhetto, A., Runca, E.** A physical approach to air pollution climatological modelling in a complex site 1-48933
- Boniort, J.Y., Brehm, C., Dupont, Ph., Guignot, D., Le Serpent, C.** Infrared glass optical fibres for 4 and 10 micron bands 1-11126
- Bonissent, A., Abraham, F.F.** Application of perturbation theory to the crystal-melt interface 1-47365
- Bonissent, A., Finney, J.L., Mutaftshiev, B.** Configurational entropy calculation for the Bernal random packing of hard spheres. Application to the crystal-melt interface 1-7061
- Bonissoni, G., Brandle, F., Ferla, C., Novazzi, P.** Use of microprocessor for X-ray diffractometer control 1-11068
- Bonjour, C.** New developments in sintered carbide cutting tools 1-39468

- Bonjour, E. *see* Khoder, A. 1-25376
- Bonnafé, J. *see* Castagne, M. 1-7636, 1-12122
- Bonnardeau, M. Magnetic monopoles and neutron stars 1-49704
- Bonnarsens, H. *see* Marique, C. 1-21477
- Bonneau, D., Blazit, A., Foy, R., Labeyrie, A. Speckle interferometric measurements of binary stars 1-9574
- Bonneau, D., Foy, R. Speckle interferometry with the CFHT 3.60 m. I. Resolution of the system Pluto-Charon 1-32655
- Bonneau, G. Consistency in dimensional regularization with γ_5 1-14239
- Bonneau, G. Preserving canonical Ward identities in dimensional regularization with a non-anticommuting γ_5 1-40930
- Bonnédal, M. *see* Anderson, D. 1-11533
- Bonnel, B. *see* Fouquart, Y. 1-4555
- Bonnelle, C. *see* Belin, E. 1-31229, 1-31234
- Bonnelle, C. *see* Belrhmi-Belhassan, A. 1-51154
- Bonnelle, C. *see* Platz, P. 1-50292
- Bonnelle, J.P. *see* Lerebours, B. 1-20667
- Bonnemay, A., Delourme, D., Drusch, P., Tran Tuc Vi, Samak, C. Simulation tools in CEA [Commissariat à l'Energie Atomique] 1-28678
- Bonner, B. *see* Trimmer, D. 1-49260
- Bonner, B.P. *see* Sears, F.M. 1-54078
- Bonner, D.C. *see* Dangayach, K.C.B. 1-30565
- Bonner, J.C. *see* Bloch, D. 1-47910
- Bonner, J.C. *see* Johnson, J.D. 1-3196
- Bonner, J.J., Jr. *see* Jester, W.A. 1-45744
- Bonner, R.F. *see* Goldstein, S.R. 1-22177
- Bonner, W.A. Annealing technique for LEC grown twin-free InP crystals 1-12646
- Bonnet, B., Ducourant, B., Fourcade, R., Mascherpa, G. A bidendate complex between sodium sulphate and antimony trifluoride 1-15876
- Bonnet, D., Jager, K.H., Luke, U. Development of a Cd-Se thin film solar cell 1-26838
- Bonnet, D., Jager, K.H., Luke, U. Entwicklung einer Kadmiumselenid-Dünnschichtszelle (Development of a cadmium selenide thin film solar cell) 1-48850
- Bonnet, G. Signal transmission in discontinuous or layered iterative media. II 1-18030
- Bonnet, J., Fournier, G., Pigache, D., Lecuiller, M. Kinetics of species produced by an electron-beam controlled discharge in oxygen at atmospheric pressure 1-2271
- Bonnet, J., Fournier, G., Pigache, D., Lecuiller, M. Kinetics of species produced by an electron-beam controlled discharge in oxygen at atmospheric pressure 1-29934
- Bonnet, J. *see* Fournier, G. 1-46324
- Bonnet, J. *see* Pigache, D. 1-41675
- Bonnet, M. *see* Marraud, A. 1-14201
- Bonnet, M. *see* Vigneron, F. 1-25675
- Bonnet, N. *see* Laberrigie, A. 1-50280
- Bonnet, R. An approach to the anisotropic elastic fields related to a semi-coherent or coherent faceted rod 1-20299
- Bonnet, R. Periodic elastic fields in anisotropic two-phase media. Application to interfacial dislocations 1-38368
- Bonnet, R., Cousineau, E., Warrington, D.H. Determination of near-coincident cells for hexagonal crystals. Related DSC lattices 1-47091
- Bonnet, R., Dupeux, M. Stress calculations for interfacial extrinsic and intrinsic dislocation arrays in anisotropic two-phase media 1-38369
- Bonnetot, B. *see* Bastide, J.P. 1-31459, 1-34275
- Bonnetot, B. *see* Bastide, J.-P. 1-21443
- Bonnaville, J. *see* Escaig, B. 1-11766
- Bonnaville, R., Fishman, G. Local-field effects and excitonic polaritons in semiconductors: a new insight 1-7534
- Bonnier, B. *see* Ader, J.P. 1-521
- Bonnin, A. *see* Cudennec, Y. 1-47063
- Bonnske, H. *see* Knappfner, H. 1-23303
- Bonnor, W.B. Equilibrium of charged dust in general relativity 1-131
- Bonnor, W.B. Rotating charged dust in general relativity 1-5186
- Bonoli, F., Braccasi, A., Marano, B., Merighi, R., Zitelli, V. On the nature of the faint ($B \approx 20$) ultraviolet excess objects and the problem of the X-ray background 1-13878
- Bonoli, F. *see* Battistini, P. 1-17882
- Bonoli, P.T., Ott, E. Accessibility and energy deposition of lower-hybrid waves in a Tokamak with density fluctuations 1-46900
- Bonometto, S.A., Pollock, M.D. The unitary Bogolubov transformation for a quantized scalar field in a Friedman space-time 1-10064
- Bonometto, S.A., Sharp, N.A. On the derivation of higher order correlation functions 1-27622
- Bonomi, A. *see* Goldstein, L., Jr. 1-53684
- Bonomio, F.S. *see* Goldman, A. 1-1221, 1-37182
- Bonomio, R.P., Cucinotta, V., Riggi, F. EPR solution studies of copper(II) mixed complexes containing iminodiacetic or pyridine-2,6-dicarboxylic acids and pyridine, ethylenediamine or diethylenetriamine 1-24175
- Bonora, L., Tonin, M. Superfield formulation of extended BRS symmetry 1-28236
- Bonora, P.L., Bassoli, M., De Anna, P.L., Battaglin, G., Della Mea, G., Mazzoli, P., Miotello, A. Electrochemical and corrosion behaviour of laser-modified aluminium surfaces 1-21650
- Bonsang, B., Ba Cuong Nguyen, Gaudry, A., Lambert, G. Sulfate enrichment in marine aerosols owing to biogenic gaseous sulfur compounds 1-40173
- Bonse, U., Schulke, W., Wolf, G. Compton scattering in hydrogenated amorphous silicon 1-21288
- Bonse, U., Teworte, R. The measurement of the X-ray scattering factors of silicon from the fine structure of Laue-cage rocking curves 1-7044
- Bontchev, P.R. *see* Russev, P. 1-52835
- Bonte, F.J. *see* Lewis, M.H. 1-22122
- Bonte, M. Favre *see* Favre Bonte, M.
- Bontemps, A. *see* Martin, P. 1-20464
- Bontemps, A. *see* Smith, H.J. 1-42402
- Bontius, G.H., Kocnraads, A.J.T.M., Offringa, L.J.J., Valter, G.P., de Zeeuw, W.J. Wind turbines for power generation 1-21838
- Bonville, P., Hodges, J.A., Imbert, P. Yb^{3+} in RAIO_3 ($R = \text{Eu, Gd, Tb, Dy, Ho, Er}$). A ^{170}Yb Mossbauer effect study of the hyperfine parameters, magnetic ordering and relaxation 1-12434
- Bonwick, W.J. *see* Moppert, C.F. 1-4655
- Bonzon, M. *see* Lenk, R. 1-19110
- Boo, W.O.J. *see* Hong, Y.S. 1-13971
- Boody, F.P., Ottinger, C.A., Zediker, M.S., Mile, G.H. Nuclear production of singlet-delta O_2 1-24410
- Boer, A.K. *see* Mason, I.M. 1-17695
- Booi, H.C. *see* Scholten, B.J.R. 1-48411
- Book, D.L. *see* Bernstein, I.B. 1-9613
- Book, N.L. *see* Sitton, O.C. 1-35671
- Book, S.A. *see* Raabe, O.G. 1-4340
- Bookbinder, D.C. *see* Bocarsly, A.R. 1-7729
- Booker, G.R. *see* Abrahams, M.S. 1-52443
- Booker, G.R. *see* Sadana, D.K. 1-11779, 1-15912, 1-38393
- Booker, H.G. A simplified theory of ELF propagation in the Earth-ionosphere transmission line 1-32575
- Booker, H.G. *see* Behroozi-Toosi, A.B. 1-32576
- Booker, H.G. *see* Uscinski, B.J. 1-36501
- Booker, J.R. *see* Law, L.K. 1-22214
- Booker, J.R. *see* Pavlis, G.L. 1-9103
- Booker, R.L. Luminance-brightness comparisons of separated circular stimuli 1-53788
- Bookstein, F.L. *see* Boydston, L.E. 1-17530
- Boom, G. *see* Sleswyk, A.W. 1-3920
- Boom, H. Van Den *see* Van Den Boom, H.
- Boom, R. *see* De Boer, F.R. 1-4120
- Boom, R. *see* Miedema, A.R. 1-42541
- Boom, R.W. Superconductive energy storage for diurnal use by electric utilities 1-48922
- Boom, R.W. *see* El-Derini, M.N. 1-48930
- Boom, R.W. *see* Shintomi, T. 1-53702
- Boone, D.H., Kellogg, T.G., Moore, P.G. Laser surface treatment of a Co-Cr-Al-Y coating 1-31763
- Boone, D.H. *see* Eppinger, E.V. 1-31761
- Boone, D.H. *see* Whittle, D.P. 1-31756
- Boone, J.L., Van Doren, T., Cole, P.L., Engelsen, R.D., Seiter, G.J. The electrical and optical characterization of semiconducting materials for photovoltaic utilization 1-35661
- Boonstra, A.H., Mutsaers, C.A.H.A., van der Kruijs, F.N.G.R. Thick-film resistors with a small TCR value based on lead rhodate and a barium rhodate as conductive materials 1-38771
- Boord, W.T., Chow, P.P., Harrison, W.B., Starling, J.E. Improvements in clarity and environmental stability of TII-containing antireflective coatings 1-37571
- Boore, D.M. *see* Dunbar, W.S. 1-54000
- Boos, E.G., Ermilova, D.I., Samojlov, V.V., Temiraliyev, T., Batyunya, B.V., Boguslavsky, I.V., Dashiyan, N.B., Gramenitsky, I.M., Lednicky, R., Levonian, S.V., Tikhonova, L.A., Valkarova, A., Vrba, V., Zlatanov, Z., Dumbrajs, S., Ertvanne, J., Hannula, E., Villanen, P., Dementiev, R.K., Korzhavina, I.A., Leikin, E.M., Rud, V.I., Herynek, I., Kreplova, O., Reimer, P., Ridky, J., Simak, V., Suk, M., Khudzadze, A.M., Kuratashvili, G.O., Topuriya, T.P., Tsintsadze, V.D. Inclusive and semi-inclusive production of positive pions and protons in pp interactions at 22.4 GeV/c 1-5661
- Boos, E.G. *see* Batyunya, B.V. 1-600
- Boos, J.Y. *see* Loier, C. 1-35260, 1-52150
- Booth, B.J. Unusual wave flow over the Midlands 1-49358
- Booth, L.A. Considerations for inertial confinement fusion reactor design 1-18880
- Booth, L.A., Cox, K.E., Krakowski, R.A., Pendergrass, J.H. Present and future status of thermochemical cycles applied to fusion energy sources 1-53696
- Booth, L.A. *see* Leonard, E.M. 1-18878
- Booth, P. *see* Morgan, C. 1-33120
- Booth, R.S. Recent developments in radioastronomy. I 1-13973
- Booth, R.S. Recent developments in radioastronomy. II 1-27742
- Booth, R.S. *see* Kus, A.J. 1-44667
- Booth, R.S. *see* Porcas, R.W. 1-49851
- Booth, R.S. *see* Winnberg, A. 1-36283
- Boothby, R.M., Williams, T.M. Irradiation-induced phase transformations and orientation relationships in a 12Cr-13Ni steel 1-35254
- Boothe, R.G., Williams, R.A., Kiorpes, L., Teller, D.Y. Development of contrast sensitivity in infant Macaca nemestrina monkeys 1-4284
- Boots, H.M.J., Michels, A.C. Cross-over of exponent values near the critical double point 1-6918
- Boots, H.M.J. *see* Huijser, R.H. 1-38048
- Boots, H.M.J. *see* Trappeniers, N.J. 1-15592
- Booyens, H., Basson, J.H. The application of elastobirefringence to the study of strain fields and dislocations in III-V compounds 1-3361
- Booyens, H., Basson, J.H. The analysis of dislocations in strained III-V semiconductor crystals using elastobirefringence 1-3362
- Booz, J., Fidorra, J. Microdosimetric investigations on collimated fast neutron beams for radiation therapy. II. The problem of radiation quality and RBE 1-44013
- Booz, J. *see* Fidorra, J. 1-44012
- Boozier, A.H. Enhanced transport in Tokamaks due to the toroidal ripple 1-19874
- Boozier, A.H. *see* Auerbach, S.P. 1-29849
- Boozier, A.H. *see* Pytte, A. 1-38061
- Bopp, B.W., Noah, P.V. Stellar surface phenomena: asymmetric light curves of the RS Canum Venaticorum binaries λ Andromedae and II Pegasi 1-27561
- Bopp, B.W., Noah, P.V., Klimke, A. Stellar surface phenomena: stellar rotation and the BY Draconis syndrome in the high-eccentricity binary BD+24°692 1-9519
- Bopp, B.W., Smith, S.E., Noah, P.V. CH Cygni 1-32706
- Bopp, F.W. A method to compare quark and gluon jets in $e^+e^- \rightarrow q\bar{q}g$ hadronisation 1-5639
- Bopp, F.W., Schiller, D.H. Analysing the angular distribution of jets in e^+e^- annihilation 1-5642
- Boppert, H., Schlegel, A., Wachter, P. Optical properties of magnetite Fe_3O_4 1-12498
- Boquet, P. *see* Cattaneo, A. 1-21690
- Bor, S.S. *see* Porter, L.D. 1-32367
- Bor, Zb. *see* Rubinov, A.N. 1-1557
- Bor, Zs., Racz, B., Szabo, G., Horvath, Z.G. Two-dimensional halo laser performance 1-19331
- Bor, Zs. *see* Racz, B. 1-51474
- Bor-Yeu Tsaur *see* Fan, J.C.C. 1-48286
- Borah, B., Bates, R.D., Jr. Interspecies hydrogen bonding between a nitroxide spin label and perfluoro-*t*-butanol studied by DNP and ^1H and ^{19}F relaxation measurements 1-14949
- Borah, B., Bates, R.D., Jr. Dynamics of interspecies hydrogen bonding of a fluorinated alcohol and a nitroxide free radical 1-47974
- Boratav, M. *see* Dykes, M. 1-45784
- Boratto, F.J.M. *see* McLellan, R.B. 1-20467
- Borbély, I., Konig, V., Gruebler, W., Jenny, B., Schmelzback, P.A. The asymptotic S- to D-state ratio of the deuteron- and triton-wave function determined by empirical continuation of the $^2\text{H}(d,p)^3\text{H}$ tensor polarization 1-28455
- Borbély, I. *see* Kovacs, J. 1-23287
- Borcesa, C., Gierlik, E., Kalpakchieva, R., Oganesian, Yu.Ts., Penionzhkevich, Yu.E. Alpha-particle energy spectra measured at forward angles in heavy-ion induced reactions 1-28493
- Borch, C.C. von der *see* von der Borch, C.C.
- Borchers, R. *see* Bischof, W. 1-22442
- Borchert, G.L., Hansen, P.G., Jonson, H.L., Ravn, H.L., Schult, O.W.B., Tidemand-Petersson, P. A curved crystal spectrometer for measurements of small K X-ray energy shifts 1-23940
- Borchi, E., De Gennaro, S. On the low-temperature electrical resistivity of copper and gold 1-7582
- Borchi, E., De Gennaro, S. On the magnetic properties of light rare-earth amorphous alloys 1-42937
- Borckmans, P. *see* Dewel, G. 1-40741
- Borckmans, P. *see* Walgraef, D. 1-40738
- Bordachev, E.G. *see* Alekseev, V.N. 1-51489
- Bordas, J. *see* Mandelkow, E.-M. 1-8814
- Bordas, J. *see* Moody, M.F. 1-8820
- Borde, C.J. *see* Clairon, A. 1-23190
- Borde, I. *see* Abramzon, B. 1-29752
- Borden, P.G. A novel method for measuring the thermal conductivity of electrodeposited gold films 1-32984
- Borden, P.G. *see* LaRue, R.A. 1-39773
- Borden, P.G. *see* Saxena, R.R. 1-8706
- Borden, W.T. *see* Feller, D. 1-51143
- Bordenave-Montesquieu, A. *see* Gleizes, A. 1-6381
- Borderie, B. Present possibilities for bulk analysis in prompt gamma-ray spectrometry with charged projectiles 1-13056

- Borderie, B.**, Bimbot, R., Cabot, C., Gardes, D., Nowicki, L., Tamin, B., Gregoire, C., Ngo, C., Berlangier, M., Hanappe, F. Limitation to the fusion cross section for the system Mg+Cu at high energy 1-23703
- Borderies, N.**, Balmino, G. The rotation of the Mars planet 1-44463
- Borders, J.A.** see Nelson, G.C. 1-26334
- Bordes, G.**, Nicolaidis, A. Acoplanarity distributions at large transverse momenta 1-14421
- Bordin, G.**, Cecchi, G.C., Fraticello, G.B. Remarks on the martensitic transformation in some iron-nickel alloys 1-52283
- Bordner, G.L.** A technique for analysis and error detection for thermohydraulic system data 1-45663
- Bordoloi, K.**, Hoang, C., Bynum, F. Modeling a V-trough collector in terms of zero, single or multiple thermal capacitance nodes 1-17259
- Bordoloi, K.**, Murray, T., Bynum, F., Chaves, E. Optical and thermal performances of a half-circular, cylindrical concentrator 1-32048
- Bordoni, P.G.** see Mazzolai, F.M. 1-20312, 1-42460
- Bordovitsyn, V.A.**, Bykov, N.N., Razina, G.K. Rectilinear motion of a charged magneton in electromagnetic fields 1-41548
- Bordovitsyn, V.A.** see Bagrov, V.G. 1-27776
- Borduin, L.C.** see Stretz, L.A. 1-23825
- Bordure, G.** see Jacquemin, J.L. 1-26831
- Bore, P.J.** see Gordon, R.E. 1-8956
- Borek, J.R.** see Hutchinson, T.E. 1-31947
- Borel, M.M.** see Leclaire, A. 1-15855, 1-15865, 1-30158, 1-30159
- Borello, L.**, Ferraro, M., Penengo, P., Lia Ros-sotti, M. A model of visual perception 1-48997
- Boren, K.L.** Electric power generation using low temperature geothermal resources and wood residues 1-48798
- Boreni, R.J.** see Stalick, J.K. 1-9794
- Borenstein, S.** see LeBritton, J. 1-45299
- Borenstein, S.** see Youngquist, R. 1-5650
- Borenstein, Y.** see Ables, F. 1-34810
- Boreskov, G.K.** see Dadayan, K.A. 1-30545
- Boreskov, K.G.** see Arakelyan, G.G. 1-50408
- Borg, A.** see Barloutaud, R. 1-36885
- Borg, H.** see Hultqvist, B. 1-40286
- Borg, R.C.** see Ott, K.O. 1-14689
- Borg, S.**, Holte, J., Hopkins, F., Rubin, L. Integration of the structural residential energy use model into the midrange energy forecasting system 1-48807
- Borgarello, E.**, Kiwi, J., Pelizzetti, E., Visca, M., Gratzel, M. Photochemical cleavage of water by photocatalysis 1-35663
- Borger, H.-J.** see Hordinsky, J.R. 1-17502
- Borgese, D.**, Bacci, P., Longhetto, A. Applications of telemetry to research on the environment 1-35735
- Borgesen, P.**, Schou, J., Sorensen, H. Ion-induced emission of charged particles from solid hydrogen and deuterium 1-26341
- Borghese, C.**, De Gasperis, P. Magnetic damping and wall mobility in films of the (Eu, Y)₃(Ga,Fe)₂O₁₂ system 1-7919
- Borghese, C.**, De Gasperis, P. Damped surface modes in thick yttrium iron garnet films 1-16484
- Borghese, C.** see De Gasperis, P. 1-7954
- Borghese, F.**, Denti, P., Toscano, G., Sindoni, O.I. An addition theorem for vector Helmholtz harmonics 1-27798
- Borghs, G.**, De Bisschop, P., Silverans, R.E., Van Hove, M., Van den Cruyck, J.M. Hyperfine structures and isotope shifts of the $5d^{10}5p^2$ - $6p^2$ transition in xenon ions 1-46146
- Borghs, G.** see Silverans, R.E. 1-33424, 1-51367
- Borgia, B.** see Diddens, A.N. 1-14747, 1-23998
- Borgia, B.** see Jonker, M. 1-10194, 1-14432, 1-45258
- Borgiel, W.**, Kozarzewski, B., Witanski, K. An application of the modified Zener model for the ferromagnetic transition metals 1-34864
- Borgiel, W.** see Matlak, M. 1-42670
- Borgman, E.R.** see Hershey, J.L. 1-9481
- Borgman, J.** Electronic linear thermometer 1-5309
- Borgmann, D.** see Wedler, G. 1-25571
- Borgman, J.**, Debras-Guedon, J. The plasma torch linked to the atomic absorption spectrometer 1-5403
- Borgogno, J.P.**, Bousquet, P., Flory, F., Lazarides, B., Pelletier, E., Roche, P. Inhomogeneity in films: limitation of the accuracy of optical monitoring of thin films 1-37637
- Boriack, M.L.** Electron-mass enhancement by electron-phonon interactions in a simple charge-density-wave metal 1-34637
- Boriah, S.** see Kueckl, F.A. 1-29654
- Boriakoff, V.** see Ferguson, D.C. 1-49700
- Borikachev, V.N.**, Serov, N.K., Sukharev, V.V., Dyatlova, E.V. Monitoring SP-12 steel-casting taps by a nondestructive method 1-12950
- Boric, B.** The observation of forbidden reflections in V₂Si 1-47042
- Borie, E.** Lamb shift in muonic ⁴He 1-1421
- Borie, R.D.** see Armstrong, A.A. 1-52359
- Boright, J.P.** see Menzel, J.H. 1-23838
- Borin, V.N.**, Bortnik, I.M. Dielectric coatings for gas-insulated high-voltage equipment 1-11503
- Boring, M.**, Cowan, R.D., Martin, R.L. Satellite structure in the 5p and 5s X-ray-photoelectron spectra of the actinides 1-43245
- Boris, J.P.** see Cooper, A.L. 1-38136
- Boriseiko, V.A.**, Martynenko, V.S., Ulitko, A.F. Electroelasticity relations for piezoceramic shells of revolution polarized along the meridional coordinate 1-26129
- Borisenko, A.I.**, Kolomenskiy, A.V., Naan, G.G. Methodological problems in the analysis of the efficacy of the criterion of appearance of solar-flare protons in near-Earth space from radio bursts at a frequency of 9400 MHz 1-22652
- Borisenko, V.A.**, Korobovich, A.P. Analysis of temperature dependences of hardness for niobium-tungsten alloys 1-39413
- Borisenko, V.A.**, Krashchenko, V.P., Statsenko, V.E., Kharchenko, V.K. Effect of temperature and strain rate on the mechanical properties of a low-niobium alloy 1-12824
- Borisenko, V.A.** see Yudkovskii, S.I. 1-43384
- Borisenko, V.E.**, Konstantinov, S.A., Pak, G.T., Ryabtsev, G.I., Yashumov, I.V. Ion-plasma treatment of mirrors of an injection-laser resonator 1-51518
- Borisenko, V.G.**, Pereverzev, Yu.V. Temperature and field induced rotation of the susceptibility ellipsoid in low-symmetry paramagnets 1-30904
- Borisenko, V.G.** see Rozental, O.M. 1-8464
- Borisenkova, E.K.**, Dreval, V.E., Barancheva, V.V., Kurbanaliev, M.K. Deformation and strength properties of 1,2-polybutadiene in uniaxial extension 1-43428
- Borisenkova, E.K.** see Vinogradov, G.V. 1-51726
- Borisevich, N.N.**, Neporent, B.S., Shilov, V.B., Spiro, A.G., Tugbaev, V.A., Lukomskii, G.V., Antonevich, G.N., Subbotin, E.V. Kinetics of POPOP generation spectra in the condensed and gas phases 1-51216
- Borishanskii, K.N.** Effect of yielding in the root fixing in the natural frequencies of steam turbine rotor blades 1-30302
- Borishanskii, V.M.**, Vinogradov, O.S., Luzin, I.P., Tigarev, I.P. Hydraulic resistance of beds of spherical particles 1-29771
- Borishanskii, V.M.** see Subbotin, V.I. 1-28529
- Boriskina, N.G.**, Bryksin, A.M., Kenina, E.M. Resistance to titanium alloys AT3 and AT6 to gas-abrasive wear 1-16900
- Boriskova, T.I.** see Adilbaev, M.K. 1-12907
- Boriskovskii, V.G.** Analysis of stress intensity factors in an oscillating plate with a crack by the method of finite elements 1-37841
- Borisoglebskii, L.A.**, Tesevich, B.I. Calculations of internal conversion coefficients with a balance of the effect of nuclear deformation on the electronic ground state 1-45462
- Boriso, A.A.** see Belousov, V.S. 1-49244
- Boriso, A.A.** see Kutateladze, S.V. 1-29726
- Boriso, A.A.** see Kutateladze, S.V. 1-29726
- Boriso, A.B.**, Feigin, V.A., Shmatov, V.T. Interaction of an edge dislocation with a wedge crack in a hydrostatically compressed crystal 1-42382
- Boriso, A.P.** see Lobkovskii, E.B. 1-7158, 1-42355
- Boriso, A.V.**, Zhukovskii, V.Ch., Eminov, P.A. Resonance bremsstrahlung of an electron by a nucleus in the field of a plane electromagnetic wave 1-45169
- Boriso, A.V.** see Sokolov, A.A. 1-18054
- Boriso, A.Yu.** see Godik, V.I. 1-17364
- Boriso, B.N.**, Datsykov, S.V., Kruzhillin, Yu.I., Orlov, V.K. Pulsed neodymium laser generating high-frequency trains of ~100 J nanosecond pulses 1-33713
- Boriso, D.A.** see Shirochin, L.A. 1-53060
- Boriso, E.V.** see Baldin, V.A. 1-19658
- Boriso, M.F.**, Znamenskii, V.B., Rubinov, Yu.A., Uvarova, T.P. Metered injection of easily-ionized vapor additives into the active medium of a CO₂ laser 1-41661
- Boriso, N.A.** see Bogdankevich, O.V. 1-33684
- Boriso, N.S.** see Efimov, V.A. 1-41007
- Boriso, N.V.**, Ioffe, M.V., Liskova, N.A., Eides, M.I. Local current in the spinning string model 1-40974
- Boriso, N.V.**, Ioffe, M.V., Prigozhin, S.A., Eides, M.I. Investigation of perturbation theory in string-field model 1-524
- Boriso, N.V.** see Ivlev, L.S. 1-4125
- Boriso, S.A.** see Dvoryanskaya, G.K. 1-11906
- Boriso, S.F.**, Semenov, Yu.G., Suetin, P.E. An RC oscillator for gas thermal conductivity measurement 1-19553
- Boriso, S.F.** see Semenov, Yu.G. 1-11491
- Boriso, S.V.**, Mitrofanov, B.V., Shveikin, G.P. Microhardness and elastic properties of solid solutions in the systems Ti-M-C-N, where M is Zr, V, Nb, or Hf 1-35347
- Boriso, S.V.** see Baidina, I.A. 1-42354
- Boriso, S.V.** see Podbereskaya, N.V. 1-30183
- Boriso, V.B.** see Abramov, V.V. 1-29536
- Boriso, V.I.**, Karpenko, V.I., Lebedev, V.I. Thin-film lasers on nonwaveguide layers 1-15192
- Boriso, V.L.** Determination of electron paths in magnesium oxide 1-36154
- Boriso, V.M.** see Baranov, V.O. 1-33763
- Boriso, V.M.** see Baranov, V.Yu. 1-1591, 1-33667
- Boriso, V.N.** see Fedorin, A.K. 1-53322
- Boriso, Yu.S.**, Sidorenko, Yu.A., Kalinovskii, V.R., Gorbato, I.N., Rishin, V.V., Nichiporenko, V.I. Preparation and plasma deposition of a NiCr-Al powder composite 1-39492
- Boriso, Yu.S.** see Borisova, A.L. 1-12774
- Boriso, Yu.V.** see Altarev, I.S. 1-28774
- Boriso, A.L.**, Borisov, Yu.S., Shvedova, L.K., Kocherzhinskii, Yu.A., Nechiporenko, V.I., Vasil'ev, M.A., Kostuchenko, V.G. Reactions in the Cr-SiC system under conditions of ordinary and plasma heating 1-12774
- Boriso, L.** see Baleva, M. 1-16580
- Boriso, L.** see Dimitrova, S. 1-42801
- Boriso, L.D.**, Dimitrova, S.K. Thermoelectric properties of silver doped PbTe 1-7646
- Boriso, Z.U.** see Rykova, T.S. 1-38780
- Boriso, Z.U.** see Tver'yanovskii, Yu.S. 1-34853
- Borisyuk, A.I.**, Kirichok, I.F. Steady-state radial vibrations of piezoceramic spheres in compressible fluid 1-19636
- Borisyuk, V.A.** see Batyev, E.G. 1-2879, 1-42701
- Borisyuk, V.S.** see Fesenko, A.I. 1-1816, 1-27919
- Borivikov, A.A.** see Denegri, D. 1-28356
- Borjesson, P.**, Einarsson, G., Pahlm, O., Ruttmann, U.E., Pipberger, H.V. Comments on 'Compression of the ECG by prediction or interpolation and entropy encoding [by U.E. Ruttmann and H.V. Pipberger, with their reply] 1-22148
- Borkakati, A.K.** see Bhargal, A. 1-19820
- Borkam, W.** Application of microelectronics in optical precision instrument manufacture 1-23284
- Borkova, V.N.**, Zubov, V.A. Recording of modulated optical signals 1-1522
- Borkovskaya, O.Yu.**, Dmitruk, N.L., Konakova, R.V., Soldatenko, N.N., Tkhorik, Yu.A. Recombination properties of interfaces and electrical characteristics of Ge-GaAs and Si₃Ge₂-GaAs heterojunctions 1-38847
- Borkowicz, Z.**, Pralat, A. A meter with radio link for measurement of local conductivity of earth 1-5339
- Borkowski, G.P.** see Meaney, T.F. 1-43989
- Borkowski, K.J.** Blazhko effect in the RR Lyrae variables as a result of double mode pulsation 1-40510
- Borkowski, K.M.** Radio astronomy receivers 1-22684
- Borkowski, K.M.** Problems of the single-frequency solar observations 1-49596
- Borkowski, K.M.**, Zlobec, P., Zanelli, C.A. Problems of single-frequency meter-wavelength solar observations 1-44439
- Borkowski, R.P.** see Michael, J.V. 1-35523
- Borlai, O.** see Nagy, E. 1-21777
- Borland, R.S.** see Gitnick, B.J. 1-50740
- Borland, R.S.** see Mosteller, R.D. 1-45574
- Borland, W.**, Evans, J.P., Mardon, P.G., Sutcliffe, P.W., Waldron, M.B. Effect of purity on sintering behaviour and properties of iron compacts produced from fine powder 1-39274
- Borle, W.N.** see Bagai, R.K. 1-34356
- Borman, J.** see Bercovier, M. 1-8894
- Borman, S.A.** Analysis goes into orbit: look up in the sky! It's a bird, it's a plane, it's lidar! 1-53487
- Borman, V.D.**, Krylov, S.Yu., Nikolaev, B.I., Ryabov, V.A., Troyan, V.I. Kinetic phenomena on flow of a very low density molecular gas in an external field 1-29823
- Borman, V.D.**, Krylov, S.Yu., Nikolayev, B.I., Ryabov, V.A., Troyan, V.I., Frolov, B.A. The effect of a magnetic field on the Knudsen gas flow 1-11424
- Bormann, R.**, Freyhardt, H.C. V₂Ga micro-composite conductors: preparation and superconducting properties 1-48296
- Bormans, B.J.M.**, Olbertz, A.H.M. An investigation of the spectral content of a mode-locked pulsed CO₂ laser 1-6591
- Born, E.**, Schwarzbauer, H. Perspective fields of application of texture topography and further development of its apparatus 1-25121
- Born, P.J.**, Robertson, D.S. The chemical preparation of gallium nitride layers at low temperatures 1-31359
- Bornarel, J.**, Bastie, P. Differential γ -ray diffraction: A new technique in the study of twinned crystals behaviour. Some examples on KH₂PO₄ samples 1-20036
- Bornatici, M.**, Engelmann, F. General theory of anomalous particle transport in weakly space and time dependent plasmas 1-19876

- Bornatici, M., Engelmann, F., Maroli, C., Petrillo, V. Propagation and absorption of the extraordinary mode at frequencies around the second harmonic of the electron cyclotron frequency in a high density plasma 1-46882
- Bornea, D. *see* Taitel, Y. 1-2057
- Bornec, Y. *Le see* Le Bornec, Y.
- Borner, H.G. *see* Alexeev, V.L. 1-639
- Borner, H.G. *see* Koch, H.R. 1-10584
- Borner, H.G. *see* Schumacher, M. 1-10378
- Borngen, F., Kalligolyan, A.T. Compact galaxies in the neighborhood of the cluster A 2255 1-9662
- Borngen, F., Kalligolyan, A.T. Compact galaxies in a field around 07°59'54"44" 1-36395
- Bornmann, S. *see* Gornert, P. 1-7484
- Bornstein, A., Pobner, H. GC/IR analysis of wood-derived chemicals 1-53500
- Bornstein, A. *see* Reisfeld, R. 1-26237
- Borodachev, S.M. Electrical resistance of binary alloys with short-range order (the weak scattering approximation in the coherent potential approximation) 1-47611
- Borodai, N.V. *see* Guminetskii, S.G. 1-51372
- Borodin, N.F. *see* Avduenskii, V.S. 1-9396
- Borodin, N.F. *see* Vernov, S.N. 1-4731
- Borodin, V.A., Brenner, E.A., Tatarchenko, V.A. Some aspects of the macroscopic theory of oriented crystallization from the melt. III. The Verneuil technique 1-7098
- Borodin, V.A., Tatarchenko, V.A., Chernyshova, L.I., Yalovets, T.N. Influence of thermal process parameters on the face development of single crystals of corundum grown by the Verneuil method 1-31339
- Borodin, V.S., Rutberg, F.G., Tyutina, N.M., Korsukov, V.E. Auger spectroscopy of the surfaces of high-current activated tungsten electrodes 1-31944
- Borodin, V.S. *see* Glebov, I.A. 1-15628
- Borodina, T.I., Val'yanov, G.E., Gutnova, L.B., Fomina, G.A. An X-ray structural investigation of the reactions of yttria with chromium and tungsten 1-21410
- Borodkina, M.M., Kurtasov, S.F. Investigation of the texture by the method of inverse pole figures 1-16996
- Borodkina, M.S. *see* Cherkasov, Yu.A. 1-40885
- Borod'ko, Yu.G. *see* Shul'ga, Yu.M. 1-16722
- Borodulya, V.A., Ganzha, V.L., Upadhyay, S.N., Saxena, S.C. Heat transfer from in-line and staggered horizontal smooth tube bundles immersed in a fluidized bed of large particles 1-19709
- Borondo, F., Macias, A., Riera, A. Asymmetry effect in the neutralization reaction $H^+ + H^-$ 1-46112
- Boronoov, V.V., Gomboev, N.Ts., Mironov, V.L., Trubacheva, E.A. Experimental determination of the fluctuation correlation scales of intensity and coherence of laser beams in turbulent atmospheres 1-33620
- Boronoov, V.V., Gomboev, N.Ts., Zubritskii, E.V. Optical measurements of profiles of fluctuations in refractive index under conditions of mountainous region 1-32493
- Boronski, E., Szotek, Z., Stachowiak, H. Exact solution of the Kahana equation for a positron in an electron gas 1-47580
- Boronski, E. *see* Stachowiak, H. 1-47579
- Boros, L., Barva, I. Transferred TSEE in BeO:Li as a dosimeter of ultrasound 1-9036
- Borosom, T.A. *see* Foltz, C.B. 1-9656
- Borovich, B.L. *see* Artem'ev, A.Yu. 1-46311
- Borovik, A.A. *see* Aleksakhin, I.S. 1-24268
- Borovik, A.E. *see* Biegala, L. 1-25915
- Borovik, A.S., Shipatov, E.T. Investigation of the radiation damage to a single crystal of KCl using the method of backward scattering and channeling of hydrogen and helium ions 1-52189
- Borovik, V.G. Algorithm for renumbering nodal unknowns in the finite-element method 1-27766
- Borovikov, A. *see* Arestov, Yu. 1-5668
- Borovikov, A.A. *see* Arestov, Yu.I. 1-36892
- Borovikov, V.S., Frishman, A.M. Abnormal effects, accompanying metamagnetic transition in a longitudinal pulse field 1-12295
- Borovikov, V.S., Frishman, A.M. Absorption of low-frequency magnetic field under longitudinal pumping in antiferromagnets 1-21057
- Borovikov, V.S. *see* Vainshtein, A.A. 1-26545
- Borovinskaya, I.P. *see* Petrunkin, V.F. 1-39326
- Borovinskaya, I.P. *see* Shkuro, V.M. 1-12704
- Borovinskaya, I.P. *see* Shul'ga, Yu.M. 1-16722
- Borovkov, V.M., Gudzev, V.A. Evaluation of a piston system's nonalignment effect on the measuring pressure intensifier's metrological parameters 1-44949
- Borovkov, V.V. *see* Alekhin, B.V. 1-33677
- Borovkov, V.V. *see* Barikhan, B.A. 1-1592
- Borovlev, C.P. *see* Danilyan, G.V. 1-50678
- Borovo, A.A., Klimov, Yu.V., Kopecin, V.I. β spectrum of ^{232}Cf fission fragments in the 1-20 MeV range 1-18603
- Borovoi, V.Y. *see* Ardasheva, M.M. 1-24777
- Borovskii, I.B., Komarov, E.Ya. Investigation of fine structure of soft-X-ray appearance-potential spectra and energy loss spectra of some elements 1-53016
- Borovskii, O.B. *see* Ostrovskii, O.I. 1-20694
- Borowiec, A. The Dirac equation on a Kaluza-Klein bundle 1-10117
- Borra, E.F. *see* Jonas, G. 1-49675
- Borradaile, G.J. *see* Poulsen, K.H. 1-54080
- Borreani, G., Guy, J.G., Marchetto, F., Maurizio, D., Menichetti, E., Rinaudo, G., Suk, M., Tuckmantel, J., Werbruck, A.E. Reaction $\pi^+p \rightarrow \pi^+p\pi^+\pi^+$ at 4 GeV/c: No evidence for a narrow ω 1-50461
- Borreani, G., Marchetto, F., Menichetti, E., Morrone, E., Rinaudo, G. Study of the Goldhaber effect in pn annihilations between 1.0 and 1.6 GeV/c 1-45337
- Borreani, G. *see* Barloutaud, R. 1-36885
- Borrego, J.M. *see* Ghandhi, S.K. 1-48835
- Borrego, J.M. *see* Weiner, A.S. 1-26833
- Borrell, P. *see* Borrell, P.M. 1-24231
- Borrell, P.M., Borrell, P., Grant, K.R. Vibrational relaxation of excited oxygen, $O_2(\Delta_g)$, studied with a discharge-flow-shock-tube technique 1-24231
- Borrelli, N.F., Young, P.L. Read-write-erasable thin film optical recording medium 1-46474
- Borrello, S.R., Chapman, R.A., Simmons, A., Beck, J.D., Kinch, M.A., Roberts, C.G. HgCdTe charge-coupled detectors (CCD) 1-5385
- Borrello, S.R. *see* Roberts, C.G. 1-5381
- Borri, C., Spinelli, P. On design problems of grid shells 1-11304
- Borromei, R. *see* Day, P. 1-30687
- Borrosso, P., Cannelli, G.B., Santoboni, S. Experimental behaviour of noise indices as a function of averaging time 1-24619
- Bors, C.I. On the thermodynamics of nonlocal continua 1-9834
- Borsa, F. Nuclear spin-lattice relaxation due to non-linear excitations in magnetic chains 1-34955
- Borsa, F., Hochli, U.T., van der Klink, J.J., Rytz, D. Condensation of random-site electric dipoles: Li in KTAO_3 1-21067
- Borsa, J. *see* Raaphorst, G.P. 1-39974
- Borschevskii, A.Ya. *see* Sidorov, L.N. 1-39666
- Borschevsky, A. *see* Stevenson, D.A. 1-39250
- Borschke, A.J. *see* Baudais, F.L. 1-17108
- Borschenberg, J., Jamar, C. Simulation of variable ultraviolet line blanketing in Ap Si stars 1-27510
- Borsenberger, J., Michaud, G., Praderie, F. Radiative forces and the abundance of calcium and strontium in Ap-B stars 1-54501
- Borsenberger, P.M., Hoestere, D.C. Hole photogeneration in aggregate photoreceptors 1-2980
- Borshech, A., Brodin, M., Volkov, V., Kukhtarev, N. Phase conjugation by the degenerate six-photon mixing in semiconductors 1-15227
- Borshech, A.A., Brodin, M.S., Volkov, V.I., Krupa, N.N., Romanenko, I.L., Stetsenko, T.P., Sobol, V.P., Chernyi, V.V. Dynamic holograms in semiconducting $(\text{ZnSe})_x(\text{GaP})_{1-x}$ crystals 1-33640
- Borshech, A.A., Brodin, M.S., Volkov, V.I., Voitsek-hovskia, V., Krupa, N.N., Stetsenko, T.P., Chernyi, V.V. Laser beam self-action and nature of nonlinearity of $(\text{ZnSe})_x(\text{GaP})_{1-x}$ semiconductor crystals 1-8036
- Borshech, Yu.A. Solution of the plane problem of elasticity theory in stresses for a truncated wedge 1-18021
- Borshechkaya, D.G., Kutsova, V.Z. Sporadic deviations from regular growth of eutectic compositions 1-31447
- Borshechkaya, A., Feigelson, R.S. Phase equilibrium in the CdSe-TlSe system 1-21432
- Borschchuk, E.M., Panasyuk, V.V. Problems of the theory of cracks for semiinfinite areas bound by a curvilinear contour 1-51720
- Borso, C.S., Danyluk, S.S. Application of a directly exposed self-scanning photodiode array as a linear position sensitive detector in a small-angle X-ray scattering instrument 1-40917
- Borstel, G. *see* Wohlecke, M. 1-39217
- Borstnik, B., Janecic, D., Azman, A. Monte Carlo calculation of surface properties of water 1-34545
- Borstnik, N. Mankoc *see* Mankoc Borstnik, N.
- Borsuk, J.A., Swanson, R.M. Current transient spectroscopy: a high-sensitivity DLTS system 1-25796
- Bortle, J. AG Draconis 1-27527
- Bortle, J., Green, D.W.E., Morris, C.S. Periodic Comet Tuttle (1980h) 1-13373
- Bortle, J., Keitch, G., Machholz, D., Morris, C.S. Observation of comets 1-13731
- Bortle, J., Morris, C.S. Periodic Comet Borrelly (1980i) 1-44499
- Bortle, J., Morris, C.S. Periodic Comet Schwassmann-Wachmann 2 (1979k) 1-44501
- Bortle, J., Verdenet, M., Morris, C.S., Maley, P. Comet Bradfield (1980t) 1-44504
- Bortle, J. *see* Antal, M. 1-54424
- Bortle, J. *see* Assis Neto, V.F. 1-32660
- Bortle, J. *see* Keitch, G.S. 1-17793, 1-17794
- Bortle, J. *see* Marsden, B.G. 1-36220
- Bortle, J. *see* Mattei, J. 1-44569
- Bortle, J. *see* Merlin, J.-C. 1-44500
- Bortle, J. *see* Ney, E. 1-32662
- Bortle, J. *see* O'Meara, S. 1-36223
- Bortle, J.E. TT Arietis 1-27525
- Bortle, J.E., Morris, C.S. Periodic Comet Tuttle (1980h) 1-27421
- Bortle, J.E., Waagen, E., Krautter, J. TT Arietis 1-13788
- Bortnik, I.M. *see* Arson, A.G. 1-11625
- Bortnik, I.M. *see* Borin, V.N. 1-11503
- Bortoletto, F. *see* Barbieri, C. 1-22687
- Bortolus, P. *see* Monti, S. 1-29016
- Bortz, J. Proof of the necessity and sufficiency of conditions for thin phase imagery 1-10933
- Boruchowitsch, G. *see* Radulovic, R. 1-4391
- Borukaev, Ch.B. Comparative tectonics of the shields of Laurentia and Gondwana 1-22297
- Borukhovich, A.S., Iutin, N.N., Aminov, T.G., Kalinnikov, V.T. Magnetic properties of single crystals of CdCr_2S_4 and CdCr_2Se_4 in the phase transition region 1-38933
- Boruta, J.J. *see* Vizbaraitė, J.J. 1-19058
- Borutta, H., Meder, M. Economical methods to determine the true RMS value and other parameters of AC voltages 1-28022
- Borzakov, S.B. *see* Alfimenkov, V.P. 1-36951
- Borzenko, T.B. *see* Kulesko, G.I. 1-2952
- Borzenko, V.L. *see* Anisimov, V.N. 1-33711
- Borzenko, V.P., Koroteev, V.I., Mikhalev, A.V. Oscillatory current generation in a Hall accelerator 1-34127
- Borzeszkowski, H.-H., Frolov, V.P. Massive shell models in the gravitational theories with higher derivatives 1-152
- Borzeszkowski, H.-H. *von see* von Borzeszkowski, H.-H.
- Borzetskovskaya, K.M. *see* Lokshin, E.L. 1-26406
- Borzhanaskaya, V.B., Menchev, Yu.P., Belevich, I.S., Ilyushina, Z.I. Multiposition optical dilatometer 1-15383
- Borziak, P.G., Kulyupin, Yu.A., Nepijko, S.A., Shamonya, V.G. Electrical conductivity and electron emission from discontinuous metal films of homogeneous structure 1-52668
- Borzileri, C. *see* Chen, H. 1-21746
- Borzyak, A.N. *see* Aleksandrov, V.V. 1-50125
- Borzykh, A.A., Zhmyleva, V.M., Solomin, N.V., Shatalin, A.S. Using ultrasonics in the molding of thermoplastic suspensions 1-12698
- Bos, A.S. *see* Lefer, J.B. 1-15464
- Bos, K. *see* Stanovnik, A. 1-23950
- Bos, M. The computerized determination of double-layer capacitance with the use of Kalousek-type waveforms and its application in titrimetry 1-48693
- Bos, M., Teillot, J.-P., Charton, S., Paumier, J.-P. Examples of the use of the HYDROG-LIGNEAU mathematical model on urban and semi-rural catchments 1-49305
- Bosacek, V. *see* Jirak, Z. 1-7145
- Bosamykin, V.S. *see* Pavlovskii, A.I. 1-18931
- Bosan, Dj.A. Transport of long-living metastables of N_2 and Ar by the own gas stream 1-15581
- Bosanc, M., Vuletin, J. Spectrophotometer measurements of optical properties of solar absorbers and windows 1-4213
- Bosanac, S. Two-dimensional model of rotationally inelastic collisions 1-19172
- Bosanac, S., Micha, D.A. Long-lived states in atom-surface collisions: reciprocal lattice vector poles 1-31257
- Bosanquet, A.G., Bickerstaffe, R., Viney, I.T., Fraser, R. Lipoprotein size distributions from the analytical ultracentrifugation of serum and lipoprotein samples 1-13369
- Bosca, G. *see* Bournot, Ph. 1-39189
- Boscaino, R., Cusumano, C., Gelardi, F.M. The experimental investigation of the spin packet line shape in an inhomogeneous magnetic resonance line 1-7960
- Bosch, J.J. *ten see* ten Bosch, J.J.
- Bosch, M. *see* Rossielli, M. 1-34633
- Bosch, M.A., Epworth, R.W., Emin, D. Photoluminescence dynamics in chalcogenide glasses and crystals 1-3462
- Bosch, M.A. *see* Lines, M.E. 1-34916
- Bosch, P.P.J. *van den see* van den Bosch, P.P.J.
- Bosch, R.L.P. *van den see* van den Bosch, R.L.P.
- Bosch, R.L.P. *Van den see* Van Den Bosch, R.L.P.
- Bosch, V.V. *see* Cracco, J.B. 1-26915
- Boscher, J., Englisch, W., Wiesemann, W. Differential absorption spectroscopy with the Dialux (Differential Absorption Laser Experiment) remote analysis system 1-21969
- Boschetti, A. *see* Bassi, D. 1-51266
- Boschi, E. *see* Bonafede, M. 1-4456, 1-49426
- Boschitz, E. *see* Albanese, J.P. 1-23682
- Boschitz, E. *see* Bolger, J. 1-41008
- Boschitz, E. *see* Widner, C.-A. 1-18593
- Boscolo, I., Leo, M., Leo, R.A., Soliani, G., Stagno, V. An analysis of the transverse optical klystron (TOK) and the free electron laser (FEL) through the exact solution of their evolution equation 1-51439
- Bose, D.N. *see* De Purkayastha, S. 1-42656

- Bose, M., Ghoshary, A., Basu, A., Rao, C.N.R. ⁵⁵Co NMR studies of the spin-state equilibria in rare-earth cobaltes 1-3270
- Bose, S.C. see Mortensen, R.E. 1-17555
- Bose, S.K. Gauge symmetry and its breakdown: The example of a BCS superconductor 1-30873
- Bose, S.K., Chernovitz, P.A., Emptage, M.R. The helix-coil transition: projection operator methods 1-39877
- Bose, S.K. see Ananth, V. 1-3985
- Bose, S.K. see Paul, S.N. 1-51054
- Bose, S.M., Kiehm, P., Longe, P. Excitation energy dependence of the photoemission spectra of metals 1-43246
- Bosetti, P. see Allen, P. 1-36856
- Bosetti, P. see Blitschau, J. 1-10190
- Bosetti, P. see Grassler, H. 1-50414
- Bosetti, P.C. see Allen, P. 1-14367, 1-36857
- Bosetti, P.C. see Deden, H. 1-28311
- Bosetti, P.C. see Fritze, P. 1-14431
- Boshinov, W. see Budurov, S. 1-8316, 1-8317
- Boshinov, W.S. see Budurov, S.J. 1-20478
- Bosia, G., Navarra, G., Saavedra, O., Boehm, E. Substructures in the temporal distribution of atmospheric Cerenkov light in EAS 1-4732
- Bosiger, H. see Diehl, P. 1-41404
- Bosin, M.E., Pakhomov, P.A., Lazarenko, V.P. Mechanism of influence of forest dislocation density on mobility of twin boundaries in Zn crystals. I. The effect of pyramidal forest dislocations 1-2470
- Bosinger, T. see Novikov, Yu.P. 1-4720
- Bosio, C. see Diddens, A.N. 1-14747, 1-23998
- Bosio, C. see Jonker, M. 1-10194, 1-14432, 1-45258
- Bosio, L., Dumas, J.-P. X-ray study on cyclohexane polymorphism at atmospheric pressure 1-52125
- Bosio, L., Teixeira, J., Stanley, H.E. Enhanced density fluctuations in supercooled H₂O, D₂O, and ethanol-water solutions: evidence from small-angle X-ray scattering 1-53014
- Bosio, L. see Badiali, J.P. 1-31231
- Bosio, L. see Bererhi, A. 1-30034
- Bosio, L. see Fournie, R. 1-41511
- Bosio, L. see Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Boskovic, I.S. see Popov, K.I. 1-43674
- Bosler, G.E., Phillips, J.R. Neutron sources in spent-fuel assemblies and their dependence on irradiation parameters 1-45606
- Bosler, G.E. see Eccleston, G.W., Jr. 1-41279
- Bosma, A., Casini, C., Heidmann, J., van der Hulst, J.M., van Woerden, H. The group of galaxies NGC 2805-2814-2820-Markarian 108 1-9683
- Bosma, A., Goss, W.M., Allen, R.J. The giant spiral galaxy M 101. VI. The large scale radial velocity field 1-36404
- Bosman, C. An analysis of three-dimensional flow in a centrifugal compressor impeller 1-24822
- Bosman, G., Zijlstra, R.J.J., Nava, F. The longitudinal diffusion coefficient and the mobility of hot electrons in silicon 1-30754
- Bosman, G., Zijlstra, R.J.J., Van Rheenen, A. Flicker noise of hot holes in silicon at 78K 1-20836
- Boss, A.P. Collapse, equilibrium, and fragmentation of rotating, adiabatic clouds 1-40472
- Boss, A.P. Collapse and equilibrium of rotating, adiabatic clouds 1-44535
- Boss, A.P. see Tohline, J.E. 1-44546
- Bossa, M. see Andreocci, M.V. 1-46019
- Bossard, A., Toupance, G. Far UV photolysis of CH₄-NH₃ mixtures and planetary studies 1-21748
- Bossard, P., Crow, J.E., Mihalasin, T., Buyers, W.J.L. Electrical resistivity in Pr₂Ti—An induced moment ferromagnet near threshold 1-25721
- Bossart, C. see Converse, J.G. (editor) 1-27682
- Bossavit, A. The eddy-currents problem 1-10887
- Bossche, G. Van den see Van den Bossche, G.
- Bosse, J., Quitmann, D., Wetzel, C. Temperature dependence of quadrupolar relaxation rate in liquids 1-25133
- Bosse, J. see Baus, M. 1-16240
- Bossemeyer, R. see Piszczalski, M. 1-37729
- Bossi, A. see Garbassi, F. 1-8630
- Bossi, M., Guerrero, G., Mantegazza, L., Scardia, M. Photoelectric activity of the shell star A And: new observations and discussion 1-17846
- Bossier, F., Duwein, D., Gouze, N. Estimation of sectoral demand models for the Belgian economy. Analysis of substitution possibility and forecast for the year 1985 1-35626
- Bost, R. Objectives of space medicine and biology 1-44032
- Bostanjoglo, O., Rosin, R. Stroboscopic electron microscopy for the study of resonance oscillations in magnetic structures 1-30994
- Bostanov, V. see Budovski, E. 1-38695
- Bostanov, V. see Staikov, K. 1-42332
- Bosted, P.E., Blomqvist, K.I., Bernstein, A.M., Dyman, S.A., Miskimen, R.A. Differential cross sections for ¹⁵O(γ,π^+)¹⁶N and ¹⁰B(γ,π^+)¹⁰Be in the $\Delta(1236)$ region 1-14515
- Bostick, W.H., Nardi, V., Feugeas, J., Grunberger, L., Prior, W., Cortese, C., Mezzetti, F., Pedrielli, A. Megagauss fields and current pattern in focused discharges 1-34060
- Bostick, W.H. see Nardi, V. 1-15066
- Boston, J.R. see Ainslie, P.J. 1-17403
- Bostrem, I.G. see Kadomtseva, A.M. 1-52768
- Bostrom, R. see Holmgren, G. 1-17727
- Bostrom, R. see Kelley, M.C. 1-17728
- Bostrom, R. see Kintner, P.M. 1-17730
- Bostrom, R. see Shepherd, G.G. 1-9313
- Bostrom, R.C. Tectonic sequence in the western states: abbreviation of east limb, EPR 1-9144
- Bostrom, C.O. see Hamilton, D.C. 1-17783
- Boswarva, I.M., Murthy, C.S.N. Improved van der Waals potentials for alkali halide crystals 1-38325
- Boswarva, I.M. see Datta, S. 1-3498
- Boswell, D. see Soffer, B.H. 1-24478, 1-51602
- Boswell, F.W., Prodan, A., Corbett, J.M. Investigation of order in Ag₃NbS₂ by electron diffraction 1-30008
- Boswell, F.W. see Prodan, A. 1-31365
- Botcharov, U.N., Krutichin, A.I., Krivosheev, S.I., Chetel, A.N., Shneron, G.A. Megagauss magnetic field production in small volumes 1-33021
- Botez, D. Single-mode AlGaAs laser diodes 1-41733
- Botez, D. InGaAsP/InP double-heterostructure lasers: simple expressions for wave confinement, beamwidth, and threshold current over wide ranges in wavelength (1.1-1.65 μ m) 1-46342
- Botez, D., Connolly, J.C. Low-threshold high-T₀ constricted double heterojunction AlGaAs diode lasers 1-24419
- Botez, D., Connolly, J.C. Low-threshold high-T₀ constricted double heterojunction AlGaAs lasers 1-41748
- Botezatu, R. On the content and significance of some mathematical models of gravity and magnetic anomalies 1-44338
- Both, R. see Muhlau, G. 1-22160
- Bothner, M.H., Spiker, E.C. Upper Wisconsinan tilt recovered on the continental shelf southeast of New England 1-54076
- Bothun, G.D., Sullivan, W.T., III. Are 'anemic' spirals deficient in neutral hydrogen? 1-49800
- Botila, T. see Ciurea, M.L. 1-20885
- Botineau, J. see Azema, A. 1-19387
- Botje, M.A.J. see Rutten, A.J. 1-45801
- Botnaryuk, V.M. see Ashkinazi, G.A. 1-34786
- Botner, O., Dagan, S., Fabjan, C.W., Jeffreys, P., Kessler, G., Molzon, W., Oren, Y., Rossette, L., Smith, S., van der Lans, J., Wang, Ch.J., Willis, W.J., Witzeling, W., Woody, C. A hadron calorimeter with wavelength shifter read-out 1-37065
- Botner, O. see Cockerill, D. 1-14742
- Botoshanskii, M.M., Krasnova, N.F., Simonov, Yu.A., Samus', N.M., Antipin, M.I., Malinovsky, I.T. Crystal and molecular structure of monodimethylglyoximatebis(o-phenanthroline)cobalt(III) thiocyanate dihydrate 1-25249
- Botoshanskii, M.M. see Simonov, Yu.A. 1-20177
- Botstein, C. see Mendeki, J. 1-43938
- Botstein, C. see Sterzer, F. 1-43937
- Botstein, O., Rabinkin, A., Talianker, M. The $\alpha \rightarrow \omega$ polymorphic phase transformation in pure Zr at atmospheric pressure 1-53175
- Bott, T.F. TRAC-PD2 calculations of CREARE countercurrent flow tests 1-50811
- Bottani, C.E., Caglioti, G., Ossi, P.M. Gruneisen parameter: measurement of the strain derivatives 1-47202
- Bottari, A., Federico, B., Lo Giudice, E. Methodological considerations regarding the determination of some macroseismic field parameters. Application to earthquakes in the Calabro-Peloritano Arc 1-4437
- Bottrache, C., Feuille, C. Coherent pumping of microwave transitions between highly excited states 1-33453
- Bottrache, C. see Feuille, C. 1-29006
- Bottrache, H. see Gottgens, R. 1-50472
- Bottrache, M. see Hesse, G. 1-40844
- Bottrache, P. New information on Cs₂Se 1-34316
- Bottrache, R. see Kirmse, R. 1-16502
- Botte, M.G., Scharf, B. Loudness—simultaneous effects of fatigue and masking 1-13251
- Bottema, M. Echelle efficiencies: theory and experiment; comment 1-46540
- Bottemiller, R.L. see Code, A.D. 1-40468
- Botten, I.C., Craig, M.S., McPhedran, R.C., Adams, J.L., Andrewartha, J.R. The dielectric lamellar diffraction grating 1-51606
- Botten, L.C. see Blik, P.J. 1-8694
- Botten, S.F. The testing of electrical and mechanical plant and machines; and the measurement of associated and electrical and mechanical parameters. Capability of currently-used non destructive examination techniques to detect weld defects 1-39548
- Botenberg, W. see Raj, K. 1-36670
- Botenfield, B.F. see White, J.R. 1-18860
- Botter, R. see Dimicoli, I. 1-19164
- Botter-Jensen, L., Mejdahl, V. Determination of archaeological dates for TL dating using an automated TL apparatus 1-10607
- Botterill, D.R. see Altkoer, O.C. 1-45773
- Bottinger, A. see Fanzelau, G. 1-40205
- Bottinger, E.-M. see Anders, A. 1-35808, 1-35875
- Bottinger, G.L. see Iselt, L.C. 1-25719
- Bottinger, H., Bryksin, V.V. Investigation of non-Ohmic hopping conduction by methods of percolation theory 1-7615
- Bottinger, H., Kleintner, P. Calculation of vibrational state density and long-wavelength spectral density of compositionally disordered chains 1-43122
- Bottinger, M.L., Birnstein, D., Heilbig, W., Niese, S. Removal of disturbances in carbon determination by activation analysis for lowering the detection limit 1-31938
- Bottinger, M.L., Birnstein, D., Helbig, W. Determination of carbon impurities in epitaxial layers from semiconductor silicon by means of charged particles 1-31939
- Bottinger, R. see Moroz, Z. 1-45765
- Bottinger, R. see Tungate, G. 1-33256
- Bottegas, N., Faessler, A., Faber, M.E. Collective transitions in nuclei with 'rotations' around the symmetry axis 1-41024
- Botti, G. see Orifiammi, L. 1-50717
- Bottingi, J., Davies, J.A., l'Ecuier, J., Matsunami, N., Ollerhead, R. Erosion of frozen-gas films by MeV ions 1-12618
- Bottinger, J. see Besenbacher, F. 1-25305
- Bottinger, J.R., Fry, E.S., Thompson, R.C. Phase matrix measurements for electromagnetic scattering by sphere aggregates 1-6485
- Bottingli, U. see Amendolia, S.R. 1-18961
- Bottonelli, L., Gougenheim, L., Paturel, G., De Vaucouleurs, G. The 21 centimeter line width as an extragalactic distance indicator 1-49528
- Bottinga, Y. see Richet, P. 1-40119
- Bottoir, G., Cionini, P.G., Docchio, F., Sacchi, C.A. Evaluation of the chromatin functional state by means of fluorescence decay time analysis 1-35750
- Bottoir, G. see Andreoni, A. 1-35828
- Bottkli, N., Dancy, J.H. Surface roughness studies of native oxides of GaAs 1-30532
- Botto, L.L., Baran, E.J. The vibration spectra of compositions of types M'Tb₂(PO₄)₃ 1-48088
- Bottomley, S.C. Applying angular measurement to engineering 1-27922
- Bottom, N. de see de Bottom, N.
- Bottoni, A. see Bernardi, F. 1-28863
- Bottoni, G.P., Giorelli, M. Coarse-mesh methods application in three-dimensional core analysis 1-33284
- Bottoni, G.P., Pollachini, L. Efficient integration of 3-D kinetics equations for real-time simulators 1-45587
- Bottoni, M. see Woods, W.J. 1-821
- Bottrell, G., Sullivan, L.J. Development of a 4 kW wind turbine generator 1-53539
- Botts, T.E. see Horn, F.L. 1-41238
- Botvin, V.A. see Gorelinskii, Yu.V. 1-11743
- Botvinova, V.V., Kucherov, V.A. Multicolour polarimetry of Galilean satellites of Jupiter 1-49565
- Bouabdallah, A., Cognet, G. Laminar-turbulent transition in Taylor-Couette flow 1-42024
- Bouanich, J.-P. see Brodbeck, C. 1-28966, 1-37189
- Bouard, R., Coutanceau, M. The early stage of development of the wake behind an impulsively started cylinder for 40 < Re < 10⁴ 1-33963
- Bouard, X. de see de Bouard, X.
- Bouazzi, A.S. Optimization of graded doping CdTe solar cells 1-17217
- Bouberguig, A., Jirousek, J. A family of special-purpose elements for analysis of ribbed and reinforced shells 1-37786
- Boublik, T. Equation of state of hard convex body fluids 1-42505
- Bouekine, A. CNDO calculation of the diamagnetic susceptibilities of cyclic conjugated molecules 1-1108
- Bouchard, C., Carette, J.D. The secondary electron emission coefficient of disordered surfaces 1-16632
- Bouchard, C., Carette, J.D. The surface potential barrier in secondary emission from semiconductors 1-16633
- Bouchardy, A.-M. A prediction model for atmospheric pollution caused by a pollutant source 1-8779
- Bouchareine, P. Optics, from fundamental knowledge to applications 1-24353
- Bouchareine, P., Rougie, B. Interferential wavelengths comparison with real-time signal processing 1-14174
- Boucher, B. Neutron and X-ray small angle scattering (SAS) study of the amorphous alloy Tb₂₅Cu₇₅ 1-25165
- Boucher, B. see Asomoza, R. 1-30722
- Boucher, B. see Fert, A. 1-25855
- Boucher, D., Burie, J., Bauer, A., Dubulle, A., Demaison, J. Microwave spectra of molecules of astrophysical interest. XIX. Methyl cyanide 1-13836

- Boucher, D., Dubrulle, A., Demaison, J. Microwave spectrum of ethyl iodide. Nuclear quadrupole interaction and centrifugal distortion analysis 1-51189
- Boucher, J., Lescuré, M. Non-destructive photofrequency method for characterization and degradation studies of solar cells 1-13142
- Boucher, J.P. see Holczer, K. 1-42995
- Boucher, R.H. Convergence of algorithms for phase retrieval from two intensity distributions 1-51391
- Boucherle, J.X., Delapalme, A., Howard, C.J., Rossat-Mignod, J., Vogt, O. Polarized neutron determination of the ground state of Ce^{3+} in CeSb 1-47859
- Boucherle, J.X., Givord, D., Laforest, J., Morin, P. 4f and band contribution to the samarium form factor in samarium intermetallics 1-25678
- Bouchet, B. see Rivory, J. 1-31212
- Bouchet, F.R., Cladis, P.E. Density measurements of alloys exhibiting the re-entrant nematic phase 1-30291
- Bouchet, P. see Audouze, J. 1-36297
- Bouchiat, C. see Antoniadis, I. 1-18421
- Bouchiat, H., Dartyge, E., Monod, P., Lambert, M. Diffuse X-ray determination of local atomic order in a spin-glass alloy system 1-42302
- Bouchon, M., Aki, K. Simulation of long-period, near-field motion for the great California earthquake of 1857 1-53987
- Bouchon, M. see Bard, P.-Y. 1-32359
- Bouchon, M. see Yves Bard, P. 1-54002
- Bouchy, A. see Masson, M.A. 1-10759
- Boucrot, J., Buzzata, A., Caillet, J., Callot, O., Delcrois, P., Dube, R., Hrisoho, A., Lefrançois, J. A trigger system using cathode read-out chambers and a coincidence matrix 1-14784
- Boucrot, J., Callot, O., Dube, R., Hrisoho, A., Lefrançois, J., Buzzata, A., Delcrois, P., Caillet, J. A trigger system using cathode read-out chambers and fast computing of kinematical quantities 1-1039
- Boucrot, J. see Badier, J. 1-10218, 1-10582, 1-14430
- Boud, D.J., Dunn, J., Kennedy, T., Thorley, R. The aims of science laboratory courses: a survey of students, graduates and practising scientists 1-36478
- Boudard, A., Terrien, Y., Beurtey, R., Bimbot, L., Brude, G., Chaumeaux, A., Couvert, P., Fontaine, J.M., Garçon, M., Le Bornec, Y., Legrand, D., Schecter, L., Tabet, J.P., Dillig, M. Investigation of the (d,p) stripping reaction around 700 MeV 1-41117
- Boudart, M. see Ladas, S. 1-39681
- Boudet, R. see Gay, D. 1-11332
- Boudier, P. see Leterrier, F. 1-39956
- Boudjada, A. Crystal structure of monophosphate hydrogen copper monohydrate $\text{CuHPO}_4 \cdot \text{H}_2\text{O}$ 1-2407
- Boudon, Y. see Gay, J. 1-4791
- Boudou, A., Sapriel, J. Raman study in the paraelastic and ferroelastic phases of $\text{Ba}_2\text{K}_2\text{Na}_2\text{Nb}_2\text{O}_{15}$ mixed crystals 1-21185
- Boudou, A., Sapriel, J., Joukoff, B., Mellet, R., Le Roux, G., Morin, D. Raman scattering investigations in tetragonal tungsten-bronze compounds. II. $\text{Ba}_2\text{K}_2\text{Na}_2\text{Nb}_2\text{O}_{15}$ mixed crystals 1-3405
- Boudou, A. see Sapriel, J. 1-21182
- Boudreaux, D.S., Frost, H.J. Short-range order in theoretical models of binary metallic glass alloys 1-47010
- Boudreaux, E., Jr. see Crater, D.H. 1-39304
- Boudreaux, E.A., Carsey, T.P. Quasirelativistic MO calculations on platinum complexes (anticancer drugs) and their interaction with DNA 1-1117
- Boudreaux, E.A. see Carsey, T.P. 1-28879
- Boudrie, R.L. see Kallne, J. 1-18686
- Boudrie, R.L. see Morris, C.L. 1-50498
- Boudrys, M. Study of piezoceramic material properties on the basis of PZT solid solutions after annealing 1-21128
- Boudrys, M., Nejezchleb, K. Temperature dependence of resonant frequency in piezoelectric ceramics 1-39039
- Boudrys, M. see Nejezchleb, K. 1-31097
- Bouffard, S. see Mihaly, G. 1-25714
- Bouffard, S. see Zuppiroli, L. 1-38767
- Bouffard, V., Roinel, Y., Roubreau, P., Agram, A. Dynamic nuclear polarization in ^2LiD 1-26078
- Bougeret, J.L., Steinberg, J.L. Type I radio emission and the structure of the solar corona results of the STEREO-I experiment 1-4896
- Boughn, S.P., Cheng, E.S., Wilkinson, D.T. Dipole and quadrupole anisotropy of the 2.7K radiation 1-54664
- Boughner, R.E. A simplified method for the calculation of diurnally averaged photodissociation rates 1-22523
- Boughner, R.E. see Levine, J.S. 1-49389
- Boughton, C.V. see Smith, T.F. 1-25955
- Bougnot, G. see Etienne, D. 1-8237
- Bougnot, G. see Gautier, P. 1-35193
- Bouige, R. Models of the Universe compatible with present observations 1-9745
- Bouilleau, M. see Jouanna, P. 1-24753
- Bouissieres, G., Jouniaux, B., Legoux, Y., Merinis, J. Evidence for a new oxidation state of einsteinium:einsteinium(IV) 1-4131
- Bouix, M. Propulsion of a body with variably shaped surface in a viscous fluid 1-51733
- Boukadoum, A.M. see Ktonas, P.Y. 1-35738
- Boulanger, F., Stark, A.A., Combes, F. A complete CO map of a spiral arm region in M31 1-36402
- Boulanger, F.D. see Goldberg, H.S. 1-40609
- Boulanger, J.-S. see Mungall, A.G. 1-36608
- Boulesteix, J. see Grassie, T.G. 1-53919
- Boulet, C., Rosenberg, A. Pressure induced shifts in HCl/HF and HF/HCl systems 1-51246
- Boulet, C. see Arcas, Ph. 1-37263
- Boulet, C. see Piollet-Mariel, E. 1-45926
- Boulet, R.M., Dunsforth, A.E., Jan, J.-P., Skriver, H.L. de Haas-van Alphen effect and LMTO bandstructure of NiSi 1-7512
- Bouley, J.C. see Haond, M. 1-29302
- Bouligand, Y. Defects and textures in liquid crystals 1-2329
- Bouligand, Y. Defects and textures of hexagonal discotics 1-20052
- Bouligand, Y. Geometry of (non smectic) hexagonal mesophases 1-25156
- Boulloud, A., Charrier, J. Current density on the plane electrode of a positive point-to-plane glow corona discharge 1-15706
- Boulloud, A., Charrier, J. Partition of the positive glow corona at a point into two patches emitting alternately 1-42233
- Boulon, G., Jorgensen, C.K., Reinfeld, R. The two luminescent levels of Bi^{3+} in solids 1-8107
- Boulon, G., Moine, B., Bourcet, J.-C. Spectroscopic properties of $^3\text{P}_1$ and $^3\text{P}_0$ excited states of Bi^{3+} ions in germanate glass 1-3483
- Boulon, G. see Moine, B. 1-52982
- Boulos, E.N., DePaula, R.P., El-Bayoumi, O.H., Lagakos, N., Macedo, P.B., Moynihan, C.T., Rekhson, S.M. Crystallization of nuclear waste disposal glass 1-25171
- Boulou, M. see Hollan, L. 1-47408
- Boulware, D.G. Gauge dependence of the effective action 1-45134
- Bouma, H. see Roufs, J.A.J. 1-8874
- Bouma, W.J., Burke, P.D., Jennings, K.R. The observation of rhenium oxide ions (ReO_3^+ , ReO_4^+ , ReO_5^+) and rhenium carbide ions (ReC_2^+ , ReC_3^+) in negative chemical ionisation mass spectrometry 1-1409
- Bouma, W.J., Radom, L., Rodwell, W.R. Structures and thermodynamic stabilities of the $\text{C}_2\text{H}_2\text{O}$ isomers: acetaldehyde, vinyl alcohol and ethylene oxide 1-24034
- Boumans, P.W.J.M. see Beenakker, C.I.M. 1-33060
- Bounds, D.G., Hinchcliffe, A., Spicer, C.J. The interaction polarizability of two nitrogen molecules 1-41313
- Bounds, D.G. see Hinchcliffe, A. 1-46052
- Bounds, P.J., Siebrand, W. Charge-transfer excitons in anthracene crystals and their role in optical charge carrier generation 1-12035
- Bouquet, A. Glueball effect on dual topological unitarisation 1-50376
- Bouquet, B. see Aston, D. 1-14399, 1-45297, 1-50442
- Bouquet, B. see Ferrer, A. 1-50463
- Bouquet, F.L. Aging characteristics of glass mirrors for solar thermal power applications 1-1668
- Bouquet, F.L. UV transmission through glass of commercial mirrors 1-31990
- Bouquet, G. see Bokszy, Z. 1-21609
- Bouquet, M. see Sombret, B. 1-21192
- Bour, D. see Kleinclauss, J. 1-52785
- Bourceanu, G., Ababi, V. Mechanism of chemical reactions in plasma. I. The dissociative capture 1-51907
- Bourcet, J.C. see Moine, B. 1-52982
- Bourcet, J.-C. see Boulon, G. 1-3483
- Bourdeau, L., Jaffrin, A. Phase change collector wall versus water collector wall 1-17270
- Bourdeau, L., Jaffrin, A. Latent heat diode wall 1-17278
- Bourdell, D., Abiart, G., Pescia, J., Clement, S., Renard, J.P. Electron-spin-lattice relaxation in a one-dimensional system 1-42996
- Bourdillon, A. see Nicolle, M. 1-44356
- Bourdin, J.P. see Cailler, M. 1-34387
- Bourdon, B. see Pons, M. 1-12005
- Bourdon, L., Kleman, M., Lejeck, L., Taupin, D. On static helical instabilities of screw dislocations in a SmA phase and on their consequence on plasticity 1-52053
- Bourell, D.L., Sherby, O.D. Ductility improvement of a low-carbon steel by warm rolling and annealing 1-53238
- Bourgat, J.F., Dumay, J.M., Glowinski, R. Large displacement calculations of flexible pipe-lines by finite element and non-linear programming methods 1-24691
- Bourgeat, D. see Pons, M. 1-12005
- Bourgeois, C., Zerrouki, A., Desthuilliers-Porquet, M.G., Beck, F.A., Byrski, T. High-spin states in ^{189}Hg 1-45413
- Bourgeois, C. see Ben Brakham, A. 1-660
- Bourgeois, J.P. see Le Bourgeois, J.P.
- Bourges, J.Y. see Haire, R.G. 1-25235
- Bourgon, D. Rheology of a textured lamellar system: water-natural lecithin 1-8892
- Bourgojn, J. see Pons, D. 1-2426
- Bourguet, P., Dupart, J.M., Le Tiran, E., Auvray, P., Guivarch, A., Salvi, M., Pelous, G., Henoc, P. Study of buried silicon nitride layers synthesized by ion implantation 1-42405
- Bourke, M.A.M., Hooper, A., Moseley, P.T., Taylor, R.G. Sodium-rich beta-alumina 1-34333
- Bourke, P. see Yaakobi, B. 1-35116
- Bourke, P.J. see Hodgkinson, D.P. 1-35719
- Bourne, D.R., McColl, L.J. The Vickers microhardness and pendulum hardness of polycrystalline lanthanide dicarbides 1-25366
- Bourne, I.A., Brann, H.N. The remote sensing of wind in the atmosphere using acoustic radar 1-32561
- Bourne, J.R., Hamel, B., Giese, D., Woyce, G.M., Lawrence, P.L., Ward, J.W., Teschan, P.E. The EEG analysis system of the National Cooperative Dialysis Study 1-22147
- Bourne, J.R. see Jansen, B.H. 1-32288
- Bourne, P.E. see Clegg, G.A. 1-21981
- Bourne, S.M. see Munn, R.W. 1-7995
- Bourne, W.C., Tressler, R.E. Molten salt degradation of Si_3N_4 ceramics 1-3943
- Bournot, Ph., Carressa, J.P., Creput, C., Ingle-sakis, G., Dufresne, D., David, J., Bosca, G. Measurement of the pressure induced on a metal target by a pulsed CO_2 laser 1-39189
- Bournot, Ph. see Autric, M. 1-40197
- Bourotte, J. see Badier, J. 1-14430
- Bourque, C. see Dhatt, G. 1-42002
- Bourque, L.R. see Carpenter, G.J.C. 1-27942
- Bourquin, M., Brown, R.M., Chatelus, Y., Chollet, J.C., Degre, A., Froidevaux, D., Fyfe, A.R., Gaillard, J.-M., Gee, C.N.P., Gibson, W.M., Igo-Kemenes, P., Jeffreys, P.W., Merkel, B., Morand, R., Plothow, H., Repellin, J.-P., Saunderson, B.J., Sauvage, G., Schiby, B., Siebert, H.W., Smith, V.J., Streit, K.-P., Strub, R., Thresher, J.J., Tovey, S.N. Charged baryon and antibaryon production in the fragmentation region by 240 GeV protons 1-10276
- Bourrely, C., Soffer, J., Tai Tsun Wu. On a possible structure in the proton elastic form factor 1-562
- Boury, A., Scufflaire, R., Noels, A., Gabriel, M. Nonradial oscillations of solar models with an initial discontinuity in hydrogen abundance 1-27471
- Bouscas, L. see Vernin, G. 1-10672
- Bousquet, C. see Bras, N. 1-51163
- Bousquet, C. see Raymond, A. 1-52582
- Bousquet, C. see Robert, J.L. 1-47716
- Bousquet, P. see Borgogno, J.P. 1-37637
- Bousselet, P. see Gastaud, M. 1-46322
- Bout, P. Vanden see Vanden Bout, P.
- Bouteiller, Y., Allavena, M., Leclercq, J.M. Theoretical electronic plus vibrational investigation of some hydrogen-bonded complexes. I. Stretching cubic and quartic force constants of $\text{FH} \cdots \text{OH}_2$ 1-6158
- Boutenko, O. see Galibois, A. 1-21620, 1-26648
- Boutique, J.-P. see Thibaut, E. 1-48228
- Bouton, J.M. see Clad, R. 1-25939, 1-30934
- Boutrit, C., Georges, J.C., Ravelet, S. Computer technique for solving Schottky barrier from dark forward current-voltage characteristics 1-3059
- Boutron, C. Respective influence of global pollution and volcanic eruptions on the past variations of the trace metals content of Antarctic snows since 1880s 1-44220
- Bouville, A., Guetat, P., Jones, J.A., Kelly, G.N., Legrand, J., White, I.F. Differential radiological impact of plutonium recycle in the light-water reactor fuel cycle: effluent discharges during normal operation 1-50914
- Bouyssi, A. Production cross sections of Λ -hypernuclei in (K^+ , π^+) reactions 1-50541
- Bovalini, G., Monari, D., Cavallini, M., Grillo, G., Ricciardi, L. Applicability of SIMS and molecular beam techniques to the study of stress corrosion cracking of Zircaloy 1-762
- Bovad, P. see Philippot, J.C. 1-31962
- Bove, A.A. see Philips, C.M. 1-32245
- Bovee, W.M.M.J., Vriend, J., Peters, J.A., Baas, J.M.A., Van De Graaf, B. NMR relaxation of spin $1/2$ nuclei in rigid parts of a molecule by dipolar interaction with reorienting CX_3 groups and vice versa: extension of theory and an application to spectral assignment and determination of barriers to methyl rotation 1-24171
- Bovet, C. see Atherton, H.W. 1-14529
- Bovet, E. see Wang, K.-C. 1-1415
- Bovier, A. see Abresch, U. 1-5536
- Bovin, J.O., O'Keefe, M., O'Keefe, M.A. Electron microscopy of oxoanions. I. Defect structures in the minerals pinakolite, ludwigite, orthopinakolite and takeuchiite 1-38379

- Bovin, J.-O., O'Keefe, M. Electron microscopy of oxyborates. II. Intergrrowth and structural defects in synthetic crystals 1-34355
- Bovin, J.-O., O'Keefe, M., O'Keefe, M.A. Electron microscopy of oxyborates. III. On the structure of taucheite 1-34291
- Bovin, V.P., Gurkov, V.A., Nikolaenko, O.K., Polyakov, Yu.A., Ponomarev, E.G., Shagov, S.V., Chistyakov, B.G. Neutron-absorption concentration meters NAR-B 1-1731
- Boving, H., Hintermann, H.E. Ceramic coatings for hostile environments [tribology considerations] 1-16907
- Boving, R. *see* De Wilde, R.J. 1-18019
- Bovkun, G.A., Petrova, E.M., Sleptsov, V.M., Tkachenko, Yu.G. Wear resistance of sintered alloys of niobium and zirconium diboride 1-31679
- Bovkun, G.A. *see* Verkhoturov, A.D. 1-39465
- Bowcock, J.E. *see* Atkin, G.K. 1-41010
- Bowden, G.J., Cadogan, J.M., Day, R.K., Dunlop, G.B. Slow electronic relaxation in the paramagnetic phase of Ti_2Al_3 [magnetic and Mossbauer measurements] 1-43046
- Bowell, E., Marsden, B.G. Comet Bradford (1980c) 1-32664
- Bowell, E., Marsden, B.G. 1981 CW 1-54409
- Bowell, E., Morris, C.S., O'Meara, S. Comet Panther (1980u) 1-32663
- Bowell, E. *see* Furuta, T. 1-13735
- Bowell, E. *see* Harris, A.W. 1-22712
- Bowell, E. *see* Mills, R.L. 1-54408
- Bowen, C.T. *see* LeRoy, R.L. 1-17093
- Bowen, D.J. *see* Hayward, S.E. 1-33542
- Bowen, H.K. Basic research needs on high temperature ceramics for energy applications 1-8205
- Bowen, H.K. *see* Meyers, C.E. 1-39325
- Bowen, L.J., Gururaja, T.R. High-frequency electromechanical properties of piezoelectric ceramic/polymer composites in broadband applications 1-33865
- Bowen, L.J., Schulze, W.A., Biggers, J.V. Hot-isostatic pressing of PZT materials 1-3683
- Bowen, L.J. *see* ShROUT, T.R. 1-21408
- Bowen, M., Coster, J. Infinite square well: a common mistake 1-27730
- Bowen, M.A., Dow, J.D. Theory of 'forbidden' transitions in a degenerate electron gas 1-43086
- Bowen, P. *see* Balko, B. 1-50134
- Bowen, P.D. *see* Williams, P.C. 1-13365
- Bowen, R.D. *see* Dimock, C.W. 1-53714
- Bowen, R.E. *see* Benson, R.C. 1-19146
- Bowen, R.W., Markell, K.A., Schoon, C.M. Two-pulse discrimination and rapid light adaptation: complex effects on temporal resolution and a new visual temporal illusion 1-43874
- Bowen, T., Gempe, H. Impact of coupling efficiency on fiber optic system performance 1-11095
- Bowen, T., Schumacher, W. Reducing fiber optic connector problems 1-15272
- Bowen, T. *see* Barber, H.B. 1-36153
- Bowen, V.T., Noshkin, V.E., Livingston, H.D., Volchok, H.L. Fallout radionuclides in the Pacific Ocean: vertical and horizontal distributions, largely from GEOSecs stations 1-9180
- Bowen, W.W. *see* Svedberg, R.C. 1-12669
- Bower, J.N. *see* Omennetto, N. 1-10691
- Bowering, R., Hofstetter, A., Keiditsch, E., Frank, F. Irradiation of prostatic carcinoma by neodymium-YAG-laser 1-8908
- Bowering, R., Hofstetter, A., Keiditsch, E., Grunewald, K. Holographic laser interferometry for detection of tumors in the rabbit urinary bladder 1-8963
- Bowering, R. *see* Frank, F. 1-8960
- Bowerman, B.S., Vulf, C.A., Biehl, G.E., Flanagan, T.B. Calorimetry within hysteresis loops: application to $\text{LaNi}_5\text{-H}$ 1-2631
- Bowers, C.L. *see* Kinra, V.K. 1-35345
- Bowers, D.F. Electronic thermometer 1-18223
- Bowers, M.T. *see* McEwan, M.J. 1-12969
- Bowers, P., Schafer, L. Ab initio studies of structural features not easily amenable to experiment. V. Conformational analysis of keto- and enol-acetone 1-24026
- Bowers, P.F., Kerr, F.J., Hawarden, T.G. H I self-absorption in the Southern Coalsack dust complex 1-32735
- Bowers, P.F., Reid, M.J., Johnston, K.J., Spencer, J.H., Moran, J.M. The structure of OH masers around late-type stars 1-49836
- Bowers, R.G. An exactly soluble model antiferromagnet 1-30960
- Bowers, R.G. *see* Schofield, S.L. 1-20990
- Bowers, R.L., Wilson, J.R. Core collapse, bounce and shock propagation 1-40512
- Bowley, E.M. *see* Lynn, J.E. 1-14527
- Bowker, J.K. *see* Schmutz, L.E. 1-46583
- Bowker, M. The effect of lateral interactions on the desorption of oxygen from $\text{Ag}(110)$ 1-25567
- Bowker, P. *see* Pratt, D.J. 1-49140
- Bowlen, T.F. *see* Palmer, D.C. 1-50961
- Bowlen, T.F. *see* Weinstein, A.A. 1-18919
- Bowler, D.L., Wolf, M. Interactions of efficiency and material requirements for terrestrial silicon solar cells 1-39772
- Bowler, M. *see* Däum, C. 1-14424, 1-28357
- Bowles, A.J. *see* Oxley, D.P. 1-29069
- Bowles, J.S. *see* Crooks, A. 1-8307
- Bowles, L.F., Collis-Smith, J.A. Supply of the balance of primary plant for Ko-Ri Nuclear Power Station Unit 1 1-33287
- Bowles, T.J., Geesamann, D.F., Holt, R.J., Jackson, H.E., Julien, J., Laszewski, R.M., Specht, J.R., Stephenson, E.J., Redwine, R.P., Rutledge, L.L., Jr., Segel, R.E., Yates, M.A. Inclusive ($\pi^+\pi^-$) reactions in nuclei 1-41144
- Bowles, T.J. *see* Ledebur, A.G. 1-5742
- Bowling, A. *see* Lovegrove, W.J. 1-53793
- Bowling, J.E. *see* Mellander, B.E. 1-12726
- Bowlit, C. The use of radioisotopes in medical diagnosis 1-49103
- Bowman, C.D. *see* Behrens, J.W. 1-12947, 1-18975
- Bowman, C.D. *see* Schrack, R.A. 1-775
- Bowman, G.G. The nature of ionospheric spread-F irregularities in mid-latitude regions 1-40266
- Bowman, J.D. *see* Bolton, R.D. 1-1025
- Bowman, J.D. *see* Lockyer, N. 1-18503
- Bowman, J.M. *see* Grobe Sachs, J. 1-10808
- Bowman, K.J., Cole, B.L. A recommendation for illumination of the Farnsworth-Munsell 100-hue test 1-43935
- Bowman, M.G. *see* Mason, C.F.V. 1-48917
- Bowman, R.C., Jr., Craft, B.D., Attalla, A., Mendelsohn, M.H., Gruen, D.M. Role of aluminium substitution on hydrogen diffusion in $\beta\text{-LaNi}_{5-x}\text{Al}_x\text{H}$ [NMR study] 1-3282
- Bowman, R.C., Jr., Johnson, J.R. Nuclear magnetic resonance studies of hydrogen in $\text{TiCr}_{15}\text{H}_x$ 1-3283
- Bowman, R.C., Jr. *see* Pershing, M.W. 1-30377
- Bowman, R.J. *see* Stucky, G.L. 1-21188
- Bowman, R.L. *see* Halbach, R.E. 1-35854, 1-35877
- Bowman, R.L. *see* Williams, P.C. 1-13365
- Bowman, R.M., Jody, B.J., Lu, K.C., Blurton, K.F. Industrial energy conservation with the natural gas-fueled molten carbonate fuel cell 1-48829
- Bowman, S.G.E., Demetopoulos, I.C. Application of the pre-dose technique to burnt flint 1-10588
- Bowman, S.M., Williams, M.L., Dodds, H.L. Implementation of generalized perturbation theory into the 3-D nodal code SIMULATE 1-10426
- Bowman, W.C. *see* Helminger, P. 1-45944
- Bowman, W.D., Spiro, T.G. MNDO-MOCIC evaluation of the uracil force field: application to the interpretation of flavin vibrational spectra 1-28874
- Bowman, W.D., Spiro, T.G. Fluorescence-free resonance Raman spectra of reduced nicotinamide adenine dinucleotide via ultraviolet excitation 1-33469
- Bownik, M. *see* Namiesnik, J. 1-43672
- Bowing, B.R. Notes on space adjustment coefficients 1-17548
- Bowing, S.R. Formulae for geodetic computations in height controlled space 1-17549
- Bowtell, G., Stuart, A.E.G. Particle motions and the dynamics of Korteweg-de Vries solitons 1-79
- Bowyer, J.M. *see* Fujita, T. 1-48898
- Bowyer, S., Kimble, R., Paresce, F., Lampton, M., Penegor, G. Continuous-readout extreme-ultraviolet airglow spectrometer 1-44308
- Bowyer, S. *see* Kahn, S.M. 1-44614
- Bowyer, S. *see* Kimble, R. 1-36176
- Bowyer, S. *see* Paresce, F. 1-9738
- Box, H.C., Budzinski, E.E., Potienko, G. Alkoxy radicals: γ proton hyperfine couplings 1-4106
- Box, H.C. *see* LoBrutto, R. 1-34942
- Boxman, R.L., Gerby, E., Goldsmith, S. Behavior of a high current vacuum arc between hollow cylindrical electrodes in a radial magnetic field 1-34147
- Boxman, R.L. *see* Shalev, S. 1-42205
- Boxus, J., Uher, C., Heremans, J., Issi, J.-P. Size dependence of the transport properties of trigonal bismuth 1-42803
- Boxus, J. *see* Michenaud, J.P. 1-31006
- Boy-Marcotte, J.L. 100-1000 kW(ell) medium-power distributed-collector solar system 1-26849
- Boya, L.J., Mateos, J. The kink: real Hopf bundle and Morse theory 1-5469
- Boyajian, J.J. The potential for remote sensing of a tornado vortex 1-44327
- Boyaner, M.R. *see* Dietrich, J.J. 1-13103
- Boyanovsky, D., Deza, R., Masperi, L. Variational method for the $Z(2)$ gauge model 1-23441
- Boypati, K., Polmer, I.J. Effects of silver on tensile and fatigue properties of an aluminium-magnesium alloy 1-31655
- Boyard, J.L. *see* Bachelier, D. 1-23688
- Boyarina, I.L., Portnova, A.I., Degtyareva, E.V., Kolesov, Yu.I., Malashkina, T.G. Production technology for refractories using sinter-reactive chromium oxide bodies and their glass resistance 1-8256
- Boyarskaya, Yu.S., Grabko, D.Z., Pishkova, D.S., Purich, E.I. Scratch method for determining the start stresses of the start of plastic deformation 1-48609
- Boyarskaya, Yu.S., Kats, M.S., Zhitaru, R.P., Linte, W.E. Influence of impurity and indentation time on dislocation rosettes 1-52142
- Boyarski, A.M. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Boyarski, A.M. *see* Dorfan, J.M. 1-41020
- Boyarski, A.M. *see* Himel, T.M. 1-18482
- Boyarski, A.M. *see* Scharre, D.L. 1-18485, 1-45292
- Boyce, J. *see* Ravaine, D. 1-39001
- Boyce, J.B. *see* Hayes, T.M. 1-3536, 1-21010
- Boyce, J.M. *see* Moore, H.J. 1-4793
- Boyce, W.E. On a conjecture concerning the means of the eigenvalues of random Sturm-Liouville boundary value problems 1-17999
- Boyd, A.S.F., Laurensen, G.S., Rankin, D.W.H. The molecular structure of difluorooxophenyl selenide, determined using a combination of gas electron diffraction and liquid-crystal NMR data 1-46142
- Boyd, D.P. *see* Smith, V. 1-22125
- Boyd, E.H. *see* Boyd, E.S. 1-42666
- Boyd, E.S., Boyd, E.H., Brown, L.E. The M-wave and CNV in the squirrel monkey: generality of cue modality and of reward 1-4266
- Boyd, F.R., Finnerty, A.A. Conditions of origin of natural diamonds of peridotite affinity 1-44181
- Boyd, G.A.C. *see* Henshall, J.J. 1-39455
- Boyd, G.D. *see* Cheng, J. 1-25155
- Boyd, J.T. *see* Dutta, S. 1-11087
- Boyd, R.D. An experimental study of the steady natural convection in a horizontal annulus with irregular boundaries 1-1986
- Boyd, R.H. *see* Wool, R.P. 1-11802
- Boyd, R.J. *see* Sharma, K.K. 1-37108
- Boyd, R.K., Shushan, B. Derivation of scan laws for detection of consecutive ion fragmentations in conventional double-focusing mass spectrometers 1-50263
- Boyd, R.K. *see* Shushan, B. 1-51312
- Boyd, R.N. *see* Sugarbaker, E. 1-33210
- Boyd, R.W., Dodd, J.G. Analysis of the pressure, density, and velocity distributions in a spectroscopic heat-pipe oven and the resulting limitations on device performance 1-40870
- Boyd, R.W. *see* Harter, D.J. 1-15219
- Boyd, R.W. *see* Kramer, M.A. 1-39131
- Boyd, T.J.M. Laser-plasma interactions 1-29894
- Boyd, A., Cowham, M.J. An alternative method for obtaining converted back-scattered electron images and other uses for specimen biasing in biological SEM 1-17542
- Boyd, A. *see* Howell, P.G.T. 1-23380
- Boydston, L.E., Armstrong, T.J., Bookstein, F.L. A comparison of three dimensional maximum reach estimation techniques 1-17530
- Boye, E. Formation and repair of DNA double-strand breaks in superinfecting phage λ after ionizing irradiation of *Escherichia coli* host cells 1-22079
- Boyer, A., Deschacht, D., Groubert, E. The thermoelectric power and the temperature coefficient of resistance of thin polycrystalline antimony films 1-47770
- Boyer, A.L. *see* Bjarrard, B.E. 1-9027
- Boyer, C.P. Separation of variables in Einstein spaces. II. No ignorable coordinates 1-36540
- Boyer, C.P. Gravitational instants 1-44826
- Boyer, C.P., Finley, J.D., III, Plebanski, J.F. Complex general relativity, h and hh spaces—a survey of one approach 1-18103
- Boyer, D. *see* Van Nac, P. 1-54044
- Boyer, J.P., Berger, R.L. Influence of temperature increases during the induction period of C_3S hydration on the microstructure and strength of C_3S mortars 1-43431
- Boyer, L. Laser tomographic method for flame front movement studies 1-39641
- Boyer, L.L. Nature of melting and superionicity in alkali and alkaline-earth halides 1-20363
- Boyer, L.L. *see* Klein, B.M. 1-2856
- Boyer, P. *see* Baudry, A. 1-16500
- Boyer, P. *see* Ly, D.P. 1-53798
- Boyer, T.H. A brief survey of stochastic-electrodynamics 1-14032
- Boydett, M.R., Jewell, B.R. Analysis of the effects of changes in rate and rhythm upon electrical activity in the heart 1-8842
- Boykov, V.A., Gordienko, L.K., Nikitin, V.V. Healing mechanism for fatigue damaged nitrogenated steel 1-16869
- Boyle, D.G. *see* Dougherty, T.J. 1-35871
- Boyle, D.J. *see* Bair, H.E. 1-48499
- Boyle, M.J., Paldus, J. Particle-hole formulation of the unitary group approach to the many-electron correlation problem. II. Matrix element evaluation 1-19038
- Boyle, M.J. *see* Campbell, E.M. 1-41228
- Boyle, M.J. *see* Paldus, J. 1-19037
- Boyme, D.K., Mackay, G.I., Schiff, H.I. Determination of proton affinities from the kinetics of proton transfer reactions. VII. The proton affinities of O_2 , H_2 , Kr , O , N_2 , Xe , CO_2 , CH_4 , N_2O , and CO 1-39602
- Boymel, P.M. *see* Eaton, S.S. 1-24177

- Boyn, R. *see* Peuker, K. 1-47550
- Boyn, R. *see* Schwenkenbecher, K. 1-3444
- Boynton, P.E. The quest for fine-scale anisotropy in the relic radiation 1-9741
- Boynton, R.M., Kambe, N. Chromatic difference steps of moderate size measured along theoretically critical axes 1-17391
- Boynton, R.M., Wisowaty, J.J. Equations for chromatic discrimination models 1-43877
- Boynton, R.M. *see* Frome, F.S. 1-53789
- Boynton, R.M. *see* Wisowaty, J.J. 1-13233
- Bozyrent, A. *see* Lacroix, R. 1-3427
- Bozyrent, A. *see* Viliani, G. 1-39149
- Boysen, H., Dörner, B., Frey, F., Grimm, H. Dynamic structure determination for two interacting modes at the M-point in α - and β -quartz by inelastic neutron scattering 1-20325
- Boyum, G. *see* Pedersen, K. 1-36043
- Bozek, E. *see* Merdinger, J.C. 1-5691
- Bozhel'nyi, S.I., Zolotov, E.M., Prokhorov, A.M., Chernykh, V.A., Shcherbakov, E.A. Investigation of prism-type thin-film electrooptic deflectors 1-51605
- Bozhko, A., Nikitin, V., Grigoryeva, K. Some problems of measurement during cryotherapy of precancerous diseases of mucous membrane of oral cavity 1-32305
- Bozhko, I.V., Dudko, D.Ya., Fal'kovskii, N.I. Investigation of the electrical stability of heated oxygen 1-25106
- Bozhkov, A.I., Bunkin, F.V., Kolomenskii, A.I.A., Malyarovskii, A.I., Mikhalevich, V.G. Transition acoustic emission from a thermooptic source 1-1754
- Bozhkov, V.M., Vasil'ev, L.E., Zhigulev, S.V. Transverse subsonic flow past a cylinder 1-51800
- Bozhokin, S.V., Parshin, D.A. Interaction between electron-hole drops and dislocations in semiconductors 1-52500
- Bozic, B., Mihajlovic, A., Mihajlovic, D. Deformation microstructure and crack formation in low-cycle fatigue of the overaged Al4Zn1.6Mg alloy 1-16831
- Bozic, B., Mihajlovic, D., Radmilovic, V. The change of plastic strain amplitude in a total strain controlled low-cycle fatigue of an aged aluminium alloy 1-16832
- Bozicic, J. Liquid-liquid interface transducer 1-23212
- Bozin, J.V. *see* Urosevic, V.V. 1-15025
- Bozio, R., Pecile, C. Experimental study of the role of intramolecular vibrations in the Peierls transition of organic conductors 1-25631
- Bozio, R., Pecile, C. Molecular vibration studies of quasi-one-dimensional organic charge-transfer compounds 1-42481
- Bozio, R., Pecile, C. Intramolecular phase phonon absorptions as probes of the donor and acceptor chain contributions to the phase transitions of TTF-TCNQ 1-52955
- Bozis, G. Regions of escape on the velocity ellipsoid for the planar three body problem 1-40346
- Bozler, C.O. *see* McClelland, R.W. 1-8229
- Bozler, H.M., Gould, C.M., Clark, W.G. Crossover behaviour of a random-exchange Heisenberg antiferromagnetic chain at ultralow temperatures 1-3237
- Bozler, H.M. *see* Bartolac, T.J. 1-34539
- Bozoki, G., Bunce, G., Danby, G., Foelsche, H., Jackson, J., Proddell, A., Soukas, A., Stevens, A., Stoehr, R., Weisenbloom, J. Beam heating studies on an early model ISA superconducting cosine θ magnet 1-45752
- Bozovic, I.B., Damjanovic, M., Vujicic, M., Herbut, F. Line groups and band structure of polymers 1-7117
- Bozovic, I.B., Vujicic, M., Herbut, F., Damjanovic, M. Group theory in band structure calculations of polymers 1-20612
- Bozyan, E.P. *see* Wootten, A. 1-9602
- Bozzo, E. *see* Alpa, G. 1-37847
- Bozzo, M., Buzzo, A., Ferroni, S., Gracco, V., Santroni, A., Kiesel, R., Kirsebom, K., Macri, M., Mouellic, B. Development of large planar proportional chambers 1-23961
- Bozzolo, G., Cambiaggio, M.C., Plastino, A. Maximum overlap, atomic coherent states and the generator coordinate method 1-50496
- Braam, A.W.M., Eikelenboom, J.C., van Dijk, Vos, A. Tetramethylpyrazine trihydrate 1-30210
- Braams, G.M. 25 years of nuclear fusion research 1-10524
- Braatz, P.G., Chow, K., Efron, U., Goodwin, N., Grinberg, J., Little, M.J., Nash, C. A new electrical to optical image converter—the CCD liquid crystal light valve 1-11165
- Brabander, F. Van *see* Van Brabander, F.
- Brabec, V. *see* Dragoun, O. 1-50553
- Brabec, M. *see* Schneider, P. 1-11920
- Brabec, M.K., Williams, A.W. A chamber for the study of negative ion interactions under swarm conditions 1-18329
- Brabers, M.J. *see* Casteels, F.G. 1-3711
- Brabers, V.A.M. Thermopower and electrical conductivity of magnetite near the Verwey transition 1-12155
- Braby, L.A. *see* Nelson, J.M. 1-17460
- Brabyn, J.A. 'Artificial vision': a review of sensory aids for the blind 1-32312
- Brac, G. Faure *see* Faure Brac, G.
- Braccisi, A. *see* Battistini, P. 1-17882
- Braccisi, A. *see* Bonoli, F. 1-13878
- Braccini, C., Gaglio, S., Marino, G. Two-dimensional modelling for biomedical image restoration: an application example 1-53836
- Braccini, P.L. *see* Antreasyan, D. 1-10287
- Brace, L.H. *see* Elphic, R.C. 1-4803
- Brace, L.H. *see* Lee, J.S. 1-9319, 1-9320
- Brace, W.F. Permeability of crystalline and argillaceous rocks 1-44218
- Brace, W.F., Kohlstedt, D.L. Limits on lithospheric stress imposed by laboratory experiments 1-27131
- Brach, B.Ya., Bobrysheva, N.P., Belozerskii, G.N. Nature of interactions between iron atoms in solid solutions of the systems FeO-MgO, FeO_{1-x}-MgO, Fe₃O₄-MgAl₂O₄, and α -Fe₂O₃-Al₂O₃ 1-38922
- Brachet, M.E., Tirapegui, E. On the critical behaviour of the Schlogli model 1-39617
- Brachkovskaya, N.B., Przhnevskii, A.K. Determination of the absolute intensities in the spectra of neodymium glasses by analyzing the Stark structure of the $^4F_{3/2} \rightarrow ^4I_{9/2}$ contours 1-51486
- Brack, M. Static deformation energy calculations: from microscopical to semiclassical theories 1-50492
- Brack, M. *see* Bhaduri, R.K. 1-33379
- Brack, M. *see* Guet, C. 1-10310, 1-18693
- Brack, M. *see* Maxwell, O.V. 1-18572
- Brackenbush, L.W. *see* Mellinger, P.J. 1-5917
- Brackmann, E., Scoville, N. The W3 molecular cloud core: kinematics and ¹³CO line inversion reexamined 1-49833
- Brackmann, U. *see* Zapka, W. 1-41781
- Bracmann, J.J., Delmas, C., Fouassier, C., Hagenmuller, P. Electrochemical requirements of Na_xCoO₂ phases 1-31375
- Bradacek, H. Potential energy calculations of molecular and crystal structures in Fourier space 1-30105
- Bradamante, F. *see* Birsu, R. 1-51060
- Bradamante, F. *see* Fidecaro, G. 1-591
- Bradascia, C. *see* Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Bradbury, J.N. *see* Dicello, J.F. 1-50994
- Braddick, O., Atkinson, J., Julesz, B., Kropff, W., Bodis-Wollner, I., Raab, E. Cortical binocularity in infants 1-22017
- Braddick, O. *see* Atkinson, J. 1-13235
- Braddock, R.D. *see* Parlange, J.-Y. 1-40737
- Bradfield, W.A., Herald, D. Comet Bradfield (1980t) 1-27423
- Bradford, E. *see* Sorey, M.L. 1-36014
- Bradford, R.B. *see* Foster, L.M. 1-26430
- Bradhurst, D.H., Heuer, P.M. The temperature dependence of the in-reactor oxidation of zirconium alloys in moist CO₂ atmospheres from 573-868K 1-33297
- Bradke, M. von *see* von Bradke, M.
- Bradley, A., Gault, F.D. Pseudoscalars in the charmonium model 1-5580
- Bradley, A., Robson, D. Structure in R above charm threshold 1-10171
- Bradley, A. *see* Hess, R.F. 1-8871
- Bradley, D.J. Basic research for evaluating nuclear waste form performance 1-28632
- Bradley, D.J. New lasers and new laser measurement systems 1-29290
- Bradley, D.J., Jones, K.W., Sibbett, W. Picosecond and femtosecond streak cameras. Present and future designs 1-18307
- Bradley, D.J., Williams, R.O., Horne, F.H. The importance of ternary terms in the representation of the thermodynamics of carbon dissolved in austenitic Fe-Ni alloys 1-52314
- Bradley, D.J. *see* Adams, M.C. 1-19359
- Bradley, D.J. *see* Holbrook, M.B. 1-51526
- Bradley, G.W. *see* McKenna, G.B. 1-26478
- Bradley, J. *see* Wilson, C.J.N. 1-22306
- Bradley, J.A. *see* Sanda, P.N. 1-11978
- Bradley, J.C. *see* Mergerian, D. 1-1720
- Bradley, L.C. *see* Freed, C. 1-19320
- Bradley, L.P., Orham, E.L., Stowers, I.F., Braucht, J.R. UV preilluminated gas switches 1-25112
- Bradley, M.E. *see* Robertson, C.H., Jr. 1-22099
- Bradley, P.A. *see* Fox, P.G. 1-16950
- Bradley, P.W., Younes, M. Relation between respiratory valve dead space and tidal volume 1-22149
- Bradley, R.G. *see* Matter, J.C. 1-49381
- Bradley, R.P. *see* Grogan, D. 1-6083
- Bradley, R.T., Olson, A.W., Rogue, F., Scala, S., Richard, E.W. Evaluating physical protection systems of licensed nuclear facilities using systems engineered inspection guidance 1-14612
- Bradley, S.P. *see* Lamb, J.P. 1-53555
- Bradley, T.G. Scaling up of bipolar lithium/iron disulfide cells 1-53579
- Bradley, W.L., Mead, H.E. Fracture toughness of nodular cast iron 1-43522
- Bradley, W.L. *see* Devitt, D.F. 1-48473
- Bradlow, H.S. *see* Proudfoot, G. 1-717
- Bradner, H. *see* Snell, A.H. 1-22987
- Bradshaw, A. New materials for semiconductor detectors of nuclear radiation 1-1029
- Bradshaw, A.M., van der Veen, J.F., Himpel, F.J., Eastman, D.E. Electronic properties of the clean and hydrogen-covered TiC(111) Ti-terminated polar surface 1-42844
- Bradshaw, A.M. *see* Unwin, R. 1-33500
- Bradshaw, A.M. *see* Weaver, J.H. 1-26367
- Bradshaw, J.B. *see* Omenetto, N. 1-10691
- Bradshaw, J.D. *see* Horvath, J.J. 1-50215
- Bradshaw, J.D. *see* Zizak, G. 1-10688, 1-44916
- Bradshaw, P. *see* Andreopoulos, J. 1-11378
- Bradshaw Wood, F., Austin, R.R.D. Two eclipses of AL Velorum 1-27558
- Bradstreet, D.H. Analyses of a light curve of V523 Cassiopeiae 1-36329
- Bradt, H.V. *see* Apparo, K.M.V. 1-32773
- Bradt, R.C. *see* Kennedy, C.R. 1-3852
- Bradt, R.C. *see* Minnear, W.P. 1-26596
- Bradt, R.C. *see* Morgan, J.S. 1-53236
- Bradt, R.C. *see* Stewart, R.L. 1-39431
- Bradt, R.C. *see* Tanji, H. 1-38563
- Bradt, R.C. *see* Treusch, A.L., Jr. 1-31495
- Bradt, R.C. *see* Wood, J.L. 1-21567, 1-21568
- Brady, F.P., Romero, J.L., Zanelli, C.I., Johnson, M.L., Needham, G.A., Ullmann, J.L., Urone, P.P., Johnson, D.L. A method for measuring neutron total non-elastic cross sections 1-28823
- Brady, F.P. *see* Subramanian, T.S. 1-983
- Brady, F.P. *see* Zanelli, C.I. 1-45506
- Brady, J. *see* Abilock, H. 1-39719
- Brady, J. *see* Kavanagh, R. 1-35632
- Brady, J.B. *see* Bactor, N.Z. 1-16101
- Brady, J.W., Doll, J.D. Cluster dynamics: a classical trajectory study of A_n-A_{n-1}+A 1-46186
- Brady, J.W., Doll, J.D., Thompson, D.L. Cluster dynamics: further classical trajectory studies of A+A_n=A_{n-1}+* 1-6418
- Brady, M.J., Heidrich, P.F. Planar polyimide optical waveguide 1-46551
- Brady, M.M., Symons, S.A., Stuchly, S.S. Dielectric behavior of selected animal tissues in vitro at frequencies from 2 to 4 GHz 1-33777
- Brady, R.M. A superconducting gyroscope with no moving parts 1-50158
- Braga, E.S., Mamma, A.P., Mamma, C.I.Z., Anderson, R.L. Plasma etching of SnO₂ films on silicon substrates 1-35414
- Braga, M., Riego, A.R., Danon, J. Electronic structure and Mossbauer isomer shift of the iron atom isolated in a crystalline argon matrix 1-24307
- Braga, M. *see* Pavao, A.C. 1-24019
- Braga, M.E. *see* Amado, M.M. 1-25940
- Braga, M.E. *see* Pinto, R.P. 1-25710
- Braga, M.E. *see* Sousa, J.B. 1-12269, 1-25702
- Braga, R.A., Western, W.R., Wood, J.L., Fink, R.W., Stone, R., Bingham, C.R., Riedinger, L.L. Very slow M4 transitions and shell-model intruder states in ^{199,201}Bi 1-18536
- Bragal, M.E. *see* Ausloos, M. 1-25700
- Bragard, A. *see* Caubo, M. 1-21494
- Bragard, A. *see* Marique, C. 1-8335, 1-21477
- Bragg, G.M., Morrow, B.C. An acoustic method of sizing and counting aerosol particles 1-27916
- Bragg, R.H. *see* Baker, D.F. 1-52320
- Braghetti, M. *see* Poeti, G. 1-20057
- Bragin, A.A., Redoriv, R.F., Shikhman, A.S. A single-channel analyser for the borehole SGSL-2 gamma spectrometer 1-32534
- Bragin, A.A., Shcherbinin, N.I. Averaging of depth interval data in nuclear-geophysical investigations of wells 1-27289
- Bragina, O.I. *see* LeL'chuk, V.L. 1-33291
- Bragina, T.M., Lel'chuk, V.L., Shreter, Yu.G. Kinetics of exciton condensation in germanium at high excitation levels 1-30648
- Braginskaya, T.G., Klyubin, V.V., Noskin, V.A., Reinov, N.M. Study of optical mixing spectra with partial heterodyning of light 1-41587
- Braginski, A.I., Wagner, G.R. In-situ formed multifilamentary composites. II. AC losses 1-47791
- Braginski, A.I. *see* Gavaler, J.R. 1-52725
- Braginskii, V.B., Vasil'ev, S.I., Panov, V.I. Thermal expansion of aluminum oxide crystals at low temperatures 1-52321
- Braginskii, V.B., Vyatchanin, S.P. High-Q dielectric resonators 1-31087
- Braginskiy, S.I. The geomagnetic dynamo 1-13389
- Braginsky, V.B., Vorontsov, Y.I., Thorne, K.S. Quantum nondemolition measurements 1-23099
- Braginsky, V.B. *see* Douglass, D.H. 1-18144
- Braglia, G.L. Motion of electrons and ions in a weakly ionized gas in a field. I. Foundations of the integral theory 1-11520
- Braglia, G.L. *see* Bruzese, R. 1-33653, 1-46288
- Brah, A.S., Virdehe, L., March, N.H. Electron scattering by molten aluminium 1-20047
- Brahic, A., Sicardy, B. Apparent thickness of Saturn's rings 1-44487
- Brahma, P., Roy, S.K. Microwave absorption and internal rotation in 1,5-, 1,6- and 1,7-dicyanoalkanes in benzene solution 1-48001

- Brahmachari, R., Bhattacharjee, S.B.** Sensitivity of the Curie temperature to the number of nearest neighbours 1-38940
- Brahmachari, R., Chakraborty, K.G.** Second-order Green's-function approach for the study of the sensitivity of the Curie temperature to single-ion anisotropy 1-7840
- Brahmajai Rao, V., Satyanarayana Rao, T., Chowdary Babu, N.** Influence of dielectric constant on cationic mobilities of electrolytic solutions in relation to Eigen mechanism 1-35536
- Brahme, A., Krappelein, T., Svensson, H.** Electron and photon beams from a 50 MeV racetrack microtron 1-35902
- Brahme, A., Montelius, A., Nordell, B., Reuthal, M., Svensson, H.** Investigation of the possibility of using photoneutron beams for radiation therapy 1-26995
- Brahme, A.** see Lax, I. 1-49096
- Braibanti, A.** On the interpretation of thermodynamic quantities in complexation reactions 1-12967
- Braicovich, L., Abbati, I., Miller, J.N., Lindau, I., Schwarz, S., Skeath, P.R., Su, C.Y., Spicer, W.E.** Systematics on the electron states of silicon d-metal interfaces 1-16367
- Braicovich, L.** see Abbati, I. 1-12634, 1-12637, 1-16177, 1-16655, 1-20399, 1-31304, 1-43250, 1-53047
- Braicovich, L.** see Miller, J.N. 1-16104
- Braida, L.D.** see Lippmann, R.P. 1-49008
- Braille, L.W.** see Olsen, K.H. 1-40092
- Brailov, E.S., Vassergiser, M.E.** Estimation of the characteristic of disk-shaped flexural-mode bimorph cell 1-37758
- Brailov, V.P., Voronkov, M.E., Chakhovskii, V.M.** Mathematical model of the optimization of the structure of nuclear heat sources 1-23871
- Brailovskaya, V.A., Kogan, V.R., Polezhaev, V.I.** Influence of anisotropy of the permeability on the convection and heat transfer in a porous annular layer 1-34009
- Brailovskii, E.Yu., Grigoryan, N.E., Eristyan, G.N.** Optical properties of electron-irradiated gallium phosphide 1-38812
- Brailovskii, E.Yu., Il'in, Yu.L., Marchuk, N.D., Saenko, I.V.** Compensation of donor centers in nitrogen-doped GaP 1-38743
- Brailovskii, E.Yu., Marchuk, N.D., Pambukhchyan, N.Kh.** Characteristic features of radiation defects in $\text{GaAs}_{1-x}\text{P}_x$ solid solutions 1-42379
- Brainard, E.J., Brandt, S.L., Giddings, J.J., Williams, T.O.** Method to maintain a stable lower percentage of copper in evaporated films 1-39240
- Brainard, W.A., Wheeler, D.R.** Improved adherence of TiC coatings to steel 1-39239
- Brainin, E.L., Makarova, L.V., Spotkai, G.V.** Mechanical properties of cast zinc alloy TsAM 4-1 1-43506
- Brainin, G.E., Vernigor, A.A., Zozulya, O.N., Kasatkina, N.G., Lisovskii, A.M., Ovsyaka, E.I.** Use of high hydrostatic pressure for pressing parts from hard-metal powders 1-3671
- Brainin, M.J.** see Smolyak, B.M. 1-52394
- Brainina, Kh.Z.** 'Inverse' peaks in polarization curves 1-53434
- Brathwaite, N.St.J., Allen, J.E.** The influence of cathode double-layers on the stability of a collisionless current-carrying plasma 1-15613
- Brathwaite, R.E., Scott, C.G., Mullin, J.B.** Formation and stability of In contacts to n-type CdTe 1-7736
- Brathwaite, W.J.** see Morris, C.L. 1-723, 1-50498
- Brattinger, M.** see Ruppe, H.O. 1-50893
- Brajczewska, M., Dabkowski, A., Fink-Finowicz, J., Jagielski, T., Krzywinski, J., Lachowicz, H., Lisowski, B., Sulich, P.** Measurement methods and set-ups for the investigation of epitaxial thin garnet films for bubble domain memory devices 1-5343
- Brajczewska, M.** see Lutgemeier, H. 1-26047
- Brake, M.L.** Physics in accident investigations 1-49919
- Brakham, A.** Ben see Ben Brakham, A.
- Bratic, N.E.** Exact computation of loop averages in two-dimensional Yang-Mills theory 1-23445
- Bramanti, M.** Small-opening microwave applicator for noninvasive diagnosis and monitoring 1-43941
- Bramanti, M.** see Bedini, L. 1-22104
- Brambilla, P., Della Ventura, A., Musio, P., Rampini, A.** Exploratory classification of remote sensing data 1-4624
- Brambilla, R.** The leader conductivity in long air electrical discharges 1-15586
- Bramble, J.H.** Multistep methods for quasilinear parabolic equations 1-22995
- Brana, J., Ljolje, K.** Dual symmetry and the Dirac field theory 1-40924
- Brana, J., Ljolje, K.** Quantization of the Dirac field in the new canonical formulation 1-40951
- Brana, J., Ljolje, K., Vobornik, S.** Quantization of the massless Dirac field in the new canonical formulation 1-40950
- Brancaccio, A.** see Armenante, M. 1-5432
- Branch, D., Lambert, D.L., Tomkin, J.** The iron abundance in the Hyades cluster 1-22850
- Branch, D.** see Patterson, J. 1-22817
- Branch, M.C.** see Hayashi, K. 1-46796
- Branch, S.J.** see Thambinayagam, R.K.M. 1-24784
- Brancher, J.-P.** Study of the constant magnetisation in ferrofluid flows 1-7885
- Branco, G., Masiero, A.** Neutrino oscillations in the O(10) model with radiatively induced Majorana masses 1-18413
- Branco, G.** see Klinkhammer, F.R. 1-54360
- Branco, G.C.** Spontaneous CP nonconservation and natural flavor conservation: a minimal model 1-40958
- Brand, H., Pleiner, H.** Hydrodynamics of $^3\text{He-A}$ in high magnetic fields 1-34536
- Brand, H., Pleiner, H.** Higher-order gradient terms in the anisotropic superfluid phases of ^3He 1-34540
- Brand, H., Schenzle, A.** Exactly soluble multidimensional Fokker-Planck equations with nonlinear drift 1-40716
- Brand, H.** see Pleiner, H. 1-2313, 1-52063
- Brand, J.F.J.** van den see van den Brand, J.F.J.
- Brand, R.A., Georges-Gibert, H.** Magnetic properties of the spin glass $\text{Pd}_{1-x}\text{Fe}_x$ hyperfine and susceptibility studies in a magnetic field 1-12312
- Brand, R.A., Georges-Gibert, H., Lelaunin, M.** Lattice parameter and ^{57}Fe isomer shift in PdH: evidence for two new phases 1-7983
- Brand, R.A.** see Crownshield, R.D. 1-22046
- Brand, S., Jaros, M., Rodriguez, C.O.** Defect states dominated by localised potentials in semiconductors 1-52520
- Brand, S.** see Banks, P.W. 1-21257, 1-47542
- Brand, S.** see Kirton, M.J. 1-20655
- Brandan, M.E., Menchaca-Rocha, A.** Total reaction cross section for $^{60}\text{Ni} + \text{C}$ at $E_{\text{cm}} = 60, 93$, and 135 MeV 1-50624
- Brandan, M.-E., DeLuca, P.M., Jr.** A detector for the direct measurement of LET distributions from irradiation with fast neutrons 1-17536
- Brandao, D.E.** see Kunzler, J.V. 1-7603
- Brandao, D.E.** see Schreiner, W.H. 1-2934
- Brandas, E.J.** see Dunne, L.J. 1-48982
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Kirschner, F.J., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Evidence for a spin-1 gluon in three-jet events 1-23510
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Kirschner, F.J., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder, M., Poelz, G., Romer, O., Rusch, R., Schmusser, P., Al-Agil, I., Binnie, D.M., Dornan, P.J., Downie, N.A., Garbutt, D.A., Jones, W.G., Lloyd, S.L., Pandoulas, D., Sedgbeer, J., Stern, R.A., Yarker, S., Youngman, C., Barlow, R.J., Brock, I.C., Cashmore, R.J., Devenish, R., Grossmann, P., Illingworth, J., Ogg, M., Roe, B., Salmon, G.L., Wyatt, T.R., Bell, K.W., Foster, B., Hart, J.C., Proudfoot, J., Quarrie, D.R., Saxon, D.H., Woodworth, P.L., Duchovni, E., Eisenberg, Y., Karshon, U., Mikenberg, G., Revel, D., Ronat, E., Shapira, A., Barklow, T., Freeman, J., Lecomte, P., Meyer, T., Rudolph, G., Wicklund, E., Sau Lan Wu, Zobernig, G.** Search for new sequential leptons in e^+e^- annihilation at PETRA energies 1-50411
- Brandelik, R., Braunschweig, W., Gather, K., Kadansky, V., Lubelsmeyer, K., Martyn, H.-U., Peise, G., Rimkus, J., Sander, H.G., Schmitz, D., Schultz von Dratzig, A., Trines, D., Wallraff, W., Boerner, H., Fischer, H.M., Hartmann, H., Hilger, E., Hillen, W., Knop, G., Koepke, L., Kolanoski, H., Leu, P., Lohr, B., Wedemeyer, R., Wermes, N., Wollstadt, M., Burkhardt, H., Cassel, D.G., Heyland, D., Hultschig, H., Joos, P., Koch, W., Koehler, P., Kotz, U., Kowalski, H., Ladage, A., Luke, D., Lynch, H.L., Mattig, P., Mikenberg, G., Notz, D., Pyrlík, J., Riethmüller, R., Schliwa, M., Soding, P., Wiik, B.H., Wolf, G., Fohrmann, R., Holder,**

- Braunford, D., LeVine, M.J., Barrette, J., Kubono, S. Observation of ^{12}C - ^{12}C resonances as final states in the $^{12}\text{C}(^{16}\text{O},\alpha)^{24}\text{Mg}$ reaction 1-36935
- Branham, R.L., Jr. Least-squares solution of ill-conditioned systems. II 1-22694
- Branitskii, G.A. see Biktimirov, R.S. 1-28102
- Brankov, I.G. see Tonchev, N.S. 1-25829
- Brankov, J. see Krejov, K. 1-12268
- Brann, H.N., Templeton, J.I. Meteorological factors associated with high pollution episodes in Melbourne (June 1978) 1-27227
- Brann, H.N. see Bourne, I.A. 1-32561
- Brannon, J.M. see Gunnison, D. 1-36085
- Brannover, H. see Pierson, E.S. 1-34125
- Brandsen, B.H., Newby, C.W., Noble, C.J. Electron capture by fully stripped ions of helium, lithium beryllium and boron from atomic hydrogen 1-10836
- Bransford, D.R. see Kobayashi, K. 1-21988
- Branson, J.C. see Barber, D. 1-14407
- Branson, J.G. Tests of quantum electrodynamics at PETRA 1-10187
- Branson, J.G. see Antreasyan, D. 1-10287
- Branson, J.G. see Barber, D.P. 1-534, 1-28309
- Brant, P., Berry, A.D., DeMarco, R.A., Carter, F.L., Fox, W.B., Hashmall, J.A. Gas phase and solid state X-ray photoelectron spectra of the substituted acetylenes $(\text{SF}_3)_2\text{C}_2\text{F}_2$ ($n=0,1,2$): a comparison of the pentafluorosulfur and trifluoromethyl groups 1-53049
- Brant, P., Moran, M.J., Weber, D.C. X-ray photoelectron spectra of dopant molecules for conducting polymers. Vapor phase core level binding energies for arsenic and antimony pentafluorides 1-29036
- Brant, P. see Miller, G.R. 1-38989
- Brantov, S.K. see Abramov, N.V. 1-31335
- Brantov, S.K. see Shi, J. 1-30113
- Brar, A.S., Singh, H., Brar, S., Randhawa, B.S. Mossbauer effect studies of ferrocyanides $\text{M}_2^{III}[\text{Fe}^{II}(\text{CN})_6]\cdot x\text{H}_2\text{O}$ 1-52879
- Brar, N.S., Schloessin, H.H. Nucleation and growth of aragonite in a calcite single crystal 1-16041
- Bras, S. see Brar, A.S. 1-52879
- Bras, G. Le see Le Bras, G.
- Bras, N., Bousquet, C. Study of 'blue' satellite observed on the self-broadened 1849 Å mercury line. Evidence for a variation of transition moment with internuclear distance 1-51163
- Bras, R.L. see Kitanidis, P.K. 1-36011
- Brasch, J.W. Techniques for compressibility measurements on explosive materials using an opposed diamond-anvil optical cell 1-9966
- Brasel, E., Langecker, K. Extraction of the gas dissolved in the transformer oil 1-31929
- Brash, H.M. see Douglas, N.J. 1-13331
- Brashers, H.C., Jr., Setser, D.W., Yu, Y.-C. Emission spectra of KrXeCl^* , KrXeBr^* , KrXeI^* , ArKrF^* , and ArKrCl^* 1-37219
- Brascher, J.D., Dy, K.S. Exact tight-binding solution for interface states and resonances 1-25786
- Brascher, J.D. see Herget, W.F. 1-4238
- Braspenning, P.J., Lodder, A. Cluster model anisotropic electron lifetimes in different approximations. Consequences of the neglect of backscattering and the use of the Born approximation 1-34697
- Braspenning, P.J. see Lodder, A. 1-7597
- Brass, A.M. see Barthelemy, H. 1-43534
- Brasse, F.W. see Altkofer, O.C. 1-45773
- Brasse, F.W. see Aubert, J.J. 1-5630
- Brasunas, J.C. see Chance, K.V. 1-17651
- Brasz, J., Van Essen, D. Experimental determination of density-wave oscillations in full-scale sodium-heated steam generators 1-28567
- Brat, S., Sunder Rajan, N.S. Investigation of the utility of some synthetic magnesium silicates in radioactive waste treatment 1-28624
- Brat, Z., Ari-Gur, P., Brandon, D.G. Anisotropy of 250 maraging steel spear-spun tubes 1-21554
- Bratashvskii, A.S., Derebchinski, A.I., Zybailov, A.A., Kononov, O.G., Omelaenko, A.S., Tenishev, A.E. Polarization of the recoil protons in the reaction $\gamma p \rightarrow \pi^0 p$ in the photon energy interval 500-800 MeV 1-5633
- Bratchikov, A.D., Merzhanov, A.G., Itin, V.I., Khachin, V.N., Dudarev, E.F., Gyunter, V.E., Maslov, V.M., Chernov, D.B. Self-propagating high-temperature synthesis of titanium nickelide 1-35216
- Bratchikov, A.D. see Itin, V.I. 1-53137
- Bratchikov, A.D. see Makogon, M.B. 1-31563
- Bratenahl, A. see Baum, P.J. 1-4849
- Bratescu, G.G., Gruzniczki, F. The influence of the hyperfine structure on the profile fineness of radiations emitted by mercury and the intensity anomaly of the hyperfine components of the green radiation 1-33416
- Bratescu, G.G., Tudor, T. On the coherence of disturbances of different frequencies 1-46210
- Bratescu, G.G., Tudor, T., Nemes, G., Ristic, M. The coherence of sidebands of electrically intensity modulated light 1-33617
- Bratiansu, C., Atluri, S.N., Rust, J.H. A hybrid finite-element model for fluid flow simulation 1-46720
- Bratis, J.C., Marcinia, T.J., Jain, M.L., Holtz, R.E. Residential/commercial cogeneration: fuel and technological options 1-53533
- Bratkovskii, V.M., Burkov, V.I., Zelentsova, S.A., Kotov, V.A., Polyanova, A.G. The Faraday effect in terbium phosphate glasses 1-8046
- Bratkovskii, V.M. see Burkov, V.I. 1-43099
- Bratland, D., Gschneider, K.A., Jr. Electrowinning of gadolinium metal below 1000°C 1-26409
- Bratman, V.I. see Bogomolov, Ya.L. 1-46275
- Bratova, M. Lead adsorption during deposition onto silver substrates 1-30571
- Bratos, S. see Guillot, B. 1-16575
- Bratos, S. see Tarjus, G. 1-45974
- Bratt, C. Design characteristics and test results of the United Stirling P40 engine 1-53650
- Bratt, P.W., Even, W.R., Carr, S.H. An image intensifier for electron microscopy of polymers 1-385
- Bratt, Z. see Brandon, D.G. 1-3767
- Brattell, O., Robinson, D.W. Equilibrium states of a Bose gas with repulsive interactions 1-14224
- Bratteng, O., Leer, E. Plasma drift in the polar ionosphere 1-13627
- Bratton, R.J., Lau, S.K., Lee, S.Y. Evaluation of present-day thermal barrier coatings for industrial utility applications 1-31708
- Bratton, R.J. see Andersson, C.A. 1-31366
- Brattsev, V.F., Semenova, L.I. Calculation of the spectroscopic characteristics of the N_2 and CO_2 molecules in the random-phase approximation. Transition frequencies, oscillator strengths, and spectroscopic moments 1-41435
- Bratukhin, Yu.K., Evdokimova, O.A., Pshenichnikov, A.F. Motion of gas bubbles in a nonuniformly heated liquid 1-19780
- Bratunets, A.G. see Enikeeva, G.R. 1-31056
- Bratus', E.N. see Bezuglyi, E.V. 1-30881
- Bratus', V.Ya., Zaritskii, I.M., Pekar', G.S., Khondros, L.I., Shtrum, E.L. Electron spin resonance of shallow donors in CdS 1-34925
- Brau, C.A. Free-electron lasers—a review 1-46278
- Brau, C.A., Cooper, R.K. Variable wiggler optimization 1-15142
- Brau, K., von Goeler, S., Bitter, M., Cowan, R.D., Eames, D., Hill, K., Sauthoff, N., Silver, E., Stodiek, W. Observations of giant recombination edges on the Princeton Large Torus Tokamak induced by particle transport 1-19944
- Brauchle, C., Deeg, F.W., Voilandner, J. Absorption, phosphorescence and ODMR studies of 1-phenyl-1-boracyclohexane 1-29018
- Brauchle, C., Kabza, H., Voilandner, J. Phosphorescence properties and kinetics of the lowest triplet state T_1 of a series of pyrene derivatives as obtained by ODMR techniques 1-46007
- Braucht, J.R. see Bradley, L.P. 1-25112
- Braude, I.S., Gluzman, P.M., Demirkir, V.V., Komnik, S.N. The relation of mechanical properties to fine structure of α -phase Cu-Al solid solutions 1-53208
- Braude, S.Ya., Miroshnichenko, A.P., Sokolov, K.P., Sharykin, N.K. Decametric survey of discrete sources, VII. Source catalogue in the range of declinations -2° to -13° 1-54400
- Braude, V.M. see Fridkin, R.Z. 1-12764
- Brauer, G. see Kajcos, Z. 1-43211
- Brauer, G.K., Willaredt, B. Oxidation of praseodymia in ternary rare earth oxide phases 1-26440
- Brauer, H. Subcritical solutions in a special non-linear ω -dynamo model 1-49499
- Brauer, H., Schuft, H.-W. Electric equipment of a LEW special furnace for heat treatment of welding electrodes 1-53215
- Brauer, P. Phase transitions of ammonium-alkali iodides and related halides 1-52292
- Brauer, P. Adsorption on heterogeneous surfaces. VI. Calculation of the thermodynamic function of monomolecular adsorption for multimodal adsorption energy distribution function 1-53475
- Brauer, P. see Trefft, H. 1-53474
- Braut, J.W. see Engvold, O. 1-9456
- Braut, Y. see Lorino, H. 1-13332
- Brautman, J.L. see Jasinski, J.M. 1-33549
- Braumann, P. see Salge, J. 1-15702
- Braun, A. A new method for the calibration of a national current ratio standard 1-36618
- Braun, A., Richter, H., Dannesberg, H. Determination of voltage transformer errors by means of a parallel-series step-up method 1-36620
- Braun, C. Perceptions of risk and timing in breeder reactors development decisions 1-755
- Braun, C.L. Organic semiconductors 1-47658
- Braun, D.J., Jeitschko, W. Thorium-containing pnictides with the LaFeP_{12} structure 1-34309
- Braun, E. A model of Brownian dynamics for colloidal suspensions 1-6886
- Braun, H.F., Segre, C.U. The superconductivity of $\text{Se}_2\text{Si}_{10}$ ($T = \text{Co, Rh, Ir}$) and isomorphous compounds 1-7772
- Braun, H.F., Yvon, K. SmFeB_4 —a new ternary boride of the YCrB_4 type 1-15843
- Braun, M. Mathematical remarks on the Van Allen radiation belt: a survey of old and new results 1-54332
- Braun, M., Emmoth, B., Waelbroeck, F., Wienhold, P. Determination of deuterium surface recombination rates on stainless steel 1-25504
- Braun, M., Emmoth, B., Whitton, J.L. Blistering and exfoliation of 304 stainless steel studied by SEM and RBS 1-25334
- Braun, M., Robinson, D.E. Model studies of angular behaviour of acoustic backscatter 1-33850
- Braun, M.A. Relativistic equation for a composite particle with one virtual component 1-18448
- Braun, M.A. On the amplitude for finding a bound state inside another bound state 1-41066
- Braun, O.M. Density of electronic states in a chemisorbed atom 1-25787
- Braun, O.M., Il'chenko, L.G., Pashitskii, E.A. Adsorption of alkali metal atoms on transition metal surfaces with allowance for the image potential 1-25576
- Braun, P.A. Quasienvironments of an anharmonic oscillator in parametric resonance 1-14047
- Braun, P.A., Miroshnichenko, G.P. Possibility of effective radiation excitation of the deformation vibration of linear triatomic molecules 1-41364
- Braun, S., Seth, B. Analysis of repetitive mechanism signatures 1-6819
- Braun, S.G. The signature analysis of sonic bearing vibrations 1-24583
- Braun, V.R., Krasnopetrov, L.N., Panfilov, V.N. Characteristics of intracavity laser magnetic resonance spectroscopy 1-44975
- Braun, W. see Dutsch, H.U. 1-22398
- Braun, W. see Wuthrich, K. 1-8813
- Braungart, R., Sigmund, H. Formation of Mg_2Si and CaSi_2 layers on monocrystalline silicon substrates 1-21367
- Braunlich, P. see Gasiot, J. 1-966
- Brauns, E. see Degrauw, J. 1-31377
- Braunschweig, W. see Brandel, R. 1-23510, 1-23527, 1-50411
- Braunshstein, D., Tannhauser, D.S., Riess, I. Diffusion-limited charge transport at platinum electrodes on doped CeO_2 1-48827
- Braunstein, M. see Braunstein, R. 1-28077
- Braunstein, R., Kim, R.K., Braunstein, M. Wavelength modulation spectroscopy of highly transparent solids 1-28077
- Bravo, J.R. see Alonso, J.L. 1-10278
- Bravo, L. see Adamovich, M.I. 1-45317
- Bravo, L. see Fiorino, A. 1-50583
- Bravo, R. see Kehiaian, H.V. 1-47253
- Bravo N., A. see Espinosa-Muller, A. 1-48715
- Brawer, S.A. see Weber, M.J. 1-39148
- Bray, A. New methods and research trends in the dissemination of the standards of measurement units 1-23159
- Bray, A.J., Moore, M.A. Broken replica symmetry and metastable states in spin glasses 1-16445
- Bray, A.J., Roberts, S.A. Renormalisation-group approach to the spin glass transition in finite magnetic fields 1-12305
- Bray, D.J., Smyth, J.R., McGee, T.D. Creep of 90+ $\%$ Al_2O_3 refractory concrete 1-31523
- Bray, J.R. A sunspot-auroral Solar Index from 522 B.C. to A.D. 1968 1-13752
- Bray, J.W. Pressure dependence of the spin-Peierls transition 1-7601
- Bray, J.W. see Bloch, D. 1-47910
- Bray, L.A. see White, G.D. 1-43302
- Bray, M.A. Improved usage of the LOFT plant process computer 1-41288
- Bray, P.J. see Harris, L.A., Jr. 1-21070
- Bray, R. see Chang, W.C. 1-16320, 1-48096
- Bray, R. see Chapman, L.D. 1-15978
- Bray, R.C., Quate, C.F., Calhoun, J., Koch, R. Film adhesion studies with the acoustic microscope 1-38696
- Bray, R.J. A refined measurement of the sunspot radiative flux deficit 1-54453
- Brayman, H.C., Fischell, D.R., Cool, T.A. Spectroscopic studies of the products of reactions of yttrium and scandium atoms with halogen molecules. I. The origin of chemiluminescence 1-26720
- Brayman, H.C. see Fischell, D.R. 1-26721
- Braz, M.A. see Abraham, Z. 1-27590
- Braz, M.A. see Scailie, E., Jr. 1-49818
- Brazhenas, A.P. see Daunis, M.A. 1-12822
- Brazhnik, L.G. Instrumental distortions of complex bands in molecular spectra 1-41381
- Brazis, R.S., Mironas, A.S., Filipavichus, A.S. Nonlinear microwave magnetoplasma resonance in small indium antimonide samples 1-30756
- Brazis, R.S., Mironas, A.S., Pozela, J.E. Current instability and microwave transmission oscillations in epitaxial n-GaAs in transverse magnetic field 1-20891
- Brazis, R.S. see Ambrazeviciene, V.S. 1-16552
- Brazovskii, S.A., Kirova, N.N. Excitons, polarons and bipolarons in conducting polymers 1-42752
- Brazovsky, S.A. see Finkel'stein, A.M. 1-42749
- Breare, J.M. see Al-Dargazelli, S.S. 1-18967

- Brearily, I.R., MacInnes, D.A. An improved equation of state for inert gases at high pressures 1-15569
- Brearily, I.R., MacInnes, D.A. An improved equation of state for inert gases at high pressures 1-24909
- Brenzeale, M.A. see Bajak, I.L. 1-11237
- Brenzeale, M.A. see Cantrell, J.H., Jr. 1-37753
- Brebbia, C.A., Wrobel, L.C. The boundary element method 1-18025
- Brebbia, C.A. see Morgan, K. (editor) 1-17956
- Breber, G., Palen, J.W., Taborek, J. Prediction of horizontal tubed condensation of pure components using flow regime criteria 1-37926
- Brecher, C., Riseberg, L.A. Laser-induced fluorescence line-narrowing in rare-earth-doped glasses: spectroscopic variations and their structural implications. III. Optical properties 1-3460
- Brecher, K., Burrows, A. Gamma-ray lines from accreting neutron stars 1-13801
- Brecher, K., Wasserman, I. Dynamical determination of the mass ejected by the Cassiopeia A supernova 1-4926
- Brechignac, C., Cahuzac, Ph. Population inversion on the resonance line of strontium by using cascading superfluorescences in a three-level system 1-33432
- Brechignac, G., Cahuzac, P., Debarre, A. Anomalous off-axis emissions on the resonance strontium line, illuminated by a quasi-resonant pulsed laser light 1-19052
- Brechignac, P., Picard-Bersellini, A., Charneau, R., Launay, J.M. Rotational relaxation of CO by collisions with H₂ molecules: a comparison between theory and experiment 1-29084
- Brecht, S.H. see Lyon, J. 1-17735
- Breckenridge, W.H., Nikolai, W.L. Temperature dependence of the quenching of Mg(P₁) by H₂: Evidence for a change from physical to chemical exit-channel control 1-6361
- Breckinridge, J.B., Norton, R.H., Schindler, R.A. High-resolution spectrometer/interferometer 1-36730
- Breccque, J.J. La see La Breccque, J.J.
- Bredas, J.L. Importance of the long-range contributions in a polymer computation 1-19226
- Bredas, J.L. see Delhalle, J. 1-42668
- Bredas, J.-L. see Delhalle, J. 1-34614
- Bredas, J.-L. see Andre, J.-M. (editor) 1-17938
- Brede, H.J., Siebert, B.R.L. MARS-TR 440 Ein Programm zur Berechnung des Bremsvermögens, der Reichweite, der Energie- und Kleinwinkelstreuung von Ionen in Materie (MARS-TR 440 A program to calculate the stopping power and energy ranges of heavy ions in materials) 1-10614
- Brede, H.J. see Jahr, R. 1-6057
- Bredelrow, G., Hohl, K. The atomic iodine laser, a high power gas laser 1-11013
- Bredli, C.D. see Schlabit, W. 1-47849
- Bredohl, H. see Houbrechts, Y. 1-1251
- Bree, A., Edelson, M. An investigation of the low-frequency torsional modes of trans-stilbene using Raman spectroscopy 1-1241
- Breed, D.J., Robertson, J.M., Algra, H.A., van Bakel, B.A.H., de Geus, W., Heynen, J.P.H. Garnet films for micron and submicron magnetic bubbles with low damping constants 1-47920
- Breed, D.J., Voermans, A.B. Strip domains in garnet films with large magnetostriiction constants under the influence of in-plane fields 1-12368
- Breedon Jones, J., Barr, J.B., Smith, R.E. Analysis of flaws in high-strength carbon fibres from mesophase pitch 1-8376
- Breelle, Y., Choffe, B., Grehier, A. Economic impact of fuel cells 1-43755
- Breemer, R.E. see Van Den Boom, H. 1-16553
- Breen, K.R. see Ditchek, B.M. 1-31848
- Breen, R.J. Defense-in-depth approach to safety in light of TMI-2 1-14664
- Breford, E.J., Engelke, F. Laser-induced fluorescence in supersonic nozzle beams: predissociation in the Rb, C II, and D II states 1-6299
- Breger, M. Delta Scuti stars and dwarf Cepheids: review and pulsation modes 1-40498
- Breger, M. The unusual classical Cepheid HR 7308: 1966-1969 1-40506
- Breger, M. see Weiss, W.W. 1-13773
- Breger, M. see Willis, D. 1-40571
- Breger, P. see Hey, J.D. 1-1167, 1-14846
- Breger, P. see Roussel, F. 1-10805
- Bregman, J.D. see Kundu, M.R. 1-4861
- Brehm, C. see Boniort, J.Y. 1-11126
- Brehm, E. Current near and in the boundary film of a liquid (rain droplets) on a solid particle 1-37980
- Brehm, J.J. Final-state interactions in a system of three pions 1-50349
- Brehm, R., van Dun, K., Haisma, H., Teunissen, J.C.G. Transparent single-point turning of glass 1-33840
- Brehmer, L., Pinnow, M., Ludwig, J. Electrical characterisation of the carbonization process of polyacrylonitrile fibres 1-2961
- Brehmer, L., Pinnow, M., Von Berlepsch, H., Kornelson, M., Stark, W. Estimation of the charge carrier mobility in high density polyethylene by means of kinetic methods 1-7764
- Breidenbach, M. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Breidenbach, M. see Dorfan, J.M. 1-41020
- Breidenbach, M. see Himel, T.M. 1-18482
- Breidenbach, M. see Scharre, D.L. 1-18485, 1-45292
- Breidenthal, R. Response of plane shear layers and wakes to strong three-dimensional disturbances 1-11384
- Breidne, M. see Blik, P. 1-46542
- Breidne, M. see Roger, A. 1-24483
- Breido, I.I. Threshold contrasts during photographic recording of stars against a sky background 1-28103
- Breinan, E.M. Laser surface modification of metals and alloys 1-21648
- Breinig, M., Elston, S., Sellin, I., Liljebj, L., Thoe, R., Vane, C.R., Gould, H., Marrus, R., Laubert, R. Initial tests of possible second-Born-term source of asymmetry in forward electron ejection by fast bare nuclei 1-29113
- Breinig, M. see Elston, S.B. 1-37347
- Breinig, M. see Laubert, R. 1-47124
- Breitenbach, L.P. see Niki, H. 1-14880
- Breitenberger, E. see Gettys, W.E. 1-40627
- Breitenlohner, P., Sohnius, M.F. An almost simple off-shell version of SU(2) Poincare supergravity 1-50020
- Breiter, M.W. see Dunn, B. 1-48818
- Breitinger, D.K. see Kehr, W.G. 1-15850
- Breitinger, D.K. see Messer, D. 1-34295
- Breitschwerdt, K.G. see Schmidt, W.W. 1-25727, 1-34427
- Breizman, B.N., Malkin, V.M. Dynamics of modulation instability of a broad Langmuir wave spectrum 1-11561
- Breizman, B.N., Rytov, D.D., Stupakov, G.V. Theory of large-radius high-current diodes 1-2257
- Brekhovskikh, A.L., Demin, Yu.L. Integral water circulation of the Atlantic Ocean 1-4522
- Brekhovskikh, G.L., Okladnikov, N.V., Sokolovskaya, A.I. Experimental study of the effect of amplification saturation on wavefront establishment in SRS 1-41779
- Brekhovskikh, S.M., Gorodnev, A.L. Hot pressing of mullite-corundum ceramic 1-12700
- Brekhovskikh, S.M., Gorodnev, A.L. Relation of heat resistance and strength of mullite-corundum ceramic to the structure of the fracture surface 1-43476
- Brekhovskikh, S.M., Gorodnev, A.L., Nikolaeva, I.N. Mullite formation during the production of ceramics by hot pressing 1-12692
- Brekke, A. see Schlegel, K. 1-27334
- Breland, J.A., II see Fanning, K.A. 1-54066
- Breman, J., von Wolfersdorff, B., Hartmann, H. Gas and fluid mass transfer coefficients. Solubility equilibrium for the SO₂/O₂-H₂O system 1-43817
- Breme, J. see Massat, H. 1-34836
- Breme, V. see Hennicke, H.W. 1-35304
- Bremer, J., Sorum, H. Fine structure of the deep-band probe Kβ_{2,5} in copper 1-8165
- Bremer, J. see Kaihola, L. 1-35115
- Bremhorst, K. Effect of mounting systems on heat transfer from inclined cylinders in cross-flow 1-38026
- Bremner, J.M., Robbins, S.G., Blackmer, A.M. Seasonal variability in emission of nitrous oxide from soil 1-21942
- Bremond, G., Novailhat, A., Guillot, G. Deep level spectroscopy in InP:Fe 1-34649
- Brenac, A. see Alexandre, F. 1-2834
- Brencl, M., Casini, A., Castellini, G., Ceccacci, P.F., Falciari, R., Righini, C., Russo, V., Sottini, S., Scheggi, A.M., Tesi, M. Quartz-plastic fibre technology and applications 1-1707
- Brencl, M., Falciari, R., Kalata, H., Tadeusiak, A. Characterization of ring index fibers fabricated by MCVD technique 1-46554
- Brendel, A.J. see Ducassou, D. 1-49115
- Brendel, C. see Schafer, H. 1-35572
- Brendel, Kh., Zippel, R., Loze, R. Friction characteristics of non-metallic machine tool slide-ways 1-3937
- Brener, E.A., Satunkin, G.A., Tatarchenko, V.A. Some aspects of the macroscopic theory of oriented crystallization from the melt. IV. The floating zone techniques 1-7099
- Brener, E.A., Tatarchenko, V.A. Some aspects of the macroscopic theory of oriented crystallization from the melt. I. A general formulation of the problem 1-7096
- Brener, E.A., Tatarchenko, V.A. Some aspects of the macroscopic theory of oriented crystallization from the melt. II. The Czochralski and Stepanov growth techniques 1-7097
- Brener, E.A., Tatarchenko, V.A. Some problems in the microscopic theory of directional crystallization from the melt with capillary shaping 1-30106
- Brener, E.A. see Borodin, V.A. 1-7098
- Brener, N.E., Fry, J.L. Time-dependent Hartree-Fock dielectric function for the uniform electron gas 1-7546
- Brener, R. see Schechter, H. 1-16176
- Bregle, T.A. see Cohen, N.I. 1-7001
- Brenier, A. Mesure de la section efficace différentielle de diffusion élastique pp à 100 GeV/c à faible transfert (Mesurement of the differential cross section of the antiproton-proton elastic reaction at 100 GeV/c with momentum transfer 1-50467)
- Brenna, D. see Sigmond, R.S. 1-21651
- Brennan, J.G. see Simons, D.G. 1-35419
- Brennan, M.H., Sawley, M.L. Re-ionization of a partially ionized plasma by an Alfvén wave of moderate amplitude 1-6947
- Brennan, S., Stohr, J., Jaeger, R., Rowe, J.E. Core-level binding-energy shifts due to reconstruction on the Si(111) 2X1 surface 1-16659
- Brennan, S. see Jaeger, R. 1-52421
- Brennan, S. see Stohr, J. 1-26306, 1-28915
- Brenner, D.M. Near resonant vibration-vibration energy transfer under single collision conditions 1-41478
- Brenner, D.S., Chrien, R.E., Gill, R., Stelts, M. Recent developments at the TRISTAN on-line mass separator 1-10581
- Brenner, H. see Davis, A.M.J. 1-51859
- Brenner, H.C. see Levinsky, H.B. 1-47975
- Brenner, J.F., Lester, J.M., Selles, W.D. Scene segmentation in automated histopathology: techniques evolved from cytology automation 1-35863
- Brenner, K.-H. see Bartelt, H. 1-41596
- Brenner, L.M. see Menzel, J.H. 1-23838
- Brenner, U., Kreye, H., Baumgardt, H. Embrittlement phenomena in marinoalloyed steels and their influence on the welding behaviour under extreme conditions 1-43472
- Brenot, J.C., Fayeton, J.A., Houver, J.C. Fast multichannel time correlator for coincidence experiments in atomic physics 1-41284
- Brentano, P. von see von Brentano, P.
- Brentano, P. von see von Brentano, P.
- Brenton, A.G. see Mendez Amaya, A. 1-1170
- Brenton, A.G. see Porter, C.J. 1-1171
- Brenzikofer, R. see de Billy, L. 1-23512
- Brenzikofer, R. see Juliao, J.F. 1-16358
- Brepta, R., Klimszova, J., Vales, F. State of stress in thin strips due to a frontal longitudinal impact 1-1855
- Bretonnet, M.G., Shah, S. A configurational phase transition induced by topological entanglements between long chain molecules 1-44866
- Breschi, R., Camanzi, A., Fano, V., Olivi, A. Sintered lead telluride 1-16746
- Breskin, A., Chrapak, G., Majewski, S., Melchart, G., Peisert, A., Sauli, F., Mathy, F., Petersen, G. High flux operation of the gated multistep avalanche chamber 1-23958
- Breslin, A. see Allasia, D. 1-23495
- Breslin, J.T. see Rothwarf, F. 1-25930
- Bressani, T. see Stanovnik, A. 1-23950
- Bressler, S.L., Freeman, W.J. Frequency analysis of olfactory system EEG in cat, rabbit, and rat 1-32150
- Bresson, J. Acquisition and treatment of acoustical data: application to marine sediment analysis 1-27310
- Bretagnon, P. Discussion of the results of planetary theories 1-40336
- Bretagnon, P., Chapront, J. Construction and precision of new planetary theories 1-44418
- Brethous, J.C. see Levasseur, A. 1-7376
- Bretin, L. see Pressouyre, G.M. 1-43532
- Bretonnet, J.L. see Bath, A. 1-30706
- Bretscher, M.M., Snelgrove, J.L., Cornella, R.J. Neutronic performance of a 14-MW TRIGA reactor LEU vs. HEU fuel 1-50863
- Brettel, R., Lamprecht, I., Scharaschmidt, B. Microcalorimetric investigations of the metabolism of yeasts. VII. Flow-calorimetry of aerobic batch cultures 1-48971
- Bretthauer, E.W., Grossman, F., Efur, W., Douglas, G., Bunce, L., Bills, M. The Environmental Protection Agency's radiation monitoring and surveillance activities during the purging of Three Mile Island Unit 2 1-45742
- Bretz, N. see Meservy, E.B. 1-24992
- Bretzloff, C.I. see Jarvis, R.G. 1-45720
- Breuer, G. Contributions to the time-independent theory of Rayleigh scattering in liquids. I. Fluctuation of the anisotropic internal field caused by density fluctuations and its influence upon the isotropic scattering 1-26223
- Breuer, H., Wagner, G.J., Knopfle, K.T., Mairle, G., Doll, P. Charged particle decay of hole states in ¹⁶O 1-14445
- Breuer, H., Wolf, K.L., Glagola, B.G., Kwiatkowski, K.K., Mignerey, A.C., Viola, V.E., Wilcke, W.W., Schroder, W.U., Huizenga, J.R., Hilscher, D., Birkelund, J. Production of neutron-excess nuclei in ⁵⁶Fe-induced reactions 1-23674

- Breuer, H. see Back, B.B. 1-14561
- Breuer, H.F. see Hilscher, D. 1-50639
- Breuer, N., Janssen, H.K. Equation of state and dynamical properties near the Yang-Lee edge singularity 1-32940
- Breuer, R. Plasma physics—a surprise from Wendelstein 1-2153
- Breuer, R.A., Ehlers, J. Propagation of high-frequency electromagnetic waves through a magnetized plasma in curved space-time. II. Application of the asymptotic approximation 1-29880
- Breuer, R.A., Rosenbaum, M., Ryan, M.P., Jr. Gravitational/electromagnetic conversion scattering on fixed charges in the Born approximation 1-44815
- Breuer, V.W., Dyhr, R., Strickrodt, J. Long-term heat storage prototype Wolfsburg 1-43809
- Breunlich, W.H. Muon capture in hydrogen isotopes 1-51321
- Breusov, O.N. see Scherbakova, L.G. 1-39598
- Brew, J.S. see Warn, A.E. 1-35723
- Brewer, A.W. see Beitscher, S. 1-8392
- Brewer, D.A., Schug, J.C., Phillips, D.H. Ab initio projected-unrestricted Hartree-Fock calculation of some potential energy curves for carbonyl fluoride 1-26757
- Brewer, D.F. Some experiments with liquid helium 1-11936
- Brewer, D.F. see Dahm, A.J. 1-16132
- Brewer, D.F. see Truscott, W.S. 1-2752
- Brewer, J.A., Oliver, J.E. Seismic reflection studies of deep crustal structure 1-13622
- Brewer, J.D., Jeffries, B.T., Summers, G.P. Low-temperature fluorescence in sapphire 1-26269
- Brewer, L., Lamoreaux, R.H. Thermochemical properties [molybdenum compounds and alloys] 1-21
- Brewer, L., Lamoreaux, R.H. Phase diagrams molybdenum binary systems 1-22
- Brewer, L., Winn, J.S. Models for calculation of dissociation energies of homonuclear diatomic molecules 1-41518
- Brewer, R. see Webb, A.P. 1-24997
- Brewer, R.J. see Bruce, C.W. 1-49356
- Brewer, R.M., Nicol, M. Energy transfer from Ce^{3+} to Nd^{3+} in pentaphosphate crystals 1-26259
- Brewer, W.H., Hula, R., Minns, M.A., Schwartz, M.H. FUELMACS—a computer-based nuclear fuel management and accounting system 1-1050
- Brewis, D.M. see Briggs, D. 1-21613
- Brey, H.L., Olson, H.G., Swart, F.E., Alexander, D.R. Comparison of radioactive materials released from the Fort St. Vrain HTGR and LWRs 1-50788
- Brey, H.L. see Olson, H.G. 1-36987, 1-36988, 1-37008, 1-37009
- Breysacher, J. Spectral classification of Wolf-Rayet stars in the Large Magellanic Cloud 1-49536
- Breysacher, J., Perrier, C. New photoelectric observations of the Wolf-Rayet star HD 5980 in the Small Magellanic Cloud 1-13808
- Brezgunov, M.M., Petrov, A.E. Ferromagnetic resonance in the manganese-zinc ferrites with a small amount of cobalt 1-16485
- Brezin, E., Gross, D.J. The external field problem in the large N limit of QCD 1-18438
- Brezina, B. see Hegenbarth, E. 1-20485
- Brezonik, P.L., Egerton, E.S., Hendry, C.D. Acid precipitation and sulfate deposition in Florida 1-4232
- Brezonik, P.L. see Hendry, C.D. 1-4566
- Brezovich, I.A., Young, J.H. Hyperthermia with implanted electrodes 1-40023
- Briancon, Ch. see Simon, R.S. 1-23549
- Briand, H. see de Billy, L. 1-23512
- Briand, J.P., Chevallier, P., Chetoui, A., Rozet, J.P., Tavernier, M., Touati, A. Correlation effects in double-K-vacancy production 1-24095
- Briand, J.P., Rozet, J.P., Chevallier, P., Chetoui, A., Tavernier, M., Touati, A. Double K-vacancy production during nuclear electron capture of ^{20}Bi 1-23607
- Briano, J.G., Glandt, E.D. Fifth virial coefficient for the Lennard-Jones fluid in two dimensions. Integral-equation results 1-11652
- Briano, J.G., Glandt, E.D. The rate of convergence of the virial and related series 1-42117
- Briant, C.L. The effects of sulfur and phosphorus on the intergranular corrosion of 304 stainless steel 1-39516
- Briant, C.L., Messmer, R.P. Electronic effects of sulphur in nickel. A model for grain boundary embrittlement 1-20654
- Briant, C.L., Ritter, A.M. The effects of deformation induced martensite on the sensitization of austenitic stainless steels 1-43605
- Briant, C.L. see Devine, T.M. 1-26673
- Briant, C.L. see Mulford, R.A. 1-21453
- Briat, B. Anisotropy of the transverse Zeeman effect and magnetic linear dichroism 1-48044
- Briat, B. see Brun, A. 1-16435
- Briat, B. see Johnstone, I.W. 1-3414
- Briatore, L., Elisei, G., Longhetto, A. Local air circulations over a complex coastal site: a comparison among field surveys, hydraulic- and mathematical-model data 1-32507
- Bribach, J. see Hurtig, E. 1-40199
- Bribes, J.-L. see Monan, M. 1-24151
- Brice, D.K. see Doyle, B.L. 1-25301
- Brice, D.K. see Roth, J. 1-25303
- Brice, J.C. Phase diagrams of electronic materials 1-7294
- Brice, J.C. see Hollan, L. 1-39241
- Bricheno, T. see Davies, I.G. 1-11170
- Brick, A.B., Matyash, I.V., Ishchenko, S.S. Enhancement of magnetization of a paramagnet by an alternating electric field 1-30910
- Brickman, R. see Eberhardt, W. 1-48220
- Bricknell, R.H., Melton, K.N. Thin foil electron microscope observations on NiTiCu shape memory alloys 1-12744
- Bricman, C. see Davidov, V.A. 1-1023
- Bricmont, J., Fontaine, J.-R., Lebowitz, J.L., Lieb, E.H., Spencer, T. Lattice systems with a continuous symmetry. III. Low temperature asymptotic expansion for the plane rotator model 1-40717
- Bricmont, J., Fontaine, J.-R., Lebowitz, J.L., Spencer, T. Lattice systems with a continuous symmetry. I. Perturbation theory for unbounded spins 1-27885
- Bricmont, J., Fontaine, R., Lebowitz, J.L., Spencer, T. Lattice systems with a continuous symmetry. II. Decay of correlations 1-32921
- Bricmont, J., Lebowitz, J.L., Pfister, C.E. Low temperature expansion for continuous-spin Ising models 1-25857
- Bricmont, J., Lebowitz, J.L., Pfister, C.E. Periodic Gibbs states of ferromagnetic spin systems 1-42969
- Bricout, J.P., Missiaen, R., Moriametz, Cl. Study of the susceptibility of hydrogen of a work hardened stainless steel with $\alpha+\gamma$ structure 1-31606
- Briden, J.C. see Morgan, G.E. 1-49204
- Bridenbaugh, P.M. see Asnes, D.E. 1-48115
- Bridenbaugh, P.M. see Rice, C.E. 1-48033
- Bridet, J., Odiet, S., Fliszar, S. Molecular dynamics of ammonia crystal. Ab initio SCF calculation of the electronic energy 1-12055
- Bridges, D.L. see Bebek, C. 1-33191
- Bridges, D.L. see Chadwick, K. 1-33192
- Bridges, F. Sign of the effective tunneling parameters in paraelectric systems 1-43081
- Bridges, F. see Shaw, R.S. 1-26152
- Bridges, P.M. see Batson, R.M. 1-44479
- Bridges, R.E. see Cowley, J.M. 1-44060
- Bridgewater, A.N. see Temple, W. 1-52165
- Bridgwater, D. see Griffin, W.L. 1-13420
- Bridle, A.H., Henriksen, R.N., Chan, K.L., Fomont, E.B., Willis, A.G., Perley, R.A. Collimation of the radio jets in 3C 31 1-44633
- Bridwell, L.B. see Alton, G.D. 1-46104
- Bridwell, L.B. see Shea, J.H. 1-25042
- Bridwell, R.J. see Baldrige, W.S. 1-32394
- Briegleb, M., Hese, A., Renn, A., Sodeik, A. The dipole moment of LiH in the electronically excited $A^2\Sigma^+$ state 1-29141
- Briegleb, M., Hese, A., Renn, A., Sodeik, A. The dipole moment on NaH in the electronically excited $A^2\Sigma^+$ state 1-46166
- Briehl, R.W. Solid-like behaviour of unheated sickle haemoglobin gels and the effects of shear 1-26932
- Briehl, R.W. see Herzfeld, J. 1-39636
- Brier, P.N. see Balicki, B. 1-45943
- Brievingh, R.P. van Wijk van van Wijk van Brievingh, R.P.
- Briggs, A., Airey, R., Edwards, B.C. A double torsion fracture mechanics and Auger electron spectroscopy approach to the study of stress corrosion cracking in low alloy steels 1-39527
- Briggs, B.H. Radar observations of atmospheric winds and turbulence: a comparison of techniques 1-27299
- Briggs, D., Zichy, V.J.I., Brewis, D.M., Comyn, J., Dahm, R.H., Green, M.A., Konieczko, M.B. X-ray photoelectron spectroscopy studies of polymer surfaces. IV. Further studies of the chromic acid etching of low density polyethylene 1-21613
- Briggs, D. see Cudby, M.E.A. 1-18353
- Briggs, D.C. see Peterson, D.G. 1-48864
- Briggs, D.C. see van Ommering, G. 1-48825
- Briggs, J.S. A symmetric impulse approximation for charge exchange 1-24242
- Briggs, J.S., Day, M.H. The structure of the doubly differential cross section for electron loss to low-lying continuum states of the projectile in fast ion-atom collisions 1-24217
- Brigham, G., Glass, B. Present status in flextonal transducer technology 1-11280
- Bright, A.W. see Hughes, J.F. 1-27025
- Bright, A.W. see Lees, P. 1-24312
- Bright, P.F. see Crowson, R.J. 1-41999
- Briginevich, V.A. see Kirichok, P.P. 1-7190
- Briginshaw, A.J. Causality and the group structure of space-time 1-62
- Brigos, J.P. Garcia see Garcia Brigos, J.P.
- Brik, V.B., Gorski, V.V., Larikov, L.N., Fal'chenko, V.M. Influence of Ag layer on the kinetics of mutual diffusion on welding Fe to Al 1-16091
- Brikker, I.N., Pryanishnikov, B.A., Simonov, V.D., Yudanov, B.V. Logarithmic inversion model of reactor kinetics and its approximation 1-28530
- Brilingas, A. see Valiukenas, V. 1-47230
- Brill, D.R., Cavallo, J.M., Isenberg, J.A. K-surfaces in the Schwarzschild space-time and the construction of lattice cosmologies 1-32780
- Brill, D.R., Pong Soo Jang The positive mass conjecture 1-18094
- Brill, J.P. see Sylvester, N.D. 1-46814
- Brill, J.W., Ong, N.P., Eckert, J.C., Savage, J.W., Khanna, S.K., Somoano, R.B. Impurity effect on the Frohlich conductivity in NbSe₃ 1-47625
- Brill, O.D. see Vorob'ev, E.I. 1-28715
- Brilla, J. Stability of viscoelastic shallow shells 1-6799
- Brillard, L. see Hussonnois, M. 1-12648
- Brillet, A. see Cerez, P. 1-11050, 1-36612
- Brillet, A. see Man-Pichot, C.N. 1-15157
- Brillet, L., Safranova, U.I., Safranova, A.S. Theoretical study of intrashell transitions in F-like ions 1-1086
- Brillet, W.-U.L., Gallagher, A. Inert-gas collisional broadening and shifts of Rb Rydberg states 1-1179
- Brillon, L.J., Brucker, C.F., Margaritondo, G., Slowik, J., Stoffel, N.G. Photoemission studies of atomic redistribution at compound semiconductor interfaces 1-52440
- Brillon, L.J., Kruger, D.W. Photovoltage saturation and recombination at Al-GaAs interfacial layers 1-38814
- Brillon, L.J., Margaritondo, G., Stoffel, N.G., Bauer, R.S., Bachrach, R.Z., Hansson, G. Measurements and modulation of atomic interdiffusion at Au-Al/GaAs (110) interfaces 1-16103
- Brillon, L.J. see Bauer, R.S. 1-38674
- Brillon, L.J. see Duke, C.B. 1-42612
- Brillon, L.J. see Gopel, W. 1-16364
- Brillon, L.J. see Margaritondo, G. 1-38600
- Brimblecombe, P., Pitman, J. Long-term deposit at Rothamsted, southern England 1-8782
- Brimhall, J.L., Wang, R., Kissinger, H.E. Annealing behaviour of amorphous μ -phase alloys of FeW and MoCo 1-12766
- Brinati, J.R., Bund, G.W. The method of contour rotations and the three particle amplitudes 1-5761
- Brinca, A.L. On the evolution of the geomagneto-spheric coherent cyclotron resonance in the midst of noise 1-9330
- Brinca, A.L. On the effect of parallel electric fields on chorus 1-36099
- Brindley, G.W. Varieties of order and disorder in layer silicates 1-38338
- Brindza, P. see Rode, C. 1-45769
- Bringsas, R.D. Electron energy band shapes from angular dependent electron energy loss spectroscopy 1-47426
- Bringsas, R.D., Liang, W.Y. Energy bands of the cadmium halides from electron energy loss spectroscopy 1-47464
- Bringsas, R.D., Liang, W.Y. Semiconductor band structure information from angular dependent electron energy loss measurements 1-48201
- Bringsas, R.D. see Hochst, H. 1-47458, 1-48234
- Brink, D.J. see Schmieder, D. 1-46296
- Brink, D.M. Deep inelastic scattering of heavy ions 1-14551
- Brink, D.M., Satchler, G.R. The role of the attractive nuclear potential in determining reaction cross sections 1-23670
- Brink, H.M. Ten see Ten Brink, H.M.
- Brink, K.H. Propagation of barotropic continental shelf waves over irregular bottom topography 1-17608
- Brinker, C.J., Klein, L.C. Behaviour of silicate and borosilicate glasses in contact with metallic sodium. I. Sodium silicate glasses 1-20479
- Brinkley, D.J. Vibration transducer calibration techniques 1-6835
- Brinkley, D.J. Calibrating vibration transducers 1-44878
- Brinkmann, H. Some aspects of the X-ray spectroscopy of solids 1-12596
- Brinkmann, W.F. see Coppersmith, S.N. 1-42634
- Brinkmann, K., Richter, U. Damping and acoustic sealing effects in the headphones DT 48 1-46646
- Brinkmann, P.W., Reimann, J. Efficient thermal cycling of solar panels in solar simulation facilities with a multi-panel test rig 1-39802
- Brinkmann, R.T., Trajmar, S. Effective path length corrections in beam-beam scattering experiments 1-33559
- Brinkmann, U., Kluge, J. Diagnostics of gasdynamic jets by means of laser-induced fluorescence. Spatially resolved velocity, density and temperature distribution 1-21816
- Brinkmann, U., Kluge, J. Metastable atoms in gasdynamic jets. Laser diagnostics and studies for molecular electronic transition lasers 1-41680

- Brinkmann, U., Kluge, J., Pippert, K. Metastable atoms in gasdynamic and atomic beams: velocity distribution and state density by laser diagnostics 1-6407
- Brinkmann, W. A. Model for 4U 1700-37 1-54549
- Brinton, H.C., Taylor, H.A., Jr., Niemann, H.B., Mayr, H.G., Nagy, A.F., Cravens, T.E. Venus nighttime hydrogen budget 1-36205
- Brinton, H.C. see Wharton, L.E. 1-9316
- Briony, R.J., Grundon, F.R., Markgraf, A.J. Fine line measurement system for a scanning electron microscope 1-18330
- Brown, C.E., Hitchcock, A.P. Electron scattering experiments with hydrogen fluoride—is it really HF? 1-19182
- Brown, C.E., Hood, S.T., Suzuki, I.H., Weigold, E., Williams, G.R.J. Momentum distributions and ionization potentials for the valence orbitals of hydrogen fluoride and hydrogen chloride 1-6317
- Brown, C.E. see Suzuki, I.H. 1-1392
- Brown, J.P. de see de Brion, J.P.
- Brown, J.P. de see De Brion, J.P.
- Brownes, R.A. Particle holography at extended distances and μ resolutions 1-15124
- Brioschi, C., Coghe, A., Ghezzi, U. Particle sizing by Mic scattering 1-40759
- Briot, R. see Ballard, B. 1-36701
- Briotta, D.A., Jr. see McCarthy, J.F. 1-49835
- Brisbin, W.C., Green, A.G. Gravity model of the Alnau batholith, northwestern Ontario 1-35951
- Briscoe, B.J., Smith, A.C. The effect of periodic loading on the shear strength properties of thin organic polymeric films 1-31668
- Briska, M., Metzger, G., Thiel, K.P. Visualization and determination of arsenic doping inhomogeneities on silicon wafer surfaces 1-7199
- Briska, M., Schmitt, A., Wagner, H. Apparatus and method for determining the carbon content in silicon wafers 1-5364
- Brissaud, I. see Quentin, P. 1-18554
- Brissaud, M., Kleimann, H. A theoretical study of the influence of the anisotropy of a material on the standardisation of wedge transducers 1-11275
- Brisson, A. see Wade, R.H. 1-53942
- Brisson, C., Durand, M., Jugie, G., Padeloup, M. 35-Cl nuclear quadrupole resonance spectra in diazepam and its 1:1 complex with chloral hydrate 1-10757
- Bristow, G.K. see Smith, T.F. 1-25955
- Bristow, P.D., Brokman, A., Balluffi, R.W., Spaepen, F. Simulation E of the structure of vacancies in high angle grain boundaries 1-2434
- Bristowe, P.D., Brokman, A. On the volume dependence of computed grain boundary energy 1-15906
- Bristowe, P.D. see Brokman, A. 1-52152
- Britan, A.B., Serikov, R.I., Starik, A.M., Khalilov, V.M. Experimental investigation of the flow of a vibrationally nonequilibrium gas in a profiled nozzle 1-37989
- Britan, A.B., Zhilin, Y.V., Mazmanyan, A.P. Experimental investigation of the starting of a wedge-shaped nozzle of a large-diameter shock tube 1-19778
- Brito Cruz, C.H. see Scalabrini, A. 1-46293
- Britov, A.D. see Kolosnikov, V.G. 1-14957
- Britov, N.A. Stationary approximation in theory of flows generated by travelling field 1-15554
- Britsina, T.Ya. see Kolombet, V.A. 1-39871
- Britt, E.J. see Smith, M.D. 1-53639
- Britt, H.C. Experimental survey of the potential energy surfaces associated with fission 1-50673
- Britt, H.C. see Christensen, P.R. 1-18663
- Brittain, L., O'Mahoney, R., Green, C., Oliver, M. TRAC experience at Winfrith 1-33332
- Brittain, J.O. see Okimura, H. 1-12216
- Brittain, R., Powell, D., Kreglewski, M., Vala, M. The magnetic circular dichroism spectrum of matrix-isolated TaO 1-29010
- Brittenham, G.M. see Farrell, D.E. 1-8940
- Britter, R. The ground level extent of a negatively buoyant plume in a turbulent boundary layer 1-13197
- Britter, R.E. see Simpson, J.E. 1-22459
- Brittingham, J.C. Fictitious materials for imposing boundary conditions along irregular surfaces 1-45576
- Brittingham, J.N. Devices for launching 0.1-g projectiles to 150 km/s or more to initiate fusion. I. Magnetic-gradient and electrostatic accelerators 1-889
- Britton, D. Geometric constraints on the distortion of planar rings 1-19204
- Britton, D., Dunitz, J.D. Recognition and use of systematically aberrant phase relationships 1-34193
- Britton, N.F. see Duffy, M.R. 1-50077
- Brix, P., Ingwersen, H., Jaeschke, E., Repnow, R. Linear accelerators and tandem-Van-de-Graafs: tools of heavy ion research 1-972
- Brixner, B. Lens design and local minima 1-41805
- Brixner, L.H. On the structural and luminescent properties of the $\text{ScTa}_{1-x}\text{Nb}_x\text{O}_4$ system 1-13972
- Brixner, L.H., Bierlein, J.D., Johnson, V. Eu^{2+} fluorescence and its application in medical X-ray intensifying screens 1-9014
- Brizgalov, V. see Barth, M. 1-41018
- Broadbeck, T., Seibt, E. Take-off and recovery current behaviour of copper stabilized NbTi 1-42903
- Broadbent, S. see Imamura, M.S. 1-53622
- Broadbridge, P., Hurst, C.A. Existence of a complex structure for quadratic Hamiltonians? 1-49961
- Broadfoot, A.L. see Holberg, J.B. 1-49652
- Broadfoot, A.L. see McConnell, J.C. 1-22714
- Broadhead, B.L., Wagschal, J.J. The ISNF: a new CSEWG dosimetry benchmark (computational problems and their solution) 1-50968
- Broadhead, B.L. see Ryskamp, J.M. 1-50858
- Broadhurst, A.D. An acoustic telescope for architectural acoustic measurements 1-29485
- Broadhurst, M.G., Davis, G.T. Ferroelectric polarization in polymers 1-39041
- Broadway, J.A. see Chambless, D.A. 1-45804
- Brobjør, J.T., Murrell, J.N. A comparison of the multipole-expansion and point-charge models of the electrostatic energy between polar diatomic molecules 1-37285
- Brocard, D.N., Harleman, D.R.F. Two-layer model for shallow horizontal convective circulation 1-1968
- Brocas, J. Classification of rearrangement mechanisms and dynamic stereochemistry 1-41513
- Brocas, J., Fastenakel, D., Buschen, J. On the spectroscopic consequences of different tunnelling mechanisms in non-rigid RPF_4 molecules ($\text{R}=\text{CF}_3$) 1-33447
- Brochard, F. Polymer networks swollen by a homopolymer solution 1-52044
- Brochard, F., De Gennes, P.G. Collapse of one polymer coil in a mixture of solvents 1-38232
- Brochard, F. see McClelland, J.B. 1-28485
- Brochard-Wyart, F. Flexible polymers in solution in a nematic: limit of strong perturbations 1-15784
- Brochet, A. see Pearsall, T.P. 1-45013
- Brochet, J. Numerical computation of 3-D transonic internal flows 1-42063
- Brock, C.P., Lingafelter, E.C. Common misconceptions about crystal lattices and crystal symmetry 1-13963
- Brock, I. see Brandelik, R. 1-23527
- Brock, I.C. see Brandelik, R. 1-23510, 1-50411
- Brock, J.C. see Burns, A.R. 1-6321
- Brock, J.R. see Back, S.H. 1-11854
- Brock, L.M. The non-uniform motion of a thin smooth rigid wedge into an elastic half-plane 1-19647
- Brock, L.M. Sliding and indentation by a rigid half-wedge with friction and displacement coupling effects 1-24757
- Brock, L.M. The effects of displacement discontinuity derivatives on wave propagation. I. Three-dimensional elastic solid 1-29593
- Brock, R. see Winsch, I.O. 1-23828
- Brocker, W., Pfefferkorn, G. Bibliography on cathodoluminescence. II 1-17966
- Brocker, W. see Pfefferkorn, G. 1-18339
- Brockett, R.W. Stochastic realization theory and Planck's law for black body radiation 1-50056
- Brockley, R.S. see Das-Gupta, D.K. 1-7996
- Brockman, H.L., Jarvis, C.M., Schwabke, C.J., Smaby, J.M., Davis, D.E. Application of a microcomputer-controlled film balance system to collection and analysis of data from mixed monolayers 1-32967
- Brockman, P. see Dankowycz, J.A. 1-50460
- Brockman, R.H., Russell, G.J. Density of states for cleaved Si (111) from $\text{L}_{1,2}\text{V}$ and $\text{L}_{2,3}\text{VV}$ Auger spectra 1-34760
- Brockman, S.R. see Zoback, M.D. 1-35959
- Brockmann, C., Fahrback, E., Huyer, A., Smith, R.L. The poleward undercurrent along the Peru coast: 5 to 15°S 1-54094
- Brockmann, R., Jennings, B.K., Rockmore, R. True P-wave pion absorption near threshold in pion-nucleus scattering 1-28500
- Brockmann, R., Weise, W. Relativistic single particle motion and spin-orbit coupling in nuclei and hypernuclei 1-50540
- Brockmann, R. see Beyer, M. 1-12454
- Brockmeyer, H.-J. see Mattes, R. 1-34314
- Brocksch, H.-J., Everts, H.U., Muller-Krumbhaar, H. Commensurate-incommensurate transition: on the coupling between phase solitons and strain 1-42508
- Brockway, G.S., Mahr, P.F., Santana, M.R. An analysis of the environmental behavior of fiber-optic ribbons [cable design] 1-11160
- Broda, E. Utilization of solar radiation for water photolysis 1-8773
- Broda, R. see Daly, P.J. 1-23550
- Broda, R. see Kleinrahm, A. 1-10318
- Brodebeck, C., Bouanich, J.-P., Figueire, P., Szwarc, H. Simultaneous infrared transitions in N_2+SF_6 mixtures 1-37189
- Brodebeck, C., Rossi, I., Strapelias, H., Bouanich, J.-P. Infrared spectral absorption intensities in the ν_3 and ν_4 regions of SF_6 1-28966
- Brodebeck, C.M. Investigations of g-value correlations associated with the $g=4.3$ ESR signal of Fe^{3+} in glass 1-3243
- Brodebeck, T. see Adamovich, M.I. 1-45317
- Brodebeck, T. see Fiorino, A. 1-50583
- Brodebeck, T.J. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Broddin, G., Cautreels, W., Van Cauwenberghe, K. On the aliphatic and polyaromatic hydrocarbon levels in urban and background aerosols from Belgium and the Netherlands 1-17327
- Brodersen, S. see Kauppinen, J. 1-10728
- Brodersen, A.B. Statistical and energy-averaged metrics for community noise assessments 1-15345
- Brodie, D.E. see Enns, D.I. 1-20720
- Brodie, D.E. see Mindorf, M.S. 1-52569
- Brodie, I., Gutcheck, R.A., Mooney, J.B. Charge transfer radiography using cadmium sulfide 1-43973
- Brodimas, G. see Jannussis, A. 1-36527
- Brodimas, G.N. see Jannussis, A. 1-49971
- Brodin, J., Flourens, A., Pham, V.V., Sinnace, C. Contribution to the study of nocturnal radiation very near the ground: effect of a circular screen 1-15372
- Brodin, M. see Borshch, A. 1-15227
- Brodin, M.S., Budnik, P.I., Vitrikhovskii, N.I., Matsko, M.G. Bose-condensed excitation phase and range of its existence in $\text{Zn}_x\text{Cd}_{1-x}\text{Se}$ crystals 1-30647
- Brodin, M.S., Volovik, N.V., Reznichenko, V.Ya. Emission by electron-hole droplets and electron-hole plasma in mixed $\text{Cp}_{\text{S}_{1-x}}\text{Se}_x$ crystals 1-12556
- Brodin, M.S. see Borshch, A.A. 1-8036, 1-33640
- Brodman, M.L. see McNamee, J.E. 1-27019
- Brodman, H. see Neubauer, A. 1-35498
- Brody, I.G. see Esin, V.O. 1-25599
- Brodovoi, A.V. see Fal'kovskii, A.A. 1-42944
- Brodrov, V.A., Mirets, L.Z., Peka, G.P. Capture of holes by chromium impurity centers in semi-insulating gallium arsenide 1-25760
- Brodersky, H., Yok Siang Oei, Schaller, H.-J. Thermodynamic properties of Pd-Cd alloys 1-8279
- Brodski, Yu.Ya., Zharov, A.A., Nechuyev, S.I., Slutskiy, Ya.Z. Generation of a quasi-static magnetic field in plasma by an intense EM wave 1-46893
- Brodski, S.M., Mamikonyan, S.V., Filatov, V.I. X-ray fluorescence analysis of uranium in water with radioisotopic α sources 1-5912
- Brodski, M.B. see Richter, L. 1-12630
- Brodski, M.H. Quantum well model of hydrogenated amorphous silicon 1-7510
- Brodski, M.H. see Hvam, J.M. 1-38811, 1-52601
- Brodski, M.H. see Scott, B.A. 1-26392
- Brodski, M.H. see Solomon, I. 1-3007
- Brodski, S.J., Drell, S.D. Anomalous magnetic moment and limits on fermion substructure 1-14390
- Brodski, S.J., Lepage, G.P. The synthesis of quantum chromodynamics and nuclear physics 1-50379
- Brodski, S.J., Lepage, G.P., Zaidi, S.A.A. Weak and electromagnetic form factors of baryons at large momentum transfer 1-50435
- Brodski, S.J. see Lepage, G.P. 1-14346
- Brodrin, M. see Wong, T. 1-2690, 1-34981
- Brody, A. see Bebek, C. 1-33191
- Brody, A. see Chadwick, K. 1-33192
- Brody, T.A. see Jimenez, J.L. 1-9801
- Brody, W. see Lehmann, L. 1-43970
- Brody, W. see Yeh, P.S. 1-22117
- Brody, W.R. see Buonocore, M.H. 1-53866
- Brody, W.R. see Nassi, M. 1-53868
- Brodyak, Ya.P. see Krokhmal'nyi, A.M. 1-26678
- Brodzeli, M.I. see Bakhrudarov, E.M. 1-33636
- Brodzeli, M.I. see Gilek's, A.M. 1-24374
- Brodzinski, R.L. In situ radiation measurements and instrumentation for monitoring nuclear waste storage facilities 1-805
- Broecker, W.S. The distribution of ^3He anomalies in the deep Atlantic 1-4540
- Broecker, W.S., Peng, T.-H. The distribution of bomb-produced tritium and radiocarbon at GEOSECS station 347 in the eastern North Pacific 1-4534
- Broecker, W.S., Takahashi, T. Hydrography of the Central Atlantic. III. The North Atlantic deep-water complex 1-32445
- Broecker, W.S., Takahashi, T., Stuiver, M. Hydrography of the central Atlantic. II. Waters beneath the two-degree discontinuity 1-13463
- Broecker, W.S., Toggweiler, J.R., Takahashi, T. The Bay of Bengal—a major nutrient source for the deep Indian Ocean 1-4539
- Broecker, W.S., Tsung Hung Peng, Takahashi, T. A strategy for the use of bomb-produced radiocarbon as a tracer for the transport of fossil fuel CO_2 into the deep-sea source regions 1-4535

- Broecker, W.S., Taung-Hung Peng Seasonal variability in the $^{13}\text{C}/^{12}\text{C}$ ratio for surface ocean water 1-35998
- Broecker, W.S. *see* Sarmiento, J.L. 1-4530
- Broek, P.M. *van den see van den Broek, P.M.*
- Broek, P.M. *Van Den see Van Den Broek, P.M.*
- Broer, R., Nieuwpoort, W.C. Broken orbital-symmetry and the description of hole states in the tetrahedral $[\text{CrO}_4]^{4-}$ anion. I. Introductory considerations and calculations on oxygen 1s hole states 1-38740
- Broer, R. *see de Brouckere, G.* 1-24031
- Broers, A.N., Spiller, E. A comparison of high resolution scanning electron micrographs of metal film coatings with soft X-ray interference measurements of the film roughness 1-23169
- Broers, A.N. *see* Echlin, P. 1-16689
- Broers, G.H.J. *see* Cahen, H.T. 1-34512, 1-34513
- Broerse, J.J. Neutron dosimetry intercomparisons: evaluation and implications for future developments 1-49130
- Broerse, J.J. *see* Zoetelief, J. 1-23864
- Broggi, A., Joels, R., Mertel, G., Morbello, M. A method for the technico-economic evaluation of chemical processes—improvements to the 'OPTIMO' code 1-32053
- Brogia, M. *see* Benetti, P. 1-935, 1-45906
- Brogia, R.A., Dasso, C.H., Esbensen, H., Vitturi, A., Winther, A. Excitation of giant resonances in intermediate energy heavy-ion reactions 1-686
- Brogia, R.A., Dasso, C.H., Esbensen, H., Winther, A. Stability of a di-nuclear system at high angular momentum 1-23696
- Brogia, R.A., Esbensen, H., Dasso, C.H. On the spectroscopy of coherent states 1-14552
- Brogia, R.A., Matsuyana, K., Sofia, H., Vitturi, A. Nuclear field theory treatment of complex nuclear spectra 1-10342
- Brohan, L. *see* Marchand, R. 1-3645
- Brojeny, A.A. Babai *see* Babai Brojeny, A.A.
- Broks, M.E., Kaverin, S.G., Klyavin, Y. Ya., Trakhtenberg, B.F., Shmits, Ya.R., Yakubovich, E.A. Study of Al alloy slab solidification at continuous casting in the electromagnetic mould 1-48340
- Brokken-Zijp, J.C.M., de Groot, M.S. The kinetics of chemical reactions in ferrous-thionine photogalvanic solutions 1-17029
- Brokken-Zijp, J.C.M., de Groot, M.S., Hendriks, P.A.J.M. A comparison between theory and experiment for the ferrous-thionine photogalvanic cell 1-39769
- Brokman, A., Bristowe, P.D., Balluffi, R.W. Atomistic faceting of asymmetric tilt boundaries 1-52152
- Brokman, A., Weger, M., Marom, G. Electrical conductivity of halogen doped stabilized polyacrylonitrile 1-25733
- Brokman, A. *see* Bristowe, P.D. 1-2434
- Brokman, A. *see* Bristowe, P.D. 1-15906
- Broll, C. *see* Alkofer, O.C. 1-45773
- Broll, C. *see* Aubert, J.J. 1-5630
- Broll, C.H. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Broley, J.E. *see* Snell, A.H. 1-22987
- Bromberg, C., Dickey, J., Fox, G., Gomez, R., Kropac, W., Pine, J., Stampke, S., Haggerty, H., Malamud, E., Abrams, R., Delzeno, R., Goldberg, H., Lopez, F., Margulies, S., McLeod, D., Solomon, J., Dzierba, A., Fredericksen, F., Heinz, R., Krider, J., Martin, H., Petersen, D. D and E mesons and possible KKK enhancements 1-45364
- Bromberg, C., Dickey, J.O., Fox, G., Gomez, R., Kropac, W., Pine, J., Stampke, S.R., Haggerty, H., Malamud, E., Abrams, R., Delzeno, R., Goldberg, H., Lopez, F., Margulies, S., McLeod, D., Solomon, J., Dzierba, A., Fredericksen, F., Heinz, R., Krider, J., Martin, H., Petersen, D. Observations of the D and E mesons and possible three-kaon enhancements in $\pi^+ p \rightarrow K^+ K^+ \pi^- X$, $K^0 K^+ K^- X$ at 50 and 100 GeV/c 1-10266
- Bromberg, L., Cohn, D.R. Passive thermal-stability control in ignited Tokamak by ripple transport and radial motion 1-46877
- Bromberg, L., Cohn, D.R. Coupled radial and thermal fluctuations of ignited Tokamak plasmas 1-51916
- Bromer, H. *see* Blacha, A. 1-34949
- Bromer, H. *see* Schlosser, Ch. 1-26063
- Brommann, J. *see* Berns, H. 1-12686
- Brommer, P.E. *see* Buis, N. 1-47923
- Bron, J. *see* Barber, D. 1-14407
- Bron, J. *see* Barber, D.P. 1-534, 1-28309
- Bron, J. *see* Van Poelgeest, A. 1-10320
- Bron, W.E. Phonon emission into diffusive media 1-15983
- Bronaugh, E.L. *see* Spiegel, R.J. 1-17527
- Bronchard, J.P., Gaillard, P., Pateyron, A., Perrois, P. Wafer temperature measurement in epitaxial and pyrolytic deposition equipment 1-27984
- Bronckers, R.P.N., Hupkens, Th.M., de Wit, A.G.J., Post, W.C.N. A versatile target manipulator for use in ultra-high vacuum 1-36640
- Brondsted, P. Additive strength contributions in $\text{Cu-Al}_2\text{O}_3$ polycrystals 1-31476
- Broner, N., Leventhal, H.G. A modified PnDB for assessment of low frequency noise 1-24625
- Bronevii, I.L. Increase of the resistance of bismuth deformed at 80K on decrease of the temperature in the helium region 1-30795
- Bronger, W., Spangenberg, M. $\text{Na}_2\text{Re}_2\text{S}_6$ and $\text{K}_2\text{Re}_2\text{S}_6$, two thiorhenates with $[\text{Re}_2\text{S}_6]^{2-}$ clusters 1-34311
- Brongersma, H.H., Jochem, C.M.G., Meeuwse, T.P.M., Severin, P.J.W., Spierings, B.A.C.M. The preparation of alkali germanosilicate optical fibres using the double crucible system 1-1731
- Brongersma, H.H. *see* Dirks, A.G. 1-16780
- Brongersma, H.H. *see* Verhaar, G.J. 1-10850, 1-19196
- Bronikowski, T.A., Linehan, J.H., Dawson, C.A. A mathematical analysis of the influence of perfusion heterogeneity on indicator extraction 1-39957
- Bronkalla, W., Notni, P., Tiersch, H. Photographic UVB surface photometry and gross structure of the halo of M82 1-49815
- Bronnikov, K.A. Gravitational and sound waves in stiff matter 1-5196
- Bronnikov, V.I. *see* Andronov, V.P. 1-19404
- Bronnikov, V.K. *see* Akiniev, V.P. 1-5913
- Bronshten, V.A. Shielding effects of a meteoroid surface by reflecting and evaporating molecules. III. The case of strong shielding. The overall picture of the phenomenon 1-4830
- Bronshten, V.A. Solution of the general problem of the motion of a meteoroid in the atmosphere with variable coefficients 1-54427
- Bronskill, M.J. *see* Battista, J.J. 1-43961
- Bronson, J.C. *see* Liebenberg, D.H. 1-38612
- Bronson, J.D. *see* Garg, U. 1-28445
- Bronsveld, P.M. *see* de Rooy, A. 1-3695
- Bronzino, J.D., Forbes, W., Morgane, P.J. Quantitative indices of the EEG amplitude topography 1-32284
- Bronzino, J.D., Stern, W.C., Johnson, A., Morgane, P.J. Effects of electrical stimulation of the area postrema, nucleus of the solitary tract on Raphe unit activity and cortical EEG in the anesthetized rat 1-22006
- Brook, J.W., Calia, V.S., Muntz, E.P., Hamel, B.B., Scott, P.B., Deglow, T.L. Jet Membrane process for aerodynamic separation of mixtures and isotopes 1-45716
- Brook, R.J. *see* Harmer, M.P. 1-31391
- Brook, R.J. *see* Rahaman, M.N. 1-39292
- Brook-Levinson, E.T. *see* Belov, V.V. 1-34286
- Brooke Koffend, J. *see* Gotscho, R.A. 1-1262
- Brooker, H.R. *see* Creel, R.B. 1-19117
- Brooker, J.T., Janis, A.I. Gravitational scattering of electromagnetic radiation 1-144
- Brookes, C. *see* Preston, R.C. 1-322
- Brookes, C.J. *see* King-Hele, D.G. 1-32341
- Brookes, G.R. *see* Adamovich, M.I. 1-45317
- Brookes, G.R. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Brookes, G.R. *see* Barber, D.P. 1-5635, 1-28329, 1-28330
- Brookes, G.R. *see* Fiorino, A. 1-50583
- Brookins, D.G. Paleozoic plutonism from southern New Mexico: evidence from the Florida Mountains 1-22278
- Brooks, B. *see* Cody, G.D. 1-31216
- Brooks, B.G. Occupational radiation exposures at NRC-licensed facilities 1-28725
- Brooks, C. Aphebian overprinting in the Superior Province east of James Bay, Quebec 1-44141
- Brooks, C. *see* Walter, D.K. 1-32050
- Brooks, C.L., III, Berkowitz, M., Adelman, S.A. Generalized Langevin theory for many-body problems in chemical dynamics: Gas-surface collisions, vibrational energy relaxation in solids, and recombination reactions in liquids 1-26715
- Brooks, D.E. *see* Easthope, P.L. 1-39948
- Brooks, D.E. *see* Olson, G.B. 1-53948
- Brooks, F.D. *see* Bartle, C.M. 1-51014
- Brooks, G.L., Siddall, E. Analysis of the Three Mile Island accident 1-50895
- Brooks, H.L., Sierra, R.A., Weigold, E., Nygaard, K.J. Electron transport coefficients in gas mixtures containing HgBr 1-37342
- Brooks, H.L. *see* Nygaard, K.J. 1-33671
- Brooks, H.L. *see* Sierra, R.A. 1-38156
- Brooks, J.A., Louthan, M.R., Jr. Surface preparation and hydrogen compatibility of an iron base superalloy 1-43494
- Brooks, J.N. Self-consistent calculations of edge temperature and self-sputtering of the limiter surface for Tokamak fusion reactors 1-29883
- Brooks, J.S. *see* Zimmerman, G.O. 1-2744
- Brooks, L.A. *see* Gorham, B.J. 1-44031
- Brooks, M., Ferentino, G. Structure and evolution of the Sporades basin of the north Aegean trough, northern Aegean Sea 1-22261
- Brooks, M.S.S., Calestani, G., Spiret, J.C., Rebizant, J., Muller, W., Fournier, J.M., Blaise, A. f-electron contribution to bonding in protactinium compounds 1-47059
- Brooks, M.S.S., Glotzel, D. Some aspects of the electronic structure of uranium pnictides and chalcogenides 1-47466
- Brooks, M.S.S. *see* Baptist, R. 1-48226
- Brooks, M.S.S. *see* Kelly, P.J. 1-20109, 1-47523
- Brooks, N.H. *see* Nagami, M. 1-15637
- Brooks, P.D. *see* Stewart, W.R. 1-4550
- Brooks, R.A., Mitchell, L.G., O'Connor, C.M., Di Chiro, G. On the relationship between computed tomography numbers and specific gravity 1-43964
- Brooks, R.A., Sank, V.J., Friauf, W.S., Leighton, S.B., Cascio, H.E., Di Chiro, G. Design considerations for positron emission tomography 1-53872
- Brooks, R.A. *see* Sank, V.J. 1-22130
- Brooks, R.A. *see* Williams, P.C. 1-13365
- Brooks, R.E., Kemp, R.F. Hybrid optical/digital image processor for exoatmospheric moving object detection 1-24364
- Brooks, R.L., Hardis, J.E., Berry, H.G., Curtis, L.J., Cheng, K.T., Ray, W. Radiation from the negative lithium ion 1-6368
- Brooks, W.S.C., Koehler, J.A. Some observations of ionospheric ion drift motions at Fort Churchill 1-22573
- Brooksbank, R.E. *see* Armento, W.J. 1-18871
- Broom, R.F., Raider, S.I. Control of the Josephson current density of edge junctions 1-52715
- Broom, R.F., Raider, S.I., Osenbrug, A., Drake, R.E., Walter, W. Niobium oxide-barrier tunnel junction 1-7778
- Broome, T.A. Shielding for the spallation neutron source at the Rutherford Laboratory 1-18946
- Broome-Karlsson, A. *see* Nilsson, A. 1-43903, 1-53825
- Brophy, J.H. *see* Hynes, A.J. 1-6340, 1-29029
- Brophy, J.H. *see* Murphy, E.J. 1-37243, 1-37244
- Brophy, J.J., Nelson, D., Withers, M.K. A packed microbore liquid chromatography column used as a direct probe inlet for a chemical ionization mass spectrometer 1-5431
- Brouha *see* Soulie, G. 1-40310
- Broring *see* Armstrong, J. 1-10254
- Broring, J. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Broring, J. *see* Di Gennaro, V. 1-5660
- Broring, J. *see* Evangelista, C. 1-45354
- Bros, J. Integral relations in complex space and the global analytic and monodromic structure of Green's functions in quantum field theory: some general ideas and recent results 1-36814
- Bros, J. *see* Bogacz, A. 1-11731
- Bros, J.P. *see* Fornaris, M. 1-21761
- Bros, J.P. *see* Hayer, E. 1-30410, 1-47244
- Bros, J.-P. *see* Gambino, M. 1-53455
- Bros, J.-P. *see* Girard, C. 1-53456
- Brosa, U. Accurate solution of the Fokker Planck equation and its application to the U+U reaction 1-18681
- Brosa, U., Gross, D.H.E. How and why to measure the overlap of nuclei in heavy-ion collisions 1-23675
- Brosa, U., Krappe, H.J. On the dynamics of colliding droplets 1-15518
- Brosche, D. Pressure-wave propagation of light-water plants and their treatment in the licensing procedure 1-796
- Brosche, P. On the connection of the radio and optical systems of positions and proper motions 1-36419
- Brosche, P., Sundermann, J. Oceanic tidal friction: principles and new results 1-44094
- Broschik, J., Rinck, Th. Operating results of dual-source (hybrid) heat pump heating systems for single-family and two-family houses 1-35678
- Brosens, F., Devreese, J.T., Cornelis, J., Nihoul, J. On the energy-wave number characteristics $F(q)$ in metals as derived from experimental phonon spectra 1-11824
- Brosens, F. *see* Devreese, J.T. 1-47505
- Broser, I., Germer, R., Schulz, H.-J. Zeeman effect at the $^1\text{T}_1(\text{F})$ to $^1\text{T}_1(\text{P})$ absorption transitions of CdS:Ni^{2+} 1-2927
- Broser, I., Rosenzweig, M. Determination of excitonic parameters of the A polariton of CdS from magnetoreflectance spectroscopy 1-8092
- Broser, I., Rosenzweig, M. Magneto-Brillouin scattering of polaritons in CdS 1-39118
- Broser, I., Rosenzweig, M., Broser, R., Beckmann, E., Birkicht, E. Two new methods of polariton spectroscopy tested with CdS: magneto Brillouin scattering thin prism refraction 1-47504
- Broser, R. *see* Broser, I. 1-47504
- Brosious, P.R. Method for fabricating uniform Josephson barrier oxides by cathode rotation in an RF plasma 1-21345
- Broskii, A.Ya. *see* Alekhin, B.V. 1-33677
- Brosnan, S.G.P., Edmonds, D.T. An ^{17}O nuclear quadrupole resonance study of hydrogen atom motion in KH_2PO_4 1-39002
- Brosovic, R. Calculation of the characteristics of real gases following Van der Waals' equations, using a programmable pocket calculator 1-24912

- Brossa, F., Bohdanský, J., Roth, J., Martinelli, A.P. TiC coatings on stainless steel, Inconel and Mo: fabrication and testing 1-26662
- Brossard, L. see Tomas, A. 1-25241
- Brosson, P. see Rühle, W. 1-46350
- Brosson, P. see Sartorio, M.S. 1-33683
- Brosterhus, E.B.F. see Hill, G. 1-4924
- Brostow, W. Free volume in condensed phases: separation of contributions 1-46983
- Brot, C. Anisometric molecules in dense fluids. II. The Kerr constant of non-polar anisometric molecules in solutions 1-35015
- Brot, C. see Tresser, C. 1-50061
- Brota, E.A. A comparison of the meteorological conditions associated with a major wildland fire in the United States and a major bush fire in Australia 1-8778
- Brothers, J.A., Hirschfeld, F. Some new applications for Zirconia sensors 1-43725
- Brotherton, M.K. see Viens, R.E. 1-46644
- Brothier, J.P. see Basse-Cathalinat, B. 1-39998
- Broto, P. see Moreau, G. 1-51085
- Brott, C.A. see Blackwell, D.D. 1-9129
- Broucke, I. see Cosmor, D. 1-54003
- Brouchous, D.A. see Eitzweiler, J.F. 1-29837
- Broucke, R. Notes on the central force r^3 1-9350
- Brouckere, G.de see de Brouckere, G.
- Brouckere, L.de see de Brouckere, L.
- Broude, C. see Goldberg, M.B. 1-18542
- Broudy, R., Gelpy, J., Gurnee, M., Reine, M., Foss, N., Carrison, C., Dries, M., Hendrickson, T. Infrared/charge-coupled device (IR/CCD) focal planes: principles and practice 1-5383
- Brouers, F., Holzhey, C., Franz, J. Calculation of the electrical conductivity of liquid alkali metal-gold alloys 1-25689
- Brough, M.D., Chudley, C.T. Characteristic ray solutions of the transport equation 1-14571
- Broughton, T.G., Walsh, P.S. A real-time method for analyzing nuclear plant transients 1-28655
- Broughton, T.G. see Trikouros, N.G. 1-50885
- Brouha, M., de Jong, J.E., Galenkamp, H. Experimental and numerical determination of stress and flow patterns in large axial compression of aluminium cylinders 1-34403
- Brouillard, F. see Defrance, P. 1-29120
- Broom, L.L., Glagolev, A.N., Grinyus, L.L., Skulachev, V.P., Chetkauskaite, A.V. Na^+/K^+ gradient as a factor stabilizing the energized state of a membrane 1-17368
- Brown, R.A. Direct liquid feeding of defense wastes to a continuous melter 1-45653
- Brown, R.J., Smith, B.W. The use of process monitoring data to enhance material accounting 1-14631
- Broussard, P.H., Burch, J.L., Campbell, R.A., Drost, E.J., Hudgins, J.L., Morris, P.W., Reid, H., Jr., Stein, R.J., Zimmerman, J.E. Detecting a coal/slate interface 1-36724
- Broussard, R.M. see McKenzie, D.L. 1-32674
- Brousseau, M. see Collet, J. 1-48157
- Brousseau, M. see Pugniet, M. 1-8129
- Brousseau, D., Servet, B., Micheron, F. Structure and morphology of polyvinylidene fluoride induced by mechanical and electrical orientations 1-52091
- Broussoux, D. see Lacabanne, C. 1-38296
- Broussoux, D. see Servet, B. 1-52090
- Brout, R., Englert, F. TCP conservation in cosmology 1-44684
- Brout, R., Englert, F., Frere, J.-M., Gunzig, E., Nardone, P., Truffin, C. Cosmogonies and the origin of the fundamental length scale 1-9748
- Broutman, L.J. see Thakkar, B.S. 1-48370
- Brouty, C., Whuler, A., Spinat, P. On the crystallography of the thiocyanates of active rhodium (III) tri(ethylene)diamine, racemate and active racemate 1-7156
- Brouty, C. see Spinat, P. 1-34307
- Brower, G.F. Lubrication and wear of a stainless steel actuating cable 1-48531
- Brower, N., Onk, H.A.J. A direct method for the derivation of thermodynamic excess functions from TX phase diagrams. III. Eutectic systems 1-20424
- Brovko, G.L. On the formulation of boundary value problems in the theory of small-curvature elastoplastic processes 1-9841
- Brovko, G.L. Uniqueness theorem in the theory of small-curvature elastoplastic processes 1-29580
- Browall, K.W., Mazandarany, F.N. Development of molten carbonate fuel cells for power generation 1-53607
- Browarzik, D., Ratzsch, M.T. A application of Barker's lattice model for the prediction of the excess functions of low-molecular mixtures 1-46973
- Browder, J.A., Miller, R.L., Thomas, W.A., Sanzone, G. High-resolution TOF mass spectrometry. II. Experimental confirmation of impulse-field focusing theory 1-23362
- Brower, A.L., Sabin, J.R., Crist, B., Ratner, M.A. Ab initio molecular orbital studies of polyethylene deformation 1-7549
- Brower, D.F. see DeBlois, R.L. 1-931
- Brower, D.L., Peebles, W.A., Umstadter, D., Luhmann, N.C., Jr. Far-infrared laser resonator configurations 1-46400
- Browett, R.J., Hobson, J.H., Gorry, P.A., Nowikow, C.V., Grice, R. Reactive scattering of a supersonic oxygen atom beam: $O + C_2F_4$ 1-1337
- Browett, R.J., Hobson, J.H., Grice, R. Reactive scattering of a supersonic oxygen atom beam: $O + C_3F_4$ 1-48674
- Browett, R.J. see Gorry, P.A. 1-1338
- Brown, A., Jordan, C., Millar, T.J., Gondhalekar, P., Wilson, R. H_2 emission in the EUV spectrum of T Tauri and Burnham's nebula 1-49655
- Brown, A.C. see Gauthier, M. 1-9121
- Brown, A.C. see Pruisen, A.M.M. 1-40726
- Brown, A.M., Ashby, M.F. On the power-law creep equation 1-43451
- Brown, A.M., Tuley, F.H., Jr. Quantitative aspects of the light response and its kinetics in an Aplysia giant neuron 1-22065
- Brown, A.T. see Little, L.T. 1-9635
- Brown, B.A., Richter, W.A., Godwin, N.S. Nuclear-structure effects on parity nonconservation in light nuclei 1-28399
- Brown, B.C. see Ito, A.S. 1-45373
- Brown, B.D. see Shackelford, J.F. 1-25172
- Brown, B.H. Signal to noise ratios and mixers (Measurement and Standards) [medical doppler ultrasound] 1-22090
- Brown, B.S. Radiation effects in superconducting fusion-magnet materials 1-52173
- Brown, C., Girdler, R.W. Interpretation of African gravity and its implication for the breakup of the continents 1-27141
- Brown, C., Girdler, R.W., Renner, R.G.B. A gravity traverse across northern Africa 1-27051
- Brown, C. see Girdler, R.W. 1-13451
- Brown, C.D., Frank, R.E. Venus Orbital Imaging Radar (VOIR) mission: a further step in the exploration of Venus 1-13657
- Brown, C.N. see Ito, A.S. 1-45373
- Brown, C.R. see Hill, R.A. 1-41734
- Brown, C.S. see Cleveland, C.L. 1-7498
- Brown, C.S. see Landman, U. 1-30586
- Brown, C.W. see Thibault, R.J. 1-8146, 1-21187
- Brown, D. see Abate, J.A. 1-41717
- Brown, D.A. see Fedorov, K.N. 1-5039
- Brown, D.B. see Dozier, C.M. 1-2508, 1-42420
- Brown, D.C., Rinefield, J.M., Jacobs, S.D., Abate, J.A. Electronic, nuclear and total non-linear indices of liquids 1-29352
- Brown, D.C. see Kelly, J.H. 1-19399
- Brown, D.E. see Nastrom, G.D. 1-22447
- Brown, D.G., Wagner, R.F., Anderson, M.P. Absolute limits on image processing 1-17494
- Brown, D.H., Smith, S.R. Evidence for the existence of a complex isoelectronic center in Si:In 1-26257
- Brown, D.M. see Chow, T.P. 1-43553
- Brown, D.P., Schneider, W.J. Magnet leads for the first-cell (ISABELLE accelerator) 1-51022
- Brown, D.R. see Reilly, R.W. 1-53693
- Brown, D.S. British Astronomy—20 years of success 1-22683
- Brown, D.W. see Rabenstein, D.L. 1-43852
- Brown, E.B. see Bloomfield, P.E. 1-3131
- Brown, E.L., DeArdo, A.J. The behavior of austenite during hot rolling 1-21497
- Brown, E.L., DeArdo, A.J. On the origin of equiaxed austenite grains that result from the hot rolling of steel 1-53216
- Brown, F.B. see Losey, D.J. 1-50730
- Brown, F.J. see Harrison, E.R. 1-256
- Brown, G.C., Cassidy, J., Oxburgh, E.R., Plant, J., Sabine, P.A., Watson, J.V. Basement heat flow and metalliferous mineralization in England and Wales 1-32401
- Brown, G.E. The nucleon-nucleon interaction and the nuclear many-body problem 1-10331
- Brown, G.E., Raman, S. Where have all the M1 strengths gone in ^{208}Pb ? 1-630
- Brown, G.E., Rho, M., Vento, V. Pion cloud contributions to baryon magnetic moments 1-23498
- Brown, G.E. see Backman, S.-O. 1-654
- Brown, G.E. see Bethe, H.A. 1-32715
- Brown, G.E. see Krewald, S. 1-33250
- Brown, G.E. see Vento, V. 1-10178
- Brown, G.M. PDX structural instrumentation 1-10539
- Brown, G.M., Butcher, E.C. The use of abnormal quiet days in $S_q(H)$ for predicting the magnitude of sunspot maximum at the time of preceding sunspot minimum 1-40456
- Brown, G.M., Evans, D.R. Latitude variations of photospheric activity areas with particular reference to solar faculae 1-22766
- Brown, G.M. see Butcher, E.C. 1-27328, 1-36097, 1-36098
- Brown, G.N., Jr., Ziegler, W.T. Vapor pressure and heats of vaporization and sublimation of liquids and solids of interest in cryogenics below 1-atm pressure 1-47217
- Brown, G.S. Shadowing by non-Gaussian random surfaces 1-29174
- Brown, G.S. Correction to 'Backscattering from a Gaussian-distributed perfectly conducting rough surface' 1-29184
- Brown, G.S., Mau Hsiung Chen, Crasemann, B., Ice, G.E. Observation of the Auger resonant Raman effect 1-24094
- Brown, G.S. see Birgeau, R.J. 1-38648
- Brown, G.S. see Eisenberger, P. 1-16625
- Brown, G.T., Cockayne, B., MacEwan, W.R. Etch features in Zochralski-grown single crystal indium phosphide 1-7173
- Brown, G.T., Cockayne, B., MacEwan, W.R. The growth of dislocation-free Ge-doped InP 1-35167
- Brown, G.T., Smallman, R.E., Morris, D.G. The identification of slip on the primary $\{001\}$ plane in ordered Cu_3Au by TEM 1-25282
- Brown, G.T., Smallman, R.E., Morris, D.G. In-situ straining of polycrystalline ordered Ni_3Fe in the HVEM 1-38372
- Brown, G.T. see Cockayne, B. 1-20250, 1-53080
- Brown, H., Smith, K.R. Energy for the people of Asia and the Pacific 1-39705
- Brown, H.A. see Jursich, M. 1-38939
- Brown, H.L. see Hedman, B.A. 1-17181
- Brown, H.R. see Bandyopadhyay, S. 1-48510, 1-48546
- Brown, I. see Waring, G. 1-8408
- Brown, I.J. see Khan, A.R. 1-18210
- Brown, J.C. see Aspin, C. 1-36339
- Brown, J.C. see Simmons, J.F.L. 1-27550
- Brown, J.C. see Smith, D.F. 1-49584
- Brown, J.C. see Spicer, D.S. 1-4858
- Brown, J.D. see Sheasby, J.S. 1-31767
- Brown, J.D. see Syed, A.A. 1-1790
- Brown, J.M., Carrington, A., Fackerell, A.D. The observation of fine-structure transitions in the LMR spectrum of the SeD radical at $5.6 \mu\text{m}$ 1-6290
- Brown, J.M., Sears, T.J., Watson, J.K.G. The isotopic dependence of the spin-rotation interaction for an asymmetric top molecule 1-10760
- Brown, J.M. see Barnes, C.E. 1-37230
- Brown, J.M. see Keller, R.W., Jr. 1-32306
- Brown, J.M. see Rappaport, D.S. 1-26953
- Brown, J.M. see Seimle, T.C. 1-6293
- Brown, J.R., Mayer, M.L., Arbutnot, G.W. The use of ultra-violet setting glue for microelectrode fabrication 1-49173
- Brown, K.C. Solar industrial process heat 1-21844
- Brown, K.W. see Barish, B.C. 1-10284
- Brown, L. see Rajan, R.S. 1-22740
- Brown, L.D., Chapin, C.E., Sanford, A.R., Kaufman, S., Oliver, J. Deep structure of the Rio Grande Rift from seismic reflection profiling 1-13432
- Brown, L.D. see Cook, F.A. 1-32430
- Brown, L.F. see Boyd, E.S. 1-4266
- Brown, L.F. see Thakur, S.C. 1-2069
- Brown, L.L., Kelly, W.M. Paleomagnetic results from northern Maine—reinterpretations 1-40056
- Brown, L.M. Scanning transmission electron microscopy: microanalysis for the microelectronic age 1-30014
- Brown, L.M. Precipitation and dispersion hardening 1-31477
- Brown, L.M. see Mayer, R.M. 1-15887, 1-20181, 1-20182, 1-20185
- Brown, L.M. see Perovic, V. 1-52303
- Brown, L.S., Collins, J.C. Dimensional renormalization of scalar field theory in curved spacetime 1-36788
- Brown, M., Layland, M.W. Tube to tube excursive instability—sensitivities and transients 1-28564
- Brown, M.A. see Khan, A.R. 1-18210
- Brown, M.D. see Alton, G.D. 1-46104
- Brown, M.D. see Simons, D.G. 1-35419
- Brown, N., Metzger, B.D. The dependence of craze velocity on the pressure and temperature of the environmental gas 1-39489
- Brown, N. see Wu, J.B.C. 1-8385
- Brown, N.L. Renewable energy resources for developing countries 1-39708
- Brown, N.W. see Christie, A.M. 1-829
- Brown, O.B., Bruce, J.G., Evans, R.H. Evolution of sea surface temperature in the Somali Basin during the southwest monsoon of 1979 1-27211
- Brown, O.S., Young, F.A. The response of a servo controlled eye to focal perturbations 1-32124
- Brown, P.J., Ziebeck, K.R.A., Bland, J.A.C., Webster, P.J. An investigation of Pd-Mn-Sb alloys using polarized neutrons 1-45761
- Brown, P.J. see Costa, M.M.R. 1-25881
- Brown, P.V.K., Larsen, L.E. Differing effects of pulsed and CW microwave energy upon nerve function as detected by birefringence measurement 1-8905
- Brown, R. A numerical study of radiation fog with an explicit formulation of the microphysics 1-54202
- Brown, R., Scharf, S., Ingram, R.H., Jr. Nonhomogeneous alveolar pressure swings in the presence of airway closure 1-22030
- Brown, R. see Scharf, S.M. 1-17422

- Brown, R.A. Longitudinal instabilities and secondary flows in the planetary boundary layer: a review 1-36041
- Brown, R.A., Scriven, L.E. On the multiple equilibrium shapes and stability of an interface pinned on a slot 1-34548
- Brown, R.C., Bardin, D.E., Kerber, R.L. Kinetic model of a single pass pulsed $H_2 + F_2$ amplifier 1-51471
- Brown, R.C. *see* Kerber, R.L. 1-41677
- Brown, R.E. *see* Correll, F.D. 1-45513
- Brown, R.E. *see* Flynn, E.R. 1-28367
- Brown, R.E. *see* Ohlsen, G.G. 1-28456
- Brown, R.J., Ahern, F.J. The field spectral measurements program of the Canada Centre for Remote Sensing 1-32529
- Brown, R.J.C. Pressure dependence of nuclear quadrupole resonance frequencies in ionic and molecular solids 1-39004
- Brown, R.J.C., Segel, S.L., Dolling, G. Neutron diffraction studies of ammonium perchlorate and ammonium metaperiodate at low temperature 1-15839
- Brown, R.J.S. Connection between formation factor for electrical resistivity and fluid-solid coupling factor in Biot's equations for acoustic waves in fluid-filled porous media 1-27074
- Brown, R.L., Neff, S.G. Structure of the compact nuclear radar source in M82 1-22908
- Brown, R.L. *see* Kondo, Y. 1-54609
- Brown, R.L. *see* Levinson, F.H. 1-44610
- Brown, R.M. *see* Bourquin, M. 1-10276
- Brown, R.M., Jr. *see* Mohamed, N. 1-50216
- Brown, R.N., O'Connor, J.J., Armington, A.F. Sweeping and Q measurements at elevated temperatures in quartz 1-4100
- Brown, R.N. *see* Doherty, S.P. 1-2565
- Brown, R.N. *see* Martin, J.J. 1-16098
- Brown, R.R. *see* Beyer, R.P. 1-31900
- Brown, R.T., Nighan, W.L. Efficient HgBr(B-X) laser oscillation in e-beam controlled discharge excited Xe/HgBr₂ mixtures 1-37478
- Brown, R.T., Nighan, W.L. Efficient HgBr(B-X) laser oscillation in electron-beam-controlled-discharge-excited Xe/HgBr₂ mixtures 1-46298
- Brown, R.W. *see* Ito, A. 1-31692
- Brown, S. *see* Aubert, J.J. 1-5630
- Brown, S.D. *see* Ferber, M.K. 1-3953
- Brown, S.N., Rosen, A.S., Maslowe, S.A. The evolution of a quasi-steady critical layer in a stratified viscous shear layer 1-42080
- Brown, S.N., Stewartson, K. On the nonlinear reflexion of a gravity wave at a critical level. I 1-11412
- Brown, S.N., Stewartson, K. On the algebraic decay of disturbances in a stratified linear shear flow 1-11441
- Brown, S.N., Stewartson, K. On the non-linear evolution of critical layers 1-42034
- Brown, T. *see* Hsieh, S.Y. 1-45736
- Brown, T.D., Ferguson, A.B., Jr. The effects of hip contact aberrations on stress patterns within the human femoral head 1-32154
- Brown, T.D., Way, M.E., Ferguson, A.B., Jr. Stress transmission anomalies in femoral heads altered by aseptic necrosis 1-17428
- Brown, T.J. Development of an Earth resource pushbroom scanner utilizing a 90-element 8-14 micrometer (Hg,Cd)Te array 1-24514
- Brown, T.M. *see* Phillips, S.J. 1-44047
- Brown, W.A. *see* Catura, R.C. 1-4771
- Brown, W.E. *see* Mathew, M. 1-34322
- Brown, W.E. *see* Schroeder, L.W. 1-48090
- Brown, W.E. *see* Takagi, S. 1-15847
- Brown, W.E., Jr. *see* Krishen, K. 1-32568
- Brown, W.E., Jr. *see* McLeish, W. 1-13601
- Brown, W.K. A model of the formation of spherical galaxies 1-9657
- Brown, W.L. Crystal growth and impurity incorporation by transient laser and electron beam heating of semiconductors 1-53087
- Brown, W.L., Augustyniak, W.M., Lanzerotti, L.J., Johnson, R.E., Evatt, R. Linear and nonlinear processes in the erosion of H_2O ice by fast light ions 1-15937
- Brown, W.S., Jr. *see* McGlone, R.E. 1-49011
- Browne, E. Nuclear data sheets for A=191 1-22961
- Browne, G.C., Meadows, A.J. Colour changes on Jupiter 1-22719
- Browne, I.W.A. *see* Porcas, R.W. 1-49851
- Browne, J.C. *see* Green, T.A. 1-46099
- Browne, J.C. *see* Shipsey, E.J. 1-46108
- Browne, J.D. *see* Jaffrey, D. 1-39329, 1-48493
- Browne, J.D. *see* Lee, J.W. 1-3659
- Browne, P.F. Towards electrodynamic models of particles 1-28246
- Browne, P.F. New states of positronium and the neutrino 1-37371
- Browne, P.F. Rotating fields and particle-like states of electron-positron systems 1-46172
- Browne, T.E., Jr. Simplified estimation of critical quantities for short-line fault interruption 1-34162
- Brownell, G.L. *see* Gronemeyer, S.A. 1-32243
- Brownell, J.H. *see* Caird, R.S. 1-33018
- Browning, K. *see* Shone, K. 1-27245
- Browning, P. On the relative importance of the electronic and radiative contributions to the thermal conductivity of uranium dioxide 1-772
- Browning, R. A versatile spectrometer system for scanning Auger microscopy 1-28127
- Browning, R. *see* Campbell, F.M. 1-10781
- Browning, R. *see* Smith, E.L., III 1-17393
- Browning, S.R. *see* Herman, B.M. 1-49384
- Brownjohn, J.M.W., Steele, G.H., Cawley, P., Adams, R.D. Errors in mechanical impedance data obtained with impedance heads 1-37861
- Brownlee, D.E. *see* Srivastava, M. 1-13656
- Brownlow, J.M. Phosphor with long persistence 1-8111
- Brownsey, G.J., Leadbetter, A.J. Novel liquid crystal structures in cyano bi-cyclohexanes 1-46995
- Brownstein, K.R. Addendum to 'Variational principle for Poisson's equation for an impurity ion in a medium with spatially variable dielectric constant' 1-2917
- Brownstein, K.R. Large-r form for the potential due to an impurity ion in a medium with spatially variable dielectric constant 1-47564
- Brownstein, M., Beard, R.B., Vulmiri, S., Hung, B.N. Linear AC electrode polarization impedance measurements on platinum electrodes under controlled potential and pH in BSA solutions 1-43864
- Broyer, M. *see* Bacis, R. 1-6227
- Broz, M.R., Laithwaite, K., Newman, R.C., Ozbay, B. The properties of gallium arsenide doubly doped with silicon and germanium or silicon and tin 1-3381
- Brozovich, B. *see* Seeman, P.R. 1-26964
- Brunaudet, J.F. *see* Tsan Ung Chan 1-10296
- Bruce, A.D. The theory of superlattice critical scattering 1-36574
- Bruce, A.D. *see* Bruce, D.A. 1-20349
- Bruce, A.D. *see* Majkrzak, C.R. 1-25429
- Bruce, C.W., Yee, Y.P., Hinds, B.D., Brewer, R.J., Minjares, J., Pinnick, R.G. Initial field measurements of atmospheric absorption at 9-11 μ m wavelengths 1-49356
- Bruce, C.W. *see* Bruce, D. 1-9244
- Bruce, D., Bruce, C.W., Young Paul Yee, Cahenzli, L., Burkett, H. Experimentally determined relationship between extinction coefficients and liquid water content 1-9244
- Bruce, D.A., Bruce, A.D. The theory of two-phonon critical scattering 1-20349
- Bruce, J.G., Quadfasel, D.R., Swallow, J.C. Somali eddy formation during the commencement of the southwest monsoon, 1978 1-27176
- Bruce, J.G. *see* Brown, O.B. 1-27211
- Bruce, R.E. *see* Marshall, A.G. 1-1173
- Bruch, L.W., Mein Sieng Wei. Coexistence of non-registered monolayer and bilayer solid films: statistical mechanics 1-25570
- Bruchholz, U. Calculation of stable EM fields 1-18114
- Bruchle, W. *see* Gaggeler, H. 1-18666
- Bruck, E.H., Campagna, F., Fischer, G. Gas panel backfill process 1-272
- Bruck, H. Amplitude growth in storage rings by periodic crossings of a resonance 1-10560
- Bruck, H.A. P. Angelo Secchi, S.J., 1818-1878 1-13985
- Brucker, C.F. *see* Brillson, L.J. 1-52440
- Brucker, C.F. *see* Gopel, W. 1-16364
- Brucker, H., Jantsch, W. Modulation of fundamental absorption by free carrier heating in degenerate n-PbTe 1-48092
- Bruckner, A.P. *see* Shaw, D. 1-48912
- Bruckner, H. *see* Plith, W. 1-34771
- Bruckner, H.-P. *see* Wolf, M. 1-52490
- Bruckner, R. XPS measurements and structural aspects of silicate and phosphate glasses 1-31307
- Bruckner, R., Sammet, M., Stockhorst, H. Evidence of structural anisotropies in silicate glass fibres by ESR 1-3241
- Brucks, J.T., Linwood Jones, W., Leming, T.D. Comparison of surface wind stress measurements: airborne radar scatterometer versus sonic anemometer 1-13477
- Bruckstein, A.M. *see* Zeevi, Y.Y. 1-8845
- Brucq, D. *see* De Brucq, D.
- Budnyl, V.N., Krivov, M.A. Radiation defects in gallium arsenide 1-25319
- Budnyl, V.N., Voevodin, V.G., Voevodina, O.V., Krivov, M.A. Defects in electron irradiated CdSnAs₂ crystals 1-25326
- Budzewski, K., Lipka, J., Przyłuski, J. An automatic digital ellipsometer 1-44988
- Bueck, S.R.J. *see* Kildal, H. 1-37548
- Bueckner, G.E. Solar physics in the VUV: the importance of high resolution observations 1-32677
- Bueckner, G.E. *see* Cook, J.W. 1-36238
- Bueckner, G.E. *see* Jordan, C. 1-17799
- Buemmer, S.M., Jones, R.H., Thomas, M.T., Baer, D.R. Sulfur induced fracture mode transition of nickel at cathodic potentials 1-26620
- Buens, N.W.S. U-tube steam generator dynamics modelling and verification 1-28553
- Buesch, P., Buhrer, W. Far-infrared, microwave, and inelastic neutron scattering experiments of the superionic conductor α -AgI 1-2688
- Buesselbach, H. *see* Hon, D.T. 1-29334
- Brugarino, T. de Sitter-invariant field equations 1-10056
- Brugarino, T., Pantano, P. The integration of Burgers and Korteweg-de Vries equations with nonuniformities 1-32856
- Brüge, G. *see* Boudard, A. 1-41117
- Brugel, E.W., Bohm, K.H., Mannery, E. The blue continua of Herbig-Haro objects 1-54582
- Bruggeller, P., Mayer, E. Complete vitrification in pure liquid water and dilute aqueous solutions 1-25409
- Bruggemann, R., Voitlander, J. Local behavior of Huckel parameters 1-10671
- Bruggen, C.F. *see* van der Brug, C.F.
- Brugger, R.M. *see* Prelas, M.A. 1-19363
- Brugger, R.M. *see* Yelon, W.B. 1-33360
- Bruggemann, G. *see* Bonin, E.V. 1-34153
- Brugh, J.H.A.M. *see* van den see van den Brugh, J.H.A.M.
- Brugman, J.C. *see* Vanadamme, L.K.J. 1-2972
- Bruh, H.-G. Determination of the Debye-Waller factor on GaP by X-ray diffraction methods 1-42499
- Bruh, H.-G., Geist, V., Ascheron, C. Depth dependence of lattice expansion in proton-bombarded GaP 1-20276
- Bruh, H.-G. *see* Seifert, W. 1-20161
- Brühlmann, U., Russegger, P., Huber, J.R. Deuterium isotope effect in the $T_1 \rightarrow S_0$ radiationless transition of propynal in the gas phase 1-6302
- Bruhn, J.A., Fry, W.E., Fick, G.W. Simulation of daily weather data using theoretical probability distributions 1-54184
- Bruijvelier, F. *see* Kafatos, M. 1-44609
- Brui, V.P. *see* Galperin, A.D. 1-41643
- Bruijn, D. *see* de Bruijn, D.
- Bruijn, S. *see* de Bruijn, S.
- Bruin, H.J. *see* de Bruin, H.J.
- Bruinsma, A.J.A. *see* Beranek, W.J. 1-15103, 1-37435
- Bruinsma, R., Nelson, D.R. Bond orientational order in smectic liquid crystals 1-34232
- Bruinsma, R., Trullinger, E.S. Phase-locked charge-density waves in NbSe₂ 1-20645
- Bruk, M.A. *see* Pavlov, S.A. 1-44887
- Bukhovetskiĭ, A.P., Kotlikov, E.N., Otorbaev, D.K., Ochkin, V.N., Rubin, P.I., Savinov, S.Yu., Sobolev, N.N. Excitation of electron-vibrational-rotational levels in hydrogen molecules by electron impact in a nonequilibrium gas discharge 1-29129
- Brull, M.A. *see* Arcan, M. 1-19653
- Bruls, G.J.C.L., Bass, J., van Gelder, A.P., van Kempen, H., Wyder, P. Linear magnetoresistance caused by sample thickness variations 1-42745
- Brumann, J. *see* Schildbach, K. 1-11163
- Brumbach, S.B. *see* Amundson, P.I. 1-50795
- Brumbaugh, D.S. Analysis of the Williams, Arizona earthquake of November 4, 1971 1-22236
- Brumbaugh, D.V., Haynam, C.A., Levy, D.H. Mild eximers: the spectrum of the dimethyl-tetrazine dimer 1-37237
- Brumberg, V.A., Evdokimova, L.S., Skripniichenko, V.I. Mathematical results of the general planetary theory in rectangular coordinates 1-40331
- Brumby, S. Numerical analysis of EPR spectra. III. Iterative least-squares analysis of significance plots 1-310
- Brumby, S. Numerical analysis of EPR spectra. IV. Spectra of 1- and 2-methylnaphthalene anions 1-14947
- Brumby, S. Numerical analysis of EPR spectra. V. Simulation of spectra by fast Fourier transform 1-18269
- Brumer, P. *see* Jaffe, C. 1-37134
- Brumleve, T.D. *see* Moeller, C.E. 1-13085
- Brummer, O. *see* Dlubek, G. 1-52177
- Brummer, O. *see* Wagner, N. 1-26364, 1-43703
- Brun, A., Meyer, P., Briat, B. Multiple far-infrared magnetic excitations in CsCoCl₃: a one-dimensional Ising-like antiferromagnet 1-16435
- Brun, B. *see* Bernier, P. 1-51227
- Brun, C. *see* Le Brun, C.
- Brun, L., Molinari, A. Unidimensional progressive waves in generalized thermoclasticity 1-19628
- Brun, M. *see* Gutierrez-Le see Gutierrez-Le Brun, M.
- Brun, M. *see* Gutierrez-Le see Gutierrez-Le Brun, M.
- Brun, M.Ya. Possibility of improving the mechanical properties of titanium alloys by optimizing the structure 1-16842
- Brun, R. *see* Philippi, P.C. 1-51893
- Brun, T. *see* Fish, G.E. 1-25203
- Brun, T.O. *see* Kouvel, J.S. 1-12254
- Bruna, P.J. *see* Hirsch, G. 1-1123
- Brundage, E. *see* Tricoles, G. 1-51414
- Brundiers, H.-J. *see* Bamberger, A. 1-14417
- Brundie, C.R. Chemical characterization of surfaces and interfaces of industrial materials by X-ray photoelectron spectroscopy, Auger electron spectroscopy and secondary ion mass spectrometry 1-11966
- Brundie, C.R., Hopster, H. XPS/LEED/SIMS study of the Ni(100)/O₂ system: origin of the two O(1s) features 1-30573

- Brundrett, G.W. Domestic heat pumps 1-35695
- Brune, J.N., Simons, R.S., Vernon, F., Canales, L., Reyes, A. Digital seismic event recorders: description and examples from the San Jacinto Fault, the Imperial fault, the Cerro Prieto fault, and the Oaxaca, Mexico subduction fault 1-32525
- Brune, J.N. see Priestley, K. 1-44116
- Bruneau, N., Martineau, J., Ragazzoni, A., Roux, S. Event-related low potentials evoked during ankle jerk conditioning in wakefulness and NREM sleep 1-4300
- Bruneel, C. Ultrasonic real-time reconstruction imaging 1-43932
- Bruneel, C. see Lefebvre, J. 1-24563
- Brunkreef, B. Viscous odors in ambient air. A study of the relationship between the detectability of viscous odors and concentrations of H₂S and CS₂ in ambient air 1-48938
- Brunel, R. see Maury, L. 1-48076
- Brunel, R. see Vienne, R. 1-2392
- Brunel, Y., Coulombeau, C., Rassat, A. Theoretical conformational analysis: determination of the free enthalpy difference between isomers using combined molecular mechanics and semi-empirical calculations 1-46158
- Bruner, E.C. see Lites, B.W. 1-54452
- Brunet, A., Faure, F. Negative corona discharges upon electrodes made of carbon fiber materials 1-11623
- Brunet, C. see Poisson, A. 1-54091
- Brunet, H., Mabru, M., Chauvet, P., Rocca Serra, J., Vincent, P. A theoretical and experimental study of a CW HCl chemical laser 1-41678
- Brunet, H. see Galy, J. 1-46092
- Brunet, H. see Millet, P. 1-41393
- Brunet, H. see Salameo, Y. 1-41477
- Brunet, J.C., Bellot, J. Study of the relationships between joint hardness and chemical composition for certain structural steels 1-31605
- Bruneteau, A.M. see Bacal, M. 1-29911
- Bruneteau, A.-M. see Bacal, M. 1-38143
- Brunfeld, A. see Popescu, I.M. 1-36726
- Brunger, A.P. see Hooper, F.C. 1-21850
- Brunger, G., Kanert, O., Wolf, D. Self-diffusion mechanism in solid sodium by NMR 1-21074
- Brungs, M.P. see Tran, T. 1-21739
- Brungs, M.P. see Warschewski, D. 1-18277
- Bruni, M.C. see Baraldi, I. 1-21742
- Brunia, C.H.M. Monosynaptic reflexes during generalized spike and wave activity, provoked by intermittent photic stimulation 1-17376
- Bruning, H. see Bamberger, A. 1-14417
- Bruning, K., Baumjohann, W., Wilhelm, K., Studemann, W., Urban, A., Ott, W., Spennner, K., Schmidke, G.L., Fischer, H.M. Application of different methods for the determination of ionospheric conductivities from sounding rocket observations 1-54316
- Brunings, J., Bass, J., Dupen, C. CDS plant reactor assembly and refueling systems 1-10432
- Brunial, P. see Andretta, A. 1-39817
- Brunk, U.T. see Collins, V.P. 1-27043
- Brunk, W. see Theysohn, H. 1-49086
- Brunn, P. The hydrodynamic wall effect for a dispersion system 1-51856
- Brunne, M., Zielinski, A., Milewski, J., Volkov, A.Yu., Demin, A.I., Kudriavtsev, E.M. Analytical modelling of the influence of the nozzle geometry and stagnation conditions on parameters of a CW CO₂ 18.4 μ m gasdynamic laser 1-41657
- Brunner, D., Diehl, J. Stress relaxation and activation volume at the yield point of cold worked and neutron irradiated copper single crystals 1-31492
- Brunner, F. see Lewandowski, Z. 1-18634
- Brunner, F.K., Solomon, R., Hirsch, B. A comparison of computation methods for crustal strains from geodetic measurements 1-53963
- Brunner, H. see Deimling, M. 1-16504
- Brunner, H.R. see Curtis, B.J. 1-34743
- Brunner, K., Jen-Shing Chang Flow regime transitions under electric fields in a horizontal two-phase flow 1-19792
- Brunner, M., Kohl, H.-H., Neidrig, H. Electron diffraction with rocking beam and rocking crystal (Analogies: CTEM-STEM) 1-20035
- Brunner, P. see Reinhold, M. 1-39009
- Brunner, P.H., Roberts, P.V. The significance of heating rate on char yield and char properties in the pyrolysis of cellulose 1-21704
- Brunner, R. Determination of material parameters by using a hardness testing device 1-43628
- Brunner, R. see Falk, J.C. 1-48498
- Brunner, T.A. see Smith, N. 1-37313
- Brunner, W., Paul, H. Theory of high-frequency modulation of Ar-ion radiation due to stable two-mode oscillation 1-29254
- Bruno, J., Reid, J.B. A Westinghouse designed distributed microprocessor based protection and control system 1-50898
- Bruno, J., Sak, J. Renormalization group for first-order phase transitions: equation of state of the compressible Ising magnet 1-12325
- Bruno, J., Sak, J. Two-point correlations near the phase transition in a compressible magnet 1-12326
- Bruno, J. Bel see Bel Bruno, J.
- Bruno, M., Cannata, F., D'Agostino, M., Lombardi, M., Vannini, G., Bongiovanni, F., Frisoni, M. Isospin breaking and sequential processes in low energy D(α ,p)n 1-28491
- Bruno, M., Cannata, F., D'Agostino, M., Vannini, G., Bongiovanni, F., Frisoni, M., Lombardi, M. ³He(α ,s) production in the ²H(α ,p) α n reaction near threshold 1-7111
- Bruno, M., Cannata, F., D'Agostino, M., Vannini, G., Lombardi, M., Koike, Y. 'Singlet deuteron' production in the ²H(α ,p) α n reaction at low energies 1-23666
- Brunol, J. Use of coded apertures in gamma-imaging techniques 1-43996
- Brunol, J., Garner, L., Saget, J.C. Analysis of information coding in high resolution longitudinal tomography 1-23395
- Brunol, J. see de Beaucoudrey, N. 1-51986
- Brunovskaya, L.K. see Ostrovskii, M.V. 1-48777, 1-48778
- Bruns, A.V. Design of the orbiting solar telescope on Salyut-4 1-27377
- Bruns, A.V. Guidance system for the orbiting solar telescope 1-27378
- Bruns, A.V., Grechko, G.M., Gubarev, A.A., Klimuk, P.I., Sevast'yanov, V.I., Severnyi, A.B., Steshenko, N.V., Feoktistov, K.P. Spectroscopy of solar active regions performed from Salyut-4 1-27441
- Bruns, A.V., Sidorov, G.G., Steshenko, N.V. Ultraviolet spectrograph used with the orbiting solar telescope on Salyut-4 1-27385
- Bruns, M. see Stieve, H. 1-48986
- Brunschwig, B.S., Sutin, N. Visible light photolysis of tris(bipyridine)ruthenium(II)-titanium(III) solutions 1-31875
- Brunskill, I.H. see Edgar, A. 1-3245
- Brunskill, R.T., Hwang, F.S.W. A personnel thermoluminescence dosimeter for the measurement of β , γ and neutron dose 1-6054
- Brunson, B.A., Johnson, R.K. Laboratory measurements of shear wave attenuation in saturated sand 1-11232
- Brunt, R.J. Van see Van Brunt, R.J.
- Brunvoli, J. see Cyvin, S.J. 1-24111
- Brunvold, J., Hargittai, I., Szekelet, T., Pappalardo, G.C. Conformation and geometry of 2-thiophenesulphonyl chloride as studied by electron diffraction 1-1403
- Brunvold, J. see Cyvin, S.J. 1-6235
- Bruque, J.M. see Gonzalez-Caballero, F. 1-35575
- Brus, L.E. Long range vibrational energy transfer to dielectric surfaces 1-42621
- Brus, L.E. Optical propagation and vibrational energy loss in gaseous waveguide lasers 1-46283
- Brusasca, G. see Bonino, G. 1-32508
- Bruscaglioni, P., Milloni, G., Zaccanti, G. On the contribution of multiple scattering to lidar returns from homogeneous fogs and its dependence on the lidar range and on the receiver angular aperture 1-9252
- Bruschi, M., Manakov, S.V., Ragnisco, O., Levi, D. The non-Abelian Toda lattice—discrete analogue of the matrix Schrodinger spectral problem 1-28167
- Bruschi, M., Ragnisco, O. Existence of a Lax pair for any member of the class of nonlinear evolution equations associated to the Matrix Schrodinger spectral problem 1-9845
- Bruschi, M., Ragnisco, O. Extension of the Lax method to solve a class of nonlinear evolution equations with x-dependent coefficients associated to the matrix Schrodinger spectral problem 1-9846
- Bruschi, M., Ragnisco, O. Backlund transformations and Lax technique 1-9847
- Brusdeylins, G., Doak, R., Toennies, J.P. Measurement of the dispersion relation for Rayleigh surface phonons of LiF(001) by inelastic scattering of He atoms 1-47354
- Brushlinskii, K.V., Morozov, A.I. Calculation of two-dimensional plasma flows in channels 1-42147
- Brustunov, V.Ya. see Alexander, I.N. 1-45066
- Brusilovskii, B.A. see Ovcharenko, A.M. 1-26492
- Bruskov, V.A. see Bodak, O.I. 1-30199
- Brusson, A., Gerl, M. Impurity diffusion in liquid metals 1-25478
- Brusson, A. see Gerl, M. 1-25476
- Brusov, P.N., Popov, V.N. Nonphonon branches of the Bose spectrum in the A-phase in systems of the He type 1-30514
- Brussaard, G. Variability of atmospheric noise temperature in 11-14 GHz band due to water vapour and clouds 1-36022
- Brussel, M. see Jans, E. 1-28470
- Brussel, M.K. see Chapuran, T. 1-5700
- Brusset, H. see Vandenborre, M.T. 1-31152
- Brustad, K., Njos, A. Simulation of flow patterns and ion-exchange in soil percolation experiments. I. Tracer experiments and flow model 1-54153
- Brustad, T. see Rofstad, E.K. 1-53823
- Brustolon, M. see Colliani, A. 1-43037
- Brustolon, M. see Pasimeni, L. 1-12404
- Bruston, P., Audouze, J., Vidal-Madjar, A., Laurent, C. Physical and chemical fractionation of deuterium in the interstellar medium 1-54574
- Bruston, P. see Prange, R. 1-4692
- Brutan, E.G., Fadeev, Yu.A. Appearance of intermolecular forces in the oscillatory spectra of certain nitrils 1-19098
- Brutyay, G. see Mirzoyan, L.V. 1-36292
- Bruver, R.E. see Glikman, E.E. 1-26590
- Bruyant, F., Lesceux, J.M., Plano, R.J. The butterfly drift chamber geometry: an optimal four-plate drift chamber for use in a high track multiplicity environment 1-14770
- Bruyere, J.C. see Hamdi, H. 1-3012
- Bruyn, A.G. de see de Bruyn, A.G.
- Bruynsraede, Y. see Van den Dries, L. 1-47763
- Bruynsraede, Y. see Van Haesendonck, C. 1-7788
- Bruzual, G.A., Kron, R.G. On the interpretation of colors of faint galaxies 1-32749
- Bruzzese, R., Braglia, G.L., Martellucci, S., Quartieri, J. Plasma instability in high-power CO₂ laser amplifiers 1-46288
- Bruzzese, R., Solimeno, S., Braglia, G.L., Martellucci, S. Ionic and thermal instabilities in e-beam preionized CO₂ ECLD devices in the presence of a laser beam 1-33653
- Bruzzone, C. see Steinhauer, L.C. 1-50946
- Bruzzone, C. see Taussig, R.T. 1-48853
- Bruzzone, G., Costa, G., Ferretti, M., Olcese, G.L. Hydrogen storage in aluminium-substituted TiFe compounds 1-43814
- Bruzzone, G., Olcese, G.L. On the crystal structure of TiFe hydrides 1-15837
- Bruzzone, P. see Kwasnitza, K. 1-47789
- Bryam, E.T. see Skinner, G.K. 1-17906
- Bryan, D.A. see Powers, J.K. 1-29235
- Bryan, E.R. see Pommerrenig, D.H. 1-40858
- Bryan, G.H., Palmer, C.R. Characteristics of some transuranium-contaminated solid wastes 1-5916
- Bryan, G.M. The hydrophobe-pinger experiment 1-15340
- Bryan, J. see Kirshner, R. 1-13789
- Bryan, K. see Baker, D.J., Jr. 1-13562
- Bryan, M.L. see Chang, A.T.C. 1-9153
- Bryan, R.B. see Yair, A. 1-13491
- Bryan, R.S. see Porter, L.E. 1-24000
- Bryan, W.B. see Ludden, J.N. 1-13430
- Bryanskii, L.N. see Kazakov, K.I. 1-23160
- Bryant, D.J. see Andrew, E.R. 1-38990
- Bryant, F.J., Nahum, J., Verity, D. Cathodoluminescence and isochronal annealing investigations of edge-emission in ZnTe 1-35101
- Bryant, F.J. see Verity, D. 1-21086
- Bryant, F.J. see Zhong, G.Z. 1-3495
- Bryant, G.W. Two-photon absorption in Ge: band effects 1-1624
- Bryant, G.W. Phonon shake-up satellites in X-ray absorption: an operator approach 1-26301
- Bryant, R. see Baker, P.L. 1-40761
- Bryant, R.G. NMR relaxation studies of solute-solvent interactions 1-10761
- Bryant, R.G., Shirley, W.M. Dynamical deductions from nuclear magnetic resonance relaxation measurements at the water-protein interface 1-8791
- Bryant, W.A. see Demczyk, B.G. 1-53595
- Bryden, H.L., Halpern, D., Pillsbury, R.D. Importance of eddy heat flux in a heat budget for Oregon coastal waters 1-27175
- Bryden-Smith, D.W. see Chabowski, A.J. 1-35463
- Brydson, U., Backstrom, G. Stress induced anisotropy in lattice thermal conduction 1-30498
- Bryjak, E. Observation on sintering from spherical powder fast cutting tool under inert gas 1-3658
- Brykov, N.N. see Popov, V.S. 1-16901
- Bryksin, A.M. see Boriskina, N.G. 1-16900
- Bryksin, V.V., D'yakonov, M.N., Khanin, S.D. Hopping transport in noncrystalline tantalum oxide 1-20889
- Bryksin, V.V., Gol'tsev, A.Yu., Kudinov, E.E. Some exact results for the 2D Ising model with regular disposition of the frustrated squares 1-20995
- Bryksin, V.V. see Bottger, H. 1-7615
- Bryndin, F.B. see Lititskii, V.A. 1-23803
- Bryselbont, J. see Barthelemy, H. 1-43534
- Brysk, H., Zweifel, P.F. Possible bound states of repulsive potentials 1-54575
- Brytov, I.A., Grudskii, A.Ya., Obolenskii, E.A., Panov, A.F. Chamber for investigating the reflection and scattering of X-rays in the ultraviolet region 1-18346
- Brytov, I.A., Mstibovskaya, L.E., Rabinovich, L.G. X-ray K emission spectra of free Mg atoms, metallic Mg, and MgO 1-26312
- Bryukhanov, A.A., Sovkova, T.S., Usov, V.V. Anisotropy of elastic properties and crystallographic texture of a Ti-Al-V alloy 1-31529
- Bryukhanov, T.M. see Arestov, Yu.I. 1-36892
- Bryukvin, V.V. see Parfianovich, I.A. 1-3474
- Bryzgalov, V.V. see Ajinenko, I.V. 1-5667
- Brzezinski, A. Secular variations in the Earth rotation 1-22188

- Brzezinski, B., Zundel, G. A non-charged, easily polarizable, intramolecular, hydrogen bond in 2-(α -pyridyl N-oxide)ethane sulphonic acid 1-10734
- Brzezinski, B., Zundel, G. Proton polarizability of intramolecular hydrogen bonds with molecules non-conjugated and conjugated between donor and acceptor groups 1-14913
- Brzezinski, B., Zundel, G. Influence of screening of intramolecular easily polarizable hydrogen bonds on their infrared absorbance 1-19096
- Brzezinski, D.W. see Jun-Wei Chen 1-52519
- Brzezinski, K., Schatt, W. Sintering behaviour of mechanically activated powders 1-39268
- Brzezowska, J. SCF treatments of higher excited states of atoms. Transition probabilities between excited states of P III 1-33394
- Brzustowski, T.A. Toward a second-law taxonomy of combustion processes 1-17056
- Bu-ju Jiang see Jiang Bu-Ju
- Bube, R.H. see Aranovich, J.A. 1-3004
- Bube, R.H. see Haines, W.G. 1-13120
- Bube, R.H. see Huggins, R.A. (editor) 1-36466
- Bubeck, C., Hersel, W., Neumann, W., Sixl, H., Waldmann, J. The thermal intermediates of the low temperature photoinduced polymerization reaction in diacetylene crystals 1-8568
- Bubeck, C. see Sixl, H. 1-12219
- Bubenik, T. see Achenbach, J.D. 1-19649
- Bubenshchikov, A.S. see Nechaev, Yu.S. 1-2431
- Bubenzer, A., Bimberg, D. Calorimetric absorption spectroscopy (CAS) of GaP:N, S 1-47181
- Bubbenzer, A., Hunklinger, S., Dransfeld, K. New method for measuring extremely low optical absorptions 1-320
- Bubis, I.Ya., Orlov, V.Ya., Spiridonov, V.P. Contact aspherometer 1-11193
- Bublik, V.T., Mil'vidskii, M.G., Ovenskii, V.B. Nature and singularities in the behavior of point defects in doped single crystals of $A^{\text{III}}B^{\text{V}}$ compounds 1-25264
- Bubnov, V.P. see Nesterenko, V.B. 1-50710
- Bubsey, R.T. see Marz, D. 1-26612
- Bucaro, J.A. see Junzyski, J. 1-18256
- Bucaro, J.A. see Lagakos, N. 1-11092
- Bucher, R. see Bignami, G.F. 1-36429
- Bucher, R. see Kanbach, G. 1-13792
- Buchia, S. Del sei Buchia, S.
- Bucci, P. see Barone, V. 1-51115
- Bucciarelli, T., Melacci, P.T., Picardi, G. A program for a CAD of a SAW device 1-41934
- Buch, A. Energy supply in the Federal Republic of Germany up to the end of the century 1-39704
- Buch, V., Ratner, M.A., Gerber, R.B. A semiclassical approximation for matrix elements involving non-orthogonal bound states 1-45815
- Buch, V. see Ratner, M.A. 1-28858
- Buchal, C. see Kubota, M. 1-25959
- Buchal, Chr. see Mueller, R.M. 1-14120
- Buchali, K., Schimmelpfennig, W., Sest, C., Maluszek, S., Sapia, C., Correns, H.-J. Influence of posture on hepatic blood flow 1-4309
- Buchanan, D.J., Mason, I.M., Davis, R. The coal cutter as a seismic source in channel wave exploration 1-9101
- Buchanan, D.J. see Mason, I.M. 1-17695
- Buchanan, D.N.E. see Bates, C.W., Jr. 1-25813
- Buchanan, D.N.E. see Roberts, R.F. 1-31316
- Buchanan, H.L. see Lee, E.P. 1-11569
- Buchar, J., Bilek, Z. Plastic flow of irradiated steel at high strain rates 1-48438
- Buchar, J., Sykora, M., Bilek, Z. The influence of temperature and neutron irradiation on dynamic bearing capacity of structural steels. I. The influence of higher temperature 1-12801
- Buchar, J., Sykora, M., Bilek, Z. The influence of temperature and neutron irradiation on dynamic bearing capacity of structural steels. II. The influence of neutron irradiation 1-47118
- Buchau, J. see Weber, E.J. 1-13631
- Buchave, P., Caspersen, C. Processing of discrete particle laser Doppler anemometer data 1-29815
- Buchbinder, G.G.R. see Wickens, A.J. 1-22231
- Buche, G., Przybilla, G. Distributions of absorbed dose from π^- -meson beams calculated from a new Monte Carlo program 1-32250
- Buchell, G. see Amols, H.I. 1-49063
- Buchelnikova, M.S., Matochkin, E.P. Instability and damping of one-dimensional Langmuir waves 1-6943
- Buchelnikova, N.S., Matochkin, E.P. Damping of large-amplitude Langmuir waves in a collisionless plasma 1-24967
- Buchelnikova, N.S., Matochkin, E.P. The instability and damping of standing Langmuir waves in collisionless plasma 1-38099
- Buchelnikova, N.S., Matochkin, E.P. Instability of one-dimensional Langmuir waves 1-38101
- Bucher, E. see Andres, K. 1-25432
- Bucher, E. see Ensslen, K. 1-52109
- Bucher, E. see Jayaraman, A. 1-25778
- Bucher, G. see Sommer, F. 1-30424
- Bucher, R.G. see Bhattacharyya, S.K. 1-833
- Buchet, G., Castro, A., Haug, R. Simple apparatus for testing the line optical thinness in a free burning arc 1-50186
- Buchet, G., Haug, R., Maftoul, J. Time-resolved spectroscopy of a free burning arc 1-15723
- Buchet, J.P., Buchet-Poulizac, M.C., Denis, A., Desesquelles, J., Druetta, M. Measurement of radiative lifetimes of low-lying excited states in sodiumlike, fluorinelike, and oxygenlike iron 1-14839
- Buchet-Poulizac, M.C. see Buchet, J.P. 1-14839
- Buchhammer, H.-M., Schmidt, I. Investigation into the physical development kinetics at binderless, isolated latent image nuclei 1-8590
- Buchholtz, M.H. see Smethie, W.M., Jr. 1-32530
- Buchholz, J.C. Surface electronic structure for the initial stages of electrochemical oxidation of zinc 1-35546
- Buchholz, R.H. see Sherwood, G.G. 1-14665
- Buchwald, M.I. see Nelson, L.Y. 1-46315
- Buchinger, F., Dabkiewicz, P., Kremmling, H., Kuhl, T., Muller, A.C., Schuessler, H.A. Determination of nuclear spins of short-lived isotopes by laser induced fluorescence 1-628
- Buchinskii, Ya.V., Marchenko, P.M., Piskun, S.A., Stolyarov, A.A., Uzloda, L.A., Shatskikh, Yu.V. Two-channel analog converter 1-18247
- Buchler, J.R. Transport equations for fast electrons in a moving Newtonian fluid 1-19873
- Buchler, J.R., Barranco, M., Livio, M. X-ray burst sources—a simple two zone model 1-49861
- Buchler, J.R., Livio, M. Supernova explosions—the role of a Rayleigh-Taylor instability 1-44584
- Buchler, J.R. see Barranco, M. 1-5723, 1-49702
- Buchler, J.R. see Livio, M. 1-54353
- Buchler, U. see Baer, T. 1-19135
- Buchmuller, W., Dietz, K. Multiparticle bound states in QED 1-551
- Buchmuller, W., Remiddi, E. Contributions to positronium hyperfine splitting from second-order perturbation theory 1-37370
- Buchner, H. see Schmidt-Ihn, E. 1-43827
- Buchner, H. see Toepfer, J. 1-21937
- Buchner, K., Rosca, R. Production of gravitational waves through electromagnetic radiation 1-141
- Buchner, S. see Ching, L.Y. 1-48066
- Buchner, S.P. see Sun, T.S. 1-16380
- Buchsbaum, G. A model for atomic color perception in spatially complex visual fields 1-13250
- Buchsbaum, G. A spatial processor model for object color perception 1-22015
- Buchsenschutz, R. Study of the behaviour of European steels in hydrogen. Effect on pressure vessels for gaseous H_2 storage and transport 1-43533
- Buchwald, G. see Stocker, H. 1-50620
- Buchwald, J. see Squires, N. 1-32136
- Buchwald, J.S. see Chi-Ming Huang 1-4290
- Buchwald, M.I. see Nelson, L.Y. 1-33663
- Buchwald M.Cusker, S. see Diehl, R.L. 1-37715
- Buck, B., Sukumar, C.V. Exactly soluble model of atom-phonon coupling showing periodic decay and revival 1-37447
- Buck, B.M., Greene, C.R. A two-hydrophone method of eliminating the effects of nonacoustic noise interference in measurements of infrasonic ambient noise levels 1-11272
- Buck, C. Structure functions and quark models 1-5584
- Buck, K. see Dancer, A. 1-13252
- Buck, K. see Smigielski, P. 1-9066
- Buck, O., Morris, W.L., James, M.R. Remaining fatigue life prediction in the initiation regime using SAW NDE 1-48591
- Buck, O. see James, M.R. 1-43622
- Buck, O. see Morris, W.L. 1-53269
- Buck, P. see Wacker, K. 1-2386
- Buck, S.L. see Frome, F.S. 1-53789
- Buck, U., Huisken, F., Schleusener, J., Schaefer, J. State resolved rotational excitation in HD^+ collisions. I. Angular dependence of 0-1 transitions 1-37314
- Buck, U., Schleusener, J., Malik, D.J., Secrest, D. On the argon-methane interaction from scattering data 1-46064
- Buck, U. see Andres, J. 1-33551
- Buck, W. see Parisi, J. 1-3117
- Bucker, H.P. Cross-sensor processing for a U-shaped array 1-11248
- Bucker, H.P. Wave propagation in a duct with boundary scattering (with application to a surface duct) 1-29442
- Buckhardt, W. see Annault, C. 1-23947
- Buckli, M., Novak, V., Savitsky, Ye.M., Burkanov, G.S., Kirillova, V.M. Work-hardening in tungsten single crystals between 77 and 1343 K 1-12762
- Buckingham, A.D. The effects of collisions on molecular properties 1-6337
- Buckingham, A.D., Joslin, C.G. The second dielectric virial coefficient of dipolar hard-sphere fluids 1-3315
- Buckingham, A.D. see Bishop, D. 1-33577
- Buckingham, A.D. see Jameson, C.J. 1-33404
- Buckingham, M.J., Herring, C. Explanation for an apparent magneto-electric effect in quark search experiments 1-41022
- Buckle, E.R. Nucleation and growth of fume particles 1-43715
- Buckle, E.R., Pointon, K.C., Tsakiroopoulos, P. Crystallography of metallic aerosol precipitates. II. Solidification of droplets to aspherical crystals in cadmium and zinc 1-31448
- Buckler, M.J., Shiever, J.W., Partus, F.P. Optimization of multimode fiber bandwidth via differential group delay analysis 1-11204
- Buckles, W.E., Klein, S.A. Analysis of solar domestic hot water heaters 1-17156
- Bucklew, J.A. see Gallagher, N.C., Jr. 1-19283
- Buckley, D.H. see Miyoshi, K. 1-31671, 1-43537
- Buckley, L.P., Speranzini, R.A. Evaluation of matrices for immobilizing ion-exchange resins 1-23834
- Buckley, M. see Gupta, S.M. 1-49108
- Buckley, N.W. see Griffin, A.C. 1-38283
- Buckley, R.A. see Rajkovic, M. 1-35251
- Buckley, S. see Mustacchi, C. 1-32044
- Buckley-Golder, I.M., Tanner, B.K. Deformation studies of initially dislocation-free copper crystals. III. In situ X-ray topography 1-21528
- Bucklow, I.A. see Elliott, S. 1-21578
- Buckman, A.B., Montgelas, R.A. Waveguiding surface damage layer in $LiTaO_3$ 1-37603
- Buckman, R.W., Jr. see Svedberg, R.C. 1-12669
- Buckmaster, H.A., Chang, W.J., Malhotra, V.M. Lanthanide hydroxide host lattice effects in the EPR spectra of Gd^{3+} ions 1-26034
- Buckmaster, H.A., Delay, D.B. Electron paramagnetic resonance of transition-metal lanthanide and actinide ions in solids. 1976 review 1-26031
- Buckmaster, H.A., Delay, D.B. Electron paramagnetic resonance of transition-metal, lanthanide and actinide ions in solids, 1977 review 1-43002
- Buckmaster, H.A. see Chatterjee, R. 1-52975
- Buckmaster, H.A. see Malhotra, V.M. 1-34936
- Buckmaster, J.D. see Adrian, R.J. 1-29790
- Bucknall, C.B., Stevens, W.W. Rubber toughening of plastics. V. Fatigue damage mechanisms in ABS and HIPS 1-31595
- Bucknall, C.B. see Hutchinson, J.M. 1-35327
- Bucko, J. see Olszewski, K.J. 1-39979
- Bucksbaum, P., Commins, E., Hunter, L. New observation of parity nonconservation in atomic thallium 1-46150
- Buckwalter, C.Q., McVay, G.L. Inhibiting degradation of wet process manufactured solar mirrors 1-12914
- Buckwalter, C.Q. see McVay, G.L. 1-28633
- Bucurescu, D., Constantinescu, G., Ivascu, M., Zamfir, N.V., Avrigeanu, M. Recoil-distance measurements of the lifetimes of high-spin states in ^{83}Sr and ^{85}Sr 1-41078
- Bucys, K.I. see Petrauskas, A.K. 1-18562
- Buczek, D., Sastri, S. The characterization of the oxides formed on iron, chromium, and iron-chromium alloy thin films 1-8467
- Buczko, J. Audiometers of Medior Works 1-17464
- Buda, I.S., Vygodskii, A.M., Gorbatyuk, V.I. Relationship between thermomagnetic and galvanomagnetic coefficients of many-valley semiconductors in classically strong magnetic fields 1-34729
- Budaev, B.S. Special features of the solution of the problem of a point source in an elastic, anisotropic medium in the presence of a free boundary 1-27085
- Budak, H. A new level-crossing double resonance spectrometer (NMR-NQR) for the investigation of ^{14}N NQR spectra 1-28047
- Budanov, N.P. see Aleksandrov, Yu.A. 1-5634
- Budanov, N.P. see Antipov, Yu.M. 1-5663, 1-45376
- Budanov, V.G., Bur'yakov, V.B., Rusakov, O.M., Svistunov, Yu.I., Solov'ev, V.D. The gravitational model of the eastern Caribbean region 1-22184
- Budanov, Yu.A. Unitarized perturbation theory in the quasipotential approach 1-49989
- Budarnykh, V.I., Krasnov, V.F. Impurity scattering of hot electrons in the space-charge regions of hole semiconductors 1-52568
- Budd, T. see Douglas, J.A. 1-951, 1-41256
- Budde, W. The gloss trap in diffuse reflectance measurements 1-14163
- Budde, W. A reference instrument for 20° , 60° and 85° gloss measurements 1-50093
- Budden, K.G., Stott, G.F. Rays in magneto-ionic theory. II 1-24976
- Budding, E. Narrow band photometry and observable effects in Algol type systems 1-9581
- Budding, E., Kopal, Z. Photovisual light curve and photometric elements of the eclipsing nucleus of the planet nebula Abell 63 1-22835
- Budding, E., Najim, N.N. The system VV Ori and the consistency of photometric analysis of eclipsing binary light curves 1-13765
- Budding, E. see Awadalla, N.S. 1-13814
- Buddo, V.I. see Lozokii, V.N. 1-30580
- Buder, R. see Dumas, J. 1-12274
- Budevski, E., Bostanov, V., Staikov, G. Electrocrystallization 1-38695
- Budevski, E. see Staikov, G. 1-42332
- Budiansu, G. On some electrical properties of the cells with nematic liquid crystals having different doped electrodes 1-46991
- Budick, B., Angstein, R., Kast, J.W. Prompt γ -rays from ^{208}Pb following neutron emission from muonic ^{208}Pb 1-23591

- Budin, G.N. Hypersonic boundary-layer flow with mass transfer on power-law bodies 1-15512
- Budinger, T.F. *see* Gullberg, G.T. 1-53871
- Budinich, M. *see* Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Budker, V.G. *see* Yerenko, S.I. 1-39898
- Bud'ko, N.I. Amplitude spectrum of ion-cyclotron whistlers near the ion gyrofrequency 1-22630
- Budnar, M., Kregar, M., Miklavcic, U., Ramsak, V., Ravnikar, M., Rupnik, Z., Val-kovic, V. Some improvements on a scattering chamber for PIXE 1-28134
- Budnev, N.M., Orlov, A.I. $\text{Rho}^+(1250)$ meson in e^+e^- annihilation 1-577
- Budnev, N.M., Polityko, S.I. $\phi \rightarrow 2\pi$ decay 1-5621
- Budnev, V.M., Ginzburg, I.F., Serbo, V.G. Sum rules for $\gamma\gamma$ -scattering and the role of the $\gamma\gamma \rightarrow q\bar{q}$ process 1-14439
- Budnick, J.I. *see* Niculescu, V.A. 1-52537
- Budnik, A.P., Svirskunov, P.N. Charged-particle beam propagation in an inhomogeneous medium with a radial force 1-24341
- Budnik, P.I. *see* Brodin, M.S. 1-30647
- Budnikov, A.A. *see* Khundzhua, G.G. 1-54196
- Budnikov, V.N., Varfolomeev, V.L., Novik, K.M., Piliya, A.D. Investigation of enhanced scattering associated with linear wave transformation 1-24938
- Budnitz, R.J. Highlights of the NRC licensing process and the NRC R&D program for deep geological storage facilities 1-804
- Budny, R. Thermal responses of large area toroidal limiters in TFTR 1-25076
- Budny, R. Charged V+A currents in left-right symmetric gauge models 1-28267
- Budny, R. *see* Cohen, S.A. 1-50928
- Budov, V.M. *see* Subbotin, V.I. 1-28529
- Budrin, S.V., Strumitskii, V.E. Characteristics of the propagation of a low-frequency normal mode in a cylindrical waveguide 1-37657
- Budtov, V.P., Gandel'sman, M.I. Mechanism of the strengthening of polystyrene plastics with rubber 1-12860
- Budtsev, V.Ya. *see* Belago, V.A. 1-45090
- Budurov, S., Boshinov, W. Cellular precipitation kinetics in supersaturated FCC nickel-indium alloy 1-8316
- Budurov, S., Boshinov, W. Cellular precipitation kinetics in supersaturated FCC nickel-tin alloy 1-8317
- Budurov, S.J., Boshinov, W.S., Kovatchev, P.D. Interdiffusion in FCC Ni-In alloys 1-20478
- Budyanskiy, V.I., Ostapenko, S.S., Sheinkman, M.K. Decomposition of a complex spectrum into components with the aid of polarization modulation 1-5407
- Budzanowski, A. *see* Skwirczynska, I. 1-10298
- Budziak, A. *see* Adam, I. 1-50507
- Budzinski, E.E. *see* Box, H.C. 1-4106
- Budzinski, E.E. *see* LoBrutto, R. 1-34942
- Budzyak, A. *see* Adam, I. 1-636
- Budzyak, A. *see* Yulov, Ts. 1-45422
- Budzyak, A.V., Krets, T., Kuznetsov, V.V., Lebedev, N.A., Lizurei, G.I., Yushkevich, Yu.V., Yanitskiy, M. The positron decay of ^{147}Eu and ^{153}Dy 1-45466
- Budzyak, A.V. *see* Batsev, S. 1-45384
- Buechele, J.L., Weitz, E., Lewis, F.D. Vibrational energy distributions in CO_2 produced in laser-induced infrared multiphoton reactions: the decarboxylation of vinyl acetic and pyruvic acids 1-33457
- Buemi, G., Raudino, A., Zuccarello, F. A MINDO/3 and INDO/S study on some methoxynitroanilines 1-51120
- Buemi, G., Zuccarello, F., Raudino, A., Grasso, D. Molecular conformation of cyclones. IX. Asymmetrical 1,3,6-cyclononatriene and 1,3,6-cyclodecatriene 1-24278
- Buemi, G. *see* Zuccarello, F. 1-45851
- Buene, L. *see* Draper, C.W. 1-35451
- Buenerd, M., Lebrun, D., Martin, Ph., de Saintignon, P., Perrin, C. Evidence for deformation effect on the giant monopole resonance 1-28444
- Buenerd, M. *see* Lebrun, D. 1-18620, 1-41089
- Buenker, R.J. *see* Romelt, J. 1-33370
- Buenker, R.J. *see* Wright, J.S. 1-14834
- Bueno, W.A. Infrared and Raman spectra of Ph_3SiOH , Ph_3SnOH and Ph_3POH 1-31153
- Buettner, H.M. Compact directional VHF antennas 1-27255
- Buevich, Yu.A., Deryabin, A.N. Mass transfer from a single bubble to the dense phase of a fluidized bed at large Peclet numbers 1-51866
- Buevich, Yu.A., Ryvkin, A.A. Structurization of moderately concentrated, highly disperse systems. Quasiequilibrium aggregation under conditions of steady-state flow 1-48739
- Buevich, Yu.A., Ryzhkov, A.F., Kharisova, N.M. Instability of a vibrational fluidized bed 1-15539
- Buevoz, J.J. *see* Bochu, B. 1-15878
- Buffat, Ph. *see* Gotthardt, R. 1-30232
- Buffett, C.E., Morris, M.D. Rapid scan inverse Raman spectroscopy 1-50221
- Buffoni, L., Chlistovsky, F., Manara, A., Mazzoleni, F. Time and latitude results of observations made at Merate Observatory with the astrolabe for the year 1978 1-9347
- Buffon, J.L. *see* Stewart, R.W. 1-9285
- Bugaets, O.P., Zhigolev, D.A. Energy structure calculations for C, N and O atoms in an infinitely deep potential well 1-37109
- Bugaev, A.A., Kulikovskii, S.Yu. Spatial coherence in the Alford and Gold experiment 1-41575
- Bugaev, E.V., Rudzsky, M.A., Seidov, Z.F. On the quasideuteron mechanism of neutrino-nucleus interaction 1-28465
- Bugaev, E.V. *see* Bezrukov, L.B. 1-36866
- Bugaev, L.A. *see* Vedrinskii, R.V. 1-42667
- Bugaev, S.P., Dergobuzov, K.A., Karmadonov, A.N., Kononov, B.A., Koshelev, V.I., Yagushkin, N.I. Spectrometer for high-current hollow electron beams 1-1000
- Bugaev, S.P., Kreindel', Yu.E., Shchanin, P.M. Generation of high-energy electron beams of large cross sections (review) 1-36769
- Bugai, A.A., Vikhnin, V.S., Kustov, V.E. Spin-phonon interactions of a Jahn-Teller Fe^{2+} center in Si. Spin-lattice relaxation and axial pressure effect 1-21042
- Bugai, A.A., Vikhnin, V.S., Kustov, V.E., Semenov, Yu.G. Nonlinear uniaxial pressure effect in the EPR spectrum of the Cr^0 Jahn-Teller center in Si 1-7943
- Bugai, A.A. *see* Barsanskii, P.I. 1-34926
- Bugai, N.V., Krivenyuk, V.V., Avramenko, D.S. Using short-time mechanical characteristics to evaluate the long-time strength properties of steel 12Kh1MF 1-39391
- Bugajski, M. *see* Kaniewski, J. 1-43189
- Bugajski, M. *see* Nakawski, W. 1-6558
- Bugajski, S., Lahti, P.J. Fundamental principles of quantum theory 1-9859
- Bugakov, A.V., Ievlev, V.M., Ievlev, V.P. Orientation relations at the interfaces of epitaxial Au-Ni and Ag-Mo films 1-2831
- Bugakov, V.I. *see* Saifuddinov, V.Z. 1-38343
- Bugayev, A.A. Recording a volume image on a wavelength which does not exist in the source of emission 1-51410
- Buget, U. Schottky emission through Al_2O_3 thin films 1-30807
- Bugg, D.V. How to improve np phase-shifts at 25 and 50 MeV 1-578
- Bugg, D.V. Comments on the paper of Hidaka and Yokosawa, 'Survey of structures revealed in nucleon-nucleon scattering experiments and dibaryon resonances' 1-28349
- Bugg, D.V. *see* Watts, S.J. 1-5648, 1-23518
- Bugge, L., Myrheim, J. Tracking and track fitting 1-28832
- Bugli, E. *see* Bewilogua, K. 1-53263
- Bugliarello, G. *see* Ting-Cheng Hung 1-53799
- Bugnet, P. *see* Daunay, J. 1-48036
- Bugnion, F. Energy stake and nuclear risks 1-5819
- Bugorski, A.P., Vidyakin, G.S., Vyodorov, V.N., Gurevich, I.I., Kirillov, B.F., Kozlov, Yu.V., Martemyanov, V.P., Sukhotin, S.V., Tarasenko, V.G., Khakimov, S.Kh. The search for neutron activation of targets irradiated with 70 GeV protons 1-18653
- Bugrov, V.Ya., Vorob'ev, A.V., Moshkin, V.I., Rodionov, Yu.P., Sharov, A.A. Determination of certain electrophysical parameters of integrated structures by a photoelectric method 1-25799
- Bugyjas, J. *see* Wenzel, G. 1-361
- Buhks, E., Bixon, M., Jortner, J. Effects of medium modes on electron transfer in a biological system 1-48944
- Buhl, A.R., Allen, J.W., Levert, F.E., Oh, C., Robinson, J.C. An assessment of plant instrumentation-meeting operational needs 1-28650
- Buhl, A.R., Robinson, F.C., Oakes, L.C., Cain, D.G. Core condition derived from instrumentation responses during the Three Mile Island accident 1-10486
- Buhl, A.R., Robinson, J.C. Reactor diagnostics passed the TMI test 1-18827
- Buhl, D. *see* Chin, G. 1-54384
- Buhl, L.L. *see* Alfness, R.C. 1-11183, 1-15257
- Buhl, L.L. *see* Economou, N.P. 1-51609
- Buhl, P. *see* Herron, T.J. 1-35954
- Buhl, R., Preisinger, A. Studies of dynamic effects at non-metal surfaces with incident low energy electrons 1-8642
- Buhl, R. *see* Lardon, M. 1-7495
- Buhler, H.-E., Herget, C., Velicescu, M. Microprobe and TEM investigations into samarium-cobalt magnets of the 1-7 type 1-52304
- Buhler, H.-E. *see* Aydin, I. 1-43631
- Buhler, K., Oertel, H., Jr. Convection currents in a heated and rotated container 1-37937
- Buhlmeier, K. Possibilities and significance of 70 mm fluorography in the context of angiocardiology of infants and children 1-9004
- Buholz, N.E. Selected five color operation of a CO_2 laser 1-46388
- Buhrer, R. *see* Buhrer, W. 1-28787
- Buhrer, W., Bill, H. Lattice dynamics of Na_2S 1-11823
- Buhrer, W., Buhrer, R., Isacson, A., Koch, M., Thut, R. Monochromator- and analyser-crystal with variable curvature for triple-axis spectrometers 1-28787
- Buhrer, W. *see* Bruesch, P. 1-2688
- Buhrman, R.A. *see* Bastuscheck, C.M. 1-38899
- Buhrman, R.A. *see* Kleinsasser, A.W. 1-38897, 1-47812
- Bui, D.M. *see* Thompson, D.J. 1-4294
- Bui, T.D., Bui, T.R. Solving stiff differential equations for simulation: applications to the simulation of a new molecular laser system 1-51444
- Bui, T.M. *see* Salcedane, M. 1-750
- Bui, T.R. *see* Bui, T.D. 1-51444
- Buikman, D. *see* Barber, D. 1-14407
- Buikman, D. *see* Barber, D.P. 1-534, 1-28309
- Buikov, M.V. On the formation of large drop accumulation zone on the periphery of hail clouds 1-44244
- Buimistrov, V.M., Krotov, Yu.A., Trakhtenberg, L.I. Photon emission in collisions between protons or positrons and atoms 1-6370
- Buimistryuk, G.Ya. *see* Dmitriev, A.Ya. 1-23338
- Buinov, N.N., Kaigorodova, L.I., Kaufman, E.Ya., Komarova, M.F., Rabinovich, L.V., Kharitonova, T.A. Electron microscope investigation of the structure and dimensional stability of alloys SnSi 1-30228
- Buinov, N.N. *see* Kaigorodova, L.I. 1-26507
- Buinov, N.S. *see* Bokhan, Yu.I. 1-31102
- Buis, N., Disveld, P., Brommer, P.E., Franse, J.J.M. Magnetic properties of some off-stoichiometric $\text{Ti}(\text{Fe}_{0.5}\text{Co}_{0.5})$ compounds 1-47923
- Buishvili, L.L., Giorgadze, N.P. Influence of high-frequency electron spin oscillations on NMR in ferromagnets 1-3275
- Buishvili, L.L., Menabde, M.G. Line profile of NMR of ferromagnets in a rotating system of coordinates 1-12414
- Buishvili, L.L., Metreveli, I.M., Fokina, N.P. Longitudinal cross-relaxation susceptibility 1-21032
- Buishvili, L.L., Metreveli, I.M., Fokina, N.P. Nuclear relaxation and nuclear-nuclear double resonance in systems with inhomogeneous EPR broadening 1-52861
- Buishvili, L.L., Tugushi, A.I. Nuclear spin-lattice relaxation in semi-quantum fluids 1-31057
- Buishvili, L.L., Giorgadze, N.P., Tugushi, A.I. Optical polarization of nuclei in the presence of deep impurity levels 1-21084
- Buisson, R., Vial, J.C. Transfer inside pairs of Pr^{3+} in LaF_3 studied by up-conversion fluorescence 1-48152
- Buist, R.J. Universal thermoelectric design curves 1-48902
- Buitrago, J., Alvarez, P., Lopez, G., Mujica, A., Sanchez, F. Method for determining dust particle density above the ecliptic plane 1-54418
- Buj, J. Microwave communications from interplanetary space 1-4744
- Buja, L.M. *see* Lewis, M.H. 1-22122
- Bujanska, M. *see* Sedzimir, J. 1-48556
- Bujarbaru, S., Shukla, P.K., Das, A.C. Excitation of ULF and VLF waves in the ionosphere 1-27340
- Bujarbaru, S. *see* Schamel, H. 1-29872
- Bujarbaru, S. *see* Yu, M.Y. 1-11558
- Bujarrabal, V., Nguyen-Q-Rieu Interpretation of OH main line anomalies in interstellar clouds 1-27339
- Buka, Yu.A. *see* Lagzdons, Yu.L. 1-47654
- Bukach, A.B. *see* Granitskii, L.V. 1-27386
- Bukata, R.P. *see* Jain, S.C. 1-22373
- Bukchin, B.G., Levshin, A.I. Propagation of Love waves across a vertical discontinuity 1-29616
- Buker, H., Jungclauss, D., von Eyss, H.J., von Osten, W. Physical protection system of nuclear material in the Federal Republic of Germany 1-14593
- Buketov, E.A. *see* Isabaev, S.M. 1-8285
- Bukhalenko, V.V., Zelinskaya, G.M., Il'inskii, A.G., Romanova, A.V. Study in structure of ferrocarbonic melts with magnesium and sulphur impurities 1-2312
- Bukhalenko, V.V. *see* Dekhtyar, I.Ya. 1-7208
- Bukhalova, G.A., Mardirosova, I.V., Rabkina, I.G., Savenkova, M.A. The system $\text{AgPO}_3\text{-Mn}(\text{PO}_3)_2$ 1-35240
- Bukhalova, G.A. *see* Mardirosova, I.V. 1-31435
- Bukhan'ko, F.N. Dynamic narrowing of the ESR spectrum of Jahn-Teller Pr^{3+} ions in the rhombohedral phase of BaTiO_3 1-52840
- Bukharkin, E.N. Mathematical model of contact heat exchange of a gas and water during adiabatic evaporation 1-11405
- Bukharov, M.N., Vukolopov, V.M., Vystavkin, A.N., Oleinikov, A.Ya., Pososhenko, L.Z., Strel'nikov, V.N., Timofeev, V.A., Tikhomirov, N.A. Unified automation system for experiments on expeditions 1-49400
- Bukhbinder, I.L., Gitman, D.M., Frolov, V.P. Density matrix for particle production processes in an external field 1-50353

- Bukhman, Yu.A.**, Lipatov, V.I., Litvinov, A.I., Mitel'man, B.I., Shulman, Z.P. Calculation of the temperature field of a shaft sealed by magnetic fluid 1-19759
- Bukhman, Yu.A.**, Lipatov, V.I., Litvinov, A.I., Mitel'man, B.I., Shulman, Z.P. Steady-state laminar nonlinear-viscoplastic fluid flow in annular channels of different configuration 1-51874
- Bukhrovost, A.P.**, Lipatov, L.N. Instanton-anti-instanton interaction in the $O(3)$ non-linear σ model and an exactly soluble fermion theory 1-40933
- Buki, A.Yu.** see Shevchenko, N.G. 1-626
- Bukin, G.V.**, Korobkov, Yu.S., Sazonov, Yu.A. Electron density distribution in the Earth's magnetosphere in a period close to the solar activity minimum, according to observations of artificial VLF signals 1-4706
- Bukin, L.A.**, Eranosyan, G.M., Dargevich, V.G. Some optical characteristics of vapor-synthesized vitreous silica doped with Al_2O_3 1-12528
- Bukin, Yu.I.** see Balabanov, E.I. 1-48707
- Bukovics, C.** see Grabner, W. 1-29146
- Bukow, H.H.**, Heine, G. On two transitions in the quartet spectrum of Li I 1-45923
- Bukow, H.H.** see Carre, M. 1-1297
- Bukowski, M.S.T.**, Hauser, J. Pressure induced metallization of SrO and BaO: theoretical estimate of transition pressures 1-16232
- Bukowska-strzyzewska, M.**, Dobrowolska, W., Skoweranda, J., Gajda, T., Zwierczak, A. Synthesis of C15-3,4-dibromopyrrolidine and its crystal and molecular structure 1-25246
- Bukreev, V.I.** Waves generated at an interface between two fluids of different densities by the motion of a circular cylinder and a symmetric wing 1-46763
- Bukreev, V.S.**, Vagin, V.A. Choice of diaphragms for the premonochromator of the UFS-02 high-resolution Fourier spectrometer 1-350
- Bukreev, Yu.F.** see Malakhov, S.K. 1-17128
- Bukhsapian, S.**, Van Rossum, M., Pattyn, H., Verbiest, E., Coussement, R. Mossbauer studies of ^{57}Co implanted in solid oxygen 1-47987
- Bukun, N.G.** see Ukshe, E.A. 1-42571
- Bulaevskii, L.N.** see Buzdin, A.I. 1-30872, 1-47500
- Bulakh, B.M.**, Kozlovskiy, V.I., Moiseeva, N.K., Nasibov, A.S., Pekar, G.S., Reznikov, P.V. Growth of bulk zinc chalcogenide single crystals from the vapour phase and their use for laser screens of projection colour television 1-43254
- Bulakh, B.M.** see Kulish, N.R. 1-21229
- Bulakh, G.I.**, Ostrovsky, I.V. Nonuniformity of a nonlinear acoustoelectronic interaction in piezosemiconductive plates 1-16319
- Bulang, W.G.** Solar wave recovery from the air 1-17291
- Bulanin, M.O.**, Bulychev, V.P., Khodos, E.B. Calculation of the broadening coefficients of vibration-rotation lines of CO_2 1-29045
- Bulanin, M.O.**, Bulychev, V.P., Khodos, E.B. Determination of the parameters of the vibrational-rotational lines in the 9.4 and 10.4 μm bands of CO_2 at different temperatures 1-33510
- Bulanov, S.V.**, Dogel, V.A. Mechanisms of cosmic ray acceleration and propagation in the Galaxy 1-36119
- Bulanov, S.V.**, Syrovatskii, S.I. Magnetohydrodynamic oscillations and waves in the vicinity of a zero line of a magnetic field 1-38069
- Bulanyni, P.F.** see Polyakov, S.P. 1-46923
- Bulanze, Yu.D.** Correction to the Potsdam system 1-13380
- Bulashevich, Yu.P.** Possible evolution of the Earth's thermal regime 1-22219
- Bulatov, E.D.**, Kozlov, D.N., Otlavichik, E.A., Pashinin, P.P., Prokhorov, A.M., Sisakyan, I.N., Smirnov, V.V. Automated high-resolution CARS spectrometer and coherent spectroscopy of the Raman scattering by tetrahedral molecules 1-33065
- Bulatova, L.G.** see Tikhomirova, N.A. 1-21150, 1-26146
- Bulayevskii, L.N.** see Buzdin, A.I. 1-30968
- Bulbulian, S.** see Lopez, B. 1-21753
- Buleev, N.I.** see Alekseev, P.N. 1-10421
- Buleon, A.**, Chanzy, H. Single crystals of cellulose IV_{II} : preparation and properties 1-15812
- Buler, P.L.**, Esin, O.Yu., Toporischev, G.A. Anodic processes in the iron-oxide-borate-glass melt system 1-17071
- Bulgadzev, S.A.** Two-dimensional integrable field theories connected with simple Lie algebras 1-14270
- Bulgakov, V.V.**, Gavriluk, V.I., Makovetskii, Yu.V., Muzalev, P.N., Fockistov, A.I., Frantsov, Yu.E. Determination of the ratio of the L-subshell internal conversion coefficients for certain E2 transitions in rare-earth nuclei 1-23603
- Bulgakov, Yu.V.**, Kolomenskaya, T.I., Kuznetsov, N.V., Yatsenko, L.A. The dependence of the resistance profile in silicon irradiated with hydrogen and helium ions on the ion energy and fluence 1-7612
- Bulgakov, Yu.V.**, Kolomenskaya, T.I., Kuznetsov, N.V., Yatsenko, L.A. Measurement of average projective ranges of ions with energies of hundreds and thousands of keV in silicon using the resistance technique 1-38416
- Bulgakov, Yu.V.**, Kuznetsov, N.V., Yatsenko, L.A. The effect of annealing upon the resistivity distribution subsurface layers of silicon irradiated with hydrogen and helium ions 1-7613
- Bulgakov, Yu.V.**, Yatsenko, L.A. A study of the profile of radiation-disturbed layers in silicon by a spreading current probe 1-52164
- Bulger, J.** see Gibson, J. 1-40423
- Bulin, N.K.** The Mohorovicic discontinuity beneath the oceans 1-22295
- Bulinski, A.** see Garton, A. 1-21654
- Bulka, B.R.** On the electron relaxation time and the thermopower in one-dimensional metals 1-30731
- Bulka, B.R.**, Graja, A., Flandrois, S. On the magnetic susceptibility of some N-methyl derivatives of pyridine with TCNQ 1-25868
- Bulka, B.R.** see Bandyopadhyay, A.K. 1-12101
- Bulkin, A.P.**, Kezerashvili, V.Ya., Kudryashov, V.A., Pirozhkov, A.N., Siromyatnikov, V.G., Kharchenkov, V.P., Shchbetov, A.F. Five-meter neutron polarizing guide-tube at the Leningrad Nuclear Physics Institute 1-23918
- Bulkin, B.J.** see Grasselli, J.G. 1-36470
- Bulkin, J.M.** see Ananjev, V.D. 1-28690
- Bulkin, V.S.**, Berezin, F.N., Gorpinich, O.K., Kisurin, V.A., Patlan, Yu.V., Struyk, Yu.S., Tokarevskii, V.V., Shcherbin, V.I. Interaction between 27.2-MeV alpha particles and the ^{29}Si nucleus 1-45514
- Bull, D.J.** see Prince, F.C. 1-15181
- Bull, R.K.** The use of solid state track detectors in teaching. II 1-5054
- Bull, R.K.**, Durran, S.A. Fission-track retention age of the Bondoc mesosiderite 1-4834
- Bull, S.R.** see Klein, D.E. 1-11406
- Bull, S.R.** see Panhuise, V.E. 1-41278
- Bulla, W.** Weyl operators for quantized systems with non-commutative classical phase space 1-28226
- Bullard, J.E.**, Petchul, J.J. Diversion resistance of a chloride volatility reprocessing system for UO_2/ThO_2 fuel 1-871
- Bullett, D.W.** The energy band structure of V_2O_5 : a simpler theoretical approach 1-2868
- Bullett, D.W.** Anomalous band broadening of adsorbed chalcogen monolayers on Al(111) 1-34766
- Bullo, P.** Wind energy: current situation and future prospects 1-26812
- Bullock, D.L.** Saturation of the gain and index of refraction in HF CW chemical lasers 1-37490
- Bullock, F.W.** see Erriques, O. 1-23490
- Bullock, K.R.**, Tiedeman, W.H. The corrosion of a strontium-lead alloy in sulfuric acid 1-21627
- Bullock, P.**, Murphy, C.P. Towards the quantification of soil structure 1-49268
- Bullock, R.E.** Design of coated fuel particles for a hybrid fusion-fission system 1-36998
- Bullot, J.** see Baird, J.K. 1-51235
- Bullough, R.**, Wood, M.H. Numerical calculations of the effect of recombination on sink strengths in the rate theory of void swelling, irradiation creep and growth 1-779
- Bullough, R.** see Little, E.A. 1-784
- Bullough, R.** see Windsor, M.E. 1-5857
- Bullough, R.**, Caudey, P.J. (editor) Solitons 1-36467
- Bullough, R.K.**, Caudey, P.J. The soliton and its history 1-36486
- Bullough, R.K.**, Caudey, P.J., Gibbs, H.M. The double sine-Gordon equations: a physically applicable system of equations 1-36506
- Bullough, R.K.** see Abraham, E. 1-6198, 1-29328
- Bullough, R.K.** see Hassan, S.S. 1-6530
- Bullough, R.K.** see Lakshmanan, M. 1-34846
- Bullough, R.K.** see Timonen, J. 1-52762
- Bullough, T.J.** see Tasker, P.W. 1-52154
- Bulman, G.M.** see Lazardes, C. 1-53577
- Bulman, J.B.** see Guertin, R.P. 1-47781
- Bulmer, C.H.** see Burns, W.K. 1-6647
- Bulos, F.** see Partridge, R. 1-10207
- Bulpitt, T.H.**, Walker, R.A. Unique optical system for conversion of existing photometers into scanning microphotometers 1-324
- Bulpitt, W.S.** see Dixit, B.S. 1-53644
- Bulski, M.** SCF non-additivity of the interaction energy in the neon trimer 1-51099
- Bulski, M.**, Chalasiński, G. Many-orbital cluster expansion for the exchange-repulsion nonadditivity in the interaction of rare gas atoms. The neon trimer 1-28869
- Buluggiu, E.**, Vera, A. Computation of principal values and directions of tensors in the spin Hamiltonian 1-42936
- Bulvestre, G.** see Gout, M. 1-38773
- Bulyarskii, S.V.**, Burbulya, N.F., Golban, G.N., Samus, I.D. Thin-film temperature detector based on nickel dimethylglyoximate 1-18228
- Bulychev, S.I.**, Alekhin, V.P., Komissarov, A.P., Makhlin, N.A. Mechanical properties of aluminium damaged layer under helium ions irradiation 1-20275
- Bulychev, V.P.** see Bulanin, M.O. 1-29045, 1-33510
- Bulycheva, V.P.** see Klokov, N.P. 1-14109
- Bulycheva, Z.N.** see Mironov, L.V. 1-7882
- Bulyshier, A.E.**, Vedernikov, G.A., Preobrazhenskii, N.G. Calculation of laser resonator characteristics 1-6585
- Bumb, R.R.**, Crummett, W.B., Cutie, S.S., Giedhill, J.R., Hummel, R.H., Kagel, R.O., Lamparski, L.L., Luoma, E.V., Miller, D.L., Nestrick, T.J., Shadoff, L.A., Stehl, R.H., Woods, J.S. Trace chemistries of fire: a source of chlorinated dioxins 1-53426
- Bumba, V.**, Hejna, L. Some peculiarities in the development of the large August 1972 sunspot group 1-40452
- Bumfrey, T.J.** see Petrak, K.L. 1-47299
- Bumm, L.A.** see Kerker, M. 1-6262
- Bunakov, V.E.** On physical assumptions for the validity of master equations in nuclear reaction theory 1-18608
- Bunakov, V.E.** Master equations in nuclear reaction theory 1-23612
- Bunatyan, G.G.** see Aleksandrov, Yu.A. 1-18575
- Bunce, G.** see Bozoki, G. 1-45752
- Bunce, G.** see Yamin, P. 1-45372
- Bunce, L.** see Bretthauer, E.W. 1-45742
- Bunch, J.M.** see Hurley, G.F. 1-2518
- Bunch, T.E.**, Chang, S. Carbonaceous chondrites. II. Carbonaceous chondrite phyllosilicates and light element geochemistry as indicators of parent body processes and surface conditions 1-40436
- Bunch, T.S.** BPHZ renormalization of $\lambda\phi^4$ field theory in curved spacetime 1-50300
- Bund, G.W.** see Brinati, J.R. 1-5761
- Bunde, A.**, Dieterich, W. Structure of liquids in a periodic potential 1-42281
- Bunde, A.**, Dieterich, W. Structure of liquids in a periodic potential 1-52037
- Bundel, A.A.** see Nepochatov, V.M. 1-8273
- Bunding, K.A.**, Birke, R.L., Lombardi, J.R. The surface enhanced Raman spectrum of 2,6-lutidine 1-28979
- Bundy, F.P.** The P, T phase and reaction diagram for elemental carbon, 1979 1-43322
- Bundy, F.P.**, Dunn, K.J. Electrical behavior of Te, Se, and S at very high pressures and low temperatures: superconduction transitions 1-12221
- Bundy, F.P.**, Dunn, K.J. Electrical behavior of Te, Se, Si and I to pressures of about 500 kbar and temperatures down to 2.7 K 1-30737
- Bundy, F.P.** see Dunn, K.J. 1-34700, 1-38881, 1-42531
- Bundy, F.P.** see Wentorf, R.H. 1-12682
- Bundy, J.** see Hsieh, S.Y. 1-45736
- Bunel, S.**, Ibara, C., Rodriguez, M., Urbina, A., Buntun, C.A. The visible circular dichroism of mixed complexes of Cu(II) with chiral acids and amines 1-52913
- Buneman, O.** Ideal gasdynamics in Hamiltonian form with benefit for numerical schemes 1-2012
- Buneman, O.**, Barnes, C.W., Green, J.C., Nielsen, D.E. Principles and capabilities of 3-D, EM particle simulations 1-7000
- Bunemann, D.**, Kolb, M. Correlation methods for the determination of transit times 1-23714
- Bunge, C.F.** The excited ^{40}P and ^{42}P states of lithium 1-28922
- Bunge, H.J.**, Esling, C., Muller, J. The role of the inversion centre in texture analysis 1-30120
- Bunge, H.J.** see Esling, C. 1-11713
- Bunge, H.J.** see Muller, J. 1-53196
- Bunge, H.-J.** see Esling, C. 1-48366, 1-52099
- Bunge, M.** see Garcia-Sucre, M. 1-49964
- Bunget, I.**, Leonovici, R. Contribution of impurity-vacancy pairs to the dielectric relaxation in Rochelle salt 1-12453
- Bunget, I.**, Raetchi, V. Magnetoelectric effect in the heterogeneous system NiZn ferrite-PZT ceramic 1-52823
- Bungey, J.H.** The validity of ultrasonic pulse velocity testing of in-place concrete for strength 1-26701
- Bungum, H.**, Pirhonen, S.E., Husebye, E.S. Crystal thicknesses in Fennoscandia 1-27099
- Bunimovich, L.A.**, Sainai, Ya.G. Markov partitions for dispersed billiards 1-27905
- Bunimovich, L.A.**, Sainai, Ya.G. Statistical properties of Lorentz gas with periodic configuration of scatterers 1-40702
- Bunin, B.N.** see Ananjev, V.D. 1-28690
- Buning, P.G.** see Shang, J.S. 1-46775
- Bunk, W.** see Baumgarten, J. 1-48374
- Bunker, P.R.**, Howe, D.J. Quantitative energy level correlations for linear, bent and internally rotating triatomic molecules 1-24110
- Bunkin, F.V.**, Kirichenko, N.A., Konov, V.I., Luk'yanchuk, B.S. Interference effects in laser heating of metals in an oxidizing medium 1-35449
- Bunkin, F.V.**, Kirichenko, N.A., Luk'yanchuk, B.S. On the possibility of decreasing the energy requirements during laser heating of metals 1-16807

- Bunkin, F.V., Kirichenko, N.A., Luk'yanchuk, B.S., Minerina, O.I. Optimum wavelength for laser heating of metals in an oxidizing medium 1-35129
- Bunkin, F.V., Tribelskii, M.I. Nonresonant interaction of high-power optical radiation with a liquid 1-8040
- Bunkin, F.V. see Bobyrev, V.A. 1-31861
- Bunkin, F.V. see Boiko, V.I. 1-21298
- Bunkin, F.V. see Bol'shov, L.A. 1-51559
- Bunkin, F.V. see Boshkov, A.I. 1-1754
- Bunkina, M.V., Morozov, M.V., Firsov, K.N. Possibility of using vibrational-translational relaxation in an amplifying medium for wavefront reversal 1-51558
- Bun'kov, Yu.M., Maksimchuk, T.V. Parametrically amplified echo 1-12425
- Bunnell, H.T. see Martin, J.G. 1-46634
- Bunnell, K. see Haber, B. 1-14433
- Bunow, M.R., Levin, I.W. Molecular conformations of cerebrosides in bilayers determined by Raman spectroscopy 1-26878
- Bunsel, A. see Canteloup, J. 1-21681
- Bunshah, R.F., Nimmagadda, R., Doerr, H.J., Movchan, B.A., Grechanuk, N.I., Dabizha, E.V. Structure and property relationships in microlaminate Ni-Cu and Fe-Cu condensates 1-16721
- Bunshah, R.F. see Chi, K.C. 1-12663
- Bunshah, R.F. see Jamal, T. 1-31682
- Bunshah, R.F. see Nath, P. 1-16389
- Bunshah, R.F. see Suri, A.K. 1-16698
- Bunshah, R.F. see Taylor, R.J. 1-25075
- Buntaine, J.R., Sienko, M.J. Metal-nonmetal transition and the miscibility gap in lithium-methylamine [using CESR] 1-26037
- Buntaine, J.R., Sienko, M.J. Thermodynamic data for the expanded-metal compound tetrakis-methylamminelithium(0) 1-34487
- Bunting, J.T. Sensing ice clouds from satellites 1-9293
- Bunton, C.A. see Bunel, S. 1-52913
- Buntushkin, V.P. see Portnoi, K.I. 1-31555
- Bunyan, P.J. see Harding, M.P. 1-7799
- Bunyator, I.R. Influence of temperature change on strained deformable state of physically and geometrically nonlinear compressible ring 1-37800
- Bunyator, S.A. see Batusov, Yu.A. 1-41113
- Bunyator, S.A. see Belkov, A.A. 1-10250
- Buon, J. see Bizot, J.C. 1-10243
- Buon, J. see Delcourt, B. 1-45329
- Buon, J. see Mane, F. 1-45330
- Buonadonna, V.R. see Thayer, W.J., III. 1-1554
- Buoncrisiani, A.M. see Thomchick, J. 1-42857
- Buonocore, E. see Meaney, T.F. 1-43989
- Buonocore, M.H., Brody, W.R., Macovski, A. A natural pixel decomposition for two-dimensional image reconstruction 1-53866
- Burachevskii, Y.A., Vorob'ev, G.A., Galanskii, V.L., Miller, A.A., Sutyagin, A.V., Troyan, P.E. Emission of electrons into vacuum by MDM systems 1-31317
- Burak, I., Tsao, J., Prior, Y., Yablonsvitch, E. Multiphoton vibrational pumping of optically prepared NO₂ molecules 1-33527
- Burak, I., Tsao, J.Y. Emitter lifetime and velocity distribution in the collisionless IR multiphoton excitation of chromyl chloride 1-37185
- Burak, I. see Tsao, J.Y. 1-1134
- Burakov, K.S., Nachasova, I.Ye. A method and results of studying the geomagnetic field of Khiva from the middle of the sixteenth century 1-22209
- Buran, T. see Berglund, A. 1-36881
- Buras, A.J. Topics in perturbative QCD beyond the leading order 1-14358
- Buras, B. Synchrotron radiation and energy-dispersive diffraction 1-29949
- Buras, B., Farge, Y., Thompson, D.J. Large synchrotron radiation sources 1-14716
- Buras, B., Staun Olsen, J., Gerward, L. On the use of wide-angle energy-sensitive detectors in white-beam X-ray single-crystal diffraction 1-23964
- Burashnikova, G.A. see Muratova, M.V. 1-13561
- Buratini, E. see Armentano, M. 1-5432
- Buravoi, S.E., Kurepin, V.V., Petrov, G.S., Platonov, E.S., Solov'ev, V.I., Yasyukov, V.B., Kozin, V.M. A unified series of instruments for thermophysical measurements 1-44914
- Buravov, A.D., D'yakonov, B.P. Texture of boron nitride materials 1-39347
- Buravov, L.I. Correlation of the perturbed Q of a microwave resonator produced by a conducting cylinder including treatment of the skin effect 1-23268
- Burba, G.A. The tectonic nature of the 'canals' of Mars 1-32640
- Burbueva, N.V. Effect of electron-phonon interaction on the density-of-states tails and impurity band optical absorption 1-26241
- Burban, I.M., Yatsun, V.A. Meron-like configurations in a classical non-Abelian Higgs model 1-5493
- Burbeck, C.A., Kelly, D.H. Spatiotemporal characteristics of visual mechanisms: excitatory-inhibitory model 1-4275
- Burbeck, C.A. see Kelly, D.H. 1-32125
- Burbidge, E.M. see Baldwin, J.A. 1-49843
- Burbidge, G., Layzer, D., Phillips, J.G. (editor) Annual review of astronomy and astrophysics, vol.18 1-9785
- Burbidge, G.R. see Narlikar, J.V. 1-40580
- Burbidge, E.M., Junkkarinen, V.T., Koski, A.T., Smith, H.E., Hoag, A.A. A 'cluster' of quasi-stellar objects near M82 1-49846
- Burbulya, N.F. see Bulyarskii, S.V. 1-18228
- Burca, V. Temperature variation of the sensitivity of dynamometric transducers with tensosensors and its compensation 1-32976
- Burcev, P. Quantum mechanical effects in non-inertial systems 1-27804
- Burch, J.L. see Broussard, P.H. 1-36724
- Burch, J.L. see Reiff, P.H. 1-40274
- Burch, R. The adsorption and absorption of hydrogen by metals 1-47389
- Burch, S.F. A comparison of image restoration methods 1-15093
- Burch, T.J. see Niculescu, V.A. 1-52537
- Burch, W.D. see Ballard, W.W. 1-18859
- Burch, W.D. see Rainey, R.H. 1-23777
- Burckhard, W.-G. see Gudenau, H.W. 1-31828, 1-43370
- Burchell, D.J. see Shu, P.H.C. 1-15816
- Burchfiel, B.C. see Slater, J.G. 1-22268
- Burchill, W.E. see Corcoran, W.R. 1-10503
- Burckhardt, C.B. Comparison between spectrum and time interval histogram of ultrasound Doppler signals 1-53849
- Burckhardt, C.W. see Jirounek, P. 1-32106
- Burckhardt, W. see Feltz, A. 1-30079
- Burckle, L.H. see Berggren, W.A. 1-17571
- Burckle, L.H. see Kadko, D. 1-9145
- Burde, J., Richter, V., Labaton, J., Moalem, A. Low-energy excited states in ¹⁸¹I produced by the (p,n) reaction 1-28412
- Burdett, J.K. On the structures of van der Waals molecules and solids 1-6333
- Burdette, E.C. see Seaman, R.L. 1-15358
- Burdette, H.E. see Kuriyama, M. 1-27968
- Burdick, L.J. see Kaufman, K. 1-53993
- Burdick, L.J. see Kristy, M.J. 1-53991
- Burdina, K.P. see Sevast'yanova, L.G. 1-35197
- Burdina, V.I. Types of stereohedra of rotation for the group 3x231-20099
- Burdine, J.A. see Murphy, P.H. 1-35879
- Burdakov, A.P., Kashinskii, O.N., Odnoral, V.P. Frictional stress at the wall in an ascending gas-liquid flow 1-15536
- Burdakov, A.P. see Nakoryakov, V.E. 1-29761
- Burek, A.J., Barrus, D.M., Blake, R.L., Fenimore, E.E. Analysis of solar X-ray emission line profiles 1-54435
- Burek, A.J. see Barrus, D.M. 1-26305
- Burek, B.G. see Frank, L.A. 1-40388
- Buren, D. Van see Van Buren, P.D.
- Buren, P.D. Van see Van Buren, P.D.
- Burenin, A.A., Lopygin, V.V. Self-similar problem of impact loading of an elastic half-space 1-37853
- Burenin, A.V., Karyakin, E.N., Krupnov, A.F., Shapin, S.M., Val'dov, A.N. Submillimeter microwave spectrum and spectroscopic constants of the OCS molecule. Less abundant isotopic species of the molecule 1-45942
- Burenin, A.V., Markov, V.N. Classification of energy states in linear molecules 1-28842
- Burenko, V.I., Kozdoba, L.A. Thermal conditions of microwave element with source located in support 1-1818
- Burenkov, A.N., Voikanskaya, N.F., Rylov, V.S. A spectrum atlas for lanthanum 1-6191
- Burenkov, A.N. see Batslov, M.M. 1-36184
- Burenkov, G.L., Raichenko, A.I. On diffusion of substances under heat liberation in contact between constituents of the diffusion pair 1-38575
- Burenkov, S.I. see Khazanov, G.V. 1-22574
- Bures, J., Lapiere, J., Pascale, D. Photosensitivity effect in optical fibers: A model for the growth of an interference filter 1-37612
- Buresch, F.E. Micromechanisms controlling fracture toughness of brittle composites 1-31607
- Buresch, F.E. Relationship between texture and crack kinetics and its effect on the fatigue behavior of refractories 1-39412
- Burford, R.O., Harsh, P.W. Slip on the San Andreas fault in central California from alignment array surveys 1-32392
- Burg, K. von see Von Burg, K.
- Burg, K. von see Von Burg, K.
- Burgard, J.R. see Munier, A. 1-54350
- Burgardt, P. see Logvold, S. 1-12292
- Burgdorf, O., Jr. Multiple body six degrees of freedom potential flow pressure equation 1-6839
- Burge, D.K. see Hopkins, K.E. 1-29354
- Burge, R.E., Fiddy, M.A., Hall, T.J., Ross, G. Optical phase conjugation for the study of the analytic properties of optical fields 1-41777
- Burge, R.E., van Toorn, P. Multiple images and image processing in STEM 1-18338
- Burgel, M., Loth, D., Grall, Y., Menguy, C., Toupet, M. Non linear cochlear microphonic potentials as a function of the rate of variation of acoustic intensity 1-49014
- Burgeat, M. see Loth, D. 1-32130
- Burgelman, M. A ZnTe thin film memory device 1-30840
- Burgelman, M., Pauwels, H.J. Theoretical advantages of pn⁻-type Cu₂S-ZnO solar cell 1-53608
- Burgemeister, E.A. Thermal conductivities of diamonds with absorptions near 8.4 μm 1-20483
- Burgemeister, E.A. Dosimetry with a diamond operating as a resistor 1-45741
- Burgemeister, E.A., Ammerlaan, C.A.J., Davies, G. Thermal and optical measurements on vacancies in type IIa diamond 1-2511
- Burger, C.P., El-Hout, J.N., Gomide, H.A. Three-dimensional strain field for a hot rolled billet by photoplastic simulation 1-43387
- Burger, D. see Liard, C. 1-27014
- Burger, E.H. see Nijweide, P.J. 1-43910
- Burger, H., Dobos, S., Schulz, P., Ruoff, A. Vibrational spectra and force constants of symmetric tops. Rotational analysis of ν₂ and several hot bands of H₂SiI near 360 cm⁻¹ 1-51203
- Burger, H. see Eujen, R. 1-45961
- Burger, H.-D. Leak-detection in chemical plants with helium mass-spectrometer detectors 1-50146
- Burger, J. see Antreasyan, D. 1-10287
- Burger, J. see Barber, D. 1-14407
- Burger, J. see Becker, U. 1-51045
- Burger, J. see Berger, C. 1-5636, 1-10209
- Burger, J. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Burger, J.D. see Barber, D.P. 1-534, 1-28309
- Burger, J.P. see Gupta, M. 1-2863, 1-25607, 1-38715
- Burger, J.P. see Sniadower, L. 1-30861
- Burger, K., Furlani, C., Mattogno, G. XPS structural characterization of spin-state crossover in Fe¹⁺(NCS)₂(phen)₂ 1-30956
- Burger, K. see Vertes, A. 1-17957
- Burger, K.H., Buttgenbach, S., Dicke, R., Gebauer, H., Kuhnert, R., Traber, F. Hyperfine and Zeeman studies of low-lying atomic levels of ¹⁸¹Ta and the nuclear electric quadrupole moment 1-24102
- Burger, L. see Zobor, E. 1-28672
- Burger, M. The importance of accurate oscillator strengths in connection with ultraviolet stellar spectra 1-49609
- Burger, M., de Jager, C., Kamperman, T.M., Neven, L. The ultraviolet spectrum of β Canis Majoris stars 1-13775
- Burger, M. see Howarth, I.D. 1-40523
- Burger, S. see Allen, N.L. 1-15707
- Burger, S.J. see De Koning, L. 1-38760
- Burger, W. The potential and limitations for the application of modern methods using electron- and ion-beams in the ceramics field 1-53508
- Burgers, H. see Geurts, P. 1-37097
- Burgess, A.E., Pate, G. Voltage, energy, and material dependence of secondary radiation 1-40002
- Burgess, A.N. see Ballard, D.G.H. 1-42326
- Burgess, D.K., Kolbe, G., Nightingale, M., Playford, C.S.T. Long path laser spectroscopic measurements of laboratory plasmas 1-29914
- Burgess, D.R. see Wolf, N.O. 1-25569
- Burgess, D.W. see Alberty, R.L. 1-44235
- Burgess, E.L. Cogeneration by means of photovoltaic concentrator arrays 1-53613
- Burgess, E.L. Intermediate load center photovoltaic application experiments 1-53620
- Burgess, J.W. see Ahmad, K. 1-11172
- Burgess, J.W. see Jones, G.R. 1-8005
- Burgess, M. see Lawrence, A. 1-1759
- Burgess, M.D.J., Enright, G.D., Fedosejevs, R., Richardson, M.C. Picosecond interferometric studies of CO₂ laser produced plasmas 1-51991
- Burgess, M.D.J. see Marjoribanks, R.S. 1-25012
- Burggraaf, A.J. see Keizer, K. 1-16088
- Burggraaf, A.J. see Stenger, C.G.F. 1-7326, 1-21146
- Burggraaf, A.J. see van Dijk, T. 1-15874, 1-47291
- Burggraaf, A.J. see Verkerk, M.J. 1-47286
- Burghardt, F.J. Modal quantum logic and its dialogic foundation 1-40667
- Burghardt, P.Th. Automatic detection of seismic activity with a computer 1-40217
- Burghardt, T.P., Axelrod, D. Total internal reflection/fluorescence photobleaching recovery study of serum albumin adsorption dynamics 1-53746
- Burghardt, T.P. see Thompson, N.L. 1-53935
- Burghes, D.N. Teaching applications of mathematics: mathematical modeling in science and technology 1-36482
- Burghoff, H.-G., Pusch, W. The thermodynamic state of water in cellulose acetate membranes 1-52426
- Burgina, E.B., Yurchenko, E.N. Analysis of the frequencies and modes of the normal vibrations of dimethyl sulfide 1-24112
- Burgina, E.E. see Kustova, G.N. 1-26197
- Burghardt, B., Piesch, E. Reproducibility of TLD systems—a comprehensive analysis of experimental results 1-6082

- Burghardt, B., Piesch, E., Seguin, H. Some results of a European interlaboratory test programme of integrating dosimeter systems for environmental monitoring 1-6088
- Burghardt, B. see Piesch, E. 1-6117
- Burgmer, W. see Oswald, H. 1-36944
- Burgos, E., Halac, E., Bonadeo, H. Vibrational spectra and phase transitions of crystalline bromoform 1-43107
- Burger, N.A., Vlasov, M.K., Vorob'ev, L.S., Gerzion, S.A., Kiselev, Yu.T., Leksin, G.A., Martemyanov, A.N., Pivnyuk, N.A., Stolin, V.L., Terekhov, Yu.V., Ushakov, V.I., Chumakov, M.M. Production of mesons at 162° on C, Cu and Pb nuclei in inclusive reactions $\pi^+ A \rightarrow \pi^+ X$, $pA \rightarrow \pi^+ X$, $\pi^- A \rightarrow K^+ X$ 1-598
- Burgov, V.A., Remizov, V.V. Analysis of non-linear distortions for sound signals in magnetic and photographic recording channels 1-45063
- Burgov, V.Ya., Ignat'ev, A.S., Kapayev, V.V., Mokerov, V.G., Petrova, A.G. Reversible data storage based on vanadium dioxide films 1-51579
- Burgun, G. see Badier, J. 1-10218, 1-10582, 1-14430
- Burbop, E.H.S. see Allasia, D. 1-23495
- Burian, J., Rataj, J. The solving of some problems in fast reactor shielding 1-5895
- Burie, J. see Boucher, D. 1-13836
- Buriez, J.C., de Bergh, C. A study of the atmosphere of Saturn based on methane line profiles near 1.1μ 1-54415
- Buriez, J.C., Fouquart, Y. Generalization of the Curtis-Godson approximation to inhomogeneous scattering atmospheres 1-13712
- Burin, K. see Parcellada, J. 1-37052
- Burin, K. see Tsankov, L. 1-993
- Burinskaya, T.M., Volokitin, A.S. Nonlinear dynamics of thermal modulation instability 1-51944
- Buritskova, L.G. see Andreev, G.A. 1-20396
- Burit, D. see Spitzer, M. 1-43759
- Burk, S. see Gorocho, A. 1-9230
- Burk, S.D. Refractive index structure parameters: time-dependent calculations using a numerical boundary-layer model 1-22420
- Burkard, A. see Bitterwolf, E. 1-28375
- Burkard, O.M. see Leitinger, R. 1-22571
- Burkart, K. see Bayer, A. 1-5923
- Burkart, U., Hader, D.-P. Photoacoustic attraction in light trap experiments: a mathematical model 1-49067
- Burke, B.F. see Haschick, A.D. 1-9699
- Burke, D.F., Holaday, V.D., Petchul, J.J. Conceptual design of a remote Gel-Sphere-Pac fuel fabrication plant 1-28687
- Burke, D.G. see Vergnes, M. 1-45487
- Burke, D.L. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Burke, D.L. see Dorfan, J.M. 1-41020
- Burke, D.L. see Himel, T.M. 1-18482
- Burke, D.L. see Scharre, D.L. 1-18485, 1-45292
- Burke, E.A. Secondary emission from polymers 1-35134
- Burke, J.J. Graphical measurement of Saturn's oblateness and the radius of the Encke gap 1-40405
- Burke, J.J., Gehrels, T., Strickland, R.N. Cloud forms on Saturn 1-40403
- Burke, J.J., Ken Knight, C.E. An extraordinary view of Saturn's rings 1-40408
- Burke, K., Grippi, J., Celal Sengor, A.M. Neogene structures in Jamaica and the tectonic style of the northern Caribbean plate boundary zone 1-27119
- Burke, K. see Livaccari, R.F. 1-40113
- Burke, L.A. see Nicolas, G. 1-19231
- Burke, M.A., Davies, G.J. Texture stability under fatigue conditions 1-3782
- Burke, M.A., Davies, G.J. The correlation of texture and fatigue 1-31491
- Burke, P.D. see Bouma, W.J. 1-1409
- Burke, P.G., Berrington, K.A., Sukumar, C.V. Electron-atom scattering at intermediate energies 1-33560
- Burke, P.G. see Baluja, K.L. 1-24260, 1-29122
- Burke, P.G. see Scott, N.S. 1-10848
- Burke, S.K. Magnetic small-angle neutron scattering from ferromagnetic fine particles: modification of the Guinier law 1-47916
- Burke, W.J. see Smiddy, M. 1-40258
- Burke, W.L. The not-so-short beer [refractive index] 1-5048
- Burkert, U. Ab initio calculations of the rotational potential functions for propanol and ethyl methyl ether 1-19078
- Burkert, U. see Allinger, N.L. 1-19077
- Burkes, T.R. see Barrett, D.M. 1-25110
- Burket, H. see Bruce, D. 1-9244
- Burkhardt, B. see Rober, H.G. 1-6046
- Burkhanov, A.G. see Titov, L.A. 1-2537, 1-43236
- Burkhanov, G.S., Gubchevskiy, V.P., Zemlyanov, V.A., Zlatoustovskiy, D.M., Ottenberg, E.V. Deformation texture of Mo monocrystals during rolling 1-48365
- Burkhanov, G.S. see Bucki, M. 1-12762
- Burkhard, D.G. Illuminance and caustic surfaces in multi-interface variable-index media. I. Theory 1-10908
- Burkhard, D.G. Illuminance and caustic surfaces in multi-interface variable-index media. II. Application to radial dependent variable-index singlet 1-10909
- Burkhard, D.G. Illuminance and caustic surfaces in multi-interface variable-index media. III. Source imbedded in variable-index medium, light reflected or refracted by multiple surfaces 1-10910
- Burkhard, G. To the current path within crack-damaged graphite-electrodes in the arc furnace 1-3883
- Burkhardt, P., Fischer, H. Higher-order effects in the EPR spectrum of the monodeutero-tert-butyl radical 1-21054
- Burkhardt, P., Luthy, W., Gerber, T. Properties of the UV TlBr photodissociation-laser 1-6547
- Burkhardt, P., Luthy, W., Gerber, T. Gain in a thallium iodide laser with external resonator 1-29271
- Burkhardt, P. see Gerber, T. 1-15243
- Burkhardt, C.E., Kushawaha, V.S., Leventhal, J.J. Electron transfer in collisions between protons and photoexcited Na(3p) 1-37305
- Burkhardt, C.E. see Kushawaha, V.S. 1-29112
- Burkhardt, H. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Burkhardt, T.W. Localisation-delocalisation transition in a solid-on-solid model with a pinning potential 1-44850
- Burkhardt, W. see Steuer, J. 1-5044
- Burkhart, C., Van't Veer, C., Coupry, M.F. The atmospheric abundances of the giant Am star 22 Bootis 1-27513
- Burkhardt, C. see Van't Veer-Menneret, C. 1-27512
- Burkholder, D., Jones, W.E., Ling, K.W., Wasson, J.S., Liu, M.T.H. MNDO calculations on diazirines 1-14823
- Burki, G. Formation of open clusters 1-36354
- Burki, G., Mayor, M. HR 7308, a new Cepheid with variable amplitude and very-short period (1.5 d) 1-22816
- Burki, G., Mayor, M., Rufener, F. Study of the variable F-type supergiants HD 161796 and HD 163506 in radial velocity and photometry 1-17840
- Burki, G., Mayor, M., Waelkens, C. HD 9250 and HD 14662 (HR 690), two new bright Cepheids with very small amplitude 1-32702
- Burkin, A.R., Saricimen, H., Steele, B.C.H. Preparation of yttria stabilized zirconia (YSZ) powders by high temperature hydrolysis (HTH) 1-26416
- Burkinshaw, L. see McCarthy, I.D. 1-8997
- Burkle, K.R. see Grossmann, H.P. 1-39089
- Burkov, V.A., Krivosheya, V.G., Ovchinnikov, I.M., Savin, M.T. Edsies in the current system of the western Mediterranean basin 1-54131
- Burkov, V.I., Fedorushan, B.G., Vakhrameev, V.I., Bratkovskii, V.M., Solinov, F.V., Kraevskii, S.L., Kotov, V.A., Khaliev, V.D. Magneto-optical characteristics of fluoroborate glasses activated by Tb 1-43099
- Burkov, V.I. see Bratkovskii, V.M. 1-8046
- Burkov, V.P. see Semin, E.G. 1-43646
- Burlak, G.N., Kotsarenko, E.Ya. Possible parametric excitation of microwave-frequency sound in nonpiezoelectric solids 1-41907
- Burlak, G.N., Kotsarenko, N.Ya., Pustyl'nik, T.N. Parametric excitation of acoustic waves in bounded piezoelectrics 1-25767
- Burlakova, M.V. see Cheremskoy, P.G. 1-47418
- Burlakova, Ye.B. see Goloschchapov, A.N. 1-35757
- Burland, D.M., Bjorklund, G.C., Alvarez, D.C. Use of holography to investigate photochemical reactions 1-46264
- Burland, D.M. see Bjorklund, G.C. 1-26755
- Burland, G.N., Dobson, P.J. Pseudomorphic behaviour and interdiffusion between palladium films and silver and gold 1-38694
- Burleson, G.R. see Morris, C.L. 1-723
- Burlet, P., Quezel, S., Rossat-Mignod, J. Magnetic phase diagram of $USb_{2-x}Te$ solid solutions 1-47886
- Burlet, P., Quezel, S., Rossat-Mignod, J., Bartholin, H., Vogt, O. Effect of arsenic and bismuth substitution on the unusual magnetic properties of $CeSb$ 1-47915
- Burlet, P. see Ravot, D. 1-12285
- Burlet, P. see Rossat-Mignod, J. 1-25936, 1-47854, 1-47876
- Burlil, P.V., Kucherov, I.Ya., Miklushis, V.V. Studies in acoustic electron interaction in layered structures using surface waves and waves in plates 1-2795
- Burlin, T.E., Forsberg, B.J. Microdosimetry. II. Use of secondary electron emission to simulate two target models 1-49128
- Burlin, T.E. see Forsberg, B.J. 1-49127
- Burlin, T.E. see Spittle, M.F. 1-26943
- Burlingame, N. see Evans, A.G. 1-39335
- Burman, D.L., Hochreiter, L.E., Jacobs, S.E., Padelford, D.F., Shell, S.L., Yeh, H.C. Degraded core cooling calculations for TMI-2 1-28670
- Burman, L.L. see Rogov, V.V. 1-6690
- Burman, M., Hirsch, J., Ramdeen, T. Hole transport in vapour-deposited As_2S_3 1-34702
- Burman, N.M. see Thomson, P.F. 1-8424
- Burman, R. On inertial drifts in pulsar magnetospheres 1-9546
- Burman, R. On McCrea's re-interpretation of Blackett's conjecture 1-17764
- Burman, R.L. see Nemethy, P. 1-45183
- Burman, R.L. see Preadom, B.M. 1-45540
- Burman, R.L. see Stephenson, E.J. 1-28821
- Burman, R.R. Fluxoid dynamics in relativistically streaming plasmas 1-42202
- Burman, Zh.S. see Gogotsi, G.A. 1-43457
- Burmeister, H.-J. see Holste, C. 1-53240
- Burmeister, L.C. see Hotchkiss, G.B. 1-21919
- Burmistrov, Yu.M. see Belov, A.S. 1-978, 1-10587
- Burmistrova, O.P., Vladimirov, G.G., Dunaevskii, S.M. Density functional formalism in adsorption theory. I. Hydrogen on metals 1-2827
- Burmykin, I.I. see Balygin, A.K. 1-53019
- Burn, R.R., Blessing, G.R. Utilization of radiography techniques for determining calcium sulfate deposit patterns on steam generator tubes using radioactive sulfur-35 1-43728
- Burnage, R. see Fehrenbach, C. 1-49615
- Burnashev, M.N. Modulation of pumping in linear and ring gas lasers with a high excitation level 1-33720
- Burnashev, O.R. see Abdusalyamova, M.N. 1-39310
- Burnashev, V.I. Absolute spectrophotometry of carbon stars 1-22805
- Burnashev, V.I., Skul'skii, M.Yu. Quasiperiodic variations of the $H\alpha$ emission in the β -lyrae system 1-4943
- Burnashev, V.I., Skul'skii, M.Yu. Absolute spectrophotometry of β Lyr 1-17875
- Burne, R.V. see Tratt, M.H. 1-13592
- Burneau, A., Perchard, J.P., Zuppoli, G., Limouzi, J., Marechal, E. Effect of electrical anharmonicity on the profiles of H-bonded OH and SH stretching bands 1-37208
- Burneika, K., Dobrygn, V., Piskarskas, A. Propagation of nanosecond and picosecond light pulses through polystyrene latex colloidal solutions 1-43714
- Burneika, K., Piskarskas, A., Sirutkaitis, V. Analysis of a picosecond inertial feedback laser 1-41758
- Burnel, A., Caprasse, H. The symmetry property in the Hilbert space formulation of quantum mechanics 1-40664
- Burnell, D. see Wolf, E.L. 1-30887
- Burnell, E.E., Clark, M.E., Hinke, J.A.M., Chapman, N.R. Water in barnacle muscle. III. NMR studies of fresh fibers and membrane-damaged fibers equilibrated with selected solutes 1-32096
- Burnell, E.E., de Lange, C.A. Effects of interaction between molecular internal motion and reorientation on NMR of anisotropic liquids 1-21061
- Burnell, E.E., de Lange, C.A. On the average orientation of molecules undergoing large-amplitude conformational changes in anisotropic liquids 1-29132
- Burnell, E.E. see Beckmann, P.A. 1-21059
- Burnell, S.J. Bell see Bell Burnell, S.J.
- Burnet, G. see Chang, C.Y. 1-35733
- Burnett, J. The diaries of T.G. Elger 1-17982
- Burnett, K., Cooper, J. Collisional redistribution of radiation. II. The effects of degeneracy on the equations of motion for the density matrix 1-14985
- Burnett, K., Cooper, J. Collisional redistribution of radiation. III. The equation of motion for the correlation function and the scattered spectrum 1-14986
- Burnett, K., Cooper, J., Ballagh, R.J., Smith, E.W. Collisional redistribution of radiation. I. The density matrix 1-14984
- Burnett, K. see Thomann, P. 1-6200
- Burnett, T. see Partridge, R. 1-10207, 1-18483
- Burnett, T.H. see Biddick, C.J. 1-18532
- Burnetti, J.A. see Gupta, I.N. 1-22234
- Burnham, A.K., Gierke, T.D. A comparison of effective polarizabilities from electro-optical experiments using microscopic and macroscopic theories of the local electric field 1-37362
- Burnham, R. Kinetic processes in self-sustained rare gas halide and mercury halide lasers 1-37481
- Burnham, R., Whitney, W.T. Optical and electrical characteristics of e-beam ionized $HgBr_2$ dissociation lasers 1-37476
- Burnham, R. see Wilcomb, B.E. 1-10746
- Burnham, R.D., Scifres, D.F. Integrated optical devices fabricated by MBE 1-1741
- Burnham, R.D. see Fekete, D. 1-37502
- Burnham, R.D. see Streifer, W. 1-37493
- Burnham, R.K. see Lloyd, L.B. 1-18301, 1-23316
- Burnieka, J.P., Tolutis, R.B. Features of magnetoplasma waves propagated in Bi-Sb alloy along the trigonal axis 1-20794
- Burnos, V.A. see Malyshev, A.D. 1-26686

- Burns, A. *see* Armstrong, T. 1-10606
- Burns, A.I. *see* Chartier, V.L. 1-38165
- Burns, A.R., El-Sayed, M.A., Brock, J.C. Analysis of spectral diffusion of localized triplet spin transitions within an inhomogeneous profile 1-6321
- Burns, C.M. *see* Welyang, D.G. 1-7429
- Burns, D.J. *see* Oore, M. 1-19650
- Burns, E.E. *see* Unione, A. 1-53660
- Burns, E.M., Sampat, K.S. A note on possible culture-bound effects in frequency discrimination 1-32143
- Burns, E.T., Fullwood, R.R., Erdmann, R.C. Outage trends in light water reactors 1-14673
- Burns, G. Comment on the low temperature specific heat of ferroelectrics, antiferroelectrics, and related materials 1-7351
- Burns, G., Chandrasekhar, G.V., Dacol, F.H., Foster, L.M., Chandrasekhar, H.R. Infrared and Raman results for the β - and β' -gallate superionic conductors 1-3404
- Burns, J.A. Ball rolling on a turntable: analog for charged particle dynamics 1-27723
- Burns, J.A. *see* Veverka, J. 1-13720
- Burns, J.O., White, R.A., Hough, D.H. Radio emission in the directions of CD and related galaxies in poor clusters. III. VLA observations at 20 cm 1-40555
- Burns, L.L. Laser memories for image storage 1-6497
- Burns, M.E. How to control color appearance with instrumentation 1-28052
- Burns, M.L., Kaleps, I. Analysis of load-deflection behavior of intervertebral discs under axial compression using exact parametric solutions of Kelvin-solid models 1-32164
- Burns, S.J. *see* Early, P.W. 1-1885
- Burns, S.J. *see* Majumdar, B.S. 1-39409
- Burns, T.J. *see* White, J.R. 1-23812
- Burns, W.A. *see* Green, M.A. 1-50181
- Burns, W.K., Moeller, R.P., Bulmer, C.H., Yajima, H. Optical waveguide channel branches in Ti-diffused LiNbO₃ 1-6647
- Burns, W.K. *see* Rasleigh, S.C. 1-11108
- Burnside, R.G. *see* Meriwether, J.W., Jr. 1-36090
- Burnside, R.J. *see* Thomsen, D.H. 1-18820
- Burnside, W.D. *see* Pathak, P.H. 1-1446
- Burnstein, R.A. *see* Hanlon, J. 1-18464
- Burnstein, R.A. *see* Kitagaki, T. 1-18467
- Burrola, V.P. Deterioration of the silver/glass interface in second surface solar mirrors 1-13094
- Burov, J. *see* Thanh, V. 1-1785
- Burov, P.A. *see* Cherkasov, Yu.A. 1-40885
- Burov, P.A. *see* Berlyand, O. 1-27450
- Burov, V.N., Shaternikov, V.E. Effects of transformer-type eddy-current transducer parameters on the structure and characteristics of electromagnetic measuring devices 1-35490
- Burova, N.M. *see* Tsvirkov, E.I. 1-21668
- Burov, W., Hoppe, R. Oxocobaltate, Na₂[CoO₄], synthesised for the first time 1-30186
- Burg, J.P., Chemarin, M., Chevallier, M., Denisov, A.S., Ekolf, T., Fay, J., Grafstrom, P., Gustafsson, L., Hagberg, E., Ille, B., Kashchuk, A.P., Korolev, G.A., Kulikov, A.V., Lambert, M., Martin, J.P., Maury, S., Paumier, J.L., Querrou, M., Schegelsky, V.A., Tkach, I.I., Verbeke, M., Vorobyov, A.A. Determination of the absolute momentum of a high-energy hadron beam using elastic scattering of hadrons from a helium target 1-23912
- Burr, R.L. *see* Clark, R.A. 1-16960
- Burr, S.V. An interpretation of regional north-west-southeast folding in North America with special emphasis on Ontario: structural and economic implications 1-9120
- Burratato, G. *see* Giacquinta, G. 1-42899
- Burrell, C.F., Cooper, W.S., Smith, R.R., Steele, W.F. Doppler shift spectroscopy of powerful neutral beams 1-23315
- Burrell, K.H. Alteration of Pfirsch-Schluter transport in Tokamaks by all four external sources 1-2155
- Burrell, K.H., Kai Wong, S. Transport of a trace impurity in a dirty plasma in the Pfirsch-Schluter regime 1-51918
- Burrell, K.H. *see* Hager, E.R. 1-2248
- Burrell, P.M. *see* Jameson, C.J. 1-28889, 1-37132, 1-41328, 1-45989
- Burroughs, W. The art of the weather 1-44751
- Burrow, P.D., Modelli, A., Chiu, N.S. Temporary negative ion formation in halogenated ethylenes 1-37180
- Burrows, A. *see* Brecher, K. 1-13801
- Burrows, A. *see* Hegyi, D.J. 1-9372
- Burrows, B.L. *see* Caldwell, J. 1-5107
- Burrows, B.W., Sunu, W.G., Dick, B.H. Low maintenance lead-acid batteries for energy storage 1-53587
- Burrows, C.J. Why the constituent interchange model does not predict the dimensional counting rule to any finite order in QCD 1-5581
- Burrows, S.E., Humphreys, F.J., White, S.H. Dynamic recrystallisation and textural development in magnesium deformed in compression at elevated temperatures 1-21544
- Burrows, C.A. *see* Dament, T.C. 1-51529
- Burrows, C.A. *see* Lee, T.P. 1-26388
- Burrows, C.A. *see* Stone, J. 1-15291
- Burrows, C.A., Jr. *see* Campbell, J.C. 1-45015
- Burrows, C.A., Jr. *see* Tien-Pei Lee 1-45009
- Burrows, R.V. *see* Swallow, D.W. 1-13146
- Burrows, V.A. *see* Anisimov, V.N. 1-33711
- Bursey, M.M. *see* Fraley, D.F. 1-50260
- Bursian, E.V., Girsberg, Ya.G., Trunov, N.N. Bulk photovoltaic effect in ferroelectrics and the localization of charge carriers 1-20797
- Bursill, L.A. The structure of Ba₂Ti_{2-2x}Ga_{10+2x}O₃₁ 1-30147
- Bursill, L.A., Grzinic, G. Incommensurate superlattice ordering in the hollandites Ba₂Ti_{2-2x}Mg_{2x}O₁₆ and Ba₂Ti_{2-2x}Ga_{2x}O₁₆ 1-30148
- Bursill, L.A., Thomas, J.M., Rao, K.J. Stability of zeolites under electron irradiation and imaging of heavy cations in silicates 1-36076
- Bursill, L.A. *see* Wood, G.J. 1-38387
- Burst, P. *see* Morris, C.S. 1-32665
- Burstein, D. *see* Rubin, V.C. 1-49814
- Burstein, D. *see* Walker, M.F. 1-27499
- Burstein, E., Pinczuk, A., Mills, D.L. Inelastic light scattering by charge carrier excitations in two-dimensional plasmas: theoretical considerations 1-12517
- Burstein, E. *see* Chen, C.Y. 1-3399, 1-35047
- Burstein, E. *see* Ching, L.Y. 1-48066
- Burstein, G.T., Davies, D.H. The analysis of anodic films formed on cobalt in bicarbonate and borate electrolytes 1-48554
- Burstein, G.T., Davies, D.H. The effects of anions on the behaviour of scratched iron electrodes in aqueous solutions 1-48565
- Burstein, G.T. *see* Davies, D.H. 1-31726, 1-48553
- Burstein, G.T. *see* Newman, R.C. 1-35417
- Burstein, G.T. *see* Woodward, J. 1-16787
- Burstein, N.M., Connell, C.W., Jr. How components are qualified - The program and the methods 1-14660
- Bursten, B.E., Cotton, F.A. Dependence of stability, bond strength and electronic structure of dimetal units upon atomic number, oxidation number and chemical environment 1-41305
- Burstone, C.J. *see* Koenig, H.A. 1-49053
- Burstyn, H.C. Afterpulsing effects in photon correlation experiments [using photomultiplier tubes] 1-10025
- Burt, J.A. Extension of the theory of the fluid-filled optoacoustic cell 1-10020
- Burt, P., Julez, B. A disparity gradient limit for binocular fusion 1-4282
- Burt, R.J. *see* Meyer, S.F. 1-12655
- Burta-Gapanovich, L.N. *see* Muller, V.M. 1-24688
- Burtin, B., Carler, M., Colin, R., Dreze, C., Ndi-kumana, T. Laser-induced fluorescence of gaseous PbS 1-6306
- Burttman, V.S. Faults of Middle Asia 1-32387
- Burton, B. Dislocation-inclusion interactions during creep 1-42415
- Burton, C.H. Variable temperature FIR-optical cryostat with unique features 1-40792
- Burton, E.B. *see* Hogg, D.C. 1-44268
- Burton, G.A., Jr. *see* Gunnison, D. 1-36085
- Burton, H. *see* Robinson, C.J. 1-13368
- Burton, J.H. *see* Doman, D.R. 1-50874
- Burton, J.K. *see* Bettis, J.R. 1-23879
- Burton, J.R. *see* Maloney, D.P. 1-17087
- Burton, R.L. *see* Cooper, A.L. 1-38136
- Burton, R.L. *see* Turchi, P.J. 1-34110
- Burton, T.E. Sound speed in a heat exchanger tube bank 1-1746
- Burton, W.B. *see* Liszt, H.S. 1-54580
- Burtshev, S.A., Gnuchev, V.S., Poroskov, Yu.A., Prokhorov, N.N., Shchelkanov, I.V. Photoelastic study of stress concentration in specimens with surface defects 1-3864
- Burtshev, V.A., Vasilievskii, M.A., Gusev, O.A., Roife, I.M., Seredenko, E.V., Engel'ko, V.I. Microsecond high-current electron-beam accelerator 1-970
- Burtshev, V.A. *see* Andreev, A.B. 1-50166
- Burtshev, V.A. *see* Roife, I.M. 1-51996
- Burtsheva, I.G. *see* Katskov, D.A. 1-8631
- Burtsheva, I.K. *see* Lozovatskaya, L.P. 1-26661
- Burtyka, M.V. Influence of spatial dispersion on drift instabilities of plasma waves in limited semiconductors 1-7653
- Burum, D.P., Ernst, R.R. Net polarization transfer via a J-ordered state for signal enhancement of low-sensitivity nuclei 1-316
- Buryachenko, V.A. *see* Gokhman, B.D. 1-30314
- Buryakov, V.L. *see* Belousov, G.D. 1-37061
- Buryanov, V.B., Kozelchuk, I.V., Rusakov, O.M., Solov'ev, V.D. Gravity force anomalies and peculiarities of deep composition of structures along the profile from the Chagos archipelago to the Seychelles (Indian Ocean) 1-4472
- Buryanov, V.B. *see* Budanov, V.G. 1-22184
- Buryshkin, M.L., Romanenko, F.A. Numerical investigation of the concentration of stresses in an isotropic plate weakened by a regular series of circular holes 1-18022
- Burzo, E. Magnetic properties and resonance studies of Gd(Al₂O₃)_{1-x} compounds 1-52847
- Burzo, E., Ursu, I., Ungur, D., Ardelean, I. The influence of equilibrium time on the physical properties of Bi₂O₃-PbO-Fe₂O₃ glasses 1-26091
- Burzo, E., Valeanu, M. On the exchange-enhanced paramagnetism in U(Fe_{1-x}Co_x)₂ compounds 1-25873
- Bus, S.J. Comet Bus (1981b) 1-44505
- Bus, S.J. Comet Bus (1981b) 1-44507
- Bus, S.J., Howell, E., Giclas, H.L., Marsden, B.G. 1980 WF 1-32642
- Bus, S.J., Schwartz, G., Shao, C.-Y., Marsden, B.G. Comet Loveless (1980s) 1-27429
- Bus, S.J. *see* Shao, C.-Y. 1-32643
- Busalava, E.N. *see* Rappoport, S.M. 1-43380
- Busalava, V.A. *see* Rappoport, S.M. 1-43380
- Busalov, Yu.E. *see* Kopev, I.M. 1-16718
- Busby, K.O. *see* Felch, K.L. 1-10951
- Busby, T.S., Turner, R.J. The development of a rotating corrosion test for glass contact refractories 1-53369
- Busca, G., Brandenberger, H. 'Passive H maser' 1-24383
- Buscarlet, L.A., Ferran, A., Larroque, M. Water budget of Semidiadala undecimnotata Schn. larvae feeding on Myzus persicae Sulz. Studied with HT¹⁸O 1-40027
- Busch, P. On the behaviour of an oscillator clock near the singularity of a gravitational field 1-132
- Busch, R. *see* Pawlewicz, W.T. 1-37572
- Buschbeck, B., Dibbon, H., Gerhold, H.R. An extended quark recombination model with valence quark annihilation compared to inclusive π^+/π^- ratios 1-28358
- Buschbeck, F., Dahm, E., Jablonski, Z. Usage and measurement of very small capacitance variations 1-28037
- Buschen, J. *see* Brocas, J. 1-33447
- Buscher, E., Lemke, D. An infrared hygrometer for astronomical site testing 1-44318
- Busching, D., Clemens, G., Finn, T., Hess, H., Metzke, E., Wirsig, M. Nonideal plasma generation by mechanical compression 1-34091
- Buschmann, E. On some contributions by geodetic astronomy and satellite geodesy to research into the dynamics of the Earth 1-22190
- Buschow, K.H.J. Thermal stability of amorphous alloys 1-30091
- Buschow, K.H.J., Dirks, A.G. Crystallization of amorphous alloys of rare earths and 3d transition metals 1-30066
- Buschow, K.H.J., van der Kraan, A.M. Magnetic properties of amorphous rare-earth-iron alloys 1-47907
- Buschow, K.H.J., Van Engen, P.G. Magnetic properties and Kerr rotation in amorphous Ce-Fe and Pr-Fe alloys 1-25970
- Buschow, K.H.J., Van Vucht, J.H.N., Van Den Hoogenhof, W.W. The crystal structures of Eu₂Ag₂, EuAg and EuCu 1-20130
- Buschow, K.H.J. *see* Abd-Elmeguid, M.M. 1-7988
- Buschow, K.H.J. *see* Algra, H.A. 1-25927
- Buschow, K.H.J. *see* Jones, T.C. 1-3280
- Buschow, K.H.J. *see* Murani, A.P. 1-30911
- Buschow, K.H.J. *see* van Essen, R.M. 1-2813
- Buschow, K.H.J. *see* Wiesinger, G. 1-47984
- Buseck, C.R. *see* von see von Buseck, C.R.
- Buser, R. Star classification through photographic broadband photometry with Kodak fine-grain emulsions 1-54399
- Busfield, W.K., Cowie, J.M.G. Multiblock copolymers of polyethylene and polydimethylsiloxane 1-3693
- Bush, A.V. *see* Babat, E.G. 1-49165
- Bush, C.E. *see* Milora, S.L. 1-33346
- Bush, R.P., Chadwick, A.T. The development of causal energy models for use in formulating energy research, development and demonstration strategy 1-35623
- Bushby, A. *see* Aarons, J. 1-27338
- Bushuev, M.K., Mahaldian, N.V., Tonchev, N.S., Uzunov, D.I. On the critical behaviour of systems with two order parameters 1-30354
- Bushman, J.A. *see* Payne, J.P. (editor) 1-17951
- Bushnell, D. Effect of cold bending and welding on buckling of ring-stiffened cylinders 1-41963
- Bushnell, D., Holmes, A.M.C., Loss, E.J. Failure of axially compressed frangible joints in cylindrical shells 1-41982
- Bushnell, K.M. *see* Jostes, R.F. 1-4337
- Bushnev, L.S. *see* Chumlyakov, Yu.I. 1-3764, 1-53194
- Bushnev, L.S. *see* Korotaev, A.D. 1-2464
- Bushong, S.C. *see* Schneiders, N.J. 1-8992
- Bushuev, V.A., Mantysyzov, B.I., Kuz'min, R.N. Influence of thermal expansion on the feasibility of gamma-ray laser action 1-6533
- Bushueva, G.V. *see* Nikol'skaya, I.F. 1-15903
- Bushuk, B.A. *see* Rubinov, A.N. 1-3464
- Busiba, A. *see* Katz, Y. 1-48512
- Busico, V., Carfagna, C., Salerno, V., Vacatello, M., Pittipaldi, F. The layer perovskites as thermal energy storage systems 1-8762
- Busico, V. *see* Addeo, A. 1-13181
- Busiello, G., De Cesare, L. The renormalisation group in the large- ϵ limit for the vectorial paramagnon problem at T=0 1-20993
- Busiello, G., De Cesare, L. Renormalization group approach to quantum bosonized systems 1-27864

- Busigin, A.**, Phillips, C.R. Uncertainties in the measurement of airborne radon daughters 1-43842
- Busigin, A.**, Van Der Vooren, A.W., Phillips, C.R. A technique for calculation of aerosol particle size distributions from indirect measurements 1-21787
- Buskirk, R.E.** see Frohlich, C. 1-4302
- Busko, I.** see Menzies, J.W. 1-54533
- Busko, I.C.** see de la Reza, R. 1-54519
- Buslik, A.J.**, Krieger, T.J. ¹³¹I release probability distribution for a fuel handling accident 1-5922
- Buslov, D.K.** see Trokhimets, A.I. 1-3390
- Bussello, R.** see Badier, J. 1-10582
- Busquets, J.** see Ballereau, D.B. 1-36299
- Buss, K.** see Ziarski, J. 1-17503
- Buss, R.J.** see Casavecchia, P. 1-35524
- Bussa, M.P.** see Balestra, F. 1-28504
- Busse, F.H.**, Clever, R.M. An asymptotic model of two-dimensional convection in the limit of low Prandtl number 1-46739
- Busse, F.H.** see Clever, R.M. 1-46738
- Busse, G.** Photothermal transmission probing of a metal 1-18219
- Busse, G.** The optoacoustic effect in the infrared: some applications 1-23321
- Busse, G.** see Walzer, K. 1-6253
- Busse, W.**, Gumlich, H.-E., Knaak, W., Shulze, J. Analysis of polymorphic properties of ZnS(Mn) by laser spectroscopy 1-47033
- Bussel, O.D.** see Pugin, V.S. 1-39537
- Bussell, G.** see Aitken, M. 1-6092
- Busselle, F.J.** see Haig, N.D. 1-41820
- Bussemer, P.**, Wohl, G. Connection between the optical dispersion of ionic and covalent crystals and their lattice and bonding properties 1-39058
- Busser, F.W.** see Diddens, A.N. 1-14747, 1-23998
- Busser, F.W.** see Jonker, M. 1-10194, 1-14432, 1-45258
- Bussey, P.J.** see Adamovich, M.I. 1-45317
- Bussey, P.J.** see Aston, D. 1-14399, 1-45297, 1-50442
- Bussey, P.J.** see Fiorino, A. 1-50583
- Bussièrè, A.**, Giacomelli, G., Lesquoy, E., Meunier, R., Moscoso, L., Muller, A., Rimondi, F., Zucchielli, S., Zylberajch, S. Particle production and search for long-lived particles in 200-240 GeV/c proton-nucleon collisions 1-10265
- Bussièrè, A.** see Barreau, P. 1-28471
- Busso, L.** see Balestra, F. 1-28504
- Bussoletti, E.** see Altamore, A. 1-9487
- Bustamante, C.**, Maestre, M.F., Tinoco, I., Jr. Circular intensity differential scattering of light by helical structures. I. Theory 1-24355
- Bustamante, C.**, Maestre, M.F., Tinoco, I., Jr. Circular intensity differential scattering of light by helical structures. II. Applications 1-29207
- Busuoli, G.**, Johns, T.F. International standardization of thermoluminescence dosimeters and readers 1-6097
- Busuoli, G.** see Julius, H.W. 1-6053
- Busygina, E.P.** see Babanin, V.I. 1-24980
- Buszkiewicz, B.** see Koford, S. 1-43530
- Buta, R.** see de Vaucouleurs, G. 1-54621
- Buta, R.J.**, McCall, M.L., Uomoto, A.K. Identification of a nebulous blue object near Maffei 1 1-27597
- Buta, R.J.** see Wood, R. 1-17861
- Butabae, Sh.M.** Determination of shear components of certain fourth-rank tensors 1-7236
- Butaux, J.** Spectral profile analysis at the Atomic Spectroscopy Laboratory (D.R.P. Paris): Purposes and methods 1-37155
- Butcher, B.R.** A note on the application of stereometry to fractography 1-31818
- Butcher, E.C.** On the location of the ionospheric current systems responsible for the lunar and solar magnetic variations 1-27327
- Butcher, E.C.**, Brown, G.M. Abnormal quiet days and the effect of the interplanetary magnetic field on the apparent position of the Sq focus 1-27328
- Butcher, E.C.**, Brown, G.M. On the nature of abnormal quiet days in Sq(H) 1-36097
- Butcher, E.C.**, Brown, G.M. The variability of Sq(H) on normal quiet days 1-36098
- Butcher, E.C.**, Dyson, P.L., Stumpf, E. Do beats affect Sun-weather correlations? 1-40175
- Butcher, E.C.** see Brown, G.M. 1-40456
- Butcher, H.** see De Young, D.S. 1-40553
- Butcher, H.** see Ulrich, M.H. 1-22915
- Butcher, J.A., Jr.** see Turro, N.J. 1-21744
- Butcher, J.B.**, Jones, H.F., Milani, P. Simplified parent-child formalism for spin-0 and spin-1/2 parents 1-5613
- Butcher, P.N.** Random walks on random lattices 1-9947
- Butcher, P.N.** Calculation of hopping transport coefficients [for impurity bands] 1-47652
- Butcher, P.N.**, Clark, J.D. The theory of anomalous carrier pulse propagation in amorphous semiconductors 1-7614
- Butcher, P.N.**, Kumar, A.A. The Hall mobility of carriers hopping in an impurity band 1-7644
- Butcher, P.N.** see Al-Sadee, S.R. 1-42776
- Butcher, R.J.** see Crocker, D. 1-29296
- Butcher, R.J.** see Shafik, S. 1-46300
- Butenko, G.G.** see Naumov, V.A. 1-33573
- Butenuth, E.** Characterization of graphites. Electron diffraction and electron microscopy studies of the relations between the lattice structure and micromorphology 1-34285
- Butera, P.**, Galgani, L., Giorgilli, A., Tagliani, A., Sabata, H. Stochasticity thresholds in a lattice field theory 1-429
- Buti, B.** Nonlinear electron-acoustic waves in a multi-species plasma 1-6951
- Buti, B.** see Dash, S.S. 1-42166
- Buti, B.** see Mohan, M. 1-2188
- Buti, T.N.** see Kelly, J. 1-28388
- Butko, A.I.**, Voropai, E.S., Gaisenov, V.A., Saechnikov, V.A., Sarzhevskii, A.M. Manifestation of electronic-vibrational interaction in the anisotropy of the emission of complex molecules in two-photon excitation 1-41450
- Butkovskii, A.B.** Calculations of the mode structure of a planar optical resonator of a solid-state laser 1-1596
- Butkovskii, A.G.**, Samoilenko, Yu.I. Controllability of quantum objects 1-18075
- Butkus, A.M.** Cluster model studies of oxygen intercalated graphite 1-37379
- Butkus, A.M.**, Fink, W.H. Ab initio model calculations for graphite: bulk and basal plane electronic densities 1-6143
- Butkus, A.M.**, Fink, W.H. Ab initio model calculations of graphite: prismatic surface electronic density 1-6144
- Butland, A.T.D.** Analysis of the SEFOR I and II doppler experiments and their use in assessing the accuracy of calculated fast reactor doppler effects 1-5842
- Butler, B.**, Givord, D., Givord, F., Palmer, S.B. The elastic constants of CeNi₂ 1-2550
- Butler, B.L.**, Claassen, R.S. Survey of solar materials 1-21915
- Butler, B.L.** see Bartholomew, R.F. 1-26193
- Butler, C.M.** Capacitance of a finite-length conducting cylindrical tube 1-33591
- Butler, D.**, Bell, R.A., Dickens, R.J., Epps, E. A combined photometric/spectroscopic study of RR Lyrae stars in the globular cluster omega Centauri 1-17858
- Butler, D.**, Lyons, W.B., Hassinger, J., Mayewski, P.A. Shallow core snow chemistry of Athabasca Glacier, Alberta 1-44214
- Butler, E.C.V.**, Smith, J.D. Iodine speciation in seawaters—the analytical use of ultra-violet photo-oxidation and differential pulse polarography 1-13594
- Butler, E.P.**, Goringe, M.J. Electron beam-specimen-environment interactions in the HVEM 1-2516
- Butler, E.P.** see Beaven, P.A. 1-3739
- Butler, E.P.** see Guerrero, A.L. 1-2639
- Butler, H.M.** see Onnesorge, W.F. 1-14702
- Butler, J.** see Alcock, C.B. 1-25437
- Butler, J.E.** see Sanders, N.D. 1-39607
- Butler, J.E.** see Smith, G.K. 1-4063
- Butler, J.F.** see Eng, R.S. 1-33064
- Butler, J.K.**, Delaney, J.B. Field solutions for the lateral modes of stripe geometry injection lasers 1-29276
- Butler, J.N.** see Knap, A.H. 1-4219
- Butler, J.P.** see Hammerli, M. 1-43670
- Butler, J.P.** see Hamber, P.M. 1-17423
- Butler, J.W.** see Hirvonen, J.K. 1-3938
- Butler, M.A.** Anodic photocurrents at silver electrodes in halide solutions 1-16312
- Butler, M.A.** In situ photoemission from semiconducting W₅ electrodes 1-34789
- Butler, M.A.**, Abramovich, M., Decker, F., Juliao, J.F. Subband gap response of TiO₂ and SrTiO₃ photoelectrodes 1-48867
- Butler, P.A.** see Daniel, R. 1-45400
- Butler, P.H.** see Reid, M.F. 1-5533
- Butler, P.H.** see Stedman, G.E. 1-448
- Butler, P.J.G.**, Lomonosoff, G.P. RNA-protein interactions in the assembly of tobacco mosaic virus 1-8796
- Butler, R.**, Kanamori, H. Long-period ground motion from a great earthquake 1-27067
- Butler, R.**, Ruff, L. Teleseismic short-period amplitudes: source and receiver variations 1-22233
- Butler, S.E.** Radial couplings for charge transfer 1-24246
- Butler, S.E.**, Dalgarno, A. Charge transfer of multiply charged ions with hydrogen and helium: Landau-Zener calculations 1-22671
- Butler, S.E.**, Heil, T.G., Dalgarno, A. Charge transfer of multiply charged ions with hydrogen and helium: quantum calculations 1-32615
- Butler, S.E.**, Raymond, J.C. Charge transfer in astrophysical shocks 1-13678
- Butler, S.E.** see Dalgarno, A. 1-6371, 1-37324
- Butler, S.E.** see Heil, T.G. 1-51286
- Butler, W.A.** Reverse Cartesian diver 'trick' 1-40614
- Butler, W.F.**, Johnston, D.C., Shore, H.B., Fredkin, D.R., Okamura, M.Y., Fehér, G. The electronic structure of Fe²⁺ in reaction centers from Rhodospseudomonas sphaeroides. I. Static magnetization measurements 1-26877
- Butler, W.F.** see Olsen, R.B. 1-16531
- Butler, W.L.** Energy transfer between photosystem II units in a connected package model of the photochemical apparatus of photosynthesis 1-21994
- Butner, D.N.** MFTF supervisory control and diagnostics system hardware 1-10534
- Butour, J.-L.** see Manfait, M. 1-48946
- Butragueno, J.L.** Accident at Three Mile Island-2 nuclear power plant (March 28th 1979) 1-28615
- Butscher, W.** see Esser, M. 1-33382
- Butsikii, V.V.**, Vetokhin, S.S. Microcircuity-based integrodifferential discriminator 1-1033
- Butsikii, V.V.** see Antonovich, A.I. 1-18977
- Butslov, M.M.**, Burenkov, A.N., Gvayganyan, L.V., Debur, V.G., Znykin, P.A., Klepov, A.F., Kondrashova, L.I., Rylov, V.S., Stepanov, B.M., Ushakova, T.I., Fedorovskaya, T.M. The M9shchv image tube for the 6-m telescope 1-36184
- Butt, M.Z.** Solid-solution hardening of metal crystals 1-35263
- Butt, M.Z.**, Feltham, P. Solid-solution hardening of dilute alloys 1-3760
- Butt, P.K.** see Khan, G.M. 1-11883
- Butt, R.**, Hirsch, K. Determination of size distributions of small objects by optical Fourier transformation 1-15087
- Butt, R.**, Semmler, W., Keitel, R. Observation of simple interstitial configurations at ¹¹¹In impurities in aluminium 1-25261
- Butter, E.** see Fitzl, G. 1-53099
- Butterfield, J.F.** Recent developments in three dimensional displays 1-41622
- Butterweck, H.-J.** On the electromagnetic oscillations of a plate condenser 1-41542
- Butterworth, I.** see Cameron, W. 1-36880
- Butterworth, I.** see Deden, H. 1-28311
- Butterworth, I.** see Fritze, P. 1-14431
- Butterworth, P.S.**, Meadows, A.J., Hunt, G.E., Moore, V., Willis, D.M. Ultraviolet spectra of asteroids 1-9410
- Butterworth, P.S.** see Caldwell, J. 1-54417
- Buttet, J.** see Car, R. 1-24062
- Buttgenbach, S.** see Burger, K.H. 1-24102
- Buttgenbach, S.** see Liberman, S. 1-19057
- Butti, K.**, Perlin, J. Early solar engines 1-13174
- Buttiker, M.** Spatial fluctuations of the sine-Gordon chain 1-36583
- Buttiker, M.**, Landauer, R. Nucleation theory of overdamped soliton motion 1-44771
- Buttiker, M.**, Landauer, R., Gunther, L., Imry, Y. Fluctuations in the sine-Gordon chain at thermal equilibrium 1-32929
- Buttler, W.**, Stockmann, H.-J., Fujara, F., Heitjans, P., Kiese, G., Ackermann, H., Bader, B., Dorr, K., Grupp, H., Lauter, H. Radiation induced point defects in CaF₂, SrF₂, BaF₂ and MgF₂ 1-2528
- Buttler, W.** see Heitjans, P. 1-31054
- Buttnar, H.** Research on the load bearing capacity and heat development in sliding axial bearings with plane parallel bearing surfaces for Newtonian fluids 1-33946
- Buttnar, H.** see Hjalmarsen, H.P. 1-16344
- Buttnar, H.** see Matsura, M. 1-7532, 1-47483
- Button, D.P.**, Tandon, R.P., Tuller, H.L., Uhlmann, D.R. Fast Li⁺ ion conduction in chloro-borate glasses 1-30454
- Button-Shafer, J.** see Chung, S.U. 1-14423, 1-45362
- Butts, A.J.**, Murphy, J.P. Future planetary probes for Jupiter and Saturn 1-13663
- Buttsev, V.S.** see Aksinenko, V.D. 1-18662
- Butusov, M.M.** see Ostrovsky, Y.I. 1-13950
- Butylenko, A.K.**, Kobzenko, N.S.T.P. T-P-C phase diagram for magnetic transformations of Cr-Re system 1-52782
- Butylenko, A.K.**, Nevda, V.V. Chromium alloys with low linear expansion coefficients and low resistivities 1-2665
- Butylenko, A.K.**, Nevda, V.V., Chernenko, V.A. On order changes of magnetic phase transitions in Cr-Os system 1-3177
- Butylenko, A.K.**, Svechkarov, I.V., Sereda, Yu.P. Effect of pressure on the ω-phase boundary in Cd_{1-x}Hg_x alloys 1-39313
- Butzman, M.P.** see Ryzhkov, M.V. 1-28873
- Bus, J.** see Lindstrom, C. 1-11024
- Bus, S.** see Florentine, M. 1-35787
- Buvail, L.E.**, Ionov, A.V. Application of the finite-element method to the investigation of the vibroacoustic characteristics of structures at high audio frequencies 1-37683
- Buxey, D.** Solar water heaters 1-17277
- Buxton, B.F.** The elastic scattering of fast electrons 1-38210
- Buxton, G.V.** Reactions of electrons in frozen aqueous media—pulse radiolysis studies down to 6K 1-53421
- Buxton, L.W.**, Campbell, E.J., Keenan, M.R., Balle, T.J., Flygare, W.H. The rotational spectrum, nuclear spin-spin coupling, nuclear quadrupole coupling, and molecular structure of KrHF 1-33478
- Buxton, L.W.** see Campbell, E.J. 1-45027, 1-45940
- Buxton, L.W.** see Keenan, M.R. 1-10755
- Buxton, R.B.** see Myers, P.C. 1-9596

- Buyanov, G.I. see Smushkov, V.L. 1-21669
 Buyanov, R.A. see Kustov, G.N. 1-26197
 Buyanov, Yu.I. see Eremenko, V.N. 1-16757, 1-31425
 Buyers, W.J.L., Murray, A.F., Holden, T.M., Svensson, E.C., DuPlessis, P. de V., Lander, G.H., Vogt, O. Spin and phonon excitations in actinide systems 1-47874
 Buyers, W.J.L. see Bossard, P. 1-25721
 Buyers, W.J.L. see Hausser, O. 1-34963
 Buyers, W.J.L. see Murray, A.F. 1-26641
 Buzaneva, E.V., Strikha, V.I., Shevchuk, P.P. Penetration of iron-group transition metal ions into silicon and fracture of the silicon 1-26397
 Buzaneva, E.V. see Yurchenko, N.P. 1-3064
 Buzano, C., Rasetti, M., Valabrega, P.T. Raman scattering: A solvable model 1-52951
 Buzano, C., Vadamchino, M., Rasetti, M. Analysis of a ferroelectric pseudo-spin Hamiltonian by second order cumulant expansion 1-21138
 Buzare, J.Y., Fayet-Bonnel, M., Fayet, J.C. EPR investigations of the superhyperfine interaction and of the zero-field splittings for cubic and tetragonal Gd^{3+} centres at sixfold coordinated sites in AMF_3 crystals 1-31025
 Buzawa, M.J. Lens system for laser scanners 1-15246
 Buzawa, M.J. see Phillips, A.R. 1-45060
 Buzdin, A.I., Bulaevskii, L.N. On the behaviour of antiferromagnetic superconductors in magnetic field 1-30872
 Buzdin, A.I., Bulaevskii, L.N. Transverse exciton mass in a layered crystal 1-47500
 Buzdin, A.I., Bulayevskii, L.N. Appearance of inhomogeneous magnetic ordering of spins in a superconductor 1-30968
 Buzhinskii, I.M., Zhukovets, Zh.G., Yakovleva, I.I. Temperature coefficient of linear expansion on an interference dilatometer over the temperature range -60-60°C 1-19556
 Buzin, I.M., Ivanov, I.V., Chistyayev, V.A., Chuprakov, V.F. Low dielectric loss in the nonlinear crystal potassium tantalate 1-34982
 Buzinov, S.N., Peshkin, M.A. Change in the mixing zone of two gases moving in a porous medium 1-2074
 Buznik, V.M. Electric field gradients on the nuclei in MgF_2 1-38758
 Buzukov, A.A. see Baev, V.K. 1-46795
 Buzynin, A.N. see Buzynin, Yu.N. 1-30114, 1-30115
 Buzynin, Yu.N., Bletskan, N.I., Zaichko, V.V., Buzyn, A.N., Dement'ev, Yu.S., Sokolov, E.B. Effect of growth conditions on the structure of silicon crystal ribbons 1-30114
 Buzynin, Yu.N., Buzynin, A.N., Bletskan, N.I., Sokolov, E.B. Twinning in silicon ribbons 1-30115
 Buzzard, G.H., Bell, J.P. Experimental filtration efficiencies for large pore Nuclepore filters 1-48749
 Buzzata, A. see Boucort, J. 1-1039, 1-14784
 Buzzell, J.A. see Bandyopadhyay, G. 1-774
 Buzzell, J.A. see Rawers, J.C. 1-43505
 Buzzelli, E.S. see Demczyk, B.G. 1-53595
 Buzzzi, A. see Trevisan, A. 1-13521
 Buzzo, A. see Bozzo, M. 1-23961
 Byakov, V.M., Grafutin, V.I., Koldaeva, O.V., Minalchev, E.V. Electron transfer in reactions of positronium ions in liquids 1-12991
 Byakova, A.V. see Loskutov, V.F. 1-8482
 Byard, P. see Capriotti, E. 1-44625
 Bychkov, R.A., Lezhekevsk, V.P. A disintegrator to make grains for glass-microsphere production 1-12714
 Bychkov, V.D., Vitrichenko, E.A., Shcherbakov, A.G. Spectral classification and the method of the search for the cool companions of spectroscopic binaries in near infrared 1-17877
 Bychkov, V.L., Eletsii, A.V. Constriction of discharges in ultraneutronic molecular cases 1-15663
 Bychkov, V.A., Iordanski, S.V., Eliashberg, G.M. Two-dimensional electrons in a strong magnetic field 1-52631
 Bychkov, Yu.A., Iordanskii, S.V. Collective excitations in semimetals with electron-hole pairing 1-52513
 Bychkov, Yu.A., Iordanskii, S.V., Rashba, E.I. New mechanism of electron-hole droplet instability 1-47489
 Bychkova, L.P., Kalinin, A.V., Rutkevich, I.M. MHD model of conversion of the plasma energy of a thermonuclear microexplosion 1-32035
 Bydder, E.L., Liley, B.S. Longitudinal electron modes in plasma 1-19887
 Bydinskaya, I.N., Naskidashvili, I.A., Melik-Shakhnazarov, V.A., Savin, V.I. New low-temperature phase transition in zirconium hydride 1-2624
 Byer, N.E. see Sun, T.S. 1-16380
 Byer, R.L. The generation of tunable infrared radiation via nonlinear interactions 1-46457
 Byer, R.L. see Duncan, M.D. 1-41387
 Byer, R.L. see Endemann, M. 1-9286
 Byer, R.L. see Giuliani, G. 1-11074
 Byer, T., Richter, J.-U., Vardi, J. Energy development in the Caribbean—options and necessities 1-53525
 Byers, J.A. see Cohen, B.I. 1-29835
 Byford, G.H. Heart-rate and its variability—pitfalls, etc 1-32274
 Bykanova, T.A. see Lavrov, A.V. 1-8549
 Bykov, A.D. see Antipov, A.B. 1-24161
 Bykov, A.I. see Druzhinin, V.V. 1-26041
 Bykov, A.I. see Pavlovskii, A.I. 1-33026
 Bykov, A.M., Toptygin, I.N. Theory of particle acceleration by shock-wave fronts with large-scale plasma motion in a turbulent medium 1-36123
 Bykov, A.M., Volyar, A.V., Kondakov, M.E., Huchiyani, L.M. General Jones matrix for multimode lightguides 1-41831
 Bykov, Yu.A. see Sokolenko, L.M. 1-30979, 1-52821
 Bykova, L.E. On the determination of Jupiter's mass from the motion of its outer satellites 1-49566
 Bykovskaya, L.A., Litvin, F.F., Personov, R.I., Romanovskii, Yu.V. Fine structure of the fluorescence spectra of chlorophyll a, protochlorophyll and their phyophytins on selective laser excitation 1-35744
 Bykovskii, N.E. see Baranova, N.B. 1-1656
 Bykovskii, N.E. see Basov, N.G. 1-6596
 Bykovskii, Yu.A., Gerasimenko, V.S., Mironov, A.V., Smirnov, V.L., Khimnits, V.V. Fabrication of thin-film waveguides from glassy chalcogenide semiconductors by laser evaporation 1-6694
 Bykovskii, Yu.A., Vigdorovich, E.N., Katashevskii, V.A., Rybakov, A.V., Smirnov, V.L., Sorokovikov, V.N., Tolstopyatov, O.I. GaAsP integrated-optics optron 1-24535
 Bykovskii, Yu.A. see Al'tudov, Yu.K. 1-23369, 1-52163
 Bykovskii, Yu.A. see Antonov, V.A. 1-8966
 Byl, J. see Ovenden, M.W. 1-40376
 Bylinkin, V.A. see Bogolov, V.N. 1-41281
 Bynum, F. see Bordoloi, K. 1-17259, 1-32048
 Byong Sun Chu. Study on the wear resistance and the strength-toughness at ultimate low temperature of high manganese steels 1-12852
 Byoung G. Min see Sun I. Kim 1-32219
 Byoung Yoon Kim, Sang Sam Choi Frequency stabilization of 6328A internal mirror He-Ne lasers 1-46382
 Byoung Yoon Kim, Sang Sam Choi Backscattering measurement of bending-induced birefringence in single mode fibres 1-46561
 Byoung Yoon Ki see Ki Byoung Yoon
 Byram, E.T. see Mufson, S.L. 1-36381
 Byram, E.T. see Ulmer, M.P. 1-54640
 Byrappa, K. see Litvin, B.N. 1-43255, 1-53163
 Byrd, G.G. see Barken, B.M. 1-49666
 Byrd, G.G. see Valtonen, M.J. 1-9700
 Byrd, J.T. see Surprenant, H.L. 1-19111
 Byrd, R.C., Floyd, C.E., Murphy, K., Guss, P.P., Walter, R.L., Cotanel, S.R. Measurement and Lane-model analysis of cross sections for the $^{13}C(p,n)^{13}N$ and $^{15}N(p,n)^{15}O$ reactions 1-28476
 Byrd, R.C. see Mack, G. 1-693
 Byrd, R.C. see Murphy, K. 1-50597
 Byrme, D.M. see King, M.D. 1-22491
 Byrme, D.M. see Tyson, R.K. 1-46494
 Byrme, J. see Forte, M. 1-28235
 Byrme, J. see Gomes, P.R.S. 1-12626
 Byrme, J. see Karlan, M.S. 1-13308
 Byrme, J. see Ribeiro, J.P. 1-28459
 Byrme, J.G., Johnson, M.L. Dislocation trapping of positrons 1-15890
 Byrme, J.G. see Querelles, A. 1-21485
 Byrme, M., Bilton, G.R. The interfacial kinetics of the reaction of CO with nickel. II. The decarburization of liquid nickel 1-4047
 Byrme, P.B., McFarland, J. Gliese 867—further observations of a multiple flare star system 1-13780
 Byrme, R.H. see Fanning, K.A. 1-54066
 Byron, F.W., Jr., Joachim, C.J., Piroux, B. Triple differential cross sections for the ionisation of atomic hydrogen by fast electrons: a second Born treatment 1-19187
 Byrski, T., Beck, F.A., Gehring, C., Merdinger, J.C., Schutz, Y., Vivien, J.P. Irregularities in the yrast line of ^{154}Er 1-45396
 Byrski, T. see Beraud, R. 1-45401
 Byrski, T. see Bourgeois, C. 1-45413
 Byrski, T. see Elias, N. 1-18548, 1-28365
 Byrski, T. see Merdinger, J.C. 1-5691
 Byrski, T. see Vivien, J.P. 1-45451
 Bystricky, V.M. see Fogoski, J.W. 1-46219
 Bystritskii, K.M. Pulsed high-current ion beams 1-1482
 Bystritskii, V.M., Didenko, A.N., Kozhevnikov, A.V., Krasik, Ya.E., Prokhorov, A.M., Sulakshin, S.S. Efficient Ar-N₂ laser pumped by a high-current ion beam 1-51461
 Bystritskii, V.M., Podkatov, V.I. Upper boundary of the energy distribution of electrons in the radial flux near the anode during the injection of a relativistic electron beam into a neutral gas 1-33615
 Bystroumov, V.A. see Ignashov, I.A. 1-11294
 Bystroum, L.N., Ivanov, L.I., Tsepel, A.B. Influence of electron irradiation on the mechanical properties of austenitic stainless steels 1-16800
 Bystroum, M.V., Kobrin, M.M., Snegirev, S.D. Quasiperiodic geomagnetic pulsations with periods of 20-200 min and their relation to analogous solar radio noise pulsations before proton flares 1-22629
 Bystroum, V.F. see Okhanov, V.V. 1-14939
 Bystroum, Yu.A., Zagranichnyi, E.N., Radchenko, Yu.G. Instrument for measuring inhomogeneity of a magnetic field 1-18250
 Bystroum, N.V. Neutral hydrogen to the west of λ orionis 1-4967
 Byszewski, P., Cieplak, M.Z., Mongird-Gorska, A. The energy structure of HgMnSe in a strong magnetic field 1-12128
 Byszewski, W.W. see Kunhardt, E.E. 1-38044
 Bytenskii, L.I., Konstantinov, P.P., Ravich, Yu.I. Inhomogeneity of solid solutions due to impurity energy levels 1-20404
 Bytva, I.M. Investigation of the luminescence of oxygen in solutions by pulsed spectroscopy 1-6307
 Bytva, I.M. see Salokhiddinov, K.I. 1-14954
 Bytsenko, A.A., Kitorov, S.A. Soliton solutions of the non linear Schrödinger equation with an external time-dependent field 1-40671
 Byun Bok Sub see Bok Sub Byun
 Byung Chan Eu. A modified moment method and irreversible thermodynamics 1-5259
 Byung-Ha Yoon see Dai-Ryong Kim 1-12926
 Byung-Ho Ahn see Akafo, S.-I. 1-40250
 Byvaliy, V.A., Volkov, A.S., Gol'berg, Yu.A., Dmitriev, A.G. Photoelectric properties of variable-gap Au-Ga_{1-x}Al_xAs structures 1-20812
 Byvshev, B.V. see Marov, M.Ya. 1-4802
 Byvov, N.N. see Bordovitsyn, V.A. 1-41548
 Byzova, N.L., Shnaidman, V.A. Calculation of characteristics of the atmospheric boundary layer from data of a meteorological mast 1-22469
 Bzhalya, T.L. see Glurdzhidze, L.N. 1-3521, 1-26295
 C., H. Ruiz see Ruiz C., H.
 C. Mei Chiang see Chiang C., Mei
 C. Viana, C.S. Da see Da C. Viana, C.S.
 Cabaj, J. see Keck, G. 1-22164
 Cabane, M., Playe, P. Mass spectra of negative ions in air-like gas mixtures at atmospheric pressure 1-48764
 Cabane-Brouty, F. see Aufray, B. 1-42399
 Cabanie, J.-P. Study of a star coupler for a high rate data transmission system 1-6644
 Cabannes, F. Infrared properties and radiative thermal conductivity of fibrous refractory materials 1-42591
 Cabannes, F. Heating of a gas by means of solar radiation concentrated in a porous material 1-46663
 Cabannes, H. Periodic movements of a vibrating string in the presence of a rectilinear obstacle 1-23026
 Cabaud, H., Hoareau, A., Melinon, P. Time-of-flight spectroscopy of a supersonic beam of mercury. Intensities and appearance potentials of Hg_n aggregates 1-6420
 Cabello, A. see Duenas Fananas, J.A. 1-51181
 Cabello, A. see Fananas, J.A. 1-6233
 Cabenda, R. see Bebek, C. 1-33191
 Cabenda, R. see Chadwick, K. 1-33192
 Cabibbo, N. Quark and lepton mixing 1-28199
 Cabibbo, N. Parton distributions and their Q² dependence 1-28319
 Cabibbo, N., Sertorio, L. (editor) Hadronic Matter at Extreme Energy Density 1-17939
 Cable, J.W. see Felcher, G.P. 1-12263
 Cable, M., Siddiqui, M.Q. The replacement of soda ash by caustic soda in laboratory glass melting trials 1-21411
 Cable, M., Walters, S.D. A test of Shelyubskii's method for determining the homogeneity of glass 1-39055
 Cable, M.D. see Ayto, J. 1-45414
 Cable, R., Rhodes, W. Theoretical analysis of spectral structure: doorway state coupling schemes 1-37175
 Cabot, C., Della Negra, S., Gauvin, H., Delagrè, H., Dufour, J.P., Fleury, A. Emission of few nucleons, including only one neutron, in the $^{63}Cu+^{93}Nb$ reaction 1-14537
 Cabot, C., Gauvin, H., Le Beyec, Y., Delagrè, H., Dufour, J.P., Fleury, A., Llabador, Y., Alexander, J.M. Evaporation residue and fission cross-sections for the system: $^{40}Ar+^{110}Pd$ 1-45446
 Cabot, C. see Borderie, B. 1-23703
 Cabot, W. see Winget, D.E. 1-49645

- Cabral, J.A.C., Varandas, C.A.F.** Suppression of the electron cyclotron instability of a beam-plasma system by selective cyclotron damping 1-2202
- Cabre, R.** *see* Watanabe, T. 1-44131
- Cabrera, J.M.** *see* Dieguez, E. 1-31208
- Cabriel, C.** *see* Dawkins, A.W.J. 1-43897
- Caby, M.** *see* Hoe, N. 1-37153
- Caccamo, C.** *see* Abramo, M.C. 1-2311, 1-11658, 1-11666
- Caccione, D.A.** *see* Karl, H.A. 1-22326
- Cacciabue, P.C.** RESTRUC: An analytical model for the evaluation of LMFBR fuel thermal performance under normal operating conditions correlated to hypothetical core disruptive accidents computer programs 1-14643
- Cacciani, A., Fofi, M.** Instantaneous probability density function and the velocity-amplitudes in the five minutes oscillation in the Sun 1-9460
- Cacciani, A., Fortini, T., Torelli, M.** Na-light flare observations: McMath 13043-July 1974 1-4853
- Cacciopoli, R.J., Hoffman, J.R., Moody, L.E.** Modernizing in-core flux monitoring instrumentation to improve plant operational capabilities 1-28654
- Cacciatore, M., Capitelli, M.** Cross sections and rate coefficients for electronic excitation of the triplet states of the hydrogen molecule in different vibrational levels 1-46138
- Caccin, B., Gomez, M.T., Roberti, G.** The formation of Na I spectral lines in the solar atmosphere 1-27440
- Cachero, J.A.** *see* Garcia Cachero, J.A.
- Caciolo, C.P.** *see* Kuhlman, R.E. 1-17525
- Cacuci, D.G., Weber, C.F.** Application of sensitivity theory for extrema of functionals to a transient reactor thermal-hydraulics problem 1-10430
- Cacuci, D.G.** *see* Barhen, J. 1-41218
- Cacuci, D.G.** *see* Weber, C.F. 1-10455
- Cadek, J.** Creep in particle strengthened metals 1-43414
- Cadek, J.** *see* Cerny, V. 1-48426
- Cadek, J.** *see* Orlova, A. 1-31547
- Cadek, J.** *see* Pahunova, M. 1-3838
- Cadek, J.** *see* Sklenicka, V. 1-48486
- Cadene, M.** *see* Lumberas-Ginter, M. 1-13133
- Caderni, N.** Viscous dissipation and evolution of homogeneous cosmological models 1-54679
- Cadeville, M.C.** *see* Maurer, M. 1-52850
- Cadieu, F.J., Cuomo, J.J., Gambino, R.J.** Superconductivity in the yttrium sesquicarbide system 1-25825
- Cadieux, J.R., Stone, J.A.** Voloxidation and dissolution of irradiated plutonium recycle fuels 1-18852
- Cadieux, J.R.** *see* Reif, D.J. 1-18865
- Cadioli, B.** *see* Gallinella, E. 1-37353
- Cadle, R.D.** Some effects of the emissions of explosive volcanoes on the stratosphere 1-13531
- Cadle, R.D.** *see* Rose, W.I., Jr. 1-32417
- Cadmus, R.R., Jr., Haeblerli, W.** Effect of the deuteron D-state on the polarization and analyzing power in $\text{Li}^3\text{He}(d,p)$ reactions 1-18633
- Cadoff, I.** *see* Thubriker, M. 1-17523
- Cadogan, J.M.** *see* Bowden, G.J. 1-43046
- Cadoret, M.** *see* Laporte, J.L. 1-2368
- Cadoret, R.** Application of the theory of rate processes in the CVD of GaAs 1-39248
- Cadoret, R.** *see* Laporte, J.L. 1-2368
- Cadwallender, W.** *see* Vezzoli, G.C. 1-26292
- Cadwell, L.H., Morris, R.C., Moulton, W.G.** Normal and superconducting properties of K_2WO_6 1-52566
- Cady, F.M., Bates, R.H.T.** Speckle processing gives diffraction-limited true images from severely aberrated instruments 1-6500
- Cady, J.W.** Calculation of gravity and magnetic anomalies of finite-length right polygonal prisms 1-44065
- Cadzow, J.A.** Autoregressive moving average spectral estimation: a model equation error procedure 1-40220
- Caeili, T.M.** Facilitative and inhibitory factors in visual texture discrimination 1-39928
- Caeili, T.M.** Some psychophysical determinants of discrete Moore patterns 1-48998
- Caeili, T.M., Dowdell, P.C.** On the contours of apparent motion: a new perspective on visual space-time 1-39929
- Cactano da Silva, J.** *see* Winogradoff, N.N. 1-52991
- Caffio, M.** *see* Barbieri, R. 1-547
- Caffrey, A.J.** *see* de Lima, A.P. 1-41033
- Cafilisch, R., Majda, G., Peskin, C., Strumolo, G.** Distortion of the arterial pulse 1-22039
- Cage, M.E.** *see* Olsen, P.T. 1-36602
- Cagninall, G.** Wall and boundary free energies. III. Correlation decay and vector spin systems 1-206
- Cagliostro, D.J.** *see* Romander, C.M. 1-828
- Caglioti, G.** *see* Bottani, C.E. 1-47202
- Cagnac, B.** *see* Giacobino, E. 1-28069
- Cagnac, B.** *see* Grynberg, G. 1-51178
- Cagnon, M., Durand, G.** Mechanical shear of layers in smectic-A and smectic-B liquid crystal 1-15798
- Cagnoux, J.** Experimental determination of the elasto-plastic behaviour of a glass exposed to shock 1-38466
- Cagnoux, J., Chartier, F., Perez, M.** Thermodynamic determination of the law of development of porosity for a ductile porous material 1-39318
- Caha, A.** *see* Vesela, Z. 1-32225
- Cahalan, R.F.** *see* Salmon, H. 1-49378
- Cahen, C., Megie, G.** A spectral limitation of the range resolved differential absorption lidar technique 1-36074
- Cahen, D.** *see* Hodes, G. 1-21888
- Cahen, D.** *see* Mirowsky, Y. 1-43785
- Cahen, H.T., de Wit, J.H.W., Honders, A., Broers, G.H.J., van den Dungen, J.P.M.** Thermogalvanic power and fast ion conduction in $\delta\text{-Bi}_2\text{O}_3$ and $\delta\text{-(Bi}_2\text{O}_3)_x\text{-(R}_2\text{O}_3)_y$ with $\text{R}=\text{Y}$, Th-Lu 1-34513
- Cahen, H.T., van den Belt, T.G.M., de Wit, J.H.W., Broers, G.H.J.** The electrical conductivity of $\delta\text{-Bi}_2\text{O}_3$ stabilized by isovalent rare-earth oxides R_2O_3 1-34512
- Cahen, M., Gutt, S., de Wilde, M.** Local cohomology of the algebra of C^∞ functions on a connected manifold 1-18079
- Cahen-de Villard, J., Clerc, M., Isnard, P., Weulersse, J.M.** Coherent Stokes and anti-Stokes Raman spectra of the $\nu_1(\text{A}_1)$ and $\nu_2(\text{E})$ bands of SF_6 and UF_6 1-51212
- Cabenzli, L.** *see* Bruce, D. 1-9244
- Cahill, K.** Nonlinear internal symmetry 1-10067
- Cahill, P.T.** *see* Knowles, R.J.R. 1-53898
- Cahill, R.F., Udd, E.** Solid-state phase-nulling optical gyro 1-1696
- Cahill, R.T., Janus, R.T.** $\phi^2\sigma$ phase transition and interplay of Schwinger-Dyson equation solutions 1-14249
- Cahn, J.H.** Pulsation properties of MIRA long period variables 1-44576
- Cahn, R.N., Harari, H.** Bounds on the masses of neutral generation-changing gauge bosons 1-23463
- Cahn, R.N., Kayser, B.** Angular distributions and the physics of charmed-meson production at the 4.028-GeV resonance 1-33195
- Cahn, R.W.** *see* Kijek, M. 1-42580
- Cahn, R.W.** *see* Kursumovic, A. 1-25472, 1-43399
- Cahoreau, M.** *see* Grosbras, M. 1-21547
- Cahuzac, P.** *see* Brechignac, G. 1-19052
- Cahuzac, Ph.** *see* Brechignac, G. 1-33432
- Cai, Q.G.** *see* Zhou, F.J. 1-1883
- Cai Huang Zhi** *see* Zhi Cai Huang
- Cai Shu-zheng, Wang Shan, Zhang Xiang-sheng, Hu Ming-hua, Zhang Yu-liang** The measurement of reentry plasma's electron density and profile by using microwave antenna impedance method 1-25002
- Cai Shutang** *see* Qi Jingtai 1-33933
- Cai Ti Quan** The redetermination of the EMF-temperature coefficient of saturated standard cells in China 1-33009
- Cai Yao-lu** *see* Wang Cheng-xu 1-48789
- Cai Yong-En** *see* Wang Ren 1-4427
- Cai Yulin** *see* Zheng Yunrong 1-39339
- Cai Zu-Huang** Earth tides and seismic waves recorded by the level fluctuations in a deep borehole at Wali near Beijing 1-9181
- Cai Zu-Huang** *see* Shi Hui-Xin 1-4429
- Caianiello, E.R.** Geometry from quantum mechanics 1-27820
- Caigault, L.** *see* Lechappellier, M. 1-4165
- Caillard, D., Martin, J.L.** A microscopic study of the substructure during creep in aluminium at intermediate temperature 1-30237
- Caillaie, A.** *see* Tannous, C. 1-12102
- Cailler, M., Ganachaud, J.P., Bourdin, J.P.** The mean free path of an electron in copper between two inelastic collisions 1-34387
- Cailler, M., Ganachaud, J.P.** Monte Carlo simulation technique for the penetration of keV electrons in a metal target and the induced secondary electron emission 1-16631
- Cailler, M.** *see* Hantzpergue, J.J. 1-34818
- Cailler, M.** *see* Roptin, D. 1-16159
- Caillat, A.** *see* De Brion, J.P. 1-37066
- Caillat, J.** *see* Boucrot, J. 1-1039, 1-14784
- Caillat, P.** *see* Cudennech, Y. 1-47063
- Cailletaud, G., Chaboch, J.L.** Macroscopic description of the microstructural changes induced by varying temperature: example of IN100 cyclic behaviour 1-35341
- Caillaux, A.** *see* Dollfus, A. 1-22520
- Caillon, M.** *see* Grosbras, M. 1-21547
- Caillot, A.** *see* Etcheber, H. 1-27207
- Cailloux, M.** *see* Sornette, B. 1-17801
- Caimi, F.** *see* Casasent, D. 1-6523
- Caimi, F.** *see* Psaltis, D. 1-46240
- Caimu Liu** *see* Liu Caimu
- Cain, C., Jr., Drouhard, D.T., Paul, D.L., Mahlman, H.A.** Preoperational chemical cleaning of steam generators—Sequoyah Nuclear Plant unit 1 1-759
- Cain, D.G.** Function and role of TMI-2 instrumentation in core damage assessment 1-18826
- Cain, D.G., Long, A.B., Oakes, L.C.** Improving the operator's role in future control room designs 1-28649
- Cain, D.G.** *see* Buhl, A.R. 1-10486
- Cain, F.L.** *see* Ryan, C.E., Jr. 1-17455
- Cain, J.** *see* Jacobs, V.L. 1-6929
- Caini, V.** Peltier battery thermostat for semiconductor detectors 1-23988
- Caird, J.A., Carnall, W.T., Hessler, J.P., Williams, C.W.** The terbium chloride-aluminum chloride vapor system. I. Absorption and excitation spectra 1-45979
- Caird, J.A., Hessler, J.P., Carnall, W.T., Williams, C.W.** The terbium chloride-aluminum chloride vapor system. II. Fluorescence 1-46008
- Caird, R.S., Brownell, J.H., Erickson, D.J., Fowler, C.M., Freeman, B.L., Oliphant, T.** Megagauss fields produced with small explosive charges 1-33018
- Cairns, B.R.** *see* Saxena, R.R. 1-8706
- Cairns, J.A., Coad, J.P., Richards, E.W.T., Stenhouse, I.A.** Carbon deposition on metallic surfaces studied by r.f. plasma discharge 1-28594
- Cairns, J.L.** Variability in the Gulf of Cadiz: Internal waves and globs 1-17601
- Cairns, R.A.** *see* Sherwell, D. 1-6946
- Caisso, J.** *see* Grosbras, M. 1-21547
- Caituco, F., Leroux, B., Barreau, G., Carjan, N., Benfoughal, T., Doan, T.P., El Hage, F., Sicre, A., Asghar, M., Perrin, P., Siegert, G.** The thermal-neutron-induced alpha-accompanied fission of ^{235}U investigation of the low energy part of the alpha spectrum 1-23700
- Caituco, F.** *see* Sicre, A. 1-50682
- Cakenberghe, J.** *see* Van Van Cakenberghe, J.
- Cakici, M.H.** The Turkish nuclear power project: manpower development and personnel planning for operation and maintenance 1-5976
- Calabretta, L.** *see* Alba, R. 1-50675
- Calado, J.C.G.** *see* Albuquerque, G.M.N. 1-18241
- Calado, J.C.G.** *see* Albuquerque, G.M.N. 1-38422
- Calais, J.-L.** On the localization of defects 1-7553
- Calais, J.-L.** Pairing, gap equations, and instabilities 1-19230
- Calan, C.** *see* de de Calan, C.
- Calandra, C.** Electronic structure of semiconductors 1-16226
- Calandra, C.** *see* Abbati, I. 1-53047
- Calandra, C.** *see* Bertoni, C.M. 1-47721
- Calandra, C.** *see* Margaritondo, C. 1-38828
- Calaoara, A.** *see* Gazanhes, C. 1-1792, 1-24608
- Calarco, J.R.** *see* Sandorfi, A.M. 1-14559
- Calatroni, J., Da Costa, G.** Space-time Fourier holography applied to dispersion curve measurements 1-1527
- Calatroni, J., Vient, J.C.** Holographic analysis of dispersive pupils in space-time optics 1-41560
- Calatroni, J.** *see* Da Costa, G. 1-368
- Calawa, A.R.** *see* Davies, G.J. 1-3633
- Calcagnile, G., Panza, G.F.** Upper mantle structure of the Apulian Plate from Rayleigh waves 1-4458
- Caldara, F., Delmastro, A., Fracchia, G., Maja, M.** Properties of lead dioxide doped with antimony 1-16207
- Caldeira, A.O., Leggett, A.J.** Influence of dissipation on quantum tunneling in macroscopic systems 1-40674
- Caldeira, J.F.** *see* Debehogne, H. 1-9406
- Calder, C.A., Draney, E.C., Wilcox, W.W.** Non-contact measurement of the elastic constants of plutonium at elevated temperatures 1-53223
- Calder, I.D., Mast, D.B., Sharma, B.K., Owers-Bradley, J.R., Ketterson, J.B., Halperin, W.P.** Group-velocity spectroscopy of collective modes in superfluid $^3\text{He-B}$ 1-20498
- Calder, I.D., Sarma, B.K., Cheng, B.-Y., Ketterson, J.B.** Unusual melting behavior in a smectic liquid crystal 1-16032
- Calderon, C.** *see* Richmond, A.D. 1-9317
- Calderon, J.H.** *see* Sersic, J.L. 1-32756
- Calderon, M.A.** *see* Garcia Calderon, M.A.
- Caldi, D.G.** *see* Bardakci, K. 1-28178
- Caldirola, P., Maccarrone, G.D., Recami, E.** Second contribution on solving the 'imaginary quantities' problem in superluminal Lorentz transformations 1-9831
- Caldwell, C.D., Engelke, F., Hage, H.** High resolution spectroscopy in supersonic nozzle beams: the $\text{Rb } ^2\Pi_{1/2} \rightarrow ^2\Sigma_g^+$ band system 1-29019
- Caldwell, J.** Solutions of potential problems using the reduction to Fredholm integral equations 1-33590
- Caldwell, J., Owen, T., Rivolo, A.R., Moore, V., Hunt, G.E., Butterworth, P.S.** Observations of Uranus, Neptune, and Titan by the International Ultraviolet Explorer 1-54417
- Caldwell, J., Wanless, P., Burrows, B.L.** A practical application of variational-iterative schemes 1-5107
- Caldwell, J.** *see* Carlson, B.E. 1-49571
- Caldwell, J.** *see* Jaffe, W. 1-44482
- Caldwell, J.H.** *see* Williams, D.L. 1-22115
- Caldwell, J.T.** *see* Kunz, W.E. 1-14602
- Caldwell, J.T.** *see* Pratt, J.C. 1-18762

- Caldwell, J.W., Gordon, M.S. An approach to polyatomic Franck-Condon integrals. Application to the photoelectron spectrum of water 1-51109
- Caldwell, R.D. see Hayes, G. 1-28741
- Caldwell, W.B. see Woodruff, H.B. 1-53505
- Calecki, D. Hot electron distribution function in quantizing magnetic fields 1-16303
- Calecki, D., Potier, N. Is a Fermi-Dirac distribution function for a non-equilibrium electron gas in high crossed electric and magnetic fields possible? 1-166
- Calecki, D. see Potier, N. 1-25739
- Caledonia, G.E. see Green, B.D. 1-37142
- Calemczuk, R., Lagnier, R. Phonon density of states and specific heat of amorphous and crystalline selenium 1-30345
- Cales, B., Abela, P. Dielectric properties of ionic conductors: yttria stabilized zirconia and forsterite 1-3327
- Cales, B., Baumard, J.F. Electrical properties of the ternary solid solutions ($\text{ZrO}_2(1-x)\text{CeO}_2(x)$) ($0 \leq x \leq 1$) 1-42833
- Calestani, G. see Brooks, M.S.S. 1-47059
- Caley, R.J. see Ferber, P.W. 1-22129
- Caley, R.J. see Mohan, R. 1-22127
- Calhoun, J. see Bray, R.C. 1-38696
- Calì, C., Dancu, V., Riva-Sanseverino, S. Use of a scanning laser beam for thin film control and characterization 1-6692
- Calia, V.S. see Brook, J.W. 1-45716
- Calinon, R. see Sahin, S. 1-41239
- Calis, G.H.M., Swols, A.E.M., Trooster, J.M. A ^3He cooling system for Mossbauer experiments 1-10055
- Calkin, M.G. see Cordes, J.G. 1-10700
- Calkins, J. see Barcelo, J.A. 1-26944
- Calkins, J.L., Hochheimer, B.F., D'Anna, S. Potential barriers from specific ophthalmic devices 1-35816
- Call, P.J. Overview of solar reflector applications, materials, and research and development 1-13104
- Calla, O.P.N., Raju, G., Rana, S.S., Balasubramanian, S. Microwave brightness temperature pattern over the Indian subcontinent and the surrounding oceans as observed by the satellite microwave radiometer (SAMIR) onboard Bhaskara 1-27166
- Calladine, C.R., Robinson, J.M. A simplified approach to the buckling of thin elastic shells 1-6800
- Callaghan, P.T., Jolley, K.W., Trotter, C.M. Stable and accurate spin echoes in pulsed field gradient NMR 1-14150
- Callahan, J.E. Heavy minerals in stream sediments from Churchill Falls, Labrador - an aid in bedrock mapping 1-44136
- Callahan, P.S. Stimulated visible emission from insects and its relationship to nonlinear scattering of radiation and nighttime UFO sightings 1-4320
- Callahan, P.S. Stimulated maser-like infrared emission from water vapor doped with ammonia and insect sex attractant: biological implications 1-17454
- Callan, C.G., Jr. A simple picture of the weak-to-strong coupling transition in quantum chromodynamics 1-28285
- Callanan, J.E., Granville, N.W., Green, N.H., Staveley, L.A.K., Weir, R.D., White, M.A. A study of cationic disorder in nitrosyl tetrafluoroborate, by comparison of the heat capacity of this salt with that of potassium tetrafluoroborate from 9 to 304K 1-47251
- Callanan, J.E., Weir, R.D., Staveley, L.A.K. The thermodynamics of mixed crystals of ammonium chloride and ammonium bromide. I. The heat capacity from 8K to 476K of an approximately equimolar mixture 1-2651
- Callanan, J.E., Weir, R.D., Staveley, L.A.K. The thermodynamics of mixed crystals of ammonium chloride and ammonium bromide. II. An analysis of the heat capacity of ammonium chloride, ammonium bromide, and an approximately equimolar solid solution of these salts 1-2652
- Callanan, J.E., Weir, R.D., Staveley, L.A.K. The thermodynamics of mixed crystals of ammonium chloride and ammonium bromide. III. The heat capacity from 8 to 300K of solid solutions of composition $\text{NH}_4\text{Br}_x\text{Cl}_{1-x}$ and $\text{NH}_4\text{Br}_{0.25}\text{Cl}_{0.75}$ 1-47252
- Callanan, J.E. see Bartel, J.J. 1-16054
- Callander, T.M.S. see Simpson, H.C. 1-28557
- Callaway, J. Scattering of electrons by atoms 1-1364
- Callaway, J. The ρ shape resonance in electron-hydrogen scattering 1-51296
- Callaway, J. see Wakid, S.A. 1-1380, 1-41496
- Callcott, T.A., Tagle, J.A., Arakawa, E.T., Stocks, G.M. Soft X-ray emission from Li-Mg and Li-Al alloys and comparisons with KKR-CPA calculations 1-31239
- Callcott, T.A. see Tagle, J.A. 1-8164
- Callcar, A.B., Koon-Lam Lai. Vibrational structure of Rydberg transitions of metastable mercury dimers 1-10714
- Callegari, A.C. see Kleinsasser, A.W. 1-47812
- Callegari, A.J. see Hoffert, M.I. 1-27178
- Callegari, G. see Baroni, L. 1-36321
- Callega, E., Piqueras, J. Effect of vacuum annealing cleaning on electrical characteristics of $\text{GaAs}_{1-x}\text{P}_x$ -Mo Schottky diodes 1-34794
- Callega, F.J. see Salazar, J.M. 1-35249
- Callega, J.M., Ruiz, A., Flores, F., Velasco, V.R., Lilley, E. Characterization of the Suzuki phase in doped alkali halides by Raman spectroscopy 1-31138
- Callen, H. see Josephs, R.M. 1-7920
- Callen, J.D. see Yang, T.F. 1-6958
- Callender, R.H. see Doukas, A.G. 1-39865
- Callias, C., Taubes, C.H. Functional determinants in Euclidean Yang-Mills theory 1-10061
- Calligaris, E. see Armstrong, T. 1-10606
- Callinan, R.J. see Jones, R. 1-37848
- Callisen, H.H., Cochran, S.T., Khodadoust, A.A., Norman, A. Advantage of underweight [in diagnostic radiology] 1-9026
- Callot, O. see Badier, J. 1-10218, 1-10582, 1-14430
- Callot, O. see Boucrot, J. 1-1039, 1-14784
- Callow, L.M. see Hladky, K. 1-12896
- Calloway, A.R., Danielewicz, E.J. Optically pumped submillimeter SO_2 laser 1-46319
- Callup, G.A. see Sramek, S.J. 1-1363
- Caloesen, C. see Moldoveanu, N. 1-44340
- Calogero, F. Isospectral matrices and polynomials 1-99
- Calogero, F., Degasperis, A. Nonlinear evolution equations solvable by the inverse spectral transform associated with the matrix Schrödinger equation 1-36512
- Caloi, R., Gentile, S., Mignani, R. On the spectroscopy of beautiful baryons 1-5610
- Caloi, R. see Federici, L. 1-29240
- Calone, L.J. On-line computer programs at the Shoreham Nuclear Power Station 1-23807
- Calster, A. van see Van Calster, A.
- Caltaigione, J.-P., Combarnous, M., Motjati, A. Natural convection between two concentric spheres: transition toward a multicellular flow 1-1971
- Caltaigione, J.-P. see Motjati, A. 1-1966
- Calucci, G. Effects of fourth-order vacuum polarization on the large-order perturbation expansion for the anomalous magnetic moment 1-14278
- Calucci, G. Further investigations on the perturbative expansion for the anomalous magnetic moment 1-14279
- Calvani, M. Spinning particles orbiting the Kerr black hole: cosmic censorship at work 1-13798
- Calvani, M., de Felice, F., Nobili, L. Photon trajectories in the Kerr-Newman metric 1-5185
- Calvani, M., Nobili, L., Turolla, R. Star counts in M15 on U, B and V plates 1-22847
- Calvani, M. see Abramowicz, M.A. 1-49706
- Calvani, M. see de Felice, F. 1-18087
- Calvarin, G. see Berar, J.F. 1-28146
- Calvalyier, Y., Harmelin, M., Quivy, A., Chevalier, J.P., Bigot, J. Cold-rolling and subsequent annealing of amorphous $\text{Cu}_{60}\text{Zr}_{40}$ 1-3783
- Calvalyier, Y., Harmelin, M., Quivy, A., Chevalier, J.P., Bigot, J. A comparison of the reproducibility and homogeneity of amorphous Cu-Zr alloys prepared by roller-quenching and melt spinning 1-26419
- Calvalyier, Y. see Garoché, P. 1-30620
- Calve, J. see Le Calve, J.
- Calve, N. Le see Le Calve, N.
- Calvert, J.B. see Tuttle, E.R. 1-40628
- Calvert, J.M. see Derry, D.J. 1-38584
- Calvert, J.M. see Taylor, M.R. 1-35432
- Calvert, L.D. X-ray powder diffraction 1-29952
- Calvert, L.D., Sirriani, A.F. A technique for controlling preferred orientation in powder diffraction samples 1-5449
- Calvert, R.L., Ritchie, G.L.D. Molecular quadrupole moment of naphthalene 1-46165
- Calvert, W. see Benson, R.F. 1-36112
- Calvetti, M., Citolini, S., Cochet, C., Engster, C., Hallgren, B., Hoffman, H., Karimaki, V., Van Koningsveld, L., Laugier, J.P., Lovsted, B., Maurin, G., Norton, A., Petit, P., Piano Mortari, G., Placci, A., Quere, P., Rijsenbeek, M., Rubbia, C., Sadoulet, B., Scott, W., Sumorok, K., Tao, C., Verweij, H. Electronics and results for the central detector 1-14778
- Calvetti, M. see Barranco Luque, M. 1-14745
- Calvin, M. see Ford, W.E. 1-14908
- Calvin Giddings, J. see Myers, M.N. 1-28635
- Calvo, F.M. Duque see Duque Calvo, F.M.
- Calvo, M.L., Duran, A. Scattering of electromagnetic waves by inhomogeneous fixed obstacles with zero conductivity 1-1462
- Calvo, M.L., Juncos del Egidio, P. Diffraction of electromagnetic waves by a volume hologram as a sinusoidal grating 1-1525
- Calvo, M.L., Juncos del Egidio, P. Eikonal approximation for electromagnetic wave scattering by a cladded optical fiber 1-19463
- Calvo, M.L. see Alvarez-Estrada, R.F. 1-15278
- Calvo, R. see Isaacson, R.A. 1-14160
- Calvo, R. see Murgich, J. 1-10764
- Calvo, R. see Oseroff, S.B. 1-3252, 1-34930
- Calvy, M. see Barkats, G. 1-39786
- Calzado, A. see Gonzalez, L. 1-18349
- Calzavara, M., Costa, B., Morra, P., Sordo, B. Mode conversion properties of different splicing techniques [for optical fibres] 1-11157
- Camac, M. see Bien, F. 1-40840
- Camac, M. see Snell, A.H. 1-22987
- Camanzi, A. see Breschi, R. 1-16746
- Camanzi, A. see Romeo, N. 1-35180
- Camassel, J., Merle, P., Bayo, L., Mathieu, H. Deformation potentials of the fundamental exciton spectrum of InP 1-8093
- Camassel, J. see Mathieu, H. 1-25643, 1-26268, 1-47485
- Cambi, A., Mosconi, B., Ricci, P. Two-body effects in deuteron photoabsorption sum rules 1-45493
- Cambiaggio, M.C. see Bozzolo, G. 1-50496
- Cambini, M., Schurenkamper, A. Interaction of sacrificial layer material with UO_2 and fission products 1-5888
- Cambini, M. see Bauch, R. 1-8470
- Cambron, C., Jeandel, D., Mathieu, J. Spectral modelling of homogeneous non-isotropic turbulence 1-51742
- Cambron, C. see Vignon, J.-M. 1-11373
- Cambron, G. see Attal, J. 1-41932
- Cambou, F., Dokoukine, V.S., Lavergnat, J., Pellet, R., Reme, H., Saint-Marc, A., Sagdeev, R.Z., Zhulin, I.A. General description of the Araks experiments 1-44403
- Cambrey, R.S., Fisher, E.M.R., Playford, K., Eakins, J.D., Pearson, D.H. Radioactive fallout in air and rain: results to end of 1979 1-13205
- Cambrey, R.S. see Pattenden, N.J. 1-48934
- Camel, D., Simon, J.P., Eustathopoulos, N. Equilibrium shapes of FCC metallic crystals in liquid alloys 1-16155
- Cameron, A. see Kaneta, M. 1-43542
- Cameron, A.G.W. see Consolmagno, G.J. 1-22746
- Cameron, A.G.W. see Cowan, J.J. 1-49694
- Cameron, C.P. see Bleck, M.E. 1-18751
- Cameron, D.G., Casal, H.L., Mantsch, H.H. The application of Fourier transform infrared transmission spectroscopy to the study of model and natural membranes 1-13362
- Cameron, D.G., Charette, G.M. Automation of Fourier transform infrared studies of temperature-induced phenomena 1-50241
- Cameron, D.G., Escobar, D., Goplen, T.G., Nadeau, A., Young, R.P., Jones, R.N. A reflection spectrophotometer for the measurement of the optical constants of liquids in the infrared 1-14184
- Cameron, D.G. see Goplen, T.G. 1-14185, 1-16555
- Cameron, J., Mascarenhas, S. A cylindrical electrode ionization chamber 1-6081
- Cameron, J.M. see Besset, D. 1-10375
- Cameron, J.M. see Rogers, J.G. 1-23660
- Cameron, T.S., Chan, C., Chute, W.J. Structure of potassium phosphoramidate 1-20133
- Cameron, W., Franck, B., Gopal, G.P., Kaimus, G.E., Bacon, T.C., Butterworth, I., Stern, R.A. New high statistics data on $K^+p \rightarrow 2$ -body final states over the C.M. Energy Range 1720 to 1796 MeV 1-36880
- Cameron, W. see Barloutaud, R. 1-36885
- Cametti, C. see Ballarín, C. 1-31082
- Camille, R.J., Jr. see Hwang, K.F. 1-45755
- Camilleri, L. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Camillon, R. see Giardini-Guidoni, A. 1-41494
- Caminati, W., Bohn, R.K., True, N.S. Methyl barrier to internal rotation and quadrupole coupling constants in S-methylchloroethioformate 1-51187
- Caminati, W. see Fantoni, A.C. 1-51190
- Camley, R.E., Grimsditch, M. Brillouin scattering from magnons in ferromagnetic thin films of polycrystalline iron 1-26225
- Camley, R.E., Rahman, T.S., Mills, D.L. Theory of light scattering by the spin-wave excitations of thin ferromagnetic films 1-43136
- Cammena, H.K. Evaporation mechanisms of liquids 1-38525
- Camp, A.L. see Bleck, M.E. 1-18751
- Camp, E. Van see Van Camp, E.
- Camp, P.E. Van see Van Camp, P.E.
- Camp, P.E. Van see Van Camp, P.E.
- Camp, U. de see de Camp, U.
- Camp, W.J. see Ferrer, M. 1-52792
- Camp-Schmidt, E. de see de Camp-Schmidt, E.
- Campa, J.I. Gonzalez de la see Gonzalez de la Campa, J.I.
- Campagna, F. see Bruck, E.H. 1-272
- Campagna, M., Gudat, W., Eberhard, W., Rosei, R., Weaver, G.H., Kalds, E., Hulliger, F. 4f-levels in Ce pnictides and Ce chalcogenides by resonant photoemission with synchrotron radiation 1-48232
- Campagna, M. see Bechthold, P.S. 1-7329, 1-50231, 1-50232
- Campagna, M. see Fuggle, J.C. 1-16661
- Campagna, M. see Gudat, W. 1-12632
- Campagna, M. see Kisker, E. 1-31314
- Campagna, M. see Lasser, R. 1-48231
- Campagna, M. see Platzman, P.M. 1-18954
- Campagna, M. see Wertheim, G.K. 1-34666

- Campagnoli, G., Tosatti, E. AsF₅-intercalated graphite: self-consistent band structure, optical properties and structural energy 1-47463
- Campana, J.E. see Colton, R.J. 1-36768
- Campani, E., De Salvo, R., Gorini, G. Measurement of the 6P_{1/2} lifetime of cesium by means of time-resolved spectroscopy technique 1-24072
- Campaniello, A., Luzzi, G., Meuti, M. Carbon redistribution induced by ion bombardment in niobium 1-25332
- Campanini, R. see Hanna, D. 1-41015
- Campanini, R. see Irion, J. 1-50475
- Campari, G. see Chiodelli, G. 1-28016
- Campbell, A.B. see Tewari, P.H. 1-28682
- Campbell, A.B., III see Sartwell, B.D. 1-48775
- Campbell, A.M. see Evetts, J.E. 1-47774
- Campbell, A.M. see Pang, C.Y. 1-47800
- Campbell, B. see Pritchett, C. 1-22876
- Campbell, B.A. see Afek, Y. 1-18469
- Campbell, B.E. see Mallozzi, P.J. 1-45892
- Campbell, C.T., Ertl, G., Kuipers, H., Segner, J. A molecular beam study of the catalytic oxidation of CO on a Pt(111) surface 1-35569
- Campbell, C.T. see Frenkel, F. 1-33497
- Campbell, C.T. see Rogers, J.W., Jr. 1-3577
- Campbell, C.T. see White, J.M. 1-5052
- Campbell, C.W. see Owen, R.B. 1-24902
- Campbell, D.B. see Ostro, S.J. 1-22710
- Campbell, D.B. see Pettengill, G.H. 1-13716
- Campbell, D.J., Krug, P.A., Falconer, I.S., Robinson, L.C., Tait, G.D. Rapid scan phase modulator for interferometric applications 1-40839
- Campbell, D.K. Tunneling decay of unstable particles in a quantum field theoretic model 1-36785
- Campbell, D.R. see Gupta, D. 1-20473
- Campbell, D.S. see Leary, H.J., Jr. 1-8638
- Campbell, E.J., Buxton, L.W., Balle, T.J., Flygare, W.H. The theory of pulsed Fourier transform microwave spectroscopy carried out in a Fabry-Perot cavity: static gas 1-45027
- Campbell, E.J., Buxton, L.W., Balle, T.J., Keenan, M.R., Flygare, W.H. The gas dynamics of a pulsed supersonic nozzle molecular source as observed with a Fabry-Perot cavity microwave spectrometer 1-45940
- Campbell, E.J. see Buxton, L.W. 1-33478
- Campbell, E.J. see Keenan, M.R. 1-10755
- Campbell, E.M., Hicks, H.G., Mead, W.C., Coleman, L.M., Hatcher, C.W., Dellis, J.H., Boyle, M.J., Larsen, J.T., Lane, S.M. Use of a radioactive tracer to determine the fraction of fusion target debris collected 1-41228
- Campbell, E.M., Lane, S.M., Pan, Y.L., Larsen, J.T., Wahl, R.J., Price, R.H. Determination of fuel density-radius product of inertial confinement fusion targets by neutron activation 1-41227
- Campbell, E.M. see Estabrook, K. 1-51926
- Campbell, E.M. see Lane, S.M. 1-14692
- Campbell, E.S., Mezei, M. A cooperative calculation and analysis of electric fields, induced dipole vectors and lattice energies for rotationally ordered ices IX, II and disordered Ih 1-25193
- Campbell, F.M., Browning, R., Latimer, C.J. Charge transfer between H₂⁺ and Ar: the effect of molecular vibration studied using photoelectron-photoion coincidence spectroscopy 1-10781
- Campbell, F.W. see Legge, G.E. 1-39932
- Campbell, G.A., Chan, V., Lewins, J.D. An exact special case solution of the neutron stochastic equations at low power 1-50704
- Campbell, G.L. see Guruswamy, V. 1-32034
- Campbell, G.S., McArthur, A.J., Monteith, J.L. Windspeed dependence of heat and mass transfer through coats and clothing 1-8821
- Campbell, I.A. see Hamzic, A. 1-30940
- Campbell, J.A., Loring, D.H. Baseline levels of heavy metals in the waters and sediments of Baffin Bay 1-35999
- Campbell, J.A. see Kennedy, R.J. 1-12531
- Campbell, J.C., Dentai, A.G., Burrus, C.A., Jr., Ferguson, J.F. InP/InGaAs heterojunction phototransistors 1-45015
- Campbell, J.F. see Furukawa, K. 1-32390
- Campbell, J.H. see Gregg, D.W. 1-8687
- Campbell, J.J. see Pawel, R.E. 1-16970, 1-21631
- Campbell, J.L., Faij, S., Gibson, R.S., Russell, S.B. Proton backscatter as a means of mass measurement in PIXE analysis of hair 1-27931
- Campbell, J.L. see Schulte, C.W. 1-6078, 1-8156
- Campbell, J.R., Clark, R.J.H. Resonance Raman, infrared and electronic spectral studies of the μ -oxo-decahalogenodimetallate species [Re₂OCl₁₀]⁴⁻, [Re₂OCl₉]³⁻, [Os₂OCl₁₀]⁴⁻, [Re₂OCl₁₀]⁴⁻, [W₂OCl₁₀]⁴⁻ and [W₂OBr₁₀]⁴⁻ 1-19100
- Campbell, J.W.E. Improved calculation procedures for heat transfer and associated pressure drop analysis 1-28569
- Campbell, K. see Li, J.K.-J. 1-49031
- Campbell, L.C. Nozzle clogging and its effect on the current zero region [circuit breakers] 1-15689
- Campbell, L.M. see Tobin, P.J. 1-21357
- Campbell, M. see Lee, T.C. 1-15130
- Campbell, M. see Liepins, R. 1-5997
- Campbell, M.F. see Thronson, H.A., Jr. 1-9598
- Campbell, P., Al-Murshid, S.A. The effect of the magnetization distribution within anisotropic alnico magnets upon field calculation 1-12341
- Campbell, P.M., Reed, R.W. Doppler-shifted acoustic cyclotron resonances in beryllium 1-25615
- Campbell, P.S. see Chandrasekaran, S.K. 1-32083
- Campbell, R.A. see Broussard, P.H. 1-36724
- Campbell, R.B., Kashuba, R.J., Kammash, T. Neoclassical transport in a fast-wave-heated bumpy torus 1-41236
- Campbell, R.B., Rohatgi, A. Investigation of contact metallization systems for solar cells 1-32020
- Campbell, R.B. see Rohatgi, A. 1-13130
- Campbell, R.L. see Dietz, R.E. 1-3033
- Campbell, S.A. see Dye, D.H. 1-42676
- Campbell, S.J. see Clark, P.E. 1-31075
- Campbell, S.J. see Wantanara, G.H.J. 1-12260
- Campbell, S.J. see Wiltshire, M.C.K. 1-7820
- Campbell, W. see Baker, D.J., Jr. 1-13562
- Campbell, W.B., Joseph, D.W., Morgan, T.A. Unique specification of Yang-Mills solutions 1-12426
- Campbell, W.H. Secular, annual, and semiannual changes in the baseline level of the Earth's magnetic field at North American locations 1-27064
- Campbell, W.H. Annual and semiannual variations of the lunar semi-diurnal geomagnetic field components at North American locations 1-53979
- Campeanu, R.I. On the theoretical and experimental cross sections for low-energy positron-rare-gas scattering 1-46116
- Campeanu, R.I. see Humberston, J.W. 1-24264
- Campen, D.H. van see van Campen, D.H.
- Campet, G., Verniolle, J., Doumerc, J.-P., Claverie, J. Photoelectronic processes in transition-element doped n-type TiO₂ electrodes 1-3015
- Campet, G. see Goodenough, J.B. 1-39809
- Campi, P. see Bollini, D. 1-6077
- Campi, X., Epherre, M. Calculation of binding energies and isotope shifts in a long series of rubidium isotopes 1-23558
- Campillo, A.J., Lin, H.-B., Dodge, C.J., Davis, C.C. Stark-effect-modulated phase-fluctuation optical heterodyne interferometer for trace-gas analysis 1-8636
- Campisano, S.G., Foti, G., Baeri, P., Grimaldi, M.G., Rimini, E. Solute trapping by moving interface in ion-implanted silicon 1-30470
- Campisano, S.U., Grimaldi, M.G. Laser annealing of Yb-implanted Si 1-25308
- Campisano, S.U. see Baeri, P. 1-38536
- Campisano, S.U. see Picraux, S.T. 1-2533
- Campisi, G.J. see Bevo, A.J. 1-16202
- Campo, E., Ronchiato, G. Mechanical characterization of sintered Si₃N₄ 1-16741
- Camporese, D.S., Lester, T.P., Pulfrey, D.L. A fine line silicon shadow mask for inversion layer solar cells 1-48839
- Campos, D. A non-linear system of equations to determine the scattering amplitude from the differential cross section 1-19159
- Campos, J. see Fonseca, V. 1-6207
- Campos, J. see Thomas, P. 1-10695
- Campos, M., Mergulhao, S. One-carrier thermally stimulated currents and space-charge-limited currents in naphthalene crystals: Doped and irradiated samples 1-7633
- Campos, R.De.A., Ferreira, P.L. Lagrangian solutions to the three-body problem with forces r^{-p} (p integer) 1-9351
- Campos Venuti, G., Pocchiari, F., Rogani, A., Tabet, E., Vecchia, P. Environmental problems of power generation 1-53708
- Campuzano, J.C., Dus, R., Greenler, R.G. The sticking probability, dipole moment, and absolute coverage of CO on Ni(111) 1-38656
- Campuzano, J.C., King, D.A., Somerton, C., Inglesfield, J.E. Coupling of surface electronic states through the W(001) phase transition 1-16335
- Camu-Peyret, C., Claud, J.-M., Papineau, N. The ν_2 band of the isotopic species H₂¹⁸O and H₂¹⁶O 1-24129
- Camuffo, D. Fog and related diffusion potential at Venice: two case studies 1-9202
- Camuffo, D., Cavaleri, L. Oscillations in pollutant concentration occurring in cold offshore flow over Venice 1-39852
- Camwell, P.L., Dixon, J.M., Dupree, R. The magnetic susceptibility of single crystals of Zn:Cr 1-47871
- Camy-Peyret, C. see Claud, J.-M. 1-33422, 1-37204
- Canada, R.G. see Childs, R.L. 1-10487
- Canada, T.R. see Marshall, R.S. 1-14599
- Canadas, G. see Coxon, P. 1-40890
- Canagaratna, S.G. see Gnanaraj Canagaratna, S.
- Canal, R., Isern, J., Labay, J. The collapse of carbon-oxygen white dwarfs 1-22803
- Canal, R., Isern, J., Labay, J. Neutron star formation by collapse of white dwarfs 1-49705
- Canales, L. see Brune, J.N. 1-32525
- Canavan, J. Photovoltaics: the drive to reduce costs 1-21876
- Canavero, F. see Perona, G.E. 1-6728
- Cancellieri, G., Fantini, P., Mezzetti, M. Effects of a central dip on the time dispersion characteristics of graded-index optical fibres 1-6676
- Candau, S., Ferre, A., Peters, A., Waton, G., Pie-ranski, P. Acoustical streaming in a film of nematic liquid crystal 1-2567
- Candau, S. see Waton, G. 1-24610
- Candea, R. Magnetic susceptibility in tetrahedral semiconductors 1-16424
- Candel, S.M. Propagation of sound and ultrasound in non-homogeneous media 1-37660
- Candel, S.M. see Hassab, J.C. 1-24549
- Candelpergher, B., Nosmas, J.-C. Asymptotic solutions of the stationary Schrödinger equation associated to a central potential 1-32861
- Candia, F. De see De Candia, F.
- Candiotti, M., Rocci, G., Ferro, A., Ricci Bitti, R. On the effect of grain size precipitated Al₂O₃ particles and lamination thickness on anomalous excess losses in non-oriented silicon iron sheets 1-16461
- Candy, J.V., Rozsa, R.B. Safeguards design for a plutonium concentrator—an applied estimation approach 1-18846
- Cane, B.J. Creep cavitation and rupture in 2 1/4Cr1Mo steel under uniaxial and multiaxial stresses 1-35342
- Cane, B.J., Williams, K.R. Creep damage accumulation and life assessment of a 1/2Cr1/2Mo1/4V steel 1-39397
- Cane, M.A. On the dynamics of equatorial currents, with application to the Indian Ocean 1-21710
- Canelli, E. see Stein, V.B. 1-31923
- Caner, M. Area analysis of underdetermined neutron resonance data 1-14519
- Caner, M., Bartal, Y., Yiftah, S. Curium-246 neutron data evaluation 1-14528
- Caneschi, L. Higher order corrections and the scale parameter in QCD 1-28281
- Canet, R. see Carmona, F. 1-12084
- Canevari, V. see Romeo, N. 1-13132, 1-35180
- Canevet, G., Germain, R., Scharf, B. Sound localisation in the presence of a masking sound 1-4289
- Canfield, D.C. see Furtak, T.E. 1-43757
- Canfield, R.C., Puetter, R.C. Theoretical quasar emission line ratios. I. Transfer and escape of radiation 1-54652
- Canfield, R.C., Puetter, R.C. Theoretical quasar emission line ratios. II. Hydrogen Ly α , Balmer, and Paschen lines, and the Balmer continuum 1-54653
- Canfield, R.C., Ricchiazzi, P.J. A probabilistic approach to radiative energy loss calculations for optically thick atmospheres: hydrogen lines and continua 1-9446
- Canfield, R.C., Van Hoosier, M.E. Observed Ly α profiles for two solar flares: 14:12 UT 15 June, 1973 and 23:16 UT 21 January, 1974 1-4855
- Canham, L., Davies, G., Lightowers, E.C. The 1.045 eV vibronic band in silicon doped with lithium 1-3458
- Canizares, C.R. see Kriss, G.A. 1-44623
- Canizares, C.R. see Remillard, R.A. 1-9479
- Canizares, C.R. see Schattenburg, M.L. 1-40547
- Cann, M.W.P. see Roney, P.L. 1-52420
- Cann, R.G., Cople, A.C. Gated time-domain analysis 1-24630
- Cann, R.G., Lyon, R.H. Diagnosis of mechanism noise 1-15347
- Cann, R.G. see Davis, D. 1-15328
- Cann, R.M., Godwin, C.I. Geology and age of the Kemess porphyry copper-molybdenum deposit, north-central British Columbia 1-32437
- Cannata, F. see Bergia, S. 1-18057
- Cannata, F. see Bruno, M. 1-711, 1-23666, 1-28491
- Cannata, R., Mazzone, G. X-ray measurement of charge-density anisotropy in Fe₇₀Ni₃₀ and Fe₇₀Cr₃₀ alloys 1-42338
- Cannella, G., Pedicelli, L. Ultrasonic macrography 1-26703
- Cannella, V. see Tsu, R. 1-53006
- Cannelli, G., Cantelli, R. Acoustic emission during the precipitation of β -phase hydride from solid solution in vanadium 1-3748
- Cannelli, G.B. see Borroso, P. 1-24619
- Cannet, G. see Blinowska, A. 1-53769
- Cannington, P.H. Improvements to a commercial UV photoelectron spectrometer 1-18332
- Cannistraro, S., Martino, G., Sportelli, L. Effects of pulsed electric fields on rat liver homogenate paramagnetic species 1-32182
- Cannon, B.D., Crim, F.F. Direct observation of unimolecular reaction in state selected tetramethyldioxetane 1-8559

- Cannon, J.R., DiBenedetto, E. On the existence of weak-solutions to an n-dimensional Stefan problem with nonlinear boundary conditions 1-33872
- Cannon, J.R., DuChateau, P. An inverse problem for an unknown source in a heat equation 1-19542
- Cannon, J.W., Clemo, T.M. Measurement of stochastic flow-induced power fluctuations at LOFT 1-50869
- Cannon, M.W. *see* Ginsburg, A.P. 1-4283
- Cannon, M.W., Jr. Suprathreshold transfer characteristics of the human visual system 1-8848
- Cannon, P. *see* Hornstra, F. 1-53606
- Cannon, R.D. *see* Clowes, R.G. 1-9714
- Cannon, S.M. *see* Soltzberg, L.J. 1-47223
- Cannon, T. *see* Wensch, I.O. 1-23828
- Cannon, T.W. A color camera for in situ photography of cloud particles 1-44329
- Cannon, T.W., Grotewold, W.W. Improved drop generators for calibration of drop spectrometers and use in laboratory cloud physics experiments 1-44330
- Cano, F.H., Foces-Foces, C., Garcia-Blanco, S. Deformations around a bond 1-24281
- Cano, G.L. Phenomenological investigation of fast reactor fuels response under LOF and prompt-burst heating conditions 1-50823
- Cano, R. *see* Cavallo, A. 1-38055
- Cansoy, C. Inference of the empirical variable-moment-of-inertia model from the rotating-liquid-drop model of the nucleus 1-10337
- Cant, R.J. Instantons in the 1/N expansion—inverse scattering approach in one dimension 1-5492
- Cant, R.J., Davis, A.C. CP^{N-1} models beyond the leading order 1-10089
- Cantella, M. *see* Taylor, R. 1-5386
- Cantelli, R. *see* Cannelli, G. 1-3748
- Canteloup, J., Bunsell, A. Ultrasonic visualisation of material defects 1-21681
- Canter, K.F. *see* Jona, F. 1-42269
- Cantera, R. *see* Harris, W.E. 1-9585
- Canthers, G.W. Crystal field effects on the vibronic properties of the Jahn-Teller unstable S_1 state of zinc porphyrin 1-38753
- Canthers, G.W., Kooter, J.A. Kinetic and radiative properties of the lowest triplet state of palladiumporphyrin 1-39141
- Canthers, G.W. *see* Kooter, J.A. 1-10779
- Cantieni, G.T., Schilling, R. Quantum corrections for narrow domain walls 1-3212
- Cantillo, A.Y. *see* Segar, D.A. 1-21800
- Cantley, D.A. *see* Krogness, J.C. 1-5918
- Canto, J., Elliott, K.H., Meaburn, J., Theokas, A.C. On the derivation of electron density and temperature from [S II] and [O II] line intensity ratios 1-27594
- Canto, J., Rodriguez, L.F. A stellar-wind focusing mechanism as an explanation for Herbig-Haro objects 1-9607
- Canto, L.F. *see* Hussein, M.S. 1-45490
- Cantoni, A. *see* Zitter, R.N. 1-38040
- Cantoni, V. Comments on 'Do metric standards contract?' 1-18002
- Cantor, B. *see* Charter, S.J.B. 1-12732
- Cantor, B. *see* Cheese, R. 1-3844
- Cantor, B. *see* Kadir, W.M.S.B. 1-12798
- Cantor, B. *see* Kijek, J. 1-42580
- Cantore, A. *see* Evangelista, C. 1-45354
- Cantrell, C.D., Freund, S.M., Lyman, J.L. Laser-induced chemical reactions and isotope separation 1-13029
- Cantrell, C.D., Letokhov, V.S., Makarov, A.A. Coherent excitation of multilevel systems by laser light 1-51248
- Cantrell, C.D., Rebenstrost, F., Louisell, W.H. Coherent generation of sidebands by multilevel systems as the result of propagation 1-51427
- Cantrell, C.D. *see* Louisell, W.H. 1-10970
- Cantrell, E.H. *see* Sherwood, A.R. 1-34112
- Cantrell, J.H., Jr., Heyman, J.S., Breazeale, M.A., Torbett, M.A., Yost, W.T. Broadband electrostatic acoustic transducer for liquids 1-37753
- Cantrell, J.H., Jr., Winfree, W.P. Verification of elastic-wave static displacement in solids 1-33843
- Cantrijn, F. *see* Sarlet, W. 1-32879
- Cantu, A.M., Mazzoni, M., Pettini, M., Tozzi, G.P. Photoionization spectrum of the 3^p ground state of neutral carbon 1-51175
- Cantwell, B.J. Transition in the axisymmetric jet 1-51744
- Canut, B. *see* Durupt, P. 1-31393
- Canuto, V., Hsieh, S.-H., Owen, J.R. Possible determination of q_0 using lunar occultations and laser ranging observations 1-49863
- Canuto, V.M., Owen, J.R., Narlikar, J.V. The diffuse gamma-ray background in the Hoyle-Narlikar cosmology 1-32775
- Canzek, L. Third order aberrations of classical mirror lenses with spherical surfaces 1-1503
- Canzek, L., Havlicek, F.I. A lens with spherical surfaces having ideal image formation within the Seidel range 1-6631
- Canzler, T. *see* Bartel, W. 1-18500
- Canzler, T. *see* O'Neill, L.H., Jr. 1-50443
- Cao, J., Chen, J., Duan, W., Fang, K., Yan, D., Yang, S., Zhu, Y. Preliminary discharge-cleaning and arcing studies in Mini-Torus 1-29923
- Cao, Y., Yakushi, K., Kuroda, H. Temperature dependence of the reflectance spectrum of tetra-thiafulvalenium iodide (TTF)_{0.71} single crystal 1-3411
- Cao, Y., Yakushi, K., Kuroda, H. Temperature dependence of the near-infrared and visible reflectance spectrum of TTF-TCNQ 1-3415
- Cao Chang-gi, Qin Dan-hua, Yu Yun-qiang. The neutral current in $SU(2)_L \times SU(2)_R \times U(1)_{L+R}$ model 1-28252
- Cao Chang-Qi *see* Kuang Yu-Ping 1-45158
- Cao Cheng-lin *see* Yang Lan-tian 1-40574
- Cao Guan-Yu *see* Wei Qing-Yun 1-49199
- Cao Hongxing, Chen Guofan. Fuzzy partition of weather processes 1-2732
- Cao Ke-ding, Li Guo-dong, Pang Yu-zhang. Cryostat in temperature range 6-300K for ferromagnetic resonance experiment at X-band 1-5327
- Cao Shenglin, Xiao Xinghua, Liu Yongzhen, Cheng Fuzhen, Yang Liantian. The Hubble diagram of QSOs by statistical method 1-32770
- Cao Xiao-wen, Li Yu-Zhi, Xia Jian-sheng, Zhang Yu-heng. An empirical correlation between superconducting transition temperatures T_c and the Hall coefficients in amorphous superconductors 1-3083
- Cao Xiaowen, Tsao Hsiao-Wen, Li Yuzhi, Xia Jiansheng, Zhang Yuheng. An empirical correlation between superconducting transition temperature T_c and the Hall coefficient in amorphous superconductors 1-3088
- Cap, A. *see* Koutsy, J. 1-3758
- Capacio, G., Ward, I.M., Wilding, M.A. Morphology of isotropic and oriented linear polyethylene. Study by small-angle X-ray scattering, Raman spectroscopy and nitric acid etching 1-42327
- Capaccioli, M. *see* Oke, J.B. 1-54608
- Capannini, E., Spalla, P. Accurate determination of transmitted polarization of VHF SIRIO emission 1-22569
- Capart, J.J. *see* Stoewer, H. 1-32593
- Capasso, F., Logan, R.A., Hutchinson, A., Manchon, D.D. InGaAsP/InGaAs heterojunction p-n-i detectors with low dark current and small capacitance for 1.3-1.6 μ m fibre optic systems 1-18294
- Capasso, F., Panish, M.B., Sumski, S. The liquid-phase epitaxial growth of low net donor concentration (5×10^{17} – $5 \times 10^{19}/\text{cm}^3$) GaSb for detector applications in the 1.3-1.6 μ m region 1-48279
- Capasso, V., Fortunato, D. Stability results for semilinear evolution equations and their application to some reaction-diffusion problems 1-49954
- Capdequi-Peyranere, M., Renard, F.M., Talon, M. Leptonic and hadronic corrections to mass and propagator of W and Z bosons 1-14319
- Capdevila, E. *see* Alberto, J.A. 1-22175
- Capel, J.N., Woodcock, L.V. Soft-sphere model for the crystal-liquid interface: a molecular dynamics calculation of the surface stress 1-2598
- Capelhart, T.W. *see* Gay, J.G. 1-47726
- Capel, V. Role of magnetization in the electron quasiparticle energy in the s-d model of ferro-magnetic semiconductors 1-42942
- Capel, V. Low-temperature scattering on charged impurities in semiconductors making no problems in principle? 1-52558
- Capel, V. *see* Silinsh, E.A. 1-30134
- Capel, V. *see* Szocs, V. 1-43137
- Capel, A.C. *see* Shah, R.R. 1-50896, 1-50919
- Capel, H.W. *see* Den Ouden, L.W.J. 1-52257
- Capel, R. *see* Bacher, P. 1-45705
- Capelato, H.V., Gerbal, D., Mathez, G., Mazure, A., Salvador-Sole, E., Sol, H. On the luminosity-segregation in rich clusters of galaxies. Application to coma 1-22902
- Capelli, M. *see* Barber, D.P. 1-28309
- Capella, A., Sukhatme, U., Tram Thanh Van, J. Soft multihadron production from partonic structure and fragmentation functions 1-5599
- Capella, I. *see* Coulet, A.I. 1-11707
- Capella, I. *see* Billia, B. 1-11705
- Capella, I. *see* Caranoni, C. 1-34294
- Capelletti, R. *see* Bertoldi, P.G. 1-2498
- Capelletti, R. *see* Locatelli, M. 1-2715
- Capellmann, H. Ferromagnetic 3d-metals: on the definition of 'local bands' 1-25863
- Capelo, A., Cominciali, V., Minelli, R., Poggesi, C., Reggiani, C., Ricciardi, L. Study and parameters identification of a rheological model for excised quiescent cardiac muscle 1-53808
- Capes, C.E. *see* Fouda, A.E. 1-13184
- Capik, R.J. *see* Tien, P.C. 1-11083
- Capiluppi, P. *see* Barloutaud, R. 1-36885
- Capitaine, N. Nutation in space and diurnal nutation in the case of an elastic Earth 1-44084
- Capitani, G.P., De Sanctis, E., Di Giacomo, P., Gualardo, C., Gentile, S., Lucherini, V., Polli, E., Reolon, A.R., Scrimaglio, R. A pair spectrometer for the Leale monochromatic photon beam of Frascati Laboratories 1-23936
- Capitani, G.P. *see* Barreau, P. 1-28471
- Capitani, G.P. *see* Bernheim, M. 1-45495
- Capitani, G.P. *see* Jans, E. 1-28470
- Capitelli, M., Dilonardo, M., Gorse, C. Self-consistent electron energy distribution functions in non equilibrium oxygen: effects on the dissociation rate 1-2261
- Capitelli, M., Gorse, C., Billing, G.D. V-V pumping up in non-equilibrium nitrogen: effects on the dissociation rate 1-26719
- Capitelli, M., Molinari, E. Kinetics of dissociation processes in plasmas in the low and intermediate pressure range 1-34041
- Capitelli, M. *see* Cacciatore, M. 1-46138
- Capizzi, M. *see* Modesti, S. 1-47696
- Capizzi, M. *see* Thomas, G.A. 1-48127
- Caplan, H.S. *see* Sealock, R.M. 1-50591
- Capon, G. *see* Bacci, C. 1-575
- Capone, A. *see* Diddens, A.N. 1-14747, 1-23998
- Capone, A. *see* Jonker, M. 1-14432, 1-45258
- Capone, B. *see* Taylor, R. 1-53874
- Capone, P., Cosa, M., Nicoli, M. Statistic measurement of noise from road traffic in Pescara carried out during 24 hours 1-41913
- Caponi, M., Zales *see* Zales Caponi, M.
- Caporaletti, O., Graham, G.M. High field magnetic properties of Fe-Pt Invar alloys 1-34909
- Caporali, A. A reformulation of the post-Newtonian approximation to general relativity. I. The metric and the local equations of motion 1-50004
- Caporali, A. A reformulation of the post-Newtonian approximation to general relativity. II. Post-Newtonian equation of motion for extended bodies 1-50005
- Caporali, A. Motion of extended bodies in the PPN approximation of fully conservative theories of gravity 1-50006
- Caporali, M. *see* Tomassetti, G. 1-22394
- Caporaso, G.J., Barletta, W.A., Neil, V.K. Transverse resistive wall instability of a relativistic electron beam 1-51017
- Caporciacco, G. *see* Di Caporciacco, G.
- Capozzi, V. Direct and indirect excitonic emission in GaSe 1-48161
- Capp, M.P. *see* Fabrikant, J.I. 1-43987
- Capp, M.P. *see* Frost, M.M. 1-43972
- Capp, P.D., James, J.M., Kingsbury, A., Smith, D.L.G. Sacrificial material/uranium dioxide interactions experimental studies at AEE Winfrith 1-5886
- CapPELLANI, F. *see* Giocannelli, S. 1-14885
- Capelletti, R. *see* Locatelli, M. 1-20335, 1-20487
- Capello, C.D., Tavad, C. Momentum densities and differential cross sections of ejection in Compton electron scattering 1-37330
- Capper, D.M., Kimber, D.P. An ambiguity in one-loop quantum gravity 1-18131
- Capps, R.W. *see* Telesco, C.M. 1-54371
- Capps, W., Schaeffer, H.A., Cronin, D.J. The effect of striae on the strength of glass 1-25444
- Caprace, G. *see* Delwiche, J. 1-29039
- Caprasso, H. *see* Burnel, A. 1-40664
- Capri, A.Z., Ferrari, R. Evasion of Coleman's Theorem and Goldstone bosons in two dimensions 1-23408
- Capri, A.Z., Kobes, R.L. Further problems in spin-3/2 field theories 1-10080
- Capri, L., Sararu, A., Sararu, M., Verzegnassi, C. High-energy behaviour of proton-proton scattering 1-10257
- Caprino, G., Halpin, J.C., Nicolais, L. Fracture toughness of graphite/epoxy laminates 1-8407
- Capriotti, E., Foltz, C., Byard, P. The dynamics of the broad-line-emitting regions of active galactic nuclei and quasars. I. Broad-line profiles 1-44625
- Capsoni, C. *see* Attisani, A. 1-22377
- Capua, M.S. *see* Di Capua, M.S.
- Capus, J.M. *see* Hajmiric, K. 1-3940
- Caputo, B. *see* Leonard, D.A. 1-22542
- Caputo, M., Console, R. Statistical distribution of stress drops and faults of seismic regions 1-4459
- Capuzzi, F. *see* Boffi, S. 1-28366
- Car, R., Meuli, R.A., Buttet, J. Pseudopotential spin-density functional calculation of the ground state properties of Na_2 and Na_2^+ 1-24062
- Cara Romeo, G. *see* Basile, M. 1-5658, 1-5662, 1-28351, 1-45349, 1-51066
- Carabatos, C. *see* Fontana, M.D. 1-42503
- Caramana, E.J., Perkins, F.W. The role of impurities in producing thermal instability in ohmically heated plasmas 1-46875
- Caramana, E.J., Perkins, F.W. Effects of impurity radiation on reversed-field pinch evolution 1-46913
- Caramico D'Auria, A., De Cesare, L., Esposito, U., Esposito, F. Bogoliubov approximation as a second-order approximation in the spectral-density method. II 1-18583
- Caranoni, C., Capella, L., Haser, R., Pepe, G. Structure of lithium metalgallium oxide octahydrate $\text{LiGaO}_4 \cdot 8\text{H}_2\text{O}$ 1-34294
- Carapezza, M., Nuccio, P.M., Valenza, M. Geochemical precursors of earthquakes 1-32385
- Carassa, F. *see* Attisani, A. 1-22377

- Caravelli, J.F. see Rothenberg, L.N. 1-44022
- Caravero, P. see Kanbach, G. 1-13792
- Caraveo, P.A., Bennett, K., Bignami, G.F., Hermesen, W., Kanbach, G., Lebrun, F., Masnou, J.L., Mayer-Hasselwander, H.A., Paul, J.A., Sacco, B., Scarsi, L., Strong, A.W., Swanenburg, B.N., Wills, R.D. COS-B observation of high-energy gamma-ray emission from the Orion cloud complex 1-22865
- Caraveo, P.A. see Bignami, G.F. 1-36429, 1-49854
- Carbajo, J.J., Shah, N.H. Effect of ECCS steam condensation on reflooding rates 1-50818
- Carbajo, J.J. see Seigel, A.D. 1-45674
- Carberry, J.J. see Huang, D.T.-J. 1-39672
- Carbo, R., Domingo, L., Gregori, J. Average Fock operators 1-24020
- Carbonara, F. see Antreasyan, D. 1-10287
- Carboni, R. see Wilson, J. 1-54172
- Carboni, G., Gorini, G., Torelli, G., Trobbiani, V., Jacopini, E. Muonic X-rays and muon capture in low-pressure argon 1-15040
- Carbotte, J.P. see Daams, J.M. 1-34825, 1-42888
- Carbotte, J.P. see Schachinger, E. 1-12230, 1-42892
- Carcaly, C. see Palazzi, M. 1-30468, 1-38587
- Carכון, R. see Van Camp, E. 1-18621
- Card, H.C. see Panayotatos, P. 1-21881, 1-30760
- Card, H.C. see Poon, T.C. 1-38856, 1-42862
- Card, H.C. see Yang, E.S. 1-43781
- Cardama, C. see Diaz, R. 1-22159
- Carder, K.L., Meyers, D.J. Holography of settling particles. Shape parameters 1-10945
- Carder, K.L., Meyers, D.J. New optical techniques for particle studies in the bottom boundary layer 1-22540
- Cardillo, M.J., Becker, G.E. He atom diffraction from a silicic precipitate on a Pt(100) surface 1-16050
- Cardinal, P.G. see Measures, R.M. 1-42190, 1-45918
- Cardinet, Ph. see Teffo, J.L. 1-1208
- Cardon, B.L., Parkinson, W.H., Tomkins, F.S. Oscillator strengths of neutral yttrium (Y I) from hook-method measurements in a furnace 1-28921
- Cardon, B.L. see Smith, P.L. 1-50235
- Cardon, F. see Laflere, W.H. 1-7732
- Cardon, F. see Van Steertegem, G. 1-47742
- Cardona, M. Light scattering by free electrons and electron-phonon coupled modes in semiconductors 1-48059
- Cardona, M. see Allen, P.B. 1-47470
- Cardona, M. see Anastassakis, E. 1-26238
- Cardona, M. see Carlone, C. 1-21201
- Cardona, M. see Chandrasekhar, M. 1-25392, 1-48061
- Cardona, M. see d'Amour, H. 1-28006
- Cardona, M. see Fang, C.J. 1-39095
- Cardona, M. see Grimsditch, M. 1-26201
- Cardona, M. see Hochst, H. 1-48222
- Cardona, M. see Ley, L. 1-53005
- Cardona, M. see Muller, H. 1-2619, 1-35007
- Cardona, M. see Olego, D. 1-3407, 1-3479, 1-3480, 1-48134
- Cardona, M. see Shen, S.C. 1-12502, 1-16572
- Cardone, F. see Angilello, J. 1-47406
- Cardone, M. see Shen, S.C. 1-12497
- Cardos, V. see Georgescu, A. 1-33954
- Cardwell, G.L. see DeBlois, R.L. 1-931
- Cardy, J.L. Universal properties of U(1) gauge theories 1-28172
- Cardy, J.L., Nauenberg, M., Scalapino, D.J. Scaling theory of the Potts-model multicritical point 1-9943
- Cardy, J.L., Sugar, R.L. Directed percolation and Reggeon field theory 1-18163
- Carrelli, J. see Duke, C.B. 1-42612
- Carrelli, M.D., Friedland, A.J. Hot channel factors for rod temperature calculations in LMFBR assemblies 1-23728
- Carrelli, M.D. see Roidt, R.M. 1-23735
- Carrelli, P. see Barbanera, S. 1-53851
- Carera, F. see Allasia, D. 1-23495
- Carera, F. see Lassalle, J.C. 1-14786
- Carreno, A., Menigaux, L. Optical bistability using a directional coupler and a detector monolithically integrated in GaAs 1-37630
- Carreno, A., Menigaux, L., Delpech, Ph., Denuit, B., Salvi, M. Monolithic integration of a detector and a directional coupler switch in GaAs-Bistable operation 1-11185
- Caresna, J.P. see Autric, M. 1-40197
- Caresna, J.P. see Bournot, Ph. 1-39189
- Carette, J.D. see Bouchard, C. 1-16632, 1-16633
- Carette, P. see Linton, C. 1-41417
- Carew, J.F., Diamond, D.J. Using fuel performance to determine operating limit uncertainty allowance 1-5850
- Carew, J.F., Min, D.K., Aronson, A.L. Relating surveillance capsule measurements to pressure vessel damage 1-18789
- Carey, B.S., Scriven, L.E., Davis, H.T. Semiempirical theory of surface tension of binary system 1-38616
- Carey, G.F., Pan, T.T. Computation of subcritical compressible flows 1-19740
- Carey, G.F., Plover, T. Convection-diffusion using finite element methods 1-29664
- Carey, R.F., Rooney, J.A., Smith, C.W. Use of acousto-optic techniques to detect subharmonic and cavitation activity 1-37981
- Carey, S.N. see Sigurdsson, H. 1-54045
- Carey, T.A., Roos, P.G., Chant, N.S., Nadasen, A., Chen, H.L. Alpha-clustering systematics from the quasifree (p,p α) knockout reaction 1-36938
- Carey, T.A. see Nadasen, A. 1-5782
- Carey, T.A. see Wang, C.W. 1-5759
- Carfagna, C. see Busico, V. 1-8762
- Cargill, G.S., III, Krull, W.E. Device for automatic recording of X-ray spectra 1-10054
- Cargulla, G., Bialek, J. Detailed analysis of the TFR TF coils beyond finite-element analysis 1-928
- Cargulla, G. see Johnson, H.G. 1-6010
- Carhart, R. see Young, L.L., Jr. 1-4298
- Carides, J.N. see Christian, P.A. 1-32008
- Carignan, D.C. see Doman, D.R. 1-50874
- Carignan, F.J., Rabinowicz, E. Friction and wear at high sliding speeds 1-43536
- Carignan, G.R. see Shyn, T.W. 1-1373
- Carillon, A. see Jaegle, P. 1-10979
- Carimalo, C., Crozon, M., Kessler, P., Parisi, J. Direct-photon pair production in hadron collisions as a check of QCD 1-28354
- Carimalo, C. see Defrise, M. 1-45381
- Carimena, J.F., del Olmo, M.A., Santander, M. Kinematic groups and dimensional analysis 1-27773
- Carini, J.P., Basak, S., Nagel, S.R. Thermoelectric power of metallic glasses 1-30727
- Carini, J.P., Basak, S., Nagel, S.R., Giessen, B.C., Ching-Long Tsai. The thermoelectric power of the metallic glass $\text{Ca}_{20}\text{Al}_{10}$ 1-52547
- Carithers, W.C. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Carithers, W.C. see Carroll, A.S. 1-14372
- Carithers, W.C. see Dorfan, J.M. 1-41020
- Carithers, W.C. see Himel, T.M. 1-18482
- Carithers, W.C. see Scharre, D.L. 1-18485, 1-45292
- Carjan, N., Leroux, B. Finite-size effects in trajectory calculations for α particles emitted during nuclear fission 1-14563
- Carjan, N. see Cautiuc, F. 1-23700
- Carlian, A. see Desrousseaux, G. 1-47656
- Carlborg, R.G. The instability of radiation-driven stellar winds 1-49604
- Carlborg, T., Fredriksson, H. The influence of microgravity on the solidification of Zn-Bi immiscible alloys 1-16768
- Carleer, M. see Burtin, B. 1-6306
- Carles, F.P. see de la Serna, J. 1-54170
- Carles, R., Saint-Cricq, N., Renucci, J.B., Renucci, M.A., Zwick, A. Second-order Raman scattering in InAs 1-26206
- Carles, R., Saint-Cricq, N., Renucci, J.B., Zwick, A., Renucci, M.A. Resonance Raman scattering in InAs near the E₁ edge 1-39094
- Carles, R., Saint-Cricq, N., Zwick, A., Renucci, M.A., Renucci, J.B. Disorder activated Raman scattering in InAs 1-48062
- Carley, D.D., Dotson, A.C. Integral equation and perturbation method of calculating thermodynamic functions for a square-well fluid 1-51900
- Carlbhoff, C., Krametz, E., Schafer, J.H., Schildbach, K., Uhlenbusch, J., Wroblewski, D. Continuous optical discharges at very high pressure 1-46906
- Carlter, P. see Bachiri, M. 1-29143
- Carlter, R. see Hussonnois, M. 1-12648
- Carlin, C.M., DeArmond, M.K., Hanck, K.W. Photoselection spectrometer by a simple modification of a luminescence spectrometer 1-50239
- Carlin, R.L. see van der Bilt, A. 1-3156
- Carlino, L. see Sheley, C. 1-38281
- Carlitz, R.D., Willey, R.S. Electromagnetic effects in the field of an instanton 1-560
- Carlo, A. Di see Di Carlo, A.
- Carlone, C., Jandl, S., Shanks, H.R. Optical phonons and crystalline symmetry of InSe 1-43121
- Carlone, C., Laidig, R., Kiesel, E., Hota, N.K. Optical properties of potassium tetracyanoquinodimethane 1-52911
- Carlone, C., Olego, D., Jayaraman, A., Cardona, M. Pressure dependence of the Raman modes and pressure-induced phase changes in CuGaS_2 and AgGaS_2 1-21201
- Carlos, M.F. see Vahaviolos, S.J. 1-4043
- Carlos, W.E. see Taylor, P.C. 1-52856
- Carloti, M., Di Lonardo, G., Galloni, G., Trombetti, A. Infrared spectrum and vibrational potential function of thionylimide (HNSO) 1-37201
- Carloti, M., Trombetti, A., Velino, B., Vrbancich, J. The rotation-inversion spectrum of $^{15}\text{NH}_3$ 1-24138
- Carliqvist, P. see Raadu, M.A. 1-38075
- Carlson, W.J., Melman, P. Connectors that stretch 1-33814
- Carlson, B.E., Caldwell, J., Cess, R.D. A model of Saturn's seasonal stratosphere at the time of the voyager encounters 1-49571
- Carlson, B.V., Hussein, M.S., Baltz, A.J. Multiple Coulomb polarization potential for heavy ion scattering 1-41131
- Carlson, C.E. Relativity, field theory, quarks, bags, etc 1-50380
- Carlson, C.E., Coyne, J.J., Fishbane, P.M., Gross, F., Meshkov, S. E(1440): glueball or quarkonium? 1-28279
- Carlson, C.E., Lassila, K.E. Two-photon contributions to lepton production in pp scattering 1-18521
- Carlson, C.E. see Arnold, R.G. 1-41095
- Carlson, C.R., Cohen, R.W. A simple psychophysical model for predicting the visibility of displayed information 1-8873
- Carlson, C.T. see Maresca, J.W., Jr. 1-40229
- Carlson, D.E. Recent developments in amorphous silicon solar cells 1-32026
- Carlson, D.E., Magee, C.W., Thomas, J.H., III. Hydrogenated amorphous silicon films in palladium Schottky barrier cells 1-4200
- Carlson, D.E., Neef, R.D., Schaal, H. Sensitivity of fast fission chambers for flux monitoring in pebble-bed HTGRs 1-18812
- Carlson, D.E. see Pankove, J.I. 1-38816
- Carlson, D.K. see Clark, E.C. 1-48891
- Carlson, F.D. see Haskell, R.C. 1-32184
- Carlson, G.E. see Johnson, W.R. 1-18915
- Carlson, H.E. see Shemdin, O.H. 1-13480
- Carlson, H.W. see Maglieri, D.J. 1-37964
- Carlson, O.N., Rehbein, D.K., Bogacik, K.E. Effect of nitrogen concentration on temperature dependent mechanical properties of vanadium 1-21564
- Carlson, P.J. see Berglund, A. 1-36881
- Carlson, R.D. see France, D.M. 1-28545
- Carlson, R.L. Safeguarding on-line accountability data 1-14630
- Carlson, R.L., Christensen, N.I., Moore, R.P. Anomalous crustal structures in ocean basins: continental fragments and oceanic plateaus 1-22269
- Carlson, R.W., Lugmair, G.W. Time and duration of lunar highlands crust formation 1-54402
- Carlson, R.W., Lugmair, G.W., Macdougall, J.D. Crustal influence in the generation of continental flood basalts 1-35980
- Carlson, R.W. see Wu, F.M. 1-40400
- Carlson, T.A., Krause, M.O., McHaffey, D., Taylor, J.W., Grimm, F.A., Allen, J.D., Jr. Angular distribution in the photoelectron spectrum of the ground and first excited vibrational bands of the $\text{X}^2\Sigma^+$ state in N_2^+ measured as a function of photon energy 1-29038
- Carlson, T.N., Anthes, R.A., Schwartz, M., Benjamin, S.G., Baldwin, D.G. Analysis and prediction of severe storms environment 1-44234
- Carlsson, A.E. see Huisman, L.M. 1-2914
- Carlsson, L., Fellers, C., De Ruvo, A. The mechanism of failure in bending of paperboard 1-12796
- Carlton, L.F. see Konrad, W.L. 1-32564
- Carman, K.R. see Becher, P.F. 1-3789
- Carman, R.L., Forslund, D.W., Kindel, J.M. Visible harmonic emission as a way of measuring profile steepening 1-34051
- Carmeli, C., Quintanilha, A.T., Packer, L. Surface charge changes in purple membranes and the photoreaction cycle of bacteriorhodopsin 1-21992
- Carmen De Teresa, M. del see del Carmen De Teresa, M.
- Carmi, J.D., Evans, M.B. The characterization of stationary phases in gas chromatography 1-13060
- Carmi, S. see Tustaniwskyj, J.I. 1-1919
- Carmi, U. see Inspektor, A. 1-12000
- Carmichael, G.R., Dyi-Kang Yang, Chiao Lin A numerical technique for the investigation of the transport and dry deposition of chemically reactive pollutants 1-53727
- Carmichael, H.J. Analytical and numerical results for the steady state in cooperative resonance fluorescence 1-6197
- Carmo, L.C. Scavarda do see Scavarda do Carmo, L.C.
- Carmo, M.C. do see do Carmo, M.C.
- Carmona, F., Barreau, F., Delhaes, P., Canet, R. An experimental model for studying the effect of anisotropy on percolative conduction 1-12084
- Carmona, P. see Ramos, J.V.G. 1-6260
- Carmony, D.D. see Derrick, M. 1-45261
- Carmony, D.D. see Zissa, D.E. 1-33201
- Carnal, E., Mocellin, A. A topological model for plane sections of polycrystals 1-26423
- Carnall, W.T. see Caird, J.A. 1-45979, 1-46008
- Carne, A. Target station technology and active handling 1-18951
- Carnegie, R. see Aston, D. 1-50470
- Carniero, G.M. see Vetrovec, M.B. 1-2762
- Carnera, A., Drigo, A.V., Mazzoldi, P. Atom location in complex lattices: Pb in $\alpha\text{-Al}_2\text{O}_3$ 1-2544
- Carnet, J. see Dujardin, J. 1-24574
- Carnevale, A. see Peterson, G.E. 1-11093

- Carnevale, M., Montanari, G. Atmosphere ranging through lidar 1-44332
- Carnevale, M. *see* Bertolotti, M. 1-40179
- Carney, B.W. *see* Peterson, R.C. 1-9564
- Carney, G.D. Rotation energies for deuterated H_3^+ oscillators in zero-point states of vibration 1-28946
- Carney, G.D. Vibration intervals for tritiated H_3^+ and D_3^+ 1-45925
- Carney, J. *see* Gardner, R.H. 1-36005
- Carnie, S.L., Chan, D.Y.C. The structure of electrolytes at charged surfaces: ion-dipole mixtures 1-7709
- Carnie, S.L., Chan, D.Y.C. The Stillinger-Lovett condition for non-uniform electrolytes 1-42272
- Carnie, S.L., Chan, D.Y.C. The statistical mechanics of the electrical double layer: stress tensor and contact conditions 1-46965
- Carnie, S.L., Chan, D.Y.C., Mitchell, D.J., Nimm, B.W. The structure of electrolytes at charged surfaces: the primitive model 1-47731
- Carniglia, C.K., Apfel, J.H., Allen, T.H., Tuttle, T.A., Lowdermilk, W.H., Milam, D., Rainer, F. Recent damage results on silica/titania reflectors at 1 micron 1-37528
- Carnuth, W. *see* Reiter, R. 1-40156
- Caro, C.G. *see* Auvet, B. 1-49040
- Caro, M. *see* Sahin, S. 1-884
- Caro, P., Derout, J., Beaury, L., Fidancev, E.A. Correlation of optical and paramagnetic properties of neodymium ($4f^3$) in the solid state 1-25869
- Caro, P. *see* Antic-Fidancev, E. 1-26226
- Caro, P. *see* Dexpert-Ghys, J. 1-39152
- Caro, P. *see* Schliffmacher, G. 1-52452
- Carolei, G., Casalini, P., Leboffe, M., Nardelli, E., Peiser, P. Industrial strategy for solar energy 1-48804
- Caroli, E., Mainardi, F. On Love's approximation for fluid-filled elastic tubes 1-15502
- Caron, A., Dupuy, M., Pichot, Ch. Numerical solution of singular integral equations. Application to the flanged plane waveguide 1-37647
- Carosella, C.A. *see* Singer, I.L. 1-31684
- Carothers, J.A. *see* Ouano, A.C. 1-30402
- Caroubalos, C.A. *see* Asimakopoulos, D.N. 1-9282
- Carozzi-Meyssonier, N. Rotation and mass of NGC 2976 1-27606
- Carpay, F.M.A. *see* Kurtz, S.K. 1-38380, 1-38381
- Carpenter, D.A., Dadd, M.J., Kossoff, G. A multi-mode real time scanner 1-8938
- Carpenter, D.A., Davenport, C.M. The determination of the precise lattice parameter of a diffuse minor phase in a dilute binary uranium alloy 1-30141
- Carpenter, D.L. Fast fluctuations in the arrival bearing of magnetospherically propagating signals from the Siple, Antarctica, VLF transmitter 1-9324
- Carpenter, G.J.C., Watters, J.F. A study of electron irradiation damage in zirconium using a high voltage electron microscope 1-42423
- Carpenter, G.J.C., Watters, J.F., Bourque, L.R., McElroy, R.J. A technique for preparing thin single crystal specimens for proton-irradiation creep experiments 1-27942
- Carpenter, J.M. The delayed-neutron fraction in a pulsed spallation neutron source 1-10567
- Carpenter, J.M. *see* Wehe, D.K. 1-50731
- Carpenter, R.W. High-resolution analytical electron microscopy 1-50284
- Carpenter, S. *see* Raju, M.R. 1-43907
- Carpenter, S.G. *see* Raju, M.R. 1-43914, 1-43915
- Carpentier, J.-L., Lebrun, A., Perdu, F., Tellier, P. Determination of the ionic transport number of ytterbium sesquioxide (at 1473K) as a function of partial pressure of oxygen 1-7372
- Carpentier, J.M. *see* Segard, B. 1-50182
- Carpentier, L., Cormault, P. The new techniques of control-monitoring and their application to nuclear plants, in particular 1300 MWe 1-842
- Carpetis, C. A system consideration of alternative hydrogen storage facilities for estimation of storage costs 1-8771
- Carpetis, C., Peschka, W. A study on hydrogen storage by use of cryoadsorbents 1-21932
- Carpetis, C., Peschka, W. Large scale hydrogen storage by use of cryoadsorbents and comparison to alternatives 1-43824
- Carpetis, C. *see* Peschka, W. 1-17321
- Carpinteri, A., Lorenzini, E. Thermal shock in a nuclear fuel element with cladding 1-18723
- Carr, B.J. Pregalactic black hole accretion and thermal history of the Universe 1-44680
- Carr, J. *see* Altkofer, O.C. 1-45773
- Carr, J. *see* Aubert, J.J. 1-5630
- Carr, J.A. *see* Stricker, K. 1-14557
- Carr, K.L., Morsi El-Mahdi, A., Shaeffer, J. Dual-mode microwave system to enhance early detection of cancer 1-53852
- Carr, M.J. The shaking Earth 1-49188
- Carr, R. *see* Devanathan, D. 1-22162
- Carr, R.W., Jr. Collisional deactivation of highly vibrationally excited molecules. The effect of activated molecule complexity 1-1327
- Carr, S.H. *see* Bratt, P.W. 1-385
- Carraminana, A. The TMI-2 accident from point of view of small breaks and natural convection 1-28616
- Carranza, A. *see* Juteau, T. 1-27151
- Carranza, R.A. *see* Ahn, K.S. 1-3610
- Carrara, R. *see* Antreasyan, D. 1-10287
- Carrasco, L., Bisicacchi, G.F., Cruz-Gonzalez, C., Firmani, C., Costero, R. The possible nature of the high-velocity OB stars: hot UV-bright stars in the galactic disk 1-36281
- Carrasco, L. *see* Roth, M. 1-9375
- Carratt, M. *see* Joetzer, R. 1-11161
- Carre, D. *see* Benazeth, S. 1-25293
- Carre, J. *see* Amblard, M. 1-36990
- Carre, M., Druetta, M., Gaillard, M.L., Bukow, H.H., Horani, M., Roche, A.L., Velghe, M. Laser spectroscopy of the O_2^+ molecular ion using a fast ion beam: fine structure and predissociation lifetimes in the $b^4\Sigma_g^-$ state 1-1297
- Carre, M., Zgainski, A., Gaillard, M., Noh, M., Lombardi, M. Determination of the relative populations of magnetic sublevels of the 4^1D level of He I excited by heavy ion impact 1-51280
- Carre, M. *see* Larzilliere, M. 1-19108
- Carrera, N. *see* Obeso, J.A. 1-4299
- Carreras, B., Hicks, H.R., Holmes, J.A., Waddell, B.V. Nonlinear coupling of tearing modes with self-consistent resistivity evolution in Tokamaks 1-6963
- Carreras, B., Hicks, H.R., Lee, D.K. Effects of toroidal coupling on the stability of tearing modes 1-38093
- Carcaccia, V. Electro surgery and safety 1-35849
- Carrick, I.R. *see* Gacesa, M. 1-50780
- Carriere, B. *see* Lang, B. 1-8172
- Carrigan, R.A., Jr. Grand unification magnetic monopoles inside the Earth 1-18407
- Carrington, A. *see* Brown, J.M. 1-6290
- Carrington, R.A., Sherick, J.M. Component development and integration facility a description and status report [MHD power generation] 1-48877
- Carrington, T., Jr. *see* Arrowsmith, P. 1-35534
- Carrisson, C. *see* Broudy, R. 1-5383
- Carroll, A.S., Chiang, I.-H., Kycia, T.F., Li, K.K., Littenberg, L., Marx, M., Mazur, P.O., de Brion, J.P., Carithers, W.C. Observation of the decay $K^0 \rightarrow \pi^+ \pi^- e^+ \nu$ 1-14372
- Carroll, A.S., Chiang, I.-H., Kycia, T.F., Littenberg, L., Mazur, P.O., de Brion, J.P. A large lead glass Cherenkov counter hodoscope 1-28803
- Carroll, A.S. *see* Bionta, R.M. 1-28342
- Carroll, B. *see* Ropp, R.C. 1-3677
- Carroll, B.W. *see* Saio, H. 1-27540
- Carroll, C.E. *see* Welberry, T.R. 1-7036
- Carroll, J.B. *see* McClelland, J.B. 1-28485
- Carroll, J.D. *see* Chang, J.J. 1-53790
- Carroll, J.M. *see* Collins, C.B. 1-37461
- Carroll, J.P. Apodization model of the Stiles-Crawford effect 1-4276
- Carroll, J.P. Geometrical optics and the statistical analysis of refractive error 1-8849
- Carroll, L.R. Underlying concepts in positron computed tomography system design 1-43992
- Carroll, P.J., Lannin, J.S. Second order Raman scattering in monoclinic and trigonal selenium 1-48063
- Carroll, P.K., Kennedy, E.T. Laser-produced plasmas 1-46903
- Carroll, P.T. *see* Kevles, D.J. 1-22989
- Carroll, R., Santosa, F. Inverse scattering techniques in geophysics 1-27252
- Carroll, R.M., Shepard, R.L. Transient response and thermal shock resistance of sheathed thermocouples 1-27972
- Carroll, T.P., Detwiler, J.S. A noninvasive indicator of human placental blood flow 1-22155
- Carruthers, R. Approaches to fusion power 1-45733
- Carscadden, J.R. *see* Sadauskas, G.J. 1-23868
- Carsey, T.P., Boudreaux, E.A. Self consistent modified extended Huckel (SC-MEH) calculations on heavy metal systems. I. Platinum (II) tetragonal Planar complexes with and without relativistic effects 1-28879
- Carsey, T.P. *see* Boudreaux, E.A. 1-1117
- Carsky, P., Zahradnik, R., Hubac, I., Urban, M., Kello, V. Many-body Rayleigh-Schrodinger perturbation calculations of the correlation energy of open shell molecules in the restricted Roothaan-Hartree-Fock formalism. Application to heats of reaction and energies of activation 1-18078
- Carsky, P. *see* Hubac, I. 1-19039
- Carson, J. *see* Clark, G. 1-32815, 1-49894
- Carson, R.M. *see* Allen, C.M. 1-35992
- Carson, T.G. *see* Meador, R.W. 1-50711
- Carsten, A.L. *see* El-Naggar, A.M. 1-43908
- Carstensen, E.L., Child, S.Z. Effects of ultrasound on *Drosophila*. II. The heating mechanism 1-8903
- Carstensen, E.L., Law, W.K., McKay, N.D., Muir, T.G. Demonstration of nonlinear acoustic effects at biomedical frequencies and intensities 1-33846
- Carstensen, E.L. *see* Child, S.Z. 1-35846
- Carstensen, E.L. *see* Muir, T.G. 1-33845
- Carstensen, M.W. *see* Miller, M.W. 1-49060
- Carswell, A.I., Pal, S.R. Polarization anisotropy in lidar multiple scattering from clouds 1-36055
- Carswell, W.S., Roberts, R.C. Environmental fatigue stress failure mechanism for glass fibre mat reinforced polyester 1-3876
- Cartacci, A.M. *see* Adamovich, M.I. 1-45317
- Cartacci, A.M. *see* Florino, A. 1-50583
- Carter, A.A. *see* Watts, S.J. 1-5648, 1-23518
- Carter, A.C., Goodfellow, R.C., Davis, R. $1.3 \mu\text{m}$ GaInAsP-InP LEDs for 140 and 280 Mb/s fibre optic systems 1-1171
- Carter, A.C. *see* Nicholas, R.J. 1-3010
- Carter, B. The general theory of the mechanical, electromagnetic and thermodynamic properties of black holes 1-18117
- Carter, B.S. *see* Feast, M.W. 1-13779
- Carter, B.S. *see* Howarth, I.D. 1-40523
- Carter, C.B. The effect of solute interaction and anisotropic elasticity on Shockley partial dislocations in an FCC alloy 1-7178
- Carter, C.B. Multiple ribbons in face-centred cubic materials. I. Geometry and properties of double ribbons 1-20242
- Carter, C.B. Multiple ribbons in face-centred cubic materials. II. Formation of double and multiple ribbons 1-25296
- Carter, C.B. Multiple ribbons in face-centred cubic materials. III. Jogs on double ribbons 1-52138
- Carter, C.B., Foll, H., Ast, D.G., Sass, S.L. Electron diffraction and microscopy studies of the structure of grain boundaries in silicon 1-52151
- Carter, C.B., Kohlstedt, D.L., Sass, S.L. Electron diffraction and microscopy studies of the structure of grain boundaries in Al_2O_3 1-38382
- Carter, C.B. *see* Chiang, S.-W. 1-2452
- Carter, C.H., Jr., Stone, C.A., Davis, R.F., Schaub, D.R. High-temperature, multi-atmosphere, constant stress compression creep apparatus 1-12948
- Carter, D. *see* Efsthathiou, G. 1-27613
- Carter, D.A. *see* Ogawa, T. 1-40252
- Carter, D.B. Parameters of fixation disparity 1-35772
- Carter, D.R., Vasu, R. Plate and bone stresses for single- and double-plated femoral fractures 1-53810
- Carter, D.R., Vasu, R., Spengler, D.M., Ducland, R.T. Stress fields in the unplanted and plated canine femur calculated from in vivo strain measurements 1-53811
- Carter, D.R. *see* Harrigan, T.P. 1-13278
- Carter, D.R. *see* Vasu, R. 1-22050
- Carter, F.L. Atomic volume contraction in inter-metallic hydride formers: a valuable new clue 1-20125
- Carter, F.L. Atomic volume concentration in rare earth-nickel intermetallics as a function of partial coordination number coefficient 1-25202
- Carter, F.L., Achard, J.C., Percheron-Guegan, A. Hydrogen coordination number, volume, and dissociation pressure in LaNi_5 substituted hydrides 1-25205
- Carter, F.L. *see* Brant, P. 1-53049
- Carter, G. *see* Thompson, D.A. 1-52188
- Carter, G.M. Broadband modulation of CO_2 lasers using bulk electro-optic crystals 1-41757
- Carter, H.K., Bingham, C.R. Plans for laser hyper-fine structure measurement at UNISOR 1-10314
- Carter, H.K. *see* Ellis-Akoyali, Y.A. 1-41080
- Carter, H.K. *see* Nettles, W.G. 1-10354
- Carter, H.K. *see* Toth, K.S. 1-50561
- Carter, J.A. *see* Berg, E. 1-27298
- Carter, J.A. *see* Christie, W.H. 1-23762
- Carter, J.A. *see* Jacobson, M.E. 1-50912
- Carter, J.P. *see* Covino, B.S., Jr. 1-53338
- Carter, J.R. *see* Skreys, A. 1-594
- Carter, J.R. *see* Van Drunen, G. 1-8522
- Carter, J.L. *see* Hendricks, J.S. 1-41255
- Carter, M.W. *see* Ritchie, J.C. 1-50848
- Carter, N.L. *see* Ave Lallemand, H.G. 1-35969
- Carter, N.L. *see* Ross, J.V. 1-35961, 1-35981
- Carter, P.G. *see* Barr, P. 1-839
- Carter, P.S., Rusbridge, M.G. A narrow-band correlator based on heterodyne filters 1-19958
- Carter, R.D. *see* Blyckert, W.A. 1-50798
- Carter, R.L., Smith, C.V., Jr., Owens, J.M. Magnetostatic forward volume wave-spin wave conversion by etched grating in LPE-YIG 1-12383
- Carter, S., Mills, I.M., Murrell, J.N. A potential energy surface for the ground state of acetylene, $\text{H}_2\text{C}_2(\text{X}^2\Sigma^+)$ 1-10681
- Carter, S., Murrell, J.N. Analytical potentials for triatomic molecules. VII. Application to repulsive surfaces 1-19156
- Carter, S. *see* Dixon, R.N. 1-46043
- Carter, S.L. *see* Pindola, M.S. 1-1383
- Carter, V. *see* Stewart, W.R. 1-4550
- Carter, W.E., Robertson, D.S., Abell, M.D. An improved polar motion and Earth rotation monitoring service using radio interferometry 1-49393
- Carter, W.E. *see* Robertson, D.S. 1-44085

- Carter, W.H.** Properties of electromagnetic radiation from a partially correlated current distribution 1-1454
- Carter, W.H.** Four definitions for the term emittance 1-11055
- Carter, W.H., Wolf, E.** Correlation theory of wavefields generated by fluctuating, three-dimensional, primary, scalar sources. I. General theory 1-46212
- Carter, W.H., Wolf, E.** Correlation theory of wavefields generated by fluctuating, three-dimensional, scalar sources. II. Radiation from isotropic model sources 1-46213
- Carter, W.J., III** see Smith, S.R. 1-3982
- Cartier, E., Heinrich, F., Guntherodt, H.-J.** Positron studies of defect structures in metallic glasses 1-43205
- Cartier, E., Heinrich, F., Pfluger, P., Guntherodt, H.-J.** Positron annihilation in graphite intercalation compounds 1-43208
- Cartier, E.** see Pfluger, P. 1-39053
- Carton, D.** see Rasneur, J. 1-7607
- Carton, J.-P.** see Villain, J. 1-20944
- Cartwright, C.M., Forsyth, P.D., Hall, I., Irving, A.D., Martin, D.G.E.** Low-lying levels in ^{83}Kr 1-23586
- Cartwright, D.C.** see Collins, L.A. 1-6238
- Cartwright, D.E., Edden, A.C., Spencer, R., Vassie, J.M.** The tides of the northeast Atlantic Ocean 1-17622
- Cartwright, D.K., Manent, G., Chenebault, P., Sesuy, R., de Montaignac, E., Diggle, W.R., Johnson, F.A., Findlay, J.R., Glauner, W., Jacobi, S., Feuerstein, H., Relic, M.** Fission-product measurements in the SCARABEE mono and seven-pin loss-of-coolant experiments 1-823
- Cartwright, S.L., Dunn, P., Thompson, B.J.** Particle sizing using far-field holography. New developments 1-10944
- Caruba, R.** see Iacconi, P. 1-39163
- Carusi, A., Valsecchi, G.B.** Temporary satellite captures of comets by Jupiter 1-49574
- Carusotto, S.** Quantum statistics of light after two-photon absorption and emission processes 1-15131
- Caruthers, G.F.** see Sturniolo, D. 1-28745
- Caruthers, J.E., Riffel, R.E.** Aerodynamic analysis of a supersonic cascade vibrating in a complex mode 1-2023
- Carvajal, G.** see Castellano, E.E. 1-30212
- Carvalho, A.V., Jr.** see Goldstein, L., Jr. 1-53684
- Carvalho, C.** see Aragao de Aragao de Carvalho, C.
- Carvalho, E.M.de** see de Carvalho, E.M.
- Carvalho, H.Da Silva** see Da Silva Carvalho, H.
- Carvalho, M.J., Klein, G.** Alpha-particle induced scintillation in dense gaseous argon: emission spectra and temporal behaviour of its ionic component 1-29833
- Carvalho, M.L.** see Salgueiro, L. 1-6391
- Carver, G.E., Seraphin, B.O.** CVD molybdenum thin films for high power laser mirrors 1-37588
- Carver, G.E.** see Chain, E.E. 1-12594
- Carver, J.H.** see Lewis, B.R. 1-1284
- Cary, J.R., Kwan, T.J.T.** Two-dimensional theory of free-electron lasers 1-15137
- Cas, R.** see De Cas, R.
- Casagrande, C.** see Dubaut, A. 1-16031
- Casagrande, F.** see Bonifacio, R. 1-41655
- Casal, H.L.** see Cameron, D.G. 1-13362
- Casalboni, M., Crisanti, F., Francini, R., Grassano, U.M.** Two-photon spectroscopy in AgCl 1-8127
- Casalbuoni, R., Domokos, G., Kovesi-Domokos, S.** Minimal subconstituent models of quarks and leptons 1-45226
- Casalbuoni, R.** see Barducci, A. 1-40934
- Casalegno, R.** see Ayant, Y. 1-12429
- Casalegno, R.** see Belorizky, E. 1-25917
- Casali, R.** see Allasia, D. 1-23495
- Casalini, P.** see Carolei, G. 1-48804
- Casalone, G., Cattania, M.G., Simonetta, M.** Geometry of acetylene chemisorption on Ni(100) investigated by LEED intensity analysis: the $c(2 \times 2)$ structure 1-47379
- Casano, L.** see Federici, L. 1-29240
- Casano, A., Jouanneau, A., Petit, C.-C.** Nickel behaviour in the presence of stable or reducible anions, in acid media 1-26651
- Casano, R., Tsong, T.T.** Pair interaction of metal atoms on a metal surface 1-47376
- Casano, R.** see Tsong, T.T. 1-25540
- Casarella, M.J., Niedzwiecki, J.M.** Predicting the effects of surface roughness on laminar-turbulent transition for axisymmetric bodies 1-29650
- Casares-Giner, V.** see Garcia-Lopez, J.A. 1-36026
- Casas, R.E.** see Arnold, R.A. 1-46506
- Casas, R.E.** see Yoder, P.K., Jr. 1-46532
- Casas-Vazquez, J.** see Jimenez, J.I. 1-17158
- Casas-Vazquez, J.** see Rubi, J.M. 1-2004
- Casasent, D.** Optical pattern recognition. I. Matched spatial-filter processors 1-33624
- Casasent, D.** Optical data processing (ODP): a status report 1-33625
- Casasent, D., Caimi, F., Hinds, J.E.** Optical word recognition. Case study in coherent optical pattern recognition 1-6523
- Casasent, D., Psaltis, D.** Classification for optical signal processing architectures 1-15090
- Casasent, D.** see Psaltis, D. 1-46240, 1-51400
- Casasent, D.** see Shen, M. 1-6637, 1-6638
- Casassa, M.P., Bomse, D.S., Janda, K.C.** Infrared photodissociation of van der Waals molecules 1-46045
- Casavecchia, P., Buss, R.J., Sibener, S.J., Lee, Y.T.** A crossed molecular beam study of the $\text{O}(\text{D}_2) + \text{CH}_4$ reaction 1-35524
- Casavecchia, P.** see Becker, C.H. 1-8557
- Caschi, C., Angelino, G., Ferrari, P., Gaia, M., Giglioli, G., Macchi, E.** Experimental results and economics of a small (40 kW) organic Rankine cycle engine 1-48896
- Casciani, F., Condrate, R.A., Sr.** The Raman spectrum of monetite, CaHPO_4 1-26196
- Cascio, H.E.** see Brooks, R.A. 1-53872
- Cascio, L.Lo.** see Ferrante, G. 1-33437
- Case, D.A., Cook, M., Karplus, M.** Application of $X\alpha$ multiple-scattering theory to planar organic molecules: one-electron properties and ionization potentials of benzene, pyridine, pyrazine, pyrrole, and imidazole 1-1105
- Case, D.A., Yang, C.Y.** Stable and efficient algorithms for $X\alpha$ multiple scattering calculations 1-14816
- Case, S.K., Gerbig, V.** Laser beam scanners constructed from volume holograms 1-6522
- Case, S.K., Gerbig, V.** Efficient and flexible laser beam scanners constructed from volume holograms 1-41641
- Casel, A., Haberzettl, H., Sandhas, W.** Pole approximations in few body systems 1-28432
- Casenave, A.** see Lafforgue, A. 1-49296
- Casey, G.J., Jr., Endicott, D.W.** Control of surface quality of gold electrodeposits utilizing Auger Electron Spectroscopy 1-8579
- Cash, W., Snow, T.P., Jr.** HR 976 and 4C 34.13: an X-ray odd couple 1-32774
- Cashell, E.M.** see Andrew, E.R. 1-38990
- Cashion, J.D., Shenoy, G.K., Niarchos, D., Viccaro, P.J., Falco, C.M.** Magnetism of iron atoms in superconducting $\text{Sc}_2\text{Fe}_2\text{Si}_2$ 1-16514
- Cashion, J.D.** see Shenoy, G.K. 1-43053
- Cashman, P.M.M.** Foundations of medical technology. Display methods 1-9046
- Cashman, P.M.M.** Foundations of medical technology. Recording methods 1-17506
- Cashmore, R.** see Daum, C. 1-14424, 1-28357
- Cashmore, R.J.** The hadronic final state in e^+e^- annihilation at CM energies of 13, 17 and 27.4 GeV 1-10239
- Cashmore, R.J.** Resonances in $\pi\pi$ and $K\pi$ systems 1-45358
- Cashmore, R.J.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Casimir, H.B.G.** Superconduction in the 1930s 1-44752
- Casini, A.** see Brenni, M. 1-1707
- Casini, C.** see Bosma, A. 1-9683
- Casini, G.** Engineering problems associated with Tokamak type controlled fusion reactors 1-50932
- Caskey, D.L., Clark, R.P., Verardo, A.E.** Sandia battery program for energy storage in photovoltaic systems 1-53592
- Casleton, K.** see Patel, R.I. 1-26749
- Caso, C.** see Barth, M. 1-41018, 1-45377
- Cason, C.** see Perkins, J.F. 1-46395
- Cason, C.** see Shih, C.K. 1-46364
- Cason, C.C., Jones, R.W., Perkins, J.F.** Optical quality of tilted spherical mirror unstable resonators 1-46394
- Cason, N.M.** see Biswas, N.N. 1-18515
- Casper, T.A., Shohet, J.L.** Low-frequency fluctuations of the Ohmically heated plasma in the Proto-Cleo torsatron 1-29889
- Casperd, A.N., Hill, R.** The spectral response of $\text{CdS}:\text{Cu}$ solar cells formed by dry barrier techniques 1-4198
- Caspers, W.J.** see Van Den Broek, P.M. 1-25851
- Caspersen, A., Dawids, S.** System dynamic modelling of hemodialysis treatment 1-21975
- Caspersen, C.** see Buchave, P. 1-29815
- Caspersen, L.W.** Stability criteria for non-Doppler lasers 1-24387
- Caspersen, L.W.** see Reyzer, K.C. 1-41686, 1-41687
- Cassady, P.E.** Survey of advanced gasdynamic laser concepts 1-24388
- Cassagne, B., Kirsch, G., Bardon, J.P.** Theoretical analysis of the errors due to stray heat transfer during the measurement of surface temperature by direct contact 1-261
- Cassagne, B.** see Radulovic, R. 1-4391
- Cassagnou, Y.** see Julien, J. 1-41145
- Cassaigneau, C.** see Tappinon, P. 1-54048
- Cassano, A.A., Li, T.C., Tao, J.C., Tsao, T.R.** Purification and cryogenic separation of SNG produced from coal 1-48788
- Cassard, D.** see Prinzhofer, A. 1-32413
- Cassatella, A.** see Altamore, A. 1-17850
- Casseday, M.W.** see Berg, N.J. 1-24362
- Cassel, A.** Chlorotris(triphenylphosphine)silver 1-30207
- Cassel, D.G.** see Bebek, C. 1-33191
- Cassel, D.G.** see Boerner, H. 1-14741
- Cassel, D.G.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Cassel, D.G.** see Chadwick, K. 1-33192
- Cassel, D.G.** see Day, C.T. 1-45312
- Cassel, R.** see Bellomo, P. 1-6021
- Cassel, T.A.V.** see Blair, P. 1-43740
- Cassell, R.** see Haber, B. 1-14433
- Cassen, P., Peale, S.J., Reynolds, R.T.** Tidal dissipation in Europa: a correction 1-36210
- Cassen, P.** see Peale, S.J. 1-4818
- Cassidy, J.** see Brown, G.C. 1-32401
- Cassing, W., Friedrich, H.** Quantal fluctuations in inelastic heavy ion collisions 1-23677
- Casson, P.** see Hampson, N.A. 1-53576
- Cassoudeulle, G., le Rigoleur, C.** Thermal calculations to investigate the integrity or melt-through time of the fuel support grid for a postulated core melt-down accident 1-5877
- Cassoux, P., Interrante, L., Kasper, J.** New π -donor-acceptor compounds including the first example in which both donor and acceptor are transition metal complexes 1-16287
- Cassulo, J.C.** see Gabor, J.D. 1-37928
- Cassulo, J.C.** see Jones, S.W. 1-45690
- Cassuto, A., King, D.A.** Rate expressions for adsorption and desorption kinetics with precursor states and lateral interactions 1-38662
- Casswell, L.** see Smith, A.M. 1-44497
- Castagne, M., Bonafie, J., Manificat, J.C., Fillard, J.P.** Evidence for a shallow level structure in the bulk of semi-insulating GaAs 1-7636
- Castagne, M., Bonafie, J., Romestan, J., Fillard, J.P.** Differential analysis of TSC spectra in GaAs semi-insulating material 1-12122
- Castagne, M.** see Gasiot, J. 1-966
- Castagnino, M., Chimento, L.** Two theorems on flat space-time gravitational theories 1-44793
- Castagnino, M., Foussats, A., Laura, R., Zandron, O.** The quantum equivalence principle and the particle model in curved space-time 1-36798
- Castagnino, M., Weder, R.** The quantum equivalence principle and finite particle creation in expanding universes 1-50025
- Castagnolo, B., Corsi, F., De Leo, R.** VHF-UHF electromagnetic field measurement in biological media by electrodeless insulated probes 1-32299
- Castaing, B.** A model for the exchange in liquid He^3 1-2751
- Castaldi, R.** see Antreasyan, D. 1-10287
- Castaldini, A.** see Cavallini, A. 1-52522
- Castaldini, M., Helland, K.N., Malvestuto, V.** Hot-film anemometry in aqueous NaCl solutions 1-34025
- Castan, P.** see Arrizabalaga, Ph. 1-28994
- Castaneda-Zuniga, W.R.** see Amplatz, K. 1-26999
- Castaner, L.** see Bielle-Daspert, J. 1-13138
- Castaner, L.** see Piekoszewski, J. 1-16297
- Castaner Munoz, L.** Characterization and testing of solar cells 1-32021
- Castanet, R.** Thermodynamic studies and the phase diagram of the Mg-Cd system 1-53154
- Castanet, R.** see Bergman, C. 1-30046
- Castano, E.** see Ley-Koo, E. 1-22974
- Castano, O.** see Tyutyulkov, N. 1-15051
- Casteels, F.G., Brabers, M.J., De Paus, R.** Thermodynamic stability and phase equilibria in the system La-Th-W-O 1-3711
- Castel, B.** see Cussion, R.Y. 1-50500
- Castel, B.** see Yadav, H.L. 1-23595
- Castelain, A.** see Blot, F. 1-22180
- Castelain, M.** see Amoureux, J.P. 1-43023
- Castelaz, M.** see Grasdaen, G.L. 1-27524
- Castelini, R.D.** see Koles, Z.J. 1-35801
- Castellani, L., van Nieuwenhuizen, P., Gates, S.J., Jr.** Constraints for $N=2$ superspace from extended supergravity in ordinary space 1-23089
- Castellani, V., Ponte, G., Tornambe, A.** Current problems on horizontal-branch (HB) stars. IV. The influence of rotation on the expected properties of RR Lyrae pulsators 1-22797
- Castellano, E.E., Zukerman Spectator, J., Carvajal, G.** 4-hydroxy-4-phenylhexanamide, an anticonvulsant molecule 1-30212
- Castellano, E.E.** see Della Vedova, C.O. 1-31145
- Castellano, J.A., Harrison, K.J.** Liquid crystal materials for display devices 1-38280
- Castellano, L.** see Biasi, L. 1-5868
- Castelli, F., Lamers, H.J.G.L.M., Llorente de Andres, F., Muller, E.A.** A comparison between the observed and predicted UV line blocking for blanketed model atmospheres of early type stars 1-27480
- Castellini, C., Tredice, J.** Intensity distribution in the focal region of a 'doughnut' mode 1-24443
- Castellini, G., Emiliani, P.L., Graziani, P., Tronconi, A.** An automatic audio response system favours data access for the blind 1-53930
- Castellini, G., Emiliani, P.L., Graziani, P., Tronconi, A., Vanni, R.** An aid to the blind: LPC speech synthesis from coded information sources 1-1780
- Castellini, G.** see Brenni, M. 1-1707

- Casten, R.F. Survey of experimental tests of the IBA model 1-612
- Casten, R.F. *see* Warner, D.D. 1-23539
- Castet-Mejane, L., Michel-Calandini, F.M. Phase-transition effects in BaTiO₃ from tight-binding energy bands 1-39059
- Castex, M.C. *see* Dutuit, O. 1-6274
- Castex, M.-C. Experimental determination of the lowest excited X₂ molecular states from VUV absorption spectra 1-45978
- Castiglione, G. *see* Ortolivo, E. 1-1097
- Castile, R.G., Hyatt, R.E., Rodarte, J.R. Determinants of maximal expiratory flow and density dependence in normal humans 1-53807
- Castilli, T. *see* Argentesi, F. 1-10438
- Castillo, N.D. *see* Tomasko, M.G. 1-40404
- Castillo, S. *see* Novaro, O. 1-46049
- Castle, J. *see* Wyman, C. 1-8746
- Castle, J.E. *see* Cross, Y.M. 1-40902
- Castle, J.E. *see* Kato, C. 1-16965, 1-16966
- Castle, K.G. *see* Milone, E.F. 1-9577
- Castle, P.J. *see* Plumbridge, W.J. 1-48470
- Castle, R.O. *see* Vanicek, P. 1-13617
- Castleman, A.W., Jr. *see* Keesee, R.G. 1-4061
- Castleman, A.W., Jr. *see* Mark, T.D. 1-372
- Castles, R., Mura, T. Fracture criterion of flat ellipsoidal cracks in anisotropic bodies 1-1892
- Castner, D.G., Dubois, L.H., Sexton, B.A., Somorjai, G.A. Comments on 'Does chemisorbed carbon monoxide dissociate on rhodium?' by J.T. Yates, Jr., E.D. Williams and W.H. Weinberg 1-53470
- Castner, D.G., Somorjai, G.A. LEED, AES and thermal desorption studies of the oxidation of the rhodium(111) surface 1-21621
- Castner, T.G. New effects near the metal-insulator transition in doped semiconductors 1-12030
- Castner, T.G. The dielectric anomaly as the insulator-metal transition is approached from the insulating side 1-47479
- Castner, T.G. *see* Tan, H.S. 1-47536
- Castro, T.L. The data bus goes fiber optic 1-24526
- Castor, J.J., Lutz, J.H., Seaton, M.J. Ultraviolet spectra of planetary nebulae. III. Mass loss from the central star of NGC 6543 1-44572
- Castrograno, D.P.L., Henrichs, R.W. Systems of covariance and subrepresentations of induced representations 1-18066
- Castro, A. *see* Buchet, G. 1-50186
- Castro, A.R.B. *see* de Castro, A.R.B.
- Castro, C.A. *see* Jindal, B.K. 1-7907
- Castro, E.A., Villata, L., Fernandez, F.M. The total Hartree-Fock energy-eigenvalue sum relationship in atoms and ions 1-37093
- Castro, E.A. *see* Fernandez, F.M. 1-23042
- Castro, G. *see* Cuellar, E. 1-33491
- Castro, J.C., Zimmerman, M.L., Hulet, R.G., Kleppner, D., Freeman, R.R. Origin and structure of the quasi-Landau resonances 1-24081
- Castro, M. *see* Keller, J. 1-20653, 1-47444
- Castro, M. *see* Mullica, D.F. 1-30214
- Castro, P.M.S.T. *see* de Castro, P.M.S.T.
- Castro, S.C. *see* de Castro, S.C.
- Castro-Tello, J. *see* Beltran-Lopez, V. 1-16472
- Casula, F., Selloni, A. Electronic states and electron-phonon coupling at the 2x1 reconstructed Si(111) surface 1-52636
- Caswell, J.L., Haynes, R.F. Survey of OH masers at 1665 and 1667 MHz. I. Galactic longitudes 326° to 340° 1-44654
- Caswell, J.L., Haynes, R.F. An OH maser in the Large Magellanic Cloud 1-54628
- Caswell, N. Structural study of stage-1 cesium graphite at high temperatures 1-34273
- Caswell, N. In situ X-ray diffraction from cesium graphite: structural variations with Cs vapor pressure and sample temperature 1-34460
- Caswell, R.S., Coyne, J.J., Randolph, M.L. Kerma factors for neutron energies below 30 MeV 1-14570
- Catakli, A., Larmann, T. A discussion about the cylindrical, space-dependent transient code COSTANZA 1-33330
- Catalan, J., Escudero, F., Laso, J., Mo, O., Yanez, M. The effect of substituents on the structure of dioxirane 1-24025
- Catalan, L.A. Definitions of flux and intensity 1-5357
- Catalano, A., Bhushan, M. Evidence of p/n homojunction formation in Zn₃P₂ 1-12181
- Catalano, A. *see* Bhushan, M. 1-48836
- Catalano, L.M., Cingolani, A., Arnone, C., Rivas-Sansverino, S. Optical rectification and photon drag in p-type InAs at 10.6 μm 1-46436
- Catalano, L.M., Cingolani, A., Ferrara, M., Lugara, M. Optical gain spectrum in CdSe under strong laser excitation 1-3437
- Catalano, S. *see* Cerruti-Sola, M. 1-9575
- Catalano, S. *see* Scaltriti, F. 1-40372
- Catalanotti, S. *see* Ambrosone, G. 1-39819
- Catalanotti, S. *see* Bloisi, F. 1-39814
- Catara, F., Consoli, M., Insolia, A., Monaco, L.L. π-nucleus elastic scattering around the Δ(3,3) resonance 1-41139
- Catchpole, R.M. *see* Feast, M.W. 1-13779
- Catella, G.C. *see* Hiddleston, H.R. 1-10974
- Catenacci, R., Marzuoli, A., Salmistraro, F. A note on Killing vectors in algebraically special vacuum space-times 1-5177
- Cater, E.D. *see* Beeken, R.B. 1-25871
- Cates, M. *see* Drake, D.M. 1-28448
- Cathala, M. *see* Barkats, G. 1-39786
- Cathala, M. *see* Bogus, K. 1-39788
- Catherine, Y., Turban, G., Grolleau, B. Reaction mechanisms in plasma deposition of Si₃C₄-H films 1-43278
- Catherinot, A., Dubreuil, B. Quenching and excitation-transfer processes in the n=4 helium sublevels in a low-pressure glow discharge 1-46943
- Cathie, D.N. On the implementation of elastoplastic boundary element analysis 1-51704
- Catlow, C.R.A., Comins, J.D., Germano, F.A., Harley, R.T., Hayes, W., Owen, I.B. Studies of effects of trivalent impurity ions on the transition to the superionic state of fluorites 1-38819
- Catlow, C.R.A., Corish, J., Jacobs, P.W.M., Lidiard, A.B. The thermodynamics of characteristic defect parameters 1-42376
- Catlow, C.R.A., James, R. The formation and ordering of shear planes in non-stoichiometric oxides 1-47097
- Catlow, C.R.A. *see* Walker, J.R. 1-47292
- Cato, D.H. Some unusual sounds of apparent biological origin responsible for sustained background noise in the Timor Sea 1-11224
- Caton, R., Arais, S., Moyer, C.A., El-Gamal, M.Z., Snead, C.L., Jr. Crystallization, neutron irradiation, and annealing studies in glassy Ti₅₀Be₄₀Zr₁₀ 1-2335
- Catoni, F. *see* Benetti, P. 1-935
- Catras, G.N. *see* Trocha, P.J. 1-26959
- Catt, I. The death of electric current. A contribution to electromagnetic theory 1-19234
- Cattaneo, A., Van Elst, H.C., Boquet, P. Développement de méthodes non destructives pour détecter la présence et suivre l'évolution de microfissures (Development of nondestructive methods to detect microcracks and follow their extension) 1-21690
- Cattaneo, U., Wresinski, W. Contraction of Lie algebra representations and Glauber coherent states 1-5134
- Cattani, D.D. Linear equations for the gravitational field 1-32882
- Cattani, M. On the specific heat of the liquid helium 1-34531
- Cattani, M. *see* Bassalo, J.M. 1-1182
- Cattania, M.G. *see* Casalone, G. 1-47379
- Cattapan, G., Lovitch, L., Vanzani, V. Effective interactions in many-body scattering obtained by a systematic subtraction technique 1-5705
- Cattapan, G., Lovitch, L., Vanzani, V. Minimally connected N-body equations for transition operators 1-18069
- Cattell, C.A. *see* Mozer, F.S. 1-13626
- Cattell, R.K. *see* Freund, P. 1-21890
- Catti, M. A generalized Born-Mayer parametrization of the lattice energy in orthorhombic ionic crystals 1-38322
- Catto, C.J.D. *see* Smith, D.J. 1-15800
- Catto, P.J., Rosenbluth, M.N. Trapped electron modifications to tearing modes in the low collision frequency limit 1-51908
- Catto, P.J. *see* Hazeltine, R.D. 1-51919
- Catton, I. *see* Dhir, V.K. 1-5863, 1-45689
- Catton, I. *see* Drucker, M.I. 1-5936
- Catton, I. *see* Toman, W.I. 1-50807
- Catura, R.C., Brown, W.A., Acton, L.W. Comparison of Wolter I and Kirkpatrick-Baez X-ray optics for a Spacelab LAMAR facility 1-4771
- Catz, E. *see* Tirosh, J. 1-48460
- Catze, P. *see* Aubert, B. 1-14748
- Caubo, M., Bragard, A. Toles en acier micro-allié pour chaudières (Micro-alloyed steel plate for boilers) 1-21494
- Cauchy, D., Lavery, R., Pullman, B. The effect of screening the electrostatic potentials of reactive sites within B-DNA by metal cations 1-51330
- Caudano, R. *see* Maroie, S. 1-16976
- Caudrell, T.P., Hill, H.A. On the statistical significance of the reported phase coherence for solar oscillations 1-13750
- Caudrell, T.P., Knapp, J., Hill, H.A., Logan, J.D. Recent observations of solar oscillations at SCLERA 1-27463
- Caudrell, T.P. *see* Knapp, J. 1-27476
- Caudrey, P.J. The inverse problem for the third order equation $u_{xxx} + q(x)u_x + r(x)u = -i\lambda^2 u$ 1-9820
- Caudrey, P.J. *see* Bullough, R.K. 1-36486, 1-36506
- Caudrey, P.J. *see* Bullough, R. (editor) 1-36467
- Caudron, R., Costa, P., Lasjaunias, J.C., Levesque, B. Power law behaviour for the specific heat of spin glasses at very low temperatures 1-42970
- Caughy, S.J., Crease, B.A., Cole, R.S., Asimakopoulou, D.N., Mousley, T.J. Quantitative interpretation of acoustic echoes from the planetary boundary layer 1-17706
- Caughy, S.J. *see* Cole, R.S. 1-17705
- Cauet, B. *see* Smigileski, P. 1-15348
- Cauletti, C. *see* Alagna, L. 1-41432
- Caulfield, H.J. Linear combinations of functions for character recognition: a unified treatment 1-29218
- Caulfield, H.J., Haimes, R. Optimum use of data in space-variant optical pattern recognition 1-51385
- Caulfield, H.J., Haimes, R., Horner, J. Composite matched filters 1-15253
- Caulfield, H.J. *see* Bien, F. 1-40840
- Caulfield, H.J. *see* Mueller, P.F. 1-33066
- Cauliez, G. Microturbulence temporal structure in the atmospheric boundary layer 1-44271
- Caumes, G. *see* Bayle, M. 1-15737
- Caumette, P., Garcia, J.L., Martin, A. Experimental studies of PWR primary piping under LOCA conditions 1-18783
- Caurier, E., Poves, A., Zuker, A. Hartree-Fock versus isospin projected Hartree-Fock in nuclei with neutron excess 1-14454
- Caurier, E., Poves, A., Zuker, A. Isotope shifts and Coulomb displacement energies in calcium isotopes 1-14455
- Caurier, E. *see* Abgrall, Y. 1-5752
- Causon, D., Gettings, J., Gormally, J., Greenwood, R., Natarajan, N., Wyn-Jones, E. Ultrasonic relaxations associated with aggregation in drugs 1-52237
- Cautreels, W. *see* Broddin, G. 1-17327
- Cauwenbergh, K. *see* Van Cauwenbergh, K.
- Cava, R.J., McWhan, D.B. Diffuse-X-ray scattering study of the fast-ion conductor β-Ag₂S 1-30463
- Cava, R.J. *see* Hillenius, S.J. 1-47718
- Cavagna, M. *see* De Young, J. 1-27545
- Cavagna, M. *see* Ney, E. 1-32662
- Cavagnero, M.J. *see* Russek, A. 1-24228
- Cavagnac, J.F. *see* Boehm, F. 1-18466
- Cavaille, J.Y. *see* Perez, J. 1-35297
- Cavaleri, L. Wave measurement using pressure transducer 1-17702
- Cavaleri, L. Sediment transport in shallow lagoons 1-49258
- Cavaleri, L., Bergamin, G. Wind evaluation in the open sea 1-4590
- Cavaleri, L. *see* Camuffo, D. 1-39852
- Cavaliere, P., Ferrante, G. Particle-atom ionising collisions in the presence of a laser radiation field 1-19191
- Cavallaro, S. *see* Arena, N. 1-50491
- Cavalleri, G. The propagator of stochastic electrodynamics 1-45166
- Cavalleri, G., Spinelli, G. Field-theoretic approach to gravity in the flat space-time 1-5217
- Cavalli, D. *see* Errico, O. 1-23490
- Cavalli-Storza, M. *see* Partridge, R. 1-10207, 1-18483
- Cavallini, A., Gondi, P., Castaldini, A. Shallow dislocation states in Ge. Thermal treatment effects 1-52522
- Cavallini, M. *see* Bovolenti, G. 1-762
- Cavallo, A., Cano, R. Measurement of apparent turbulent temperature fluctuations on the TFR Tokamak 1-38055
- Cavallo, G. Problem concerning the counting of galactic supernovae and similar questions 1-17969
- Cavallo, G. *see* Benford, G. 1-36405
- Cavallo, J.M. *see* Brill, D.R. 1-32780
- Cavallotti, P., Celari, G., Leonardi, B., Gardini, L. Calculation of multicomponent multiphase equilibria 1-35563
- Cavallotti, P., Colombo, D., Ducati, U., Galbiati, E. New electronic materials having electrochemical selectivity, low cost and low overvoltage for electrolytic hydrogen production in sulphuric acid solutions 1-43679
- Cavanagh, E., Cook, W.D. Lens in the nearfield of a circular transducer: Gaussian-Laguerre formulation 1-46603
- Cavanagh, R.C., Renner, W.W. Vertical directionality and depth dependence of averaged acoustic signals and noise 1-11234
- Cavanagh, R.R., Yates, J.T., Jr. Infrared spectra of methyl isocyanide chemisorbed on rhodium 1-14902
- Cavanagh, R.R. *see* Antoniewicz, P.R. 1-8609
- Cavanagh, R.R. *see* Kelley, R.D. 1-2799
- Cavanagh, W.J. *see* Klepper, D.L. 1-37704
- Cavassini, V. *see* Antreasyan, D. 1-10287
- Cavassillas, J.-F. Past-future transformation properties connected with stationary Gauss-Markoff processes 1-9925
- Cavassillas, J.-F. *see* Bazelaire, E. 1-18031
- Cavazza, M. *see* Zandomeni, M. 1-48708
- Cave, J.R. *see* Everts, J.E. 1-47774
- Cave, L. Towards the forging reactor 1-33308
- Cave, S.P. *see* Sutherland, H.J. 1-44165
- Cavedon, J.M. *see* Goutte, D. 1-14443
- Cavell, I.W., Nicholas, M.G. Some observations concerned with the formation of sodium chromite on AISI 316 exposed to oxygenated sodium 1-21769
- Cavell, I.W., Nicholas, M.G. Studies of the formation of sodium chromite on some ferrous alloys and chromium plate exposed to oxygenated sodium 1-21770
- Cavenett, B.C. Optically detected magnetic resonance studies of semiconductors 1-31064

- Cavennet, B.C. Optical detection of exciton resonances in semiconductors 1-47976
- Cavennet, B.C. see Dunstan, D.J. 1-26081
- Cavigliolo, W. see Vlaic, G. 1-28992
- Cavonius, C.R., Estevez, O. Applications of signal-processing methods in visual psychophysics 1-49176
- Cawley, P. see Brownjohn, J.M.W. 1-37861
- Cawley, R. Gauge invariance and the Helmholtz conditions 1-419
- Cawley, R.J., Whittlestone, S. Digital timing walk correction and its application to a time-dependent fast neutron energy spectrum measurement 1-23989
- Cawse, P.A. Studies of environmental radioactivity in Cumbria. IV. Caesium-137 and plutonium in soils of Cumbria and the Isle of Man 1-13189
- Cayrel de Strobel, G. Hyades distance and chemical composition from the competitive use of astrometry, photometry, spectroscopy, and internal structure computation 1-36350
- Cayrel de Strobel, G., Knowles, N., Hernandez, G., Bentolila, C. In search of real solar twins 1-49648
- Cayton, T.E., Vahala, G., Barnes, D.C. A two-term approximation for growth rates of a guiding center screw pinch 1-19937
- Cayton, T.E. see Vahala, G. 1-46918
- Cayzergues, P. see Dubois, J.-E. 1-14788
- Cazabat, A.M. see Pouchelon, A. 1-30519
- Cazals, Y., Aran, J.M., Erre, J.P., Guilhaume, A. Acoustic responses after total destruction of the cochlear receptor: brainstem and auditory cortex 1-53795
- Cazcarra, V., Zunino, P. Influence of oxygen on silicon resistivity 1-2979
- Cazenave, A. see Lago, B. 1-49234
- Cazes, S., Emerich, C. Nonpermanent nighttime H Lyman alpha emissions at low and middle latitudes, detected from the D2A satellite 1-40244
- Cazes, S. see Barker, E. 1-44483
- Cazzanelli, E. see Mariotti, G. 1-8069
- Cazzoli, G., Degli Esposti, C., Favero, P.G. Quadrupole coupling constant of deuterium in $DC^{15}N$ by Lamb dip microwave spectroscopy 1-14871
- Cazzoli, G. see Mirri, A.M. 1-10722
- Caase, M.E. A model of direct contact heat transfer for latent heat energy storage 1-53688
- Ceausescu, V. see Raduta, A.A. 1-45405
- Cebe, J.J. see Wenzel, D.R. 1-33355
- Cebe, L. The MKSA measuring unit system 1-32947
- Cebeci, O.Z. The intrusion of conical and spherical pores in mercury intrusion porosimetry 1-33089
- Cebeci, T., Meier, H.U. Modelling requirements for the calculation of the turbulent flow around airfoils, wings and bodies of revolution 1-1939
- Cebeci, T., Stewartson, K. On the prediction of transition in three-dimensional flows 1-42040
- Cebrian, P.E. Millan see Millan Cebrian, P.E.
- Cebrian, S. Millan see Millan Cebrian, S.
- Cebulka, J.M. see Tiedje, T. 1-30784
- Cecatti, E.R. see de Almeida, C.E. 1-18958
- Cocca, A. Di see Di Cocca, A.
- Ceccarelli, C., Jeffrey, G.A., Taylor, R. A survey of O-H...O hydrogen bond geometries determined by neutron diffraction 1-30129
- Ceccarelli, G. see Andruzzi, F. 1-26737
- Cecchet, G. see Armstrong, T. 1-10606
- Cecchetti, A., Masoli, F., Poppi, M., Soardo, G.P. Rotational power losses in amorphous ferromagnets as a function of frequency 1-12348
- Cecchi, G.C. see Bordin, G. 1-52283
- Cecchi, J. see Owens, D.K. 1-25073
- Cecchi, J. see Suckewer, S. 1-34119
- Cecchi, J. see Ulrickson, M. 1-18893
- Cecchi, J.L. Impurity control in TFTR 1-25023
- Cecchi, R., Marseguerra, M., Morelli, S., Santangelo, R. Search of single long-period oscillations in the daily temperatures 1-32506
- Cecchini, A., Roroi, J.P. Effect of the relief in electrical prospecting 1-54269
- Cecco, V.S. see Van Drunen, G. 1-8522
- Cechak, T. see Musilek, L. 1-6114, 1-20261
- Cecil, F.E., Lek Keah Len, Peterson, R.J. The reaction $^{10}B(d,n)^{11}C$ as an ion temperature plasma diagnostic 1-11595
- Cecil, G., Das Gupta, S., Myers, W.D. Geometrical aspects of relativistic nuclear collisions 1-14542
- Cecil, J.N. see Zurek, A.K. 1-26787
- Cecotti, S. The U(1) problem and translational invariance 1-459
- Cederbaum, L.S., Haller, E., Domcke, W. Effective single-mode Hamiltonian for the calculation of multi-mode Jahn-Teller band shapes 1-7569
- Cederbaum, L.S. see Barth, A. 1-52460
- Cederbaum, L.S. see Domcke, W. 1-29126
- Cederbaum, L.S. see Haller, E. 1-37133
- Cederbaum, L.S. see Koppel, H. 1-19041
- Cederbaum, L.S. see Schirmer, J. 1-24065
- Cederbaum, L.S. see Unwin, R. 1-33500
- Cederberg, A.A. Inelastic electron tunneling spectroscopy: intensity as a function of surface coverage 1-47359
- Cedolin, L., Bazant, Z.P. Effect of finite element choice in blunt crack band analysis 1-24746
- Cehak, A. see Mieniewicz, A. 1-31092
- Cehn, J.J., Cohen, S.C., Polhemus, H.M. A statistical data base of occupational exposures to ionizing radiation in the United States of America for 1975 1-32252
- Celal Sengor, A.M. see Burke, K. 1-27119
- Celani, F. see Bologna, G. 1-28817
- Celantano, F., Gaffuri, A. Electronic clamp device for biological investigations 1-289
- Celasco, M., Masoero, A., Mazzetti, P., Stepanescu, A. Generalized theory of electrical conductivity and current noise for discontinuous metal films over a wide range of temperatures 1-30842
- Celaya, M., Tentori, D. Analysis of speckle correlation variation in hologram interferometry to distinguish rigid body rotations 1-41621
- Celeghini, E., Tarlini, M. Contractions of group representations. I 1-50344
- Celenza, L.S. see Anastasio, M.R. 1-28407, 1-36918
- Celep, Z. On Prandtl's cantilever beam subjected to a bending moment 1-1869
- Celep, Z. On the elastodynamic theory of thick circular plates 1-33928
- Celeri, G. see Cavallotti, P. 1-35563
- Celik, T., Karsch, F., Satz, H. A percolation approach to strongly interacting matter 1-18440
- Cello, R.B. Results from Adone 1-10241
- Cella, A., Lucchesi, M., Pasquini, G. Space-time elements for the shock wave propagation problem 1-11335
- Celle, P.L. La see La Celle, P.L.
- Cellich, W. see Mills, D. 1-31983
- Celmaster, W., Silvers, D. Studies in the renormalization-prescription dependence of perturbative calculations 1-45222
- Celotta, R.J. see Siegmund, H.C. 1-43228
- Celotta, R.J. see Wang, G.-C. 1-47339
- Celotti, G. X-ray diffraction for materials structural characteristics. II. Special and advanced techniques 1-15756
- Celotti, G. see Armigliato, A. 1-17211
- Cembrola, R.J., Stein, R.S. Crystal orientation relaxation studies of polyethylene 1-3810
- Cemic, L., Will, G., Hinz, E. Electrical conductivity measurements on olivines Mg_2SiO_4 - Fe_2SiO_4 under defined thermodynamic conditions 1-20738
- Cemic, L. see Seifert, K.-F. 1-44177
- Cempel, C. Diagnostically oriented measures of vibroacoustical processes 1-41910
- Cena, V. see Mustacchi, C. 1-32044
- Cence, R.J. see Berge, J.P. 1-540
- Cendiak, J. see Puroh, H. 1-39756
- Ceng-da Hu see Hu Ceng-da
- Cenni, R., Dillon, G. On the self-energy expansion for a dilute Fermi gas 1-5224
- Cenni, R., Dillon, G. On the pion exchange contribution to the Δ self-energy in nuclear matter 1-50535
- Center, B.M. see Kripps, L.J. 1-18791
- Center, R.E. High-power, efficient electrically-excited CO lasers 1-10993
- Center, R.E. see Levin, L.A. 1-37469
- Centrella, J. Interacting gravitational shocks in vacuum plane-symmetric cosmologies 1-44425
- Cenys, A. see Matulis, A. 1-16323
- Cenzual, K. see Chabot, B. 1-11721, 1-34282
- Ceperley, D.M., Alder, B.J. The low density phases of the electron gas 1-165
- Cepicla, Z., Bocek, J., Jezkova, M., Porubcan, V., Politzky, G. Photographic data on the Zvolen fireball (EN 270 579, May 27, 1979) and suspected meteorite fall 1-13738
- Ceprelli, G. see Azouit, M. 1-44325
- Ceradini, F. see Hanna, D. 1-41015
- Ceradini, F. see Irion, J. 1-50475
- Cerbone, R.J. see Mallen, A.N. 1-18819
- Cercasor, C. see Cornea, F. 1-1237
- Cercek, M. see Turkey, A. 1-42171
- Cercignani, C. Present status of rarefied gas dynamics approach to the structure of a laser-induced evaporating jet 1-15514
- Cercignani, C. see Arthur, M.D. 1-42072
- Cerez, A. see Vandenberg, M.T. 1-31152
- Cerez, P. Lasers as stable frequency sources 1-36634
- Cerez, P., Brillat, A., Man-Pichot, C., Umez, J. Saturated absorption inside a Fabry-Perot resonator. Applications to spectroscopy and metrology 1-11050
- Cerez, P., Brillat, A., Man-Pichot, C.N., Felder, R. He-Ne lasers stabilized by saturated absorption in iodine at 612 nm 1-36612
- Cereze, A. see Emery, J. 1-7981
- Cerf, A. Atmospheric turbidity over West-Africa 1-22391
- Cerini, D.J., Hays, L.G. Power production from geothermal brine with the rotary separator turbine 1-53553
- Cerisier, P., Finiels, G. Ultrasonic speed and compressibility in the fused-salt mixtures $xNaBr + (1-x)KBr$, $xNaBr + (1-x)NaNO_3$, and $xKBr + (1-x)KNO_3$, and in the reciprocal salt pair $xNa^+ + (1-x)K^+ + yNO_3^- + (1-y)Br^-$ 1-52231
- Cerisier, P. see Saboungi, M.L. 1-12725
- Cermak, A.F. Contactors selection for a nuclear fuel reprocessing plant 1-18866
- Cermak, G.W., von Buseck, C.R., Cervenak, J.G., Blanchard, R.D. Analysis of traffic noise abatement strategies 1-37701
- Cermak, J., Ciha, K., Kucera, J. Diffusion of ^{65}Zn in Al-Zn solid solutions 1-38577
- Cermak, J., Kucera, J., Million, B., Krumpal, J. Self-diffusion of Fe-59 in the Fe-W solid solutions in neighbourhood of the Curie temperature 1-47281
- Cermak, M., Hejdova, H., Hladikova, B. Quantitative determination of minor phases in steels by the X-ray diffraction analysis 1-48768
- Cermak, M., Vyklicky, M., Neuman, J. Explanation of high temperature corrosion of chromium and nickel-chromium steels in presence of burning deposits of mazut 1-12928
- Cermak, M. see Skalny, J. 1-15680
- Cernak, M. see Veis, S. 1-15681
- Cernay, P. see Liska, M. 1-51126
- Cernigoi, C., Gabrielli, I., Grion, N., Pauli, G., Saetta, B., Ricci, R.A., Boccaccio, P., Viesti, G. Energy spectra of single neutrons and charged particles emitted following the absorption of stopped negative pions in 4He 1-50657
- Cernigoi, C., Manzoni, G. Intensity modulation in space and in time of a light beam crossing the same ultrasonic field twice 1-1753
- Cernoch, J., Stihel, Z., Tluoch, J. The influence of a plasticizer on the rheological properties of hard PVC-1 1-48353
- Cernogora, G., Sadeghi, N. Diffusion coefficients of $N^*(D)$ and $N^*(P)$ in N_2 1-2133
- Cernogora, J. see Besson, J.M. 1-35060
- Cernogora, J. see Mollet, F. 1-21266
- Cerny, J. see Aysto, J. 1-10316, 1-45414
- Cerny, J. see Shotter, A.C. 1-33251, 1-51068
- Cerny, V., Cadek, J. Creep, Portevin-LeChatelier effect and dynamic strain ageing in 18Cr-12Ni austenitic stainless steels 1-48426
- Cerofolini, G.F. Quantum and subquantum mechanics 1-101
- Cerofolini, G.F. On the nature of the subquantum medium 1-9910
- Cerofolini, G.F. see Polignano, M.L. 1-34362
- Cerrada, M. see Chabaud, V. 1-50468
- Cerrada, M. see Chabaud, V. 1-10392
- Cerrada, M. see Daur, C. 1-14424, 1-28357
- Cerrito, L. see Barbarino, G.C. 1-28810
- Cerro, C. del see del Cerro, C.
- Cerro, J. del see del Cerro, J.
- Cerro, M. del see del Cerro, M.
- Cerruti, C. see Billery, R. 1-18675
- Cerruti-Sola, M., Scaltriti, F., Blanco, C., Catalano, S., Marilli, R., Rodono, M., Strazzulla, G., Chambliss, C.R. 1977-78 and 1978-79 photoelectric light curves of the RS CVn-type binaries VV Mon, RU Cnc and CQ Aur 1-9575
- Cerruti, S. Risks of injury by electricity in medical locations 1-35847
- Cervellati, R. see Mirri, A.M. 1-10722
- Cervelle, B. see Dollfus, A. 1-22520
- Cervelli, F. see Antreasian, D. 1-10287
- Cervenak, J.G. see Cermak, G.W. 1-37701
- Cesare, L. De see De Cesare, L.
- Cesare, P. di see di Cesare, P.
- Cesare, P. Di see Di Cesare, P.
- Cesareo, R. Analysis of silver alloys by elastic and inelastic scattering of gamma rays 1-48771
- Cesari, F. see Orifiammi, L. 1-50717
- Cesaro, S.N. see Spoliti, M. 1-39699
- Cesaro, S. Nunziante see Nunziante Cesaro, S.
- Cescato, L. see Frejlich, J. 1-40883
- Cesnak, L., Kol, A. Theory of a transformer for measuring losses in superconducting Nb₃Sn tapes at industrial frequencies 1-18245
- Cess, R.D. see Carlson, B.E. 1-49571
- Cess, R.D. see Hamed, S. 1-44290
- Cester, B., Giuricin, G., Mardirossian, F., Mezzetti, M., Predolin, F. First supplement to the catalogue of modern lightcurve synthesis photometric solutions of close binary systems 1-44445
- Ceulemans, A. see Vanquickenborne, I.G. 1-14787
- Ceulener, R., Gilles, M. Identification of the internal motion described by shell-model states - application to the 4He -system 1-28400
- Ceulener, R., Gilles, M. Identification of the internal motion described by shell-model states 1-36910
- Ceuterich, F. see Heremans, K. 1-29149
- Cezairliyan, A., Miiller, A.P. Thermophysical measurements on low carbon 304 stainless steel above 1400K by a transient (subsecond) technique 1-30413
- Cha, E.J., Min, B.G. A new method for the measurement of respiratory impedance and source pressure in humans 1-32286
- Cha-mei Tang see Spargle, P. 1-10962
- Chaabouni, M. see Guerard, D. 1-35205
- Chadabev, E.V., Pavlova, L.I. A five-electrode probe for pseudo-local logging in anisotropic medium with cylindrical interfaces 1-27285
- Chava, T.J. see Milevskii, L.S. 1-30230
- Chaba, A.N. Evaluation of certain lattice sums in arbitrary dimensions 1-5241

- Chabal, Y.J., Rowe, J.E., Zwemer, D.A.** Buckling reconstruction on laser-annealed Si(111) surfaces 1-48200
- Chaban, I.A.** *see* Kashaeva, L.M. 1-12518
- Chaban, N.F., Kuz'ma, Yu.B., Kotovskaya, L.D.** New borides of rare-earth metals with the $W_2Cr_{21}C_6$ type structure 1-15835
- Chaban, N.F.** *see* Kuz'ma, Yu.B. 1-3699
- Chabanel, M., Paoli, D.** Vibrational study of ionic association in aprotic solvents. IV. Activity coefficients of LiNCs and thermodynamics of its dimerization in low dielectric constant solvents 1-31847
- Chabanel, M.** *see* Saur, O. 1-51194
- Chabanenko, V.V.** *see* Zhrebchevskii, D.E. 1-47694
- Chabaud, V., De Groot, J., Hyams, B., Papadopoulos, T., Weillhammer, P., Niczyporuk, B., Rybicki, K., Turala, M., Becker, H., Blana, G., Blum, W., Cerrada, M., Dietl, H., Gallivan, J., Gottschalk, B., Lorenz, E., Lutjens, G., Lutz, G., Manner, W., Notz, D., Richter, R., Stierlin, U., Stringfellow, B., Wagner, F.** Measurement of diffractive 3π production on a polarized target at 17 GeV/c 1-50468
- Chabaud, V.** *see* Daur, C. 1-14424, 1-28357
- Chabaud, V.** *see* Gorlich, L. 1-5656
- Chabaud, V.** *see* Sacharidis, E.J. 1-50469
- Chabay, I.** *see* Dornhaus, R. 1-35048
- Chabert, B.** *see* Jarrigeon, M. 1-7306
- Chabin, M., Gilletta, F.** Theoretical investigation of the ferroelastic domain structure in cesium lead chloride in the monoclinic phase 1-30294
- Chabin, M., Gilletta, F.** Experimental investigation of the ferroelastic domain structure in cesium lead chloride in the monoclinic phase 1-30295
- Chabin, M.S.** The imaging revolution 1-49523
- Chablo, A., Cruickshank, D.W.J.** Possible cyclic triatomic molecules including N_2O and O_3 1-28878
- Chaboche, J.-L., Kaczmarek, H., Raine, P.** Hardening fatigue damage interaction in 316 L steel 1-8339
- Chaboche, J.-L.** *see* Caillaud, G. 1-35341
- Chabot, B., Cenizal, K., Parthe, E.** Sc_4Os and Sc_4Ir_7 with the $Mg_{44}Rh_7$ structure type 1-11721
- Chabot, B., Cenizal, K., Parthe, E.** Nested polyhedra units: a geometrical concept for describing complicated cubic structures 1-34282
- Chabowski, A.J., Bryden-Smith, D.W.** Assessing the strength of in situ Portland cement concrete by internal fracture tests 1-35463
- Chabrat, P.** *see* Bellocq, A.M. 1-29212
- Chabre, Y.** *see* Thoulouze, D. 1-2746
- Chabrier, J.P.** *see* Tabeling, P. 1-51877
- Chacharkar, M.P., Kubanek, F.** Photon induced wavelength dispersive X-ray fluorescence analysis of fluorspar 1-13059
- Chackerian, C., Jr., Guelachvili, G.** Ground-state rotational constants of $^{12}CH_3D$ 1-51202
- Chackerian, C., Jr.** *see* Hahne, G.E. 1-6365
- Chadan, K., De Mol, Ch.** Sufficient conditions for the existence of bound states in a potential without spherical symmetry 1-36519
- Chadda, S., Mallikarjun Rao, S.P.** Electronic simulation of acoustic emission 1-33851
- Chaddah, P., Simmons, R.O.** Effective mass of liquid 3He using the melting curve data 1-20496
- Chadderton, L.T.** *see* Komolov, S.A. 1-7492
- Chadenet, B., Rovani, Y.** Financing of energy investments. Capital and policy requirements of developing countries 1-8651
- Chadha, G.K.** Simplified structure factor for MX_2 -type compounds 1-15747
- Chadi, D.J.** Atomic structure of Si(111) surfaces 1-7438
- Chadi, D.J.** Origins of (111) surface reconstructions of Si and Ge 1-16329
- Chadi, D.J.** Reexamination of the Si(100) surface reconstruction 1-30529
- Chadi, D.J.** Reconstruction at semiconductor surfaces 1-52401
- Chadi, D.J., Chiang, C.** New c-2x8 unit cell for the Ge(111) surface 1-47340
- Chadi, D.J.** *see* Hanson, G.V. 1-8195
- Chadivasi, S., Tsoukalas, J.A., Papadimitrakaki-Chlichia, H., Antonopoulos, J.G., Karakostas, Th., Economou, N.A.** On the high temperature electrical resistivity behaviour of $Cu_{55}Ni_{45}$ alloy 1-30717
- Chadov, A.V., Yakhnin, E.D.** Investigation of the transfer of a liquid from one solid surface to another. I. Slow transfer. Method of approximate calculation 1-7425
- Chadras, B.** *see* Abrahamman, E.O. 1-722
- Chadwick, A.T.** *see* Bush, R.P. 1-35623
- Chadwick, A.V.** *see* Wintersgill, M.C. 1-31086
- Chadwick, K., Ganci, P., Kagan, H., Kass, R., Lobkowicz, F., Melissinos, A.C., Olsen, S.L., Poling, R., Rosenfeld, C., Rucinski, G., Thorndike, E.H., Mueller, J.J., Potter, D., Sannes, F., Skubic, P., Stone, R., Brody, A., Chen, A., Goldberg, M., Horwitz, N., Kandaswamy, J., Kooy, H., Lariccia, P., Monetti, G.C., Alam, M.S., Csorna, S.E., Panvini, R.S., Poucher, J.S., Andrews, D., Berkelman, K., Cabenda, R., Cassel, D.G., DeWire, J.W., Ehrlich, R., Ferguson, T., Gentile, T., Gilchrie, M.G.D., Gittelmann, B., Hartill, D.L., Herrup, D., Herzlinger, M., Kreinick, D.L., Mistry, N.B., Nordberg, E., Perchonok, R., Plunkett, R., Shinsky, K.A., Siemann, R.H., Silverman, A., Stein, P.C., Stone, S., Talman, R., Thonemann, H.G., Weber, D., Bebek, C., Haggerty, J., Izen, J.M., Longuemare, C., Loomis, W.A., Mackay, W.W., Pipkin, F.M., Rohlf, J., Tanenbaum, W., Wilson, R., Sadoff, A.F., Bridges, D.L.** Decay of b-flavored hadrons to single-muon and dimuon final states 1-33192
- Chadwick, K.** *see* Bebek, C. 1-33191
- Chadwick, R.** Developments in design and application of extrusion presses for metal processing 1-35198
- Chae, D.Ghi** *see* Ghi Chae, D.
- Chaffee, F.H., Jr.** The discovery of a gravitational lens 1-40576
- Chaffee, F.H., Jr.** *see* Peterson, R.C. 1-9564
- Chaffin, R.J., Osbourn, G.C.** Measurement of concentrator solar cell series resistance by flash testing 1-17196
- Chaghtai, M.S.Z.** *see* Rahimullah, K. 1-10682
- Chaghtai, M.S.Z.** *see* Zainul Abedeen Kahn 1-45884
- Chaglar, I.** *see* Rice-Evans, P. 1-43207
- Chagnot, B.J.** *see* Beale, W.T. 1-35652
- Chahine, C.** Nonperturbative method for radiative corrections applied to lepton-proton scattering 1-565
- Chahine, C.** Large nonperturbative effects for small x_F in lepton-proton scattering 1-33186
- Chai, B.H.T.** *see* Ozimek, E.J. 1-16529
- Chai, S.K.** *see* Telford, J.W. 1-4593
- Chai, V.W.** *see* Lansing, F.L. 1-17282
- Chai An-Ti** *see* An-Ti Chai
- Chai Cheng-wu, Zheng Yong-hua** Stability analysis of stiffened plate using the compatible elements 1-1850
- Chai Hi Dong** *see* Hi Dong Chai
- Chai-Fu Pan** Osmotic and activity coefficients in dilute potassium chloride solutions at 25°C 1-13036
- Chaichian, M., Hayashi, M., Honkaranta, T.** A second-order OCD effect: quark-quark bremsstrahlung contribution to transverse momentum of lepton pairs 1-18519
- Chaika, M.O.** *see* Solov'ev, L.E. 1-12473
- Chaiken, J., Gurnick, M., McDonald, J.D.** Average singlet-triplet coupling properties of biacetyl and methylglyoxal using quantum beat spectroscopy 1-37241
- Chaiken, J., Gurnick, M., McDonald, J.D.** Statistical analysis of polyatomic quantum beats using the properties of random matrices 1-37242
- Chaiken, J.** *see* Gurnick, M. 1-37240, 1-37312
- Chaikin, P.M.** Transport in quasi-one-dimensional solids 1-42758
- Chaikin, P.M., Craven, R.A., Etemad, S., La Placa, S.J., Scott, B.A., Tomkiewicz, Y., Torrance, J.B., Welber, B.** Commensurate Peierls transition in a quasi-one-dimensional compound: the bromide salt of tetrathiafulvalene (TTF) 1-47624
- Chaikin, P.M., Gruner, G., Engler, E.M., Greene, R.L.** Study of nonlinear electric field effects in tetramethyltetraethylenefulvalene hexafluorophosphate $[TMTSF]_2PF_6$ 1-20712
- Chaikin, P.M.** *see* Azyan, S.B. 1-31332
- Chaikin, P.M.** *see* Egorov, L.P. 1-31331
- Chaikin, P.M.** *see* Epstein, A.J. 1-30730
- Chaikin, P.M.** *see* Gruner, G. 1-47720
- Chaikin, P.M.** *see* Lacro, R.C. 1-30732
- Chaikin, V.I.** *see* Malyutenko, V.K. 1-3485
- Chaikovskii, B.P.** Reduction in contact life of steels 55SMFA and ShKh15 under the action of media 1-3996
- Chaikovskii, B.P., Bondar, N.P.** The influence of preliminary hydrogen absorption on the contact endurance of 20KhN3A steel samples 1-35441
- Chaikovskii, B.P.** *see* Babei, Yu.I. 1-26679
- Chaikovskii, E.F., Kovtun, E.D., Sotnikov, V.T.** Effect of oxygen on the surface ionization of potassium on the tantalum (112) face 1-26356
- Chaikovskii, E.F.** *see* Ryzhikov, V.D. 1-12545
- Chaillet, M.** *see* Pouchan, C. 1-28876
- Chain, E.E., Carver, G.E., Seraphin, B.O.** Highly reflecting molybdenum thin films having significant solar absorptance 1-12594
- Chain, E.E.** *see* Gesheva, K.A. 1-13173
- Chainikov, A.N.** Coefficient of external friction in the pressing of metal powders 1-12684
- Chaix, C., Diot, C., Lasalmonie, A.** The structure of silicon rich precipitates in Ti-30V-xSi alloys—influence of the precipitation on the mechanical properties 1-8309
- Chaix, C., Lasalmonie, A., Costa, P.** Deformation at high temperature of Ti-V and Ti-V-Si BCC alloys 1-16862
- Chak Ki Chuen** *see* Ki Chuen Chak
- Chakalev, K.N.** *see* Kudryavtsev, E.V. 1-46656
- Chakarvarti, S.K., Lal, N., Nagpaul, K.K.** Nuclear statistics with a 'poor man's detector': a laboratory experiment 1-40637
- Chakarvarti, S.K., Nand Lal, Nagpaul, K.K.** Thermal effects on the bulk luminous transmittance and track recording characteristics of dyed cellulose nitrate detectors 1-10594
- Chakhovskii, V.M.** *see* Brailov, V.P. 1-23871
- Chaki, T.K.** *see* Bandyopadhyay, P.C. 1-47997
- Chakkalakal, D.A., Johnson, M.W.** Souliere, M.J., Harper, R.A., Katz, J.L. The role of fluid in the dielectric properties of wet bone 1-13231
- Chakkalakal, D.A.** *see* Johnson, M.W. 1-13230
- Chakkabarti, A., Comtet, A., Viswanathan, K.S.** Static, self-dual, finite action SU(3) gauge fields in the de Sitter space 1-14234
- Chakrabarti, A., Sastry, V.V.S.S.** A note on diffraction by a strip under mixed boundary conditions 1-29185
- Chakrabarti, A., Viswanathan, K.S.** Linear deformations of static self-dual de Sitter solutions and their Prasad-Sommerfield limit 1-23068
- Chakrabarti, A.K.** Consideration of ionic atmosphere in thermodynamic study of liquid alkali metals 1-15787
- Chakrabarti, B.K., Kaski, K., Kertesz, J.** A real-space renormalization group study of correlated percolation 1-44856
- Chakrabarti, C.G.** On statistics and thermodynamics. IV 1-155
- Chakrabarti, J.** *see* Sengupta, P.R. 1-19629
- Chakrabarti, P., Venkatesan, K., Rao, C.N.R.** Structure and bonding in N-methylacetamide complexes of alkali and alkaline earth metals 1-52126
- Chakrabarty, S.K., Subramanian, N.R.** Low-frequency and small perturbation equation for transonic flow past wings 1-46771
- Chakrabarty, D.K., Chakrabarty, P.** On ionization of the lower mesosphere 1-40263
- Chakrabarty, P.** *see* Chakrabarty, D.K. 1-40263
- Chakraborty, S.B.** A model relating low cycle fatigue properties and microstructure to fatigue crack propagation rates 1-7250
- Chakraborty, S.B., Kujore, A., Starke, E.A., Jr.** The effect of ion implantation on cyclic stress-strain response of polycrystalline copper 1-21531
- Chakraborty, S.B., Starke, E.A., Jr., Konopasek, L., Lee, E.W.** The effect of environment and frequency of loading on the fatigue crack propagation of titanium-vanadium alloys 1-39457
- Chakraborty, A.K., Mandal Adhikari, B.** High frequency enhancement by a birefringent lens 1-46237
- Chakraborty, B., Khan, M., Bhattacharyya, B.** Impact of strong radiation on neutral atoms in a plasma background 1-24977
- Chakraborty, B.P.** *see* Gallas, J.A.C. 1-51247
- Chakraborty, D., Mukerji, J.** Characterization of silicon nitride single crystals and polycrystalline reaction sintered silicon nitride by microhardness measurements 1-31597
- Chakraborty, K.G.** Impure Heisenberg systems with biquadratic interactions 1-3135
- Chakraborty, K.G.** Biquadratic coupling in antiferromagnetic lattices 1-25935
- Chakraborty, K.G.** *see* Brahmachari, R. 1-7840
- Chakraborty, N., Sen, D.** Rainbows: threshold behaviour in heavy ion scattering 1-41126
- Chakraborty, S.C.** *see* Das, S.K. 1-9987
- Chakraborty, S.K.** A remark on a cylindrically symmetric rotating metric 1-44800
- Chakraborty, S.K.** *see* Chowdhury, B. 1-33896
- Chakraborty, T.K.** *see* Deb Ray, G. 1-17762
- Chakravarty, R., Madhav Rao, L., Satya Murthy, N.S.** Magnetic moment distributions and form factors in ferromagnetic nickel-ruthenium alloys 1-7812
- Chakravarti, A.N., Chowdhury, A.K., Ghatak, K.P.** Oscillatory electronic heat capacity in inversion layers on (100) oriented p-type Si in a quantizing magnetic field 1-52311
- Chakravarti, A.N., Chowdhury, A.K., Ghatak, K.P., Choudhury, D.R.** Influence of alloy composition on the diffusivity-mobility ratio in n-channel inversion layers on ternary semiconductors 1-3044
- Chakravarti, A.N., Ghatak, K.P., Ghosh, K.K., Ghosh, S., Dhar, A.** Effect of carrier degeneracy on the screening length in n-CdAs, 1-47675
- Chakravarti, A.N.** *see* Choudhury, D.R. 1-3065, 1-38860
- Chakravarti, A.N.** *see* Ghatak, K.P. 1-16249, 1-20759
- Chakravarty, A.S., Basu, S.** Magnetization of a four-sublattice antiferromagnet 1-25907
- Chakravarty, B.** *see* Misra, R. 1-22709
- Chakravarty, S., Rose, J.H., Wood, D.M., Ashcroft, N.W.** Molecular and metallic hydrogen. A unified density functional approach 1-38497

- Chakravarty, S. see Misra, J.C. 1-35807
 Chakravarty, S. see Ting-Kuo Lee 1-20965
 Chakravarty, S. see van Himbergen, J.E. 1-32932
 Chakravarty, S.C. see Das, S.K. 1-20482
 Chakraverty, B.K. Insulating ground state and nonmetal-metal transitions 1-7524
 Chakraverty, B.K. Charge ordering in Fe_2O_4 , Ti_2O_7 and bipolarons 1-12047
 Chakrygin, V.G. see Ivanov, A.G. 1-31976
 Chalabi, L.A. see Al Chalabi, L.
 Chalabayan, M.A. see Pogoyan, Ya.M. 1-3210
 Chaland, G., Remy, L. The influence of slip character on the low cycle fatigue behaviour 1-31651
 Chaland, G. see Remy, L. 1-30247
 Chalapati Rao, Y.V. see Ramamohana Rao, P. 1-51276
 Chalasinska-Macukow, K., Slaby, J., Szoplik, T. Comparison of nonlinear effects in amplitude and phase holograms recorded in photographic materials 1-24372
 Chalasinska-Macukow, K. see Duvernoy, J. 1-37417, 1-46241
 Chalasinski, G., Szalewicz, K. Degenerate symmetry-adapted perturbation theory. Convergence properties of perturbation theory. Convergence properties of perturbation expansions for excited states of H_2^+ ion 1-14980
 Chalasinski, G. see Bulski, M. 1-28869
 Chalbasheva, L.A. see Stoyanov, P.A. 1-45080
 Chalidyshev, V.A. see Grinyanov, S.N. 1-2871
 Chalenko, N.S. see Eryukhina, N.A. 1-5269
 Chalker, J.T. The upper critical dimensionality of a class of structural phase transitions 1-20356
 Challa, G. see Roerdink, E. 1-25416
 Challans, J.C. Optical fibre connectors 1-51620
 Chalton, D. see Olivier, M. 1-48179
 Challis, L.J., Ghazi, A.A., Jefferies, D.J., Wybourne, M.N. Observation of hyperfine splitting of the levels of V^{3+} ions and pairs by photon spectroscopy 1-15970
 Challis, L.J., Ramdani, A. Phonon scattering by chromium ions in GaAs 1-15997
 Challis, L.J. see Ghazi, A.A. 1-15971
 Challis, L.J. see Wybourne, M.N. 1-30494
 Challoner, A.V.J. see Spittle, M.F. 1-26943
 Chalmers, G.A. see Garas, F.K. 1-18780
 Chalmers, J.S. see Dozier, A.K. 1-36966, 1-41141
 Chaloner, C.P. see Thomas, L. 1-44276
 Chalot, J.F. see Comby, G. 1-14759
 Chalot, R. Optimization of crossflow tubular heat exchangers of the parallel-epipedic type. Fundamental results 1-27970
 Chalupka, A. see Wielke, B. 1-12831
 Chalupka, S. Analytical continuation of a three-dimensional gravity field from a spherical surface 1-4406
 Chalupka, S. Analytical continuation of two-dimensional fields 1-4415
 Chalvet, O. see Jacques, P. 1-10667
 Chalyi, A.V. see Lakozha, E.L. 1-10925
 Chalyi, V.T. see Rogov, V.V. 1-15293
 Chalykh, A.E. see Arslanov, V.V. 1-7424
 Chalykh, A.E. see Bartenev, G.M. 1-53478
 Cham, K.M., Wheeler, R.G. Electron-phonon interactions in n-type silicon inversion layers at low temperatures 1-7751
 Chamagua, A.Kh. see Dzhamagidze, Sh.E. 1-35658
 Chamberet, J.P. see Andre, Y.B. 1-41871
 Chamberaud, G., Levy, B., Launay, J.M., Millie, P., Roueff, E., Tran Minh, F. Charge exchange and fine-structure excitation in O-H^+ collisions 1-10835
 Chamberlain, G. see Van Zyl, B. 1-15016
 Chamberlain, G.A., Cooney, P.J., Dennison, S. Photovoltaic properties of merocyanine solid-state photochemicals 1-35654
 Chamberlain, J.W. Changes in the planetary heat balance with chemical changes in air 1-22445
 Chamberlain, M.B. Solid state reaction of titanium and (0001) α -SiC 1-13038
 Chamberlain, R.N. see Holland, D.M.P. 1-46037
 Chamberlain, V.E. see McKerrow, W.S. 1-22263
 Chamberlin, E.P. see McNaughton, M.W. 1-41051, 1-45508
 Chamberod, A. see Barbu, A. 1-43339
 Chamberod, A. see Chamberon, W. 1-30936
 Chambers, A.J. see Antonia, R.A. 1-1926, 1-9199, 1-13507, 1-17673, 1-49314
 Chambers, A.J. see Sokolov, M. 1-29647
 Chambers, B. Resolution enhancement in time domain reflectometry systems 1-40812
 Chambers, F.W. see Lee, E.P. 1-11569
 Chambers, J.A. see McGee, M.G. 1-35917
 Chambers, K.C. see Barrus, D.M. 1-26305
 Chambers, L.G. The total reflection of a sound pulse of arbitrary form 1-29437
 Chambers, R. see Peeler, G.B. 1-45682
 Chambers, R.G. see Berry, M.V. 1-40663
 Chambers, W.G. Quantum bounds on the information capacity of narrow-band free-space links without extraneous noise 1-27813
 Chambless, D.A., Broadway, J.A. Constrained regularization in nuclear spectroscopy 1-45804
 Chambliss, C.R. see Cerruti-Sola, M. 1-9575
 Chambon, B. see Tsan Ung Chan 1-10296
 Chambon, G. see Alekperov, T.A. 1-54441
 Chambron, J. see Constantinesco, A. 1-44056
 Chambron, J. see Demangeat, J.-L. 1-48945
 Chambron, J. see Schwerdt, H. 1-35800
 Chambron, W., Chamberod, A. Quenching effects in a $\text{Fe}_{40}\text{Ni}_{60}\text{P}_{14}\text{B}_6$ amorphous alloy studied by magnetic anisotropy measurements 1-30936
 Chameides, W.L., Davis, D.D. Iodine: its possible role in tropospheric photochemistry 1-40171
 Chamel, A. see Meyer, C.T. 1-11973
 Chaminade, J.-P. see Merchand, P. 1-3470
 Chamis, C.C., Sinclair, J.H. Efficient measurement of shear properties of fiber composites 1-39561
 Chamley, H. see Diester-Haass, L. 1-36053
 Chamorovskii, Yu.K. see Grigor'yants, V.V. 1-6672
 Chamorro, A., Fernandez-Nunez, J. Symmetry vectors and first integrals of dynamical systems 1-44766
 Champagne, A.B., Klopfer, L.E., Anderson, J.H. Factors influencing the learning of classical mechanics 1-27708
 Champagne, L.F., Chang, R.S.F. Transient absorption studies in pure rare gases from 2500 Å to 4000 Å 1-45983
 Champagne, L.F., Palumbo, L.J., Chang, R.S.F. Transient absorption in argon and neon from 2500 Å to 3700 Å 1-42181
 Champier, C. see G'sell, C. 1-12832
 Champier, G. see Blind, J.M. 1-15899
 Champier, G. see Kinoshita, M. 1-53201
 Champier, G. see Michel, J.P. 1-11765
 Champion, J. see Madden, P.A. 1-30023
 Champion, J.R. see Bierschbach, J.A. 1-10006
 Champion, J.V., Dandridge, A. Rayleigh-Brillouin scattering from a series of liquid polyisobutylenes 1-48100
 Champion, P.M., Lange, R. On the quantitation of light emission from cytochrome c in the low quantum yield limit 1-28982
 Champion, R.L. see Annis, B.K. 1-14990
 Champion, R.L. see Haywood, S.E. 1-33542
 Champness, C.H. see Gautier, P. 1-35193
 Champness, C.H. see Housin, M. 1-7635
 Champness, C.H. see Shih, I. 1-35166
 Champness, C.H. see Shyamprasad, N.G. 1-38808
 Champness, C.H. see Swell, P.B. 1-7478
 Champy, M., Wilk, A., Pharak, P., Meyrueis, P., Grosman, M., Liegeois, C. Accurate ionics studies of osteosynthesis of jaws 1-8962
 Chamrad, B. Rigis irradiation testing of structural materials in the VVR-S nuclear reactor 1-33300
 Chamrov, V.A. see Indenbom, V.I. 1-1595, 1-3218, 1-7176, 1-30016
 Chamseddine, A.H., Nicolai, H. Coupling the SO(2) supergravity through dimensional reduction 1-14053
 Chan, A.H., Paul, D.R. Effect of sub- T_g annealing on CO_2 sorption in polycarbonate 1-30566
 Chan, A.K.F., Hilliard, J.C., Jones, A.R., Weinberg, F.J. An electrically efficient, finely tunable, low-power plasma generator 1-25006
 Chan, A.W., Sanders, J.L., Jr. Analysis of a mitered joint in a cylindrical shell in bending 1-33908
 Chan, C. see Cameron, T.S. 1-20133
 Chan, C.C., Pace, M.O., Christophorou, L.G. DC breakdown strengths of some multicomponent gas mixtures in concentric cylinder geometries 1-7032
 Chan, C.C. see Leung, W.P. 1-30324
 Chan, C.K., Lu, P. Inversion problem including a long-ranged potential in the generalized WKB method 1-5160
 Chan, C.K., Lu, P. Construction of a symmetric potential barrier from tunneling transmission coefficients 1-14795
 Chan, C.K., Lu, P. The generalized Jeffreys-Born integral 1-19152
 Chan, C.K., Lu, P. On the stability of the solution of Abel's integral equation 1-44776
 Chan, C.K. see Lu, P. 1-9871
 Chan, D.Y.C., Henry, J.D., Jr., White, L.R. The interaction of colloidal particles collected at fluid interfaces 1-48744
 Chan, D.Y.C., Mitchell, D.J., Ninham, B.W., Pailthorpe, B.A. Solvent structure in particle interactions. Low pressure effects and analytic limits 1-11651
 Chan, D.Y.C. see Carnie, S.L. 1-7709, 1-42272, 1-46965, 1-47731
 Chan, F.H.Y. see Ma, R.Y.P. 1-4376
 Chan, F.T., Lieber, M., Foster, G. Applications of the Glauber and eikonal approximations to atomic collisions 1-33565
 Chan, H.C. see Tseung, A.C.C. 1-43736
 Chan, H.-P. see Chen, C.S. 1-26988
 Chan, K. see Venugopalan, M. 1-34179
 Chan, K.C., Yadigaroglu, G. Dynamic response of heat exchangers to flow and temperature perturbations 1-28544
 Chan, K.H. see Persnick, S.D. 1-11169
 Chan, K.K. see Safinya, K.A. 1-24275
 Chan, K.L., Henriksen, R.N. On the supersonic dynamics of magnetized jets of thermal gas in radio galaxies 1-22880
 Chan, K.L. see Bridle, A.H. 1-44633
 Chan, K.S., Lee, J.K., Aaronson, H.I. Kaufman approach calculations of partial phase diagrams amongst Th, U, Np and Pu 1-12718
 Chan, L. see Gordon, R.E. 1-8956
 Chan, P.C.-H., Leal, L.G. An experimental study of drop migration in shear flow between concentric cylinders 1-29738
 Chan, P. Ching Ho see Ching Ho Chan, P.
 Chan, R.H. see Bollinger, J.G. 1-41919
 Chan, S.H., Gossler, A.A., Cho, D.H. Radiative shape factors and heat fluxes in an uncovered LWR core 1-45679
 Chan, S.H., Kocamustafogullari, G. An assessment of the effect of nonequilibrium mass transfer on HCDA radiological consequences 1-5969
 Chan, S.H. see Chawla, T.C. 1-1970, 1-5973, 1-24800
 Chan, S.H. see Cheung, F.B. 1-1962
 Chan, S.I. see Bocian, D.F. 1-13217
 Chan, S.L., Rogers, S.J., Shaw, C.J., Wiederick, H.D. The effects of hot phonon irradiation on the superconducting transition of thin aluminium films 1-16406
 Chan, S.S., Marcyk, G.T., Streetman, B.G. Electrical properties and photoluminescence studies of Ge-implanted GaAs 1-47646
 Chan, S.T., Gresho, P.M., Lee, R.L. Simulation of LNG vapour spread and dispersion by finite element methods 1-32063
 Chan, T.L., Schreck, R.M., Lippmann, M. Effect of the laryngeal jet on particle deposition in the human trachea and upper bronchial airways 1-49037
 Chan, V. see Campbell, G.A. 1-50704
 Chan, V.S., Chiu, S.C., Ohkawa, T. Electron heating by lower hybrid waves in the presence of magnetic fluctuations 1-6957
 Chan, V.S. see Hsu, J.Y. 1-6962
 Chan, W.H., Vet, R.J., Lusis, M.A., Hunt, J.E., Stevens, R.D.S. Airborne sulfur dioxide to sulfate oxidation studies of the INCO 381 m chimney plume 1-35728
 Chan, W.H., Vet, R.J., Lusis, M.A., Hunt, J.E., Stevens, R.D.S. Airborne estimation of particulate emissions from stacks: a feasibility study 1-35734
 Chan, W.K., Webb, W.W. Possible martensitic transformation in hydrated phospholipid liquid crystals 1-34464
 Chan, W.K., Webb, W.W. Determination of the permeation coefficient in a lyotropic smectic liquid crystal by annealing elementary edge dislocations 1-52062
 Chan, W.S. Focal plane architecture: an overview 1-5377
 Chan, Y.D. see Sarantides, D.G. 1-45771
 Chan, Y.-L.A. see Kobayashi, A.S. 1-39551
 Chan, Y.N.I. see Chevray, R. 1-2059
 Chan Chung see Chung Chan
 Chan De-qin see Tang Xian-de 1-53211
 Chan Eu Byung see Byung Chan Eu
 Chan Hai Guin, K.M.P., Savinkov, A.I., Shaskolskaya, M.P. Plastic strain and dislocation structure of the KDP group crystals 1-20231
 Chan Hong-Mo Theoretical implications of narrow hadron states 1-10177
 Chan Hong-Mo, Hogaasen, H. Pair annihilation effects in multi-quark spectroscopy 1-28286
 Chan Hyoung Kang, Duk N. Yoon Coarsening of cobalt grains dispersed in liquid copper matrix 1-53182
 Chan Hyoung Kang, Sun-Chae Maeng Structure and mechanical properties of 0.25C-Ni-Cr-Mo-V steel 1-12743
 Chan Jong-Mo, Tsou Sheung Tsun On the characterization of monopoles in non-Abelian gauge theories 1-5495
 Chan Man Sze see Man Sze Chan
 Chan Man-Loong see Man-Loong Chan
 Chan So Han, Mann Jang Park, Sung Ho Choh, Ghoon Il Yoon, Hyung Shik Kim A self-made sample vibrating magnetometer and magnetometric study of Korean iron ores 1-49425
 Chan Te-Chang see Te-Chang Chan
 Chan Tsan Ung see Tsan Ung Chan
 Chan Van Kuin see Kessenikh, G.G. 1-7263
 Chan Van Syn see Van Syn Chan
 Chan Wang Ling-Lie see Ling-Lie Chan Wang
 Chan-Hyung Kang see Dow-Bin Hyun 1-53181
 Chan-Tung, N. see Bechtold, V. 1-28767
 Chan-Zuy-Khuong see Vadin, A.I. 1-602
 Chanana, G.A., Margon, B., Downes, R.A. Optical identification of serendipitous Einstein sources: 19 X-ray-selected active galactic nuclei 1-49859
 Chanana, A.D. see El-Naggar, A.M. 1-43908
 Chance, B., Mueller, P., De Vault, D., Powers, L. Biological membranes 1-8826
 Chance, K.V., Brasunas, J.C., Traub, W.A. Far infrared measurement of stratospheric HCl 1-17651
 Chance, R.R., Shand, M.L., Hogg, C., Silbey, R. Three-wave mixing in conjugated polymer solutions: two-photon absorption in polydiacetylenes 1-19224
 Chance, R.R. see Baughman, R.H. 1-13000
 Chance, R.R. see Shacklette, L.W. 1-11697

- Chand, D. *see* Singh, V.P. 1-37965
- Chand, N. *see* Gupta, A.K. 1-7305
- Chanda, R., Roy, P. Compositeness resolution and baryon non-conservation 1-50364
- Chandehari, M.H. Anodic behavior of cemented WC-6% Co alloy in phosphoric acid solutions 1-21630
- Chandesaris, D., Krill, G., Maire, G., Lecante, J., Petroff, Y. Resonant valence band satellite in palladium 1-52476
- Chandley, C. *see* Berg, D. 1-28320
- Chandley, C. *see* Collick, B. 1-45290
- Chandley, C. *see* Jonckheere, A. 1-51013
- Chandler, C. The Coulomb problem. A selective review 1-49972
- Chandler, D. Structures of molecular liquids 1-11667
- Chandler, D. *see* Montgomery, J.A., Jr. 1-12980
- Chandler, D. *see* Pratt, L.R. 1-7066, 1-8599
- Chandler, D. *see* Rosenberg, R.O. 1-8541
- Chandler, D.W., Ewing, G.E. Transfer and storage of vibrational energy in liquids: liquid carbon monoxide and its solutions with argon 1-35082
- Chandler, D.W., Ewing, G.E. Transfer and storage of vibrational energy in liquids: liquid nitrogen and its solutions with carbon monoxide 1-37234
- Chandler, E.T., Gregory, E.A., Siddles, R.M., Simpson, C.J.S.M. Vibrational energy exchange between CO($v=1$) and $^{14}\text{N}_2$ and CO($v=1$) and $^{15}\text{N}_2$ measured to 60K in the gas phase 1-51274
- Chandler, G.I., II Grounding, shielding, and transient simulation techniques developed for the control and data acquisition system on the ZT-40 reversed field pinch 1-6007
- Chandler, G.S., Phillips, R.A. Spin density in the CoCl_4^{2-} ion 1-6136
- Chandler, G.S., Spackman, M.A., Varghese, J.N. Pseudatom expansions of the H_2 electron density 1-1067
- Chandler, P.J., Lilley, E. A three-wire iron/copper/constantan linear thermocouple 1-36658
- Chandler, W.L. *see* Lloyd, L.B. 1-18301
- Chandna, O.P., Chew, K.T. Viscous transverse-aligned MHD flows 1-11474
- Chandna, O.P. *see* Barron, R.M. 1-42100
- Chandola, V.K., Loyalka, S.K. Prediction of gap conductance and temperature transients in MPD experiments 1-50822
- Chandra, B. *see* Johri, G.K. 1-33454
- Chandra, B.P. Piezo-induced mechanoluminescence and photoluminescence of triphenylamine crystals 1-12564
- Chandra, B.P., Elyas, M., Shrivastava, K.K., Verma, R.D. Mechanoluminescence and piezoelectric behaviour of monoclinic crystals 1-43196
- Chandra, B.P., Verma, R.D. Mechanoluminescence of halogenate crystals 1-52995
- Chandra, B.P., Zink, J.I. Mechanical characteristics and mechanism of the triboluminescence of fluorescent molecular crystals 1-35104
- Chandra, D., Siemens, R.E. Electron-optical characterization of laterites treated with a reduction-roast/ammoniacal-leach system 1-13055
- Chandra, D. *see* Wiedemeier, H. 1-34266
- Chandra, H., Embury, J.D., Kocks, U.F. Structural aspects of dynamic recovery at large plastic strains 1-16804
- Chandra, H. *see* Sethia, G. 1-44386
- Chandra, H. *see* Vyas, G.D. 1-44360
- Chandra, J., Kumar, R. Flexural vibrations of finite cylindrical shells of various wall thicknesses. II 1-29589
- Chandra, N. *see* Tsilik, J.E. 1-13357
- Chandra, P., Coldren, L.A., Strege, K.E. Refractive index data from $\text{Ga}_{1-x}\text{In}_x\text{As}_{1-y}\text{P}_y$ films 1-35106
- Chandra, R., Bjarnman, S., Ericsson, T., Hagstrom, L., Wilkinson, C., Wappling, R., Anderson, Y., Rundqvist, S. A Mossbauer and X-ray study of $\text{Fe}_2\text{P}_{1-x}\text{B}_x$ compounds ($x < 0.15$) 1-26087
- Chandra, R. *see* Garg, H.P. 1-43802
- Chandra, R. *see* Krishnamurthy, A. 1-28815
- Chandra, R. *see* Tilbury, R.S. 1-17496
- Chandra, S. Elastic constants of phlogulocinol dihydrate by X-ray diffraction scattering 1-34393
- Chandra, S., Jaiswal, A.K., Mishra, R.K. Unusual monotropic liquid crystalline behaviour in dimethylamino substituted Schiff bases 1-15796
- Chandra, S., Maeda, K. A search for correlation between geomagnetic activity and stratospheric ozone 1-22396
- Chandra, S., Pandey, R.K., Agrawal, R.C. Solar energy conversion using CdSe photoelectrochemical cells with low cost substrates 1-4209
- Chandra Narayanan, S. *see* Ray, R.K. 1-26498
- Chandra Shekhar, M. *see* Dayanand, C. 1-48007
- Chandra Singh, U. *see* Venuvalingam, P. 1-46115
- Chandra Singh Prakash *see* Prakash Chandra Singh
- Chandramani, R., Devaraj, N., Indumathy, A., Ramakrishna, J. Study of internal motions in 2,5-dichloro-3,6-dihydroxy-p-benzoquinone using NQR 1-33476
- Chandramani, R., Devaraj, N., Sridharan, K.R., Sastry, V.S.S., Ramakrishna, J. Zeeman effect of chlorine nuclear quadrupole resonance and hydrogen bonding in 2,6-, 2,5- and 3,5-dichlorophenols 1-21077
- Chandramohan, T., Clavelli, L. Second order QCD contributions to thrust and sphericity 1-573
- Chandran, K.B. *see* Yearwood, T.L. 1-49035
- Chandran Iyer, R., Sharma, L.K. Three-body problem for a generalized power potential 1-36522
- Chandrasekaran, M. *see* Lovey, F.C. 1-38389
- Chandrasekaran, S. *see* Yue, H. 1-17052
- Chandrasekaran, S.K., Campbell, P.S., Watanabe, T. Application of the 'dual sorption' model to drug transport through skin 1-32083
- Chandrasekhar, H.R., Chandrasekhar, M., Manghani, M.H. Phonons in $\text{TiO}_2\text{-SiO}_2$ glasses 1-8060
- Chandrasekhar, H.R. *see* Burns, G. 1-3404
- Chandrasekhar, H.R. *see* Chandrasekhar, M. 1-25392, 1-48061
- Chandrasekhar, M., Chandrasekhar, H.R., Grimditch, M., Cardona, M. Study of the localized vibrations of boron in heavily doped Si 1-25392
- Chandrasekhar, M., Chandrasekhar, H.R., Grimditch, M.H., Cardona, M. Localized vibrations of boron in heavily doped Si(B) 1-48061
- Chandrasekhar, M. *see* Chandrasekhar, H.R. 1-8060
- Chandrasekhar, R., Madhusudhana Rao, D.N., Ramana, K.V.V. The latitudinal variation of ionospheric absorption 1-40265
- Chandrasekhar, R. *see* Gaikwad, M.G. 1-21105
- Chandrasekhar, S. Edward Arthur Milne: his part in the development of modern astrophysics 1-44
- Chandrasekhar, S. The gravitational perturbations of the Kerr black hole. IV. The completion of the solution 1-4936
- Chandrasekhar, S. The general theory of relativity: the first thirty years 1-5172
- Chandrasekhar, S. An introduction to the theory of the Kerr metric and its perturbations 1-18108
- Chandrasekhar, S., Madhusudana, N.V. Liquid crystals 1-38271
- Chandrasekhar, S. *see* Frank, F.C. 1-20051
- Chandrasekhara, B.C., Rudraiah, N. MHD flow through a channel of varying gap 1-19814
- Chandrasekharaiah, D.S. On generalised thermoelastic wave propagation 1-1875
- Chandrasekharaiah, M.S. *see* Das, D. 1-53399
- Chandrasekharan, V., Tabisz, G.C. Resonance and dispersion energies and the point-dipole model of atomic pair polarizability 1-6132
- Chandrasekharan, V. *see* Kobashi, K. 1-38483
- Chandrasekhar, M. *see* Wong, F.C. 1-5267
- Chandrasekhar, G.V., La Placa, S.J. New fast ion conductors 1-52341
- Chandrasekhar, G.V. *see* Burns, G. 1-3404
- Chandrasekhar, G.V. *see* Foster, L.M. 1-26430
- Chandratilake, M.R., Newton, G.W.A., Robinson, V.J., Rodgers, M.A.J. Radiation-induced emission of F_2 centres in KCl 1-31175
- Chandratreya, S.S. *see* Nakamura, Y. 1-48305
- Chandross, E.A. *see* Barns, R.L. 1-11202
- Chane, J.P. *see* Hollan, L. 1-47408
- Chaney, R.C. Self-consistent energy band structure of magnesium fluoride using the LCAO method 1-16228
- Chang, A. *see* Glaunsinger, W.S. 1-38925
- Chang, A.C., Cleary, J.R. Scattered PKPK: further evidence for scattering at a rough core-mantle boundary 1-40103
- Chang, A.C., von Seggern, D.H. A study of amplitude anomaly and m_2 bias at LASA subarrays 1-9104
- Chang, A.T.C., Atwater, S.G., Salomonson, V.V., Estes, J.E., Simonett, D.S., Bryan, M.L. L-band radar sensing of soil moisture 1-9153
- Chang, B.D., Wong, S.S.M. A program to evaluate closed diagrams algebraically for angular momentum coupled product operators 1-5138
- Chang, B.J. Dichromated gelatin holograms and their applications 1-6514
- Chang, B.J., Winick, K. Silver-halide gelatin holograms 1-15128
- Chang, C. Multiple mode mass spectrometry: a general review 1-45068
- Chang, C.A. Low-temperature growth of silicon-on-sapphire for device use 1-8235
- Chang, C.A. *see* Saris, F.W. 1-38673
- Chang, C.-A., Chou, N.J. Ambient effects on the out-diffusion of GaAs through thin gold films 1-30487
- Chang, C.-A., Serrano, C.M., Chang, L.L., Esaki, L. Studies by cross-sectional transmission electron microscope of InAs grown by molecular beam epitaxy on GaAs substrates 1-11987
- Chang, C.-A. *see* Chang, L.L. 1-47735
- Chang, C.-A. *see* Mendez, E.E. 1-52916
- Chang, C.C. *see* Adams, A.C. 1-7490
- Chang, C.C. *see* Anderson, B.D. 1-41109
- Chang, C.C. *see* Barber, D. 1-14407
- Chang, C.C. *see* Barber, D.P. 1-534, 1-28309
- Chang, C.C. *see* Cowley, A.A. 1-23658, 1-23661
- Chang, C.C. *see* Hanlon, J. 1-18464
- Chang, C.C. *see* Kitagaki, T. 1-18467
- Chang, C.C. *see* Murarka, S.P. 1-16915
- Chang, C.H. *see* Liang, K.S. 1-30061
- Chang, C.K. *see* Francis, A.J. 1-832
- Chang, C.L., Drake, J.F., Gladd, N.T., Liu, C.S. Unstable dissipative drift modes in a sheared magnetic field 1-11548
- Chang, C.N., Liu, Y.C., Huang, S.L., Yeh, S.C. The binding change effect on the K-shell ionization by 0.3-0.7 MeV/amu deuterons and alpha particles 1-10817
- Chang, C.S., Hazeltine, R.D. Impurity transport in the collisional regime for large poloidal variations 1-29838
- Chang, C.T.M. The effects of material parameters and drive field on the magnetization angles of implanted garnet films 1-7917
- Chang, C.Y., Murtha, M.J., Burnet, G. Environmental significance of power plant fly ash 1-35733
- Chang, C.Y. *see* Berger, C. 1-5636, 1-10209
- Chang, C.Y. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Chang, C.Y. *see* Hanlon, J. 1-18464
- Chang, C.Y. *see* Kitagaki, T. 1-18467
- Chang, D. *see* Michael, L.H. 1-4252
- Chang, D.P.H., Hill, R.C. Retardation of aqueous droplet evaporation by air pollutants 1-17639
- Chang, E.S. Modified effective-range theory for electron scattering from molecules 1-46118
- Chang, F.H. *see* Kline, R.A. 1-48475
- Chang, F.-S. *see* Porter, L.D. 1-32367
- Chang, H., Hirsimann, C., Kanchisa, M., Balkanski, M. A study of the phonon sidebands in emission spectra of $\text{GaAs}_{1-x}\text{P}_x$ 1-48144
- Chang, H., Sastri, S., Alexander, B. Reply to comment on 'A comparison of enthalpy change ΔH between $\alpha\text{-}\gamma$ and $\alpha\text{-}\gamma$ transformation in Fe-Ni alloys' 1-53174
- Chang, H.J. *see* Hwang, H.L. 1-52447
- Chang, H.R., Reisinger, H., Schaffler, F., Scholz, J., Wiesinger, K., Koch, F. Developments in subband spectroscopy 1-48067
- Chang, I.F., Sai-Halasz, G.A. Investigation of energy traps and phosphorescence in zinc silicate phosphors by photostimulated emission 1-35084
- Chang, J.J., Carroll, J.D. Three are not enough: an INDSCAL analysis suggesting that color space has seven (± 1) dimensions 1-53790
- Chang, K.J., Lee, K.C. A new method of analysing critical behaviour of high-temperature series in a finite field 1-42967
- Chang, K.L. Topological solitons and magnetic monopoles 1-5502
- Chang, L.L. Molecular beam epitaxy 1-48266
- Chang, L.L. Semiconductor-semimetal transitions in InAs-GaSb superlattices 1-52609
- Chang, L.L., Esaki, L. Semiconductor superlattices by MBE and their characterization 1-2417
- Chang, L.L., Esaki, L. Electronic properties of InAs-GaSb superlattices [and MBE] 1-7720
- Chang, L.L., Kawai, N.J., Mendez, E.E., Chang, C.-A., Esaki, L. Semimetallic InAs-GaSb superlattices to the heterojunction limit 1-47735
- Chang, L.L. *see* Chang, C.-A. 1-11987
- Chang, L.L. *see* Guldner, Y. 1-31131
- Chang, L.L. *see* Mendez, E.E. 1-52916
- Chang, L.L. *see* Voisin, P. 1-52920
- Chang, M. *see* Padikal, T.N. 1-22128
- Chang, M.B., Garmire, E. Amplification in cleaved-substrate lasers 1-1566
- Chang, N.S., Matsuo, Y. Propagation characteristics of light wave in a periodically corrugated dielectric film 1-1729
- Chang, N.S. *see* Ikuzawa, Y. 1-21028
- Chang, P.H.P., Penner, S.S. Determinations of turbulent velocity fluctuations and mean particle radii in flames using scattered laser-power spectra 1-33948
- Chang, P.H.P., Penner, S.S. Particle-size measurements in flames using light scattering: comparison with diffusion-broadening spectroscopy 1-34002
- Chang, R. A Monte Carlo atomistic simulation of grain boundaries 1-2467
- Chang, R.K. *see* Benner, R.E. 1-34578, 1-35056
- Chang, R.K. *see* Dornhaus, R. 1-35048
- Chang, R.P.H. *see* Ono, M. 1-2182, 1-2209
- Chang, R.S.F. The influence of diluent gas on the ArF^* fluorescence yield 1-37251
- Chang, R.S.F. *see* Champagne, L.F. 1-42181, 1-45983
- Chang, S. *see* Aronowitz, S. 1-49489
- Chang, S. *see* Bunch, T.E. 1-40436
- Chang, S.C. *see* Stevenson, D.A. 1-39250
- Chang, S.J., Gavenda, J.D. Low-field magnetoacoustic dispersion in metals 1-3024
- Chang, S.-L. Determination of the three-dimensional lattice mismatch in quaternary III-V liquid phase epitaxial layers using simultaneous Bragg diffraction of X-rays 1-38675
- Chang, T., Li, F.Y. Pulsed dye laser with grating and etalon in a symmetric arrangement 1-11011
- Chang, T.N. Photoionisation of helium to $\text{He}^+(n=2)$ 1-6214
- Chang, T.Y., Suzuki, H., Reich, M. A finite element model for elastic and slip responses of fusion magnets 1-19595

- Chang, V., Bolsaitis, P. A study of two binary eutectic aluminum alloys as selective absorbers for solar photothermal conversion 1-32045
- Chang, V., Riquet, J.P., Durand, F. Heat measurements on solidification of aluminium-nickel alloys in chill moulds and sand moulds 1-26446
- Chang, W., Henkin, R.E. Seven-pinhole multigated tomography and its application to deep-pool imaging: technical parameters 1-4360
- Chang, W.C., Mishra, S., Bray, R. Acoustic impulse generation by piezoelectric shock in acoustoelectric phonon domains 1-16320
- Chang, W.C., Mishra, S., Bray, R. Surface Brillouin scattering: comparison of resonant elasto-optic and ripple mechanisms 1-48096
- Chang, W.J. see Buckmaster, H.A. 1-26034
- Chang, W.P. see Lee, C. 1-6787
- Chang, Y.A. see Sharma, R.C. 1-48328
- Chang, Y.W., Asaro, R.J. An experimental study of shear localization in aluminium-copper single crystals 1-25294
- Chang, Y.W., Givilds, J. Validation of primary containment computer codes 1-33320
- Chang, Y.Y., Loyalka, S.K. Burnup calculations in square lattice cell 1-10414
- Chang, Y.Y., Loyalka, S.K. Reactor fuel burnup calculation for a square lattice cell 1-45583
- Chang, Z.P., Barsch, G.R. Pressure dependence of elastic constants and of shear mode instability for Nb₃Sn 1-11800
- Chang Chao-hsi see Chao-hsi Chang
- Chang Chenpin see Chenpin Chang
- Chang Gou-ping see Wang Yang-yuan 1-30852
- Chang Ho Nam see Ho Nam Chang
- Chang Jen Shih see Jen Shih Chang
- Chang Jen-Shih see Jen-Shih Chang
- Chang Jen-Shing see Jen-Shing Chang
- Chang Jhy-Jiun see Jhy-Jiun Chang
- Chang Joon-Sung see Joon-Sung Chang
- Chang Kai-hsiung, Wang Hsiang Temperature measurement of p-n junctions using forward voltage characteristics 1-23237
- Chang Kaung Jain see Kaung Jain Chang
- Chang Kwon Hwangbo, Hong Jin Kong, Sang Soo Lee Inhomogeneous wire explosion in water 1-46942
- Chang Lay-Nam see Lay-Nam Chang
- Chang Long-Chun see Jin Long-Huan 1-25164
- Chang Man On coupling equation of wave propagation in the inhomogeneous plasma 1-46867
- Chang Mau-chung see Mau-chung Chang
- Chang Mian see Zhao Honggang 1-24042
- Chang Mingteh see Mingteh Chang
- Chang Ngee-Pong see Ngee-Pong Chang
- Chang Shau-Jin see Shau-Jin Chang
- Chang Tao see Tao Chang
- Chang Tong Choi Nuclear power program in Korea 1-5900
- Chang Van see Van Chang
- Chang W. Song, Man S. Kang, Juong G. Rhee, Levitt, S.H. The effect of hyperthermia on vascular function, pH, and cell survival 1-53760
- Chang Wu Lu see Wu Lu Chang
- Chang Yu-hua see Li Xing-hong 1-32188
- Chang Yun see Yun Chang
- Chang Zhi-fang see Wang Ye-ning 1-48404
- Chang-gi Cao see Cao Chang-gi
- Chang-hua Tan see Tan Chang-hua
- Chang-lin Guo see Guo Chang-lin
- Chang-lin Kuo see Kuo Chang-lin
- Chang-Lai Wey, Cone, R.A., Edidin, M.A. Lateral diffusion of rhodopsin in photoreceptor cells measured by fluorescence photobleaching and recovery 1-39909
- Chang-Ling Wang see Wang Chang-Ling
- Chang-Qi Cao see Cao Chang-Qi
- Chang-Rim Lee, Aoki, H., Kamimura, H. Lattice-gas theory of order-disorder transitions in the first-stage graphite-alkali intercalation compounds 1-7123
- Chang-Sung Joo, Jung-Woong Ra, Sang-Yung Shin Edge diffraction by right-angled dielectric wedge 1-19244
- Chang-Xiao He see He Chang-Xiao
- Chang-Yeul Chl, Shang-Hoon Kim Optimal control of a nuclear reactor with distributed parameters. II. Approximate solution by using singular perturbation theory 1-815
- Chang-Yi Liu see Liu Chang-Yi
- Changgeng Cui see Cui Changgeng
- Changlin Guo see Guo Changlin
- Changnon, S.A., Jr. More on the La Porte anomaly: a review 1-22384
- Changzhen Wang see Wang Changzhen
- Chanh Khe, N., Shimizu, I., Inoue, E. Binder functionality in the zinc oxide-resin photo-receptor layer 1-33070
- Chanin, L.M. see Kuehn, D.G. 1-40892
- Chanin, M.-L. see Hauchecorne, A. 1-4633
- Chanin, M.-L. see Jegou, J.-P. 1-36091
- Chanmugam, G. Cyclotron absorption in accreting magnetic white dwarfs 1-49640
- Channell, J.E.T., Freeman, R., Heller, F. Magnetic properties of Swiss flysch 1-4423
- Channell, J.E.T. see Van Der Voo, R. 1-13397
- Channin, D.J. High data-rate modulation of laser diodes 1-37537
- Channin, D.J., Olsen, G.H., Ettenberg, M. Self-oscillations and dynamic behavior of aged InGaAsP laser diodes 1-46347
- Chant, N.S. see Carey, T.A. 1-36938
- Chant, N.S. see Nadsen, A. 1-5782
- Chant, N.S. see Wang, C.W. 1-5759
- Chanteranne, J. Superplastic forming of the TA 6 V titanium alloy for the manufacture of pressure reservoirs 1-28012
- Chantikul, P. see Lawn, B.R. 1-43624
- Chantranuvattana, B. see Dalton, C. 1-37944
- Chantre, A., Bois, D. Deep level optical spectroscopy in GaAs 1-47543
- Chantre, A. see Nouailhat, A. 1-30671
- Chantrell, R.W. see O'Grady, K. 1-12358
- Chantry, G.W. see Afsar, M.N. 1-36679
- Chantry, P.J. Complementarity theorem for position-dependent electron velocity distributions 1-38047
- Chantry, P.J. see Chen, C.L. 1-37337
- Chantry, P.J. see Wootton, R.E. 1-6921
- Chanturishvili, L.S., Gajdos, V. The magnetic field of a direct current in geoelectric resistivity measurements 1-4416
- Chanussot, G., En Naoui, A., Bilbault, J.M. CW and flash photoelectrolysis of the water using ferroelectric anodes. III 1-26839
- Chanussot, G. see Hafid, L. 1-26220
- Chanussot, G. see Vitton, J.P. 1-21112
- Chanzy, H., Peguy, A., Chaunis, S., Monzie, P. Oriented cellulose films and fibers from a meso-phase system 1-3691
- Chanzy, H. see Bulcon, A. 1-15812
- Chao, A.W. Evaluation of radiative spin polarization in an electron storage ring 1-51004
- Chao, A.W., Richter, B., Yao, C.-Y. Beam emittance growth caused by transverse deflecting fields in a linear accelerator 1-23874
- Chao, B. Feng see Feng Chao, B.
- Chao, C.C., Lee, J.C. Vibration of eccentrically stiffened laminates 1-19626
- Chao, E.Y., An, K.N., Askew, L.J., Morrey, B.F. Electrogoniometer for the measurement of human elbow joint rotation 1-49149
- Chao, E.Y.S. Justification of triaxial goniometer for the measurement of joint rotation 1-49143
- Chao, J., Cheung, Y.K., Olson, A.P. COBRA-3C/RETR, a subchannel code for research and test reactors 1-28546
- Chao, J.L.-R. see Sargent, G.A. 1-20570
- Chao, K.A. Theory of impurity states in heavily doped semiconductors 1-12069
- Chao, K.A. see Oles, A.M. 1-16427, 1-20996
- Chao, K.A. see Oles, B. 1-25877
- Chao, K.A. see Riklund, R. 1-47572
- Chao, K.A. see Robakiewicz, S. 1-42939
- Chao, K.A. see Spalek, J. 1-3168
- Chao, N.H. see Hughes, W.F. 1-43645
- Chao, S.P. Phase-averaged results of wave-follower measurements of turbulent shear flow above water waves 1-54176
- Chao, S.S., Knabbe, E.-A., Vook, R.W. Auger line shape changes in epitaxial (111)Pd/(111)Cu films 1-25593
- Chao, T.H. see Yu, F.T.S. 1-6488, 1-50244
- Chao, T.H. see Zhuang, S.L. 1-41615
- Chao, W.C. see Reddy, J.N. 1-37796
- Chao, Y.A., Frantz, E.R., Yang, T.F. A practical method for analyzing the feedback control of the position of a Tokamak plasma 1-912
- Chao Bo-lin see Li Hui-xin 1-28061
- Chao Guo-ying see Pien Yen-kwei 1-1928
- Chao Jih-ping The gravitational wave in non-uniform stratification atmosphere and its preliminary application for the prediction of heavy rainfall 1-54211
- Chao Jih-ping, Wu Jung-sen Scale analysis of tropic motions 1-22473
- Chao Jih-ping see Huang Rui-xin 1-22476
- Chao Jiping, Huang Ruixin The cnoidal waves of rotating barotropic atmosphere 1-36042
- Chao Kuang-Ta see Kuang-Ta Chao
- Chao Nien-Hua see Nien-Hua Chao
- Chao Shenn-Yu see Shenn-Yu Chao
- Chao Siao-lin see Wang Ang-sheng 1-22478
- Chao Sun Dian see Dian Chao Sun
- Chao-de Zheng see Zheng Chao-de
- Chao-hsi Chang see Cheng-rui Ching 1-40985
- Chao-Shang Huang see Huang Chao-Shang
- Chao-tsien Tang see Tang Chao-tsien
- Chao-Wen Chin see Stothers, R. 1-22772
- Chao-xin Liu see Liu Chao-xin
- Chao-Yang Hou see Hou Chao-Yang
- Chao-hao, G. On the structure of classical Yang-Mills fields 1-45103
- Chao-hao Gu see Gu Chao-hao
- Chapelle, A.M. see Maingnet, M. 1-49273
- Chapelle, J. see Vallee, O. 1-6140
- Chapelle, J.P. see Tauri, L. 1-3394
- Chapet-Rousseau, M. An apparatus for coherent spectroscopy measurements 1-40871
- Chapin, C.E. see Brown, L.D. 1-13432
- Chapin, T.J. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Chaplain, K.R. see Bell, J.F.W. 1-26702
- Chaplier, M.I. see Ursu, I. 1-19921
- Chaplik, A.V. Amplification of two-dimensional plasma waves in superlattices 1-25750
- Chaplik, A.V., Krashennnikov, M.V. Two-dimensional plasmons (2DP) and acoustic waves in crystals 1-12175
- Chaplin, D.H. see Allsop, A.L. 1-34952
- Chaplin, D.H. see Wantanara, G.H.J. 1-12260
- Chaplin, M.C. see Taylor, S.R. 1-4477
- Chaplin, M.R. see Zbasnik, J.P. 1-51993
- Chaplot, S.L. see Rao, K.R. 1-20330
- Chapman, C.C. Nuclear waste glass melter design including the power and control systems 1-14682
- Chapman, C.H. Long-period corrections to body waves: theory 1-35939
- Chapman, C.J., Childress, S., Proctor, M.R.E. Long wavelength thermal convection between non-conducting boundaries 1-32420
- Chapman, C.J., Proctor, M.R.E. Nonlinear Rayleigh-Benard convection between poorly conducting boundaries 1-37911
- Chapman, D., Gomez-Fernandez, J.C., Goni, F.M., Barnard, M. Difference infrared spectroscopy of aqueous model and biological membranes using an infrared data station 1-9058
- Chapman, D.H., Garcia, E.V., Waxman, A.D. Misalignment of multiple photopeak analyzer outputs: effects on imaging 1-17477
- Chapman, D.M.F. The directional nature of attenuation of sound due to scattering at a rough ocean surface 1-15315
- Chapman, G. see De Roach, J. 1-36873
- Chapman, G.A. Variations in the solar constant due to solar active regions 1-44523
- Chapman, I.V. see Al-Hashimi, A.H.M. 1-4323
- Chapman, J.A. see Orton, J.W. 1-12213
- Chapman, J.N., Morrison, G.R., Fort, D., Jones, D.W. An electron microscope investigation of domain structures in thin terbium foils 1-47921
- Chapman, J.N., Waddell, E.M., Batson, P.E., Ferrier, R.P. The Fresnel mode of Lorentz microscopy using a scanning transmission electron microscope 1-20037
- Chapman, J.R. see Bergeron, P.A. 1-28668
- Chapman, L.D., Colella, R., Bray, R. Study of acoustoelectrically amplified phonons in InSb by anomalous transmission of X-rays 1-15978
- Chapman, L.D. see Engi, D. 1-14614
- Chapman, L.S. see Diehl, R.L. 1-37715
- Chapman, N.R. see Burnell, E.E. 1-32096
- Chapman, R. see Warwick, A. 1-50495
- Chapman, R.A. see Borrello, S.R. 1-5385
- Chapman, R.A. see Roberts, C.G. 1-5381
- Chapman, S. A theoretical study of the effects of vibration on the reaction O₃+NO→O₂+NO₂ 1-48657
- Chapman, T.C., Wintle, H.J. Dielectric absorption currents and surface charge on polymeric insulators 1-7702
- Chapman, V.B., Marwaha, A.S., Collins, A.J. The effect of substrate temperature on the magnetic and structural properties of Ni-Fe thin films deposited in ultrahigh and ordinary vacuum 1-42985
- Chapnik, I.M. Atomic-volume deviations and occurrence of semiconducting properties in transition metal sulphides 1-34703
- Chapnin, V.A. see Baranov, V.M. 1-34779
- Chapovskii, P.L. see Kiryunikov, K.V. 1-357
- Chapovskii, P.L. see Panfilov, V.N. 1-41438
- Chapoy, I.L. see DuPre, D.B. 1-8116
- Chappele, S. see Granger, P. 1-14922
- Chappell, C.F. see Fritsch, J.M. 1-44324, 1-49336, 1-49337
- Chappell, C.R. see Baugher, C.R. 1-22635
- Chappell, J.M.A. see Polach, H.A. 1-17690
- Chappell, T.I., Woodall, J.M. Heterojunction V-groove multijunction solar cells 1-53612
- Chappell, T.I. see van Vechten, J.A. 1-47544
- Chappert, J., Boge, M. Mossbauer study of relaxation effects in crystalline and amorphous DyAg 1-26088
- Chappert, J. see Bandyopadhyay, A.K. 1-3307
- Chappey, B. see Gouet, M. 1-38773
- Chapple, W.M. see Yund, R.A. 1-4463
- Chapront, J., Dvorak, R. A precise determination of some critical terms in the solar system 1-44421
- Chapront, J. see Bretagnon, P. 1-44418
- Chapront, J. see Chapront-Touze, M. 1-27402
- Chapront-Touze, M., Chapront, J. Planetary perturbations of the Moon. Comparison of ELP-1900 with Brown's theory 1-27402
- Chapuram, T., Vodhanel, R., Brussel, M.K. Resonant photon scattering from ²⁰⁸Pb and ²⁰⁹Bi 1-5700
- Chapuram, T. see Freeman, W.S. 1-5753
- Chapuram, T. see Robertson, R.G.H. 1-45505
- Charakhch'yan, T.N. see Okhlopov, V.P. 1-36143
- Charalambous, S. see Zamani, M. 1-51052, 1-51053
- Charbonneau, M., Van Vliet, K.M. Conductance and transverse magnetoresistance departing from a quantum mechanical Boltzmann equation 1-12085
- Charbonnel, J.-Y. On semi-characters of connected solvable Lie groups 1-10099

- Charbonnier, J.C. see Berneron, R. 1-43721
 Chardine, J. see Delarocque, J.P. 1-36902
 Chardon, J.-C., Labrune, J.-C., Miller, J.-J. Study of gas expansion by spectroscopic means: relaxation effects 1-28959
 Charentenay, F.X. de see de Charentenay, F.X.
 Charette, A., Meubus, P. Solid particles' temperature in a plasma: a model using a pseudo continuum principle 1-19870
 Charette, G.M. see Cameron, D.G. 1-50241
 Charfi, F. see Guglielmaci, J.M. 1-42642
 Chargeishvili, M.S. see Abesalashvili, L.N. 1-10273, 1-18526
 Chari, K.S., Mathur, B. The conduction properties of anodic Al_2O_3 films 1-34817
 Chari, M.S.R. see Tomar, V.S. 1-52716
 Charkin, O.P. see Boldyrev, A.I. 1-8543, 1-24030
 Charkin, O.P. see Klimenko, N.M. 1-6151
 Charlan, G.B. see Tu Chen 1-12347
 Charles, A. see Schulte, D.W. 1-35700
 Charles, B. see Altkofer, O.C. 1-45773
 Charles, G., Dokukin, V.S., Mishin, E.V., Ruzhin, Yu.Ya., Saint-Marc, A., Zhulin, I.A. Telemetry signal damping during rocket electron beam injections 1-44377
 Charles, J.P., Zaghdoudi, M., Mialhe, P., Marrakchi, A. An analytical model for solar cells 1-43770
 Charles, M.W., Mistry, H.D., Khan, Z.U. The theory and practice of simultaneous sensitization and re-estimation in lithium fluoride 1-1044
 Charles, P., Thorstensen, J.R., Barr, P. Optical and X-ray studies of 2A 1822-371 1-49717
 Charles, P.A., Thorstensen, J.R. A0538-66 1-36433
 Charles, P.A. see Griffiths, R.E. 1-13885
 Charles, P.A. see Henry, J.P. 1-54643
 Charles, P.A. see Kahn, S.M. 1-44614
 Charles, P.A. see Van Buren, D. 1-49725
 Charles, P.A. see White, N.E. 1-27635
 Charles, S.W., Poppelwell, J. Ferromagnetic liquids 1-30969
 Charles, S.W. see O'Grady, K. 1-12358
 Charles-Georges, A., Gousseau, R. Mechanical design and realization of a fibre optic microconnector 1-6645
 Charlesby, A., Folland, R. Pulsed NMR as a technique for studying radiation effects in macromolecules 1-51318
 Charlier, J.R. A new instrument for automatic subjective and objective perimetry 1-8955
 Charlock, T.P., Sellers, W.D. Aerosol, cloud reflectivity and climate 1-17686
 Charlock, T.P., Sellers, W.D. Aerosol effects on climate: calculations with time-dependent and steady-state radiative-convective models 1-22408
 Charlot, R. see Auvray, B. 1-49233
 Charlton, D., Schultz, P.C. Progress in optical waveguide processes, 1980 1-46564
 Charlton, J.A. Sea truth measurements for remote sensing verification 1-27321
 Charlton, J.D. see Theodoridis, G.C. 1-32104
 Charlton, J.L. see Dalal, N.S. 1-2615
 Charlton, J.L. see Schaefer, T. 1-51223
 Charlton, M., Griffith, T.C., Heyland, G.R., Lines, K.S., Wright, G.L. The energy dependence of positronium formation in gases 1-24291
 Charlton, R.S. see Wensley, D.A. 1-31721
 Charlton, V. see Cudby, M.E.A. 1-18353
 Charman, J. see McNulty, G.J. 1-15346
 Charmasson, R., Godin, D.V. Effects of helium pressure on biological membranes. A pharmacological approach to the high pressure nervous syndrome 1-43856
 Charmet, J.C. see Fermigier, M. 1-15559
 Charnaya, E.V. Dynamic quadrupole spin-phonon coupling of nuclei in crystals 1-21080
 Charneau, R. see Brechignac, P. 1-29084
 Charney, E. On the correlation between polarizabilities and molecular dimensions 1-10858
 Charney, J.G., Straus, D.M. Form-drag instability, multiple equilibria and propagating planetary waves in baroclinic, orographically forced, planetary wave systems 1-22402
 Charnock, H. Physics in oceanography 1-27740
 Charola, A.E. see Lewin, S.Z. 1-20597
 Charpak, G. Some prospects with gaseous detectors 1-14722
 Charpak, G. see Breskin, A. 1-23958
 Charpak, G. see Feio, M.A. 1-18963
 Charpak, G. see Peters, G. 1-14756
 Charpentier, J.P. see Krymm, R. 1-808
 Charpentier, P. see Badier, J. 1-10582, 1-14430
 Charpentier, P.L., Fichler, H.R. Properties of formed parts: flow and fracture behavior after cold forming in HSLA steel sheets 1-3769
 Charrault, D. Some applications in hybrid image processing 1-37433
 Charrier, J., De Fouquet, J. Application of the Bergstrom model to the analysis of the variation of the thermal stress component of α titanium 1-31542
 Charrier, J. see Boulloud, A. 1-15706, 1-42233
 Charrion, J.F. see Kapsa, P. 1-12888
 Charsley, P., Shimmmin, A.F., Ali, A.M.H. Cyclic hardening in copper-nickel alloys 1-26504
 Chart, T. see Putland, F. 1-16756
 Charter, S.J.B., Mooney, D.R., Cheese, R., Cantor, B. Melt spinning of crystalline alloys 1-12732
 Charters, A.C., Anderson, S.M. Low-velocity water tunnel for biological research 1-13360
 Charters, P.E. see Arrowsmith, P. 1-35534
 Chartier, F. see Cagnoux, J. 1-39318
 Chartier, P. see Alonso, N. 1-35664
 Chartier, V.L., Sarkinen, S.H., Stearns, R.D., Burns, A.I. Investigation of corona and field effects of AC/DC hybrid transmission lines 1-38165
 Chartier, V.L., Stearns, R.D. Formulas for predicting audible noise from overhead high voltage AC and DC lines 1-37697
 Chartoff, R.P., Chiu, T.W. A study of crosslinking in polyimides by viscoelastic and diffusion techniques 1-52353
 Charton, S. see Bos, M. 1-49305
 Charugin, N.V. see Meshcheryakov, G.N. 1-47100
 Charukhina, K.E., Grigor'evskii, V.I. Alloying of the joint zone in the diffusion bonding of titanium alloy OT4 1-26480
 Charushnikova, G.A. see Bogachev, I.N. 1-16883
 Charvet, A. see Beraud, R. 1-45401
 Charvet, A. see Elias, N. 1-18548, 1-28365
 Charvet, A. see Marguier, G. 1-23588
 Charvatin, J., Hendrick, J. Superstructures in magnetically oriented lyotropic nematics, a hydrodynamic effect? 1-20055
 Charwat, A.F., Ridgway, S.L. The mist-lift OTEC cycle 1-8736
 Chase, C.G. Oceanic island Pb: two-stage histories and mantle evolution 1-54021
 Chase, D.B. The sensitivity and limitations of condensed phase infrared emission spectroscopy 1-40875
 Chase, J.A. see Georgi, D.T. 1-44333
 Chase, L.F. see Sheppard, J.C. 1-41269
 Chase, L.L. see Prater, R.L. 1-35037
 Chase, M.D. see Comyn, J. 1-48686
 Chase, M.K. The Q^2 evolution of flavour singlet wave functions in QCD 1-10140
 Chase, R.C., Seguin, F.H., Gerassimenko, M., Petrasso, R. Application of computerized tomography techniques to Tokamak diagnostics 1-51988
 Chase, R.L. see Grill, E.V. 1-40116
 Chaschichin, A.V. see Ashkinazi, G.A. 1-34786
 Chashchin, S.P., Guzhova, I.P., Baryshev, N.S., Kharionovskii, Yu.S., Aver'yanov, I.S. Low-temperature photosensitivity of $Pb_{70}Sn_{30}Te$:Cd 1-20814
 Chashechikina, Zh.Yu. see Abramov, O.V. 1-16712
 Chashei, I.V., Shishov, V.I. On the nature of irregularities of the interstellar medium 1-4966
 Chashei, I.V. see Lotova, N.A. 1-4845, 1-13655
 Chashnikov, V.V. see Turchaninov, I.A. 1-32636
 Chasner, M.R. see Mitra, S.C. 1-40626
 Chasman, R.R. Incipient octupole deformation and parity doublets in the odd mass light actinides 1-14453
 Chasnikov, I.Ya. see Abdrahmanov, E.O. 1-722
 Chason, M.K. see Fluss, M.J. 1-31225, 1-32968
 Chassagne, G. see Treilleux, M. 1-2641
 Chassagnon, R., Crespin, C., Thibeau, M. Gas polarisation: an automatic study system controlled by calculator 1-46845
 Chasseau, D., Leroy, F. Octamethylene-3,4,3',4' tetraethia-2,2',5,5' fulvalene-dimethyl 2,5 tetracyano-7,8,8-p-quinodimethane (OMTTF-DMTCNQ) 1-42367
 Chasseau, D. see Alcaer, L. 1-11740
 Chastanet, R., Haye, K. Faraday-type magneto-microwave Kerr effect in semiconductors 1-52922
 Chastel, R. see Bergman, C. 1-30046
 Chatain, D. see Jarrigeon, M. 1-7306
 Chatain, D. see Lacabanne, C. 1-38296
 Chatain, S.R. Sage for biological experiments 1-4400
 Chate, A.K. see Rikards, R.B. 1-46674
 Chateau, B. see Lapillone, B. 1-35633
 Chateau, C., Bocquillon, G., Loriers, J. Polymorphism under pressure of some $M_2A_2O_3$ compounds: effect of the change of M and A cations on the sequence of structures 1-30126
 Chateau, C. see Bocquillon, G. 1-25240
 Chatel, P.F. de see de Chatel, P.F.
 Chatel, P.F. de see De Chatel, P.F.
 Chatelain, P., Foroughi, F., Vuilleme, H., Nussbaum, C. Proton analyzing power measurement in the $D(p,2p)n$ reaction 1-28480
 Chatelain, P. see Foroughi, F. 1-28339
 Chatelet, M., Widenolcher, G., Oksengorn, B. Experimental study of the vibrational relaxation (V^2) in highly compressed hydrogen 1-37315
 Chatelet, M. Petrodollar recycling and monetary problems 1-8659
 Chatelet, Y. see Bourquin, M. 1-10276
 Chatelet, D. see Pouchelon, A. 1-30519
 Chater, E. see Neale, K.W. 1-29567
 Chatillon-Colinet, C. see Kotchi, K.P. 1-48716
 Chatov, V.A., Iorga, T.P., Ingilzian, P.N. Ionic conduction and diffusion of copper in copper selenide 1-2691
 Chatraborty, S. Band gap of $AgGaTe_2$ semiconductor 1-38713
 Chatterjee, A. see Tobias, C.A. 1-49079
 Chatterjee, A.K., Mal, A.K., Knopoff, L., Hudson, J.A. Attenuation of elastic waves in a cracked, fluid-saturated solid 1-29610
 Chatterjee, C.L. see Khetrapal, C.L. 1-28995
 Chatterjee, I., Hagmann, M.J., Gandhi, O.P. Electromagnetic-energy deposition in an inhomogeneous block model of man for near-field irradiation conditions 1-26936
 Chatterjee, I. see Hagmann, M.J. 1-49062
 Chatterjee, K. see Alexander, G. 1-49367
 Chatterjee, L., Roy, T. On the decay rate of bound muons 1-36862
 Chatterjee, M.L. see Mobed, N. 1-50665
 Chatterjee, P. Electron-phonon coupling constant and critical temperature of binary and ternary superconducting alloys of V, Nb, Mo, and Ta 1-3085
 Chatterjee, R., Dixon, J.M., Buckmaster, H.A., Grenet, G., Kibler, L. Estimate of relativistic radial integrals from the optical spectra of Sm^{2+} in tetragonal compounds 1-52975
 Chatterjee, S. Axially symmetric electrovac solution 1-54364
 Chatterjee, S., Banerji, S. Two exact models of charged dust collapse 1-9896
 Chatterjee, S. see Bandyopadhyay, A.K. 1-12101
 Chatterjee, S. see Debnath, N.C. 1-7515
 Chatterjee, S.D. see Ghose, D. 1-13461
 Chatterjee, S.K., Mackay, C.A. Mechanical properties of sintered iron-tin-manganese alloys 1-53131
 Chatterjee, S.N. see Kishan, P. 1-38932
 Chatterjee, S.N. see Mandal, T.K. 1-17461
 Chatterjee, U.K. see Mukherjee, J.K. 1-48351
 Chatterjee, U.K. see Nath, A.K. 1-15146, 1-19321
 Chatterjee, U.K. see Nundy, U. 1-46281
 Chatterji, A. see Neogy, D. 1-31172
 Chatterji, J. see Holtmyer, M.D. 1-46732
 Chatterji, M. see Talukdar, B. 1-45477
 Chatterji, T.K. see Deb, S.R. 1-24697
 Chattin, F.R. see Collins, E.D. 1-18856
 Chattopadhyay, D. Hot electron drift velocity in $Hg_{1-x}Cd_xTe$ ($x=0.205$) 1-38784
 Chattopadhyay, D. Carrier scattering by ionized impurities with non-linear screening charge in semiconductors 1-42772
 Chattopadhyay, D. Electron mobility limited by ionized impurity scattering with nonlinear screening in semiconductors 1-47637
 Chattopadhyay, D., Queisser, H.J., Stringfellow, G.B. Electron scattering at localized impurity potentials in GaAs 1-47635
 Chattopadhyay, D., Sutradsar, S.K., Nag, B.R. Electron transport in direct-gap III-V ternary alloys 1-42792
 Chattopadhyay, D. see Sarkar, C.K. 1-25749
 Chattopadhyay, K. see Sastry, G.V.S. 1-26448
 Chattopadhyay, S.P., Bhowmik, B.B. Solvent effect on the thermodynamic and spectrophotometric properties of charge-transfer complexes. II 1-48724
 Chattopadhyay, S.P. see Bhowmik, B.B. 1-51287
 Chattopadhyaya, R., Ghosh, P.K. QUATOR: conical injection of ions around the z-axis 1-14204
 Chattopadhyaya, S.K. see Kaushik, D.K. 1-36627
 Chattopadhyaya, S.K. see Rustagi, S.C. 1-12182
 Chatot, J.J. Variational method for hyperbolic problems and mixtures of the first order 1-1908
 Chaturvedi, B.R., Pandey, J.D. Interaction studies in binary liquid mixtures from viscosity measurements 1-38226
 Chaturvedi, B.R., Tiwari, M.M., Pandey, R.P. Study of dipole-dipole Van der Waals interaction in alkali halides 1-47039
 Chaturvedi, D.K., Senatore, G., Tosi, M.P. Structure of liquid alkali metals as electron-ion plasmas 1-34217
 Chaturvedi, D.K. see Jovic, D. 1-30692
 Chaturvedi, M.C., Chung, D.W. Yielding behavior of a γ' -precipitation strengthened Co Ni Cr Nb Fe alloy 1-53237
 Chaturvedi, S. see Lavan, Z. 1-17283
 Chaturvedi, S. see San Miguel, M. 1-32918
 Chatzipetros, J. see Bechtold, P.S. 1-50231
 Chau, H. see Steinberg, D. 1-36676
 Chau, H.H., Dittbener, G., Hofer, W.W., Honodel, C.A., Steinberg, D.J., Stroud, J.R., Weingart, R.C., Lee, R.S. Electric gun: a versatile tool for high-pressure shock-wave research 1-40768
 Chau Wang Ling-Lie see Ling-Lie Chau Wang
 Chauda, V., Hyams, B., Papadopoulos, T., Rybicki, K., Wellhammer, P., Becker, H., Blar, G., Cerrada, M., Dietl, H., Gallivan, J., Gottschalk, B., Lorenz, E., Lutjens, G., Lutz, G., Manner, W., Niczypruk, B., Notz, D., Richter, R., Stierlin, U., Stringfellow, B., Turala, M., De Groot, J. Coherent A_2^- production on nuclei observed in the $K^-K_S^0$ decay channel at 17.2 GeV/c 1-10392

- Chaubey, B.R. *see* Tripathi, L.N. 1-16593, 1-43183
- Chauby, U.S. Evolution in semi-detached binary systems 1-36332
- Chaudhari, P. Defects in amorphous solids 1-30063
- Chaudhari, R.T. *see* Joshi, R.V. 1-43191
- Chaudhary, D.R. *see* Kumar, V. 1-29521
- Chaudhri, M.A., Ainsworth, T. PIXE studies on teeth 1-17471
- Chaudhri, M.A. *see* McGregor, B. 1-17470
- Chaudhri, M.M. Low cost teaching aids in Indian education 1-27738
- Chaudhuri, A.K. *see* Vijay Kumar, A. 1-52587
- Chaudhuri, B. Inter-comparison of the methods of solutions of Kubelka-Munk equations for inhomogeneous diffusing media 1-46224
- Chaudhuri, B.K., Nomoto, K., Atake, T., Chihara, H. Thermodynamic properties of Rb_2ZnCl_4 associated with three phase transitions 1-16040
- Chaudhuri, K.D., Luthra, A., Saxena, P., Agarwal, S.K., Mathur, P.C. Electron transport in heavily doped and compensated n-type InSb in the temperature range 4.2-300K 1-34707
- Chaudhuri, K.D. *see* Agarwal, S.K. 1-52705
- Chaudhuri, K.D. *see* Dey, T.K. 1-52539
- Chaudhuri, K.D. *see* Kumar, Dey, T. 1-12104
- Chaudhuri, K.D. *see* Saxena, T.K. 1-12112
- Chaudhuri, K.D. *see* Singh, R. 1-34828
- Chaudhuri, R.N. Asymptotic behavior of the proton electromagnetic form factor with pion exchanges in the ladder approximation 1-14389
- Chaudhuri, S., Coon, D.D., Derkits, G.E., Jr. Fractional-charge impurities in semiconductors 1-14327
- Chaudhuri, S. *see* Basu, C. 1-42437
- Chaudhuri, S. *see* Goswami, K. 1-11909
- Chaudhury, A. *see* Das, S.K. 1-9987
- Chaudhury, A. *see* Goswami, K. 1-11909
- Chaudhury, M.L., Sen, D.K. Effect of non-local barrier and relative intensities of alpha-spectra in rare-earth nuclei 1-33244
- Chaudhury, N.K. *see* Mahajan, G.R. 1-23975
- Chaudhury, N.K. *see* Roy, J.S. 1-15478
- Chaudhury, T. *see* Krori, K.D. 1-23069, 1-23093
- Chaudonnet, M. Structure calculations in viscoplasticity: comparison between finite element and boundary integral equations methods 1-51709
- Chaudouet, P. *see* Fruchart, D. 1-15866
- Chaumeaux, A. *see* Boudard, A. 1-41117
- Chaumont, J. *see* Bernas, H. 1-34363
- Chaumont, J. *see* Pivin, J.C. 1-48552
- Chaunis, S. *see* Chanzy, H. 1-3691
- Chaurand, B. *see* Corden, M.J. 1-14429
- Chaurand, B. *see* Corden, M.J. 1-14428, 1-28352
- Chausov, G.P. *see* Manzhelii, V.G. 1-52309
- Chaussemy, G., Fornazero, J., Laugier, A. Viscosity and local order in $\text{Pb}_2\text{Se}_{(1-x)}$ melts 1-25486
- Chaussemy, G. *see* Jal, J.F. 1-25485
- Chaussey, J. *see* Berton, A. 1-52793
- Chauveau, M. *see* Imhoff, D. 1-12656
- Chauvet, P. *see* Brunet, H. 1-41678
- Chavart, C. *see* Collin, G. 1-42394
- Chavarria, C. *see* Appenzeller, I. 1-13767
- Chavarria, C. *see* Mundt, R. 1-40480
- Chavandra, J. Pitfalls of TLD practice for radiotherapy 1-9032
- Chave, A. *see* Thibeau, M. 1-51906
- Chavel, P. Limitations of subtraction techniques applied to incoherent optical image restoration 1-24366
- Chavel, P., Strand, T.C. Pseudocolor encoding of depth information using Talbot effect 1-41601
- Charent, G. Finite element method for the water flooding problem 1-6887
- Charent, G. *see* Bamberger, A. 1-9119
- Chaves, A.S., Gazzinelli, R., Blinc, R. EPR line-shape study of the incommensurate phase in γ -irradiated K_2SeO_4 1-47932
- Chaves, A.S. *see* Blinc, R. 1-7235
- Chaves, A.S. *see* de Aguiar, F.S. 1-43076
- Chaves, A.S. *see* Machado da Silva, J.C. 1-43009
- Chaves, C.M. *see* de Queiroz, S.L.A. 1-32938
- Chaves, C.M. *see* Lederer, P. 1-48016
- Chaves, C.M. *see* Riera, R. 1-5251
- Chaves, E. *see* Bordoloi, K. 1-32048
- Chaves, F.M.P., Maluf, J.W., Ventura, I. Macroscopic quantum waves in boson systems. II 1-50044
- Chawla, K.K., Bastos, A.C. The mechanical properties of jute fibers and polyester/jute composites 1-43471
- Chawla, R. *see* Schmock, U. 1-28606
- Chawla, S.K., Sciammarella, C.A. Localization of fringes produced by rotation of the recording plate in focused-image holography 1-19284
- Chawla, T.C., Chan, S.H. Spline collocation solution of combined radiation-convection in thermally developing flows with scattering 1-1970
- Chawla, T.C., Chan, S.H. The effect of thermal radiation scattering on heat transfer coefficient pertaining to multicomponent flows 1-5973
- Chawla, T.C., Chan, S.H. Combined radiation convection in thermally developing Poiseuille flow with scattering 1-24800
- Chawla, T.C., Minkowycz, W.J., Leaf, G. Spline-collocation solution of integral equations occurring in radiative transfer and laminar boundary-layer problems 1-42011
- Chawla, T.C. *see* Cheung, F.B. 1-1962
- Chawla, T.C. *see* Epstein, M. 1-45691
- Chay, T.R. Phase transition in charged multienzyme proteins 1-39878
- Chayka, G.Ye. Photo-field emission of semiconductors 1-3580
- Chazalviel, J.-N. Photocurrent spectroscopy of interface states at a semiconductor-electrolyte junction 1-12187
- Chazhoor, J.S., Radhakrishnan, T.P. A comparative conductance study of ion association-sodium nitrate in 1-propanol-water system 1-30432
- Che, A., Kegel, W.H. Stability of strong linearly polarized electromagnetic waves in dense plasmas 1-27371
- Che Guang-can *see* Tang Di-sheng 1-2611, 1-48331
- Che Ming Ko, Bohrmann, S. A model for pion absorption in nuclei 1-18684
- Che-Kuang Wu Nature of incorporated water in hydrated silicate glasses 1-2636
- Che-Kuang Wu Stable silicate glasses containing up to 10 weight percent of water 1-31412
- Che-Yu Li *see* Hakkarainen, T.J. 1-43496
- Cheam, T.C. *see* Krimm, S. 1-38297
- Cheatham, P.S. Alternate surface intersection points 1-46220
- Chebervak, M.S. *see* Gavrilov, G.A. 1-41644
- Cheblukov, Yu.N. *see* Vysukubov, V.P. 1-46919
- Chebotaev, N.M. *see* Samokhvalov, A.A. 1-21209
- Chebotaev, V.P. *see* Bagaev, S.N. 1-11052, 1-41425, 1-50206
- Chebotaev, V.P. *see* Belyaev, M.V. 1-33774
- Chebotaev, V.P. *see* Zakhar'yash, V.F. 1-33666
- Chebotaev, V.P. *see* Abramov, V.V. 1-29536
- Chebotaev, V.P. Coherence in high resolution spectroscopy 1-51568
- Chebotaev, V.P. *see* Bagayev, S.N. 1-51239
- Chebotin, V.N., Tsidi'kovskii, V.I. Phase transitions in fluorite and related compounds 1-52291
- Cheburaeva, R.F. *see* Gorbacheva, T.B. 1-20412
- Cheburkin, N.V. *see* Avrov, A.I. 1-46290
- Cheburkov, D.I., Proskuryakova, S.F., Yagola, G.K. Hall transducer calibration in a pulsating magnetic field 1-23277
- Checceacci, P.F. The SIRIO VHF experiment 1-25267
- Checceacci, P.F., Falciari, R., Scheggi, A.M. Applicability of an asymptotic numerical method to the determination of whispering and bouncing modes in elliptical fibres 1-41853
- Checceacci, P.F. *see* Brenci, M. 1-1707
- Cecchia, P. *see* Allen, P. 1-36856
- Cechenin, N.G. *see* Melikov, Yu.V. 1-5814
- Cechenin, N.G. *see* Vorotnikov, P.E. 1-45545
- Cechenov, A.A. *see* Aleksan'yan, T.M. 1-36187
- Cechetkin, A.V., Zayarny, V.S., Kreichirzhikova, L.A., Kharaz, D.I. Experimental investigation of the density and viscosity of high-temperature organic and silicone heat-transfer agents in the temperature range of their practical application 1-52208
- Cechin, G.M. *see* Gufan, Yu.M. 1-30123
- Cechin, G.M. *see* Merrick, B.R. 1-22551
- Cechkin, V.V. Method of measuring thermal conductivity 1-50123
- Cechurina, E.N., Shchelkin, A.P. Methods and means of measuring magnetic susceptibility of weak magnetic materials 1-18259
- Ceckley, G.J. *see* Preston, B.N. 1-2310
- Cedin, A. *see* Poc, M.M. 1-44264
- Chee, K.T., Girouard, F.E., Truong, V.V. Interband transitions in aggregated copper films 1-43197
- Cheek, G., Mertens, R. MIS and SIS solar cells on polycrystalline silicon 1-4202
- Cheeke, D. *see* Houde, D. 1-47144
- Cheeke, J.D.N., Ettinger, H. A macroscopic approach to the Kapitza resistance 1-20494
- Cheeke, J.D.N., Houde, D. An acoustic soft mode for KCP 1-16010
- Cheeke, J.D.N., Madore, G. Ultrasonic attenuation in p-InSb at low temperatures 1-15962
- Cheeke, J.D.N. *see* Vacher, R. 1-20328
- Cheese, R., Cantor, B. Superplasticity in splat-quenched Pb-Sn eutectic 1-3844
- Cheese, R. *see* Charter, S.J.B. 1-12732
- Ceetham, A.K. Low-temperature preparation of refractory alloys 1-21397
- Ceetham, A.K. *see* Newsam, J.M. 1-34334, 1-34335
- Ceetham, G. *see* Sheasby, P.G. 1-21641
- Ceglokov, E.I. *see* Kruglikov, V.V. 1-24052
- Ceglokov, E.I. *see* Zelichenko, V.M. 1-33406, 1-51149
- Cebh, H.Y. *see* Viswanathan, K. 1-31868
- Cekalin, S.V. *see* Baranova, N.B. 1-1656
- Cekhan, A.V. *see* Deryugin, L.N. 1-10937
- Cekhlava, T.K. *see* Deryugin, L.N. 1-6574
- Cekhov, B.T. *see* Nikolskii, A.P. 1-21804
- Cekhov, Val.N. *see* Guz', A.N. 1-19561
- Cekhov, Vik.N. *see* Guz', A.N. 1-19561
- Cekhovskii, V.F. *see* Blagoslono, V.I. 1-15510
- Cekhovskoi, V.Ya. Vacancy formation energy and their concentration in W 1-52130
- Cekmarev, I.B. Hydrodynamic boundary conditions for a weakly ionized gas near a catalytic wall 1-24894
- Cekmarev, I.B. The 'infinity' in the theory of electrostatic probes 1-25066
- Cekmarev, V.P., Belotitskii, V.I., Petrov, M.P. Enhancement of the spin echo of the ^{151}Eu nuclei in Eu_2FeO_4 1-21083
- Cekmareva, O.M. An exact solution of the Stefan problem 1-40748
- Cekunov, A.V. Evolutionary alterations in the crust-mantle interface 1-27103
- Cekunov, A.V. *see* Sollogub, V.B. 1-22281, 1-27104
- Cekurin, V.F. *see* Bol'shakova, I.A. 1-50178
- Chelidze, T.Ya. *see* Barkhudarov, E.M. 1-33636
- Chelikowsky, J.R. *see* Ihm, J. 1-25782
- Chelkowski, A. Dielectric physics 1-49888
- Chelkowski, A. *see* Kwapińska, E. 1-34935
- Chelkowski, S., Nietendel, J., Suchanek, R. No-interaction theorems in relativistic particle dynamics 1-23010
- Chell, G.G., Haigh, J.R., Vitek, V. A theory of warm prestressing: experimental validation and the implications for elastic plastic failure criteria 1-47160
- Chelli, L., Papa, G., Salgo, C. Transient calculations of a 45 MW(th) steam generator model for sodium-cooled fast breeder reactors 1-28676
- Chelnokov, V.E. *see* Ashkinazi, G.A. 1-34786
- Chelnokov, V.E. *see* Gorenok, A.T. 1-39255
- Chelomei, S.V. Dynamical stability of elastic systems 1-29586
- Chel'tsova, T.V. *see* Cherkasov, Yu.A. 1-40885
- Chel'tzov, V.F. Cooperative states and resonance fluorescence 1-24075
- Chemarin, M. *see* Burg, J.P. 1-23912
- Chemeressyuk, G.G., Shmilovich, A.M. Field quenching of photocurrent and hysteresis of current-voltage characteristics of copper-doped CdS single crystals 1-3023
- Chemerinsky, G.P. *see* Alifintsev, G.A. 1-20092, 1-21341
- Chemeris, V.S. *see* Mnatsakanian, K.G. 1-15690
- Chemla, D.S. Non-linear optical properties of condensed matter 1-21153
- Chemla, D.S. *see* Bergman, J.G. 1-39169
- Chemla, D.S. *see* Kupecek, Ph. 1-46440
- Chemla, D.S. *see* Maruani, A. 1-46453
- Chen, A. *see* Bebek, C. 1-33191
- Chen, A. *see* Chadwick, K. 1-33192
- Chen, A. *see* Wu, C.-C. 1-7641
- Chen, A.B. *see* Pindola, M.S. 1-33435
- Chen, A.K. *see* Johnson, R. 1-8561
- Chen, B., Joseph, T.R., Lee, J.Y., Ranganath, T.R. Integrated optical circuits for RF spectrum analysis 1-24533
- Chen, B.C.-J., Sha, W.T. A simple approach to thermal-hydraulic analysis of distorted rod bundles 1-50747
- Chen, B.C.-J., Vanka, S.P., Sha, W.T. Some recent computations of rod bundle thermal hydraulics using boundary fitted coordinates 1-23725
- Chen, B.C.-J. *see* Prapat Vanka, S. 1-28539
- Chen, B.C.-J. *see* Vanka, S.P. 1-1907
- Chen, B.N. *see* Mironov, V.L. 1-33621
- Chen, C., Thompson, A.W., Bernstein, I.M. The correlation of microstructure and stress corrosion fracture of HY-130 steel weldments 1-16972
- Chen, C.C., Vedam, K. Piezo- and elasto-optic properties of liquids under high pressure. III. Results on twelve more liquids 1-31126
- Chen, C.H., Hurst, G.S., Payne, M.G. Direct counting of Xe atoms 1-10049
- Chen, C.H., Tai, K.L. Electron diffraction studies of Ag photodoping in $\text{Ge}_2\text{Se}_{1-x}$ glass films 1-15911
- Chen, C.H., Tai, K.L. Whisker growth induced by Ag photodoping in glassy $\text{Ge}_2\text{Se}_{1-x}$ films 1-47416
- Chen, C.H. *see* Hurst, G.S. 1-1412
- Chen, C.K., de Castro, A.R.B., Shen, Y.R. Surface-enhanced second-harmonic generation 1-33749
- Chen, C.L., Chantry, P.J., Davies, D.K. The electronic excitation spectrum of SF_6 1-37337
- Chen, C.P., Leipold, M.H. Fracture toughness of silicon 1-3873
- Chen, C.S., Vyborny, C., Doi, K., Chan, H.-P., Holje, G. Monte Carlo simulation studies of detectors used in the measurement of diagnostic X-ray spectra 1-26988
- Chen, C.S. *see* Dixit, A. 1-20457
- Chen, C.S.H., Sheppard, E.W. Conformation and shear stability of xanthan gum in solution 1-49049
- Chen, C.W. Using a conventional optical design program to design holographic optical elements 1-6515
- Chen, C.W. Using a conventional optical design program to design holographic optical elements 1-15115

- Chen, C.W., Gustafson, T.K. A high-speed Si lateral photodetector fabricated over an etched interdigital mesa 1-40848
- Chen, C.Y., Burstein, E. Giant Raman scattering by molecules at metal-island films 1-3399
- Chen, C.Y., Davoli, I., Ritchie, G., Burstein, E. Giant Raman scattering and luminescence by molecules adsorbed on Ag and Au metal island films 1-35047
- Chen, D. *see* Aronson, A.J. 1-16690
- Chen, D. *see* Kaplan, E. 1-36476
- Chen, D.M., Hsu, K.C., Liu, C.H., Pfender, E. The effects of cold gas injection on a confined arc column 1-34165
- Chen, D.Y. Magnetic properties of the amorphous magnetic metals between 50 kHz and 225 kHz 1-30986
- Chen, E. *see* Thornton, W.A. 1-44982
- Chen, E.P., Sih, G.C. Stress intensity factor for a three-layered plate with a crack in the center layer 1-46703
- Chen, E.P. *see* Kipp, M.E. 1-1889
- Chen, E.P. *see* Sih, G.C. 1-15446, 1-25361
- Chen, F.C., Choy, C.L., Wong, S.P., Young, K. Kinetic nature of the glass transition. II 1-25415
- Chen, F.C. *see* Choy, C.O. 1-16110
- Chen, F.C. *see* Leung, W.P. 1-30324
- Chen, G.C., Rosa, C.J. Oxidation characteristics of niobium in the temperature range of 900-1100°C 1-31732
- Chen, G.C., Rosa, C.J. Oxidation of Nb-9.5 at.% Cr alloy in the temperature range of 900-1100°C at 100-760 torr oxygen 1-39521
- Chen, G.L. *see* Tien, J.K. 1-48244
- Chen, G.T.Y., Pittluck, S. Utilization of graphics in heavy ion radiotherapy treatment planning 1-27001
- Chen, H., Borzilleri, C. Laser cleanup of H₂S from synthesis gas 1-21746
- Chen, H., Yu, F.T.S., Tai, A.M. One-step rainbow holography. Old and new 1-15127
- Chen, H. *see* Leith, E. 1-11082
- Chen, H. *see* Leith, E.N. 1-37427
- Chen, H. *see* Park, J.W. 1-2336
- Chen, H. *see* Yu, F.T.S. 1-6517
- Chen, H.C., Palmadesso, P.J. Diocotron instability of a relativistic coaxial multi-pole hollow electron beam 1-51360
- Chen, H.H. *see* Lee, F. 1-50066
- Chen, H.L. *see* Carey, T.A. 1-36938
- Chen, H.S., Krause, J.T., Shirakawa, K., Masumoto, T. On the anomalies in density, Young's modulus and glass temperature of Pd-Si glasses 1-20067
- Chen, H.S., Leamy, H.J.L., Miller, C.E. Preparation of glassy metals 1-39279
- Chen, H.S., Too, B.K., Wang, R. EXAFS studies of glassy metallic alloys 1-31233
- Chen, H.S. *see* Barber, D.P. 1-534, 1-28309
- Chen, H.S. *see* Bhagat, S.M. 1-7841
- Chen, H.S. *see* Moorjani, K. 1-30957
- Chen, H.S. *see* Naka, M. 1-35354
- Chen, H.S. *see* Rao, K.V. 1-7587
- Chen, H.S. *see* Yeshurun, Y. 1-7839
- Chen, H.Y. *see* Yeshurun, H.U. 1-38579
- Chen, H.-Y. *see* Cox, D.E. 1-29960
- Chen, L., Mort, J. Effects of geminate recombination in the photoelectrical characteristics of a-Si:H Schottky barrier solar cells 1-39766
- Chen, L. *see* Kwok-leung Yip 1-42815
- Chen, L. *see* Mort, J. 1-7637
- Chen, J. *see* Cao, J. 1-29923
- Chen, J.C. *see* Bennett, D.L. 1-1953
- Chen, J.C. *see* Nijhawan, S. 1-38000
- Chen, J.C. *see* Ozkaynak, T.F. 1-29665
- Chen, J.F. *see* Rosenberry, T.J. 1-33944
- Chen, J.H., Wasserburg, G.J. The isotopic composition of uranium and lead in Allende inclusions and meteoritic phosphates 1-40429
- Chen, J.J. *see* Sugano, T. 1-7480
- Chen, J.M. *see* Chen, W.P. 1-53003
- Chen, J.M. *see* Sun, T.S. 1-16628
- Chen, J.-R., Hwang, M.-P., Hsiung, S.-K., Liu, Y.-C. Oxidation mechanisms in TiSi₂ films on single silicon substrates 1-38676
- Chen, J.T. *see* Jhy-Jiun Chang 1-12241
- Chen, J.-W., Milnes, A.G. Energy levels in silicon 1-38748
- Chen, J.Y. On the geodetic problem of long distances in two different projections 1-13383
- Chen, J.Y.F. *see* Bell, J.F.W. 1-26702
- Chen, K., Winter, R.C., Bergman, M.K. Carbon dioxide from fossil fuels. Adapting to uncertainty 1-53706
- Chen, K.C. *see* Bene, R.W. 1-16191
- Chen, K.H. *see* Dayan, A. 1-50826
- Chen, K.W. Magnetic linear accelerator (MAGLAC) for hypervelocity acceleration in impact fusion (IF) 1-5991
- Chen, K.W. Deep inelastic muon scattering and recent results at high q^2 1-45307
- Chen, K.W. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Chen, L. *see* Cheng, C.Z. 1-2184
- Chen, M. Recent results of Mark J. Physics with high energy electron-positron colliding beams 1-45326
- Chen, M., Coburn, J.W. Applying emission spectroscopy to the scale-up problem in plasma processing 1-2234
- Chen, M. *see* Antreasyan, D. 1-10287
- Chen, M. *see* Barber, D. 1-14407
- Chen, M. *see* Barber, D.P. 1-534, 1-28309
- Chen, M.C., Lord, R.C. Laser excited Raman spectroscopy of biomolecules. XIII. Conformational study of α -chymotrypsin and trypsin 1-21985
- Chen, M.C. *see* Suits, B.H. 1-2894
- Chen, M.J., Domanus, H.M., Sha, W.T. Numerical thermal-hydraulic simulation of an LMFBR pipe during a flow coastdown 1-50889
- Chen, P., Jolly, R., Halac, G., Muller, R.S., White, R.M., Andrews, A.P., Motamedi, M.E. A planar-processed PI-FET accelerometer [cantilever beam strain measurement] 1-44911
- Chen, P. *see* Newman, B.A. 1-12456
- Chen, P.C., Winchell, P.G. Martensite lattice changes during tempering 1-8347
- Chen, P.C., Winchell, P.G., Hall, B.O. Atomic displacements due to C in Fe Ni C martensite 1-7137
- Chen, P.C., Yu, K.L., Margalit, S., Yariv, A. A new GaInAsP/InP T-laser at 1.2 μ m fabricated on semi-insulating substrate 1-46377
- Chen, P.C. *see* Katz, J. 1-37503
- Chen, P.J. Compatibility requirements for propagating curved shocks of non-uniform strengths in uniform flow 1-6874
- Chen, P.J. Three dimensional dynamic electromechanical constitutive relations for ferroelectric materials 1-16537
- Chen, P.J., Land, C.E. Variations of strain and light scattering accompanying domain switching in lead lanthanum zirconate titanate ceramics 1-8023
- Chen, P.J., Tucker, T.J. One dimensional polar mechanical and dielectric responses of the ferroelectric ceramic PZT 65/35 due to domain switching 1-26149
- Chen, P.S. *see* Ku, T.L. 1-4506
- Chen, R.P. *see* Thompson, J.J. 1-872
- Chen, R. *see* McKee, S.W.S. 1-949
- Chen, R.J.J., Liaw, Y.W., Elliot, D.G. Prediction of CO₂ solubility in light hydrocarbon mixtures at low temperatures 1-47247
- Chen, R.S. *see* Schneider, S.H. 1-40183
- Chen, R.Y.Z., Foun-Chung Fan, Kim, S., Kung-Ming Jan, Usami, S., Shu Chen Tissue-blood partition coefficient for xenon: temperature and hematocrit dependence 1-27048
- Chen, S.P., Edin, J.A.D. Fickian diffusion of alkanes through glassy polymers: effects of temperature, diffusant size, and polymer structure 1-30479
- Chen, S.T. *see* Schechter, R.M. 1-1139
- Chen, T.S., Strobel, F.A. Buoyancy effects on heat and mass transfer in boundary layer on a continuous moving horizontal plate 1-1972
- Chen, T.S., Strobel, F.A. Combined heat and mass transfer in mixed convection over a horizontal flat plate 1-37930
- Chen, T.S. *see* Moutsoglou, A. 1-24806
- Chen, T.T. *see* Shou-Yih Wang 1-6703
- Chen, T.W. Nonperturbative method for energy levels, scattering, etc 1-44789
- Chen, T.W. *see* Spanos, P.-T.D. 1-9826
- Chen, W. *see* Hoffmann, E. 1-53703
- Chen, W.H., Lean, E.G. Acousto-optic spectrum analyzer or multipoint modulator 1-1686
- Chen, W.H., Lean, E.G. Grating acoustic scanner using bulk acoustic waves 1-37734
- Chen, W.H., Lean, E.G. Integrated grating acoustic scanner 1-51671
- Chen, W.K., Peterson, N.L. Grain-boundary diffusion of ⁶⁰Co and ⁵¹Cr in NiO 1-25506
- Chen, W.K. *see* Peterson, N.L. 1-2683
- Chen, W.L., Ishii, M. A parametric study of multichannel molten cladding motion under unprotected loss-of-flow accident conditions in LMFBRs 1-36989
- Chen, W.L. *see* Hottovy, J.D. 1-47245
- Chen, W.P., Chen, J.M. Use of surface plasma waves for determination of the thickness and optical constants of thin metallic films 1-53003
- Chen, W.Y., Alcorn, J.S., Hsu, Y.-H., Purcell, J.R. Stability analysis of NbTi-Ta-based high field conductor cooled by pool boiling below 4K 1-47786
- Chen, W.Y., Peuron, U.A., Miller, P.H., Jr. Magnetics aspects of martensitic stainless steels as structural materials for Tokamak reactors 1-906
- Chen, W.Y. *see* Hsu, Y.-H. 1-52700
- Chen, X.H. *see* Ying-Shan Yang 1-7887
- Chen, Y., Abraham, M.M., Boldu, J.L., Orera, V.M. Current-voltage characteristics of Li-doped MgO oxidized at elevated temperatures 1-2960
- Chen, Y. *see* Abraham, M.M. 1-38980
- Chen, Y.C. Noise characteristics of semiconductor laser diodes coupled to short optical fibers 1-15265
- Chen, Y.C. The intensity fluctuations of semiconductor lasers 1-24421
- Chen, Y.C. *see* Flynn, C.P. 1-47724
- Chen, Y.-S. The Coriolis attenuation in the pairing plus recoil model 1-5713
- Chen An-Ban *see* An-Ban Chen
- Chen Anna *see* Anna Chen
- Chen Baoqiong *see* Yao Jie 1-30826
- Chen Cheng *see* Cheng Chen
- Chen Chi-Yu *see* Chi-Yu Chen
- Chen Chih Kwan *see* Chih Kwan Chen
- Chen Chih-Hong *see* Chih-Hong Chen
- Chen Chuang-tian, Chen Xiao-Shen A general transformation formula for SHG coefficients of a crystal and those of its anionic groupings 1-1628
- Chen Chun Hsiung *see* Chun Hsiung Chen
- Chen Chun-Hsiung *see* Chun-Hsiung Chen
- Chen Chung Bar *see* Chung Bar Chen
- Chen Duan-Bao *see* Chen Ying-Xuan 1-49465
- Chen Fu-Ming *see* Fu-Ming Chen
- Chen Gui-Ying *see* Li Zhu-Qi 1-46958
- Chen Guo-xiong *see* Hsu Hsueh-chi 1-15740
- Chen Guofan *see* Cao Hongxing 1-27232
- Chen Hongpan *see* Chu Zaixiang 1-15369
- Chen Hsing-Hen *see* Hsing-Hen Chen
- Chen Hua-xian *see* Hua Zhong-yi 1-23384
- Chen Jiaguang *see* Zhang Jushui 1-39340
- Chen Jian-sheng *see* Morton, D.C. 1-9713
- Chen Jian-wen, Fu Shu-fen, Liu Miao-hong High pressure UV-pre-ionized transverse discharge-pumped XeCl laser 1-6546
- Chen Jianwen, Fu Shufen, Liu Miao-hong Efficient operation of Blumlein-discharge-excited XeCl laser 1-37464
- Chen Jiayan, Guan Tongren, Yu Po Metering instrument of quality factor Q of gravitational waves antenna 1-27851
- Chen Jiayong *see* Xia Guangxiang 1-47237
- Chen Jing-Den *see* Jing-Den Chen
- Chen Jing-Zhang *see* Cheng Yue-Ying 1-48287
- Chen Jinquan, Wang Fan, Gao Meijuan, Yu Zurong A new method of calculation for molecular shell model 1-28884
- Chen Jun-Wei *see* Jun-Wei Chen
- Chen Junming, Chou Fugen, Yu Fanhua A study of the stress corrosion cracking of sensitized 1Cr18Ni9Ti stainless steel in high temperature high pressure water 1-39499
- Chen Kawei *see* Kawei Chen
- Chen Kun-Mu *see* Kun-Mu Chen
- Chen Kwan-Yu *see* Kwan-Yu Chen
- Chen Li-Quan *see* Tang Di-Sheng 1-48331
- Chen Lian-Chen *see* Cheng Yue-Ying 1-48287
- Chen Lianshan *see* Zhao Honggang 1-24042
- Chen Liu *see* Liu Chen
- Chen Mau Hsiung *see* Mau Hsiung Chen
- Chen Min *see* Min Chen
- Chen Muffa *see* Hou Zhenxing 1-36569
- Chen Nan-Xian Symmetry between inside and outside effects of an electrostatic shielding 1-49907
- Chen Pei-Ran *see* Tan Song-Sheng 1-34776
- Chen Peng Classification of bituminous coals: application of the technique of optimal sections in coal classification 1-48781
- Chen Ping *see* Zhang Dushui 1-36750
- Chen Qizhou *see* Shi Longpei 1-34843
- Chen Ren-Huai *see* Liu Mao-San 1-41268, 1-46196
- Chen Shi-gang Glandsdorff-Prigogine criterion and theorem of minimum entropy production 1-23131
- Chen Shi-gang Transport process under strong magnetic field and two stationary solutions of the Liouville equation 1-25681
- Chen Shu-Xing *see* Zeng Jin-Guang 1-54255
- Chen Shuguang *see* Mo Dang 1-31112
- Chen Shujian, Peng Yuchao On spline finite element computation of plates on elastic foundations for various base-models 1-29538
- Chen Souren *see* Chu Zaixiang 1-15369
- Chen Sow-Hsin *see* Sow-Hsin Chen
- Chen Su-Qing *see* Ni Guang-Jiong 1-45235
- Chen Tu *see* Tu Chen
- Chen Wei-Chung *see* Wei-Chung Chen
- Chen Wen-xiong *see* Ximen Ji-ye 1-6443
- Chen Xi-chen *see* Wu De-hai 1-53201
- Chen Xiao-shen *see* Chen Chuang-tian 1-1628
- Chen Xiao-Tian *see* Li Guang-Guo 1-41012
- Chen Xiaotian, Ruan T'an, Zhang Yushun, Li Yangguo Unitary symmetry in baryon-antibaryon systems 1-18505
- Chen Xing-fang A preliminary discussion of the transition of subtropical high in autumn 1-54217
- Chen Xinhua *see* Xinhua Chen
- Chen Yan *see* Yan Chen
- Chen Yan-song, Wang Yu-tang, Li Xiu-ying The optical realization of Walsh transformation with coherent system 1-24359
- Chen Yao-Wu On the vertical dynamic transport and its effects in the upper mesosphere and lower thermosphere 1-54171
- Chen Ying-Xuan, Jiang Lin-Lin, Ren Guo-Xiao, Ma Yu-Qian, Wu Mei, He Chang-Xiao, Shen Pei-Ruo Performance of the large area plastic scintillation counter 1-45789

- Chen Ying-Xuan, Ren Guo-Xiao, Wu Mei, He Chang-Xiao, Shen Pei-Ruo, Li Yian-Guo, Xiao Qian-Yi, Wang Jun, Chen Duan-Bao, Zheng Rong-Ting The EAS electron density spectrum 1-49465
- Chen Yong, Chi-yuen Wang Thermally induced acoustic emission in Westerly granite 1-40118
- Chen You-peng see Dai Guo-cai 1-52562
- Chen Yun-Tai, Guo Hui-Ding, Lu Zao-Xun Variations of gravity before and after the Haicheng earthquake, 1975 and the Tangshan earthquake, 1976 1-4426
- Chen Zhong-xiang, Liu Ci-qun Theory of fluid displacement in a medium with double-porosity 1-2072
- Chen Zhongxiang, Jiang Lishang Exact solution for the system of flow equations through a medium with double-porosity 1-19801
- Chen-Huei Tang see Tang Chen-Huei
- Chen-Hwa Chiu, Newton, C.L. Second law analysis in cryogenic processes 1-14124
- Chen-Yih Hsu see Meyers, M.A. 1-20315
- Chenakin, S.P. see Vasil'ev, M.A. 1-3555, 1-8178, 1-35138
- Chenavas, J. see Bochu, B. 1-15878
- Chenavas, J. see Hodeau, J.L. 1-38363
- Chenavas, P. see Filhol, A. 1-15881
- Chenebault, P. see Cartwright, D.K. 1-823
- Chenette, D.L., Cooper, J.F., Eraker, J.H., Pyle, K.R., Simpson, J.A. High-energy trapped radiation penetrating the rings of Saturn 1-40394
- Chenette, D.L. see Bastian, T.S. 1-40392
- Chenette, D.L. see Simpson, J.A. 1-40391
- Cheneras-Paule, A. Study of in-gap states in hydrogenated amorphous silicon by thermally and optically stimulated current measurements 1-52577
- Cheneras-Paule, A. see Olivier, M. 1-53004
- Cheney, R.E., Richardson, P.L., Nagasaka, K. Tracking a Kuroshio cold ring with a free-drifting surface buoy 1-32446
- Cheng, A.F. Two dimensional magnetic merging and reconnection 1-44427
- Cheng, A.F. Effects of Io's volcanos on the plasma torus and Jupiter's magnetosphere 1-49562
- Cheng, B. see Kiang, G.C. 1-5693
- Cheng, B.K. The bounded system of N equal-mass distinguishable hard particles 1-5094
- Cheng, B.T. see Jain, P.L. 1-45374
- Cheng, B.-Y. see Calder, I.D. 1-16032
- Cheng, C.-C., Smith, J.B., Jr., Tandberg-Hanssen, E. Morphology and spatial distribution of XUV and X-ray emissions in an active region observed from Skylab 1-4850
- Cheng, C.H., Jones, K.A. The growth of, and the formation of grain boundaries in, Cu₂S films grown on faceted single crystal CdS substrates 1-34590
- Cheng, C.P. see Barber, D.P. 1-534, 1-28309
- Cheng, C.S. see Pan Yu-yung 1-48323
- Cheng, C.W., King, J.D. Stellar rates for the ²⁴Mg(α , n)²⁷Si, ²⁵Mg(p, n)²⁶Al, ²⁷Al(p, n)²⁸Si, and ²⁸Si(α , n)³¹S reactions 1-22672
- Cheng, C.W., King, J.D. Cross section and thermo-nuclear reaction rates for the ³⁸Ni(p, γ)³⁹Cu reaction 1-33261
- Cheng, C.-W., Saha, S.K., Keinonen, J., Mak, H.-B., McLatchie, W. Hydrogen burning of ³⁹K in explosive oxygen burning 1-54474
- Cheng, C.Z., Chen, L. Unstable universal drift eigenmodes in toroidal plasmas 1-2184
- Cheng, C.Z. see Liu Chen 1-19890
- Cheng, C.Z. see Okuda, H. 1-46856
- Cheng, D. see Tu Chen 1-12347
- Cheng, D.P. see Barber, D. 1-14407
- Cheng, E. see Galvin, J.M. 1-9037
- Cheng, E.S. see Boughn, S.P. 1-54664
- Cheng, E.T., Wong, C.P.C., McCorkle, K.H., Jr., Trester, P.W., Shultz, K.R. High-temperature thermochemical water splitting cycle fusion reactor design considerations 1-50945
- Cheng, E.T., Wong, C.P.C., Rovner, L.H. A scoping nucleonics study for fusion high-temperature blanket designs 1-18889
- Cheng, E.T., Yang, T.F. Shielding considerations for bundle divertors 1-50937
- Cheng, H.S. see Diamond, D.J. 1-50862
- Cheng, H.S. see Lu, M.S. 1-28677
- Cheng, J., Boyd, G.D., Storz, F.G. A scanning electron microscope study of columnar topography and liquid-crystal alignment on obliquely deposited oxide surfaces at low rates 1-25155
- Cheng, J. see Wagner, R.E. 1-6680
- Cheng, K.T., Kim, Y.-K., Desclaux, J.P. Electric dipole, quadrupole, and magnetic dipole transition probabilities of ions isoelectronic to the first-row atoms, Li through F 1-37157
- Cheng, K.T. see Brooks, R.L. 1-6368
- Cheng, K.T. see Johnson, W.R. 1-1188
- Cheng, K.Y. see Lee, T.P. 1-26388
- Cheng, P. see Hsu, C.T. 1-37943
- Cheng, R. see Hogan, A. 1-9235
- Cheng, R.J. Physical properties of atmospheric particulates 1-8783
- Cheng, R.K. see Talbot, L. 1-37872
- Cheng, T.P., Ling-Fong Li μ - ν in theories with Dirac and Majorana neutrino-mass terms 1-23496
- Cheng, T.P., Ling-Fong Li Neutrino masses, mixings, and oscillations in SU(2) \times U(1) models of electroweak interactions 1-33145
- Cheng, W.H., Kung, H.H. Chemical properties of anion vacancies on zinc oxide 1-34558
- Cheng, W.K., Goulard, B. Axial meson-exchange currents in nuclear weak interactions 1-41079
- Cheng, Y.C., Loutfy, R.O. 'Defect state model' and effect of transition metal impurities on metal-free phthalocyanine: electrical and photoconductive properties 1-7656
- Cheng, Y.C. see Loutfy, R.O. 1-7555
- Cheng, Y.S. see Leith, E.N. 1-37427
- Cheng Chen CNDO-MO calculation of N₂F_m molecules 1-1109
- Cheng Fuzhen see Cao Shenglin 1-32770
- Cheng Huan-sheng, Tang Chia-yong, Xu Zhi-wei, Yang Fu-chia, Zhao Guo-qing, Zhou Zhu-yong Application of ion backscattering techniques to surface microanalysis 1-25544
- Cheng Hung see Hung Cheng
- Cheng Ke-hua The imaging of a glass self-focusing plate 1-51569
- Cheng Ling see Besmann, T.M. 1-3700
- Cheng Lu, Zhang Bing-quan Scattering of laser beam by diffusing surfaces. II 1-46223
- Cheng Peng-zhu, Ma Xiao-hua, Luo Qi-guang, Yang Da-yu The preparation of transmission electron microscope specimen by electrolytic polishing method 1-50274
- Cheng Qian see Qian Cheng
- Cheng Tan-sheng see Zeng Jin-yan 1-18549
- Cheng Wang see Wang Cheng
- Cheng Wood-hi see Wood-hi Cheng
- Cheng Yi-Chen see Yi-Chen Cheng
- Cheng Yu Min see Yu Min Cheng
- Cheng Yue-Ying, Chen Jing-Zhang, Chen Liang-Chen The diffusion and distribution of catalyst metal nickel in polycrystalline diamond grown under ultra high pressure 1-48287
- Cheng Zhao-Nian see Wang De-Ning 1-42403
- Cheng Zhi-Xu see Li Zhu-Qi 1-46938
- Cheng-bing Zhou see Zhou Cheng-bing
- Cheng-En He see He Cheng-En
- Cheng-Fu Zhang see Zhang Cheng-Fu
- Cheng-guang Bao see Bao Cheng-guang
- Cheng-he Xu see Xu Cheng-he
- Cheng-Kuo Hsiao see Loutfy, R. 1-12144
- Cheng-Li Wu The summing method of two-boson diagrams in the nuclear field theory 1-18538
- Cheng-Li Wu, Da Hsuan Feng The boson-fermion hybrid wavefunction and the probabilities of boson states in nuclei 1-14481
- Cheng-lian Wei see Wei Cheng-lian
- Cheng-lin Cao see Cao Cheng-lin
- Cheng-rui Ching, Tso-hsiu Ho, Chao-hsi Chang On (π) atoms produced in K_L⁰ decay 1-40985
- Cheng-rui Qing see Qing Cheng-rui
- Cheng-shan Fan see Fan Cheng-shan
- Cheng-wu Chai see Chai Cheng-wu
- Cheng-wu Ma see Ma Cheng-wu
- Cheng-xu Wang see Wang Cheng-xu
- Cheng-Zi Zhu see Zhu Cheng-Zi
- Chengxiu Li see Li Chengxiu
- Chenis, A., Matulis, A. Negative differential conductivity in the case of electron scattering by optical phonons at low temperatures 1-52571
- Chenis, A. see Matulis, A. 1-2966
- Chenpin Chang, Shabestary, N., El-Bayoumi, M.A. Excited-state double proton transfer in 1-azabenzazole hydrogen-bonded dimers 1-8582
- Chenskii, E.V., Tkach, Yu.Ya. Effect of Coulomb interaction on the spectrum of the surface states of a semiconductor as depending on the degree of their occupation 1-30800
- Chentsov, S.F., Korolev, V.V., Bazhin, N.M. Spectra and photochemistry of hydrogen atoms in aqueous solutions of hydrohalic acids at 77K 1-1156
- Chentsov, Yu.N. Influence of complex modification on intercrystalline iron adsorption of harmful impurities in cast iron 1-31465
- Chenyi Zhang see Zhang Chenyi
- Cheo, B. see Kuo, S. 1-2253
- Cheon, B. see Ikeda, I. 1-38133
- Cheon Il-Tong see Il-Tong Cheon
- Cheon Ki Jae see Ki Jae Cheon
- Cheparukhin, V.V. see Golikov, Yu.K. 1-1472
- Chepelev, V.Ya. see Rogovoi, I.D. 1-36723
- Chepelev, Yu.I. see Rez, I.S. 1-3337
- Chepenko, V.G. see Kasperovich, S.A. 1-39994
- Chepigina, V.I. see Oganesyan, Yu.Ts. 1-50655
- Cheplakov, A.P. see Abdrakhmanov, E.O. 1-722
- Cheplakov, A.P. see Baatar, Ts. 1-18655
- Chepur, D.V. see Khimnits, V.P. 1-34239
- Chepur, D.V. see Kutsenko, Ya.P. 1-16573
- Chepurnykh, G.K., Tarasenko, S.V. Nuclear magnetoacoustic resonance in easy-axis antiferromagnets 1-26049
- Cher Gu Khvan see Khvan Cher Gu
- Cheradame, H., Souquet, J.L., Latour, J.M. Ionic conductivity of macromolecular networks. I. Polyether filled with sodium tetraphenylborate 1-2687
- Cherdantsev, P.A. see Adeev, G.D. 1-28492, 1-36963
- Cherednik, I.V. Certain S-matrices associated with Abelian manifolds 1-446
- Cherednik, I.V. Conservation laws and elements of scattering theory for principal chiral fields (d=1) 1-14274
- Cherednik, I.V. On integrability of the equation for two-dimensional asymmetrical chiral O(3) field and its quantum analogue 1-36812
- Cheremisina, A.A., Schastnev, P.V. Effects of spin-orbital interactions on ¹³C NMR chemical shifts in halogen-substituted methanes 1-14942
- Cheremisina, A.A., Schastnev, P.V. A treatment within the INDO approximation of the effect of α -substituents on δ ¹³C chemical shifts 1-19031
- Cheremiskina, I.V. see Deryugin, L.N. 1-6574
- Cheremisinov, I.Ya. see Ruzhinskiy, L.N. 1-33594
- Cheremskoy, P.G., Burlakova, M.V., Il'inskiy, A.I., Savchenko, I.A., Lyakh, G.E., Khlistun, I.N. On morphology of the strengthened phase in precipitation-strengthened compositions 1-47418
- Cheremukhin, A.S. see Kotikov, V.N. 1-17126
- Cheremukhina, Z.P. see Avdeyevskiy, V.S. 1-9396
- Cherenda, N.G. see Bobkova, N.M. 1-21199
- Cherenkevich, S.N. see Volod'ko, L.F. 1-4251
- Cherenkov, P.A. see Alfierov, D.F. 1-29199
- Cherenkov, V.A., Rogel'berg, I.L., Beilin, V.M. Thermal transducer based on resistive alloy Ni + Mn 1-18226
- Cherenkov, V.A. see Vedyayev, A.V. 1-47612
- Cherenkov, V.A. see Vedyayev, A.V. 1-30946
- Cherepanina, L.I., Pyrkov, V.P., Vizir, L.A., Soldatova, G.M., Denisov, A.N. Synthesis and investigation of ceramic pigments in the system MgO-NiO-Al₂O₃-SiO₂ 1-12697
- Cherepanov, A.N. Stationary kinetic model of a dendrite two-phase zone 1-42664
- Cherepanov, B.S. see Timofeev, V.N. 1-16834
- Cherepanov, G.P. Invariant Γ integrals 1-46700
- Cherepanov, G.P., Kuliev, S.A. Plates and shells of variable thickness 1-19559
- Cherepanov, V.I., Rumyantsev, E.L., Babushkin, A.N., Pomerantsev, I.E. Symmetry analysis of the fundamental vibrations of lead germanate 1-30335
- Cherepanov, V.I. see Startsev, V.E. 1-12094
- Cherepanov, V.M. see Irshinskiy, A.L. 1-12297
- Cherepanov, V.N. see Antipov, A.B. 1-24161
- Cherepanova, T.A. Dependence of thermodynamic forces on stochastic processes for equations of Fokker-Planck type 1-14089
- Cherepashchuk, A.M. Periodic variability of HD 50896 - a Wolf-Rayet star associated with a ring nebula 1-54517
- Cherepashchuk, A.M. SS 433 as an eclipsing binary 1-54518
- Cherepin, V.T. see Vasil'ev, M.A. 1-3555, 1-8178, 1-35138
- Cherepkov, N.A. On the applicability of non-relativistic theory for photoelectron polarisation calculations 1-24086
- Cherepkov, N.A. Angular distribution of molecular photoelectrons with defined spin orientation 1-41428
- Cherepkov, N.A., Chernysheva, L.V. Capture of μ mesons by He atoms 1-6397
- Cherepinin, Yu.S. see Groznov, V.N. 1-10613
- Cherevko, M.A. Diffraction of SH-waves on a series of hollow circular inclusions 1-19602
- Cherezov, A.A. see Arslanov, V.V. 1-7424
- Cherin, A.H., Gardner, W.B. Fiber measurement standards 1-6669
- Cherin'ko, V.N. see Gerashchenko, O.A. 1-251
- Cherkashin, V.A. see Medvedevskii, L.I. 1-28526
- Cherkashin, V.A. see Starizyniy, E.S. 1-23926
- Cherkasov, A.N. see Galkin, A.A. 1-43014
- Cherkasov, A.P. see Kim, P.D. 1-30997
- Cherkasov, A.S. Quasi-alpha-particle absorption of photons in light nuclei 1-23634
- Cherkasov, A.S., Shirokov, V.I. Effect of temperature on the radiative lifetime of the excited state in solutions of anthracene compounds 1-46027
- Cherkasov, A.S. see Arstov, A.V. 1-29273
- Cherkasov, A.S. see Snegov, M.I. 1-43167
- Cherkasov, E.V. see Semenov, A.E. 1-26213
- Cherkasov, G.N. Traces of post-triassic volcanism on the Siberian platform 1-22310
- Cherkasov, M.R. see Petrova, A.I. 1-29044
- Cherkasov, S.G. Combined convection of a viscoplastic liquid in a plane vertical layer 1-29731
- Cherkasov, V.A. see Balayan, G.G. 1-40888
- Cherkasov, V.A. see Maiboroda, V.D. 1-28096
- Cherkasov, V.S., Vylegzhanin, O.N. Quantum-chemical study of many-fragment molecules containing the carbonyl group. I. Photoelectron spectrum 1-6319
- Cherkasov, V.S., Vylegzhanin, O.N. Quantum-chemical study of multifragment molecules containing a carbonyl group. II. Electronic spectra 1-24051
- Cherkasov, Yu.A., Borodkina, M.S., Burov, P.A., Zelenina, L.I., Kislovskiy, I.L., Kryukov, V.V., Lopatko, A.D., Postnikov, A.A., Prytkhin, Yu.A., Chel'tsova, T.V. Photothermo-plastic films for microfilming 1-40885
- Cherkasova, T.G. see Serebrennikov, V.V. 1-30172
- Cherkasova, V.G. see Fogel', N.Ya. 1-47826
- Cherkesov, L.V. see Dotsenko, S.F. 1-37951
- Cherkesov, L.V. see Suvorov, A.M. 1-9167
- Cherkezian, S.A. see Perkalina, T.M. 1-34918

- Cherkis, A.P. *see* Seifer, A.L. 1-6908
- Chermant, J.L., Coster, M., Mordike, B.L. Sintering and grain growth in titanium carbide 1-53149
- Chermant, J.L. *see* Coster, M. 1-8519
- Chermant, J.-L., Coster, M., Jernot, J.-P., Dupain, J.-L. Morphological analysis of sintering 1-53116
- Chermette, H. *see* Michel-Calendini, F.M. 1-34626, 1-52485
- Chern, J.M. A simplified approach to creep buckling of structures under varying loads 1-29588
- Chernavskii, S.Ya., Trekova, N.A., Koryakin, Yu.I. Optimization of nuclear power system integrated within COMECON 1-23870
- Chernavtseva, G.A. *see* Emel'yanenko, L.P. 1-8310
- Chernenko, I.M. *see* Gavril'yuk, V.I. 1-38835
- Chernenko, S.P. *see* Anisimov, Yu.S. 1-14728, 1-45785
- Chernenko, V.A. *see* Butylenko, A.K. 1-3177
- Chernetski, A.V. *see* Popov, N.A. 1-2264
- Chernetski, V.K., Mokryi, N.I., Il'ichev, V.Ya., Abushenkov, I.D. Devices for measuring strength, strain characteristics, and moduli of elasticity of sheet materials at low temperatures 1-21670
- Cherneych, T.G. *see* Shustina, O.A. 1-48025
- Cherniey, E.A. *see* McCorm, T.R. 1-9205
- Chernienko, V.V., Martukhin, I.D. Effect of niobium, molybdenum, and tungsten on some properties of iron-boride materials 1-31470
- Chernii, V.P. Determination of the flexibility of curved pipes with reinforced edges 1-19578
- Chernik, I.A. *see* Lykov, S.N. 1-20746
- Chernikov, I.Ya., Trubin, V.N., Tepikin, Yu.S., Tepikina, I.S. Formation of fine-grained structure in forgings of steel 60KhN 1-16820
- Chernikov, N.A., Shavokhina, N.S. Example of relativistic two-body problem. I. Boundary-value problem for minimal surface 1-27777
- Chernikova, D.M. Hysteresis in the development of the charged liquid surface 1-30505
- Chernin, A.D. *see* Zentsova, A.S. 1-36438
- Chernin, A.D. *see* Zentsova, A.S. 1-9746
- Chernin, A.D. *see* Zil'berglit, A.S. 1-22904
- Chernin, S.M. *see* Kogan, A.V. 1-267
- Chernitsova, N.M., Pudovkina, Z.V., Voronkov, A.A., Ilyukhin, V.V., Pyatenko, V.A. Imandrite $\text{Na}_2\text{Ca}_2\text{Fe}_2[\text{Si}_2\text{O}_7]_2$ —a representative of a new branch in the lovozerite structural family 1-30195
- Chernitsova, N.M. *see* Pudovkina, Z.V. 1-20168
- Chernobai, V.A. Calculating hydraulic resistance in channels accompanying boiling of underheated liquid 1-6858
- Chernobay, V.A., Vasil'yev, A.F., Perkov, S.V., Shpakovskiy, V.A., Furayev, V.S. Pressure drop in boiling in annuli with turbulence promoters 1-29677
- Chernoberevskii, V.V. *see* Vinogradov, B.D. 1-37686
- Chernobrovkina, D.L., Kutolin, S.A. Physicomathematical prediction of multicomponent materials. [Dielectrics] 1-42665
- Chernobrovkina, N.A. *see* Kazimirovskiy, E.S. 1-22560
- Chernoburov, E.I. *see* Klekovkin, V.A. 1-27264
- Chernoff, P.R. *see* Cirincione, R.J. 1-50303
- Chernoluski, D.L. *see* Chutov, Yu.I. 1-25095
- Chernook, S.G. *see* Akimchenko, I.P. 1-30780
- Chernopiskii, D.I. Stressed state of thick-walled corrugated spherical shells 1-19575
- Chernoplekov, N.A. *see* Panova, G.Kh. 1-12093
- Chernoplekov, N.A. *see* Shitikov, Yu.L. 1-52242
- Chernoplekov, N.A. *see* Strykh, G.F. 1-25393
- Chernorukov, N.G., Egorov, N.P., Korshunov, I.A. Niobium arsenate crystal hydrate $\text{NbOAsO}_4 \cdot 2\text{H}_2\text{AsO}_4 \cdot 5\text{H}_2\text{O}$ and its thermal decomposition products 1-38341
- Chernov, A.A., Rusaikin, M.P. Capture of impurities by crystal growth from a gas phase when the substance is asymmetrically captured by steps 1-7104
- Chernov, A.A., Sipagin, V.V. Peculiarities in crystal growth from aqueous solutions connected with their structures 1-38316
- Chernov, A.A. *see* Aizenberg, I.A. 1-2375, 1-31325
- Chernov, A.G., Kuts, F.M., Ostrovsky, L.A., Pleshkov, V.E., Polumordvinova, I.G. Gas cooled reactor plant once-through steam generator dynamics: mathematical model and construction principles of steam generator automatic control system 1-28580
- Chernov, A.P., Dembovskii, S.A., Kalinnikov, V.T. Glass formation in the Ti-Ti-Si system 1-38286
- Chernov, A.P. *see* Alekseeva, O.K. 1-3531
- Chernov, A.P. *see* Kanishcheva, A.S. 1-25231
- Chernov, A.S. *see* Voloshin, I.F. 1-43016
- Chernov, D.B. *see* Bratchikov, A.D. 1-35216
- Chernov, D.B. *see* Monasevich, L.A. 1-3850
- Chernov, G.M. *see* Azimov, S.A. 1-50473
- Chernov, G.M. *see* Gilel's, A.M. 1-24374
- Chernov, G.Ya. *see* Akkerman, A.F. 1-2296
- Chernov, I.P. *see* Vershinin, G.A. 1-710
- Chernov, K.G. *see* Kurkin, I.N. 1-21043
- Chernov, O.P. *see* Ignatov, A.A. 1-15930
- Chernov, S.A. Temperature dependence of the efficiency of generation of Frenkel defects in alkali halide crystals 1-25263
- Chernov, S.A. *see* Kotomin, E.A. 1-20198
- Chernov, S.B. *see* Kocharov, G.E. 1-40206
- Chernov, S.F. *see* Distler, G.I. 1-30308
- Chernov, S.M., Zhilik, K.K., Lukomskii, A.N., Lamekin, P.P. Determination of the refractive index of homogeneous cylindrical fibers 1-29397
- Chernov, V.A., Nakorchevskiy, A.I. Automated probing method for recognition of phases in multiphase turbulent flows 1-34032
- Chernov, V.G. *see* Alexeev, V.N. 1-52169
- Chernov, V.N. *see* Morozov, V.V. 1-51538
- Chernov, V.V. *see* Gorskii, S.M. 1-19498
- Chernov, V.Yu., Lents, R.O., Bondarev, A.A., Rabkin, D.M. The creep and heat resistance of aluminum piston alloys 1-35330
- Chernov, Ya.B. *see* Belyaeva, G.I. 1-8484
- Chernova, A.I. *see* Fistul', V.I. 1-20474
- Chernova, A.I. *see* Yakimova, E.E. 1-21809
- Chernova, G.S. *see* Fedorishcheva, E.E. 1-37386
- Chernova, G.S. *see* Fridman, L.A. 1-34910
- Chernova, N.I. *see* Loseva, M.V. 1-3324
- Chernova, N.I. *see* Rabinovich, A.Z. 1-34992
- Chernovitz, P.A. *see* Bose, S.K. 1-39877
- Chernoyarskii, A.A. *see* Vasil'yev, Yu.S. 1-5272
- Chernoyarskii, A.A. *see* Zagorskii, Ya.T. 1-5271
- Chernozatonskii, L.A. Dynamic polarization echo in crystals 1-41904
- Chernozatonskii, L.A., Ermolaeva, I.V. Influence of alternating drift of carriers on propagation of surface waves in layer structures 1-20540
- Cherns, D., Hirsch, P.B., Saka, H. Mechanism of climb of dissociated dislocations 1-11764
- Chernyaev, V.N. *see* Chetverikov, N.I. 1-29634
- Chernyaeva, O.M. *see* Delektorskii, B.A. 1-25980
- Chernyak, B.Ya. *see* Agranovich, V.M. 1-25647
- Chernyak, E.Ya. *see* Bogod, A.B. 1-2021
- Chernyak, E.Ya. *see* Zakurdaev, I.V. 1-30531
- Chernyak, G.Ya., Sharapanov, N.N., Yakovleva, T.V. Type TAU-VP digital automatic apparatus 1-27274
- Chernyak, O.I. *see* Anisimov, V.V. 1-36567
- Chernyak, O.I. *see* Svistunov, V.M. 1-42895
- Chernyak, O.V., Oleinikov, L.Sh., Pavlova, E.K. Automatic system for cooling radiation detectors by means of a cryogenic liquid 1-40797
- Chernyak, V.G. *see* Beresenev, S.A. 1-53479
- Chernyak, V.L. *see* Avdeenko, V.A. 1-50437
- Chernyak, V.S. Preparation of radio images of objects 1-33638
- Chernyak, V.Ya. Ionizer for mass-spectrometric analysis of the neutral component of a plasma 1-45070
- Chernyakov, V.E. *see* Avrorin, E.N. 1-18884
- Chernyakov, V.N., Kuktchevich, V.I. Broad-band infrared frequency detector and mixer based on a contact of metal-oxide-metal structure 1-45018
- Chernyakova, T.G. *see* Mukhina, L.L. 1-16163
- Chernyakova, T.G. *see* Orlov, D.L. 1-39480
- Chernyavski, M.M. *see* Adamovich, M.I. 1-45317
- Chernyavski, M.M. *see* Fiorino, A. 1-50583
- Chernyavskii, A.N., Preis, G.A., Smirnov, N.S., Tolstopiatov, R.V. Residual stresses in a silicate coating 1-3999
- Chernyavskii, G.A. *see* Obukhov, G.G. 1-44109
- Chernyavskii, K.S., Rudakov, Yu.F., Pirogova, N.N. Point method of stereological reconstruction 1-48606
- Chernyavskii, K.S. *see* Tret'yakov, V.I. 1-16716
- Chernyavskii, L.I. *see* Lavrent'ev, Yu.G. 1-21803
- Chernyi, A.V. On one method for solving systems of linear equations with rectangular matrices and its application to geophysical data interpretation 1-4634
- Chernyi, F.B., Novozhilov, V.I., Bepalenko, A.V. The use of metal-air lens and waveguide constructions for physical modelling of the propagation and scattering of radio waves in plasma 1-24979
- Chernyi, L.T. *see* Pribylov, V.N. 1-24879
- Chernyi, V.M. *see* Shifrin, L.I. 1-44034
- Chernyi, V.V. *see* Borshch, A.A. 1-8036, 1-33640
- Chernyi, V.V. *see* Kucherov, V.I. 1-2204
- Chernyi, V.V. *see* Lappo, M.T. 1-42430
- Chernyi, Yu.F., Tkachenko, F.K., Spuskanuk, V.Z., Mel'nichenko, A.I., Lyadskaya, A.A. Effect of cold hydrostatic extrusion on processes occurring during heating and cooling of high-speed steels 1-8304
- Chernykh, E.M. *see* Nikolaev, A.F. 1-12794
- Chernykh, K.F. Some aspects of the linear theory of shells 1-6766
- Chernykh, N.S. *see* Kazimirchak-Polonskaya, E.I. 1-17791
- Chernykh, V.A. *see* Bezhevol'nyi, S.I. 1-51605
- Chernykh, V.A. *see* Zolotov, E.M. 1-1692, 1-33800
- Chernysh, V.Yu., Shereshevskii, S.N., Semenov, A.A. Type EVIP-601 apparatus for pulse methods of electrical geophysical exploration 1-27270
- Chernyshenko, I.S. *see* Guz', A.N. 1-19561
- Chernyshenko, S.I. An energy condition for generating auto-oscillations 1-27772
- Chernyshev, A.V. *see* Balashov, Yu.S. 1-15954
- Chernyshev, A.V. *see* Zaitsep, N.N. 1-30987
- Chernyshev, I.M. *see* Volkov, A.A. 1-8166
- Chernyshev, L.E. *see* Morozov, V.V. 1-33754
- Chernyshev, L.I. *see* Fedorchenko, I.M. 1-31384
- Chernyshev, V.K., Davydov, V.A. Generation of the magnetic flux by multiscade capture 1-33028
- Chernyshev, V.K., Zharinov, E.J., Demidov, V.A., Kazakov, S.A. High-inductance explosive magnetic generators with high energy multiplication 1-33027
- Chernyshev, V.M. *see* Zhoga, V.V. 1-15433
- Chernysheva, E.V. *see* Voronov, F.F. 1-34397
- Chernysheva, L.V. *see* Amusia, M.Ya. 1-33434
- Chernysheva, L.V. *see* Cherepkov, N.A. 1-6397
- Chernysheva, S.P. *see* Bandilyat, O.I. 1-4712
- Chernysheva, S.P. *see* Danil'chenko, D.P. 1-4568
- Chernyshov, A.A. *see* Dorner, B. 1-42487
- Chernyshov, A.A. *see* Vindryayevskiy, B.A. 1-38613
- Chernyshov, A.I. Some distinguishing features of crystallization of ZnSe 1-7161
- Chernyshov, A.V. *see* Balashov, Yu.S. 1-52233
- Chernyshov, A.V. *see* Skripnikov, I.A. 1-42450
- Chernysheva, G.L. *see* Andreev, V.V. 1-42462
- Chernysheva, L.I. *see* Borodin, V.A. 1-31339
- Chernysheva, N.A. *see* Chevela, O.B. 1-4001
- Chernyuk, M.V., Usova, G.V., Kaitanova, Z.N. Activities of the Swedish firm 'Atlas Copco ABEM AB' in the area of mining geophysics 1-27293
- Chernyy, F.B., Pkhlagov, A.B., Slutsker, S.M. Computation of the field of dielectric radio waves on the basis of the parabolic equation of Leontovich-Fok 1-22602
- Chernyy, G.G., Zubarev, V.M. Boundary layer on a moving surface. Non-self-similar solutions 1-29644
- Cheron, B. Relaxation of Hg metastable 6^3P_0 atoms 1-10677
- Cheron, G., Hainaut, K. Effects of aging on the sensory-motor system of the normal man 1-8886
- Cheron, R., Leroy, M. Study of the pressure exerted by a magnetic field on a plane conductor. Resulting strains 1-46191
- Cherpak, N.T., Mysenko, V.V., Peskovskiy, S.A., Smirnova, T.A. Quantum amplification at frequencies of 40-60 GHz in a slow-wave system with andalusite 1-15135
- Cherpak, N.T. *see* Mishenko, V.V. 1-46272
- Cherpakov, P.V., Milovskaya, L.S., Kosarev, A.A. Solution of nonlinear heat-conduction problems for a semitransparent body 1-46655
- Cherruau, F. Training of research reactor personnel 1-5988
- Cherry, A. Wafer holder for LPE film growth 1-39252
- Cherry, B.W., Price, S.M. Pitting, crevice and stress corrosion cracking studies of cold drawn eutectoid steels 1-53330
- Cherry, B.W., Thomson, K.W. Crack tip processes and the adhesive-cohesive transition in the environmental fracture of adhesive joints 1-16872
- Cherry, J.A. *see* Grisk, G.E. 1-36010
- Cherry, M.L., Chupp, E.L., Dunphy, P.P., Forrest, D.J., Ryan, J.M. Statistical evaluation of gamma-ray line observations 1-49492
- Cherry, R.J., Nigg, E.A. Oligosaccharide motion in erythrocyte membranes investigated by picosecond fluorescence polarization and microsecond dichroism of an optical probe 1-53764
- Cherry, R.J. *see* Nigg, E.A. 1-21991
- Cherskii, N.V. *see* Trofimuk, A.A. 1-22340
- Chertok, I.M. *see* Akin'yan, S.T. 1-22575
- Chertok, I.M. *see* Bakunin, L.M. 1-9467
- Chertorizhskii, K.V. *see* Novikova, O.A. 1-26646
- Chertov, V.M. *see* Zelenstov, V.I. 1-21783
- Chervenak, J. *see* Schier, W. 1-41156
- Chervenak, J.G., van Lint, V.A.J. Conductivity of highly doped air 1-34036
- Chervin, J.C. *see* Le Touleuc, R. 1-35002
- Chervin, J.C. *see* Polian, A. 1-12503, 1-35059, 1-48060
- Chervinskii, V.F. *see* Bityukov, S.M. 1-43338
- Chervonenkis, A.Ya. *see* Lisovskii, F.V. 1-30996
- Chervonenkis, A.Ya. *see* Podpal'y, E.A. 1-41645
- Chervyakov, I.B. *see* Vinogradov, V.N. 1-16899
- Chesalin, L.S. *see* Matveenko, L.I. 1-17893
- Chesalov, M.M. Third-order elastic modulus of simple metals 1-31514
- Chescoe, D. *see* Goodhew, P.J. 1-15759
- Chesheleva, L.R. *see* Zaitsev, V.A. 1-3994
- Cheshire, K.B. Improvements in instrumentation for the manufacture of high quality steel (automatic temperature measurement) 1-23238
- Chesnitskaya, E.A. *see* Samoilovich, Yu.A. 1-3800
- Chesnokova, N.N. *see* Agreva, A.A. 1-31501
- Chesnutt, J.C. *see* Froes, F.H. 1-48513
- Chesnyi, A.S. *see* Topol', I.A. 1-28872
- Chess, C.A. *see* Park, H.L. 1-26218
- Cheslet, R. *see* Dehaers, F. 1-4509
- Chessin, S.A. *see* Geaga, J.V. 1-28449
- Chester, B. Resistive strain gauges 1-40778
- Chester, E.H. *see* Saidel, G.M. 1-4307

- Chester, G.V., Reatto, L. Temperature dependence of spatial correlations in liquid ^4He and the Bose-Einstein condensation 1-25518
- Chester, G.V. see Lee, M.A. 1-52382
- Chester, M. see Webster, E. 1-25525
- Chesters, A.K., Van Doorn, M., Goossens, L.H.J. A general model for unconfined bubble plumes from extended sources 1-19781
- Chestnut, R. see Partridge, R. 1-10207
- Chestnut, R.P. see Christensen, P.R. 1-18663
- Chetaev, D.N. Local structure of magneto-telluric field 1-13390
- Chetchev, A.N. see Botcharov, U.N. 1-33021
- Chetoui, A. see Briand, J.P. 1-23607, 1-24095
- Chetoui, A. see Rozet, J.P. 1-29091
- Chetkauskaitė, A.V. see Broun, I.I. 1-17368
- Chetkin, M.V., Akhutkina, A.I., Ermilova, N.N., Kondratyuk, D.I. Motion of a domain boundary in yttrium orthoferrite at limiting and trans-limiting velocities 1-25977
- Chetkin, M.V., Shalygin, A.N., de la Kampa, A. Measurement of the velocity of motion of domain boundaries by a magneto-optical method 1-50179
- Chetkin, S.A. see Apollonov, V.V. 1-1612
- Chetverikov, N.I., Serzhantov, A.M., Chernyakov, V.N. Measurement of internal stresses in films 1-29634
- Chetverikov, V.V. see Moskin, L.N. 1-28712
- Chetwynd, D.G. Dimensioning nominal circles: the resolution of conflicting ideas 1-23158
- Chetyrkin, K.G., Kataev, A.L., Tkachov, F.V. New approach to evaluation of multipole Feynman integrals: the Gegenbauer polynomial x-space technique 1-10072
- Chetyrkin, K.G., Kataev, A.L., Tkachov, F.V. Five-loop calculations in the g_0^4 model and the critical index η 1-50321
- Cheuk-Yin Wong, Blankenbecler, R. Direct fragmentation and hard-scattering processes in relativistic heavy-ion reactions 1-23623
- Cheuk-Yin Wong, Davies, K.T.R. Influence of particle collisions on the time-dependent Hartree-Fock fusion window in $^{16}\text{O}+^{40}\text{Ca}$ 1-14565
- Cheung, A.C. see Matsakis, D.N. 1-22855
- Cheung, C.Y., Henley, E.M., Miller, G.A. Charge symmetry breaking in the neutron-proton system 1-18648
- Cheung, D.T. Direct capacitive coupling of infrared detectors to CCD multiplexers 1-5378
- Cheung, D.T. see Chu, M. 1-3080
- Cheung, F.B. The boundary layer behavior in transient turbulent thermal convection flow 1-24807
- Cheung, F.B., Chan, S.H., Chawla, T.C., Cho, D.H. Radiative heat transfer in a heat generating and turbulently convecting fluid layer 1-1962
- Cheung, F.B. see Baker, L., Jr. 1-5876, 1-5882
- Cheung, F.B. see Epstein, M. 1-45691
- Cheung, H.P.Y., Clowes, R.M. Crustal structure from P- and S-wave analyses: ocean bottom seismometer results in the north-east Pacific 1-54027
- Cheung, J., Ashcroft, N.W. Screened polarization waves and the energies of simple metals: formulation 1-52516
- Cheung, J.T., Datz, S. Electron detachment from Cl^- in collisions with H_2 and D_2 ($5\leq E_{\text{rel}}\leq 550$ eV) 1-6345
- Cheung, K.Y., Steele, B.C.H. Homogeneity range of copper molybdenum sulphide $\text{Cu}_x\text{Mo}_y\text{S}_{3-y}$ 1-31440
- Cheung, K.Y., Steele, B.C.H. Preparation and mass transport properties of Li_2MoS_7 1-34511
- Cheung, L., Springette, B.E. Model calculations of the interaction between an AC coronator and a moving dielectric [electrophotography] 1-20023
- Cheung, L.H., Frogel, J.A., Gezari, D.Y., Hauser, M.G. 1.0 millimeter maps and radial density distributions of southern H II/molecular cloud complexes 1-13823
- Cheung, L.M. see Bishop, D. 1-33577
- Cheung, L.M. see Bishop, D.M. 1-45928
- Cheung, N.H. see Tully, F.P. 1-29087
- Cheung, N.K. see Young, W.C. 1-11156
- Cheung, N.W. Preparation of large-area monocrystalline silicon thin windows 1-2840
- Cheung, N.W., Mayer, J.W. Lattice-location experiment of the Ni-Si interface by thin-crystal channeling of helium ions 1-47129
- Cheung, N.W. see Lau, S.S. 1-2843
- Cheung, P.W. see Takatani, S. 1-32220
- Cheung, T.D., Kouvel, J.S., Garland, J.W. Giant-moment clusters in paramagnetic and weakly ferromagnetic Pd-Ni alloys 1-42947
- Cheung, T.T.P. Spin diffusion in NMR in solids 1-43031
- Cheung, T.T.P., Gerstein, B.C., Ryan, L.M., Taylor, R.E. High resolution ^1H solid state NMR studies of polyethyleneterephthalate 1-31051
- Cheung, T.T.P., Worthington, L.E., DuBois Murphy, P., Gerstein, B.C. Solid-state NMR studies of cadmium: ^{113}Cd -H cross polarization and magic-angle spinning 1-19118
- Cheung, W.Y. see Colson, S.D. 1-29066
- Cheung, Y.K. see Chao, J. 1-28546
- Cheung, Y.K. see Leung, Y.T. 1-51723
- Chevallier, J.P. Electric field in the vicinity of a conductor possessing symmetry of revolution around a common axis: case of drops in storm 1-44274
- Chevaleyre, J., Perrot, J.P. High resolution spectra of the red degraded bands of the $\text{B}^2\Sigma_u^+ - \text{X}^2\Sigma_g^+$ system of N_2^+ 1-41395
- Chevallier, B., Etourné, J., Hagenmüller, P., Georges, R. Magnetic and electrical properties of the rare earth oxytrinitides $\text{Eu}_{1-x}\text{Nd}_x\text{O}_{1-x}\text{N}_x$ 1-25913
- Chevallier, B. see Tarascon, J.M. 1-12599, 1-12600
- Chevalier, C., Ilavsky, S.A. Optical eclipses in 2S 0921-630 1-49721
- Chevalier, C. see Mouchet, M. 1-13883
- Chevalier, J., Baieras, J., Andro, P. Experimental study of different hopping processes for the conductivity of disordered Nb-N alloys 1-52560
- Chevalier, J.P. Preliminary electron microscopical observations of defects in cold rolled amorphous $\text{Cu}_{49}\text{Zr}_{51}$ 1-11678
- Chevalier, J.P. The application of dark-field electron microscopy to the study of short-range order in alloys 1-15767
- Chevalier, J.P. see Calvayrac, Y. 1-3783, 1-26419
- Chevalier, R. see Besse, J.-P. 1-20154
- Chevalier, R. see Picard, J.P. 1-20143
- Chevalier, R.A. see Kirshner, R.P. 1-49771
- Chevalier, Y. Photovoltaic conversion of solar energy in the 80s 1-39807
- Chevallier, J. see Bhattacharya, P.K. 1-52200
- Chevallier, M. see Burq, J.P. 1-23912
- Chevallier, P. see Briand, J.P. 1-23607, 1-24095
- Chevassier, A. see Billerey, R. 1-18675
- Chevassier, N. see Billerey, R. 1-18675
- Chevela, O.B., Orlova, L.M., Chernyshova, N.A. Ways of improving the quality of 80% Ni-20% Cr alloy coatings 1-4001
- Chevela, O.B. see Gadalov, V.N. 1-35301
- Chevnyuk, L.V. see Lyashenko, N.I. 1-16437, 1-30933
- Chevolkin, V.K. see Tyurin, E.L. 1-46929
- Chevray, R., Chan, Y.N.I., Hill, F.B. Dynamics of bubbles and entrained particles in the rotating fluidized bed 1-2059
- Chevreau, N. see Demazeau, G. 1-34665
- Chevreil, R. see Potel, M. 1-38357
- Chevreton, M. see Babot, D. 1-38797
- Chevreul, J. see Berar, J.F. 1-28146
- Chevrier, C. The nuclear needs of the industrialized countries 1-26827
- Chevrier, J. see Pearsall, T.P. 1-45013
- Chevskaya, O.N. see Filippov, G.A. 1-31509
- Chery, A. Growth of indium selenides by vapour phase chemical transport polytypism of indium monoselenide 1-35156
- Chery, A. see Polian, A. 1-35059
- Chery, A. see Portal, J.C. 1-47684
- Chew, G.F., Finkelstein, J., McMurtry, R.E., Jr., Poenaru, V. A topological theory of electric charge 1-50350
- Chew, K.T. see Chandna, O.P. 1-11474
- Chew, T.J.C. An electron microscopic study of an epoxy bonded silicon strain gage system for stress transducers 1-17019
- Chew Weng Cho see Weng Cho Chew
- Chexal, B. see Thomas, R. 1-45620
- Cheyne, M.C. see Lemaignan, C. 1-2370
- Cheyne, M.C. see Lemaignan, C. 1-26442
- Cheyne, M.-C., Eustathopoulos, N., Hicter, P., Desre, P. Thermodynamical calculation of the liquid to solid homogeneous nucleation temperature of pure metals 1-30359
- Cheyne, B. see Billerey, R. 1-18675
- Cheysac, P. see Kofman, R. 1-35017
- Cheze, J.B. see De Brion, J.P. 1-37066
- Chhabildas, L.C., Swegle, J.W. Dynamic pressure-shear loading of materials using anisotropic crystals 1-7259
- Chhabildas, L.C. see Assay, J.R. 1-7257, 1-39583
- Chhabra, R.P., Sridhar, T., Uhlherr, P.H.T., Potter, O.E. Predicting transport coefficients of liquids—a unified approach 1-2124
- Chhi-Chong Wu, Anna Chen Quantum effect on transverse magnetoresistance of degenerate piezoelectric semiconductors in strong magnetic fields 1-16304
- Chhun, T., Couderc, J.P. High flux mass transfer in liquid fluidization 1-19794
- Chi, C.C., Loy, M.M.T., Cronemeyer, D.C. Transient responses of superconducting lead films measured with picosecond laser pulses 1-38895
- Chi, C.C.J., Gallagher, W.J., Tsui, C.C. Scheme to drive magnetic flux lines in superconductors 1-30896
- Chi, K.C., Bunshah, R.F. Superconducting A-15 Nb₃Ge films produced by reactive evaporation 1-12663
- Chi An Jyong see Jyong Chi An
- Chi Chang-Yeul see Chang-Yeul Chi
- Chi Chow, T. see Yih-Shun Gou 1-34832
- Chi Chung Wang see Miskolczy, G. 1-48889
- Chi Kwan Lau, Tiku, S.K., Lakin, K.M. Growth of epitaxial ZnO thin films by organometallic chemical vapor deposition 1-12666
- Chi-Chang Chiang, Skinner, G.B. Absorption of H and D Ly- α radiation by O_2 molecules at high temperatures 1-14911
- Chi-Chang Sun see Sun Chi-Chang
- Chi-Chao Wu, Boggess, A., Gull, T.R. Lyman alpha fluxes of Seyfert galaxies and low-redshift quasars 1-49793
- Chi-Chao Wu, Gilra, D.P., Van Duinen, R.J. An ultraviolet extinction study of the rho Ophiuchi dark cloud 1-32734
- Chi-Chao Wu see Eaton, J.A. 1-9563
- Chi-Ching Liu see Jackson, D.D. 1-53956
- Chi-Cho Wu see Coleman, G.D. 1-9669
- Chi-Chung Yang see Kirtley, J.R. 1-3113
- Chi-Kuo Wang see Chih-Tang Sah 1-53611
- Chi-Mei Hsiao see Wu-Yang Chu 1-39512
- Chi-Mei Hsiao see Zhi-gang Xiao 1-53279
- Chi-Ming Huang, Buchwald, J.S. Changes of acoustic nerve and cochlear nucleus evoked potentials due to repetitive stimulation 1-4290
- Chi-Van Dao Kim see Kim Chi-Van Dao
- Chi-Yu Chen see Helbert, J.N. 1-47115
- Chi-yuen Wang see Chen Yong 1-40118
- Chi-Yuh Young see Ward, R.W. 1-22525
- Chia, C.Y. see Sathyaamoorthy, M. 1-33923
- Chia, T.T. see Milone, E.F. 1-9577
- Chia Tze, H. see Gursely, F. 1-411
- Chia-Bao Chow see Chow Chia-Bao
- Chia-Chung Sun see Sun Chia-Chung
- Chia-Ren Hu see Ham, T.E. 1-2742
- Chia-Wei Woo see Feijloo, L. 1-12249
- Chia-Wei Woo see Wang, S.C. 1-34568
- Chia-yong Tang see Tang Chia-yong
- Chiabrera, A. see Beltrame, F. 1-32332
- Chiam, T.C. see Unsworth, K. 1-24815, 1-33990
- Chian, A.C.-L. Relativistic nonlinear cyclotron waves in a warm electron-ion plasma 1-24971
- Chian, A.C.-L. Influence of ion motion in the inverse Faraday effect 1-51921
- Chianelli, R.R. see Liang, K.S. 1-30061
- Chianelli, R.R. see Whittingham, M.S. 1-13968
- Chiang, C. see Chadi, D.J. 1-47340
- Chiang, C. see Yao, Y.D. 1-7671
- Chiang, F.P. see Bailangda, M. 1-1831
- Chiang, F.P. see Lin, C.J. 1-19663, 1-46717
- Chiang, H.C., Hufner, H. Nucleons after pion absorption 1-45537
- Chiang, H.C., Hufner, J. One, two, infinity: a pragmatic approach to nuclear precompound reactions 1-23626
- Chiang, H.C. see Hachenberg, F. 1-18625
- Chiang, H.J., Worley, S.D. The use of the MNDO SCF MO method in UPS band-assignments for unsaturated hydrocarbons and fluorocarbons 1-14821
- Chiang, I.-H., Johnson, R.A., Kwan, B., Kycia, T.F., Li, K.K., Littenberg, L.S., Wijangco, A., Garren, L.A., Thaler, J.J., Hogan, G.E., McDonald, K.T., Smith, A.J.S. A search for narrow states produced in the reaction $\pi^-p \rightarrow n\gamma\pi^0$ at 13 GeV/c 1-45353
- Chiang, I.-H. see Carroll, A.S. 1-14372, 1-28803
- Chiang, S.W. see Wang, K.L. 1-38398
- Chiang, S.-W., Carter, C.B., Kohlstedt, D.L. Constricted segments on faulted dipoles in germanium 1-2452
- Chiang, T. see France, D.M. 1-28545, 1-37764
- Chiang, T.-C., Eastman, D.E. Experimental energy-band dispersion, critical points, and spin-orbit splittings for GaSb using angle-resolved photoemission 1-12629
- Chiang, T.-C., Eastman, D.E., Himpel, F.J., Kaindl, G., Aono, M. Observation of the transition from uncoupled to collapsed excited f-wave functions in f^7 , Xe , and Cs^+ via the giant post-collision-interaction Auger effect 1-19068
- Chiang, T.-C., Kaindl, G., Eastman, D.E. Photoemission from physisorbed CO on clean and Xe-covered Al(111) 1-6320
- Chiang, T.-C. see Aono, M. 1-53054
- Chiang, T.-C. see Himpel, F.J. 1-3567
- Chiang, T.-C. see Kaindl, G. 1-26362
- Chiang, T.H. see Alexander, J. 1-50645
- Chiang, Yu.N., Ordynets, A.G. Volume nonlinear effect in the steady-state electric conductivity of a metal sample 1-20697
- Chiang, Yu.N., Shevchenko, O.G. Direct observation of phonon drag by electrons 1-2951
- Chiang C. Mei see Haren, P. 1-53548
- Chiang Chi-Chang see Chi-Chang Chiang
- Chiang Chun see Chun Chiang
- Chiang Li Ming see Ming Chiang Li
- Chiang Ren-Tai see Ren-Tai Chiang
- Chiang Tso-Chao see Miao Ho-Chio 1-21393
- Chiao Lin see Carmichael, G.R. 1-53727
- Chiao Sun-Hai see Sun-Hai Chiao
- Chiao Wei-Chuan see Wei-Chuan Chiao
- Chiappetti, L. see Treves, A. 1-49720
- Chiaradia, P., Chiarotti, G., Cicacaci, F., Memeo, R., Nannarone, S., Sassaroli, P., Selci, S. Optical detection of surface states in GaAs(110) at energies above the gap 1-52626
- Chiaradia, P., Chiarotti, G., Cicacaci, F., Memeo, R., Nannarone, S., Sassaroli, P., Selci, S. Optical detection of surface states in GaAs(110) and GaP(110) 1-8096
- Chiaradia, P. see Hansson, G.V. 1-52619

- Chiarotti, G. *see* Chiaradia, P. 1-8096, 1-52626
- Chiavassa, E. *see* Stanovnik, A. 1-23950
- Chiba, J. *see* Aihara, H. 1-45336
- Chiba, J. *see* Obata, T. 1-140
- Chiba, J. *see* Shibata, T.A. 1-37040
- Chiba, K. *see* Aihara, J.-I. 1-33578
- Chiba, M., Ishii, T. On the integral equation for electromagnetic scattering from a dielectric cylinder 1-37394
- Chiba, S. *see* Itahashi, S. 1-37724
- Chiba, Y. *see* Kondo, H. 1-363
- Chibisov, A.K. *see* Andreeva, N.E. 1-17361, 1-24060
- Chibisov, A.K. *see* Peshkin, A.F. 1-17348
- Chibukov, Yu.Ya. *see* Shirochin, L.A. 1-53060
- Chichagova, Yu.L. *see* Remizova, A.A. 1-19555
- Chicherov, V.M., Hildebrandt, D., Laux, M., Lingert, J., Lukyanov, S.U., Pech, P., Reiner, H.-D., Stepanchikov, V.A., Wolff, H. Surface changes on probes inserted into the limiter shadow of the T-10 Tokamak 1-25028
- Chicklov, E.N. *see* Beigman, I.L. 1-11513
- Chickens, J.C. Summary of the risk assessment made of the transport of plutonium nitrate 1-28607
- Chicklis, E.P. *see* Pollak, T.M. 1-29357
- Chida, K., Hanawa, F., Sudo, S., Nakahara, M. VAD optical fiber fabrication in 1.3 μ m wavelength 1-41895
- Chida, K. *see* Moriyama, T. 1-11200
- Chida, K. *see* Suda, H. 1-6664
- Chidambaram, R. *see* Bhakay-Tamhane, S.N. 1-30151
- Chidichimo, G., Lelj, F., Longeri, M., Russo, N., Veracini, C.A. Complete r^2 structure of selenophene partially oriented in a nematic liquid crystal phase by ^1H NMR spectra including ^{75}Se and ^{13}C satellites 1-19114
- Chieffari, G. *see* Antreasyan, D. 1-10287
- Chien, C. *see* Anderson, A. 1-20134
- Chien, C.L., Westgate, C.R. *editor* Hall effect and its applications. Proceedings of the commemorative symposium 1-32807
- Chien, C.Y. *see* Stroyanowski, R. 1-18522
- Chien, L.C. Time-dependent solutions of the viscous incompressible flow past a circular cylinder by inverse transformation 1-6866
- Chien, Y., Lee, A. Power losses from a DC SF_6 arc in gas flow 1-38199
- Chien, Y.K., Benenson, D.M. Temperature diagnostics in turbulent arcs 1-34164
- Chien Ho *see* Gent, M.P.N. 1-39899
- Chien Shu *see* Shu Chien
- Chien-Shine Chung *see* Yin-Shun Gou 1-34832
- Chienchu Liao *see* Liao Chienchu
- Chiang, C.C., Launder, B.E. On the calculation of turbulent heat transport downstream from an abrupt pipe expansion 1-42053
- Chiesa, W., Polidrupo, P. On hot wire anemometers for low speed wind tunnels 1-2115
- Chiesa, W., Vidozzi, G. Potential flow after a two-dimensional body with fixed vortices 1-15499
- Chieu, T.C. *see* Dresselhaus, G. 1-38705
- Chieu, T.C. *see* Dresselhaus, M.S. 1-47436
- Chieux, P., Ruppersberg, H. The observation of chemical short range order in liquid and amorphous metallic systems by diffraction methods 1-30032
- Chieux, P. *see* Jal, J.F. 1-30038
- Chieze, J.P., Lazareff, B. A model for the H I cloud spectrum in the solar neighbourhood 1-32740
- Chieze, J.-P. *see* Audouze, J. 1-22641
- Chigarev, A.V. *see* Bestuzheva, N.P. 1-37823
- Chigir, N.A. *see* Bonch-Bruевич, A.M. 1-51433
- Chigirnova, G.A. *see* Goryainov, Yu.A. 1-44941
- Chigrinov, V.G. *see* Ostrovskii, B.I. 1-30051
- Chigrinov, V.G. *see* Trufanov, A.N. 1-52066
- Chih Kwan Chen An intuitive approach to a generalized parton picture for high-energy lepton-hadron scattering 1-28325
- Chih Kwan Chen Nonpointlike-parton model with asymptotic scaling and with scaling violation at moderate Q^2 values 1-45229
- Chih Kwan Chen Conventional multijet events in e^+e^- annihilation 1-45334
- Chih-Cheng Ma, Ju, F.D. On the shear boundary layer of tension plates 1-51698
- Chih-Hong Chen *see* Pocock, D.N. 1-5389
- Chih-Tang Sah, Ching Ho Chan, P., Chi-Kuo Wang, Sah, R.L.-Y., Yamakawa, K.A., Lutwack, R. Effect of zinc impurity on silicon solar-cell efficiency 1-53611
- Chih-Yuan Lu Average partition function of an electron in random binary alloy 1-38702
- Chihara, H. *see* Chaudhuri, B.K. 1-16040
- Chihara, H. *see* Miyajima, S. 1-26062
- Chihara, H. *see* Takeda, S. 1-21068
- Chihara, K., Kitajima, A., Sakurai, Y. Considerations on imaging method of diagnostic information of heart sounds 1-22089
- Chik, K.D. *see* Dymant, J.C. 1-15191
- Chikaba, J., Irie, F., Takeo, M., Matsushita, T., Ezaki, T., Luders, K., Klipping, G., Ruppert, U. AC losses, flux jumps and quench behaviour of copper-clad NbTi superconducting wire under coil simulation conditions 1-47801
- Chikashige, Y. Comments on the universality and possible structure of leptons and quarks 1-477
- Chikashige, Y., Mohapatra, R.N., Peccei, R.D. Spontaneously broken lepton number and cosmological constraints on the neutrino mass spectrum 1-23453
- Chikashige, Y., Mohapatra, R.N., Peccei, R.D. Are there real Goldstone bosons associated with broken lepton number? 1-28261
- Chikaura, Y., Yamada, H. X-ray measurements of half-widths of intrinsic rocking curve of copper-doped silicon wafers by means of double-crystal technique 1-2629
- Chikawa, J., Sato, F. Solid solubilities of group-III and group-V dopants in pulsed laser-annealed silicon 1-11865
- Chikazawa, S., Miyako, Y., Yuochunas, Y.G. Nonlinear susceptibility of a spin glass compound ($\text{Ti}_{1-x}\text{V}_x$) $_2\text{O}_3$ 1-12301
- Chikazawa, S. *see* Miyako, Y. 1-7847
- Chikazumi, S. *see* Kido, G. 1-40872
- Chikazumi, S. *see* Matsui, M. 1-42949
- Chikazumi, S. *see* Miura, N. 1-48039
- Chikhachev, A.S. Quasi-Bennet equilibrium of a relativistic electron beam 1-25052
- Chikkur, G.C., Lagare, M.T., Umakantha, N. Conversion of Beckman DK-2A spectrophotometer into an automatic single-photon counting fluorescence spectrophotometer 1-36716
- Chikovani, Z.E. *see* Enkovskii, L.L. 1-40975
- Chilcoat, R.T. *see* Mapleson, W.W. 1-13303
- Child, H.R. *see* Spooner, S. 1-53184
- Child, M.S., Pollak, E. Analytical reaction dynamics: origin and implications of trapped periodic trajectories 1-26717
- Child, M.S. *see* Pollak, E. 1-26716
- Child, M.S. *see* Uzer, T. 1-33377
- Child, S.Z., Vives, B., Fridt, C.W., Hare, J.D., Linke, C.A., Davis, H.T., Carstensen, E.L. Ultrasonic treatment of tumors. II. Moderate hyperthermia 1-35846
- Child, S.Z. *see* Carstensen, E.L. 1-8903
- Child, S.Z. *see* Miller, M.W. 1-49060
- Child, T.N. *see* Nicholls, R.L. 1-8764
- Childers, A.G. *see* Knight, L.B., Jr. 1-24173
- Childers, C.B. *see* Lentner, K.J. 1-36691
- Childers, D.G. *see* Rustan, P.J. 1-13538
- Childers, D.G. *see* Serhan, G.J. 1-32510
- Childress, J.J., Mickel, T.J. A motion compensated shipboard precision balance system 1-54258
- Childress, S. *see* Chapman, C.J. 1-32420
- Childs, J.D. *see* Myers, D.K. 1-39972
- Childs, P.E., Howe, A.T., Shilton, M.G. Studies of layered uranium (VI) compounds. V. Mechanisms of densification of hydrogen uranyl phosphate tetrahydrate (HUP). Pressure-induced planar glide and solution phase sintering 1-26400
- Childs, R.L., Selby, D.L., Robinson, J.C., Canada, R.G., Monday, R.L. Calculation of the TMI-2 source-range monitor reading for several core water levels 1-10487
- Childs, S.E., Greenwood, A.N. A model for DC interruption in diffuse vacuum arcs 1-34144
- Childs, T.H.C. The sliding wear mechanisms of metals, mainly steels 1-53302
- Chilenskas, A.A. *see* Barney, D.L. 1-48819
- Chilingarov, A.G. *see* Vasserman, I.B. 1-40991
- Chilingarov, A.G. *see* Zholentz, A.A. 1-14381
- Chilingaryan, Yu.S. *see* Arakelyan, S.M. 1-19393, 1-33750
- Chilingaryan, Yu.S. *see* Arakelyan, S.M. 1-8035
- Chilton, A.B. *see* Fournie, E.M. 1-943
- Chilton, J.M., Roberts, M.J. Microalloying effects in hot-rolled low-carbon steels finished at high temperatures 1-16879
- Chilton, P.D. *see* McDonnell, J.L. 1-18755
- Chilikuri, R., Humphrey, J.A.C. Numerical computation of buoyancy-induced recirculation in curved square duct laminar flow 1-38014
- Chilikuri, R., Pletcher, R.H. Numerical solutions to the partially parabolized Navier-Stokes equations for developing flow in a channel 1-42090
- Chilikuri, R. *see* Yee, G. 1-24798
- Chima, J.S. *see* Fritze, P. 1-14431
- Chima, J.S. *see* Deden, H. 1-28311
- Chimczak, E., Czajka, R., Bertrandi-Zytkowiak, M., Gordon, W.S. The influence of the Cu₂S layer on the spectral properties of $\text{SnO}_2/\text{ZnS}/\text{Cu}_2\text{S}/\text{ZnS}(\text{A})$ Al electroluminescent thin film structures 1-52999
- Chimento, L. *see* Castagnino, M. 1-44793
- Chin, B.A. *see* Paxton, M.M. 1-21513
- Chin, D.J., Navon, D.H. Two-dimensional analysis of the integrated back-contact solar cell 1-35655
- Chin, G., Buhl, D., Florez, J.M. Acousto-optic spectrometer for radio astronomy 1-54384
- Chin, G.Y. New magnetic alloys 1-12384
- Chin, G.Y., Wernick, J.H. Soft magnetic metallic materials 1-30917
- Chin, G.Y. *see* Green, M.L. 1-12343
- Chin, M.A. *see* Hu, P. 1-42489
- Chin, M.A. *see* Narayanamurti, V. 1-16257
- Chin, M.A. *see* Ulbrich, R.G. 1-15989, 1-47184
- Chin, M.R. *see* Ma, T.P. 1-16371
- Chin, R., Law, H.D. Zn diffusion in GaAlAsSb and GaSb 1-52347
- Chin, R., Law, H.D., Nakano, K., Milano, R.A. Schottky barrier $\text{Ga}_{1-x}\text{Al}_x\text{As}_{1-y}\text{Sb}_y$ alloy avalanche photodetectors 1-12189
- Chin, R. *see* Law, H.D. 1-48280
- Chin, R. *see* Rezek, E.A. 1-47409
- Chin, R.W. *see* Abernathy, F.H. 1-24852
- Chin, S.L. *see* Bernard, P. 1-51570
- Chin, W.C. Inviscid parallel flow stability with mean profile distortion 1-29652
- Chin, W.C. Wave focusing and hydraulic jump formation 1-29710
- Chin Chao-Wen *see* Chao-Wen Chin
- Chin Fu Tsang, Molz, F.J., Parr, A.D. Experimental and theoretical studies of thermal energy storage in aquifers 1-53689
- Chin Ru-nan Spectral model of the vorticity equation (spherical harmonics) using the Fast Fourier Transform 1-54215
- Chin-Hu Feng *see* Han-Sheng Lee 1-47669
- Chincarini, G. *see* Patterson, J. 1-22817
- Chinen, K., Niigaki, M., Miyao, M., Hagino, M. GaAs transmission photocathode grown by MBE 1-26389
- Ching, L.Y., Burstein, E., Buchner, S., Wieder, H.H. Resonant Raman scattering at InAs surfaces in MOS junctions 1-48066
- Ching, W.Y. Oxygen impurity states in an amorphous silicon matrix 1-12064
- Ching, W.Y. Microscopic calculation of localized electron states in an intrinsic glass 1-47570
- Ching, W.Y. *see* Huber, D.L. 1-12309
- Ching Cheng-rui *see* Cheng-rui Ching
- Ching Ho Chan, P. *see* Chih-Tang Sah 1-53611
- Ching Teh Li *see* Klein, A. 1-5154
- Ching-Fa Yeh *see* Sugano, T. 1-38854
- Ching-Kai Yeh *see* Juh Tzeng Lue 1-7015
- Ching-Long Tsai *see* Carini, J.P. 1-52547
- Ching-Tzong Hsieh *see* Hoffer, M.I. 1-27178
- Ching-Yeu Wei *see* Current, M.I. 1-43231
- Ching-Yu Cho *see* Cho Ching-Yu
- Chingas, G.C., Garraway, A.N., Bertrand, R.D., Moniz, W.B. Zero quantum NMR in the rotating frame: J cross polarization in AX_N systems 1-38987
- Chingbin Wei *see* Wei Chingbin
- Chini, R., Elsassner, H., Neckel, T. Multicolour UBVR_i photometry of stars in M 17 1-27491
- Chinkov, V.N. *see* Mints, M.Y. 1-44905
- Chinlon Lin, Kogelnik, H., Cohen, L.G. Optical-pulse equalization of low-dispersion transmission in single-mode fibers in the 1.3-1.7- μ m spectral region 1-11106
- Chinlon Lin *see* Cohen, L.G. 1-11114
- Chinnappan, V.A. *see* Jagannathan, R. 1-28888
- Chinone, N., Ulrich, R. Elasto-optic polarization measurement in optical fiber 1-37622
- Chinowsky, W. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Chinowsky, W. *see* Dorfan, J.M. 1-41020
- Chinowsky, W. *see* Himel, T.M. 1-18482
- Chinowsky, W. *see* Schare, D.L. 1-18485
- Chiodelli, G., Campari, G. Low temperature AC conductivity device 1-28016
- Chiodi, P.L. *see* Azzoni, P. 1-777
- Chionna, O.Ni *see* Ni Chionna, O.
- Chiosi, C. The structure and evolution of massive stars 1-17833
- Chiosi, C. Rates of mass loss from O-stars 1-36284
- Chiou, C.S., Gordon, R.J. Low shear viscosity of dilute polymer solutions 1-38021
- Chiou, C.S., Gordon, R.J. Vortex flow of dilute polymer solutions 1-46760
- Chiou, H.-D. *see* Meshii, M. 1-11807
- Chiou, J.H. *see* Ma, Z.Y. 1-18691
- Chiou, J.P., Na, T.Y. Laminar natural convection over a slender vertical frustum of a cone with variable surface temperature 1-19691
- Chiou, W., Guenther, D.A., Jones, D. Further analysis of a novel wave energy device 1-53549
- Chipizubov, A.V. The nature of the change in seismicity as a basis for its prediction 1-44125
- Chipman, D.M. On symmetry in the polarization expansion for intermolecular forces 1-37289
- Chipman, M.A. *see* Stamatiatos, M.G. 1-10459
- Chipman, R.A. Monochromator designs with aberration corrected gratings 1-51604
- Chipperrill, C.G. *see* Darlston, B.J.L. 1-31666
- Chiranjivi, T. *see* Sai Babu, K. 1-2675
- Chirico, R.D., Westrum, E.F., Jr. Thermodynamics of the lanthanide trihydrides-resolution of the lattice and Schottky contributions 1-25455
- Chirico, R.D. *see* Westrum, E.F., Jr. 1-16053, 1-25456
- Chirikov, B.V., Izrael, F.M. Degeneration of turbulence in simple systems 1-50055
- Chirkin, A.S. *see* Tagiev, Z.A. 1-33751
- Chirkin, N.N. *see* Kaptevesh, A.K. 1-8570
- Chirkin, Yu.K. *see* Kurkin, I.N. 1-21043
- Chirkin, L.A. *see* Okovit, V.S. 1-47169
- Chirko, I.L. *see* Danil'chenko, B.A. 1-38405
- Chirkov, N.P. Relation of geomagnetic activity and solar-wind velocity to solar activity 1-22625
- Chirkov, N.P. *see* Filippov, A.T. 1-36137
- Chirkov, N.P. *see* Grigor'ev, V.G. 1-36138
- Chirkov, V.I., Timoshevskaya, V.V. X-ray fluorescence analysis of two-component (As-Se) films of arbitrary thickness 1-21658
- Chirkst, D.E. *see* Volkov, V.A. 1-5980

- Chiro, G. Di see Di Chiro, G.
- Chironi, V.S. see Dzhangar, B.M. 1-17347
- Chishko, V.F. see Aver'yanova, T.V. 1-42853
- Chishko, V.F. see Bakumenko, V.L. 1-20865
- Chisholm, D. The turbulent flow of two-phase mixtures in horizontal pipes at low Reynolds number 1-34001
- Chisholm, D. Turbulent film heat-transfer coefficients during condensation in tubes 1-37909
- Chisholm, D.H. see Rettrup, S. 1-45813
- Chisholm, M.H. Dynamic and static stereochemistry in dimolybdenum and ditionogen compounds containing a central (MM)⁶⁺ unit 1-41509
- Chisler, E.V. see Davydov, V.Yu. 1-21212
- Chisler, E.V. see Savatinova, I. 1-8068
- Chismar, P.H. see Plodinec, M.J. 1-14680
- Chistilin, V.I. see Bayukov, Yu.D. 1-36933
- Chistilin, V.I. see Berezin, V.M. 1-37057
- Chistoserdov, B.M. see Zakharchenko, V.G. 1-22627
- Chistov, A.S. see Petrov, L.N. 1-31751
- Chistyakov, V.A. see Buzin, I.M. 1-34982
- Chistyakov, B.G. see Bovin, V.P. 1-17131
- Chistyakov, I.G., Vistin', L.K., Chumakova, S.P., Radzhabova, Z.B. Resonance of domain boundaries in a liquid-crystal ferroelectric 1-30053
- Chistyakov, L.V. see Baranov, S.A. 1-28417
- Chistyakov, L.V. see Gokhsberg, B.M. 1-45556
- Chistyakov, L.V. see Zelenkov, A.G. 1-28418
- Chistyakov, O.D. see Andreiff, A. 1-20684
- Chistyakov, S.A. see Didenko, A.N. 1-28834
- Chistyakov, Yu.D., Baikov, Yu.A., Schneider, H.G., Ruth, V. Fluctuation mechanism of normal crystal growth during solidification of metals 1-38311
- Chistyakov, Yu.D., Rainova, Yu.P., Antonenko, K.I., Revyakina, N.A. Electroadsorptive and electrocatalytic activity of charged Si during preparation of autoepitaxial layers by the chloride method 1-11988
- Chistyakova, L.K. see Pogodaev, V.A. 1-46230
- Chistyakova, N.Ya. see Gaisin, V.A. 1-35087
- Chistyly, I.L. see Kitaeva, V.F. 1-21221
- Chitambar, S.A. see Datar, V.M. 1-5743
- Chitejeva, D.M. see Aligulijew, R.M. 1-21502
- Chitrangad, B., Osmer, H.R. Polymer diffusion at intermediate concentrations 1-16075
- Chitre, S.M. see Antia, H.M. 1-32616
- Chitre, S.M. see Apparao, K.M.V. 1-9729, 1-40577
- Chiu, C., Stodolsky, L. Theorem in matter-wave interferometry 1-115
- Chiu, C., Todreas, N., Morris, R. Experimental techniques for liquid metal cooled fast breeder reactor fuel assembly thermal/hydraulic tests 1-23733
- Chiu, C.B., Tow, D.M. β -universality in high-energy hadron-nucleus collisions 1-23521
- Chiu, K.Y. see Pocock, D.N. 1-5380
- Chiu, L.B., Elliston, P.R., Stewart, A.M., Taylor, K.N.R., Issa, M.A.A. Electron spin resonance of Gd(Co₂Al₂)₃ 1-7946
- Chiu, L.-T.G., van Altena, W.F. Membership of the old open cluster NGC 2506 1-54560
- Chiu, M.Y. see Barrett, H.H. 1-37628
- Chiu, N.S. see Burrow, P.D. 1-37180
- Chiu, S.C. see Chan, V.S. 1-6957
- Chiu, S.C. see Hsu, J.Y. 1-6962, 1-15619
- Chiu, T.L. see Huff, H.R. 1-34772
- Chiu, T.T. see Li, S.S. 1-48855
- Chiu, T.W. see Chartoff, R.P. 1-52353
- Chiu Chen-Hwa see Chen-Hwa Chiu
- Chiu Ting-Wai see Ting-Wai Chiu
- Chiuideri, C., Einaudi, G., Ma, S.S., Van Hoven, G. The stability properties of cylindrical force-free fields: effect of an external potential field 1-2175
- Chiuideri-Drago, F., Palagi, F. Bursts observed at 21 cm with the Westerbork interferometer 1-4875
- Chivate, V.R. see Kelkar, R.R. 1-22291
- Chive, M. see Audet, J. 1-43939
- Chive, M. see Mamouni, A. 1-8971, 1-35859
- Chive, M. see Nguyen, D.D. 1-22108
- Chivers, D. see O'Connor, D.J. 1-28824
- Chivers, D. see Smith, B.J. 1-52166
- Chivers, R.C. Acoustic wave fluctuations in inhomogeneous media 1-11220
- Chivers, R.C. Doppler transducers—reproducibility and output measurement 1-22097
- Chivers, R.C., Dudley, H.J.W. The use of an image analyser for dimensional quantification in ultrasonic images 1-15335
- Chivers, T. The identities of the chromophores in coloured and colourless sulphur-doped borate glasses [Raman spectroscopy] 1-21189
- Chivers, T., Hyne, J.B., Lau, C. The thermal decomposition of hydrogen sulfide over transition metal sulfides 1-17315
- Chivite, F.S. see Alonso, V.A. 1-28707
- Chizhoda, K. see Kaneko, S. 1-46861
- Chizhek, A., Shob, M., Dekhtyar, I.Ya., Fedchenko, R.G., Onishchenko, I.I. Effect of polymorphous transformation in Ti+1.4% Fe alloy on positron annihilation characteristics 1-48427
- Chizhevskii, A.N. see Bandin, O.L. 1-41956
- Chizhik, A.A. Fracture dimorphism in local areas of solids with cracks 1-3923
- Chizhik, S.P. see Tolstaya, M.A. 1-39283
- Chizhikov, V.I. see Panyutin, V.L. 1-20630, 1-20632
- Chizhov, M.V. see Mateev, M.D. 1-9849
- Chizhov, S.M., Pokrovskii, A.N., Kovba, L.M. X-ray investigation of double sulphates of sodium and rare earth elements R with the composition NaR(SO₄)₂ 1-20144
- Chizhov, V.P. see Volkov, Yu.M. 1-5756
- Chizhov, Yu.L. see Dudkin, V.A. 1-33717
- Chkaidze, L.V. see Aksinenko, V.D. 1-18662
- Chkalova, V.V. see Bondarenko, V.S. 1-29410
- Chkareuli, Dzh.L. Quark-lepton families: From SU(5) to SU(8)-symmetry 1-45187
- Chkhaidze, L. see Bartke, E. 1-5664
- Chlebowski, T., Halpern, J.P., Steiner, J.E. IE 0643.0-1648 1-9736
- Chliapanikov, P. see Barth, M. 1-41018
- Chliapanikov, P.V., Gerdjukov, L.N., Kniazev, V.V., Kurnosenko, A.I., Riadovikov, V.N., Rybin, A.M., Uvarov, V.A., Vorobjev, A.P., De Wolf, E.A., Gysen, M., Verbeure, F., Van Immerseel, M., Laurent, J., Windmolders, R. Inclusive production of ρ^0 and ϕ mesons in K⁺p interactions at 32 GeV/c 1-36886
- Chliapanikov, P.V., Gerdjukov, L.N., Kniazev, V.V., Riadovikov, V.N., Rybin, A.M., Tkhiilev, O.G., Tchunikhin, V.F., Uvarov, V.A., Vorobjev, A.P., Barth, M., De Wolf, E., Gysen, M., Verbeure, F., Du Jardin, C., Grard, F., Windmolders, R. Observation of a narrow K_s⁰ π^+ state at 1.97 produced in K⁺p interactions at 32 GeV/c 1-599
- Chliapanikov, P.V. see Ajinenko, I.V. 1-592, 1-5667, 1-23525
- Chliapanikov, P.V. see Barth, M. 1-45377
- Chliapanikov, P.V. see Denegri, D. 1-28356
- Chliapanikov, P.V. see Saudraix, J. 1-5666
- Chlistovsky, F. see Buffoni, L. 1-9347
- Chmel', A.E. see Vettegren', V.I. 1-12859
- Chmelevsky, D., Kellerer, A.M., Terrisoll, M., Patau, J.P. Proximity functions for electrons up to 10 keV 1-43892
- Chmelevsky, D. see Kellerer, A.M. 1-44025
- Chmielewski, L. see Jaschek, M. 1-49628
- Chmielewski, Y. On the photometric colour indices of the Sun 1-40353
- Chmil', A.I. see Kiryukhin, S.V. 1-2235
- Chmilenko, N.A. see Prisyazhnyi, V.D. 1-35552
- Cho, A.Y. see Lee, T.P. 1-26388
- Cho, A.Y. see Merlin, R. 1-52940
- Cho, A.Y. see Morkoc, H. 1-3624, 1-7609, 1-42647
- Cho, A.Y. see Panish, M.G. 1-35177
- Cho, A.Y. see Witkowski, L.C. 1-42849
- Cho, D.H. see Chan, S.H. 1-45679
- Cho, D.H. see Cheung, F.B. 1-1962
- Cho, D.H. see Epstein, M. 1-5972
- Cho, K. see Suga, S. 1-26178
- Cho, K.S., Cordaro, J.T. Calculation of the SEM parameters from the transient response of a thin wire 1-29182
- Cho, K.S., Lee, C.O. The effects of carbon on ion-nitriding 1-12935
- Cho, M., Yagi, T. Brillouin scattering study of the successive phase transitions in K₂SeO₄ 1-48097
- Cho, N.Z., Grossman, L.M. Optimal control of xenon spatial oscillations in load following 1-45658
- Cho, S.-A., Puerta, M., Cols, B. Sintering behavior of Al₂O₃-Cr and Al₂O₃-Cr(NO₃)₃ mixtures 1-53121
- Cho, S.H., Felsen, L.B. Ray method for unstable resonators 1-11026
- Cho, S.K. see Dolph, C.L. 1-29181
- Cho, S.M., Kane, R.S. Techniques for the thermal/hydraulic analysis of LMFBR check valves 1-23830
- Cho, T., Kubo, S., Ikeda, M., Nakamura, M., Terumichi, Y., Hamada, Y., Tanaka, S. Electron cyclotron heating in the WT-1 Tokamak 1-34096
- Cho, T., Tanaka, S. Observation of an upper-hybrid soliton 1-15610
- Cho, T. see Okubo, K. 1-46902
- Cho, Y., Derrick, M., Miller, R.J., Schlereth, J., Engler, A., Keyes, G.S., Kraemer, R.W., Tanaka, M. Measurement of the K₁⁰ form factors from K₁⁰ $\rightarrow\pi\pi\pi$ decays in the 12-foot bubble chamber 1-33184
- Cho, Y.C. see Ma, Z.Y. 1-18691
- Cho, Y.I., Hartnett, J.P. Analogy for viscoelastic fluids—momentum, heat and mass transfer in turbulent pipe flow 1-29735
- Cho, Y.I., Ng, K.S., Hartnett, J.P. Viscoelastic fluids in turbulent pipe flow—a new heat transfer correlation 1-29736
- Cho, Y.M. Glueball spectrum in extended quantum chromodynamics 1-36847
- Cho Chew Weng see Weng Cho Chew
- Cho Ching-Yu see Tang Au-Chin 1-7567
- Cho Hyun-Kee see Hyun-Kee Cho
- Cho Seung-Am see Seung-Am Cho
- Cho Yoshio see Yoshio Cho
- Choban, E.A. Inclusive photoproduction of charmed mesons 1-41017
- Chobanyuk, V.M. see Freik, D.M. 1-38782
- Chock, D.P. General Motors sulfate dispersion experiment. An analysis of the wind field near a road 1-9201
- Chock, E.P., Gruner, G. Thermoelectric power of Na₃₃V₂O₅ 1-38804
- Chodorow, M. see Yeack, C.E. 1-6730, 1-6731
- Chodyrew, B.S. see Aligulijew, R.M. 1-21502
- Choe, B.D., Yeo, Y.K., Park, Y.S. Distribution of electrically active Mg implants in GaAs 1-7202
- Choe, J.-Y., Ahn, S. General mode analysis of a gyrotropic dispersion equation 1-29243
- Choe, M.S. see Takakura, H. 1-4187
- Choe, S.J., Nam, S.W. Low stress deformation in the early stage of fatigue and creep 1-53232
- Choffe, B. see Breelle, Y. 1-43755
- Choffee, B., Jacq, J., Mayer, C., Rojey, A. Heat pump operating with a non-azeotropic fluid mixture 1-35694
- Chofu, Yu.D. see Nevskii, O.B. 1-3489
- Choh Sung Ho see Sung Ho Choh
- Choi, B.H., Poe, R.T., Sun, J.C., Tang, K.T. Reactive scattering of rotationally excited target molecules with adiabatic theory 1-24209
- Choi, B.H. see Sun, J.C. 1-35522
- Choi, C.K. see Downum, W.B. 1-41241
- Choi, C.K. see Miley, G.H. 1-25031
- Choi, C.S., Frask, H.J., Prince, E. Phase transitions in ammonium nitrate 1-7124
- Choi, C.S. see Prince, E. 1-29961
- Choi, D.H. see Ramapiran, B.R. 1-51759
- Choi, D.K. PIPES—a program for calculating dynamic hydraulic forces in piping systems 1-50801
- Choi, H.J., Schwartz, L.H. Characterization of the fracture path of intercritically overtempered Fe-9Ni-0.1C steel by microbeam Auger electron spectroscopy 1-21585
- Choi, P.-K., Takagi, K., Negishi, K. Effect of near-resonant energy transfer on vibrational relaxation in liquid dichloromethane-benzene mixtures 1-46084
- Choi, P.-K. see Takagi, K. 1-46083
- Choi, S.D., Fujita, S. Magnetic dependence of cyclotron resonance linewidth for acoustic polarons in the extreme quantum limit 1-52846
- Choi Chang Tong see Chang Tong Choi
- Choi Duk-In see Duk-In Choi
- Choi In-Hoon see In-Hoon Choi
- Choi Kee-Ju see Kee-Ju Choi
- Choi Sang Sam see Sang Sam Choi
- Choi Sung Jo see Sung Jo Choi
- Choi Yeon-Ik see Yeon-Ik Choi
- Choisnet, J., Hervieu, M., Raveau, B. Order phenomena and vibrational spectra of perovskites in the Ca-Sr-Nb-O system 1-21205
- Choisser, J.P. see Givinen, R.O. 1-9370
- Cholithramani, S.J., Ravetkar, R.M., Iyer, M.R. A comparative study of the shift register and conventional coincidence methods for neutron coincidence counting 1-51067
- Chojcan, J., Szuszkiewicz, M., Rozenfeld, B., Ostrasz, S. Investigation of the electronic structure of V-Fe alloys by positron annihilation 1-12022
- Chojnacki, H., Lipinski, J. On the possible proton motion in the imidazole hydrogen bond 1-34276
- Chojnowski, B. see Green, C.H. 1-28561
- Cholakov, P.T. see Apostolov, A.V. 1-30937
- Chollet, F. Improvement of methods to reduce astrolabe observations. Application to the determination of the nutation 18.6 and 9.3 year terms 1-44080
- Chollet, F. see Laclaire, F. 1-49510
- Chollet, J.C. see Bourquin, M. 1-10276
- Cholpan, P.F. see Garkusha, L.N. 1-7223
- Chomel, P., Cottu, J.P. Substitutional solution softening of iron 1-31471
- Chomka, W., Deng, E., Moser, P. Internal friction peaks due to a coating effect 1-26529
- Chon, C.T., Weng, G.J. Impact of a finite elastic-viscoplastic bar 1-24756
- Chon, W.Y., Addabbo, C., Bondre, J.R. Study of recovery transients in a 3x3 rod bundle 1-5934
- Chon, W.Y. see Addabbo, C. 1-50802
- Chon Trung Hua see Dollfus, A. 1-22520
- Chonan, S. Random vibration of an initially stressed thick plate on an elastic foundation 1-1866
- Chonan, S. see Saito, H. 1-1870
- Chondros, T.G., Dimarogonas, A.D. Identification of cracks in welded joints of complex structures 1-4015
- Chong, D.P. Modification of HAM/3 excitation energies for $\pi\pi^*$ transitions of linear molecules 1-19012
- Chong, D.P. see Asbrink, L. 1-10655
- Chong, D.P. see Langhoff, S.R. 1-51136
- Chong, M.S. see Perry, A.E. 1-29744
- Chong Hee Kim see No-Kwang Park 1-16766
- Chong Kim Ung, Adetunji, J. Wavefunctions of Z⁺ centres in KCl:Ca²⁺ 1-16251
- Chong Lee Ho see Ho Chong Lee
- Chong Tak-Fu see Tak-Fu Chong
- Chong-Fu Ying see Ying Chong-Fu
- Chong-gui Xu see Xu Chong-gui
- Chong-yu Huo see Huo Chong-yu

- Chong-shou Gao *see* Gao Chong-shou
- Chonghao Deng *see* Deng Chonghao
- Chonghua Yu *see* Yu Chonghua
- Chongmin Kim X-ray method of measuring retained austenite in heat treated white cast irons 1-47045
- Choni, Yu.I. *see* Anfinogentov, V.I. 1-37688
- Choo, Y.E. *see* Goldinger, J.M. 1-26884
- Choo Woong Kil *see* Woong Kil Choo
- Choo Yun Kong *see* Matthews, J.E. 1-15584
- Choon-Kim Kim *see* Se-Ho Oh 1-53312
- Chopornak, D.B. *see* Kask, N.E. 1-31611
- Chopovskii, L.L. *see* Vasilievskii, V.S. 1-23531
- Chopp, M., Hartson, M. Effect of technetium-99m on a computerized tomography scan 1-49113
- Chopra, D., Martin, G. Soft X-ray appearance potential spectroscopy of ^{104}Yb 1-26313
- Chopra, K.L. *see* Akhtar, D. 1-21418
- Chopra, K.L. *see* Gogna, P.K. 1-21912
- Chopra, K.L. *see* Kumar, S.N. 1-32046
- Chopra, K.L. *see* Shanthi, E. 1-7763, 1-42874
- Chopra, O.K., Natesan, K., Kassner, T.F. Carbon and nitrogen transfer in Fe-9Cr-Mo ferritic steels exposed to a sodium environment 1-42561
- Chopra, P.S. Why do solar systems fail? 1-39825
- Chopra, S. *see* Bohidar, H. 1-8167, 1-43134
- Chopra, V., Dharmadurai, G. Effect of current on the low temperature characteristics of diode sensors 1-40773
- Choquard, Ph., Favre, P., Gruber, Ch. On the equation of state of classical one-component systems with long-range forces 1-36596
- Choquet-Bruhat, Y., York, J.W., Jr. The Cauchy problem 1-18093
- Chorin, A.J. Numerical methods for use in combustion modeling 1-4096
- Chorjev, B. *see* Begzhanov, R.B. 1-603
- Chormii, B.I. Asymptotic representation of the solution of near-surface inductional heating electrodynamic equations of electroconducting shells 1-29525
- Chornik, B. *see* Corredor, L.H. 1-53283
- Chormoguz, L.V., Leschenko, A.N., Popov, V.P., Yas, D.S., Karaulov, A.K. Deposition of copper on graphite powder in solutions with a solid reducing agent 1-12677
- Chorny, G.F. *see* Varsholovich, D.A. 1-44498
- Chou, B.H., Mitchell, G.E., Bilpuch, E.G., Westerfeldt, C.R. Correlations for reduced-width amplitudes in $\text{Fe}_{80}\text{-Mo}_{20}$ metallic glasses 1-5765
- Chou, C.H., Liang, K., Khuri-Yakub, B.T., Kino, G.S. Shear wave excitation in a solid by longitudinal wave contact transducers 1-11218
- Chou, C.P., O'Hanley, R.C. Elastic constant anomaly in $\text{Fe}_{80}\text{-Mo}_{20}$ metallic glasses 1-2851
- Chou, J.-S.J., Grant, E.R. Temperature dependence as a probe of intramolecular relaxation in the infrared multiphoton excitation of CF_3Cl_2 1-37191
- Chou, K.H., Lee, P.S., Shaw, D.T. Acoustically induced turbulence and shock waves under a traveling wave condition 1-29655
- Chou, M.S., Zawadzka, G.A. Long-pulse N_2 UV lasers at 357.7, 380.5 and 405.9 nm in $\text{N}_2/\text{Ar}/\text{Ne}/\text{He}$ mixture 1-37485
- Chou, M.-S., Zawadzka, G.A. Long-pulse N_2 UV lasers at 357.7, 380.5, and 405.9 nm in $\text{N}_2/\text{Ar}/\text{Ne}/\text{He}$ mixture 1-41665
- Chou, N.J. *see* Bleakley, R.H. 1-270
- Chou, N.J. *see* Chang, C.-A. 1-30487
- Chou, N.J. *see* Irene, E.A. 1-30581
- Chou, Y.C., Goldberg, W.I. Angular distribution of light scattered from critically quenched liquid mixtures 1-48103
- Chou, Y.C. *see* Kim, M.W. 1-16077
- Chou, Y.-C. *see* Ellis, P.D. 1-14934
- Chou Fugen *see* Chen Junming 1-39499
- Chou Kuang-Chao *see* Zhou Guang-Zhao 1-45188
- Chou Lei *see* Lei Chou
- Chou Liang-Shiun *see* Liang-Shiun Chou
- Chou Tsu Wei *see* Tsu Wei Chou
- Chou Tsu-Wei *see* Tsu-Wei Chou
- Chou Yi-feng *see* Wang Ye-ning 1-48404
- Chou Yu-Mei *see* Yu-Mei Chou
- Chouan, Y., Collobert, D., Ricard, A. O_2 dissociation mechanisms in Ar+ O_2 RF sputtering discharge 1-38184
- Choubey, J., Sharma, L.K. Strong coupling harmonic oscillator potential with weakly coupled linear and cubic anharmonicities 1-23035
- Choubey, R., Jonas, J.J. High-temperature flow and aging behaviour of oxygen-enriched Zircaloy-2 and Zr-2.5 Nb 1-35324
- Choudhary, J.K. *see* Bajpai, R.P. 1-14392
- Choudhary, R.C. Asymptotic magnetohydrodynamic velocity profile on an infinite porous flat plate 1-42101
- Choudhary, R.C. *see* Prasad, S. 1-42085
- Choudhary, R.N.P., Nemes, R.J., Rouse, K.D. A room-temperature neutron-diffraction study of NaH_2PO_4 1-47053
- Choudhary, R.S., Sharma, D.R. Radiation from magnetic ring source in warm plasma column 1-2165
- Choudhury, P.R. *see* Gerstein, M. (editor) 1-27678
- Choudhury, A. *see* Basu, C. 1-42437
- Choudhury, D.C. Phenomenological model for elastic and inelastic scattering of high energy α particles from nuclei 1-14531
- Choudhury, D.R., Choudhury, A.K., Chakravarti, A.N. On the gate-controlled surface capacitance of MOS structures of Si having n-channel inversion layers 1-3065
- Choudhury, D.R., Choudhury, A.K., Chakravarti, A.N. Effect of quantizing magnetic field on the capacitance of MOS structures of small-gap semiconductors under strong surface fields 1-38860
- Choudhury, D.R. *see* Chakravarti, A.N. 1-3044
- Choudhury, P.R. *see* Gerstein, M. 1-29796
- Choudhury, R.K., Kapoor, S.S., Nadkarni, D.M., Rama Rao, P.N. Multiparameter study of the long-range α -particles emitted in the thermal neutron induced fission of ^{235}U 1-5809
- Choudhury, R.K. *see* Govil, R. 1-23691
- Choudhury, R.K. *see* Sharma, S.C.L. 1-50667
- Choudhury, R.K. Roy *see* Roy Choudhury, R.K.
- Choudhury, R.S. *see* Biswas, S.N. 1-18510
- Choudhury, S.B. Dutta *see* Dutta Choudhury, S.B.
- Choudhury, S.K., Mohanty, S.P. Dynamic spin susceptibility of an interacting electron gas 1-7852
- Choukroune, P. *see* Juteau, T. 1-27151
- Chouleur, G. State police barracks at Bagnols-sur-Cèze with solar hot water and solar space heating systems 1-39744
- Chouteau, G. *see* Monod, P. 1-16426
- Chouteau, J. *see* Mille, G. 1-19103
- Chovelon, B. *see* Durand-Charre, M. 1-31452
- Chovnyuk, Yu.V. *see* Bogdanova, Kh.G. 1-21025
- Chow, A. *see* Gade, S. 1-21053
- Chow, B.G. Comparative economics of the breeder and light water reactor 1-50992
- Chow, C.L., Ngan, K.M. Method of fracture toughness evaluation of adhesive joints 1-21675
- Chow, J.C.F. *see* Fabris, G. 1-34006
- Chow, J.C.F. *see* Rabadi, N.J. 1-42091
- Chow, K. *see* Braatz, P.G. 1-11165
- Chow, L. *see* Arends, A.R. 1-34960
- Chow, L.W., Kwok, H.L. $\text{Cu}_2\text{S}/\text{CdZn}_{1-x}\text{S}$ and $\text{Cu}_2\text{S}/\text{CdZn}_{1-x}\text{S}$, CdS thin film solar cells using chemically sprayed films 1-48840
- Chow, M. *see* Hoyer, H.W. 1-48963
- Chow, M.C. *see* Harbourne, B.L. 1-45618
- Chow, M.C. *see* Mullens, J.A. 1-818
- Chow, P.P. *see* Boord, W.T. 1-37571
- Chow, R.A.C., Fairhead, J.D., Henderson, N.B., Marshall, P.D. Magnitude and Q determinations in southern Africa using Lg wave amplitudes 1-27082
- Chow, T.Chi *see* Chi Chow, T.
- Chow, T.L. Evaluation of radiative matrix elements for the harmonic oscillator 1-5148
- Chow, T.P., Brown, D.M., Steckl, A.J., Garfinkel, M. Silane silicidation of Mo thin films 1-43553
- Chow, T.P., Steckl, A.J. Plasma etching characteristics of sputtered MoSi_2 films 1-8445
- Chow, T.S. Glass transition temperature of polymer-diluted systems 1-38515
- Chow, W.W. *see* Anderson, D.Z. 1-6582
- Chow Chia-Bao *see* Miao Ho-Cho 1-21393
- Chow Weng W. *see* Weng W. Chow
- Chowdhary Babu, N. *see* Brahmaji Rao, V. 1-35536
- Chowdhary, A., Banerjee, A.K., Gokhale, S.S. Meteorological aspects of arid and semi-arid regions of India with special reference to Thar desert 1-22439
- Chowdhary, A.K. *see* Chakravarti, A.N. 1-3044, 1-52311
- Chowdhury, A.K. *see* Choudhury, D.R. 1-3065, 1-38860
- Chowdhury, A.K. *see* Ghatak, K.P. 1-20759
- Chowdhury, A.K. Inverse scattering equations for $g^3 + h^3$ theory in two dimensions 1-418
- Chowdhury, A.R. Some semi-classical results in a one-dimensional field theory 1-28160
- Chowdhury, A.R. *see* Banerjee, R.S. 1-36789
- Chowdhury, B., Chakravorty, S.K. Dynamic expansion of a spherical cavity in a non-homogeneous medium 1-33896
- Chowdhury, D. *see* Sastry, G.P. 1-37396
- Chowdhury, K.L., Glockner, P.G. On a boundary value problem for an elastic dielectric half-plane 1-5104
- Chowdhury, K.L., Glockner, P.G. Representations for isotropic thermoelastic dielectrics 1-29545
- Chowdhury, K.L., Glockner, P.G. Charge distribution on the surface of a spheroidal cavity in a dielectric solid 1-34975
- Chowdhury, M. *see* Roy, D.S. 1-35081
- Chowdhury, M.S. *see* Zaman, M.A. 1-50605
- Chowdhury, P., Garg, U., Sjoren, T.P., Fossan, D.B. Band structure in neutron-deficient $^{117,119,121}\text{Xe}$ nuclei 1-45406
- Chowdhury, S.K., Majumder, A.K. Respiratory sound of tuberculosis patients 1-17466
- Chowdhury, S.S., Clement, R.M., Miles, H.T. Ion energy analyser for laser-produced plasma 1-2236
- Choy, C.L. *see* Chen, F.C. 1-25415
- Choy, C.L. *see* Leung, W.P. 1-30324
- Choy, C.O., Chen, F.C., Luk, W.H. Thermal conductivity of oriented crystalline polymers 1-16110
- Choy, T.C. Some exact results for a degenerate Hubbard model in one dimension 1-20950
- Choyke, W.J. *see* Rehn, V. 1-23391
- Choyke, W.J. *see* Scott, J.F. 1-48048
- Choyke, W.J. *see* Watkins, G.D. 1-47977
- Chramova, L.V. *see* Smirnova, T.P. 1-39623
- Chrapkowski, A. *see* Winsberg, L. 1-14523
- Chraplyny, A.R. *see* Croci, J. 1-38948
- Chraplyny, A.R. *see* Herbst, J.F. 1-30974
- Chrenko, R.M. *see* Dunn, K.J. 1-31821
- Chretien, J.F. *see* de Charantenne, F.X. 1-48640
- Chrien, R.E., Colestock, P.L., Eubank, H.P., Hosea, J.C., Hwang, D.Q., Strachan, J.D., Thompson, H.R., Jr. Observation of d- ^3He fusion reactions in a Tokamak plasma 1-46917
- Chrien, R.E., Strachan, J.D. Selective fast neutron detector 1-41276
- Chrien, R.E. *see* Brenner, D.S. 1-10581
- Chrien, R.E. *see* Greenwood, R.C. 1-10383
- Chrisophorou, L.G. *see* Ferrell, T.L. 1-11616
- Christe, K.O. Vibrational spectra of $^{15}\text{NF}_4\text{AsF}_6$ and general valence force field of NF_4^+ 1-6261
- Christel, L.A., Gibbons, J.F., Mylroie, S. An application of the Boltzmann transport equation to ion range and damage distributions in multi-layered targets 1-42439
- Christen, D. The molecular structure of thiocarbonylbromide 1-1406
- Christen, D., Oberhammer, H., Zeil, W., Haas, A., Darmadi, D. The molecular structure of seleno- and thiocarbonyl difluoride 1-1405
- Christen, M. Anisotropy of the electrical resistivity in PrAl_2 and DyAl_2 1-30720
- Christen, M. Asymmetric scattering of conduction electrons in the $(\text{La}, \text{Ga})\text{Al}_3$ system 1-34685
- Christensen, A.N., Lebech, B. Magnetic transition temperature of terbium hydroxide oxide. Structure of ytterbium hydroxide oxide 1-42345
- Christensen, A.N. *see* Johansson, L.I. 1-3571
- Christensen, A.N. *see* Norlund *see* Norlund Christensen, A.
- Christensen, C.P., Powell, F.X., Djou, N. Transverse Electroless RF discharge excitation of high-pressure laser gas mixtures 1-1550
- Christensen, C.R. *see* Duthe, J.F. 1-51395
- Christensen, D.A., Riazzi, A. Derivation of the relationship between effective number of transits and finesse for an optical resonator 1-1669
- Christensen, D.A. *see* Barsley, B.G. 1-37641
- Christensen, D.A. *see* Riazzi, A. 1-40838
- Christensen, D.H., Kimball, J.K., Mauk, F.J. Rayleigh wave group velocity dispersion in the North and South Atlantic oceans 1-53095
- Christensen, E.E. *see* Pennington, B.C. 1-43982
- Christensen, G.M. *see* Hebard, D.W. 1-22080
- Christensen, H. *see* Prakash, J. 1-43541
- Christensen, N.E. Energy coincidence method in angle resolved photoemission 1-48235
- Christensen, N.E., Christensen, N. de S. Dynamic-conductance anomalies in Pd films: observation of a phase transition 1-30843
- Christensen, N.I. *see* Carlson, R.L. 1-22269
- Christensen, N. de S. *see* Christensen, N.E. 1-30843
- Christensen, P., Majborn, B. Boron diffused thermoluminescent surface layers in LiF TLDs for skin dose assessments 1-958
- Christensen, P.R., Folkman, F., Hansen, O., Nathan, O., Trautner, N., Videbak, F., Van Der Werf, S.Y., Britt, H.C., Chestnut, R.P., Friesleben, H., Puhlherr, G. Gamma-ray multiplicity moments from ^{86}Kr reactions on $^{14,15}\text{C}$ 1-18663
- Christensen, R.A., Eilbert, R.F. Temperature profiles in UO_2 fuel under direct electric heating conditions 1-42590
- Christensen, R.B. *see* Watson, W.D. 1-27363
- Christensen, R.G., Oldakowski, C.C. Thin film deposition apparatus for double-sided metallurgy 1-48265
- Christensen, R.L. *see* Auerbach, R.A. 1-37217
- Christensen, R.M., Wu, E.M. A theory of crack growth in viscoelastic materials 1-46704
- Christensen, R.M. *see* Garcia-Franco, C.A. 1-2035
- Christensen, R.N., Miller, D.W., DeVuono, A.C. Environmental conditions encountered by instrumentation used in situ experiments 1-848
- Christensen, R.N. *see* Miller, D.W. 1-45649
- Christensen, S.M. Second- and fourth-order invariants on curved manifolds with torsion 1-5182
- Christensen, S.M., Duff, M.J. Quantizing gravity with a cosmological constant 1-27848
- Christensen, S.W. *see* Flanagan, J.L. 1-11256
- Christensen, U. Numerical experiments on convection in a chemically layered mantle 1-54055
- Christensen, U. *see* Knutson, D.S. 1-6011
- Christensen-Dalsgaard, J. The effect of non-adiabaticity on avoided crossings of non-radial stellar oscillations 1-36271
- Christensen-Dalsgaard, J., Dziembowski, W., Gough, D. How deep is the solar convection zone? 1-27470

- Christensen-Dalsgaard, J.**, Gough, D. Implications of the whole-disk Doppler observations of the Sun 1-27462
- Christensen-Dalsgaard, J.**, Gough, D.O. Is the Sun helium-deficient? 1-27455
- Christensen-Dalsgaard, J.**, Gough, D.O. Perturbations in gravitational potential associated with solar oscillations 1-27474
- Christiansen, L.** see Liabres, G. 1-29000
- Christiansen, L.** see Lumbroso, H. 1-10866
- Christian, P.A.**, Carides, J.N., DiSalvo, F.J., Waszczak, J.V. Molybdenum oxide cathodes in secondary lithium cells 1-32008
- Christian, P.E.**, Coleman, R.E., Harris, C.C. An accessory for estimating organ size from gamma camera images 1-49109
- Christiansen, E.** Limit analysis for plastic plates 1-15425
- Christiansen, E.M.** see Lovborg, L. 1-9124
- Christiansen, P.A.**, Pitzer, K.S. Electronic structure for the ground state of TiH from relativistic multiconfiguration SCF calculations 1-37098
- Christiansen, P.A.**, Pitzer, K.S. Electronic structure and dissociation curves for the ground states of Ti_2 and Ti_2^+ from relativistic effective potential calculations 1-45867
- Christiansen, P.A.** see Pitzer, K.S. 1-37131
- Christiansen, P.J.** see Jain, V.K. 1-51960
- Christiansen, P.L.**, Olsen, O.H. Reflection of fluxions on a Josephson line cavity 1-34833
- Christiansen, W.** see Taussig, R.T. 1-48853
- Christiansen, W.H.** High energy laser optics 1-46393
- Christiansen, W.H.**, Wasserstrom, E., Hertzberg, A. The degree of phase compensation of laser beams using gas jets 1-46417
- Christie, A.M.** The THUDD-1 code for simplified HCDA fluid/structure analysis 1-5962
- Christie, A.M.**, Brown, N.W., Joe, B.W. Comparison of experimental and analytic simulations of reactor structural response to a hypothetical core disruptive accident 1-829
- Christie, A.M.**, Todd, M.A., Ranatza, S. Comparison of experimental and analytic responses of scaled LMFBR heads under simulated hypothetical core disruptive accident loads 1-830
- Christie, E.A.** see Cooper, P.J. 1-54241
- Christie, I.** see Sanz-Serna, J.M. 1-49945
- Christie, J.L.** see Nightingale, N.R.V. 1-27041
- Christie, J.M.**, Ord, A. Flow stress from microstructures of mylonites: example and current assessment 1-27112
- Christie, W.H.**, Smith, D.H., McKown, H.S., Carter, J.A. A high-abundance sensitivity mass spectrometer for the International Atomic Energy Agency's Safeguards Analytical Laboratory 1-23762
- Christie, W.H.**, Warmack, R.J., White, C.W., Narayan, J. Laser induced redistribution of ion implanted and surface deposited B in silicon: a SIMS study 1-30267
- Christie, W.H.**, White, C.W. SIMS depth-profiling studies: the effect of laser annealing on the distribution of ion-implanted boron in silicon 1-15920
- Christie, W.H.** see Smith, D.H. 1-17125
- Christie, W.H.** see Wood, R.F. 1-2469
- Christieson, M.L.** Orbit predictions from satellite images 1-22665
- Christillin, P.**, Lipparini, E., Stringari, S., Traini, M. Inclusive radiative pion and muon capture in $N=Z$ nuclei 1-5800
- Christillin, P.**, Rosa-Clot, M., Servadio, S. Muon wave function and Coulomb propagator in radiative muon capture in nuclei 1-10380
- Christillin, P.**, Rosa-Clot, M., Servadio, S. Radiative muon capture in medium-heavy nuclei 1-10381
- Christman, P.J.**, Podzimek, J. Hot-wire anemometer behaviour in low velocity air flow 1-29803
- Christmann, K.** see Behm, R.J. 1-7457, 1-16183
- Christmann, K.** see Demuth, J.E. 1-29033
- Christmann, K.** see Sanda, P.N. 1-11978
- Christmann, M.**, Papin, G. Influence of heat treatment on establishment of equilibria in binary system of lithium hydroxide of sodium 1-25403
- Christmas, P.**, Cross, P. Relative intensities of γ -rays from E2 transitions in the decay of ^{180m}Hf 1-5737
- Christmas, P.** see Watanabe, T. 1-23962
- Christodoulides, C.E.** see Thompson, D.A. 1-52188
- Christodoulou, G.** see Hale, K.F. 1-43633
- Christoffel, D.A.** see Walcott, R.I. 1-54050
- Christofferson, O.** see Herley, P.J. 1-4072
- Christoforow, J.I.** see Bogdanow, W.W. 1-39302
- Christoph, R.**, Danz, P., Diller, R., Woschni, H.G. Precision positioning by using piezoelectrical movement components 1-44892
- Christopher, J.E.** see Wimmers, J.T. 1-47732
- Christophorou, J.** Low-frequency loudspeaker measurements with an accelerometer [motion of cone] 1-15344
- Christophorou, L.G.** see Chan, C.C. 1-7032
- Christophorou, L.G.** see James, D.R. 1-7030
- Christophorou, L.G.** see Pai, R.Y. 1-7035, 1-15709
- Christophorou, L.G.** see Sauer, I. 1-15687
- Christophorou, L.G.** see Schweinler, H.C. 1-11494
- Christophorou, L.G.** see Szamrej, I. 1-37346
- Christophorou, L.G.** (editor) Gaseous Dielectrics II. Proceedings of the Second International Symposium on Gaseous Dielectrics 1-5031
- Christov, Ch.** see Petrova, M. 1-6539
- Christov, S.G.** Collision theory of bimolecular and unimolecular reactions and its experimental test 1-4054
- Christova, P.Ch.** see Bardin, D.Yu. 1-18408
- Christy, R.I.** Sputtered MoS_2 lubricant coating improvements 1-30320
- Chroboczek, J.A.** The effect of stress and strong magnetic fields on the shallow impurities in semiconductors and the piezoresistance and magnetoresistance for hopping conduction 1-47653
- Chrostowski, J.** Change of the statistics of laser pulses due to two-photon absorption 1-11036
- Chrostowski, J.**, Faubert, D., Delisle, C. Numerical study on transmission of multimode laser pulses by dye molecules 1-10997
- Chrostowski, J.** see Mieleniczuk, W.J. 1-51552
- Chryanthopoulos, G.S.**, Jain, R.K. Thermal interactions between normal and neoplastic tissues in the rat, rabbit, swine, and dog during hyperthermia 1-8823
- Chryschoos, J.**, Anantharaman, V. Fluorescence and phosphorescence quenching of L-(-)-tryptophan in DMSO by Eu^{3+} 1-26271
- Chryschoos, J.**, Tokousbalides, P. Near resonance interactions between Stark components of the $^6\text{H}_{5/2}$ and $^4\text{G}_{5/2}$ states of Sm^{3+} in $\text{POCl}_3\text{SnCl}_4$ 1-26272
- Chrzanowski, J.** see Sujak, B. 1-2608
- Chrzesczycki, A.**, Piechocki, W. On the existence of generalized solutions for thermally induced vibrations in a nonhomogeneous and nonlinear plate 1-37838
- Chu, A.** see Altschuler, M.D. 1-35884
- Chu, B.**, Lin, Y.-H., Dinapoli, A., Nose, T., Kuwahara, N. Light scattering studies of polymer phase transitions 1-38244
- Chu, B.** see Gulari, E. 1-2609
- Chu, B.** see Patkowski, A. 1-8804, 1-24296
- Chu, B.** see Schneider, R. 1-20402
- Chu, C.** see Ohkawa, T. 1-29900
- Chu, C.C.**, Needleman, A. Void nucleation effects in biaxially stretched sheets 1-41959
- Chu, C.K.** see Yamazaki, K. 1-51972
- Chu, C.M.** see Weil, H. 1-6478
- Chu, C.W.**, Huang, S.Z., Lin, C.H., Meng, R.L., Wu, M.K., Schmidt, P.H. High-pressure study of the anomalous rare-earth ternaries $\text{Eu}_2\text{Mo}_2\text{S}_8$ and $\text{Eu}_2\text{Mo}_2\text{Se}_8$ 1-42880
- Chu, F.Y.**, Boggs, S.A., Law, C.K. Studies of power arc faults in SF_6 insulated equipment 1-38166
- Chu, F.Y.**, Law, C.K. Effects of power arc in gas insulated equipment 1-11630
- Chu, F.Y.**, Law, C.K., Boggs, S.A. Dynamics of power arcs in co-axial electrode geometry 1-15686
- Chu, F.Y.** see Boggs, S.A. 1-20007
- Chu, H.Y.** Arbitrary Lagrangian-Eulerian method for transient fluid-structure interactions 1-33318
- Chu, J.C.H.**, Grant, W.H., III, Almond, P.R. A liquid ionisation chamber for neutron dosimetry 1-23977
- Chu, K.K.-T.**, Pappas, M., Herman, H. Dynamics of submerged cylindrical shells with eccentric stiffening 1-15432
- Chu, M.** Effects of annealing on $\text{Hg}_{0.79}\text{Cd}_{0.21}\text{Te}$ epilayers 1-38871
- Chu, M.**, Vanderwyck, A.H.B., Cheung, D.T. High-performance backside-illuminated $\text{Hg}_{0.78}\text{Cd}_{0.22}\text{Te}/\text{CdTe}$ ($\lambda_{\text{CO}}=10\text{ }\mu\text{m}$) planar diodes 1-3080
- Chu, M.** see Ohkawa, T. 1-29900
- Chu, M.S.** see Jensen, T.H. 1-19931
- Chu, P.L.**, Peri, D. Holographic measurement of refractive-index profile of optical fibre preform 1-19440
- Chu, P.L.**, Peri, D. Application of focusing method of index profiling to transition region of optical fibre preform 1-33812
- Chu, P.L.** see Peri, D. 1-15268
- Chu, R.C.** Positron emission tomography: an emerging technology 1-22131
- Chu, R.Y.L.**, Zielinski, F.W., Ing, S.J., Poe, N.D. Collimator and xenon-127 for ventilation studies 1-53887
- Chu, S.**, Gibbs, H.M., McCall, S.L., Passner, A. Energy transfer and Anderson localization in ruby 1-31187
- Chu, S.**, Mills, A.P., Jr., Murray, C.A. Thermodynamics of positronium thermal desorption from surfaces 1-52632
- Chu, S.N.G.**, Li, J.C.M. Localized stress relaxation by impression testing 1-12781
- Chu, S.N.G.**, Li, J.C.M. Pencil slip in beta-tin single crystals 1-21511
- Chu, S.S.** see Kazmerski, L.L. 1-16379
- Chu, T.** see Adamovich, M.I. 1-45317
- Chu, T.C.** see Sera, K. 1-24265
- Chu, T.L.** see Kazmerski, L.L. 1-16379
- Chu, W.K.**, Poponiak, M.R., Alessandrini, E.I., Lever, R.F. Interference of arsenic diffusion by argon implantation 1-2484
- Chu, W.K.** see Saris, F.W. 1-38673
- Chu, W.-K.**, Vanhoute, J.J., Swirczynski, T., Wunder, B. Reduction of personnel exposure in diagnostic radiology 1-53908
- Chu, W.T.** Statistical properties of energy spectral response as a function of direct-to-reverberant energy ratio 1-11246
- Chu, Y.S.** see Barber, D. 1-14407
- Chu, Y.S.** see Barber, D.P. 1-534, 1-28309
- Chu, Yung-sung** see Wang Ye-ning 1-46443
- Chu Yue-hui** Thermoelectric refrigeration of semi-conductors 1-27991
- Chu Kwo Ray** see Kwo Ray Chu
- Chu Lih-Ching** see Lih-Ching Chu
- Chu San-Yan** see San-Yan Chu
- Chu Shu-Yuan** see Shu-Yuan Chu
- Chu Tsai** see Tsai Chu
- Chu Wu-Yang** see Wu-Yang Chu
- Chu Wuyang**, Li Shiqiong, Xiao Kimei, Wang Cheng Stress corrosion of high strength steels in water medium 1-39500
- Chu You-Hua** see You-Hua Chu
- Chu Zaixiang**, Chen Souren, Chen Hongpan Radiant emission characteristics of isothermal diffuse cylindrical-inner-core cavities 1-15369
- Chu-Liang Yang** see Yang Chu-Liang
- Chuah, D.G.S.**, Lee, S.L. Solar radiation estimates in Malaysia 1-53560
- Chuan, R.L.** see Rose, W.I., Jr. 1-32417
- Chuan-zhen Ge** see Ge Chuan-zhen
- Chuang, C.T.** see White, R.M. 1-51678
- Chuang, S.L.**, Kong, J.A., Tsang, L. Radiative transfer theory for passive microwave remote sensing of a two-layer random medium with cylindrical structures 1-35986
- Chuang, T.J.** Multiple photon excited SF_6 interaction with silicon surfaces 1-48730
- Chuang, T.J.** Infrared laser radiation effects on XeF_2 interaction with silicon 1-48731
- Chuang, T.J.** see Yung-Yi Tu 1-48213
- Chuang Yin-mo**, Shu Yu-mao Efficiency equation of detecting rain by radar and its applications 1-22477
- Chuang-tian Chen** see Chen Chuang-tian
- Chuanli Zhang**, Renbao Liu, Guohua Feng A study on SmCo_5 and $\text{Sm}_2\text{O}_3\text{MMo}_5\text{Co}$ amorphous films 1-16459
- Chuanyun Xue** Newly designed dipole-beam optics system for cesium-beam frequency standards 1-36610
- Chuanzan Yu** see Yu Chuanzan
- Chuaqui, H.** An optoisolator for plasma diagnostics 1-42207
- Chubachi, N.** see Kushibiki, J. 1-33860, 1-33864
- Chubarian, E.V.** see Balek, V. 1-36311
- Chubaryan, E.V.** see Arutyunyan, G.G. 1-9552
- Chubaryan, E.V.** see Sarkisyan, A.V. 1-9539, 1-22783
- Chubb, J.P.**, Billingham, J. Coated cutting tools—a study of wear mechanisms in high speed machining 1-12890
- Chubb, S.R.**, Fox, D. Correlation functions of odd numbers of spins with finite separations on the Onsager-Ising lattice 1-36578
- Chubb, T.** see Ulmer, M.P. 1-54640
- Chubb, T.A.** see Mufson, S.L. 1-36381
- Chubb, T.A.** see Skinner, G.F. 1-17906
- Chubisov, M.A.**, Akkerman, A.F. On the reliability of the interatomic potential derived from elastic energy loss measurements 1-26348
- Chubok, V.A.** see Ostrovskii, A.A. 1-17002, 1-26692
- Chuchadeyev, D.N.** see Kuchay, V.K. 1-13619
- Chuchem, D.** see Karny, Z. 1-15176
- Chuchkov, E.A.** see Lyubimov, G.P. 1-36144
- Chuchman, S.G.** see Ugodnikova, L.A. 1-12265
- Chudacek, I.**, Mackus, P., Smilga, A. The photo-capacitance effect in the thin layer system $\text{CdSe/As}_2\text{Se}_3\text{Te}_2$ 1-47711
- Chudacek, R.C.** see Landgrebe, A.R. 1-53586
- Chudinov, S.M.**, Moshchalkov, V.V., Saltykov, P.A., Belaya, A.D., Zemskov, V.S. Effect of hydrostatic pressures on the electron Fermi surface of bismuth and its alloys 1-52470
- Chudinov, S.M.** see Brandt, N.B. 1-25745, 1-47457
- Chudinov, V.G.** see Polosukhin, B.G. 1-28781
- Chudinova, N.N.**, Avaliani, M.A., Guzeva, L.S., Tananav, I.V. Preparation of double condensed phosphates of gallium and alkali metals 1-35164
- Chudinova, N.N.**, Vinogradova, N.V. Preparation and properties of double metaphosphates of rare earths and lithium 1-34305
- Chudinova, N.N.** see Avaliani, M.A. 1-12978
- Chudinova, N.N.** see Lazarevskii, E.V. 1-39257
- Chudley, C.T.** see Brough, M.D. 1-14571
- Chudnovskii, F.A.** see Andreev, V.N. 1-16324
- Chudnovskii, F.A.** see Rokakh, A.G. 1-347
- Chudnovsky, A.**, Palley, I., Baer, E. Thermodynamics of the quasicrystalline growth of crazes 1-38442
- Chudnovsky, C.V.** see Chudnovsky, D.V. 1-28224

- Chudnovsky, D.V. One and multidimensional completely integrable systems arising from the isospectral deformation 1—36819
- Chudnovsky, D.V., Chudnovsky, C.V. The construction of factorized S-matrices—the relationships between the Baxter model and 'Zamolodchikov algebras' 1—28224
- Chudnovsky, D.V., Chudnovsky, G.V. Zakharov-Shabat-Mikhailov scheme of construction of two-dimensional completely integrable field theories 1—444
- Chudnovsky, D.V., Chudnovsky, G.V. The universal families of one dimensional commuting Hamiltonians which generate all two dimensional isospectral deformation equations 1—22993
- Chudnovsky, D.V., Chudnovsky, G.V. Remark on the nature of the spectrum of the Lame equation. A problem from transcendence theory 1—27764
- Chudnovsky, D.V., Chudnovsky, G.V. A remark on abstract operator completely integrable equations 1—32855
- Chudnovsky, D.V., Chudnovsky, G.V. Completely X-symmetric s-matrices corresponding to theta functions 1—36822
- Chudnovsky, G.V. see Chudnovsky, D.V. 1—444, 1—22993, 1—27764, 1—32855, 1—36822
- Chudoba, T. see Balas, V. 1—3516
- Chuebon, R.P., Lacy, N., Murray, M. Vent-filtered containment for the Sequoyah nuclear plant 1—50843
- Chuen Chak Ki see Ki Chuen Chak
- Chuen-Der Lien see Chun Hsiung Chen 1—1450, 1—49946
- Chuev, V.V. see Vokhmyanin, A.P. 1—30938
- Chugai, T.V. see Avchukhov, V.D. 1—45386
- Chugui, Yu.V. see Krivenkov, B.E. 1—46239
- Chugunov, A.Yu. see Boiko, V.A. 1—25068
- Chugunov, O.K. see Platonov, P.A. 1—28603
- Chugunova, G.P., Mitin, A.V. Study of γ magnetic resonance by selective electron Mossbauer spectroscopy 1—26084
- Chui, S.T., Weeks, J.D. Pinning and roughening of one-dimensional models of interfaces and steps 1—52444
- Chui, S.T. see Southern, B.W. 1—12306
- Chuiiko, G.A. see Blinov, N.N. 1—39982
- Chuiiko, V.A. see Azovtsev, V.P. 1—32960
- Chuiiko, V.G. see Bil'ko, M.I. 1—293
- Chuiiko, V.G. see Kolotygin, S.A. 1—294
- Chuiikova, N.A. On the distribution of gravity and of plumb-line deviations over the lunar surface 1—13710
- Chuiustov, K.V. see Azamatova, F.I. 1—35235
- Chuiustov, K.V. see Bazelyuk, G.Ya. 1—7177
- Chuiustov, K.V. see Berezina, A.L. 1—3791
- Chuiustov, K.V. see Demin, S.A. 1—11855
- Chujo, M. see Hillman, D.E. 1—17538
- Chukae, A. see Sparrow, E.M. 1—42052
- Chukhiantsev, V.G. see Alyamovskaya, K.V. 1—35221
- Chukhovskii, F.N. see Gabrielyan, K.T. 1—23398
- Chukhovskoy, F.N. Dynamic X-ray scattering in elastically bent crystals. I. Laue diffraction (review) 1—46952
- Chukhorov, A.Yu. Convection of magnetizable fluid with internal heat release in a coaxial gap 1—6899
- Chukichev, M.V. see Gorban', I.S. 1—21279
- Chukwumah, G.C. Heavy quark cascade mechanism of tetraquon production by neutrinos in a scale-breaking model 1—536
- Chukwumah, G.C. QCD predictions for opposite-sign dimuon production rates in a charged-current inclusive neutrino scattering at high energies 1—5615
- Chul Lee see Nak Bac Kim 1—8632
- Chul Myung Byn see Hyo Chul Myung
- Chutichkin, N.N. see Ableev, V.A. 1—37638
- Chulkov, E.V., Psakh'e, S.G. Special points in FCT structures 1—2355
- Chulkov, E.V. see Psakh'e, S.G. 1—15921
- Chulkov, L.V. see Bochkarev, O.B. 1—23625
- Chulkov, N.G. see Nefedov, V.I. 1—52409
- Chulyaeva, E.G. see Kapralov, V.P. 1—50109
- Chum, H.L., Fahlsing, R.F., Jayadev, T.S. Analysis of the application of thermogalvanic cells to the conversion of low grade heat to electricity 1—53636
- Chumachenko, A.V. see Rogankov, V.B. 1—6916
- Chumakov, A.V. see Ishkhanov, B.S. 1—696
- Chumakov, M.M. see Burgov, N.A. 1—598
- Chumakova, L.D. see Rozhkova, S.B. 1—35333
- Chumakova, S.P. see Chistyakov, I.G. 1—30053
- Chumash, V.N. see Boiko, G.A. 1—8104
- Chumlyakov, Yu.L., Korotaev, A.D., Bushnev, L.S., Esipenko, V.F. Work hardening of poly- and mono-crystals of Cu-Al-Co alloys containing noncoherent particles 1—3764
- Chumlyakov, Yu.L., Korotaev, A.D., Bushnev, L.S., Esipenko, V.F., Veselov, Yu.G. Temperature dependences of the flow and critical shear stresses of dispersion-hardening alloys 1—53194
- Chumlyakov, Yu.L. see Korotaev, A.D. 1—2464
- Chun, Ch.-H. Experiments on steady and oscillatory temperature distribution in a floating zone due to the Marangoni convection 1—11392
- Chun, M.K. Comments on 'Study of thermal relaxation in a repetitively pumped Nd:glass laser rod' 1—29284
- Chun Byong Sun see Byong Sun Chun
- Chun Chiang Mechanism of memory and switching process in amorphous thin film 1—7672
- Chun Chiang A theory of McColough effect and contingent after effect 1—8866
- Chun C.Lin see Parker, J.W. 1—39632
- Chun Fu Su Application of 3j and 6j symbols to the Stark effect with hyperfine structure 1—29032
- Chun Hsiung Chen, Chuen-Der Lien The variational principle for non-self-adjoint electromagnetic problems 1—1450
- Chun Hsiung Chen, Chuen-Der Lien A variational numerical solution of the one-dimensional wave propagation problem for an inhomogeneous medium 1—49946
- Chun Soung-Soon see Soung-Soon Chun
- Chun-Ching Shih, Yariu, A. Single-electron analysis of the space-charge effect in free-electron lasers 1—19315
- Chun-fi Li see Li Chun-fi
- Chun-Hsiung Chen, Yean-Woei Kiang A variational theory for wave propagation in a one-dimensional inhomogeneous medium 1—29172
- Chun-li Li see Li Chun-li
- Chun-Tang Ye see Ye Chun-Tang
- Chun-Woo Nham see Joon-Sung Chang 1—46384
- Chun-yuan Zhang see Zhang Chun-yuan
- Chunakova, N.M. see Kartasheva, T.A. 1—9246
- Chunarev, E.N. see Leonov, V.V. 1—47692
- Chunchuzov, E.P. see Grachev, A.I. 1—13515
- Chung, B.T.F., Yuan Pang A model for mass transfer in turbulent pipe flow with a first-order chemical reaction 1—29788
- Chung, B.T.F. see Yeh, L.T. 1—1804
- Chung, C.H., Mackenzie, J.D. Electrical properties of binary semiconducting oxide glasses containing 55 mole % V_2O_5 1—30743
- Chung, C.I., Griesbach, H.L., Young, L. High-temperature morphological transition in a styrene-butadiene-styrene block copolymer 1—15813
- Chung, D.D.L. see Bardhan, K.K. 1—34474, 1—34584, 1—43285, 1—43286
- Chung, D.D.L. see Culik, J.S. 1—8614
- Chung, D.W., Stoloff, N.S. Delayed failure of vanadium-hydrogen alloys 1—43516
- Chung, D.W. see Chaturvedi, M.C. 1—53237
- Chung, H., Turula, P., Mulcahy, T.M., Jendrzewski, J.A. Analysis of a cylindrical shell vibrating in a cylindrical fluid region 1—41167
- Chung, H.K., DeTemple, T.A. Semiclassical treatment of multiphoton interactions: signal-flow-graph approach 1—24097
- Chung, H.K. see DeTemple, T.A. 1—19070
- Chung, H.M. Zircaloy reaction in hydrogen-steam mixtures: implications for TMI-2 core damage 1—41178
- Chung, J.C., Huang, J.C. Intensity fluctuations and spatial coherence of a single polarized component of a saturating amplified-spontaneous-emission source 1—1545
- Chung, J.Y., Blaser, D.A. Transfer function method of measuring acoustic intensity in a duct system with flow 1—29489
- Chung, K.C., Kodama, T. Electron capture and stellar core implosion 1—40463
- Chung, K.-M. see Hartmann, H. 1—41292
- Chung, K.T. Triply excited 2P and 2D resonance of He $^+$ 1—1138
- Chung, K.T. $1s2s2p\ ^2P$ resonance of He $^+$ 1—51148
- Chung, K.T., Davis, B.F. Saddle-point technique for helium in the elastic- and inelastic-scattering energy region 1—1371
- Chung, K.T. see Scheinbeim, J.I. 1—11693
- Chung, P.S., Wilson, M.G.F. Optical mode conversion using chirped gratings 1—33830
- Chung, S.-H. see Anson, M. 1—44061
- Chung, S.-H. see Pinder, A.C. 1—44062
- Chung, S.K. Growth of perpendicular magnetic anisotropy in GdCo amorphous thin films 1—12365
- Chung, S.U., Etkin, A., Fernow, R., Foley, K., Goldman, J.H., Kirk, H., Kopp, J., Lesnik, A., Love, W., Morris, T., Ozaki, S., Platner, E., Protopopescu, S.D., Saulys, A., Weygand, D.P., Wheeler, C.D., Willen, E., Bensinger, J., Morris, W., Lindenbaum, S.J., Kramer, M.A., Mallik, U., Bar-Yam, Z., Dowd, J., Kern, W., Winik, M., Button-Shaffer, J., Dhar, S., Licht, R. Search for narrow pp states in the reaction $\pi^-p \rightarrow \pi^0 p$ at 16 GeV/c 1—14423
- Chung, S.U., Etkin, A., Fernow, R., Foley, K., Goldman, J.H., Kirk, H., Kopp, J., Lesnik, A., Love, W., Morris, T., Ozaki, S., Platner, E., Protopopescu, S.D., Saulys, A., Weygand, D.P., Wheeler, C.D., Willen, E., Bensinger, J., Morris, W., Lindenbaum, S.J., Kramer, M.A., Mallik, U., Bar-Yam, Z., Dowd, J., Kern, W., Winik, M., Button-Shaffer, J., Dhar, S., Licht, R. Search for narrow p states in the reaction $\pi^-p \rightarrow \pi^0 p$ at 16 GeV/c 1—45362
- Chung, S.U., Fernow, R., Kirk, H., Lesnik, A., Protopopescu, S.D., Weygand, D., Bensinger, J., Kirsch, L., Morris, W., Poster, R., Schmidt, P., Meadows, B.T., Albright, J., Diamond, R., Fenker, H., Goldman, J.H., Hagopian, V., Jenkins, C.M., Bar-Yam, Z., Dowd, J., Kern, W., Winik, M. Search for narrow pp states in the reactions $\pi^-p \rightarrow \pi^0 p$ and $\pi^-p \rightarrow \eta p$ at GeV/c 1—41006
- Chung, T.J., Karr, G.R. Analysis of nonlinear chemically reactive flow characteristic of high energy laser systems 1—11476
- Chung, T.J., Prater, J.L. A constitutive theory for anisotropic hyperthermoelasticity with finite element applications 1—37805
- Chung, T.J. see Karr, G.R. 1—1802
- Chung, V., Ki Chuen Chak, Zacuto, P., Hart, H.E. Multiple photon coincidence tomography 1—32240
- Chung, W. see Wildenthal, B.H. 1—14466
- Chung, W.H., Shin, Y.M. The positive-parity states in ^{17}O and ^{17}F 1—41025
- Chung, W.K. see Ishikawa, T. 1—204, 1—47218
- Chung, Y. A ^{226}Ra section across the East Pacific Rise 1—4529
- Chung, Y. Radium-barium-silica correlations and a two-dimensional radial model for the world ocean 1—9177
- Chung, Y., Applequist, M.D. ^{226}Ra and ^{210}Pb in the Weddell Sea 1—4532
- Chung, Y., Craig, H. ^{226}Ra in the Pacific Ocean 1—4505
- Chung, Y., Kim, K. Excess ^{222}Rn and the benthic boundary layer in the western and southern Indian Ocean 1—9179
- Chung, Y., Takeshita, T., McMasters, O.D., Gschneidner, K.A., Jr. Influence of the lattice and electronic factors on the hydrogenation properties of the RNi $_2$ -base (R is a rare earth) Hauke compounds: results of low temperature heat capacity measurements 1—20418
- Chung, Y.C. see Finkel, R.C. 1—17577
- Chung, Y.W. see Kesmodel, L.L. 1—42622
- Chung, Y.W. see Swami, T.K.G. 1—16665
- Chung Bar Chen see Yu Min Cheng 1—37449
- Chung Chan, Longren, K.E., Hershkowitz, N. Deflected-beam-excited ion-cyclotron beam modes 1—34102
- Chung Chien-Shine see Chien-Shine Chung
- Chung Kie-Hyung see Kie-Hyung Chung
- Chung Lau Hon see Hon Chung Lau
- Chung Lee Ha see Ha Chung Lee
- Chung Lee Lee, Jyh Fa Lee, Juang Yau Huang Linear phase shift electrodes for the planar electrooptic prism deflector 1—6682
- Chung Sunggi see Sunggi Chung
- Chung Tse-Won Two-step diffusion of boron into silicon by spin-on source 1—25507
- Chung Wang Chi see Chi Chung Wang
- Chung-Chang Yang, Josefowicz, J.Y., Alexandru, L. Deposition of ultrathin films by a withdrawal method 1—31373
- Chung-Phillips, A. see Aufderheide, K.H. 1—1076
- Chung-Te Lee see Wen-Jey Liang 1—53735
- Chunis, J.A. see Bonaca, M.V. 1—50884
- Chunkuan Shih, Wang, C.Y. Superheat-limit explosion of Freon-11 1—48725
- Chuntanov, G.A. see Berger, Yu.K. 1—9247
- Chuntanov, K.A. see Gladishevskii, E.I. 1—20116
- Chupakhina, V.M. see Grinyan, S.N. 1—2871
- Chupis, I.E. Exchange magnetoelastic interaction and temperature phase transitions in ferroelectric antiferromagnets 1—52820
- Chupka, W.A. see Pratt, S.L. 1—19176
- Chupp, E.L. see Cherry, M.T. 1—49492
- Chupp, T.E. see Adelberger, E.G. 1—37352
- Chuprakov, V.F. see Buzin, I.M. 1—34982
- Chuprikov, N.L. see Karavaev, G.F. 1—20791, 1—42808
- Chuprunov, E.V., Tarkhova, T.N., Suvorova, G.F., Belov, N.V. Some properties of vector systems corresponding to a partial Patterson function 1—20025
- Chuprynin, V.I. On the temperature disturbances of a fluid in the nonstationary velocity field 1—32449
- Churaev, N.V. Capillary osmosis of nonelectrolyte solutions in fine pores 1—53462
- Churaev, N.V. see Martynov, G.A. 1—53463
- Churaev, V.A. Dynamics of the instability of a thin cylindrical shell. I 1—29587
- Churaev, V.A., Dashkina, S.I. Dynamics of the instability of a thin cylindrical shell. II 1—41966
- Churaev, V.A., Dashkina, S.I. Engineering analysis of an experimental apparatus for plasma compression by an explosively-driven liner 1—42199
- Churakov, M.M. see Teodorovich, O.K. 1—39315
- Churakov, V.V. see Bertel, I.M. 1—46304
- Churakova, N.P. see Pugachev, A.T. 1—47761
- Churakova, T.A. see Batkin, I.S. 1—41354
- Churassy, S. see Bacis, R. 1—6227
- Churassy, S. see Pique, J.P. 1—51311
- Church, C.R., Snow, J.T., Dessens, J. Intense atmospheric vortices associated with a 1000 MW fire 1—22383
- Church, C.R. see Snow, J.T. 1—17664
- Church, D.A., Holzschetter, H.M. Charge transfer from N_2 to doubly charged ions 1—14992

- Church, D.A. *see* Holzschelter, H.M. 1-53413
 Church, J.S. *see* Durig, J.R. 1-14894, 1-39073
 Churcher, J. *see* Heywood, S. 1-39935
 Churchill, R.C., Pecelli, G., Rod, D.L. Stability transitions for periodic orbits in Hamiltonian systems 1-83
 Churchill, R.J. *see* Yadlowsky, E.J. 1-34984
 Churchill, E. Observations and analyses of interstellar cyanogen 1-22852
 Churchill, E., Hocking, W.H., Merer, A.J., Gerry, M.C.L. Interstellar titanium monoxide: limits and implications 1-9622
 Churchill, E., Nash, A., Rahe, J., Walmsley, C.M., Lochner, O., Winnewisser, G. Abundances and excitation of interstellar methyl formate 1-44613
 Churchill, E. *see* Felli, M. 1-49776
 Churilov, S.M. *see* Polyachenko, V.L. 1-44430
 Churkin, M., Jr. *see* Van der Voo, R. 1-22213
 Churkin, V.A. On the dynamical evolution of a cluster of non-point gravitating bodies 1-13868
 Churmaev, O.M. *see* Berman, V.S. 1-19834
 Churmaeva, M.I. *see* Barabanov, I.R. 1-671
 Churnside, J.H. Optical communications through a dispersive medium: a performance bound for photocounting 1-46231
 Churnside, J.H. *see* McIntyre, C.M. 1-1493
 Chursina, E.I. *see* Fedosov, V.N. 1-25971
 Churumova, L.F. *see* Zusanovich, A.G. 1-36147
 Chute, W.J. *see* Cameron, T.S. 1-20133
 Chutjian, A. Spectra and cross sections for electron autoionisation in low energy Mg⁺-Ne collisions 1-41464
 Chutov, Yu.I., Kravchenko, A.I., Lisitschenko, T.E., Chernoluskii, D.L. Gas-filled diode with a pulsed discharge 1-25095
 Chuu, D.S. *see* Hsieh, S.T. 1-36906
 Chuvaev, K.K. Spectroscopic observations of SS 433 in 1979 1-17855
 Chuvilla, D.Yu. *see* Novikov, V.M. 1-10525
 Chuvilla, Yu.N. *see* Milevskii, L.S. 1-20228
 Chuvilo, I.V. *see* Blinov, A.V. 1-23665
 Chuvyrov, A.N. Influence of spontaneous polarization on mechanical stability of nematic liquid crystals 1-2324
 Chuvyrov, A.N. *see* Lachinov, A.N. 1-26134
 Chvirak, V.P., Stepanova, I.A., Korin'ko, A.N. Adsorption of zinc on the surface of iron in sodium amalgam 1-48728
 Chvoj, M. Vibrating magnetometer PVM-1 for the measurement of magnetic properties of magnetic materials 1-40824
 Cwaleba, A., Moeschke, B., Siedlecki, A. Measurement of average water flow rate in rivers 1-32548
 Cwazang, A.K., Sundaralingam, M., Leonard, N.J. Structure of 6-(2-phenethyl)purine, a synthetic cytokinin 1-32089
 Cwazczewska, J. *see* Slapa, M. 1-18952
 Czwiror, S., Legowski, S., Zaremba, J. Dynamical Stark effect for atoms in a static magnetic field: Dressed atom model 1-10694
 Chye, P.W. *see* Su, C.Y. 1-16173
 Chye, J. Beauty after charm? 1-45204
 Chylek, P., Kiehl, J.T., Ko, M.K.W., Ashkin, A. Surface waves in light scattering by spherical and non-spherical particles 1-6481
 Chylek, P. *see* Kiehl, J.T. 1-6479
 Chylek, P. *see* Ramaswamy, V. 1-9233
 Chynoweth, D.P. *see* Forro, J.R. 1-53531
 Chyong Tchi Fan *see* Fan Chyong Tchi
 Chyong Za Blnh *see* Gogoso, V.V. 1-15552
 Chyong Za Blnh *see* Taktarov, N.G. 1-19825
 Chyung, C.K. *see* Raj, R. 1-31522
 Ci-qun Liu *see* Liu Ci-qun
 Ciach, R. *see* Pawlowski, A. 1-16805
 Ciach, R. *see* Wolczynski, W. 1-12730
 Cifaloni, M. Exponentiating soft emission in QCD 1-512
 Cifaloni, M. *see* Amati, D. 1-597
 Ciacchi, L., Moretti, P., Mancini, M., Spina, G. On the temperature dependence of the g shift in Nd³⁺:YES 1-52534
 Cifapetti, G. *see* Allasia, D. 1-23495
 Ciarlet, P.G. A justification of the von Karman equations 1-1823
 Ciarlet, P.G. Derivation of nonlinear plate models from three-dimensional elasticity 1-23016
 Ciarlari, R.M., Filho, W.J. Pumped-storage development in Brazil 1-43738
 Ciarlari, R.M., Jordao, W. Pumped-storage development in Brazil. II 1-53544
 Ciatti, F., Mammato, A., Vittone, A. A kinematical analysis of SS 433 after two observing seasons, 1978-79 1-54507
 Ciatti, F. *see* Panagia, N. 1-13790
 Ciatti, F. *see* Votolani, G. 1-49699
 Ciazynski, D., Mantsch, P. Typical problems of the correction magnets for Fermilab Energy Saver 1-45750
 Cibert, J. *see* Abdalian, A.T. 1-12491
 Ciborowski, J. *see* Bertrand, D. 1-23491
 Ciborra, B. Energy analysis method for a solar panel 1-17257
 Cicala, P. Asymptotic properties of steep solutions in shells 1-11305
 Ciccarelli, F. *see* Chiaradia, P. 1-8096, 1-52626
 Cicco, D. *see* di Cicco, D.
 Cicciotti, G., Tenenbaum, A. Canonical ensemble and nonequilibrium states by molecular dynamics 1-46836
 Ciechocki, A. The comparison of the properties of hydrogen forms of zeolite T obtained by the treatment with hydrochloric acid of 100°C or through the ammonium form and its decomposition 1-43290
 Cicuta, G.M. Large N and non trivial dynamics 1-23420
 Cicuta, G.M., Marchesini, G., Montaldi, E. The vacuum channel in non-Abelian gauge theories 1-14237
 Cid, M., Pelerin, J., Petit, M.C. Corrosion of nickel-iron alloys in the transpassive region 1-48577
 Ciddor, G.S. Core balance earth-leakage circuit breaker tester 1-5340
 Ciddor, G.S. *see* Coles, J.R. 1-8977
 Cieplak, M., Gutowski, M., Sjolander, A. Static correlations in one-dimensional classical easy-plane magnets 1-3189
 Cieplak, M., Turski, L.A. Magnetic solitons and elastic kink-like excitations in compressible Heisenberg chain 1-3133
 Cieplak, M., Turski, L.A. Solitons in quantum Heisenberg chain 1-16446
 Cieplak, M.Z. *see* Bysszewski, P. 1-12128
 Cierjacks, S. *see* Hinterberger, F. 1-36934
 Cierplikowska, E. The possibilities of the domination of ionic conduction in metal oxides with wide energy gap 1-42573
 Cifarelli, L. *see* Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
 Ciftcioglu, O., Geckinli, M. A CAMAC-based reactivity-meter for nuclear reactors 1-23791
 Cignoli, F. *see* Benecchi, S. 1-42113
 Ciba, K. *see* Cernak, J. 1-38577
 Cihal, V. A potentiokinetic reactivation method for predicting the ICC and IGSCC sensitivity of stainless steels and alloys 1-31717
 Cihal, V. *see* Gempeler, A. 1-2451
 Cihangir, S. *see* Berg, D. 1-28320
 Cihangir, S. *see* Collick, B. 1-45290
 Cihangir, S. *see* Jonckheere, A. 1-51013
 Ciliano, R. *see* Sanghvi, A.P. 1-21873
 Ciliberto, S. *see* Bassan, M. 1-339
 Cimerman, M., Scoville, N. OH maser pumping by line overlap at 2.8 microns 1-9495
 Ciminale, A. *see* Andreotti, L. 1-17297
 Ciminale, M. *see* Patella, D. 1-4495
 Cimini, L.J. *see* Kassam, S.A. 1-5292
 Cimino, A., Gazzoli, D., Valigi, M. The effect of the reduction of NH₄ReO₄ dispersed on titanium dioxide on the anatase-rutile transformation 1-20378
 Cimiraglia, R., Persico, M., Tomasi, J. Roto-electronic and spin-orbit couplings in the predissociation of HNO. A theoretical calculation 1-18996
 Cimiraglia, R., Persico, M., Tomasi, J. The evaluation of nonadiabatic matrix elements. A comparison of different approximations applied to LiH X-A⁺Σ⁺ 1-28955
 Cimiraglia, R., Resta, R. Study of correlation holes. II. CI calculations on model polyatomic systems 1-51137
 Cimpl, Z. *see* Schauer, F. 1-20861
 Cindrich, I., Aleksoff, C.C., Fienup, J.R., Somers, L.E. Optical processor for the very large array (VLA) radiotelescope. System concept 1-54385
 Cindrich, I., Fienup, J.R., Aleksoff, C.C., Klooster, A., Dallaire, R. Optical processing architecture for radiotelescope data 1-17768
 Cindro, N. *see* Drake, D.M. 1-28448
 Cingo, R.P. Wind energy conversion—is it environmentally acceptable? 1-53709
 Cingolani, A. *see* Catalano, I.M. 1-3437, 1-46436
 Cini, G. *see* Bergamasco, L. 1-4729
 Cini, M. Time-dependent approach to electron transport through junctions: general theory and simple applications 1-34773
 Cinguini, C. *see* Lambdin, D. 1-37793
 Ciobotaru, S. *see* Varodin, V. 1-40077
 Ciofetta, G., Silverman, M., Hughes, J.M.B. Quantitative approach to the study of regional lung function in children using krypton 81 m 1-49102
 Ciofi degli Atti, C. Electron scattering by nuclei 1-28468
 Cionini, P.G. *see* Bottiroli, G. 1-35750
 Ciorogor, L. Numerical converter for fluid parameters 1-15557
 Ciotti, P. *see* Basili, P. 1-54279
 Cipar, J. Telemetric observations of the 1976 Friuli, Italy earthquake sequence 1-27068
 Cipollini, N.E. *see* Holroyd, R.A. 1-51905
 Cipriano, P.R. *see* Nassi, M. 1-53868
 Cirafeli, S., Franceschi, E. Stacking of close-packed AB₂ layers in RGA₂ compounds (R=heavy rare earth) 1-52108
 Cirafeli, S. *see* Palenzona, A. 1-53158
 Cirt, N. *see* Kleinclaus, J. 1-52785
 Circ, D. *see* Mosunov, A.S. 1-53036
 Circ, D. *see* Neskovic, N. 1-53038
 Cirillo, A.C., Jr., Ryan, L., Gerstein, B.C., Fripiat, J.J. Proton NMR in a hydrogen molybdenum bronze 1-7966
 Cirincione, R.J., Chernoff, P.R. Dirac and Klein-Gordon equations: convergence of solutions in the nonrelativistic limit 1-50303
 Cisowski, J., Pastuszka, J., Kloc, K. Influence of pressure on the electrical properties of Cd₃P₂ 1-38772
 Cisse, A.M. Developing countries and the NPT 1-770
 Ciszek, M., Golab, S., Kozlowski, G., Tekiel, P. Influence of surface layer and trapped flux on minimum AC losses in superconductors 1-52703
 Ciszek, T.F. *see* Kazmerski, L.L. 1-30405
 Ciszek, T.F. *see* Yang, K. 1-2357
 Ciszewski, A. *see* Biernat, T. 1-2835
 Ciszewski, A. *see* Kozlowski, G. 1-42630
 Cita, M.B. *see* Berggren, W.A. 1-17571
 Citeau, J., Noel, J. A diffusing path of Rhodamine analysed by digitized aerial photography [for study of sea pollution] 1-26861
 Citeau, J. *see* Domain, F. 1-27320
 Citerne, J. Comments on 'Modes in weakly guiding elliptical optical fibres' 1-15280
 Citrin, P.H., Eisenberger, P., Hewitt, R.C. Adsorption sites and bond lengths of iodine on Cu[111] and Cu[100] from surface extended X-ray-absorption fine structure 1-25564
 Cittolin, S. *see* Calvetti, M. 1-14778
 Ciuffo, G.M. *see* Jauregui, E. 1-53749
 Ciuffreda, K.J. Voluntary nystagmus: new findings and clinical implications 1-43871
 Ciuffreda, K.J. *see* Kenyon, R.V. 1-35767, 1-35769
 Ciuffreda, K.J. *see* Stark, L. 1-35771
 Ciura, A.I. *see* Ristici, M. 1-33726
 Ciurapinski, W., Gozdick, K., Szustakowski, M., Swietlicki, B. Wavelength properties of thin film light guide made of LiNbO₃ single crystal 1-15261
 Ciurea, M.L., Botila, T. Traps in polycrystalline CdTe thin films 1-20885
 Ciureanu, M. *see* Cornea, F. 1-1237
 Ciurzynska, W., Moron, J. The migration of nitrogen in Fe-Ti alloys at low temperatures 1-2692
 Civelekoglu, Y. *see* Harrach, D. 1-50693
 Civetta, L. *see* Barberi, F. 1-13425
 Civitatore, O., Plastino, A., Faessler, A. Skyrme-Hartree-Fock treatment of asymmetric nuclear matter 1-18589
 Cizek, A., Goworek, T., Raab, M. Positron annihilation in aromatics 1-16623
 Cizek, J., Clay, M.R., Paldus, J. Asymptotic behavior of the ground-state-energy expansion for H₂⁺ in terms of internuclear separation 1-1088
 Cizek, J. *see* Ladik, J. 1-1055
 Cizeron, G. *see* Tolba-Sallam, M. 1-39265
 Cizewski, J.A. *see* Flynn, E.R. 1-28367
 Cizewski, J.A. *see* Girshick, F. 1-28384
 Cizunias, A.R. *see* Savukins, A.J. 1-19880
 Claassen, D.A. *see* De Graaf, A.S. 1-48988
 Claassen, H.A., Repp, H. Density profiles and particle fluxes of heavy impurities in the limiter shadow region of a Tokamak 1-25044
 Claassen, R.S. *see* Butler, B.L. 1-21915
 Claassen, W.A.P., Bloem, J. Rate-determining reactions and surface species in CVD of silicon. II. The SiH₂Cl₂-H₂-N₂-HCl system 1-3632
 Claassen, W.A.P., Bloem, J. The nucleation of CVD silicon on SiO₂ and Si₃N₄ substrates. II. The SiH₂Cl₂-H₂-N₂ system 1-12665
 Claassen, W.A.P., Bloem, J. Rate-determining reactions and surface species in CVD of silicon. III. The SiH₂-H₂-N₂ system 1-53097
 Clack, C.D. *see* Crocker, D. 1-29296
 Clad, R., Bouton, J.M. Magnetic properties of TbBe₁₃ 1-30934
 Clad, R., Bouton, J.M., Herr, A. A wide concentration range induced moment system: (Tb_{1-x}La_x)Be₁₃ 1-25939
 Cladis, P.E. *see* Bouchet, F.R. 1-30291
 Cladis, P.E. *see* Daniels, W.B. 1-38272
 Claes, G. *see* De Meirman, J. 1-53770
 Claes, W. *see* Henrion, P.N. 1-10447
 Claessens, F. *see* De Vlieger, G. 1-24184
 Claesson, T. *see* Feldman, M.J. 1-7784
 Claesson, O., Lund, A. Calculation of EPR spectra of triplet-state molecules with hyperfine and nuclear quadrupole interactions 1-26013
 Claesson, O., Lund, A., Jorgensen, J.-P., Sagstuen, E. Electron spin resonance of irradiated crystals of 2-thiouracil: hyperfine coupling tensor for nuclei with I=1/2 1-43012
 Claes, C.L., Decker, G.J., Van Overstraeten, R.J. The 'inhibition effect' of a trichloroethane oxidation to suppress the stacking-fault nucleation in silicon 1-42400
 Claes, J.M., Leroy, O. How to choose a square root in calculating the reflection coefficient for a lossy liquid-lossless isotropic solid interface 1-29433
 Claes, W. *see* DeFrance, P. 1-29120, 1-29121
 Clagnaz, M. *see* Rusinek, H. 1-13317

- Clague, J.J., Armstrong, J.E., Mathews, W.H. Advance of the Late Wisconsin Cordilleran Ice Sheet in southern British Columbia since 22000 yr B.P. 1-17631
- Clair, D.W. *see* Clark, B.C. 1-13658
- Clair, J.J. Recording materials and transducers in optics 1-41616
- Clair Dinger, A. *St. see* St. Clair Dinger, A.
- Clairon, A., Dahmani, B., Rutman, J. Accurate absolute frequency measurements on stabilized CO₂ and He-Ne infrared lasers 1-36633
- Clairon, A., Van Lerberghe, A., Salomon, C., Ouhayoun, M., Borde, C.J. Towards a new absolute frequency reference grid in the 28 THz range 1-23190
- Clamann, H.P. *see* Stein, B.E. 1-53785
- Clancy, P.F. Some advantages of wide over narrow band signals in the search for extraterrestrial intelligence (SETI) 1-36202
- Clancy, P.F., Lierke, J.-G., Grossbach, R., Heide, W.M. Electrostatic and acoustic instrumentation for material science processing in space 1-36157
- Clancy, T. *see* Soderblom, L. 1-36209
- Clapp, N.E. *see* Rose, S.D. 1-28540
- Clapp, R.E. Nonlocal structures: Bilocal photon 1-18359
- Clarco, V. *see* Emerson, J.D. 1-8656
- Clardy, J. *see* Penner, S.S. 1-13071
- Clare, C. *see* D'Avanzo, D.C. 1-32957
- Clare, R. *see* Barber, D.P. 1-534, 1-28309
- Clare, R.B., Levinger, J.S. Inversion of triton moments 1-41099
- Claria, J.J. Photoelectric UVB and DDO photometry of NGC 5138 1-17814
- Clark, A.E. *see* Abundri, R. 1-12375
- Clark, A.F. *see* Fickett, F.R. 1-7775
- Clark, A.F. *see* Yoshida, M. 1-21989
- Clark, A.H., Lilford, P. Evaluation of a deconvolution approach to the analysis of NMR relaxation decay functions 1-19115
- Clark, A.H. *see* Grindle, S.P. 1-16695
- Clark, A.R., Johnson, K.J., Kerth, L.T., Loken, S.C., Markiewicz, T.W., Meyers, P.D., Smith, W.H., Strovink, M., Wenzel, W.A., Johnson, R.P., Moore, C., Mugge, M., Shafer, R.E., Gollin, G.D., Shoemaker, F.C., Surko, P. Measurement of the charm structure function and its role in scale noninvariance 1-10212
- Clark, A.R., Johnson, K.J., Kerth, L.T., Loken, S.C., Markiewicz, T.W., Meyers, P.D., Smith, W.H., Strovink, M., Wenzel, W.A., Johnson, R.P., Moore, C., Mugge, M., Shafer, R.E., Gollin, G.D., Shoemaker, F.C., Surko, P. Study of rare muon induced processes 1-10228
- Clark, A.R., Johnson, K.J., Kerth, L.T., Loken, S.C., Markiewicz, T.W., Meyers, P.D., Smith, W.H., Strovink, M., Wenzel, W.A., Johnson, R.P., Moore, C., Mugge, M., Shafer, R.E., Gollin, G.D., Shoemaker, F.C., Surko, P. Polarization of muoproduced J/ψ (3100) 1-28327
- Clark, A.R., Johnson, K.J., Kerth, L.T., Loken, S.C., Markiewicz, T.W., Meyers, P.D., Smith, W.H., Strovink, M., Wenzel, W.A., Johnson, R.P., Moore, C., Mugge, M., Shafer, R.E., Gollin, G.D., Shoemaker, F.C., Surko, P. Lower limit on neutral-heavy-muon mass 1-36869
- Clark, A.R. *see* Hussain, A.K.M.F. 1-51743
- Clark, A.V., Jr. Calculation of the surface bulge for a typical liquid surface acoustical holography system 1-51665
- Clark, B. *see* Okagaki, T. 1-17539
- Clark, B.A. *see* Henninger, R.J. 1-10471
- Clark, B.C., Clair, D.W. Collection and analysis of cometary dust during a rendezvous mission 1-13658
- Clark, B.C. *see* Arnold, L.G. 1-36917
- Clark, B.G. An efficient implementation of the algorithm 'CLEAN' 1-9380
- Clark, B.G. *see* Thompson, A.R. 1-49509
- Clark, B.G. The propagation of turbulence produced by a stenosis 1-4313
- Clark, C.R., III. *see* Wallis, G.B. 1-29758
- Clark, C.W., Taylor, K.T. The quadratic Zeeman effect in hydrogen Rydberg series 1-24080
- Clark, D.D., Schuster, S.M. Microcomputer manipulation and graphic display of molecular structures. I. Introduction 1-19205
- Clark, D.D., Schuster, S.M. Microcomputer manipulation and graphic display of molecular structures. II. File structure and maintenance 1-19206
- Clark, D.D., Schuster, S.M. Microcomputer manipulation and graphic display of molecular structures. III. Display 1-19207
- Clark, D.E. Chemical stability of glass and glass-ceramics 1-43562
- Clark, D.E., Lue Yen-Bower, E. Corrosion of glass surfaces 1-16930
- Clark, D.F. The next step in nuclear fusion: what is it, and how to do it 1-37015
- Clark, D.H., Tuohy, I.R., Becker, R.H. X-ray line emission from the supernova remnant G292.0+1.8 1-4959
- Clark, D.H. *see* Murdin, P. 1-4922
- Clark, D.K. *see* Gordon, H.R. 1-13581, 1-54144
- Clark, D.K. *see* Hovis, W.A. 1-54282
- Clark, D.T., Fok, Y.C.T., Roberts, G.G. Electron mean free paths in Langmuir-Blodgett multilayers 1-52674
- Clark, D.T., Guest, M.F., Scamellotti, A., Tarantelli, F. A CI investigation of the core ionized states derived from ¹A₁ and ³B₁ methylene 1-19035
- Clark, D.T., Scamellotti, A., Tarantelli, F. A non-empirical LCAO MO SCF investigation of the ground and core hole states of some sample AH₂ systems 1-19028
- Clark, E.A., Yeske, R., Birnbaum, H.K. The effect of hydrogen on the surface energy of nickel 1-25550
- Clark, E.C., Carlson, D.K. Development status and utility of the sulfuric acid chemical heat pump/chemical energy storage system 1-48891
- Clark, E.M., Sacks, R.D. Direct determination of selected metals in refractory powder micro samples with exploding thin film excitation 1-13062
- Clark, G. A high-sensitivity potential-drop technique for fatigue crack growth measurements 1-4039
- Clark, G., Carson, J., White, E., White, D. Bibliography of biomedical ultrasound from 1 January 1971 1-49894
- Clark, G., de Morton, M.E. Strength reduction in thin aluminum alloy sheets by laser irradiation 1-47111
- Clark, G., White, E., Carson, J. Bibliography of biomedical ultrasound 1-32815
- Clark, G.E. Design and performance of a lake-water-to-water solar boost heat pump system in a large residence in the midwest 1-35699
- Clark, G.F. X-ray and neutron topography observations of domains and dislocations 1-47089
- Clark, G.R. High-power DC converter systems for JET 1-34122
- Clark, G.W. *see* Schattenburg, M.L. 1-40547
- Clark, H.J., O'Neill, G.F. Economics of spent LWR fuel storage 1-18836
- Clark, J., Cunningham, A.J. Quenching of neon metastable atoms in pure neon afterglows 1-37136
- Clark, J.A. The reconstruction of the Laurentide Ice Sheet of North America from sea level data: method and preliminary results 1-13496
- Clark, J.A., Kit, L. Shear layer transition and the sharp-edged orifice 1-37889
- Clark, J.A. *see* Engels, J.D. 1-53563
- Clark, J.A. *see* Lee, L.H.Y. 1-37986
- Clark, J.A. *see* Ma, R.Y.P. 1-4376
- Clark, J.B., Richter, P.W. The determination of composition-temperature-pressure phase diagrams of binary alloy systems 1-35237
- Clark, J.B. *see* Jorgensen, J.D. 1-38362
- Clark, J.B. *see* Kingston, A.I. 1-8271
- Clark, J.B. *see* Richter, P.W. 1-32997
- Clark, J.C. *see* Hanson, C.L. 1-50144
- Clark, J.D. *see* Butcher, P.N. 1-7614
- Clark, J.F. Geomagnetic surveys at West Hawk Lake, Manitoba, Canada 1-32348
- Clark, J.H. *see* Hartford, A. 1-4105
- Clark, J.M., Coleman, R.V. Inelastic electron tunneling study of UV radiation damage in surface adsorbed nucleotides 1-4334
- Clark, J.R., Evans, H.T., Jr., Erd, R.C. Tachyhydrite, dimagnesium calcium chloride 12-hydrate 1-15856
- Clark, J.W., Panoff, R.M., Krottscheck, E. Ground-state properties of ³He (spin up) and D (spin up) within the method of correlated basis functions 1-2748
- Clark, J.W., Philippe, E., Peterson, R., Lande, A., Ellis, J.R. Automatic control of a series-parallel mechanical circulatory assist system in severe uni- or biventricular failure 1-32308
- Clark, K.C. *see* Young, E.R. 1-4675, 1-12468
- Clark, K.R. *see* Schwarz, E.J. 1-44100
- Clark, M.E. *see* Burnell, E.E. 1-32096
- Clark, M.G., Raynes, E.P., Smith, R.A., Tough, R.J.A. Measurement of the permittivity of nematic liquid crystals in magnetic and electric fields using extrapolation procedures 1-7078
- Clark, N.A. *see* Ackerson, B.J. 1-35582
- Clark, N.A. *see* Pindak, R. 1-20060
- Clark, P.A., Wilcox, W.R. Influence of gravity on thermocapillary convection in floating zone melting of silicon 1-3615
- Clark, P.D., Ophel, T.R., Eck, J.S., Zeller, A.F., Nurzynski, J., Weiss, D.C., Hebbard, D.F. Spin assignments from the ¹³⁸Ba(⁷Li, ⁶He)¹³⁹La and ¹⁴⁰Ce(⁷Li, ⁶He)¹⁴¹Pr reactions at 52 MeV 1-18555
- Clark, P.D., Ophel, T.R., Nurzynski, J., Atwood, C.H., Hebbard, D.F. Spin assignments from the ¹⁴²Nd(⁷Li, ⁶He)¹⁴³Pm and ¹⁴⁴Sm(⁷Li, ⁶He)¹⁴⁵Eu reactions at 52 MeV 1-41059
- Clark, P.D. *see* Eck, J.S. 1-36962
- Clark, P.E., Campbell, S.J. Some applications of Mossbauer spectroscopy to physical metallurgy 1-31075
- Clark, P.E. *see* Whittle, G.L. 1-7984, 1-7986
- Clark, R.A., Burr, R.L. A method for controlled stress corrosion cracking in nonsensitized Inconel 600 tubing 1-16960
- Clark, R.C. Communication networks, soap films and vectors 1-49914
- Clark, R.E.H., Sampson, D.H., Parks, A.D. Intermediate coupling collision strengths for Δ=0 transitions produced by electron impact on highly charged ions. III. Transitions within the 1s²2s2p and 1s²2p² configurations and between the 1s²2s² and 1s²2p² configurations in beryllium-like ions 1-49502
- Clark, R.E.H. *see* Sampson, D.H. 1-49500, 1-49501
- Clark, R.F., Clarke, R.H. Electron delocalization in the lowest triplet state of the covalently linked pyrochlorophyllide a dimer 1-45998
- Clark, R.J.H., Dines, T.J. The calculation of A-term resonance Raman excitation profiles. Application to polynuclear metal complexes 1-41385
- Clark, R.J.H. *see* Campbell, J.R. 1-19100
- Clark, R.K. *see* Hays, P.J. 1-45371
- Clark, R.N., McCord, T.B. The rings of Saturn: new near-infrared reflectance measurements and a 0.326-4.08 μm survey 1-22720
- Clark, R.P. *see* Caskey, D.L. 1-53592
- Clark, S.E., Tinti, D.S. Relationship of the inhomogeneous broadenings in the triplet state optical and ODMR spectra of NaNO₂/Ag⁺ 1-1265
- Clark, S.E., Tinti, D.S. The ¹³B-¹A₁ systems of the nitrite anion in a NaHCO₃ host crystal 1-30658
- Clark, T.A. *see* Robertson, D.S. 1-44085
- Clark, T.D. *see* Bajaj, K.K. 1-47487
- Clark, T.D. *see* Prance, R.J. 1-42914
- Clark, T.D. *see* Widom, A. 1-42915
- Clark, T.E., Menikoff, R., Sharp, D.H. Quantum mechanics on the half-line using path integrals 1-23052
- Clark, T.L. Annual anthropogenic pollutant emissions in the United States and southern Canada east of the Rocky Mountains 1-17329
- Clark, V.A., Tittmann, B.R., Spencer, T.W. Effect of volatiles on attenuation (Q⁻¹) and velocity in sedimentary rocks 1-22333
- Clark, V.A. *see* Tittmann, B.R. 1-22334
- Clark, W.G. *see* Bozler, H.M. 1-3237
- Clark, W.G. *see* Epstein, A.J. 1-30730
- Clark, W.G. *see* Skalny, J. 1-3262
- Clarke, A.M. *see* Stone, P.T. 1-35781
- Clarke, C., Wills, E.D. Effect of irradiation on lysosomal enzyme activation in cultured macrophages 1-4331
- Clarke, C.A. *see* Soltzberg, L.J. 1-47223
- Clarke, C.J.S. *see* Tipler, F.J. 1-18115
- Clarke, D. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Clarke, D. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Clarke, D. *see* O'Neill, L.H., Jr. 1-50443
- Clarke, D.B., Halliday, A.N. Strontium isotope geology of the South Mountain batholith, Nova Scotia 1-22279
- Clarke, D.R., Lange, F.F. Oxidation of Si₃N₄ alloys: relation to phase equilibria in the system Si₃N₄-SiO₂-MgO 1-26644
- Clarke, D. *see* Pepin, J.G. 1-30205
- Clarke, J. Advances in SQUID magnetometers 1-5344
- Clarke, J. *see* Koch, R.H. 1-30889
- Clarke, J. *see* Lemberger, T.R. 1-38891, 1-38892
- Clarke, J. *see* Sarkar, A.D. 1-12886
- Clarke, J.A. Designing lenses to exploit available aspheric technology 1-46519
- Clarke, J.F., Mackenzie, I. A microprocessor based system for characterisation of optical fibres 1-19446
- Clarke, J.H.R., Woodcock, L.V. Boundary problems in the calculation of light scattering intensities from liquids using computer simulation 1-48095
- Clarke, J.T., Moos, H.W., Atreya, S.K., Lane, A.L. Observations from Earth orbit and variability of the polar aurora on Jupiter 1-44473
- Clarke, J.T., Weaver, H.A., Feldman, P.D., Moos, H.W., Fastie, W.G., Opal, C.B. Spatial imaging of hydrogen Lyman α emission from Jupiter 1-13724
- Clarke, L.J. Structure of S adsorbed on Mo(001) by LEED analysis; effects on CO adsorption 1-38660
- Clarke, L.J., Morales De La Garza, L. Surface structure of unreconstructed W(001) from alternative LEED techniques 1-16160
- Clarke, N.M. *see* Fulmer, C.B. 1-50617
- Clarke, N.M. *see* Griffiths, R.J. 1-41122
- Clarke, R., Nagel, S.R., Hitterman, R.L., Mueller, M.H. Temperature dependence of the X-ray and neutron diffraction from a metallic glass 1-34241
- Clarke, R. *see* Francey, J.L.A. 1-13086
- Clarke, R. *see* Wada, N. 1-2413, 1-34420
- Clarke, R.H., Jagannathan, S.P., Leenstra, W.R. Optical-microwave double resonance spectroscopy of in vivo chlorophyll 1-35759

- Clarke, R.H., Mitra, P., Vinodgopal, K. Phosphorescence and zero-field ODMR of biquinoline 1-29007
- Clarke, R.H. *see* Clark, R.F. 1-45998
- Clarke, R.H. *see* Kanellopoulos, J.D. 1-54205
- Clarke, R.N. *see* Afsar, M.N. 1-36679
- Clarke, R.S., Jr., Scott, E.R.D. Tetraeneite—ordered FeNi, a new mineral in meteorites 1-17797
- Clarke, S.W. *see* Sheahan, N.F. 1-8981
- Clarke, T.C., Diaz, A.F., Street, G.B. Conducting polyacetylene with controlled doping levels and doping gradients 1-7598
- Clarke, T.C. *see* Balanson, R. 1-3689
- Clarke, T.C. *see* Street, G.B. 1-52556
- Clary, D.C. The significance of Fermi resonance for the collisions of triatomic molecules with atoms 1-1308
- Clary, D.C., Connor, J.N.L. The $O(^3P) + H_2(v \leq 2, j, m) \rightarrow OH(v' \leq 2, j', m) + H$ reaction—a vibrationally adiabatic distorted wave study using a LEPS and fitted ab initio potential energy surface 1-21719
- Class, W.H. *see* Aranson, A.J. 1-16690
- Clauber, R. *see* Kisker, E. 1-31314
- Claudet, G. *see* Augueres, J.L. 1-40791
- Claudet, G. *see* Aymar, R. 1-46909
- Claudet, G. *see* Seyfert, P. 1-52380
- Claudio, B. *see* Di Claudio, B.
- Claudio, B. *see* Di Claudio, B.
- Claudio, M., Georgi, H., Yildiz, A. Neutral $SU(2)$ and neutral currents 1-14317
- Claudson, M., Yildiz, A., Cox, P.H. Vacuum behavior in quantum chromodynamics. II 1-10130
- Claudy, P. *see* Bastide, J.P. 1-31459
- Claudy, P. *see* Bastide, J.-P. 1-21443
- Clauser, C.K., Rupp, B.A. Contrast reducing visibility meter 1-9056
- Clauser, C.R., McPherron, R.L. The relative importance of the interplanetary electric field and magnetospheric substorms on partial ring current development 1-40279
- Claus, E. The use of Medichrome-film in otoradiology 1-43956
- Claus, E. *see* De Smedt, E. 1-43958
- Claus, R.O. Boundary surface testing via differential interferometric measurements of interface waves 1-4031
- Clausen, E.C. The acid hydrolysis of agricultural materials to sugars 1-35670
- Clausen, H.B. *see* Hammer, C.U. 1-22305
- Clausen, J.V. *see* Andersen, J. 1-36336
- Clausen, K. *see* Lebech, B. 1-20983
- Clausing, R.E., Emerson, L.C., Heatherly, L. Studies of mechanisms of hydrogen recycle using a plasma-wall interaction experiment 1-24994
- Clausing, R.E., Emerson, L.C., Heatherly, L. Arcing studies in ISX-B 1-25085
- Clausing, R.E. *see* Weinhold, P. 1-24993
- Clauss, A., Heulin, B. Structure and mechanical properties of Nb-4.6 Ti-N quenched alloys 1-48458
- Claussen, C.-P., Louton, M., Hamel-Hans, D. Preparation method for SEM and X-ray projection microscopy of mouse embryos 1-27046
- Claussen, M.J. *see* Fix, J.D. 1-9568
- Claussen, M.L. *see* Fix, J.D. 1-22820
- Claussen, N., Petzow, G. Strengthening and toughening models in ceramics based on ZrO_2 inclusions 1-16797
- Clavelli, L. *see* Chandramohan, T. 1-573
- Claverie, A., Isaak, G.R., McLeod, C.P., van der Raay, H.B., Roca Cortes, T. Structure in the 5 minute oscillations of integral sunlight 1-32678
- Claverie, J. *see* Campet, G. 1-3015
- Claverie, P., Pesquera, L., Soto, F. Existence of a constant stationary solution for the hydrogen atom problem in stochastic electrodynamics 1-23043
- Claverie, P. *see* Langlet, J. 1-1116
- Claverie, P. *see* Marshall, T.W. 1-23112
- Clavijo, J.M.F. Description of Three Mile Island-2 nuclear power plant 1-28614
- Clawson, C.W. *see* Kiehl, R.F. 1-37369
- Claxton, T.A. On the use of localised molecular orbitals in some triatomic radicals 1-19013
- Clay, C.S. *see* Franks, J. 1-16688
- Clay, M.W. *see* Cizek, J. 1-1088
- Clay, R.W., Thornton, G.J. Zenith angle dependence of cosmic ray shower development from observations of the time structure of atmospheric Cerenkov pulses 1-44398
- Clay, R.W. *see* Crouch, P.C. 1-45783
- Clay, R.W. *see* Kublmann, J.D. 1-27352
- Clay, W.C. *see* McGee, M.G. 1-35917
- Clayman, B.P. *see* Johnston, S.F. 1-5362
- Clayton, C.R. *see* Bhat, H. 1-11997
- Clayton, C.R. *see* Dorfman, M. 1-21646
- Clayton, C.R. *see* Herman, H. 1-21587
- Clayton, C.R. *see* Hu, W.W. 1-3913, 1-16871, 1-21594
- Clayton, E.D. *see* Libby, R. 1-50791
- Clayton, E.D. *see* Lloyd, R.C. 1-10462
- Clayton, E.F. *see* Deden, F. 1-28311
- Clayton, E.F. *see* Fritze, P. 1-14431
- Clayton, G.C., Marlborough, J.M. Circular and linear polarization in A-type shell stars 1-49641
- Clayton, T.N., Greene, D.A., Malovrh, J. Measurement of acoustic background noise on the EBR-II steam generators 1-50715
- Cleaveland, A., Jirusthipong, P., Cotman, R.N., Pack, S.P. Synthesis of sodium dizirconium triphosphate from α -zirconium phosphate 1-31374
- Cleary, J.R. *see* Anderssen, R.S. 1-13406
- Cleary, J.R. *see* Chang, A.C. 1-40103
- Cleary, J.P. *see* Viswanath, P.R. 1-46754
- Cleary, T.P. *see* Preadom, B.M. 1-45540
- Cleave, J.P. The form of the tangent-developable at points of zero torsion on space curves 1-27835
- Cleaver, J.R.A. The choice of polepiece shape and lens operating mode for magnetic objective lenses with saturated polepieces 1-1476
- Cleaver, J.R.A. *see* Smith, D.J. 1-15800
- Cleaver, K.D., Davies, J.E.D. Solid state vibrational spectroscopy. VIII. A thermochemical and vibrational spectroscopic study of the solid state thermal decompositions of alkali metal peroxydisulphates 1-35028
- Cleaver, K.D., Davies, J.E.D. Solid state vibrational spectroscopy. IX. A kinetic study, using Raman spectroscopy of the solid state thermal decompositions of alkali metal peroxydisulphates 1-35029
- Cleaver, K.D., Davies, J.E.D. Solid state vibrational spectroscopy. X. A kinetic study, using Raman spectroscopy, of the solid state thermal decompositions of sodium and potassium dithionate 1-35030
- Cledgett, P.R. *see* White, D.N. 1-35844
- Cleemann, L. *see* Zobel, V. 1-10293
- Clegg, A.B. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Clegg, D.W., Collyer, A.A., Griffin, N.C. Extrusion and injection moulding properties of glass-filled polystyrene 1-48408
- Clegg, G.A., Fitton, J.E., Harrison, P.M., Treffy, A. Ferritin: molecular structure and iron-storage mechanisms 1-39883
- Clegg, G.A., Stansfield, R.F.D., Bourne, P.E., Harrison, P.M. Helix packing and subunit conformation in horse spleen apoferritin 1-21981
- Clegg, J.B. Quantitative measurement of impurities in GaAs layers by secondary ion mass spectrometry 1-20254
- Clegg, R.E.S., Alwyn Wootton, H. Circumstellar chlorine chemistry and a search for AlCl 1-22770
- Clegg, T.B. *see* Tonsfeldt, S.A. 1-28457
- Clegg, T.B. *see* Wender, S.A. 1-980
- Clegg, W. Faster data collection without loss of precision. An extension of the learnt profile method 1-34188
- Cleja, V. *see* Dumitrescu, H. 1-24772
- Cleland, J.W. *see* Wood, R.F. 1-2469
- Cleland, W.E., Delfosse, A., Dorsaz, P.-A., Extermann, P., Glor, J.-L., Kienzie-Focacci, M.N., Mancarella, G., Martin, A., Martin, M., Muhlemann, P., Nef, C., Pal, T., Rutschmann, J., Vriens, A., Zeidler, H. Observation of a spin-4K⁺ in the reaction $K^{2+} \rightarrow K_2^{+} + p$ at 50 GeV/c 1-23522
- Cleland, W.E., Delfosse, A., Dorsaz, P.A., Kienzie-Focacci, M.N., Mancarella, G., Martin, M., Muhlemann, P., Nef, C., Pal, T., Rutschmann, J., Gloor, J.L., Zeidler, H., Martin, A.D. New results on $K\pi$, $K\bar{K}$ and $\bar{\Lambda}\pi$ mesonic states 1-45360
- Clem, J.R. *see* Li, P.S. 1-52727
- Clemens, G. *see* Busching, D. 1-34091
- Clemens, H.J. *see* Monch, W. 1-38838
- Clement, A. Euler simulation of textures. Application to the texture of a rolled c.f.c. metal deformed by gliding (110) (111) 1-48359
- Clement, B., Lapiere, H. Volcanic flows in Upper Palaeozoic internal zones (continental Greece)—sedimentary environments and petrographic characteristics 1-49245
- Clement, C.F. *see* Birse, M.C. 1-28421
- Clement, C.M., Sawyer Hogg, H., Wells, T.R. Variable stars in the globular cluster NGC 6284 1-36344
- Clement, D. *see* Abele, J. 1-49321
- Clement, G. Does the Fizeau experiment really test special relativity? 1-27704
- Clement, H. *see* Shone, K. 1-27245
- Clement, J. *see* De Wilde, R.J. 1-18019
- Clement, J. *see* Nagels, J. 1-26929
- Clement, J.M. *see* Hofsteezer, J.H. 1-41142
- Clement, N., Monchoux, F., Martin, J.L. Estimation of friction forces in a concentrated face centred cubic Ni-Cr alloy 1-30233
- Clement, R.M. *see* Chowdhury, S.S. 1-2236
- Clement, S. *see* Bourdel, D. 1-42996
- Clement, S.L. *see* Bergman, G.P.M. 1-17484
- Clementi, E. Quantum mechanical calculations of molecular properties and Mulliken's influence in their developments 1-14791
- Clementi, E. Analytical potentials from ab initio computations for the interaction between biomolecules. VII. Polar amino acids and conclusions 1-43848
- Clementi, E., Kistenmacher, H., Kolos, W., Romano, S. Non-additivity in water-in-water interactions 1-14978
- Clementi, E. *see* Ortoleva, E. 1-1097
- Clements, D.L. *see* Mazumdar, J. 1-24733
- Clements, L.D. *see* O'Leary, M.J. 1-13131
- Clements, L.D. *see* Davis *see* Davis Clements, L.
- Clemo, T.M. *see* Cannon, J.W. 1-50869
- Clemow, A.J.T., Daniell, B.L. The influence of microstructure on the adhesive wear resistance of a Co-Cr-Mo alloy 1-12889
- Clemson, P.D. *see* Marshall, W. 1-45669
- Cledenin, J.E. *see* Baum, C. 1-28323
- Cledenin, W.R. *see* Wong, H.H. 1-45681
- Clenny, J.T., Rosa, C.J. Oxidation kinetics of niobium in the temperature range of 873 to 1083K 1-8475
- Clenny, J.T., Rosa, C.J. Nitridation kinetics of niobium in the temperature range of 873 to 1273K 1-12930
- Clerc, H.G. *see* Munzenberg, G. 1-50695
- Clerc, H.-G. *see* Betts, R.R. 1-36958
- Clerc, H.-G. *see* Lang, W. 1-726
- Clerc, H.-G. *see* Sahm, C.-C. 1-10397
- Clerc, H.-G. *see* Schmidt, K.-H. 1-50688
- Clerc, J.P., Giraud, G., Alexander, S., Guyon, E. Conductivity of a mixture of conducting and insulating grains: Dimensionality effects 1-12160
- Clerc, M. *see* Cahen-de Villardi, J. 1-51212
- Clercq, C. *see* de Clercq, C.
- Clercq, C. *see* De Clercq, C.
- Clerici, G. Accumulators in hospital electrical installations 1-35640
- Clerico, M. *see* McClintock, F.A. 1-11350
- Clerq, E. *see* de Clerq, E.
- Clerq, E. *see* De Clerq, E.
- Cleveland, C.L., Brown, C.S., Landman, U. Substrate effects on long-range order and scattering from low-dimensional systems 1-7498
- Cleveland, C.L., Gersch, H.A. Second mobility edge for excess electrons in dense helium gas 1-24921
- Cleveland, C.L. *see* Landman, U. 1-30586
- Cleveland, D., Barron, A.R., Mucciardi, A.N. Methods for determining the depth of near-surface defects 1-48593
- Clever, H.L., Johnston, F.J. The solubility of some sparingly soluble lead salts: an evaluation of the solubility in water and aqueous electrolyte solution 1-9780
- Clever, R.M., Busse, F.H. Low-Prandtl-number convection in a layer heated from below 1-46738
- Clever, R.M. *see* Busse, F.H. 1-46739
- Clever, R.M. *see* Frick, H. 1-24816
- Cleymans, J., Kuroda, M. Acollinearity distribution in lepton-hadron scattering 1-23505
- Cliff, D.I., Davies, P.B., Handby, B.J., Thrush, B.A., Murray Lloyd, E.K. Far-infrared laser magnetic resonance spectrum of SeD ($X^2\Pi_{3/2}$) 1-6247
- Cliff, R.A., Cohen, A. Uranium-lead isotope systematics in a regionally metamorphosed tonalite from the Eastern Alps 1-13421
- Cliffe, K.A. *see* Winters, K.H. 1-42103
- Clifford, A.A., Mason, R.S., Waddicor, J.I. Gas-solid chromatography of reactive species and their reversible adsorption on solids 1-31926
- Clifford, A.A., Platts, N. Transport properties in dilute gases: an approach using time-correlation functions. I. Viscosity and thermal conductivity of gases and gas mixtures in which the exchange of molecular internal energy is slow 1-11485
- Clifford, A.A., Platts, N. Transport properties in dilute gases: an approach using time-correlation functions. II. Viscosity and thermal conductivity of gases and gas mixtures in which the exchange of molecular internal energy is significant 1-11486
- Clifford, A.W. *see* Arrowsmith, D.J. 1-21642
- Clifford, J.S., Laughton, M.A., McRoberts, T.S., Slee, P.V., Van der Voort, E. Polynuclear polyaromatic hydrocarbon systems analysis using generic linear programming models 1-35617
- Clifford, S.F., Hill, R.J. Relation between irradiance and log-amplitude variance for optical scintillation described by the K-distribution 1-37413
- Clifford, S.F., Wandzura, S. Monostatic heterodyne lidar performance: the effect of the turbulent atmosphere 1-44292
- Clifford, S.F. *see* Hill, R.J. 1-17689
- Cliff, R.W. *see* Altkofer, O.C. 1-45773
- Cliff, R.W. *see* Aubert, J.J. 1-5630
- Clifton, K.S., Holl, C.K. Low-light-level television measurements of lightning 1-44233
- Clifton, M., Leacock, A. Variable phase method for the calculation of the scattering phase shift: the bound-state region 1-36524
- Clifton, M., Sanchez, V. Holographic interferometry applied to the measurement of boundary layers in electroanalysis and ultrafiltration 1-8615
- C.Lin Chun *see* Chun C.Lin
- Cline, C.F. *see* Holt, J.B. 1-12738, 1-12814
- Cline, D. *see* Heagy, S.M. 1-50433
- Cline, D.D. *see* Bertin, J.J. 1-29649
- Cline, H.E. The shape of growing crystals 1-11706
- Cline, M.W. *see* Snay, R.A. 1-22262

- Cline, R.W., Greytak, T.J., Kleppner, D., Smith, D.A. Production and magnetic confinement of spin polarized hydrogen 1-1084
- Cline, R.W., Maris, H.J. Observation of a new type of energy-selective phonon detector 1-15977
- Cline, R.W., Maris, H.J. Velocity of roton second sound 1-16126
- Cline, R.W., Smith, D.A., Greytak, T.J., Kleppner, D. Magnetic confinement of spin-polarized atomic hydrogen 1-29147
- Clippe, P. see Ausloos, M. 1-16420
- Clodius, W. see Woo, S.B. 1-37281
- Clodius, W.B., Stehman, R.M., Woo, S.B. Zero core-contribution calculation of the photodetachment of heteronuclear diatomic molecules 1-37282
- Cloetingh, S., Nolet, G., Wortel, R. Crustal structure of the eastern Mediterranean inferred from Rayleigh wave dispersion 1-32396
- Close, F.E. The first lap in QCD 1-14355
- Close, F.E., Horgan, R.R. QCD perturbation theory for confined quarks and gluons. II. Wavefunction mixing and neutron charge radius 1-30402
- Close, F.E., Monaghan, S. New approach to interactions in the MIT bag 1-50403
- Close, F.E., Roberts, R.G. On the role of diquarks in deep inelastic structure functions 1-23502
- Close, F.E., Rubinstein, H.R. Short and long distance effects in weak radiative decays 1-563
- Closier, M.J. Automatic product analysis using X-rays 1-48625
- Clothier, W.K., Sloggett, G.J., Bairnsfather, H. Precise reflection interferometry system for an absolute standard of voltage 1-33005
- Cloud, G. Measurement of strain fields near cold-worked holes using high-resolution grating photography, optical data processing and digital data reduction 1-26711
- Cloud, G.L. Simple optical processing of moiré-grating photographs 1-33626
- Cloud, P. Beyond plate tectonics 1-27049
- Crough, A.S. see Batty, C.J. 1-51322
- Crough, B.J., Wright, J.V., Walker, G.P.L. An unusual bed of giant pumice in Mexico 1-35966
- Crough, S. A kinetic theory of the temperature dependence of methyl tunnelling spectra 1-47025
- Crough, S., Heidemann, A., Paley, M. The temperature dependence of methyl tunnelling motion in three acetates 1-47024
- Crough, S., Heidemann, A., Paley, M.N.J., Suck, J.-B. Methyl tunnelling and torsion in acetates: the shape of hindering potentials 1-34257
- Crough, S., Horsewill, A.J., Paley, M.N.J. Diffusion of methyl-group tunnelling energy 1-34958
- Crough, S.P., Pinchback, T.R. Surface film composition and electrochemical properties of Mo bearing Ni-Cr-Fe and Fe-Ni-Cr alloys 1-43612
- Crougherty, L.E., Kohler, V.A. Retrieve hidden spectra by UV/vis spectrophotometer 1-36717
- Crothers, D.J., Knight, A.R., Steer, R.P., Judge, R.H., Moule, D.C. The $\tilde{B}(^1A')-\tilde{X}(^1A')$ spectrum of CFCF 1-14864
- Crothers, R.J. Florence Kelley and the radium dial painters 1-17981
- Cloutman, L.D. Numerical simulation of the solar granulation 1-40458
- Crowes, R.G., Emerson, D., Smith, M.G., Wallace, P.T., Cannon, R.D., Savage, A., Boksenberg, A. The use of objective prism plates from the UK Schmidt Telescope for low resolution spectrophotometry of quasars 1-9714
- Crowes, R.M. see Chung, H.P.Y. 1-54027
- Crowes, R.M. see Levy, S. 1-54261
- Cube, S.V.M. The material vacuum 1-13892
- Cube, S.V.M. Cosmology with a material vacuum 1-17918
- Cube, S.V.M. see Jones, D.H.P. 1-17817
- Cluff, C.L. see Jensen, R.J. 1-29057
- Cluff, G.L. Limitations of ear protection for hearing conservation programs 1-32264
- Cluff, L.S., Patwardhan, A.S., Coppersmith, K.J. Estimating the probability of occurrences of surface faulting earthquakes on the Wasatch fault zone, Utah 1-49211
- Cluff, L.S. see Sean, F.H. III 1-49210
- Cuis, D.A. see Couillard, D. 1-39850
- Culey, A.P., Cowley, J.P. An aircraft-mounted pycnometer 1-22531
- Clumpner, J.A. see Dantzig, J.A. 1-12993
- Cluskey see Armstrong 1-10254
- Clutterbuck, F.W.J. see Preston, R.C. 1-322
- Clyde, W.A., Jr. see Strobe, G.L. 1-26922
- Clyens, S. see Williams, D.J. 1-3663
- Clyne, H.M. Project A: solar energy applications to dwellings. A technical and economic study of the potential use of solar energy for the provision of space heating and hot water for dwellings, using stochastic modelling techniques 1-17186
- Clyne, M.A.A., Heaven, M.C. Laser-induced fluorescence of the BO and BO₂ free radicals 1-10772
- Clyne, M.A.A., Heaven, M.C., Davis, S.J. Laser-excitation studies of Br₂. Collisional energy transfer involving resolved quantum states of excited Br₂⁺ I(O₂) 1-24232
- Clyne, M.A.A., Heaven, M.C., Martinez, E. Quantum-selected photochemistry and energy transfer kinetics in small molecules 1-28901
- Clyne, M.A.A., Martinez, E. Laser-induced fluorescence studies: the B-X transition of Cl₂. V. Radiative lifetime of the B state 1-46013
- Clyne, M.A.A. see Piper, L.G. 1-1340
- Clyne, T.W. Heat flow in controlled directional solidification of metals. I. Experimental investigation 1-3715
- Clyne, T.W. Heat flow in controlled directional solidification of metals. II. Mathematical model 1-3716
- Cnare, E.C. see Freeman, J.R. 1-33017
- Cnops, A.M. see Diakonou, M. 1-10256
- Cnops, A.M. see Kourkoulis, C. 1-5665, 1-50474
- Coad, J.P. see Cairns, J.A. 1-28594
- Coadou, B. see Adam, M. 1-23909
- Cockley, R.W., Hunt, J.L., Stevens, J.R. Rayleigh-Brillouin light scattering from atactic polystyrene at high pressure 1-12513
- Coard, M.A. see Simola, H.L.K. 1-54151
- Coates, J.H., Aubert, J., Guais, J.-C., Lonchamp, G., Mathieu, M. Chemical exchange: commercial scale in ten years? [uranium enrichment] 1-14688
- Coates, P.D., Ward, I.M. Neck profiles in drawn linear polyethylene 1-26548
- Coates, R.J. see Robertson, D.S. 1-44085
- Cobb, D.D., Phillips, J.R. Nondestructive measurements on spent fuel for the nuclear fuel cycle 1-14632
- Cobb, D.D. see Amundson, P.I. 1-50795
- Cobb, D.D. see Phillips, J.R. 1-18845
- Cobb, J.H. see Alkhalaf, O.C. 1-45773
- Cobb, J.H. see Aubert, J.J. 1-5630
- Cobb, J.H. see Diakonou, M. 1-10256
- Cobbie, J.A. see Bighel, L. 1-46905
- Cobbold, R.S.C. see Arenson, J.S. 1-44036
- Cobic, B. see Matic, M. 1-6349
- Cobler, R., Dymond, J. Sediment trap experiment on the Galapagos spreading center, equatorial Pacific 1-27152
- Coburn, W.G., Djukic-Husar, J., Husar, R.B. Monitoring of sulfuric acid episodes in St. Louis, Missouri 1-13201
- Coburn, J.W., Kay, E. Metal-containing polymer films formed by simultaneous etching and polymerization 1-48685
- Coburn, J.W. see Chen, M. 1-2234
- Coburn, J.W. see Gerlach-Meyer, U. 1-48736
- Cocconi, G. see Diddens, A.N. 1-14747, 1-23998
- Cocconi, G. see Jonker, M. 1-10194, 1-45258
- Cocconi, V.T. see Allen, P. 1-36856
- Cocconi, V.T. see Grassler, H. 1-50414
- Cochavi, S. see Nichols, A.B. 1-9013
- Cochet, C. see Ajinenko, I.V. 1-5667
- Cochet, C. see Arestov, Yu. 1-5668
- Cochet, C. see Arestov, Yu.I. 1-36892
- Cochet, C. see Calveti, M. 1-14778
- Cochet, C. see Denegri, D. 1-28356
- Cochet, C. see Gensch, U. 1-595
- Cochran, A.L., McCall, M.L. Spectrophotometric observations of Comet Bowell (1980b) 1-49577
- Cochran, D.R.F. see Nemethy, P. 1-45183
- Cochran, J.F., Heinrich, B. Microwave transmission through ferromagnetic metals 1-7952
- Cochran, J.K. The flux of ²²⁶Ra from deep-sea sediments 1-4489
- Cochran, J.K., Krishnaswami, S. Radium, thorium, uranium, and ²¹⁰Pb in deep-sea sediments and sediment pore waters from the North Equatorial Pacific 1-44163
- Cochran, S.T. see Callisen, H.H. 1-9026
- Cochran, W.T., Gaines, J.R., McCall, R.P., Sokol, P.E., Patton, B.R. Study of the quadrupole-glass region in solid D₂ by proton magnetic resonance 1-16139
- Cochrane, R.C., Morrison, W.B. The effect of Cu and Cr on V₆C₃ precipitation in C-Mn steels 1-21469
- Cochrane, R.W. see Gaunt, P. 1-34893
- Cochran, B. see Taylor, R. 1-5386
- Cockayne, B., Brown, G.T., MacEwan, W.R. Dislocation clusters in Czochralski-grown single crystal indium phosphide 1-53080
- Cockayne, B., MacEwan, W.R., Brown, G.T. Impurities in single crystal indium phosphide 1-20250
- Cockayne, B. see Brown, G.T. 1-7173, 1-35167
- Cockayne, B. see Hayes, W. 1-26079, 1-34937
- Cockayne, B. see Robbins, D.J. 1-39161
- Cockayne, D.J.H., Hons, A., Spence, J.C.H. Gliding dissociated dislocations in hexagonal CdS 1-38374
- Cocke, C.L. see Gray, T.J. 1-1359
- Cocke, W.J. Computer simulation comparisons of speckle image reconstruction techniques 1-51387
- Cockerill, D., Fabjan, C.W., Frandsen, P., Hallgren, A., Heck, B., Hilde, H.J., Hogue, R., Kilian, T., Kreisler, M., Lindsay, J., Ludlam, T., Lissauer, D., Molzon, W., Nielsen, B.S., Oren, Y., Qeru, P., Rosset, L., Rosso, E., Rudge, A., Scire, M., Wang, D.W., Wang, C.J., Willis, W.J., Botner, O., Bogdild, H., Dahl-Jensen, E., Dahl-Jensen, I., Dam, P., Damgaard, G., Hansen, K.H., Hooper, J., Moller, R., Nielsen, S.O., Schistad, B., Akesson, T., Almehed, S., Von Dardel, G., Jarlskog, G., Lorstad, B., Melin, A., Mjornmark, U., Nilsson, A., Albrow, M.G., McCubbin, N.A., Evans, W.M. Operation of a drift chamber vertex detector at the ISR 1-14742
- Cockfield, R.D., Hartman, R.F., Kelly, C.E. RTG power sources for the International Solar Polar Mission 1-48886
- Cockrum, R.H. see Bakowski, M. 1-38858
- Cocks, F.H. see Dimmey, L.J. 1-48182
- Cocks, F.H. see Locher, J.W. 1-7337
- Cocks, F.H. see Wong, D. 1-39517, 1-43576
- Cocks, F.H. see Zalph, B.L. 1-38778
- Cocks, G.J., Legge, R.A., Miller, D.R. Ledge mechanism of growth of colonies of discontinuous precipitate in austenite 1-16785
- Cockshott, R. see Siegmund, O.H.W. 1-9377
- Cocolin, G. see Reif, T.H. 1-49163
- Cocos, A.-A. Electrical power plants cooling optimization for reducing specific consumptions per utility. Condenser pipes passivation procedure by adding FeSO₄ 1-16961
- Codaccioni, J.P. Synchronous and asynchronous formulations of special-relativistic kinetic theory 1-40651
- Codden, G. see Wagemans, C. 1-36970
- Coddet, C. see Beranger, G. 1-53343
- Code, A.D. Future developments in classification 1-54398
- Code, A.D., Holm, A.V., Bottemiller, R.L. Ultraviolet photometry from the Orbiting Astronomical Observatory. XXXIV. Filter photometry of 531 stars of diverse types 1-40468
- Code, A.D. see De Boer, K.S. 1-49741
- Codino, A. see Bologna, G. 1-28817
- Codispoti, L.A. see Hasong Pak 1-54092
- Codispoti, L.A. see Smith, S.L. 1-27213
- Codling, K., Parr, A.C., Ederer, D.L., Stockbauer, R., West, J.B., Cole, B.E., Dehmer, J.L. The effects of autoionisation on vibrational branching ratios and photoelectron angular distributions in molecular photoionisation: the formation of the ground state of O₂⁺ between 574 and 600 Å 1-46018
- Codling, K., West, J.B., Parr, A.C., Dehmer, J.L., Stockbauer, R.L. Measurement of β values and branching ratios in the region of the 3s3p⁴p¹P¹ resonance in Ar and the 5s5p⁶p¹P¹ resonance in Xe 1-24087
- Codling, K. see Holland, D.M.P. 1-24089, 1-46037
- Codling, K. see Parr, A.C. 1-33519
- Cody, C.A., Dicarolo, L., Darlington, R.K. Differential scanning calorimetric and Raman spectroscopic study of polymorphism in Na₂SO₄ 1-52279
- Cody, G.D., Wronski, C.R., Abeles, B., Stephens, R.B., Brooks, B. Optical characterization of amorphous silicon hydride films 1-31216
- Cody, G.D. see Abeles, B. 1-30779
- Cody, G.D. see Wronski, C.R. 1-32027
- Coe, D., Robben, F., Talbot, L. Interferometric measurements of linewidths and spin doubling in the N₂⁺ first negative band system in free-jet expansions 1-14963
- Coe, D.S., Steinfeld, J.I. Fluorescence excitation and emission spectra of polycyclic aromatic hydrocarbons at flame temperatures 1-29013
- Coe, M.J. Cygnus X-3 1-17913
- Coe, M.J., Crane, P.C. A long-term radio study of Hercules X-1 1-13813
- Coe, M.J., Engel, A.R., Evans, A.J., Quenby, J.J. Ariel 5 hard X-ray studies of the galactic center region 1-49852
- Coe, M.J., Wickramasinghe, D.T. UV observations of X-ray sources 2A 0311-227 and 2A 0526-328 1-54558
- Coelho, H.T., Glockle, W., Delfino, A. Simple connection between Faddeev's and the K-harmonic approaches 1-5716
- Coelho, J.L.B. see Davies, P.O.A.L. 1-24546, 1-24622
- Coelho, M.A.S. see Vilela Pinto, L.M. 1-4256
- Coelho, P.R.P., Holland, L., Scambatti, A., Jr. A modification to the ion source pulsing system of a PN-400 Van de Graaff accelerator 1-37027
- Coelho, R., Goffaux, R. Dissipation and thermal breakdown in non-metallic solids submitted to an intense electric field 1-48005
- Coen, S. The inverse problem of the shear modulus profile of a layered Earth 1-22285
- Coen, V., Kolbe, H., Orecchia, L. Compatibility of candidate sacrificial materials with sodium at 773K 1-5889
- Coen-Perislini, F. see Gesmundo, F. 1-12919
- Coeuret, F. see Storck, A. 1-19795
- Coe, J.M.D. see Holtzberg, F. 1-47657
- Coe, J.M.D. see Tarazon, J.M. 1-47861

- Coffey, T.P. see Heimerl, J.M. 1-39640
- Coffey, C.W., II, Beach, J.L., Thompson, D.J., Mendiondo, M. X-ray beam characteristics of the Varian Clinac 6-100 linear accelerator 1-26990
- Coffey, J.M. see Whittle, M.J. 1-48595
- Coffey, W.T. Rotational and translational Brownian motion 1-29
- Coffey, W.T. On the application of the theory of the brownian movement in a periodic potential to the study of inertial effects and dipole coupling 1-12452
- Coffield, R.D., Markley, R.A., Khan, E.U. Natural convection analyses and verification for LMFBFR cores 1-23729
- Coffield, R.D., Jr., Killimayer, J.S., Miller, J.V., Markley, R.A. Transient design considerations for LMFBFR control assembly rods 1-50888
- Coffin, C.T. see Ammosov, V.V. 1-40980
- Coffin, C.T. see Berge, J.P. 1-540
- Coffin, C.T. see Efremenko, V.I. 1-33173
- Coffin, J.P. see Heusch, B. 1-45558
- Cogan, A.I., Silverman, G. Fluctuations of visibility during dichoptic viewing: preliminary report 1-17397
- Cogan, B.C. The structure of the Cepheid instability strip 1-9505
- Cogan, B.C., Cox, A.N., King, D.S. Full amplitude models of 15 Cyg Cepheids 1-40504
- Cogan, S.F., Rose, R.M. Properties of CuSn bronze at 4.2K. [Mechanical and electrical properties of bronze matrix for superconducting composites] 1-8368
- Cogan, S.F. see Klein, J.D. 1-47834, 1-47835
- Coggiola, M.J., Hodges, R.V. Collisional detachment of He⁺ (P) by various gases from 500 to 4000 eV 1-41475
- Coggiola, M.J. see Gaily, T.D. 1-986
- Coggiola, M.J. see Hodges, R.V. 1-24091
- Coggie, J.E. Absence of late radiation effects on bone marrow stem cells 1-32202
- Coghe, A. see Benecchi, S. 1-42113
- Coghe, A. see Briochi, C. 1-40759
- Coghlan, B.A., Taylor, M.G., Gosling, R.G. High-speed time-domain spectrum analyser 1-43929
- Cogley, A.C., Pandey, D.K., Bergstrom, R.W. A fast, exact code for scattered thermal radiation compared with a two-stream approximation 1-4762
- Cognet, G. see Bouabdallah, A. 1-42024
- Cognola, G. Lorentz invariance of gravitational Lagrangians in the space of reference frames 1-5198
- Cogoli, A., Tschopp, A. White blood cells in space—an experiment for the first Spacelab mission 1-32265
- Cogswell, F.N., Player, J.M., Young, R.C. Influence of acrylic processing aids on the extensibility of PVC melts 1-34390
- Cok, D.B. CO₂ laser excited by preionized transverse discharge through a dielectric 1-33650
- Cohan, N.V. see Lois, A.M. 1-30422
- Cohan, A. see Cliff, R.A. 1-13421
- Cohen, B.I., Auerbach, S.P., Byers, J.A., Weitzner, H. Some conservation properties of linearized particle codes 1-29835
- Cohen, B.I. see Aamodi, R.E. 1-38092
- Cohen, B.L. The cancer risk from low-level radiation 1-17457
- Cohen, B.L. Health effects of radon from insulation of buildings 1-43904
- Cohen, B.L. see Congedo, T.V. 1-713
- Cohen, B.S., Eisenbud, M., Harley, N.H. Alpha radioactivity in cigarette smoke 1-673
- Cohen, B.S., Eisenbud, M., Harley, N.H. Measurement of the α -radioactivity on the mucosal surface of the human bronchial tree 1-17473
- Cohen, C. see Bentini, G.G. 1-35125
- Cohen, C. see Phillips, G.N., Jr. 1-8800
- Cohen, C. see Weisel, J.W. 1-39881
- Cohen, C.R. Plate tectonic model for the Oligo-Miocene evolution of the western Mediterranean 1-17576
- Cohen, D., Ayres, D.S., Diebold, R., Kramer, S.L., Pawlicki, A.J., Wicklund, A.B. Amplitude analysis of the K⁺K⁺ system produced in the reactions $\pi^-p \rightarrow K^-K^+n$ and $\pi^-n \rightarrow K^-K^+p$ at 6 GeV/c 1-33200
- Cohen, D. see Golja, B. 1-52168
- Cohen, D. see Pierson, E.S. 1-53632
- Cohen, D. see Wicklund, A.B. 1-5644
- Cohen, D.D. A radially dependent photopeak efficiency model for Si(Li) detectors 1-28798
- Cohen, D.K., Sari, S.O., Scherkoske, K.D. Interfacial scattering and electrodynamic effects due to roughness at silver surfaces 1-35108
- Cohen, E., Sturge, M.D., Olmstead, M.A., Logan, R.A. Electron-hole plasma in photoexcited indirect-gap AlGa_{1-x}As 1-3477
- Cohen, E. see Panayiotides, L.A. 1-5341
- Cohen, E. see Sternheim, M. 1-3484
- Cohen, E.J. see Fanselow, J.L. 1-49195
- Cohen, G., Wagner, L.K., Amley, S.R., Keyes, G., DiBianca, F.A. Analysis of the effects of MTF, scatter, and display on observer perceptibility and dose efficiency of film-screen-grid radiography 1-43968
- Cohen, G. see Wagner, L.K. 1-40006
- Cohen, I., Falk, R., Kline, R. Membrane currents following activity in canine cardiac Purkinje fibers 1-39901
- Cohen, I. see Drews, G. 1-10229
- Cohen, I.M., Ayyaswamy, P.S., Sundararajan, T. Effect of plug flow on the stability of two-dimensional arcs 1-34160
- Cohen, J.B., Dolle, H., James, M.R. Stress analysis from powder diffraction patterns 1-27967
- Cohen, J.B. see Moringa, M. 1-15754
- Cohen, J.D., Lang, D.V., Harbison, J.P., Bean, J.C. Observation of electron and hole traps in hydrogenated amorphous silicon by voltage- and laser-excited deep level transient spectroscopy 1-30668
- Cohen, J.G. Chemical properties of individual globular clusters 1-36362
- Cohen, J.G. Abundances in globular cluster red giants. III. M71, M67, and NGC 2420 1-44552
- Cohen, J.G. see Frogel, J.A. 1-9643, 1-22842
- Cohen, J.G. see Persson, S.E. 1-22877
- Cohen, J.I. Sequences of maximal distances and the free path of photons in attenuators of complex geometry 1-9955
- Cohen, J.M., Struble, M.F. Red and blue shifts near compact objects 1-36171
- Cohen, J.M. see Pechenik, K.R. 1-49979
- Cohen, J.R., Crystal, T.H., House, A.S., Neuburg, E.P. Weighty voices and shaky evidence: a critique 1-29478
- Cohen, J.S., Bardsley, J.N. Radiative collisional quenching of metastable muonic hydrogen $\mu\alpha$ (2s) and the metastable muonic helium ion $\mu\alpha$ (2s) 1-24293
- Cohen, L. see Doschek, G.A. 1-9443
- Cohen, L.G., Kaiser, P., Chinton Lin Experimental techniques for evaluation of fiber transmission loss and dispersion 1-11114
- Cohen, L.G. see Chinton Lin 1-11106
- Cohen, L.G. see Lin, C. 1-11131
- Cohen, L.H. see Klement, W. 1-3730
- Cohen, M. IRC+30219 1-27496
- Cohen, M., Kuhl, L.V. Studies of bipolar nebulae VI. Optical spectrophotometric mapping of GL 2688 (the Cygnus Egg Nebula) 1-32744
- Cohen, M., Nahon, J. A limited multiconfiguration frozen-core approximation for atoms: some results for the boron isoelectronic sequence 1-19014
- Cohen, M. see Schmidt, G.D. 1-4953
- Cohen, M.H., Fritzsche, H., Singh, J., Yonezawa, F. Kinds of disorder and the electronic structures of tetrahedral amorphous semiconductors 1-52473
- Cohen, M.H., Grest, G.S. Origin of low-temperature tunneling states in glasses 1-2338
- Cohen, M.H., Singh, J., Yonezawa, F. Elementary excitations of topologically disordered systems 1-42724
- Cohen, M.J., Paul, M.D., Miller, D.L., Waldrop, J.R., Harris, J.S., Jr. Schottky barrier behavior in polycrystalline GaAs 1-16365
- Cohen, M.J. see Liu, Y.Z. 1-33052
- Cohen, M.J. see Waldrop, J.R. 1-47730
- Cohen, M.L. Comment on "Quantum photoyield of diamond (111)—a stable negative-affinity emitter" 1-3572
- Cohen, M.L. Pseudopotential theory for surface and bulk properties of semiconductors 1-47429
- Cohen, M.L. see Ihm, J. 1-25782, 1-47259, 1-52246
- Cohen, M.L. see Lam, P.K. 1-2854, 1-42339
- Cohen, M.L. see Northrup, J.E. 1-3040, 1-52523
- Cohen, M.S. see Falk, J.C. 1-48498
- Cohen, N. see Fissene, I.M. 1-4370
- Cohen, N. see Linsalata, P. 1-53715
- Cohen, N.I., Brengle, T.A., Conley, D.B., Freis, R.P. An orbit averaged particle code 1-7001
- Cohen, N.L. see Bailly, J. 1-9720
- Cohen, R.D., Osterbrock, D.E. Optical spectrophotometry of narrow-line radio galaxies 1-54604
- Cohen, R.E., Bates, F.S. Nonequilibrium morphologies of a Diblock copolymer of polyisoprene and poly(n-butyl methacrylate) 1-43311
- Cohen, R.H., Bernstein, I.B., Dornig, J.J., Rowlands, G. Particle and energy exchange between untrapped and electrostatically confined populations in magnetic mirrors 1-29899
- Cohen, R.H. see Lichtenberg, A.J. 1-18159
- Cohen, R.J., Few, R.W. Formaldehyde in the Galactic Centre. I. The observations 1-54623
- Cohen, R.J., Mayorga, R.A.R. Fine structure in positive-velocity clouds 1-13839
- Cohen, R.J., von Schulthess, G.K., Benedek, G.B. Equilibrium and kinetic analyses of the condensation of multifunctional units in the limit of high functionality 1-39867
- Cohen, R.L., West, K.W., Wernick, J.H. Degradation of LaNi₅ by temperature-induced cycling 1-2808
- Cohen, R.W. see Carlson, C.R. 1-8873
- Cohen, S. Low emissivity coatings for the improvement of the insulation properties of double-glazing units 1-51576
- Cohen, S., Kimizuka, N., Steinfink, H. The crystal structure and stability of Ba₃Fe₂S₁₁ 1-38351
- Cohen, S. see Meservey, E.B. 1-24992
- Cohen, S. see Owens, D.K. 1-25073
- Cohen, S. see Suckewer, S. 1-34119
- Cohen, S.A., Budny, R., McCracken, G.M., Ulrickson, M. Mechanisms responsible for topographical changes in PLT stainless-steel and graphite limiters 1-50928
- Cohen, S.A., Dylla, H.F., Wampler, W.R., Magee, C.W. Deuterium ion fluxes to probes in the PLT edge plasma 1-25055
- Cohen, S.A. see Voss, D.E. 1-29909
- Cohen, S.A. see Wampler, W.R. 1-25029
- Cohen, S.C. see Cehn, J.I. 1-32252
- Cohen, S.M. see Jameson, C.J. 1-41328
- Cohen-Solal, G. see Zozime, A. 1-43235
- Cohen-Solal, G.W. see Mbow, C.M. 1-31217
- Cohen-Tenoudji, F. Scattering experiments in ultrasonic spectroscopy 1-39584
- Cohn, D. see Marom, G. 1-48440
- Cohn, D.H. see Leisman, G. 1-4404
- Cohn, D.R. see Bromberg, L. 1-46877, 1-51916
- Cohn, H. Late core collapse in star clusters and the gravothermal instability 1-44598
- Cohn, R.F. see LeBlanc, L.R. 1-11225
- Cohn, S.M. Fuel choice and aggregate energy demand in the residential and commercial sectors 1-21836
- Cohn, T.E. see Lasley, D.J. 1-39924
- Coignet, G. see Altkofer, O.C. 1-45773
- Coignet, G. see Arnault, C. 1-23947
- Coignet, G. see Aubert, J.J. 1-5630
- Coiner, J.C. see Cooper, D. 1-9192
- Coisson, R. X-ray sources 1-36781
- Cojocaru, E. see Cornea, I. 1-27089
- Cojocaru, M. see Petrea, I.C. 1-34968
- Cojocaru, M. see Ronen, Y. 1-18818
- Cojocaru-Udrea, E. Gasyndic code for the laser created hot plasma 1-15634
- Coker, A., Lee, T., Das, T.P. Investigation of the electronic properties of tellurium-energy-band structure 1-12027
- Coker, A., Lee, T., Das, T.P. Investigation of the electronic properties of tellurium-nuclear quadrupole interaction 1-12082
- Coker, A. see Heitjans, P. 1-26057
- Coker, D.F., Watts, R.O. Computer simulation of reactive liquids in chemical equilibrium 1-53403
- Colas, J., Lacotte, J.C. A low noise, large dynamic range pulse amplifier 1-14782
- Colas, J. see Aubert, B. 1-14748
- Colbert, E.K., Smith, L.A., Storton, J.M. Packed particle nuclear fuel fabrication plant reliability study 1-28688
- Colbert, J. see El-Batanouny, M. 1-42839
- Colbert, J. see Smith, R.J. 1-3573
- Colbert, J.C. see Prosen, E.J. 1-17524
- Colborn, M.N. see Wysocki, J.A. 1-29393
- Colbourne, D., Gardiner, M.K., Krizek, J., Norris, C. Photoemission from liquid Li-Pb alloys 1-31312
- Colbourne, D.E. A simulation of a supersonic intake on a hybrid computer 1-19745
- Colbourne, J. see Alexander, M.J.L. 1-49036
- Colburn, D.S. Electromagnetic heating of Io 1-44477
- Colburn, D.S. see Smith, E.J. 1-40385
- Colburn, R.P., Maffei, F.P. Contamination transport in the primary coolant system during a breached fuel pin test in EBR-II 1-45621
- Colburn, T.R. see Smith, T.G., Jr. 1-49170
- Colby, M.J., Crowther, R.L., Kunz, C.L., Townsend, D.B., Wolters, R.A. Safety analysis of thorium-based fuels in a large BWR 1-41209
- Coldren, L.A., Iga, K., Miller, B.I., Rentschler, J.A. GaInAsP/InP stripe-geometry laser with reactive-ion-etched facet 1-24428
- Coldren, L.A. see Chandra, P. 1-35106
- Cole, A.J., Murdoch, J., Sim, S.M.L., Evans, R.G. Time-resolved studies of backscattered light from a plasma generated by a 0.52 μ m laser 1-42208
- Cole, A.J. see Gray, D.R. 1-19961
- Cole, A.R.H., Cross, K.J., Cugley, J.A., Heise, H.M. Infrared rotation-vibration spectra of ethane. The perpendicular band, ν_7 , of C₂H₆ 1-24133
- Cole, A.R.H. see Heise, H.M. 1-24134
- Cole, B.E. see Codling, K. 1-46018
- Cole, B.E. see Parr, A.C. 1-33519
- Cole, B.J. Shell-model studies of mass-45 nuclei and calcium isotopes A=46-50: energy spectra and electromagnetic moments 1-23574
- Cole, B.L. see Bowman, K.J. 1-43935
- Cole, E.A.B. New electromagnetic fields in six-dimensional special relativity 1-40650
- Cole, G.H.A. The internal structure and early history of the Moon 1-40363
- Cole, I., Windsor, C.G. The thermal diffuse correction in neutron time-of-flight diffraction 1-2292
- Cole, J. see Gray, D. 1-29917
- Cole, J.D., Cook, L.P., Zeigler, F. Finite span wings at sonic speed 1-19741
- Cole, J.E., III, Garreliek, J.M. Diffraction of sound by an impedance paraboloid 1-11216
- Cole, J.H. see Fields, J.N. 1-6662
- Cole, J.H. see Jarzynski, J. 1-18256

- Cole, K.S. Digital operations can be deceptive. Squal grain axon membrane 1-9054
- Cole, M.W. Amplitude of liquid-vapor interfacial oscillations 1-11957
- Cole, M.W. see Vidali, G. 1-25523
- Cole, P.L. see Boone, J.L. 1-35661
- Cole, P.W., Deupree, R.G. The core helium flash 1-40477
- Cole, R.K., Jr., Baskes, M.I., Rumble, E.T. Thermal-hydraulic analysis of the first 16 hours of the TMI-2 accident 1-10490
- Cole, R.S., Asimakopoulos, D.N., Mousley, T.J., Caughey, S.J., Crease, B.A. Some aspects of the construction and use of atmospheric acoustic sounders 1-17705
- Cole, R.S. see Caughey, S.J. 1-17706
- Cole, R.S. see Medeiros-Filho, F.C. 1-36024
- Cole, R.S. see Mousley, T.J. 1-21949, 1-49318
- Cole, S. Plastic binding of Cd₂Hg_{1-x}Te 1-12795
- Cole, T., McCombe, B.D. Valley degeneracy and intersubband spectroscopy in (111) and (110) Si inversion layers 1-48068
- Cole, T. see Bloss, W.L. 1-52509
- Cole, T. see McCombe, B.D. 1-12506
- Cole, T.W. The AOS: widening the radio sky 1-13698
- Cole, T.W. Spectral analysis of a temporal signal with incoherent optics 1-37418
- Colella, M.B., Siggia, S., Barnes, R.M. Poly(acrylamidoxime) resin for determination of trace metals in natural waters 1-53490
- Colella, R. see Chapman, L.D. 1-15978
- Coleman, A.J., Absar, I. Reduced Hamiltonian orbitals. III. Unitarily invariant decomposition of Hermitian Operators 1-24022
- Coleman, A.J., O'Shea, D. Local characterization of phase diagrams 1-7343
- Coleman, A.J. see Speller, R.D. 1-49099
- Coleman, C.C. see Hill, W.A. 1-7688
- Coleman, D.M., Sainz, M.A. Simple device to accurately position image standards for calibrating high spatial resolution optical systems 1-40862
- Coleman, G.D., Chi-Cho Wu, Weedman, D.W. Colors and magnitudes predicted for high redshift galaxies 1-9669
- Coleman, J.E. see Daniel, J.J. 1-13096
- Coleman, J.J., Dapkus, P.D. Single-longitudinal-mode metalorganic chemical-vapor-deposition self-aligned GaAlAs-GaAs double-heterostructure lasers 1-1576
- Coleman, J.J., Dapkus, P.D., Laidig, W.D., Vojak, B.A., Holonyak, N., Jr. High-barrier cluster-free Al_{0.5}Ga_{0.5}As-AlAs-GaAs quantum-well heterostructure laser 1-46340
- Coleman, J.J. see Holonyak, N., Jr. 1-29281
- Coleman, L. see Fontaine, G. 1-9503
- Coleman, L.M. see Campbell, E.M. 1-41228
- Coleman, M.C., Parker, J.D., Walters, D.J., Williams, J.A. The deformation behavior of thick walled pipe at elevated temperatures 1-35343
- Coleman, M.M., Varnell, D.F. Fourier-transform infrared studies of polymer blends. III. Poly(β -propiolactone)-poly(vinyl chloride) system 1-16563
- Coleman, M.M. see Petcavich, R.J. 1-43111
- Coleman, P.D., Blackwell, B.D., Beckerich, S.R., Rothstein, C.K., Kristiansen, M., Hagler, M.O. Investigations of various probe sheath materials in the Texas Tech Tokamak 1-2247
- Coleman, P.D. see Kim, K.J. 1-29263
- Coleman, P.E., Kagan, D., Knight, P.L. Interpretation of sub-natural linewidths in pulsed-excitation laser spectroscopy 1-41349
- Coleman, P.E., Knight, P.L. Raman coupling between dressed states in resonant multiphoton ionization 1-41357
- Coleman, P.E. see Knight, P.L. 1-18304
- Coleman, P.G., Hutton, J.T. Excitation of helium atoms by positron impact 1-29123
- Coleman, P.G., McNutt, J.D., Diana, L.M., Hutton, J.T. Measurement of total cross sections for the scattering of positrons by argon and xenon atoms 1-15019
- Coleman, P.J., Jr. see McLeod, M.G. 1-9287
- Coleman, P.J., Jr. see Smith, E.J. 1-40385
- Coleman, R.E. see Christian, P.E. 1-49109
- Coleman, R.F. see Kuo-Nan Liu 1-6483
- Coleman, R.V., Klaffky, R.W., Lowrey, W.H. Hall effect in single crystals of iron 1-34688
- Coleman, R.V. see Clark, J.M. 1-4334
- Coleman, R.V. see Hillenius, S.J. 1-47718
- Coleman, S. The uses of instantons 1-28200
- Coleman, W.H. Westinghouse OTEC power systems 1-8734
- Coleridge, P.T. see Molenaar, J. 1-42768
- Coles, B.R. Transitions from the samarium structure to hexagonal structures 1-38530
- Coles, B.R. see Kolodziejczyk, A. 1-25897
- Coles, D., Savas, O. Interactions for regular patterns of turbulent spots in a laminar boundary layer 1-42043
- Coles, J.N. A quantitative model for the effects on secondary ion emission of gaseous absorption at solid surfaces under noble gas ion bombardment 1-31282
- Coles, J.R., Ciddor, G.S. The influence of radiation therapy on cardiac pacemakers 1-8977
- Coles, M.W. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Coles, M.W. see Dorfan, J.M. 1-41020
- Coles, M.W. see Himel, T.M. 1-18482
- Coles, M.W. see Scharr, D.L. 1-18485, 1-45292
- Coles, R.L. see Langel, R.A. 1-40049
- Coles, W.A. see Ananthakrishnan, S. 1-40296
- Colestock, P. see Meservey, E.B. 1-24992
- Colestock, P.L. see Chrien, R.E. 1-46917
- Colestock, P.L. see Strachan, J.D. 1-45729
- Coley, W.E. see Sumner, J.R. 1-18802
- Colgan, E.G., Tsaur, B.Y., Mayer, J.W. Phase formation in Cr-Si thin-film interactions 1-38679
- Colgan, P.A. see McAulay, I.R. 1-22136
- Coli, M. see Boccaletti, M. 1-9134
- Colijn, P.F. see Mittemeijer, E.J. 1-26674
- Colin, D. see Da Cunha Belo, M. 1-39529
- Colin, E., Michel, C. A statistical approach for determination of runoff coefficients and their use for forecasting flood flow 1-49297
- Colin, P., Keith, B., Wendel, P.L., Oudet, P. On-line treatment of images of biological material by conventional electron microscopy 1-53939
- Colla, R. see Burtin, B. 1-6306
- Colla, G. see Bollini, D. 1-6077
- Colleraïne, A.P., Kamperschroer, J.H., Phipps, J.F. Armor plate protection of the Doublet III vacuum vessel for neutral beam heating 1-6019
- Collerson, K.D. see Finnerty, A.A. 1-32648
- Collerson, K.D. see Ransford, G.A. 1-36211
- Collet, A. see Bertault, M. 1-47232
- Collet, J., Pugnet, M., Cornet, A., Brousseau, M., Razbirin, B.S., Mikhailov, G.V. Picosecond spectroscopy of CdSe at high excitation 1-48157
- Collet, J. see Pugnet, M. 1-8129
- Collette, J.W. see Anderson, B.C. 1-12953
- Colletti, J.P., Easley, J.A., Luoma, G.D. TMI-2 post-accident criticality analyses 1-45665
- Colley, D. Radio observations of W3 at 2.7 and 15.4 GHz 1-13873
- Colli Franzone, P. Regularization methods applied to an inverse problem in electrocardiology 1-9052
- Colli Milazzo, L. see Bonetti, R. 1-23664
- Collick, B., Heppelmann, S., Joyce, T., Makdisi, Y., Marshak, M., Peterson, E., Rudick, K., Shupe, M., Berg, D., Chandiee, C., Chingari, S., Ferbel, T., Huston, J., Jensen, T., Lobkowicz, F., McLaughlin, M., Ohshima, T., Slattery, P., Thompson, P., Biel, J., Jonckheere, A., Koehler, P.F., Nelson, C.A. New results on radiative meson decays 1-45290
- Collick, B. see Jonckheere, A. 1-51013
- Collier, R.K. Solar collector related research and development in the United States for heating and cooling of buildings 1-17285
- Collier, R.P. see Liu, J.S.K. 1-28679
- Collier, R.P. see Segev, A. 1-5939, 1-5940
- Collier, R.W. see Bishop, J.K.B. 1-32465
- Colliex, C., Mory, C., Trebbia, P. Inelastic electron scattering 1-38214
- Colligiani, A., Pinzino, C., Brustolon, M., Corvaja, C. ENDOR determination of the α -deuterium quadrupole tensor in the CD(COO)₂ radical in a single crystal 1-43037
- Collin, G., Chavant, C., Keller-Besrest, F. Planar defects and nonstoichiometry in NiAs type compounds with vacancies 1-42394
- Collin, G. see Boilot, J.P. 1-34328
- Collin-Sourfin, S. see Stasinska, G. 1-40354
- Collina, R. see Bandelloni, G. 1-36826
- Collinge, B. see Jones, G.D. 1-28816
- Collings, A.F., McLaughlin, I.L. The transport coefficients for polyatomic liquids 1-7399
- Collings, I.L., Grimshaw, R. The effect of current shear on topographic Rossby waves 1-4515
- Collings, I.L., Grimshaw, R. The effect of topography on the stability of a barotropic coastal current 1-54101
- Collins, A.J. see Chapman, V.B. 1-42985
- Collins, A.L.W. see Sidey, D. 1-35393
- Collins, A.T. High-resolution luminescence-excitation spectra of the GR defect in diamond 1-39140
- Collins, B.S. see Hulme, K.F. 1-33738
- Collins, C. Charge transfer processes in rare gases 1-37325
- Collins, C.B., Anderson, J.A., Popescu, D., Popescu, I. Photolytic spectroscopy of simple molecules. I. The production of ⁵D atoms from Cs₂ 1-48704
- Collins, C.B., Glass, E.N., Wilkinson, D.A. Exact spatially homogeneous cosmologies 1-49867
- Collins, C.B., Lee, F.W., Anderson, J.A., Vicharelli, P.A., Popescu, D., Popescu, I. Photolytic spectroscopy of simple molecules. II. The production of ⁶P atoms from the X²_g state of Cs₂ 1-48705
- Collins, C.B., Lee, F.W., Carroll, J.M. An atomic-fluorine laser pumped by charge transfer from He⁺ at high pressures 1-37461
- Collins, C.B., Lee, F.W., Goinabi, H., Vicharelli, P., Popescu, D., Popescu, I. State-selective photolysis of Cs₂ and CsKr 1-37279
- Collins, C.B. see Olariu, S. 1-36926, 1-45456
- Collins, C.B. see Stanculescu, C. 1-36677
- Collins, D. see Mason, P. 1-47324
- Collins, D.M. see Luscher, P. 1-3626
- Collins, E.D., Benker, D.E., Bigelow, J.E., Chatin, F.R., King, L.J., Lloyd, M.H., Ross, R.G., Savage, H.C. Solvent extraction studies of coprocessing flowsheets 1-18856
- Collins, E.R. An adjustable solar concentrator 1-39741
- Collins, G. see Leith, E. 1-11082
- Collins, G.B. see Hughes, F.M. 1-28577
- Collins, G.D. Electromagnetic pumping of liquid metal coolant in the fissile blanket of the TMHR 1-6036
- Collins, G.J. see Hemmati, H. 1-10771, 1-15164
- Collins, G.J. see Solanki, R. 1-29259
- Collins, G.W., Newsom, G.H. SS 433 1-22824
- Collins, G.W., II. Stellar tidal disruption by a massive binary black hole 1-36323
- Collins, G.W., II see Slettebak, A. 1-49642
- Collins, J.C. Algorithm to compute corrections to the Sudakov form factor 1-5622
- Collins, J.C. see Brown, L.S. 1-36788
- Collins, J.G. see Barron, T.H.K. 1-2658
- Collins, J.L. see Lorenz, R.A. 1-5935
- Collins, J.M. see Ross, R.T. 1-4178
- Collins, J.T., Flinn, W.R., Queral, L.A., Abramowitz, H.B., Yao, J.S.T. A noninvasive method for assessing lower extremity venous function 1-39985
- Collins, J.V. see Jones, D.P. 1-13338
- Collins, K.E. see Parker, W.C. 1-21348, 1-21752
- Collins, L.A., Cartwright, D.C., Wadt, W.R. Electronic transitions in N₂⁺ 1-6238
- Collins, L.A. see Morrison, M.A. 1-24272
- Collins, L.A. see Robb, W.D. 1-19198
- Collins, L.A. see Schmid, G.B. 1-24043
- Collins, L.A. see Schneider, B.I. 1-41492
- Collins, M.A. A quasicontinuum approximation for solitons in an atomic chain 1-33376
- Collins, M.A., Craig, D.P. A simple model of photoinduced lattice instability 1-38475
- Collins, M.F. see Turner, C.W. 1-25892
- Collins, M.T., Griffin, J.J. Mean free path of nucleons in a Fermi gas at finite temperature 1-5721
- Collins, P. see Williams, P.M. 1-54531
- Collins, P.J., McFarlane, H.F., Grassiechi, G.L. Experimental studies of control rod geometry and enrichment effects in ZPPR-10A 1-28663
- Collins, P.L. see Kosai, H. 1-13785
- Collins, P.V. Feature extraction for automatic speech recognition 1-51669
- Collins, R. The choice of an effective time constant for diffusive processes in finite systems [Thermal conduction and sputtering examples] 1-11284
- Collins, R. see Dover, W.D. 1-12941
- Collins, R.E. see Graves, W.G. 1-37973
- Collins, R.J. see Suh, S.Y. 1-43719
- Collins, S.A., Cook, A.F., Cuzzi, J.F., Danielson, G.E., Hunt, G.E., Johnson, T.V., Morrison, D., Owen, T., Pollack, J.B., Smith, B.A., Terrie, R.J. First voyager view of the rings of Saturn 1-22721
- Collins, S.A., Jr., Wasmundt, K.C. Optical feedback and bistability: a review 1-1619
- Collins, S.A., Jr. see Gerlach, U.H. 1-1687
- Collins, T.C., Kunz, A.B., Weidman, R.S. A model for the diamagnetic anomaly in CuCl 1-20633
- Collins, V.P., Brunk, U.T. An approach to the exploitation of scanning electron microscopy in studies of cultures of human cells 1-27043
- Collins, W.J. see Hermann, R.A. 1-50840
- Collins, W.L. see Meador, R.W. 1-50711
- Collins Bain, E. Factors affecting the inherent hardenability of steel 1-48375
- Collinson, C.D. Homothetic motions and the Hauser metric 1-9891
- Collinson, D.W. see Runcorn, S.K. 1-54403
- Collinsworth, P.R. see Swansen, J.E. 1-18978
- Collis, W. see McPherson, J.W. 1-34650
- Collis, W.J. see Abul-Fadi, A. 1-35191
- Collis-Smith, J.A. see Bowles, L.F. 1-33287
- Collobert, D. see Chouan, Y. 1-38184
- Collocott, S.J. Simplified isolation measurements 1-31988
- Colloby, A. see Bochu, B. 1-15878
- Collogues, R. see Lejus, A.M. 1-7152
- Collyer, A.A., France, G.H. Extrudate distortion studies of polystyrene using an extrusion rheometer 1-30289
- Collyer, A.A. see Clegg, D.W. 1-48408
- Colman-Sadd, S.P. Geology of south-central Newfoundland and evolution of the eastern margin of Iapetus 1-44129
- Colmano, R. see Pittimada, D. 1-50713
- Colmenero, J., Barandiaran, J.M. Thermal properties and crystallization processes in semiconducting Al-As-Te glasses 1-25180
- Colomb, G. see Manarache, J.C. 1-7778
- Colomb de Daunant, I., Vassilev, G., Rahmat, G., Baudon, J. Differential measurements of metastable Ne(2p³ ³P₂) on Ne(2p⁶ ¹S₀) collisions at thermal energies 1-24289
- Colomban, P. see Lenfant, P. 1-31395
- Colomban, Ph. see Boilot, J.P. 1-34328

- Colombant, D.G., Goldstein, S.A., Mosher, D. Hydrodynamic response of plasma channels to propagating ion beams 1-6972
- Colombant, D.G., Manheimer, W.M. A model of anomalous absorption, backscatter, and flux limitation in laser-produced plasmas 1-29853
- Colombant, D.G., Manheimer, W.M. Hard-X-ray spectrum from a single-electron-temperature laser plasma model 1-42140
- Colombant, D.G. *see* Bloomberg, H.W. 1-11584
- Colombeau, B. *see* Piasceci, J. 1-19433, 1-46567
- Colombet, J.F. *see* Demazeau, G. 1-34665
- Colombet, P. *see* Tremblot, M. 1-47248
- Colombo, D. *see* Cavallotti, P. 1-43679
- Colombo, E. *see* Iglesias, G.E. 1-4657
- Colonias, J.S., Friedman, M.J. On the solution of the general magnetostatic equation by the combination of integral and differential equations 1-46195
- Colonna, F.P. *see* Distefano, G. 1-19132
- Colony, R., Thordike, A.S. The horizontal coherency of the motion of summer Arctic sea ice 1-54125
- Colpa, J.P. *see* Deimling, M. 1-16504
- Colquhoun, W.R. Polished filaments 1-40901
- Colquhoun, W.R. Beveled sections 1-45082
- Colts, B. *see* Cho, S.-A. 1-53121
- Colsher, J.G. *see* Muehllehner, G. 1-8982
- Colson, J.C., Lambertin, M., Larpin, J.P. Mechanisms and kinetics of corrosion by sulphur at high temperatures in ferritic and austenoferritic steels 1-35428
- Colson, J.C., Lambertin, M., Larpin, J.P. Mechanisms of matter transfer and dry corrosion kinetics for metals and alloys 1-48575
- Colson, J.P. *see* Reneker, D.H. 1-11683
- Colson, S.D., Cheung, W.Y., Glowina, J.H., Riley, S. The transient lensing and MPI spectra of SO_2 in the $3\text{B}_1\text{-A}_1$ single photon wavelength region 1-29066
- Colson, S.D. *see* Glowina, J.H. 1-24194
- Colson, W.B., Ride, S.K. The free-electron laser: Maxwell's equations driven by single-particle currents 1-10964
- Colter, P.C., Schnatterly, S.E. Polarization-dependent photoyield for evaporated Na films 1-3574
- Colteu, A. *see* De Sabata, I. 1-33003
- Colton, D., Kress, R. Iterative methods for solving the exterior Dirichlet problem for the Helmholtz equation with applications to the inverse scattering problem for low frequency acoustic waves 1-51648
- Colton, E. Design of the LAS spectrometer 1-23938
- Colton, E., Fenster, R. Particle trajectories in quadrupole fringe fields 1-23915
- Colton, R.J., Campana, J.E., Barlak, T.M., DeCorpo, J.J., Wyatt, J.R. High-performance secondary ion mass spectrometer 1-36768
- Colton, R.J. *see* Ganjei, J.D. 1-31931
- Coltrin, M.E., Koszykowski, M.L., Marcus, R.A. Cross-correlation trajectory study of V-V energy transfer in HF-HF and DF-DF 1-14989
- Coltrin, M.E., Marcus, R.A. The role of vibrational-rotational coupling in V-V and V-R,T energy transfer 1-1330
- Coltrin, M.E., Marcus, R.A. Cross correlation trajectory study of vibrational relaxation of HF ($v=1,7$) by HF ($v=0$) 1-24210
- Colters, R.G., Belton, G.R. Studies of the $\text{BaF}_2\text{-BaC}_2$ solid solution as a carbide electrolyte 1-12678
- Coluccia, S., Bocuzzi, F., Ghiotti, G., Mirra, C. Evidence for heterolytic dissociation of H_2 on the surface of thermally activated MgO powders 1-21782
- Coluccia, S. *see* Bocuzzi, F. 1-52929
- Coluzza, C., Garozzo, M., Maletta, G., Margadonna, D., Tomacelli, R., Migliorato, P. n-CdS/p-Si heterojunction solar cells 1-8704
- Coluzzi, B. *see* Ambrosone, G. 1-39813
- Colvard, C. *see* Merlin, R. 1-52940
- Colver, G.M., Howell, D.L. Particle diffusion in an electric suspension 1-17993
- Colwell, B.H. Vapour pumping groups 1-40806
- Colwell, J.E. *see* Gilmer, D.S. 1-4653
- Comallonga, J. *see* Alric, R. 1-27020
- Comanicu, N. *see* Alexandrescu, R. 1-51522
- Comar, D. *see* Crouzel, C. 1-43999
- Comarmond, M.B. *see* Moras, D. 1-32092
- Comas, J. *see* Covington, D.W. 1-47394
- Comaskey, B., Scotti, R.E., Shoemaker, R.L. Optical coherent transient measurements of velocity-changing collisions in SF_6 1-41789
- Combarrous, M. *see* Castagnone, J.-P. 1-1971
- Combarrous, M. *see* Klarfeld, S. 1-51689
- Combe, P., Hoegh-Krohn, R., Rodriguez, R., Sirugue, M. Poisson processes on groups and Feynman path integrals 1-5137
- Combe, Ph., Rodriguez, R., Sirugue, M., Sirugue-Colin, M. Parafermi fields as projective representation of discrete groups 1-5464
- Combe, Ph., Sciarmino, A., Sorba, P. Little groups and Higgs representations for $\text{SU}(n)$ gauge theories 1-5461
- Combecher, D. Measurement of W values of low-energy electrons in several gases 1-42127
- Comber, J., Hockman, P. Pressure monitoring: what's happening? 1-18239
- Comber, P.G. *see* Le Comber, P.G.
- Combes, F., Faigaroné, E., Guibert, J., Nguyen-Q-Rieu CO observations of interstellar clouds: isotopic ratios 1-13830
- Combes, F. *see* Boulanger, F. 1-36402
- Combet, E. *see* Martin-Bouyer, J. 1-25736
- Combet, E. *see* Martin-Bouyer, M. 1-47665
- Combi, M.R. Neutral cometary atmospheres. III. Acceleration of cometary CN by solar radiation pressure 1-22727
- Combley, F., Farley, F.J.M., Picasso, E. The CERN muon (g-2) experiments 1-45288
- Combley, F. *see* Altkofer, O.C. 1-45773
- Combley, F. *see* Aubert, J.J. 1-5630
- Combouret, J. *see* Jourdain, J.-L. 1-53415
- Combridge, B.L. Consequences of the photon-gluon induced couplings of QCD 1-5569
- Combronde, J., Felix, J.C. Pulling process for controlling oxygen in silicon crystals 1-48248
- Combs, J.F. *see* Fallert, D.L. 1-28038
- Comby, G., Mangeot, P., Prugne, P., Chalot, J.F., Coulereau, E., Quidort, J., Beauval, J.J., Tichit, J. Multi-needle detector with cathode focusing 1-14759
- Comden, M. *see* Paker, S. 1-19687
- Comellas, F., Mas, L. Study of interior metrics matching the Kerr metric 1-5171
- Comelli, F., Francesconi, R., Lanzi, E. Estimation of molecular weight distribution of poly(vinylpyrrolidone) from diaphragm-cell diffusion measurements 1-37375
- Comer, J. *see* Mitchell, P. 1-19190
- Comer, J. *see* Wilden, D.G. 1-29125
- Comer, J.J., Eirug Davies, D., Lorenzo, J.P. Electron microscope study of annealed SiH_2^+ implanted InP 1-11751
- Comerford, L.D. Total internal reflection end mirror laser diode 1-41721
- Comes, F.J. *see* Ortigies, G. 1-36070, 1-54285
- Comes, R. *see* Bolot, J.P. 1-34328
- Comes, R. *see* Megert, S. 1-7332, 1-42369
- Comes, R. *see* Pouget, J.P. 1-42370
- Comin, F. *see* De Crescenzi, M. 1-31232
- Comincioli, V. *see* Capelo, A. 1-53808
- Comins, J.D. *see* Catlow, C.R.A. 1-38819
- Comins, N. Profiles of the stochastic star formation process in spiral galaxies 1-36412
- Comins, N.R., Fourie, J.T. Simultaneous imaging of different stages of hardening contained in the surface region of deformed Cu-5.8 at.% Al crystals 1-35280
- Cominsky, L., Jernigan, J.G., Ossman, W., Doty, J., van Paradijs, J., Lewin, W.H.G. A search for pulsations and eclipses from X-ray burst sources 1-49855
- Cominsky, L. *see* Basinski, E.M. 1-22926
- Cominsky, L. *see* Hoffman, J.A. 1-13884
- Cominsky, L. *see* Kriss, G.A. 1-17912
- Cominsky, L. *see* Lewin, W.H.G. 1-9733
- Cominsky, L. *see* Lewis, W. 1-36192
- Comisarow, M.B. Cubic trapped-ion cell for ion cyclotron resonance 1-36766
- Commandre, M., Sauvage, D., Fruchart, D., Rouault, A., Shoemaker, C.B., Shoemaker, D.P. Neutron diffraction investigation of the Mn_{23}Y_6 deuterides 1-20120
- Commandre, M. *see* Cros, A. 1-48548
- Commandre, M. *see* Fruchart, D. 1-20123
- Commichau, V., Deutschmann, M., Goddeke, H., Hangarter, K., Puthofen, U., Schulte, R., Struczinski, W. A transition radiation detector for pion identification in the 100 GeV/c momentum region 1-14761
- Commins, E. *see* Bucksbaum, P. 1-46150
- Commisso, R.J. *see* Ekdahl, C. 1-6965
- Comminakis, P.E., Papazachos, B.C. Space and time distribution of the intermediate focal depth earthquakes in the Hellenic arc 1-49229
- Comminou, M., Dundurs, J. On lack of uniqueness in heat conduction through a solid to solid contact 1-24653
- Comminou, M., Dundurs, J. On the possibility of history dependence and instabilities in thermoelastic contact 1-37856
- Comminou, M. *see* Dundurs, J. 1-25368
- Comollet, R. *see* Fusil, J. 1-50185
- Compagno, G., Panzarella, A., Persico, F. A new phase transition in the Dicke hamiltonian 1-19305
- Compagno, G., Persico, F. Canonical transformation for single-atom resonance fluorescence: the strong-driving-field limit 1-14845
- Comparat, V. *see* Djali, C. 1-18623
- Comparat, V. *see* Perrin, G. 1-50577
- Compeau, C.R. *see* Latanision, R.M. 1-43615
- Comper, W.D. *see* Preston, B.N. 1-2310
- Compton, E.C., Kassell, P.C., Jr., Knight, C.W. Camera add-on records time of exposure 1-36751
- Compton, R.N. Compound states in atoms, molecules, and clusters 1-37110
- Compton, R.N., Alton, G.D., Pegg, D.J. Photodetachment cross sections for $\text{He}^-(^4\text{P}^0)$ 1-19062
- Comrie, C. *see* Pretorius, R. 1-3958
- Comsa, G. *see* Niehus, H. 1-35435
- Comte, M. *see* Kupecek, Ph. 1-46440
- Comte-Bellot, G. Experimental methods and techniques in turbulent boundary layer research 1-2119
- Comte-Bellot, G. *see* Juve, D. 1-11390
- Comtet, A. Magnetic monopoles in curved spacetimes 1-10057
- Comtet, A. *see* Chakrabarti, A. 1-14234
- Comyn, J., Chase, M.B.D. The aging of living α -methylstyryl oligomers 1-48686
- Comyn, J. *see* Briggs, D. 1-21613
- Conant, D.R., Houseman, B.L. EMF and Vapor pressure measurements of cadmium activities over dilute solutions of palladium in cadmium 1-7314
- Conard, B.R., Sridhar, R., Warner, J.S. High-temperature thermodynamic properties of chalcopyrite 1-26763
- Conard, J., Estrade-Szwarcopf, H., Lauginie, P., El Makrini, M., Lagrange, P., Guerard, D. X-ray EPR and NMR studies and structure of some ternary compounds of graphite 1-42363
- Conard, J., Gutierrez-Le Brun, M., Lauginie, P., Estrade-Szwarcopf, H., Hermann, G. High field ^{13}C NMR in lamellar compounds of graphite and a model of 'in-plane localized' densities of states 1-38992
- Conarty, R.L. *see* Logan, S.E. 1-856
- Conaway, J.G. Direct determination of the gamma-ray logging system response function in field boreholes 1-22518
- Condat, M. *see* Decamps, B. 1-11759
- Condat, R. *see* Gazanhes, C. 1-1792, 1-24608
- Conde, G.P. *see* del Conde, G.P.
- Conde P., G. *see* del Conde P., G.
- Condie, K.C. The Tijeras Greenstone: evidence for depleted upper mantle beneath New Mexico during the Proterozoic 1-54032
- Condirston, D.A. *see* Safarzadeh-Amiri, A. 1-29099
- Condomines, M., Allegre, C.J. Age and magmatic evolution of Stromboli volcano from ^{230}Th , ^{238}U disequilibrium data 1-22308
- Condon, E.U., Odabasi, H. Atomic structure 1-13949
- Condon, J.B. Nucleation and growth in the hydrating reaction of uranium 1-4068
- Condon, J.B. Standard Gibbs energy and standard enthalpy of formation of UH_3 from 450 to 750K 1-39669
- Condon, J.B. *see* Cristy, S.S. 1-31765
- Condon, J.J. Strong radio sources in bright spiral galaxies 1-49799
- Condon, J.J., Condon, M.A., Mitchell, K.J., Usher, P.D. Radio observations of a new class of optically selected quasi-stellar objects 1-44661
- Condon, J.J. *see* De Young, D.S. 1-40553
- Condon, M.A. *see* Condon, J.J. 1-44661
- Condos, S.G. *see* Klay, J.W. 1-22161
- Condos, S.G. *see* McFarland, W.J., Jr. 1-13373
- Condotta, D.L., Malody, C.W., Tomlinson, R.E. Comparative economics of nuclear fuels reprocessing 1-18850
- Condrate, R.A., Sr. *see* Casciani, F. 1-26196
- Conduit, A.J., Payne, D.N., Hartog, A.H. Optical fibre backscatter-loss signatures: identification of features and correlation with known defects using the two-channel technique 1-11145
- Cone, M. *see* Everson, J.H. 1-46496
- Cone, R.A. *see* Chang-Lin Wey 1-39909
- Conetti, S. *see* Faissler, W. 1-45351
- Conetti, S. *see* Ushida, N. 1-546
- Coney, J.E.R. *see* Wan, C.C. 1-37940
- Coney, P.J., Jones, D.L., Monger, J.W.H. Cordilleran suspect terranes 1-22292
- Conflant, P., Boivin, J.-C., Thomas, D. Structural study of the anionic conductor $\text{Bi}_{0.765}\text{Sr}_{0.235}\text{O}_{1.383}$ 1-38352
- Conforti, G., Del Giallo, F., Pieralli, F., Ventura, G., Zaccanti, G. Computer-aided design of an alkali ion source 1-14209
- Conforto, B. *see* Allen, P. 1-36856
- Conforto, B. *see* Fiorino, A. 1-50583
- Cong, H. *see* van Van Cong, H.
- Cong, H. *see* van Van Cong, H.
- Congdon, S.P., Crowther, R.L., Kang, C.M., Linford, R.B., Neissel, J.P., Parkos, G.R. BWR in-core nuclear instrumentation 1-45712
- Congdon, W.I., Khanna, S.K., Bair, H.E. An analysis of the thermal degradation under processing conditions of ABS/PVC blends 1-12778
- Congedi, M. *see* Monica, M.D. 1-42081
- Congedo, T.V., Lee-Fan, I.S., Cohen, B.L. Final state interaction in $(^3\text{He}, ^4\text{He})$ reactions 1-713
- Conger, W.L. *see* Davis, M.E. 1-17313
- Congisto, A. Thermal phase transition of the dilute s-state Potts and n-vector models at the percolation threshold 1-42972
- Congiglio, A. *see* Family, F. 1-5244
- Congiglio, A. *see* Redner, S. 1-192
- Coninck, F. *see* De Coninck, F.
- Coninck, R. *see* De Coninck, R.
- Conle, A., Topper, T.H. Overstrain effects during variable amplitude service history testing 1-21673
- Conley, D.B. *see* Cohen, N.I. 1-7001
- Conley, M.K. *see* Kahn, H.L. 1-13050

- Conlon, T.W., Parker, D.J. Analysis and profiling of the light element isotopes; a new approach using non-elastic recoil following heavy ion nuclear reactions 1-26789
- Conlon, T.W. see Asher, J. 1-25311, 1-39702
- Conlon, T.W. see Shea, J.H. 1-25310
- Conn, P.J. see Kennett, P. 1-40066
- Conn, R.W. see Gordinier, M.R. 1-25043
- Conn, R.W. see Pontau, A.E. 1-24995
- Connell, C.W., Jr. see Burstein, N.M. 1-14660
- Connell, G.A.N., Street, R.A. Amorphous semiconductors 1-47441
- Connell, G.A.N. see Allen, J.W. 1-30360
- Connell, G.A.N. see Wright, A.C. 1-30056
- Connell, J.F. see Honjo, S. 1-49416
- Connell, J.R. Turbulence as experienced by a moving rotor of a wind turbine 1-46733
- Connell, P.S., Perry, R.A., Howard, C.J. Tunable diode laser measurement of nitrous oxide in air 1-44239
- Conner, G.R. see Covino, B.S., Jr. 1-4007
- Connerade, J.P. Evidence for two-step autoionisation in the 5d spectrum of Pb 1-45881
- Connerade, J.P., Baig, M.A. On the sp^2 configuration in the Ga I, In I, and Tl I isoelectronic sequences 1-28904
- Connerade, J.P., Baig, M.A., McGlynn, S.P. Autoionisation in polyatomic molecules 1-41442
- Connerade, J.P., Baig, M.A., McGlynn, S.P., Garton, W.R.S. Rovibronic structure of Rydberg and non-Rydberg states of H_2O and D_2O 1-24163
- Connerade, J.P. see Aslam Baig, M. 1-10749
- Connerade, J.P. see Baig, M.A. 1-33475, 1-45929
- Connerney, J.E.P. see Acuna, M.H. 1-40386
- Connors, A., Kramer, E.J. Rapid response of a growing environmental craze to a stress pulse 1-53276
- Connors, P. see Davis, D.S. 1-36178
- Connolly, D., Milbrodt, T., Stoner, R. Preliminary solid-solid phase diagram for nitrogen-methane mixtures by X-ray diffraction 1-39320
- Connolly, J.C. see Botez, D. 1-24419, 1-41748
- Connolly, J.F. see Bateman, J.E. 1-14731
- Connolly, J.J. see Bass, N.M. 1-23230
- Connolly, L. Ultra-short period Cepheids in the LMC 1-44643
- Connor, J.N.L. Uniform semiclassical evaluation of Franck-Condon factors and inelastic atom-atom scattering amplitudes 1-46063
- Connor, J.N.L. see Clary, D.C. 1-21719
- Connor, J.N.L. see Garrett, B.C. 1-6343
- Connor, J.W. see Tang, W.M. 1-29863
- Connor, P.J. The distribution in time of muons within EAS 1-6107
- Conopask, J.V., Thomas, R. Market penetration potential of solar thermal technologies for four applications in the southwestern United States 1-35709
- Conrad, H., Ertl, G., Kuppers, J., Seeselman, W., Haberland, H. Deexcitation mechanisms in metastable He-surface collisions 1-21315
- Conrad, H., Wang, K.K. Solid solution strengthening of titanium by aluminum at low temperatures 1-31475
- Conrad, H., Yin, C., Sargent, G.A. The effect of minor additions of titanium on the fracture toughness of Fe-12 at.% Ni alloys at $-196^\circ C$ 1-39430
- Conrad, H. see Okazaki, K. 1-12802
- Conrad, J.R. Ion beamlet steering by aperture displacement in two-stage accelerators 1-10574
- Conrad, W.A. A new model of the vocal cords based on a collapsible tube analogy 1-17406
- Conradi, J. see Kim, H.B. 1-15281
- Conrads, T.J. Surveillance and in-service inspection (SISI) program at FFTF 1-18767
- Conradsen, K. see Prahm, L.P. 1-21948
- Conroy, J. see Gottlieb, M. 1-51603
- Conroy, J.J. see Brandt, G.B. 1-41885
- Conroy, M. see Garcia, M. 1-4996
- Console, R. see Caputo, M. 1-4459
- Consoli, M. see Antonelli, F. 1-50479
- Consoli, M. see Catara, F. 1-41139
- Consolmagno, G.J. Influence of the interplanetary magnetic field on cometary and primordial dust orbits: applications of Lorentz scattering 1-22669
- Consolmagno, G.J., Cameron, A.G.W. The origin of the 'FUN' anomalies and the high temperature inclusions in the Allende meteorite 1-22466
- Consortini, A. A method for the analysis of wave propagation in transversally inhomogeneous optical fibers 1-46557
- Consortini, A., Pandolfini, P., Romaneu, C., Vanni, R. Turbulence investigation at small scale by angle-of-arrival fluctuations of a laser beam 1-6466
- Consortini, A., Pasqualetti, F. On the use of different diffraction formulas in the investigation of open unstable resonators 1-1602
- Consortini, A. see Bertolotti, M. 1-40179
- Constant, E. see Zimmerman, J. 1-7684
- Constant, G.D. see Hulme, K.F. 1-33738
- Constantine, P., Tzanos, P., Hanan, N.A., Barthold, W.P. An evaluation of two-dimensional models in LMFBR analysis 1-50724
- Constantinesco, A., Schwerdt, H., Chambron, J. Testing device to determine the dynamic rheological properties of soft tissues in biaxial elongation 1-44056
- Constantinesco, A. see Schwerdt, H. 1-35800
- Constantinesco, G. see Bucurescu, D. 1-41078
- Constantinescu, M. see Ghita, C. 1-26230
- Conta, C., Fraternali, M., Gigli-Berzolari, F., Goggi, G., Livan, M., Mantovani, G.C., Pastore, F., Rimoldi, A. Analysis of double diffraction dissociation in nucleon-nucleon collisions at the CERN ISR 1-14418
- Conte, F. A numerical analysis of the Perey effect 1-45474
- Conte, R. see Bidaux, R. 1-26000
- Conte, R. see Villain, J. 1-20944
- Contel, J.-M. Le see Contel, J.-M.
- Conti, A. see Adamovich, M.I. 1-45317
- Conti, A. see Fiorino, A. 1-50583
- Conti, F., Mainieri, M. Net benefits of energy conservation in housing 1-39710
- Conti, M. Optimal design of front-contact metallization for photovoltaic solar cells 1-32022
- Conti, M., Modelli, A. Development of a high efficiency 2^n silicon solar cell for concentrator systems 1-35647
- Conti, P. see Massey, P. 1-44565
- Conti, P.S. Evolution of massive stars: when does an Of star become a WR star? 1-17859
- Conti, P.S., McCray, R. Strong stellar winds 1-4915
- Conti, P.S. see Garmany, C.D. 1-49718
- Conti, P.S. see Niemela, V.S. 1-49668
- Conti, P.S. see Noels, A. 1-36265
- Contin, A. see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Continentino, M.A. Longitudinal excitations in amorphous magnets 1-30931
- Continentino, M.A. Echoes in glasses 1-38486
- Contini, M., Kozlovsky, B.Z., Shaviv, G. The calculation of the optical spectra of the Cygnus Loop 1-36372
- Contini, V., Sacchetti, F. Electron-electron correlation in beryllium and related properties 1-34641
- Contogouris, A.P., Gaskell, R., Marleau, L. Corrections to quantum-chromodynamic Born terms. II. Transverse-momentum distribution of dileptons 1-514
- Contogouris, A.P., Marleau, L. Corrections to quantum-chromodynamic Born terms. I. Dilepton production and leptonproduction 1-513
- Contogouris, A.P., Marleau, L., Papadopoulos, S. Large $O(\alpha_s^2)$ corrections near the kinematic boundaries and the definition of the gluon density 1-10154
- Contopoulos, G., Michaelidis, P. Bifurcations of triple-periodic orbits 1-13674
- Contopoulos, G., Papayannopoulos, Th. Orbits in weak and strong bars 1-27566
- Contopoulos, G., Zikides, M. Periodic orbits and ergodic components of a resonant dynamical system 1-13670
- Contos, G. see Rancourt, J. 1-39783
- Contreras, J.G., Seguel, G.V., Honle, W. Tetrapropylammonium triiodomercurate (II). Structural and vibrational spectra 1-15883
- Contreras, K. see Noel, F. 1-9419
- Contreras, R.H., Kowalewski, V.J. Four-bond interproton spin-spin coupling in pyridines 1-14918
- Contreras, R.H. see Facelli, J.C. 1-24039
- Contri, R. see Barth, M. 1-41018, 1-45377
- Converse, J.G., Bossart, C. (editor) Analysis Instrumentation, vol.18. Proceedings of the 26th Annual ISA Analysis Instrumentation Symposium 1-27682
- Conversi, M. Lifetime of charmed hadrons produced in neutrino interactions 1-10199
- Conversi, M. see Allasia, D. 1-23495
- Convert, P. see Moisy-Maurice, V. 1-7279
- Convert, P. see Stamm, M. 1-42325
- Converti, J., Unkel, W.C. Plasma jet momentum in a tip-plane arc configuration 1-38161
- Conway, E.J., Heinbockel, J.H. GaAs solar cells for space applications 1-48854
- Conway, H.D. see Lee, H.C. 1-46678
- Conway, H.D. see Thornton, D.R. 1-19583
- Conway, J.C., Jr., Kirchner, H.P. The mechanics of crack initiation and propagation beneath a moving sharp indenter 1-26593
- Conway, J.G., Krupa, J.C., Delamoye, P., Genet, M. Spectrum and energy levels of Pr^{3+} in $TbBr_3$ 1-48119
- Conway, T.J. see Rahn, K.A. 1-9215
- Conwell, E. Decomposition of spin susceptibility of tetrathiafulvalenium-tetracyanoquinodimethane (TTF-TCNQ) and analogous compounds 1-12255
- Conwell, E.M. Band transport in quasi-one-dimensional conductors in the phonon-scattering regime and application to tetrathiafulvalene-tetracyanoquinodimethane 1-7600
- Conwell, E.M. Phonon scattering in quasi 1-D conductors: TTF-TCNQ 1-42761
- Conwell, E.M. Band-hopping transition in the quasi one-dimensional conductor TMTSF-DMTCNQ? 1-42835
- Conzelmann, H. see Romanek, K.M. 1-52592
- Conzelmann, H. see Weber, J. 1-47484
- Cook, A. Utilizing occupational exposure data to improve system design 1-28727
- Cook, A. see Soderblom, L. 1-36209
- Cook, A.F., Weekes, T.C., Williams, J.T. Flux of optical meteors down to $M_{\text{app}} = +12$ 1-27432
- Cook, A.F. see Collins, S.A. 1-22721
- Cook, A.H. Interiors of the planets 1-27691
- Cook, A.H. The Earth's gravity and its geological significance 1-27741
- Cook, A.H. Internal motions and the figures of planets 1-32645
- Cook, B.D. see Edwards, P.L. 1-11273
- Cook, C. see Stein, R.P. 1-5871
- Cook, C.F. An electrical demountable strain transducer 1-23221
- Cook, D.B. Electron affinities: a pure correlation effect? 1-41506
- Cook, D.B., Spangler, S.R. The production of flat radio spectra by superposition of source subcomponents 1-22907
- Cook, D.B. see Beavers, W.I. 1-54554
- Cook, D.L. see Ramirez, J.J. 1-6061
- Cook, E.G., Lauer, E.J., Reginato, L.L., Rogers, D., Schmidt, J.A. Subnanosecond trigger system for ETA 1-23876
- Cook, F.A., Brown, L.D., Oliver, J.E. The southern Appalachians and the growth of continents 1-32430
- Cook, G., Krogh, O.D. S_2-SO_2 energy transfer studied by matrix isolation in solid argon 1-48703
- Cook, G.E. see King-Hele, D.G. 1-32341
- Cook, G.R. see Goldman, A. 1-1221
- Cook, G.R. see Murray, F.J. 1-17687
- Cook, J. Solid angle subtended by two rectangles 1-28828
- Cook, J.-E.L., Ennis, C.A., Leck, T.J., Birks, J.W. Studies of reactions of ions in the stratosphere. IV. Rate constant for the reaction $Cl+HOCl \rightarrow HCl+ClO$ over the temperature range 243-365K 1-44245
- Cook, J.G. The Lorenz function of liquid potassium 1-30710
- Cook, J.G. Electron-electron scattering and the transport properties of liquid potassium 1-47600
- Cook, J.S., Dryden, J.S. Energy parameters for the migration of anion vacancies in alkali halides 1-2685
- Cook, J.S., Dryden, J.S. The activation energy for clustering of Ca^{2+} -vacancy pairs in NaCl and a comparison with the diffusion activation energy 1-52171
- Cook, J.W., Brueckner, G.E., VanHoosier, M.E. Comment on 'Variability of the far-infrared solar temperature minimum with the solar cycle' 1-36238
- Cook, J.W., Jr. see Overcash, D.R. 1-42673
- Cook, K.R. Sound insulation of domestic roofing systems. III 1-6712
- Cook, K.V. see Golan, S. 1-48592
- Cook, L.P. see Cole, J.D. 1-19741
- Cook, L.T., Fritz, S.L., DeSmet, A.A., Dwyer, S.J., III Applications in quantitative radiology 1-9016
- Cook, L.W., Tashima, M.M., Stillman, G.E. Variation of the thickness and composition of LPE InGaAsP, InGaAs, and InP layers grown from a finite melt by the step-cooling technique 1-47407
- Cook, M. see Case, D.A. 1-1105
- Cook, R.J. Theory of resonance-radiation pressure 1-1185
- Cook, R.J. Photon statistics in resonance fluorescence from laser deflection of an atomic beam 1-24375
- Cook, R.J. Photon number statistics in resonance fluorescence 1-46269
- Cook, R.J. see Afzar, M.N. 1-36679
- Cook, R.L. see Gearhart, H.L. 1-53737
- Cook, W.D. see Cavanagh, E. 1-46603
- Cooke, B. see Godwin, N.S. 1-33212
- Cooke, C.H. A simplified model for the viscous crossflow in a slotted test section 1-19804
- Cooke, C.M. Electrostatics of particle control in gas-insulated apparatus 1-20003
- Cooke, C.M. Test electrodes for measuring the intrinsic insulating strength of gases 1-20006
- Cooke, C.M. Electrical insulation reliability in gaseous systems 1-52021
- Cooke, C.M. see Lautenschlager, H.G. 1-37769
- Cooke, D.J. see Benlarbi, B. 1-1684
- Cooke, D.J. see Newton, L.M. 1-54538
- Cooke, D.W., Hogstrom, K.R. Additivity studies of X-ray and negative pion irradiations on the TL response of TLD-700 1-6040
- Cooke, D.W., Rhodes, J.F., Santi, R.S., Alexander, C., Jr. Thermoluminescence and emission spectra studies of 6-methylmercaptapurine and 6-methylmercaptopyurine riboside X irradiated at 10K 1-16614
- Cooke, F. Oddly shaped concave mirrors: how to make a number of them by the electroplating replica method 1-41893
- Cooke, H.B.S. see Berggren, W.A. 1-17571

- Cooke, J.M. *see* Jagodzinski, P.W. 1-37199
 Cooke, L. *see* Lewis, C.L.S. 1-29915
 Cooke, R. *see* Thomas, D.D. 1-26873
 Cooke, R.L. *see* Key, M.H. 1-25013
 Cooke, S. *see* Mullin, T. 1-42114
 Cooke, W.P. *see* Ryan, C.E., Jr. 1-17455
 Cooke-Yarborough, E.H. Operating experience with The Harwell thermo-mechanical generators 1-13156
 Cookson, A.H., Mastroianni, M.J. Electrical breakdown studies of SF_6/CO_2 /fluorocarbon mixtures 1-7033
 Cookson, A.H. *see* Dale, S.J. 1-7034, 1-20001
 Cookson, J.A. *see* Fowler, J.L. 1-10593
 Cookson, P. *see* Smith, D.A. 1-42458
 Cool, R.L. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
 Cool, T.A., Koffend, J.B. Two-photon excitation of indium atoms by photodissociation of InCl and InBr 1-51251
 Cool, T.A. *see* Brayman, H.C. 1-26720
 Cool, T.A. *see* Fischell, D.R. 1-26721
 Cooley, C.H. *see* Stottlemire, J.A. 1-53691
 Cooley, J.N., Swindle, D.W., Jr. Assessing the credibility of diverting through containment penetrations 1-14606
 Cooley, L.R. *see* Thompson, J.D. 1-41196
 Cools, R. *see* Salome, J.M. 1-37039
 Cooly, D'Hooghe, M., Hemon, D., Valleron, A.J., Malaise, E.P. Comparative effects of ionizing radiations on cycle time and mitotic duration. A time-lapse cinematography study 1-22075
 Coombe, D.A. *see* Snider, R.F. 1-46088
 Coombe, R.D., Wodarczyk, F.J. UV laser-induced deposition of metal films 1-39242
 Coombe, R.D., Wodarczyk, F.J., Horne, R.K. Energy transfer between electronically excited zinc and calcium atoms 1-46082
 Coombs, G.J. *see* Oitmaa, J. 1-34884
 Coon, D.D. *see* Chaudhuri, S. 1-14327
 Coon, M. *see* Baker, D.J., Jr. 1-13562
 Coon, S.A., Scadron, M.D. Goldberger-Treiman discrepancy and the momentum variation of the pion-nucleon form factor and pion decay constant 1-50664
 Cooney, P.J., Kanter, E.P., Vager, Z. Convenient numerical technique for solving the one-dimensional Schrödinger equation for bound states 1-27727
 Cooney, P.J. *see* Chamberlain, G.A. 1-35654
 Cooney, R.P., Mahoney, M.R., Howard, M.W. Intense Raman spectra of surface carbon and hydrocarbons on silver electrodes 1-28976
 Cooper, J.A.R. *see* Snider, R.F. 1-14976
 Cooper, A.A. *see* Woods, W.J. 1-821
 Cooper, A.J. *see* Berthomieu, G. 1-27469
 Cooper, A.L., Pierre, J.M., Turchi, P.J., Boris, J.P., Burton, R.L. Modeling of LINUS-type stabilized liner implosions 1-38136
 Cooper, A.L. *see* Turchi, P.J. 1-34110
 Cooper, A.R., Jr., Schut, R.J. Analysis of transient dissolution in $\text{CaO-Al}_2\text{O}_3\text{-SiO}_2$ 1-11867
 Cooper, A.R., Jr. *see* Yinnon, H. 1-42569
 Cooper, A.S. *see* Andrea, K. 1-42898
 Cooper, A.S. *see* Espinosa, G.P. 1-31327
 Cooper, A.W. *see* Crittenden, E.C., Jr. 1-22454
 Cooper, B.R., Siemann, R. Sources of anisotropy and extraordinary magnetic ordering in cerium and actinide intermetallics 1-25929
 Cooper, B.R., Vogt, O., Siemann, R. Singlet-ground-state ferromagnetism in $\text{U}_2\text{Y}_{1-x}\text{Sb}$: implications for valence of uranium and question of 5f moment localization 1-47911
 Cooper, B.R. *see* Siemann, R. 1-25854, 1-47877
 Cooper, B.R. *see* Yang, D. 1-26033
 Cooper, C.B., Saxena, R.R., Ludowise, M.I. OM VPE growth of AlGaSb and AlGaAsSb 1-21356
 Cooper, C.B., Woodyard, J.R. Low energy sputtering of neutral Cu_2 molecules 1-3556
 Cooper, C.B., III. *see* Saxena, R.R. 1-8706
 Cooper, D. Mechanical properties of a high strength steel 1-3869
 Cooper, D., Coirer, J.C. Landsat as a data source in the analysis of soil salinization on the Upper Nile 1-9192
 Cooper, D.A. *see* White, I.A. 1-11132
 Cooper, D.E., Klimcak, C.M., Wessel, J.E. Ion dip spectroscopy: a new technique of multiphoton ionization spectroscopy applied to I_2 1-37284
 Cooper, D.L., Richards, W.G. SiH: A doubling and 'core polarization' 1-37181
 Cooper, D.L., Richards, W.G. Spin splitting in BH^+ 1-45825
 Cooper, D.L., Richards, W.G. Spin-orbit coupling in CCN and CNC 1-45826
 Cooper, D.M., Langhoff, S.R. A theoretical study of selected singlet and triplet states of the CO molecule 1-45859
 Cooper, F. *see* Bender, C.M. 1-45150
 Cooper, G.A., Berlie, J., Merminod, A. A novel concept for a rock-breaking machine. II. Excavation techniques and experiments at larger scale 1-17023
 Cooper, G.A. *see* Ryhming, I. 1-17022
 Cooper, J. Scattering of electromagnetic fields by a moving boundary: the one-dimensional case 1-29175
 Cooper, J., Klimas, A. Boundary value problems for the Vlasov-Maxwell equation in one dimension 1-19864
 Cooper, J., Szoke, A. Effect of laser bandwidth on intense-field Raman scattering 1-24455
 Cooper, J. *see* Burnett, K. 1-14984, 1-14985, 1-14986
 Cooper, J. *see* Thomann, P. 1-6200
 Cooper, J.A. *see* Lloyd, T.C., Jr. 1-13269
 Cooper, J.F., Homsy, R.V., Landrum, J.H. The aluminum-air battery for electric vehicle propulsion 1-53597
 Cooper, J.F., Muller, R.H., Tobias, C.W. Periodic phenomena during anodic dissolution of copper at high current densities 1-7336
 Cooper, J.F., Simpson, J.A. Sources of high-energy protons in Saturn's magnetosphere 1-40395
 Cooper, J.F. *see* Chenette, D.L. 1-40394
 Cooper, L.N. *see* Berkan, E. 1-36581
 Cooper, M.J., Sakata, M., Rouse, K.D. The determination of structural parameters and their standard deviations from powder diffraction patterns 1-29959
 Cooper, M.J. *see* Albinati, A. 1-30204
 Cooper, P.I., Christie, E.A., Dunkle, R.V. A method of measuring sky temperature 1-54241
 Cooper, P.I., Dunkle, R.V. A non-linear flat-plate collector model 1-53665
 Cooper, P.S. *see* Heagy, S.M. 1-50433
 Cooper, R.D., Janes, A.F. Digital encoding technique for position sensitive X-ray detector 1-28818
 Cooper, R.F. *see* Swallow, D.W. 1-13146
 Cooper, R.F. *see* Turcotte, D.L. 1-27109
 Cooper, R.K. *see* Brau, C.A. 1-15142
 Cooper, S. *see* Abrams, G.S. 1-10242, 1-50450
 Cooper, S. *see* Dorfan, J.M. 1-41020
 Cooper, S. *see* Himel, T.M. 1-18482
 Cooper, S. *see* Scharre, D.L. 1-18485, 1-45292
 Cooper, S.A., Nicholson, P.S. Influence of glass redox conditions on the corrosion of fusion-cast chrome-alumina refractories 1-31691
 Cooper, S.C. *see* Abrams, G.S. 1-10208
 Cooper, S.L. *see* Hesketh, T.R. 1-35277
 Cooper, S.L. *see* Vallance, M. 1-9996
 Cooper, S.L. *see* Van Bogart, J.W.C. 1-34248
 Cooper, W.A., Bateman, G., Nelson, D.B., Kam-mash, T. Neutral beam effects on Tokamak ballooning mode stability 1-46883
 Cooper, W.A., Marwitz, J.D. Winter storms over the San Juan Mountains. III. Seeding potential 1-49352
 Cooper, W.A., Saunders, C.P.R. Winter storms over the San Juan Mountains. II. Microphysical processes 1-49351
 Cooper, W.D., Zweigson, R.B. Materials testing and automation 1-35457
 Cooper, W.S. *see* Burrell, C.F. 1-23315
 Cooperstock, F.I., Sarracino, R.S., Bayin, S.S. The localization of energy in general relativity. II 1-27833
 Cooperstock, F.I. *see* Bayin, S.S. 1-27639
 Coover, S.R., Reist, P.C. Acoustical particle sizing device 1-27256
 Cope, F.W. Magnetic flux trapping in double diazo and other dyes as evidence for possible superconduction at room temperatures 1-16403
 Cope, F.W. Magnetic monopole currents in flowing water detected experimentally by inverse Ampere law and by Josephson junction. Implications for magnetic water and for immune processes at magnetic electrodes 1-16456
 Copeland, G.L., Heestand, R.L., Mateer, R.S. Melting mixed-metal scrap reduces volume and contamination level 1-5915
 Copeland, J.A. *see* Bergh, A.A. 1-11167
 Copenhagen, D.R. *see* Ashmore, J.F. 1-17389
 Copestake, A., Evans, R., Telo Da Gama, M.M. A model for the structure of some semiconducting liquid alloys. Evidence for ionic bonding 1-25149
 Copic, M., Zgonik, M., Lavrencic, B.B. Light scattering cell for studying crystals under uniaxial stress 1-14131
 Coplan, M.A. *see* Ogilvie, K.W. 1-40297
 Coplan, M.A. *see* Tossell, J.A. 1-41391
 Copley, A.L. Biorheology: past, present and future 1-8891
 Copley, J.R.D. Monte Carlo calculation of multiple scattering effects in thermal neutron scattering experiments: improved computation of elastic coherent scattering intensities 1-50705
 Copley, J.R.D. *see* Soderstrom, O. 1-30037
 Copley, S.M. *see* Singh, H.B. 1-48490
 Coppa, G., di Vita, P. Determination of index dispersion in optical fibres from DMD measurement 1-19438
 Coppa, N. *see* Goodisman, J. 1-46951
 Coppage, D. *see* Derrick, M. 1-45261
 Coppens, A.B. *see* Trenchard, S.E. 1-11222
 Coppens, P., Leung, P., Murphy, K.E., Tilborg, P.R., Epstein, A.J., Miller, J.S. A fully ordered phase of the mixed valency complex of trimethylamine with 7,7,8,8-Tetracyano-p-quinodimethane and iodine 1-2410
 Coppens, P. *see* Kontio, A. 1-42340
 Coppens, P. *see* Moss, G. 1-7154
 Copper, D.L., Richards, W.G. Spin-orbit coupling and A-doubling in LiO 1-1077
 Coppersmith, K.J. *see* Cluff, L.S. 1-49211
 Coppersmith, S.N., Fisher, D.S., Halperin, B.I., Lee, P.A., Brinkman, W.F. Dislocations and the commensurate-incommensurate transition in two dimensions 1-42634
 Coppi, B. *see* Antonsen, T.M., Jr. 1-42164
 Copple, A.C. *see* Cann, R.G. 1-24630
 Coppock, R.A., Croce, R.F. Wideband acousto-optical photo-recording 1-46249
 Coppolino, S. *see* Barbaro, S. 1-9223
 Copps, T.P. *see* Szekely, J.G. 1-26957
 Coqblin, B. *see* Benoit, A. 1-30898
 Coqblin, B. *see* Bhattacharjee, A.K. 1-25902
 Coqblin, B. *see* Leger, J.M. 1-34731
 Coquereaux, R. *see* Bauleuc, L. 1-14305
 Coquerelle, T. *see* Weibezahn, K.F. 1-22067
 Coradini, M., Flamini, E. An assessment of the studies on nonterrestrial frozen ground 1-44461
 Coradini, M. *see* Bianchi, R. 1-44458
 Corato, M. *see* Di Corato, M.
 Corbel, C., Bigot, J. Dopant-vacancy interaction in dilute Au alloys quenched at 4.2K 1-2500
 Corbett, F. *see* Benton, J.R. 1-24365
 Corbett, F. *see* Tuft, R. 1-46247
 Corbett, J.M. *see* Boswell, F.W. 1-30008
 Corbett, J.M. *see* Yacobi, B.G. 1-42640
 Corbett, J.W., Jaworowski, A., Kleinhenz, R.L., Pierce, C.B., Wilsey, N.D. Photodegradation in silicon 1-13135
 Corbett, J.W. *see* Ehrlein, G.S. 1-38397
 Corbin, O., Vanderchmitt, A., Lucas, M. Ruthenium in fuel reprocessing by fluoride volatility process. II. Ruthenium species appearing in fluorination step as identified by thermochromatography and IR measurements 1-18848
 Corbin, R.G. *see* Baker, M.B. 1-22464
 Corbo, G. *see* Antonelli, F. 1-50479
 Corchia, M., Righini, F. Kinetic aspects of the phase transformations in Zircaloy-2 1-53170
 Corcioci, A. *see* Apostol, M. 1-42707
 Corcoran, M., Ems, S.C., Gray, S.W., Lepore, R.M., Neal, H.A., Ogren, H.A., Polvado, R.O., Rust, D.R., Sauer, J.R., Walters, G.A. Proton polarization in pp elastic and inclusive processes at beam momenta from 20 to 400 GeV/c 1-33204
 Corcoran, R.A., Kaloustian, A., Keenan, W.A., Morton, W.O. Determination of electrical area of MOS structures 1-38855
 Corcoran, W.R., Burchill, W.E., Pfeifer, J.W. CE response to TMI regulatory requirements 1-10503
 Corcoran, W.R., Finnich, D.J., Hubbard, F.R., III, Musick, C.R., Walzer, P.F. The operator's role and safety functions 1-50902
 Cordaro, J.F. *see* Kelly, J.E., III. 1-20446
 Cordaro, J.T. *see* Cho, K.S. 1-29182
 Cordaro, J.T. *see* Davis, W.A. 1-1466
 Cordaro-Stone, M. *see* Meneghini, R. 1-32192
 Cordell, B.M. Martian climatic change: a magnetic trigger? 1-44459
 Cordell, K.R., Thornton, S.T., Dennis, L.C., Doering, R.R., Parks, R.S., Schweitzer, T.C. Proton-inclusive cross sections from 600 MeV proton-nucleus reactions 1-50596
 Cordell, K.R. *see* Parks, R.L. 1-10400
 Cordell, K.R. *see* Wiedner, C.-A. 1-18593
 Cordelli, M. *see* Bartalucci, S. 1-28793
 Corden, M., Dowell, J.D., Garvey, J.G., Homer, R.J., Jobs, M., Kenyon, I.R., McMahon, T.J., Owen, R.C., Sumorok, K.C.T.O., Vallance, R.J., Watkins, P.M., Sanderger, P., Chaurand, B., Romana, A., Salmeron, R. Production of muon pairs in the continuum region by 39.5 GeV/c π^+ , K^+ , p and p beams incident on a tungsten target 1-14429
 Corden, M.J., Dowell, J.D., Garvey, J., Homer, R.J., Jobs, M., Kenyon, I.R., McMahon, T., Owen, R.C., Sumorok, K.C.T.O., Vallance, R.J., Watkins, P.M., Wilson, J.A., Sanderger, P., Chaurand, B., Romana, A., Salmeron, R. Experimental results on J/ψ production by π^+ , K^+ , p and p beams at 39.5 GeV 1-14428
 Corden, M.J., Dowell, J.D., Garvey, J., Homer, R.J., Jobs, M., Kenyon, I.R., McMahon, T., Owen, R.C., Sumorok, K.C.T.O., Vallance, R.J., Watkins, P.M., Wilson, J.A., Sanderger, P., Chaurand, B., Romana, A., Salmeron, R. Experimental results on J/ψ production by π^+ , K^+ , p and p beams at 39.5 GeV/c 1-28352
 Corderman, R.R. *see* Feigler, C.S. 1-45915, 1-46149
 Cordes, C., Atkinson, L., Lee, R., Blanton, J. Pelagic tar off Georgia and Florida in relation to physical processes 1-49288
 Cordes, J.G., Calkin, M.G. Photoionisation and the Born approximation 1-10700
 Cordes, J.M., Helfand, D.J. Pulsar timing. III. Timing noise of 50 pulsars 1-9544
 Cordes, J.M. *see* Ferguson, D.C. 1-49700
 Cordier, A. *see* Bizot, J.C. 1-10243
 Cordier, A. *see* Courau, A. 1-14440

- Cordier, A. see Delcourt, B. 1-45329
 Cordier, A. see Mane, F. 1-45330
 Cordier, J.P. see Merigan, L.M. 1-50850
 Cordier, P. see Baird, J.K. 1-51235
 Cordier, P. see Berlin, Yu.A. 1-26723
 Cordoba, D. see Banda, E. 1-9122
 Cordoba, D. see Juteau, T. 1-27151
 Cordova, F.A. see Nousek, J.A. 1-49856
 Cordova, F.A. see Szkody, P. 1-49715
 Cordovilla, C.G. see Louis, E. 1-30718
 Cords, D. see Bartel, W. 1-18500, 1-45253, 1-45254
 Cords, D. see O'Neill, L.H., Jr. 1-50443
 Cordts, B., Pease, D.M., Azaroff, L.V. X-ray spectra, magnetic moments, and band theories of Cu-Ni alloys 1-26307
 Cordwell, J.E. see Bolton, C.J. 1-35394
 Coret, A. see Haydar, A. 1-3013
 Corey, B.E. see Robertson, D.S. 1-44085
 Corey, D.P., Hudspeth, A.J. Mechanical stimulation and micromanipulation with piezoelectric bimorph elements 1-49172
 Corish, J., Mulcahy, D.C.A. The ionic conductivity of cadmium-doped silver chloride crystals 1-30452
 Corish, J. see Catlow, C.R.A. 1-42376
 Corish, P.J. Elastomer architecture: the relation of elastomer micro- and macrostructure to compound properties 1-11698
 Corkum, P.B. see Alcock, A.J. 1-19371
 Corkum, P.B. see Baldis, H.A. 1-6973
 Corkum, P.B. see Joshi, C. 1-41730
 Corle, R.R. see Beitscher, S. 1-8392
 Corley, L.S., Vogl, O. Optically active polychloral 1-39062
 Corliss, D.A., West, S.S., Golden, J.F. Calibration of a microspectrofluorophotometer in absolute units of radiation 1-10018
 Corliss, L.M. see Hastings, J.M. 1-3176
 Corma, F., Lambies, V. UV investigation of some inorganic pigments of Co(II) 1-16581
 Cormary, Y. see Iris, P. 1-53692
 Cormault, P. see Carpentier, L. 1-842
 Cormault, P. see Hashemian, H.M. 1-28534
 Cormault, P. see Zwinglestein, G. 1-27979
 Cornell, L., Owens, J.F. High- p_T production of direct photons and jets in quantum chromodynamics 1-10153
 Cormier, P. see Laclaire, F. 1-49507
 Cormier, T.M. see Fulton, B.R. 1-18667
 Cormier, V.C. see Lundquist, G.M. 1-22252
 Cormier, V.F. The synthesis of complete seismograms in an Earth model specified by radially inhomogeneous layers 1-22226
 Cornbleet, S. Flat disc, radially nonhomogeneous, lenses 1-24471
 Cornbleet, S., Rinous, P.J. Generalised formulas for equivalent geodesic and nonuniform refractive lenses 1-51640
 Cornea, F., Cercasov, C., Ciureanu, M. Infrared spectra of several thiopiperidines and thiomorpholides 1-1237
 Cornea, I., Misticu, M., Cojocaru, E., Vaicam, A., Stefea, V. Directivity effects of elastic wave radiations induced by multiple shocks. Application to the earthquake of March 4, 1977 1-27089
 Cornea, A., Amstutz, H., Seeger, T. Elastic-plastic strains in cracked disks which are subjected to a tensile stress—A comparison between the finite-element method and the Dugdale model 1-41985
 Cornille, H.-P., Haaf, S. Organic Rankine cycles (ORC) for the conversion of waste heat and solar heat into mechanical energy 1-35696
 Cornelis, J. see Brosens, F. 1-11824
 Cornelis, J. see De Schepper, L. 1-20191
 Cornelis, K. see Huyse, M. 1-41072
 Cornelison, S.G., Hadjipanayis, G., Sellmyer, D.J. Magnetic properties of uranium-transition-metal glasses 1-3148
 Cornelison, S.G. see Hadjipanayis, G. 1-25991
 Cornelison, S.G. see Sellmyer, D.J. 1-3149
 Cornelius, C.A., Smith, T.F. Low-temperature Hall coefficient for α -U and some dilute U-Mo solid solutions 1-2945
 Cornelius, P.A., Harris, C.B. Role of self-phase modulation in stimulated Raman scattering from more than one mode 1-51547
 Cornelius, P.A. see Marks, S. 1-8056
 Corneliusen, R.D. see Zewi, K.G. 1-53275
 Cornell, B.A., Francis, G.W. Acyl chain order in aligned lipid bilayers measured by natural-abundance proton-enhanced carbon-13 magnetic resonance 1-21979
 Cornell, M.C. see Sierra, R.A. 1-38156
 Cornell, R.M. see Sawbridge, P.T. 1-20259
 Cornella, R.J. see Bretschier, M.M. 1-50863
 Cornella, R.J. see Komoriya, J. 1-50771
 Cornet, A. see Collet, J. 1-48157
 Cornet, A. see Defrance, P. 1-29121
 Cornet, A. see Pugnet, M. 1-8129
 Cornet, E., Davis, H.A., Rienstra, W.W., Sloan, M.L., Starke, T.P., Ugium, J.R. Production of large-amplitude cyclotron waves on an intense relativistic-electron beam for collective ion acceleration 1-46920
 Cornet, E. see Davis, H.A. 1-1478
 Cornet, M., Talbot-Besnard, S. Influence of carbon in solid solution upon the hydrogen effects on the deformation and the fracture of pure iron single crystals 1-43474
 Cornet, R., Landsberg, B.M., Winnewisser, G. A precise study of the rotational spectrum of formaldehyde $H_2^{13}C^{18}O$ and $H_2^{13}C^{17}O$ 1-1207
 Cornette, W.M. Suggested modification to the total volume molecular scattering coefficient in LOWTRAN 1-9242
 Cornhill, C.V. A novel hydrophone manipulating mechanism 1-37760
 Cornhill, J.F. see Neren, R.M. 1-22043
 Cornia, A. see Bergia, S. 1-18057
 Cornille, H. On the Krook-Wu model of the Boltzmann equation 1-9952
 Cornille, H., Gervois, A. Solutions of the Boltzmann equation for Maxwell interactions and singular angle-dependent cross sections 1-9953
 Cornille, H., Gervois, A. Power-like decreasing solutions of the non-linear Boltzmann equation corresponding to Maxwellian interaction 1-9956
 Cornille, H., Gervois, A. Power-like decreasing solutions of the linearized Boltzmann equation for neutron thermalization and hard sphere interactions 1-18710
 Cornille, H., Gervois, A. Solutions of linear Boltzmann equation decreasing like powers of the velocity in the case of thermalization of neutrons and interaction of hard spheres 1-36585
 Cornille, H. see Barnsley, M. 1-27903
 Cornils, B., Hibbe, J., Ruprecht, P., Langhoff, J., Durrell, R. Raw materials and energy from coal gasification: the demonstration plant of the Ruhrchemie/Ruhrkohle for the Texaco coal gasification 1-17145
 Cornish, D.C., Timmermans, F.A.G. Laboratory procedures for the maintenance of evaluation quality 1-32973
 Cornish, D.N. see Zbasnik, J.P. 1-51993
 Cornish, L.S. see Ma, R.Y.P. 1-4376, 1-32310
 Corno, S.E., Manzo, G., Ravetto, P., Riccena, R. Analytical methods in local reactor dynamics and validation of the quasi-static approximation 1-14573
 Cornwall, J.M. Confinement and chiral-symmetry breakdown: estimates of F_π and of effective quark masses 1-5594
 Cornwall, L.R. see Meyers, M.A. 1-12819
 Coron, N. see Boisse, P. 1-54618
 Coronas, A. see Villarrubia, M. 1-8681
 Coroniti, F.V. On the tearing mode in quasi-neutral sheets 1-40277
 Corp, D. see Hornstra, F. 1-53606
 Corpus, J.R. see Nelson, M.E. 1-8768
 Corr, J. see Marche, P. 1-36028
 Corradi, L. On compatible finite element models for elastic plastic analysis 1-1839
 Corradini, M.L. Phenomenological modeling of small-scale steam explosion experiments 1-5943
 Corradini, M.L. A one-dimensional transient model for analyzing large-scale steam explosion experiments 1-50800
 Corre, A., Plumm, H., Wuthrick, J.-P. A calculated trigger with MBNIM electronics 1-45798
 Corre, C. Le see Le Corre, C.
 Corre, J.F. Le see Le Corre, J.F.
 Corredor, I.H., Chornik, B., Ishizaki, K. Correlation study of hardness and nitrogen concentration in nitrified steel by Auger electron spectroscopy 1-53283
 Correig, A.M. Regional variation of Rayleigh wave attenuation coefficients in the eastern Pacific 1-4651
 Correll, F.D., Ohlsen, G.G., Brown, R.E., Hardkopf, R.A., Jarmie, N., Doleschall, P. Kinematically incomplete three-nucleon breakup reaction $^1H(d,p)n$ at 16 MeV 1-45513
 Correll, F.D. see Ohlsen, G.G. 1-28456
 Correns, H.-J. see Buchali, K. 1-4309
 Corrigan, D.C. see Baum, P.W. 1-18765
 Corrigan, E., Goddard, P. Some aspects of instabilities 1-33113
 Corrsin, S. see Sreenivasan, K.R. 1-11375
 Corrsin, S. see Tavoularis, S. 1-51760, 1-51761
 Corruccini, L.R., Osheroff, D.D. Observation of second sound in $^3He-A_1$ 1-30513
 Corruccini, L.R. see Osheroff, D.D. 1-47326
 Corruzi Optical fibres 1-15271
 Corry, W.D., Defendi, V. Centrifugal assessment of cell adhesion 1-53943
 Corsanigo, A., Tafari, A. Alternative energy techniques for equilibrium stability problems 1-46685
 Corsepheus, H.W. Ultrasonic test technique for the practitioner. XXIX 1-26697
 Corsepheus, H.W. Ultrasonic test technique for the technician. XXX 1-33861
 Corsepheus, H.-W. Ultrasonic testing for the practitioner. XXVIII 1-21679
 Corsepheus, H.-W. Practical ultrasonic testing. XXXII 1-31794
 Corset, J. see Omura, Y. 1-46162
 Corset, J. see Vogel, C. 1-30551
 Corsi, C.E. see Altamore, A. 1-9487
 Corsi, F. see Castagnolo, B. 1-32299
 Corsi, F. see Orifici, L. 1-50717
 Corsover, S., Dobbins, L. A high resolution in-line rapid wet processed laser recorder 1-45054
 Cort, B., Naugle, D.G. Evidence for a phase transition in bis(tetrathiotetracene) triiodide 1-52313
 Cort, G., Naugle, D.G. Proximity effect: amorphous Sn-Fe, amorphous Bi-Fe films 1-42919
 Corteggiani, J.P. see Gay, J. 1-4791
 Corteggiani, J.-P. see Gay, J. 1-4792
 Cortes, G. see Gutierrez-Moreno, A. 1-27502
 Cortes, J.L., Guillen, J.S. Symmetry breaking as configuration mixing 1-10157
 Cortes, R. see Badiali, J.P. 1-31231
 Cortes, R. see Bererhi, A. 1-30034
 Cortes, R. see Bizio, A. 1-46985
 Cortes, T. Roca see Roca Cortes, T.
 Cortese, C. see Bostick, W.H. 1-34060
 Cortese, D.A. see Kinsey, J.H. 1-13310
 Corti, S. The problem of Abel inversion in the determination of plasma density from phase measurements 1-2148
 Corum, J.F. Relativistic covariance and rotational electrodynamics 1-453
 Corvaja, C. see Colligiani, A. 1-43037
 Corvaja, C. see Pasimeni, L. 1-12404
 Corvisiero, P., Ricco, G., Sanzone, M., Zucchiatti, A. Radiative proton capture above the giant-dipole resonance in ^{12}C 1-5751
 Coryell, E.W. see Tolman, E.L. 1-5948
 Cosa, M. see Capone, P. 1-4913
 Cosandey, F. see Marlin, R.T. 1-26559
 Cosart, W.P. see Gersten, K. 1-29687
 Cosby, P.C. see Grieman, F.J. 1-1142
 Cosby, P.C. see Helm, H. 1-10793
 Cosby, P.C. see Moseley, J.T. 1-37178
 Cosentino, L. see Alberto, J.A. 1-22175
 Cosenza, G., Neri, F. On the stability in non-Abelian gauge theories with constant magnetic flux 1-28174
 Cosenza, M., Herrera, L., Esculpi, M., Witten, L. Some models of anisotropic spheres in general relativity 1-50000
 Cosgrove, P.S. see Gibbons, D.T. 1-32214
 Cosgrove, C.M. Relationships between the group-theoretic and soliton-theoretic techniques for generating stationary axisymmetric gravitational solutions 1-145
 Cosier, J., Glazer, A.M., Hastings, T.J., Smith, D.T., Wood, I.G. Microprocessor control of high-temperature X-ray diffraction experiments 1-33084
 Cosler, A., Kurz, R., Waidmann, G. Design, fabrication and testing of magnetic field diagnostic components for implantation into the TEXTOR Tokamak 1-2258
 Coslov, L., Righini, F. Fast determination of the nonlinearity of photodetectors 1-5374
 Cosma, B.T. Determining the concentration and temperature of electrons in wire-triggered pulsed CO_2 discharge transversal lasers 1-15148
 Cosma, B.T. Simple measurement method of the amplification coefficient of laser radiation in a transversal discharge in the gas mixture $CO_2/N_2/He$ 1-15149
 Cosmovici, C.B. Extraterrestrial molecules: present and future observations from space 1-54370
 Coss, A.J. see Dewey, W.C. 1-53831
 Cossairt, R.D. see Janacke, J. 1-36924
 Cossalter, V. see Angrilli, F. 1-41815
 Cosse, C., Fouassier, M., Mejean, T., Tranquille, M., DiLella, D.P., Moskovits, M. Ditanium and divanadium [Raman spectra] 1-33466
 Cosse-Barbi, A. Effect of alkyl substituents on electronic transition energies, access to anisotropic polarisability in excited states 1-51083
 Cosslett, V.E. The development of electron microscopy and related techniques at the Cavendish Laboratory, Cambridge, 1946-79. II 1-49929
 Cosslett, V.E., Fathy, D., Sparrow, T.G., Valdre, U. Investigation of semiconductor materials and devices by high voltage STEM techniques 1-390
 Cosslett, V.E. see El-Sayed, K. 1-15932
 Cossus, L. see Maingnet, M. 1-49273
 Cost, T.L. see Weeks, G.E. 1-1827
 Costa see Armstrong 1-10254
 Costa, B., Sordo, B., Menaglia, U., Piccari, L., Grasso, G. Comparison of attenuation measurements performed by the back-scattering technique with different experimental set-ups [optical fibres] 1-11447
 Costa, B. see Calzavara, M. 1-11157
 Costa, E. see Wroblewski, H. 1-36423
 Costa, G., Donald, R.A., Edwards, D.N., Evangelista, C., French, B.R., Ghidini, B., Houlden, M.A., Hughes, I.S., Lewis, G.M., Mandelli, L., Mattig, P., Mitoraj, W.A., Muller, K., Palano, A., Paul, E., Pensotti, S., Perini, L., Picciarelli, V., Ruhmer, W., Turnbull, R.M. An amplitude analysis of the K^+K^- system produced in the reaction $\pi^-p \rightarrow K^+K^-n$ at 10 GeV/c 1-23516

- Costa, G., Kabir, P. Factorization in extended electroweak gauge models 1-50369
- Costa, G. see Bruzzone, G. 1-43814
- Costa, G. see Di Gennaro, V. 1-5660
- Costa, G. see Evangelista, C. 1-23515
- Costa, G. da see da Costa, G.
- Costa, G. da see Da Costa, G.
- Costa, J.L. see Eanes, E.D. 1-23397
- Costa, J.M. da see da Costa, J.M.
- Costa, J.M.L. see Bochove, E. 1-6693
- Costa, L.N. da see Da Costa, L.N.
- Costa, M.M.R., Ziebeck, K.R.A., Brown, P.J. A study of the magnetic structures of chromium-silicon solid solutions 1-25881
- Costa, M.M.R.R. see Alte Da Veiga, L.M. 1-46948
- Costa, P. see Caudron, R. 1-42970
- Costa, P. see Chaux, C. 1-16862
- Costa, P. see Lasalmonie, A. 1-30236
- Costa, R.C.T. da see Da Costa, R.C.T.
- Costa, S. see Bonazzola, G.C. 1-18906
- Costa, S. see Stanovnik, A. 1-23950
- Costa, V. see Gimenez, A. 1-49733
- Costa de Beauregard, O. Answer to Selleri and Vigier 1-32870
- Costa Viana, C.S. da see da Costa Viana, C.S.
- Costa-Ribeiro, C. see Trindade, H.A. 1-17331
- Costabile, G. see Kautz, R.L. 1-50156
- Costain, C.H. see Harris, D.E. 1-22905
- Coste, J. Iterations of transformations on the unit interval: approach to a periodic attractor 1-36561
- Coste, J. Four-mode coupling model for the Rayleigh-Benard convection 1-42050
- Coste, J. see Tresser, C. 1-50061
- Costello, D., Rappaport, P. The technological and economic development of photovoltaics 1-39778
- Costello, J.M. Nuclear waste disposal 1-792
- Costello, J.M. Nuclear waste disposal 1-50787
- Coster, J. see Bowen, M. 1-27730
- Coster, M., Chermant, J.L. Image analysis using a table digitizer. I. Programming fundamental quantities in local analysis 1-8519
- Coster, M. see Chermant, J.L. 1-53149
- Coster, M. see Chermant, J.-L. 1-53116
- Costero, R. see Carrasco, L. 1-36281
- Costich, T. see Williams, E.W. 1-4199
- Costin, I.S. see Barnes, G.T. 1-30524
- Costley, A.E. see Beunen, J.A. 1-50242
- Cot, C., Teitelbaum, H. Generation of gravity waves by inhomogeneous heating of the atmosphere 1-27324
- Cotanch, S.R. Reciprocity relation for multichannel coupling kernels 1-36932
- Cotanch, S.R. Neutron densities from K^+ meson scattering 1-45416
- Cotanch, S.R. see Byrd, R.C. 1-28476
- Cote, D. see Hovey, R.L. 1-40182
- Cote-Dunajewski, T. Sound attenuation on the neck localisation for a resonator branched on a duct 1-11221
- Cotman, R.N. see Clearfield, A. 1-31374
- Cotsafitis, M. Nonlinear equilibrium and stability of a toroidal plasma inside its vessel 1-915
- Cottam, M.G. see Mischler, G. 1-48070
- Cottam, M.G. see Psaltakis, G.C. 1-18148
- Cottam, P.F. see Gent, M.P.N. 1-39899
- Cotter, D. see Wyatt, R. 1-29342
- Cotter, D. see Zapka, W. 1-41781
- Cotter, J. see Wood, J.G. 1-8523
- Cotterell, B. see Mai, Y.W. 1-31533
- Cotterell, R.M.J. The dislocation theory of melting: history, status, and prognosis 1-7302
- Cotterell, R.M.J., Madsen, J.U. Evidence against a crystal instability in melting 1-20362
- Cotterell, R.M.J., Madsen, J.U. Crystal-liquid instability and pressure-induced glass transition 1-38491
- Cottet, F. see Romain, J.P. 1-38457
- Cotter, A.A. Theory of tunneling into size-quantised films with application to lead 1-30810
- Cottingham, W.B., Holtkamp, D.B. Energy dependence of pion elastic scattering from nuclei across the (3,3) resonance 1-18683
- Cottingham, W.B. see Morris, C.L. 1-723, 1-50498
- Cottingham, W.N. see Alcock, J.W. 1-36839
- Cotton, A. see Gregg, D.W. 1-8687
- Cotton, A.P., West, J.R. Field measurement of transverse diffusion in unidirectional flow in a wide, straight channel 1-44226
- Cotton, F.A. see Bursten, B.E. 1-41305
- Cotton, W.D. see Robertson, D.S. 1-44085
- Cotton, W.R. see Tripoli, G.J. 1-54185
- Cottrell, P.L., Greenstein, J.L. Calcium and magnesium (?) in the helium white dwarf GD 401 1-49643
- Cotts, R.M. see Mauger, P. 1-20442
- Cotta, J.P. see Chomel, P. 1-31471
- Cotta, J.P. see Peyrade, J.P. 1-26487
- Couch, M. see Khoder, A. 1-25376
- Couanon, J.C. see Mouton, H. 1-37767
- Couch, W.E. An approximation scheme for scalar waves in a Kerr geometry 1-9893
- Couch, W.J., Newell, E.B. A photometric system for limiting JF photography. I. The primary standards 1-27397
- Couchman, B. see Abrams, G.S. 1-10242, 1-50450
- Couchman, D.L.V. see Barber, P.B. 1-15326
- Couderc, H., Gorenflot, R. Three-dimensional display, stereometric study and automatic graphics reconstruction of cell organelles 1-9065
- Coudere, J.P. see Chhun, T. 1-19794
- Coudray, C. On transparent potentials: a Born approximation study 1-5143
- Couget, A. see Mamy, R. 1-38700
- Couillard, D., Cluis, D.A. Generation of polluting loads within river basins 1-39850
- Couillaud, B., Bloomfield, L.A., Lawler, J.E., Siegel, A., Hansch, T.W. Saturation spectroscopy of ultraviolet transitions in mercury with a frequency-doubled CW ring dye laser 1-24462
- Couillaud, B. see Hansch, T.W. 1-24437
- Coulareau, E. see Comby, G. 1-14759
- Coulard, G. see Hoo, N. 1-37153
- Coulbert, C.D., Gupta, A., Pitts, J.N. UV actinometer film 1-36736
- Coulet, A.L., Billia, B., Capella, I. Cell size of dilute binary alloys 1-11707
- Coulet, P. see Arneodo, A. 1-9819, 1-36570
- Coulman, C.E. Diurnal evolution of properties of the sub-cloud layer over land 1-13508
- Coulomb, J.P., Bienfait, M., Thorel, P. Mobility measurements of two kinds of two-dimensional fluids. Methane adsorbed on graphite 1-52416
- Coulomb, J.P., Suzanne, J., Bienfait, M., Matecki, M., Thomay, A., Croset, B., Marti, C. Two-dimensional polymorphism and melting in a monolayer of nitric oxide adsorbed on graphite 1-11974
- Coulomb, P. Influence of texture on the collective properties of surfaces and interfaces 1-35275
- Coulomb, P. see Durand, L. 1-48445
- Coulombeau, C. see Brunel, Y. 1-46158
- Coulon, A., Jean-Louis, M. Effect of density on the induced near infrared absorption spectrum of solid molecular hydrogen at 4.2K 1-39103
- Coulon, C. see Alcaer, L. 1-11740
- Coulon, C. see Barois, P. 1-46994
- Coulon, R. see Montauti, G. 1-6923, 1-6924
- Coulon, R. see Moynault, J.M. 1-24193
- Coulon, R. see Moynault, J.-M. 1-51245
- Coulson, K.L. Characteristics of skylight at the zenith during twilight as indicators of atmospheric turbidity. I. Degree of polarization 1-13566
- Coulter, C.A., Parkin, D.M. Total and net displacement functions for monatomic materials 1-20284
- Coulter, P.G., Datars, W.R. Open orbits in potassium 1-2860
- Counselman, C.C. see Robertson, D.S. 1-44085
- Coutee, C.R., Draayer, J.P., Halemane, T.R., Kar, K. Shell-model studies of statistical approximations to model interactions 1-50546
- Coupat, B. see Balestri, B. 1-28343
- Coupland, M. see Watts, S.J. 1-5648, 1-23518
- Coupland, R.E. see Bangert, V. 1-39981
- Couray, M.F. see Burkhardt, C. 1-27513
- Courau, A., Falvard, A., Haissinski, J., Jousset, J., Michel, B., Montarou, G., Montret, J.C., Cordier, A., Delcourt, B., Mane, F. Measurement of lepton and pion pair production in photon-photon collisions at DCI 1-14440
- Courbage, M., Misra, B. On the equivalence between Bernoulli dynamical systems and stochastic Markov processes 1-27876
- Courgenis, C. see Georgantopoulos, G.A. 1-54356
- Coursey, B.M. see Unterwieser, M.P. 1-18902
- Court, G.R., Craven, B., Gamet, R., Hayman, P.J. The use of a polarized target in a high intensity photon beam 1-23906
- Court, G.R. see Aubert, J.J. 1-5630
- Court, H., Davies, A.R., Walters, K. Long-range memory effects in flows involving abrupt changes in geometry. IV. Numerical simulation using integral rheological models 1-37976
- Court, M. see Blandenet, G. 1-53103
- Courtens, E. Birefringence measurements on $\text{KTaO}_3\text{:Li}$ 1-35009
- Courtes, E. see Michel, K.H. 1-42330
- Courthold, M.J. see Davies, P.G. 1-22378
- Courths, R. see Gerard, P. 1-8043
- Courtiou, J., Gounelle, Y., Jullien, J., Gonord, P., Kan, S.K., Le Perche, P. NMR of nematic phase at 400 MHz: a study of vinylidene-cyclopropane 1-52851
- Courtillot, V. see Galdeano, A. 1-9073
- Courtillot, V. see Van Ngoc, P. 1-54044
- Courtney, F.M. The use of analysis of variance in the assessment of rainfall variability 1-32503
- Courtney, J.C., Madison, J.P., Holson, C.E., Black, R.L., Di Lorenzo, F.L., Anderson, J.B., Hylsky, E., Lau, L.D. Sampling of airborne radioactivity in a hot fuel examination facility 1-18898
- Courtney, T.H. see Niemi, A.N. 1-39341
- Courtney, T.H. see Wakashima, K. 1-43448
- Courtois, A. see Evrard, O. 1-34324
- Courtois, D. see Thiebaux, C. 1-37505
- Courvoisier, P. see Benizri, R. 1-43818
- Cousens, D.R., Myhra, S. A new method for the calculation of cascade displacements in amorphous targets 1-15939
- Cousin, A.J. On processing of Doppler returns from the foetal heart: an electronic processing method for extraction of valvular timing information 1-32213
- Cousineau, E. see Bonnet, R. 1-47091
- Cousins, A.W.J. Fainter standards for VRI photometry in the E regions 1-27564
- Cousins, T., Kennett, T.J., Prestwich, W.V., Weber, C.E. In vivo activation analysis of spinal calcium using 25 keV neutrons 1-22118
- Cousins, T. see Scott, M.J. 1-46826
- Cousins, J.-C. see Aignand, D. 1-38580
- Coussement, R. see Shkhan, S. 1-47987
- Cousson, A. see Abul, H. 1-15869
- Cousteix, J., Le Balleur, J.-C., Houdeville, R. Calculation of unsteady turbulent boundary layers in direct or inverse mode, including reverse flow—analysis of singularities 1-6849
- Cousteix, J. see Arzoumanian, E. 1-1942
- Coutanceau, M. see Bouard, R. 1-33963
- Couteau, P. New double stars (16th series) discovered at Nice 1-36200
- Couterne, A., Guillaume, C. Study of the structural and mechanical properties of the alloy U-0.2 wt.% V forged in phase α 1-16801
- Couteur, K.J. Le see Le Couteur, K.J.
- Couttrakon, G. see Hubbard, J.R. 1-14755
- Coutts, D.A., Wellman, P., Barlow, B.C. Calibration of gravity meters with a quartz-mechanism 1-4625
- Couture, C., Morton, J.R., Preston, K.F., Strach, S.J. The EPR spectrum of an electron-nuclear center in $\text{Fe}(\text{CO})_5(\text{NO})$; single crystals 1-21056
- Couture, L. see Rajnak, K. 1-52531
- Coutures, J. see Berjoan, R. 1-47065
- Coutures, J. see Rouanet, A. 1-4080
- Coutures, J.P., Devauchelle, J.M., Renard, R., Munoz, R. Dissolution of water vapor in liquid silicates 1-42542
- Coutures, J.P. see Granier, B. 1-48336
- Coutures, J.P. see Shpil'rain, E.E. 1-42551
- Couvert, P. see Boudard, A. 1-41117
- Couvrat, P. see Violan, P. 1-31650
- Couzi, M. see Levasseur, A. 1-7376
- Covarrubias, G.M. Gravitational radiation in Szekeres's quasi-spherical space-times 1-5195
- Covello, A. see Andreozzi, F. 1-23564
- Covey, C.C., Schubert, G. Mesoscale convection in the clouds of Venus 1-49362
- Covington, D.W., Comas, J., Yu, P.W. Iron doping in gallium arsenide by molecular beam epitaxy 1-47394
- Covino, B.S., Jr., Carter, J.P., Cramer, S.D. The corrosion behavior of niobium in hydrochloric acid solutions 1-53338
- Covino, B.S., Jr., Sartwell, B.D., Conner, G.R., Needham, P.B., Jr. Electrochemical corrosion behavior of alloys formed by ion implantation 1-4007
- Cowache, P. see Vedel, J. 1-3620
- Cowan, D.L. see Berney, R.L. 1-38977
- Cowan, E.W. An Earth dynamo with anisotropic resistivity 1-44104
- Cowan, G.A. see Haxton, W.C. 1-54337
- Cowan, J.J. Surface plasmon holography 1-41630
- Cowan, J.J., Cameron, A.G.W., Truran, J.W. Seed abundances for r-processing in the helium shells of supernovae 1-49694
- Cowan, J.J. see A'Hearn, M.F. 1-22732
- Cowan, M. see Wright, T.P. 1-34059
- Cowan, P.L., Golovchenko, J.A. Laser surface treatment studies in ultrahigh vacuum 1-8455
- Cowan, P.L. see Flamm, D.L. 1-31696
- Cowan, R.D., Hansen, J.E. Discrete-continuum interactions in Cl I and S I 1-37128
- Cowan, R.D. see Boring, M. 1-43245
- Cowan, R.D. see Brau, K. 1-19944
- Cowan, R.J., Watson, N.E. Special characteristics and potential of single photon emission computed tomography in the brain 1-32239
- Coward, M.P., Fairhead, J.D. Gravity and structural evidence for the deep structure of the Limpopo Belt, southern Africa 1-22301
- Cowburn, D. see Wittbold, W.M., Jr. 1-314
- Cowell, D.W., Ford, D.C. Hydrochemistry of a dolomite karst: the Bruce Peninsula of Ontario 1-44216
- Cowen, A.R. see Hay, G.A. 1-32230
- Cowen, J.A. see DeFotis, G.C. 1-3211
- Cowen, R. see Nadasen, A. 1-5782
- Cowens, M.W., Blouke, M.M., Fairchild, T., Westphal, J.A. Coronee and luminescence as VUV sensitive coatings for Si CCD imagers. A comparison 1-19468
- Cowern, N.E.B. Influence of electronic straggling on ion range distributions 1-52193
- Cowern, N.E.B. see Solfied, C.J. 1-6116
- Cowgill, D.F. see Whitley, J.B. 1-20279
- Cowgill, P. see Mason, P. 1-47324
- Cowham, M.J. see Boyde, A. 1-17542
- Cowie, J.M.G. see Busfield, W.K. 1-3693
- Cowie, L.L. see Ostrikor, J.P. 1-54619
- Cowin, S.C. see Firoozbaksh, K. 1-49052
- Cowiam, N., Davies, H.A., Dini, K. Neutron measurements of magnetic correlations in metallic glasses 1-3142
- Cowiam, N., Shamah, A.M. A diffraction study of $\gamma\text{-Mn-Cu}$ alloys 1-30939

- Cowlan, N. *see* Sakata, M. 1-30086
- Cowley, A.A., Chang, C.C., Holmgren, H.D. Forward-angle proton spectra in the continuum from the $^{58}\text{Ni}(p, \text{xp})$ reaction at 100 MeV 1-23661
- Cowley, A.A., Chang, C.C., Holmgren, H.D., Silk, J.D., Hendrie, D.L., Koontz, R.W., Roos, P.G., Samanta, C., Wu, J.R. Energy dissipation process for 100-MeV protons and the nucleon-nucleon interactions in nuclei 1-23658
- Cowley, A.P., Crampton, D., Hutchings, J.B. SS Cygni: a new period and discussion of orbital parameters 1-36288
- Cowley, A.P. *see* Crampton, D. 1-54544
- Cowley, A.P. *see* Hartwick, F.D.A. 1-36360
- Cowley, A.P. *see* Hutchings, J.B. 1-17914, 1-17915, 1-54556
- Cowley, C.R. Rare-earth systematics in Ap and Am stellar spectra: are new theoretical developments required? 1-49690
- Cowley, C.R. High dispersion spectra of CP stars: a problem in classification 1-54525
- Cowley, C.R., Aikman, G.C.L. Stellar abundances from line statistics 1-44534
- Cowley, E.R., Barker, J.A. A self-consistent cell model for the melting transition in hard sphere systems 1-7290
- Cowley, E.R. *see* Leese, J.G. 1-35026
- Cowley, J.M. High resolution electron microscopy of crystal defects and surfaces 1-10051
- Cowley, J.M. Optical processing of diffraction information in STEM 1-15773
- Cowley, J.M. Adjustment of a STEM instrument by use of shadow images 1-40903
- Cowley, J.M. Coherent interference in convergent-beam electron diffraction and shadow imaging 1-46959
- Cowley, J.M., Bridges, R.E. Phase and amplitude contrast in electron microscopy of stained biological objects 1-44060
- Cowley, J.M. *see* Schiffmacher, G. 1-52452
- Cowley, J.M. *see* Spence, J.C.H. 1-40904
- Cowley, J.P. *see* Cluley, A.P. 1-22531
- Cowley, R.A., Birgeneau, R.J., Shirane, G. Excitations and phase transitions in random anti-ferromagnets 1-7844
- Cowley, R.A., Shirane, G., Birgeneau, R.J., Svensson, E.C., Guggenheim, H.J. Spin correlations near the percolation threshold in three-dimensional antiferromagnets 1-21003
- Cowley, S.W.H. Magnetospheric asymmetries associated with the Y-component of the IMF 1-40284
- Cowley, S.W.H., Southwood, D.J. Some properties of a steady-state geomagnetic tail 1-17736
- Cowlin, M. *see* Goodall, D.H.J. 1-29908
- Cown, B.J. *see* Ryan, C.E., Jr. 1-17455
- Cowsik, R. Comments on stochastic acceleration of cosmic rays 1-44394
- Cowsik, R., Narasimhan, V.S. Lower limit on the lifetime of nucleons 1-14378
- Cox, A. Microcomputers and optical design 1-46507
- Cox, A. A stochastic approach towards understanding the frequency and polarity bias of geomagnetic reversals 1-49205
- Cox, A. *see* Gordon, R.G. 1-27057, 1-27143
- Cox, A.B. *see* Goldin, E.M. 1-26960
- Cox, A.J., Matisse, B.K. Energy transfer between coumarins in a dye laser 1-15165
- Cox, A.N. RR Lyrae and BL Herculis variables 1-40507
- Cox, A.N., Hodson, S.W. A nonlinear study of AI Velorum 1-27538
- Cox, A.N., Hodson, S.W., Starrfield, S.G. The periods of ZZ Ceti variables 1-27506
- Cox, A.N. *see* Cogan, B.C. 1-40504
- Cox, A.N. *see* Cox, J.P. 1-44577
- Cox, A.N. *see* Hodson, S.W. 1-27537, 1-40509
- Cox, A.N. *see* King, D.S. 1-27542
- Cox, A.N. *see* Newman, M.J. 1-44586, 1-44587
- Cox, A.N. *see* Pensell, W.D. 1-40496
- Cox, A.N. *see* Starrfield, S.G. 1-49659
- Cox, B., Ling, V.C. The effect of thermal cycling on the movement of the $\alpha\text{Zr}/\alpha\text{Zr}+\text{hydride}$ phase boundary in cold-worked Zr-2.5 wt.% Nb alloy 1-35292
- Cox, B.N., Bauschlicher, C.W., Jr. Surface relaxation and induced stress accompanying the adsorption of H upon Be(0001) 1-38659
- Cox, B.V., Timothy, L.K. Nonparametric rank-order statistics applied to robust voiced-unvoiced-silence classification 1-6722
- Cox, C. Electromagnetic induction in the oceans and inferences on the constitution of the Earth 1-22323
- Cox, C.H. Residential photovoltaic systems costs 1-53619
- Cox, C.L. *see* Strobe, G.L. 1-26922
- Cox, D. *see* Kurth, R. 1-5924
- Cox, D.C., Arnold, H.W., Hoffman, H.H., Leck, R.P. Properties of attenuating and depolarizing atmospheric hydrometeors measured on a 19-GHz Earth-space radio path 1-4599
- Cox, D.C. *see* Arnold, H.W. 1-54232
- Cox, D.D. The Conceptual Design Study technical integrator role 1-10431
- Cox, D.E., Moodenbaugh, A.R., Sleight, A.W., Chen, H.-Y. Structural refinement of neutron and X-ray data by the Rietveld method: application to Al_2O_3 and BiVO_4 1-29960
- Cox, D.E. *see* Amin, A. 1-38355
- Cox, D.E. *see* Ray, S.P. 1-20156
- Cox, D.M. *see* Horsley, J.A. 1-10794
- Cox, J.D. *see* Walters, R.A. 1-19327
- Cox, J.P. Recent work on Cepheid variables 1-40501
- Cox, J.P., King, D.S., Cox, A.N., Wheeler, J.C., Hansen, C.J., Hodson, S.W. Pulsations of the R Coronae Borealis stars 1-44577
- Cox, J.P. *see* King, D.S. 1-27542
- Cox, J.P. *see* Saio, H. 1-27540
- Cox, J.R. *see* Loosemore, G.R. 1-53278
- Cox, K.E. A comparison of capital cost estimates and process efficiencies for hydrogen production by thermochemical cycles and water electrolysis 1-53697
- Cox, K.E. *see* Booth, L.A. 1-53696
- Cox, L.E. *see* Barrus, D.M. 1-26305
- Cox, L.G. *see* Kusters, N.L. 1-36698
- Cox, L.R. *see* Frey, H.G. 1-32567
- Cox, M.D. Generation and propagation of 30-day waves in a numerical model of the Pacific 1-54116
- Cox, M.E., Cuff, K.E., Thomas, D.M. Variations of ground radon concentrations with activity of Kilauea Volcano, Hawaii 1-17591
- Cox, M.E., McMurtry, G.M. Vertical distribution of mercury in sediments from the East Pacific Rise 1-49257
- Cox, P.A. Some effects of intra-atomic electron correlation on XPS multiplet splittings 1-37254
- Cox, P.A., Lang, J.K., Baer, Y. Study of the 4f and valence band density of states in rare-earth metals. I. Theory of the 4f states 1-30611
- Cox, P.A. *see* Lang, J.K. 1-34606
- Cox, P.H. *see* Claudson, M. 1-10130
- Cox, P.H. *see* Glaudson, M. 1-18418
- Cox, P.T. *see* Pondrom, L. 1-45286
- Cox, P.T. *see* Yamin, P. 1-45372
- Cox, R., Masson, W.K. Radiosensitivity in cultured human fibroblasts 1-32200
- Cox, R. *see* Thacker, J. 1-22073
- Cox, R. *see* Virsik, R.P. 1-32199
- Cox, R.G. *see* Foda, M. 1-20517
- Cox, R.J. Preparation and characterization of a series of liquid crystalline diesters 1-38282
- Cox, R.J., Mueller-Westerhoff, U.T., Nazzari, A. IR-sensitive silver halide films 1-46472
- Cox, R.J. *see* Armitage, D. 1-25413
- Cox, R.L., Almond, D.P., Reiter, H. Ultrasonic testing of plasma sprayed coatings 1-26700
- Cox, R.L., Almond, D.P., Reiter, H. Ultrasonic attenuation in plasma-sprayed coating materials 1-52236
- Cox, S.J., Styles, P. Towards biochemical imaging (2-dimensional NM) 1-17531
- Cox, S.K. *see* Griffith, K.T. 1-17669
- Cox, S.K. *see* Welch, R.M. 1-4608
- Cox, T.I., Madden, P.A. The forbidden Raman (ν_2, π_2) transition in crystalline CS_2 1-39071
- Cox, T.I. *see* Madden, P.A. 1-30023
- Coxon, J.A. Revised molecular constants, RKR potential, and long-range analysis for the $\text{B}^1\Pi(\text{O}_2^-)$ state of Cl_2 , and rotationally dependent Franck-Condon factors for Cl_2 ($\text{B} \leftarrow \text{X}^1\Sigma_g^+$) 1-1282
- Coxon, L.D., White, J.R. Residual stresses and aging in injection molded polypropylene 1-35290
- Coxon, P., Canadas, G. Mass discrimination 1-40890
- Coy, S.L. Speed dependence of microwave rotational relaxation rates 1-29102
- Coyle, J.P. *see* Fiore, N.F. 1-21599
- Coyle, R.J., Jr., Kargol, J.A., Fiore, N.F. Hydrogen-assisted ductile fracture in a Ni-base superalloy 1-3921
- Coyne, D. *see* Partridge, R. 1-10207, 1-18483
- Coyne, G.V. *see* Vrba, F.J. 1-54577
- Coyne, J.J. *see* Carlson, C.E. 1-28279
- Coyne, J.J. *see* Caswell, R.S. 1-14570
- Coze, G.L. *see* Le Coze, J.
- Coze, J.L. *see* Le Coze, J.
- Cozzarelli, F.A. *see* Lee, C. 1-6787
- Crabb, D.G., Fernow, R.C., Hansen, P.H., Hauser, J., Krisch, A.D., Sandler, B., Shima, T., Terwilliger, K.M., Crosbie, E.A., Ratner, L.G., Schultz, P.P., Thomas, G.H., O'Fallon, J.R., Lin, A., Salthouse, A.J., Linn, S.L., Perlmuter, A., Karmaker, N.L., Kyberd, P. Spin dependence in high- p^2 elastic pp and np scattering 1-14413
- Crabb, D.G. *see* Crosbie, E.A. 1-45340
- Crabb, R.L. Solar cell photon degradation: its discovery and early experimental evidence 1-13136
- Crabb, R.L., Allen, H.C., Pohl, G. The solar cell blanket design for Space Telescope's roll-out solar array 1-39780
- Crabb, R.L., Larue, J.C. A comparison of solar array radiation damage models 1-39796
- Crabtree, G.W. *see* Dye, D.H. 1-42676
- Crabtree, G.W. *see* Johanson, W.R. 1-42674
- Crabtree, K.E. *see* Tenforde, T.S. 1-8922
- Crabtree, W.L. *see* Horne, W.E. 1-48859
- Cracco, J.B., Bosch, V.V., Cracco, R.Q. Cerebral and spinal somatosensory evoked potentials in children with CNS degenerative disease 1-26915
- Cracco, R.Q. *see* Anziska, B. 1-17410
- Cracco, R.Q. *see* Cracco, J.B. 1-26915
- Cracknell, A.P., Davies, B.L. The compilation of tables of reductions of Kronecker products and symmetrised powers of space-group representations 1-7118
- Cracknell, A.P., Ghiassy, M.A. Magnetoelastic waves and a group-theoretical determination of selection rules for magnon-phonon interactions in $\text{FeCl}_2 \cdot 2\text{H}_2\text{O}$ 1-12373
- Cracknell, A.P. (editor) Coastal and Marine Applications of Remote Sensing. Proceedings of the Sixth Annual Conference of the Remote Sensing Society 1-17942
- Craddock, D., Edwards, C.B., Gilbert, F.S., Nicholas, D.J., O'Neill, F., Shaw, M.J. Electron-beam-excited rare-gas halide lasers 1-29270
- Craddock, S., Fraser, A., Rankin, W.H. The gas-phase molecular structure of silyl chloroacetylene, determined by electron diffraction 1-46125
- Craddock, W., Fast, R.W., Garbincius, P., Mapalo, L. Prototype low-current superconducting quadrupole magnet for Fermilab's high-intensity laboratory 1-45768
- Craddock, S., Rankin, D.W.H. The gas-phase molecular structure of methyl formate, determined by electron diffraction 1-24257
- Craddock, S., Skea, D.C.J. Low-frequency bending motions of the silyl pseudohalides SiH_3NCY ($\text{Y} = \text{O}, \text{S}, \text{Se}$). An experimental and theoretical study 1-14890
- Craddock, S. *see* Bett, W. 1-1402
- Craen, M.J. Van *see* Van Craen, M.J.
- Craen, M. Van *see* Van Craen, M.
- Craft, B.D. *see* Bowman, R.C., Jr. 1-3282
- Craft, T.F. *see* Eichholz, G.G. 1-45643
- Cragg, D.M. *see* Lloyd, P. 1-47848
- Cragg, T., Torres, C. Probable supernova in NGC 1532 1-44582
- Cragg, T. *see* Lee, S. 1-49697
- Crago, P.E., Peckham, P.H., Thrope, G.B. Modulation of muscle force by recruitment during intramuscular stimulation 1-26919
- Craievich, A.F. *see* Vollet, D. 1-53130
- Craig, B.D. Direct observation of Fe_3MoC carbides in a low alloy steel 1-48349
- Craig, B.D., Krauss, G. The structure of tempered martensite and its susceptibility to hydrogen stress cracking 1-26618
- Craig, D.P. *see* Collins, M.A. 1-38475
- Craig, H. *see* Chung, Y. 1-4505
- Craig, H. *see* Lupton, J.E. 1-13489
- Craig, J.H., Jr. Outgassing characteristics of TiC and TiB₂ coated graphite 1-30557
- Craig, J.H., Jr., Hock, J.L. Evidence for a thermally induced state conversion in low coverage states of hydrogen on platinum 1-20567
- Craig, J.H., Jr., Hock, J.L. Construction and performance characteristics of a low cost energy prefilter 1-28114
- Craig, J.H., Jr., Hock, J.L. ESD study of CO adsorbed on platinum 1-38653
- Craig, J.H., Jr., Hock, J.L. Anomalous ESD results for the O_2/Pt adsorption system 1-47378
- Craig, M.S. *see* Botten, I.C. 1-51606
- Craig, R.S. *see* Pourarian, F. 1-12356
- Craighead, H.G., Howard, R.E., Tennant, D.M. Textured thin-film Si solar selective absorbers using reactive ion etching 1-17239
- Craighead, H.G., Howard, R.E., Tennant, D.M. Selectively emissive refractory metal surfaces 1-47266
- Craigie, N.S., Baldracchini, F., Roberto, V., Socolovsky, M. Study of factorization in QCD with polarized beams and Λ production at large p_T 1-14227
- Craigie, N.S., Narison, S., Riazuddin. A critical analysis of the electromagnetic mass shift problem in QCD 1-5568
- Cralk, A.D.D. The development of wavepackets in unstable flows 1-24765
- Cralk, A.D.D. Boundary-layer transition: theory and experiment 1-42037
- Craine, E.R. *see* Scharlach, W.W.G. 1-49616
- Craine, R.E., Weatherill, N.P. Asymmetric fluid flow in a hemispherical container induced by electromagnetic forces 1-24895
- Craise, L. *see* Routs, R. 1-8919
- Cram, L.E. Sacramento Peak Observatory 1-54376
- Cram, L.E., Rutten, R.J., Lites, B.W. On the formation of Fe II lines in stellar spectra. I. Solar spatial intensity variation of $\lambda 3969.4$ 1-32671
- Cram, L.E. *see* Woods, D.T. 1-54446
- Cramarie, R. *see* Tanasescu, F.T. 1-31731
- Cramer, J.G. *see* Satchler, G.R. 1-5790
- Cramer, N. *see* Surdej, J. 1-13721
- Cramer, S.D. *see* Covino, B.S., Jr. 1-53338
- Cramer, S.P. *see* Liang, K.S. 1-30061
- Cramp, W.A. *see* George, A.M. 1-22070

- Cramp, W.A. *see* Lunec, J. 1-26956
- Crampin, M. Symmetries and invariants of volume preserving flows 1-74
- Crampin, S., McConigle, R. The variation of delays in stress-induced anisotropic polarization anomalies 1-32370
- Crampin, S., Yedlin, M. Shear-wave singularities of wave propagation in anisotropic media 1-54010
- Crampin, S. *see* Kirkwood, S.C. 1-35942, 1-35943
- Crampin, J., Escaig, B. Mechanical properties of fine-grained magnesium oxide at large compressive strains 1-39376
- Crampton, D., Hutchings, J.B., Cowley, A.P. Spectroscopy of the magnetic catalytic variable 0311-227 1-54544
- Crampton, D. *see* Cowley, A.P. 1-36288
- Crampton, D. *see* Hutchings, J.B. 1-17914, 1-17915, 1-54556
- Crampton, S.B. Resonance studies of H atoms adsorbed on frozen H₂ surfaces 1-1152
- Crampton, S.B. *see* Wang, H.T.M. 1-23192
- Crance, M., Aymer, M. Non-resonant multiphoton ionisation of caesium in strong fields 1-10702
- Crancon, J., Fiat, G., Perves, J.P., Zabe, B., Lecolletier, L., Prud'homme, J.J. A pneumatic transport system for rapid analysis of fission products 1-23913
- Crandall, P.H. *see* Lieb, J.P. 1-26888
- Crandall, R.S. Photoconductivity and transport in hydrogenated amorphous silicon 1-32029
- Crandall, R.S. *see* Faughan, B.W. 1-26172
- Crandall, S.H. Localized response reductions in wide-band random vibration of uniform structures 1-29597
- Crandell, M. *see* Crandell, P. 1-33004
- Crandell, P., Crandell, M. Extreme high frequency reflectometry 1-33004
- Crane, K.C.A., Garnsworthy, R.K., Mathias, L.E.S. Ablation of materials subjected to laser radiation and high-speed gas flows 1-48198
- Crane, L.W., Farrow, R.J. Effect of sintering conditions on fracture toughness of a commercial alloy steel 1-53134
- Crane, P.C. *see* Coc, M.J. 1-13813
- Crane, P.C. *see* Walker, R.C. 1-54503
- Crane, R.I., Winoto, S.H. Longitudinal vortices in a concave surface boundary layer 1-2001
- Crane-Robinson, C. *see* Allan, J. 1-32093
- Cranfield, R.R. Fluidized bed heat store for power generation 1-43810
- Crane, P.C. *see* Haschick, A.D. 1-9699
- Crank, R. *see* Hillman, D.E. 1-17538
- Crawley, K., Millar, R., Bell, T.K. Correction for deadline losses in a gamma camera/data analysis system 1-8980
- Crane, D.C., Snyder, J.P. Tetracoordinate planar carbon: a singlet biradical 1-45821
- Crapo, J.D. *see* Crapo, R.O. 1-13270
- Crapo, R.O., Crapo, J.D., Morris, A.H., Berlin, S.L., Devries, W.C. Pulmonary tissue volume in isolated perfused dog lungs 1-13270
- Crane, K.W., Singh, M.S. Radiological safety design considerations for fusion research experiments 1-6026
- Crusemann, B. *see* Brown, G.S. 1-24094
- Crusemann, B. *see* Mau Hsiung Chen 1-17945
- Crasnier, J. *see* Sauvau, J.A. 1-17739
- Crass, J. *see* Amplatz, K. 1-26999
- Crawswell, P. *see* Speed, M.A. 1-8976
- Crater, D.H., Cuculo, J.A., Boudreaux, E., Jr. Flow-induced crystallization of polymer melts in convergent flow regimes and imposed temperature gradient to form ultra-oriented fiber structures 1-39304
- Crater, H. *see* Bloch, L. 1-27726
- Craven, B. *see* Court, G.R. 1-23906
- Craven, B.M., Sawzik, P., Guerin, N.G. Birefringence and the molecular arrangement in crystals of cholesteryl laurate 1-16548
- Craven, R.A. *see* Chaikin, P.M. 1-47624
- Cravens, T.E. *see* Brinton, H.C. 1-36205
- Crawford, B.H. An ultra-violet radiation indicator 1-345
- Crawford, C.R. Solution of block-structured least-squares problems 1-46515
- Crawford, C.R. *see* Nahamoo, D. 1-49104
- Crawford, D. Electron microscopy applied to studies of the biological significance of defects in crocidolite asbestos 1-32321
- Crawford, D.F. *see* Large, M.I. 1-49541
- Crawford, D.J. Radiological characteristics of ²¹⁹Rn 1-9043
- Crawford, D.J., Leggett, R.W. Assessing the risk of exposure to radioactivity 1-35829
- Crawford, F.W. *see* Levine, J.S. 1-19990, 1-38145
- Crawford, G.I. *see* Islam, M.N. 1-41106
- Crawford, J.H., Jr., Eisenberg, D.J. Dielectric polarization of thermochemically treated MgO:Li⁺ crystals 1-3320
- Crawford, J.M. Automatic calibrations and dynamic corrections for differential pressure transmitters 1-14603
- Crawford, M.E., Kays, W.M., Moffat, R.J. Full-coverage film cooling. I. Comparison of heat transfer data for three injection angles 1-33873
- Crawford, M.E., Kays, W.M., Moffat, R.J. Full-coverage film cooling. II. Heat transfer data and numerical simulation 1-33874
- Crawford, R.C., Olson, E.C. Five-color light curves of S Cancri 1-49738
- Crawford, R.C. *see* Hirsch, P.B. 1-12760
- Crawford, R.J. *see* Paul, D.W. 1-51674
- Crawley, E.F., Dugundji, J. Frequency determination and non-dimensionalization for composite cantilever plates 1-19608
- Crawley, G. Nikon F3 a review. I 1-45042
- Crawley, G. NIKON F3 a review. II 1-45043
- Crawley, G. Nikon F3 a review. III 1-45045
- Crawley, G. Nikon F3. A review. IV 1-50245
- Crawley, G. Nikon F3. A review. V 1-50246
- Crawley, G.M., Benenson, W., Bertsch, G., Gales, S., Weber, D., Zwiaglinski, B. Hole states in the tin isotopes observed by the (p,t) reaction 1-41036
- Crawley, G.M. *see* Moyer, R.A. 1-41045
- Crawley, H.B. *see* Biswas, N.N. 1-18515
- Crawley, R.L. *see* Rensel, W.B. 1-23853
- Craxton, R.S. Theory of high efficiency third harmonic generation of high power Nd-glass laser radiation 1-11044
- Craxton, R.S. *see* Seka, W. 1-6609
- Crease, B.A. *see* Caughey, S.J. 1-17706
- Crease, B.A. *see* Cole, R.S. 1-17705
- Creason, S.C., Kehoe, T.J. End operator error in finding total organic carbon 1-26781
- Cresbitt, K.C. *see* Salamon, M.H. 1-25344
- Creselius, G. *see* van Attekum, P.M.Th.M. 1-25624
- Creel, D., Garber, S.R., King, R.A., Witkop, C.J., Jr. Auditory Brainstem anomalies in human albinos 1-39943
- Creel, R.B., Brooker, H.R., Barnes, R.G. Exact analytic expressions for NQR parameters in terms of the transition frequencies 1-19117
- Creel, R.B. *see* Barnes, R.G. 1-16493
- Creer, K.M., Hogg, T.E., Readman, P.W., Reynaud, C. Palaeomagnetic secular variation curves extending back to 13400 years BP recorded by sediments deposited in Lac de Joux, Switzerland. Comparison with UK records 1-35933
- Creer, K.M., Readman, P.W., Jacobs, A.M. Palaeomagnetic and palaeontological dating of a section at Gioia Tauro, Italy: identification of the Blake Event 1-13386
- Cremades, J., Filkin, R., Franke, T. Standardizing products for the international NSSS market 1-33312
- Cremades, J., Filkin, R., Franke, T. A NSSS supplier's response to differing safety criteria [reactor safety] 1-28627
- Cremaschi, P. The use of cubic splines in vibration-rotation problems of diatomic molecules 1-24116
- Cremer, A.F.M., Fischer, J.C., Schilstra, M.J., Mellema, J.E. Low-dose electron image reconstruction of negatively stained contractile phase sheath from bacillus subtilis (PBS-Z) 1-43850
- Cremer, D.A., Martson, P.L., Duvall, G.E. Sources of light emission during shock experiments 1-7256
- Cremer, P., Bardolle, J. Kinetic study by microgravimetry of the oxidation of crystals and polycrystalline samples of niobium in the region of formation of interdiffusion thin films 1-39524
- Cremoux, B. *see* De Cremoux, B.
- Cremnel, D. *see* Barloutaud, R. 1-36885
- Crepit, C. *see* Bournot, Ph. 1-39189
- Crescenzi, M. *see* De Crescenzi, M.
- Crespin, C. *see* Chassagnon, R. 1-46845
- Crespo, A.J., Tergerius, L.E., Lundstrom, T. The solid solution of 4d, 5d and some p elements in β rhombohedral boron 1-38347
- Crespo, J.M. *see* Altkofer, O.C. 1-45773
- Crespo, J.M. *see* Aubert, J.J. 1-5630
- Cresswell, G.R., Golding, T.J. Observations of a south-flowing current in the southeastern Indian Ocean 1-13465
- Cretella, M.C. *see* Rao, C.V.H.N. 1-2358
- Crettez, J.P. *see* Simon, J.C. 1-43865
- Creutz, M. *see* Bhanot, G. 1-7858
- Creuzet, G. *see* Fert, A. 1-20708
- Crewe, A.V. Studies on sextupole correctors 1-15065
- Crewe, A.V. Color conversion in electron microscopy 1-23374
- Crewe, A.V. *see* Ohtsuki, M. 1-9063
- Crewther, D.P., Hamer, C.J. Eigenvalues for the massive Schwinger model from a finite-lattice Hamiltonian approach 1-5482
- Crewther, R.J. Chiral properties of quantum chromodynamics 1-28222
- Cribber, M. *see* Hubbard, J.R. 1-14755
- Crichton, B.H., Blair, D.T.A., Lee, D.-I. Prebreakdown phenomena in SF₆ at high pressures in uniform-field gaps with anode mounted projections 1-15714
- Crichton, G. *see* Wolfgang, E. 1-28137
- Crichton, G.C., Pedersen, A. Anomalous surface roughness effects in SF₆ 1-11504
- Cridland, H.V. *see* Howells, S. 1-41722
- Criegee, L. *see* Berger, C. 1-5636, 1-10209
- Criegee, L. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-50412
- Crilly, J.F., Earnshaw, J.C. Photon correlation spectroscopy of lipid membranes 1-32101
- Crim, F.F. *see* Cannon, B.D. 1-8559
- Crine, J.-P. The interpretation of current transients in dielectrics 1-52576
- Crippen, G.M. *see* Knutz, I.D. 1-13210
- Crisan, M., Anghel, A.I. The spatial dependence of the magnetic susceptibility of the itinerant-electron antiferromagnet 1-25900
- Crisanti, F. *see* Casalboni, M. 1-8127
- Crisler, M.J. *see* Sterett, W.K. 1-28535
- Crisp, G.N. Phonon transmission through solid-liquid helium interfaces 1-47360
- Crisp, J.N. *see* Boehman, L.I. 1-53557
- Crisp, R.S. Self-absorption and the soft X-ray edges of Be metal 1-8163
- Crispin, Y., Wasserstrom, E. Constriction and striations in electric discharges 1-46941
- Crist, B., Worthington, C.R. Intensity corrections for one-dimensional structure determination 1-29948
- Crist, B. *see* Brower, A.L. 1-7549
- Crist, B. *see* Judd, R.E. 1-47001
- Crist, B., Jr. *see* Wissler, G.E. 1-16026
- Cristescu, D., Ungureanu, M., Postolache, P. Behaviour of insulator chain frameworks during corona discharges 1-2263
- Cristina Reggiani, R. *see* Mazza, F. 1-39546
- Cristoloveanu, S., Lee, J.H. Magnetoconcentration and related galvanomagnetic effects in non-intrinsic semiconductors 1-20770
- Cristy, S.S., Condon, J.B. Investigation of metal corrosion mechanisms using stable isotopes with the ion microprobe 1-31765
- Critchley, A.W. Multiplex keying system for organs [TDM system] 1-24614
- Crittenden, E.C., Jr., Cooper, A.W., Milne, E.A., Rodeback, G.W., Armstead, R.L., Kalmbach, S.H., Schrage, G.E., Fairall, C.W. Degradation of optical transmission in the atmospheric marine boundary layer 1-22454
- Crivat, D., Goran, M. Permeability of aluminosilicate coating on vitrocereamic nuclear fuel elements 1-18748
- Croat, J.J. Preparation and coercive force of melt-spun Pr-Fe alloys 1-47900
- Croat, J.J., Chraplyvy, A.R., Herbst, J.F. Crystallization of amorphous Pr_{0.2}Co_{0.7}: Magnetic properties and laser-induced coercivity 1-38948
- Croat, J.J. *see* Herbst, J.F. 1-30974
- Croce, P., Prod'homme, L. Contribution of immersion technique to light scattering analysis of very rough surfaces 1-6463
- Croce, P., Prod'homme, L. Analysis of polished surfaces by the spatial distribution of scattered light 1-19267
- Croce, R. *see* Maltese, M. 1-3388
- Croce, R.F. *see* Coppock, R.A. 1-46249
- Crochet, D. *see* Petitier, H. 1-43946
- Crochet, E., Goldman, M., Haug, R. Relative importance of active synchronous component in the current of a corona discharge 1-11611
- Croci, R. Comment on a paper by Virtamo (1979) [plasma theory] 1-29845
- Crock, G.W. *see* Parel, J.-M. 1-22105
- Crocker, A.H. The changing slide. Standards for tape-slide synchronisation 1-11059
- Crocker, D., Clack, C.D., Butcher, R.J. A 10 W single mode Pyrex waveguide CO₂ laser 1-29296
- Crocker, D. *see* Shafik, S. 1-46300
- Crocker, G.D. *see* Stephenson, E.J. 1-28821
- Crockett, R.S. *see* Lawwill, T. 1-35819
- Croff, A.G., Alexander, C.W., Wachter, J.W. Transmutation and fuel cycle impacts 1-853
- Croff, A.G. *see* Blomeke, J.O. 1-857
- Croft, M., Levine, H.H. Magnetic order and moment reduction in Ce₂-ThAl₃ 1-20979
- Croft, W.J. *see* Moon, K.A. 1-43695
- Croll, J.G.A. *see* De Souza, V.C.M. 1-37833
- Croll, J.G.A. *see* Ellinas, C.P. 1-19597
- Cromer, A. Physics in science and industry 1-44732
- Cromer, D.T., Liberman, D.A. Anomalous dispersion calculations near to and on the long-wavelength side of an absorption edge 1-42261
- Cromer, D.T., Mills, R.L., Schiffrin, D., Schwalbe, L.A. The structure of N₂ at 49 kbar and 299K 1-34284
- Cromer, D.T. *see* Schwalbe, L.A. 1-38454
- Crompton, J.S., Martin, J.W. The study of local plastic strain in nickel-based superalloys by selected area channeling patterns in the STEM 1-3846
- Crompton, R.W., Robertson, A.G., Nygaard, K., Hegerberg, R. Measurements of the rate coefficient for attachment of thermal electrons to SF₆ 1-37343
- Crompton, R.W. *see* O'Malley, T.F. 1-1366
- Cromwell, L.D. *see* Moore, W.E. 1-17488
- Crone, A.J. *see* Zoback, M.D. 1-35959
- Crone, G.A.E., Arnold, J.M. Anomalous group delay in optical fibres 1-11105
- Cronmeyer, D.C. *see* Chi, C. 1-38895
- Cronenberg, A.W., Benz, R. Vapor explosion phenomena with respect to nuclear reactor safety assessment 1-14674

- Cronenberg, A.W.** see Gunnerson, F.S. 1-24657
- Cronney, S.T., Mandler, J.W., Stalker, A.C.** Radiocesium behavior on mixed-bed demineralizers used in pressurized water reactors 1-50851
- Cronin, D.J.** see Capps, W. 1-25444
- Cronin, J.** see Taylor, R.L. 1-4088
- Cronin, J.T., Slifer, B.C.** BWR/4 recirculation system modeling using RETRAN-61 1-5954
- Cronkite, E.P.** see El-Naggar, A.M. 1-43908
- Cronkite, E.P.** see Feinendegen, L.E. 1-43920
- Crook, A., Heron, R.A.** Standard methods for measuring the airborne noise from hydraulic pumps 1-19508
- Crook, C.R.** Dynamic accuracy of analogue XY recorders 1-27950
- Crooke, P.S., Tanner, R.D.** Parameter estimation and mathematical properties of a model for batch fermentation 1-31824
- Crooker, T.W., Benson, J.P., Edmonds, D.V.** Comments on 'Microstructural effects on fatigue at intermediate and high crack growth rates in a low alloy steel' [and reply] 1-3902
- Croos, K.A.** de see de Croos, K.A.
- Cros, A., Derrien, J., Mouttet, C., Gaspard, J.P., Lambin, P., Salvan, F.** Electronic spectra of the amorphous AuSi interface 1-30575
- Cros, A., Salvan, F., Commandre, M., Derrien, J.** Enhancement of the room temperature oxidation of silicon by very thin predeposited gold layers 1-48548
- Cros, A.** see Gaspard, J.P. 1-7699
- Cros, B., Kerner-Czeskleba, H., Philippot, E.** The structure of V_2O_5 1-11725
- Cros, J.-F.** Visualisation of constraints [stress analysis] 1-48620
- Crosbie, E.A., Ratner, L.G., Schultz, P.F., O'Fallon, J.R., Crabb, D.G., Fernow, R.C., Hansen, P.R., Kirsch, A.D., Salthouse, A.J., Sandler, B., Shima, T., Terwilliger, K.M., Karmakar, N.L., Linn, S.L., Perlmutter, A., Kyberd, P.** Energy dependence of spin-spin effects in p-p elastic scattering at 90°_{cm} 1-45340
- Crosbie, E.A.** see Crabb, D.G. 1-14413
- Crosby, G.A.** see Fordyce, W.A. 1-35080
- Crosby, R.L.** see Neumeier, L.A. 1-48403
- Crosby, T.J.** see White, D.R. 1-43893
- Croset, B.** see Coulomb, J.P. 1-11974
- Croset, M.** see Gourrier, S. 1-48551
- Crossetti, G.** see Adamovich, M.I. 1-45317
- Crossetto, A.** see Bonazzola, G.C. 1-18906
- Crosier, W.G., Rutt, G.S.** Testing EKG electrodes on-line 1-40022
- Crosignani, B., Papas, C.H., Di Porto, P.** Role of intensity fluctuations in nonlinear pulse propagation 1-11038
- Crosignani, B., Papas, C.H., Di Porto, P.** Coupled-mode theory approach to nonlinear pulse propagation in optical fibers 1-41859
- Crosky, A., McDougall, P.G., Bowles, J.S.** The crystallography of the precipitation of α rods from β Cu-Zn alloys 1-8307
- Crosnier, J.J.** see le Noane, G. 1-11159
- Cross, A.P.** see Cross, L.A. 1-50962
- Cross, C.A.** see Davies, M.E. 1-4797
- Cross, D.G.** see Vandenberg, F. 1-22693
- Cross, K.J.** see Cole, A.R.H. 1-24133
- Cross, L.A.** Comparing nuclear power plant exposure histories 1-28733
- Cross, L.A., Cross, A.P.** Trends in nuclear plant man-rem per megawatt-year 1-50962
- Cross, L.A.** see Gokay, M.C. 1-41720
- Cross, L.E.** see Amin, A. 1-38355
- Cross, L.E.** see Schulze, W. 1-23202
- Cross, L.E.** see Setter, N. 1-3340, 1-3589, 1-7144, 1-8009
- Cross, L.E.** see Uchino, K. 1-12457, 1-14104, 1-16526
- Cross, M.C.** Derivation of the amplitude equation at the Rayleigh-Benard instability 1-1918
- Cross, M.G.** see England, W.A. 1-7380
- Cross, N.R.** see Knight, D.J.E. 1-36631
- Cross, P.** see Christmas, P. 1-5737
- Cross, S.N.W.** Infrared studies of adsorption from solution onto oxide surfaces 1-21217
- Cross, T.A.** see Opella, S.J. 1-8819
- Cross, T.E.** see Bahorich, R.J. 1-23818
- Cross, Y.M., Castle, J.E.** The relationship between transmission efficiencies in the FRR and FAT modes of an electron spectrometer 1-40902
- Crosser, O.K., Park, K.Y.** Analysis of batch scraped surface heat exchange 1-29515
- Crossley, J.** see Rujimethabhas, M. 1-3367
- Crossley, P.S.** Centrifuges help match supply and demand 1-14687
- Crosswhite, H.M.** see Garton, W.R.S. 1-10685
- Crosta, G.** Axiomatic system theory and optical images 1-15088
- Crostack, H.-A.** see Fischer, W.R. 1-35469
- Crouch, P.C., Gerhardt, P.R., Patterson, J.R., Clay, R.W., Gregory, A.G.** Design and performance of the Buckland Park air shower array 1-45783
- Croucher, D.W.** Behavior of defective pressurized water reactor fuel rods during power ramp and power-cooling-mismatch conditions 1-10450
- Croucher, M.D.** see Schreiber, H.P. 1-48646
- Crough, S.T., Morgan, W.J., Hargraves, R.B.** Kimberlites: their relation to mantle hotspots 1-13426
- Crouse, D.J.** see Groenier, W.S. 1-18873
- Crouzel, C., Guenard, H., Comar, D., Soussaline, F., Loc'h, C., Plummer, D.** A new radioisotope for lung ventilation studies: 19-neon 1-43999
- Crovisier, J.** Statistical properties of interstellar neutral hydrogen from 21-cm absorption surveys 1-49769
- Crovisier, J.** see Bockelee-Morvan, D. 1-17795
- Crow, E.L.** see Huggins, A. 1-22530
- Crow, J.D., Johnson, M.** Nonsymmetric optical star coupler 1-29388
- Crow, J.D., Johnson, M.** Variable optical tap/distributor 1-46550
- Crow, J.D., Johnson, M.** Liquid interface optical deflectors and optical switches 1-51619
- Crow, J.D.** see Kakunaga, T. 1-26967
- Crow, J.E.** see Boiling, E. 1-25699
- Crow, J.E.** see Bossard, P. 1-25721
- Crow, J.E.** see Maury, A. 1-25722
- Crow, J.E.** see Ward, J. 1-20672
- Crow, J.E., Guertin, R.P., Mihalasin, T.W. (editor)** Proceedings of the International Conference on Crystalline Electric Field and Structural Effects in f-Electronic Systems 1-17940
- Crowder, B.L., Fortino, A.G., Geipel, H.J.** Technique for reducing oxidation-enhanced diffusion 1-30472
- Crowder, C.D.** see Willett, J.E. 1-38098
- Crowder, G.A.** Vibrational analysis of 1,1-dichlorobutane 1-31144
- Crowder, G.A., Harper, C.** Vibrational analysis of tertiary alkyl chlorides 1-10732
- Crowder, J.G.** see Dennis, R.B. 1-29028
- Crowe, A.** see McD Adams, R. 1-6390
- Crowe, C.R.** see Simons, D.G. 1-35419
- Crowe, R.D.** see Lubbesmeyer, D. 1-36981
- Crowell, C.R., Alipanahi, S.** Transient distortion and nth order filtering in deep level transient spectroscopy (DLTS) 1-30664
- Crowley, C.J., Rothe, P.H.** Flashing transient separate-effects experiments at LOFT scale 1-50738
- Crowley, J.L.** see Stultz, T.J. 1-2506
- Crowley, T.L.** see Ballard, D.G.H. 1-42326
- Crowninshield, R.D., Pedersen, D.R., Brand, R.A.** A measurement of proximal femur strain with total hip arthroplasty 1-22046
- Crownson, R.J., Folkes, M.J.** Rheology of short glass fiber-reinforced thermoplastics and its application to injection molding. II. The effect of material parameters 1-42000
- Crownson, R.J., Folkes, M.J., Bright, P.F.** Rheology of short glass fiber-reinforced thermoplastics and its application to injection molding. I. Fiber motion and viscosity measurement 1-41999
- Crowthier, R.L.** see Colby, M.J. 1-41209
- Crowthier, R.L.** see Congdon, S.P. 1-45712
- Croxton, C.A.** see Osborn, T.R. 1-2301, 1-34212
- Croxton, T.L., McQuarrie, D.A.** The electrical double layer in the Born-Green-Yvon equation 1-43671
- Crozier, E.D., Seary, A.J.** Asymmetric effects in the extended X-ray absorption fine structure analysis of solid and liquid zinc 1-3535
- Crozier, E.D.** see Ingalls, R. 1-35120
- Crozon, M.** see Badier, J. 1-10218, 1-10582, 1-14430
- Crozon, M.** see Carimalo, C. 1-28354
- Crubellier, A., Liberman, S., Pillet, P., Schweighofer, M.G.** Experimental study of quantum fluctuations of polarisation in superradiance 1-45922
- Crucitti, T.W.** see Gupta, S.M. 1-49108
- Cruddace, R.G.** see Ulmer, M.P. 1-54640
- Cruden, D.M.** see Simmons, J.V. 1-40130
- Cruet, Y.L.** see Le Cruet, Y.
- Cruikshank, D.W.J.** see Chablo, A. 1-28878
- Cruikshank, D.W.J.** see Moutran, R. 1-362
- Cruikshank, J.** see Pace, P. 1-46387
- Cruikshank, J.M.** see Pace, P.W. 1-1583
- Cruikshank, D.P.** see Degewij, J. 1-44503
- Cruikshank, D.P.** see Mills, R.L. 1-54408
- Crumley, R.J.** see Dhali, S.K. 1-38178
- Crummett, W.B.** see Bumb, R.R. 1-53426
- Crummett, W.P.** see Lander, G.H. 1-47623
- Crummett, W.P.** see Nicklow, R.M. 1-2582, 1-11820
- Crumpp, M.W., Lee, J.C.** Nonlinear transient analysis of light water reactor steam generators using an implicit Eulerian method 1-45637
- Crutcher, R.M.** on the Taurus dust cloud toward 3C 123 1-9599
- Crutcher, R.M.** see Blake, D.H. 1-9639
- Crutchfield, J.P.** see Huberman, B.A. 1-30884
- Crutchfield, J.P.** see Shaw, R.S. 1-26152
- Crutzen, P.J., Solomon, S.** Response of mesospheric ozone to particle precipitation 1-32569
- Crutzen, P.J.** see Berg, W.W. 1-36031
- Crutzen, P.J.** see Heidt, L.E. 1-40166
- Crutwell, P.** New optical systems for astronomical dimensional observation 1-27381
- Cruyce, J.M.** van den see van den Cruyce, J.M.
- Cruyce, J.M.** van den see Van den Cruyce, J.M.
- Cruz, A.** Radiometric and photometric quantities 1-5358
- Cruz, A.** see Alonso, J.L. 1-10278
- Cruz, C.H.** Brito see Brito Cruz, C.H.
- Cruz, F.de la** see de la Cruz, F.
- Cruz, S.** see Novaro, O. 1-46049
- Cruz-Gonzalez, C.** see Carrasco, L. 1-36281
- Cruz-Uribe, A., Trefney, J.** Compact heat switch for persistent current loops 1-40795
- Cryer, C.W.** The solution of the axisymmetric elastic-plastic torsion of a shaft using variational inequalities 1-33915
- Crystal, T.H.** see Cohen, J.R. 1-29478
- Crystal, T.L., Denavit, J.** Curvature and gradient drift effects on trapped-electron modes 1-11547
- Csanady, A., Imre-Baan, I., Lichtenberger-Bajza, E., Szontagh, E., Domolki, F.** Microanalytical examination of coloured anodized oxide layers 1-21813
- Csanak, G.** see Langhoff, P.W. 1-24196
- Csanak, G.** see Padial, N. 1-24198
- Csanak, Gy.** see da Paixao, F.J. 1-19192
- Csanay, S.** Colour checking of dyeing liquids with colorimeter in textile industry 1-23288
- Csati, E.** see Joo, I. 1-54057
- Csavinszky, P.** Introduction of the shell structure into the Thomas-Fermi energy density functional for neutral atoms 1-33398
- Csepes, Z., Gaal, I.** Thermotransport of volatile impurities 1-38597
- Cser, L., Kroo, N., Pacher, P., Simkin, V.G., Vasilyeva, E.V.** Epithermal inelastic neutron spectroscopy using a resonance detector 1-45774
- Csernai, L.P., Greiner, W.** Two-particle correlations in relativistic heavy-ion collisions caused by the hydrodynamical bounce-off 1-50621
- Csh, Z.** Szasz see Szasz Csh, Z.
- Csik, Z.** see Alexandru, H.V. 1-34343
- Csillag, L.** see Stefanova, M. 1-24394
- Csizmadia, I.G.** see Peterson, M.R. 1-51090
- Csizmadia, I.G.** see Poirier, R.A. 1-10628, 1-10629
- Csomor, A.** see Davis, D. 1-35685
- Csomor, D., Broucek, I., Prochadzka, D.** Map of maximum observed intensities of earthquakes in Hungary and southern Slovakia 1-54003
- Csonka, P.L.** High-modulation electron beams in storage rings 1-10561
- Csorna, S.E.** see Bebek, C. 1-33191
- Csorna, S.E.** see Chadwick, K. 1-33192
- Cityraky, J.** see Trsan, N. 1-29379
- Citroky, J.** Comments on 'Approximate calculation of leaky-mode loss coefficients for Ti-diffused LiNbO₃ waveguides' 1-29387
- Cubeddu, R., de Silvestri, S., Svetlo, O.** Subnanosecond amplified spontaneous emission pulses by nitrogen pumped dye laser 1-6550
- Cubeddu, R.** see Andreoni, A. 1-35074, 1-35828
- Cubicecotti, D., Lau, K.H.** Thermodynamics of vaporization of ZrL₂ in the univariant region: zirconium moniodide/zirconium 1-47220
- Cubicecotti, D.** see Krishnan, G.N. 1-35571, 1-48572
- Cubicecotti, D.** see Syrett, B.C. 1-3970, 1-33296
- Cubiotti, G., Giatempo, B.** A Cu overlayer on a Ni surface—the electron density of states 1-47723
- Cubitt, N.J.** see Norwood, C.J. 1-6816
- Cucchiara, A.** see Jaschke, M. 1-9524
- Cucinotta, V.** see Bonomo, R.P. 1-24175
- Cucolo, A.M., Pace, S., Vaglio, R., Lacquaniti, V., Marullo, G.** Frequency dependence of the quality factor of Nb-Bn₂O₇-Pb Josephson tunnel junctions 1-50157
- Cuculescu, I.** Electro-optical properties of two binary cholesteric mixtures 1-8041
- Cuculescu, I.** see Motoc, C. 1-34219
- Cuculo, J.A.** see Crater, D.H. 1-39304
- Cudby, M.E.A., Charlton, V., Briggs, D.** A sampler introduction probe for XPS studies of air-sensitive materials 1-18353
- Cuddihy, E.F.** Theoretical considerations of soil retention 1-13089
- Cuddihy, R.G.** see McClellan, R.O. 1-53832
- Cuddihy, R.G.** see Runkle, G.E. 1-9045
- Cuden, C.B., Mota, R.** Raman scattering of light in antiferromagnetic chromium 1-43120
- Cudenec, Y., Riou, A., Bonnin, A., Caillet, P.** Crystallographic and infrared study of iron and aluminum hydroxychromates 1-47063
- Cudlin, J.J.** see Garakhani, A. 1-28669
- Cudmani, L.C.** de see de Cudmani, L.C.
- Cue, N., Bonderup, E., Marsh, B.-B., Bakhru, H., Benenson, R.E., Haight, R., Inglis, K., Williams, G.O.** Transitions between bound states for axially channelled MeV electrons 1-25339
- Cuellar, E., Castro, G.** Photochemical and nonphotochemical hole burning in dimethyl-s-tetrazine in a polyvinyl carbazole film 1-33491
- Cueto, J.** del see del Cueto, J.
- Cuevas, A.** see Luque, A. 1-17204
- Cufaro Petroni, N., Maric, Z., Zivanovic, Dj., Vigier, J.P.** Baryon octet magnetic moments in an integer-charged-quark oscillator model 1-33138

- Cufaro Petroni, N., Vigier, J.P. Stochastic derivation of the Dirac equation in terms of a fluid of spinning tops endowed with random fluctuations at the velocity of light 1-23047
- Cuff, K.E. *see* Cox, M.E. 1-17591
- Cugley, J.A. *see* Cole, A.R.H. 1-24133
- Cugnola, A.M. *see* Radin, E.L. 1-17446
- Cugnon, J. Monte Carlo calculation of high-energy heavy-ion interactions 1-14539
- Cugnon, J., Koonin, S.E. Pion spectra and the geometry of nuclear collisions 1-50616
- Cugnon, J., Mizutani, T., Vandermeulen, J. Equilibration in relativistic nuclear collisions. A Monte Carlo calculation 1-50614
- Cui Changgeng *see* Zhang Dianlin 1-3192
- Cui Jun-zhi On problems of elastic contact with initial gaps 1-29630
- Cui Shi-zhi *see* Zheng Qing-zhang 1-18140
- Cui Shizhi *see* Zheng Qingzhang 1-27852
- Cui Shu-fan *see* Bai Nai-zhi 1-25257
- Cui Zhen-xing The influence of the reverse shock wave on the evolution of young supernova remnants 1-40548
- Cui Zhen-Yuan Exploring the fracture toughness K_{IE} and K_{IC} of a medium-strength steel plate using the surface-flaw test 1-39550
- Cui Zhiyu Preliminary study on some characteristic features of periglacial phenomena on Qinghai-Xizang Plateau 1-27163
- Cui-Feng Qu *see* Qu Cui-Qin
- Cui-lun Wu *see* Wu Cui-lun
- Cuisenier, M. *see* Maillard, J.P. 1-19090
- Cukier, R.I., Kapral, R., Lehenhaft, J.R., Mehaffey, J.R. On the microscopic origin of Stokes' law 1-38217
- Cukier, R.I., Kapral, R., Mehaffey, J.R. Effect of static correlations on the pair friction coefficient 1-38218
- Cukier, R.I., Kapral, R., Mehaffey, J.R. Kinetic theory of the hydrodynamic interaction between two particles 1-51892
- Culbertson, R.J., Feldman, L.C., Silverman, P.J. Atomic displacements in the Si(111)-(7 \times 7) surface 1-30536
- Culetto, F.J. Some speculations concerning Chevrel phases 1-16051
- Culham, J.R., Niessen, P. Low cost solar selective chromate conversion coatings applied to stainless steel substrates 1-21916
- Culhane, J.L. X-ray observations of clusters of galaxies 1-9689
- Culhane, J.L. *see* Blissett, R.J. 1-36434
- Culhane, J.L. *see* Hayes, M.J.C. 1-4979
- Culhane, J.L. *see* Siegmund, O.H.W. 1-9377
- Culick, F.E.C. *see* Kushner, M.J. 1-39645
- Culik, J.S., Chung, D.D.L. Thermal gravimetric analysis of graphite-bromine compounds 1-8614
- Culik, J.S. *see* Bardhan, K.K. 1-34584
- Cullen, A.P. Additive effects of ultraviolet radiation 1-43902
- Cullen, D.E. *see* Grudkowski, T.W. 1-41930
- Cullen, D.E. *see* Perkins, S.T. 1-42131
- Cullen, F.L. An X-ray study to follow the phase change of epitaxial layers of tin on indium antimonide 1-30601
- Cullen, G.W. *see* Duffy, M.T. 1-3604
- Cullen, G.W. *see* Kim, K.M. 1-3601
- Cullen, J.R. Partial charge ordering in magnetite 1-11735
- Cullen, J.R., Melamud, M., Hathaway, K. Elastic moduli of amorphous rare-earth alloys [TbFe₂, DyFe₂, Tb_{0.45}Fe_{0.55}] 1-20297
- Cullen, W.H., Watson, H.E., Taylor, R.E., Loss, F.J. Fatigue crack growth rates of irradiated pressure vessel steels in simulated nuclear coolant environment 1-43478
- Culler, V. *see* Feldstein, C. 1-40032
- Cullis, A.G. *see* Baeri, P. 1-30364, 1-38536
- Cullis, A.G. *see* Dean, P.J. 1-47712
- Cullis, A.G. *see* Rodway, D.C. 1-21603
- Cullis, C.F., Hirschler, M.M. Atmospheric sulphur: natural and man-made sources 1-40152
- Cullis, P.G. *see* Neumann, G.M. 1-8643
- Culshaw, B., Wilson, M.G.F. Integrated optic frequency shifter modulator 1-37631
- Culvabouse, J.W. Anhydrous iron sulfate: an example of weak ferrimagnetism 1-12279
- Culver, G.G. *see* Lienau, P.J. 1-48793
- Culver, R.B. Visual binaries among the barium stars. III. HD 126313 and γ Capricorni 1-49657
- Cumberbatch, T.J., Northrop, D.C. Bias-dependent radiation damage in diffused silicon solar cells 1-13143
- Cummack, C.H. An ionospheric ray tracing technique 1-32555
- Cumming, A.D.G., Smith, K.C.A. Energy spread and fluctuations in field emitted electron beams 1-402
- Cumming, J.B., Agoritis, V., Witkov, R. Absolute cross sections for the $^{23}\text{Al}(p,3p)^{24}\text{Na}$ reaction at 28 and 0.8 GeV 1-50598
- Cumming, J.B. *see* Loveland, W. 1-41090
- Cummings, A. Low frequency acoustic radiation from duct walls 1-1747
- Cummings, G.E. *see* Moieni, P. 1-5925
- Cummings, J.C. Diode-laser spectroscopy of the ν_3 Q branch of MoF₂ 1-24139
- Cummings, J.C. HF-laser performance of CO₂-laser-ignited mixtures of SF₆/H₂ and of S₂F₁₀/H₂ 1-24413
- Cummings, P.T. *see* Wright, C.C. 1-42278
- Cummings, S., Enderby, J.E., Neilson, G.W., Newsome, J.R., Howe, R.A., Howells, W.S., Soper, A.K. Chloride ions in aqueous solutions 1-7070
- Cummins, H.Z. *see* Trebin, H.-R. 1-38730
- Cumo, M., Farelo, G.E., Palazzi, G. Experimental advances on boiler heat transfer 1-28583
- Cun-kai Wu *see* Wu Cun-kai
- Cundall, R.B. *see* Purohit, S.C. 1-8917
- Cundiff, J.H. *see* Gagnon, W.F. 1-21232
- Cundy, D.C. *see* Allen, P. 1-36856, 1-36857
- Cundy, D.C. *see* Blitschau, J. 1-10190
- Cundy, D.C. *see* Dedden, H. 1-28311
- Cundy, D.C. *see* Fritze, P. 1-14431
- Cundy, D.C. *see* Grassler, H. 1-50414
- Cunha Belo, M.D. *see* Da Cunha Belo, M.
- Cuniffe, J. The justification and procurement of a nuclear power plant simulator 1-18810
- Cunningham, A.H. *see* Morrison, M.D. 1-37137
- Cunningham, A.J., O'Malley, T.F., Hobson, R.M. On the role of vibrational excitation in dissociative recombination 1-46141
- Cunningham, A.J. *see* Clark, J. 1-37136
- Cunningham, D.E., Frey, R.A., Velkey, D.E. An inexpensive variable-frequency microwave system for hyperthermia 1-22106
- Cunningham, J., Tobin, J. Efficiency of water dissociation to time-resolved hydrogen and oxygen pulses, through non-equilibrium processes on catalyst surfaces 1-39837
- Cunningham, J.R., Sontag, M.R. Displacement corrections used in absorbed dose determination 1-23861
- Cunningham, M. *see* Urano, M. 1-17352
- Cunlold, D. *see* Visconti, G. 1-22448
- Cunsolo, A., Foti, A., Imme, G., Pappalardo, G., Raciti, G., Saunier, N., Kim, B.T. Charge exchange reaction $^{12}\text{C}(\text{Li}, ^4\text{He})^{14}\text{N}$ 1-50517
- Cunti Li *see* Li Cunti
- Cuomo, J.J., Harper, J.M.E. Multicomponent film deposition by target biasing 1-8227
- Cuomo, J.J. *see* Cadieu, F.J. 1-25825
- Cuomo, V. *see* Ambrosone, G. 1-39819
- Cuomo, V. *see* Andretta, A. 1-39817
- Cuomo, V. *see* Bloisi, F. 1-39814
- Cuong Nguyen Ba *see* Ba Cuong Nguyen
- Cuperman, S., Mond, M. A numerical code for the phase-space boundary integration of water bag plasmas 1-51912
- Cuperman, S. *see* Gomberoff, L. 1-42157, 1-42158
- Cupp, R.E. *see* Schwiesow, R.L. 1-9263, 1-49405
- Cupta, R.C. *see* Roy, A. 1-34947
- Cur, N. *see* Sparrow, E.M. 1-37932
- Curado, E.M.F., Tsallis, C., Levy, S.V.F., de Oliveira, M. Extrapolated renormalization-group calculation of the surface tension in square-lattice Ising model 1-42977
- Curchod, A. *see* Hauck, B. 1-36295
- Curci, G., Furmansk, W., Petronzio, R. Evolution of parton densities beyond leading order. The non-singlet case 1-14324
- Curci, G. *see* Altarelli, G. 1-50419
- Curcio, M.E. Precision-machined optics for reducing system complexity 1-24540
- Cure, J. *see* Lumbroso, H. 1-10652
- Curelaru, I.M., Suoninen, E., Ahlqvist, P., Apell, P., Minni, E., Ronnhult, T., Strid, K.-G. Excited states in yttrium orthovanadate studied by electron-energy-loss spectroscopy and X-ray photoelectron spectroscopy 1-26322
- Curelaru, I.M., Wendin, G. Towards the understanding of the electronic structure of the VO₃³⁻ ion 1-10656
- Curie, D., Berry, D.E., Williams, F. Franck-Condon principle for ions and molecules in crystals under hydrostatic pressure 1-26169
- Curie, D. *see* Hitier, G. 1-53000
- Cur, R.F., Jr. *see* Kasper, J.V.V. 1-28906
- Cur, R.F., Jr. *see* Litfin, G. 1-18311
- Cur, R.F., Jr. *see* Steimle, T.C. 1-6293
- Curle, S.N. Calculation of the axisymmetric boundary layer on a long thin cylinder 1-1914
- Curmi, P.M., Harding, G.L. Surface texturing of copper by sputter etching with applications for solar selective absorbing surfaces 1-32038
- Curran, H.M. The use of organic working fluids in Rankine engines 1-48895
- Curran, J.E. Production of surface patterns by chemical and plasma etching 1-53317
- Curran, J.H. *see* Bawden, W.F. 1-44219
- Curran, J.S. The photocorrosion of n-cadmium telluride and its suppression 1-17074
- Curran, R.J. *see* King, M.D. 1-22487
- Curran, J. *see* Boag, J.W. 1-18955
- Curry, J.R. *see* Moore, G.F. 1-32400
- Current, M.I., Ching-Yeu Wei, Seidman, D.N. Single atom sputtering events. Direct observation of near-surface depleted zones in ion-irradiated tungsten 1-43231
- Currie, G.D., Leonard, C., Eitner, P., Orbits, G. Recent progress in thermoplastic light modulators 1-24487
- Currier, G. *see* Lawwill, T. 1-35819
- Curro, J.G. *see* Schaefer, D.W. 1-38233
- Curry, D.A. The relationship between fracture toughness and Charpy impact transition temperatures in mild steel 1-3901
- Curry, D.A. *see* Milne, I. 1-48514
- Curry, W.J., Dahlke, G.P., Galyon, G.T., Martin, H.J. Accurate thickness deposition control for chrome evaporation 1-8225
- Curry, W.J., Dahlke, G.P., Galyon, G.T., Martin, H.J. Planet inserts to hold wafers in planetary vacuum systems [RF sputter cleaning apparatus] 1-8450
- Curry, W.J., Dahlke, G.P., Galyon, G.T., Martin, H.J. Off-center E-gun deposition source in planetary evaporation system 1-12670
- Curry, W.J., Galyon, G.T., Giddings, J.J., Priz-zia, T.C. High-pressure sputtered metal 1-48258
- Curtel, R., Das Gupta, A. Validity of the viscous analogy of Hele-Shaw 1-29768
- Curti, G., Risitano, A. Coupled free, torsional and axial vibration of pre-twisted bars 1-37839
- Curtis, B.J., Kiess, H., Brunner, H.R., Frick, K. The preparation, electrical and electrophotographic properties of cadmium selenide thin films 1-34743
- Curtis, C.T. *see* Zahn, H.S. 1-50939
- Curtis, C.W. *see* Outola, J.A. 1-45809
- Curtis, G.H. *see* Fedak, I. 1-31128
- Curtis, G.J., Lloyd, P.A. Schizophonics, then and now 1-43620
- Curtis, J.C. *see* Sullivan, B.P. 1-51150
- Curtis, L. *see* Young, W.C. 1-11156
- Curtis, L.J. Theoretical estimates of quadrupole polarization and dynamical correlation effects in single-valence-electron ions 1-24273
- Curtis, L.J. An explicit empirical formula for fine-structure separations of $^2p^0$ and 2D terms for ions in the Cu isoelectronic sequence 1-46145
- Curtis, L.J., Ellis, D.G. Alkali-like spectra in the promethium isoelectronic sequence 1-28867
- Curtis, L.J., Martinson, J. Recent progress in atomic-structure investigations with fast-ion beams 1-29105
- Curtis, L.J. *see* Brooks, R.L. 1-6368
- Curtis, L.J. *see* Schectman, R.M. 1-1139
- Curtis, P.T. *see* Bader, M.G. 1-48454
- Curtis, R.T. *see* Guppy, J.G. 1-45696
- Curtis, S.B. *see* Tenforde, T.S. 1-8922
- Curtiss, L.A., Frurip, D.J. Ab initio molecular orbital calculations on beryllium and magnesium atom reactions with water 1-8540
- Curto, P.A. An update of OTEC baseline design costs 1-8738
- Curwen, P.W., Liles, A.W. Development of a free-piston variable stroke compressor for load-following electric heat pumps 1-35682
- Curzon, A.E., Singh, O. The changes produced in the electrical resistance of vacuum-condensed films of neodymium and praseodymium when they react with hydrogen and with air 1-42871
- Curzon, F.L. *see* Popil, R. 1-2780
- Cusack, N.E. *see* Gray, P. 1-16065
- Cusens, A.R., Besser, I.I. Elastic stress parameters in simply supported skew plates in flexure 1-19571
- Cushley, R.J., Gorrissen, H., Wassall, S.R. Deuterium and phosphorus-31 nuclear magnetic resonance of cholesteryl palmitate in dipalmitoylphosphatidylcholine model membranes 1-52848
- Cusicanqui, H. *see* Mahon, W.A.J. 1-44223
- Cusick, J.F. *see* Myklebust, J.B. 1-53914
- Cussonot, J.R., Fabry, M. Undergraduate experiment: half-lives thorium 232 and radon 220 1-5745
- Cusso, F., Jaque, F. Relationship between frequency and activation energy for relaxation of impurity-vacancy complexes 1-11785
- Cusson, R.Y., Castel, B. Isospin mixing in ^{18}O by use of pion and deuteron probes 1-50500
- Cusumano, C. *see* Boscinio, R. 1-7960
- Cutchmans, M.A. The effect of an arbitrarily located mass on the longitudinal vibrations of a bar 1-29602
- Cutie, S.S. *see* Bumb, R.R. 1-53426
- Cutileiro Indias, M.A. Solar selective surfaces: their use in medium and high-temperature collectors 1-4212
- Cutkosky, R.D. An automatic resistance thermometer bridge 1-36656
- Cutkosky, R.E. *see* Babcock, J.B. 1-23483
- Cutkosky, R.E. *see* Forsyth, C.P. 1-50424, 1-50426
- Cutler, C.C., Newton, S.A., Shaw, H.J. Limitation of rotation sensing by scattering 1-11110
- Cutler, C.C. *see* Yeack, C.E. 1-6730
- Cutler, C.P., Shaw, S.W.K. The interrelationship of γ size grain size and mechanical properties in IN-939, a cast nickel-base superalloy 1-31574
- Cutler, D.J., Hendra, P.J., Sang, R.D. Structure of polymers rapidly crystallized from their melts 1-38302
- Cutler, M. *see* Freyland, W. 1-12253
- Cutler, R.S., Gardiner, B.A., Sambucetti, C.J. Method for synthesis and dispersion of high coercive force magnetite particles 1-7899

- Cutnell, J.D., Dallas, J., Matson, G., La Mar, G.N., Rink, H., Rist, G. Pulse Fourier transform water suppression and underwater decoupling in aqueous solutions 1-41410
- Cutolo, A. Analysis of the interactions between a cooled mirror and a high power laser beam 1-6590
- Cutolo, A., Gay, P., Solimeno, S. Mirror deformations and wavefront aberrations caused by CW high power laser beams 1-1608
- Cutri, R.M., Rudy, R.J. Detection of the 3.3 micron feature in the Seyfert galaxy NGC 4151 1-44632
- Cutshall, N.H., Larsen, I.L. Peak-by-peak correction of Ge(Li) gamma-ray spectra for photopeaks from background 1-23941
- Cutter, M. see Sullivan, S. 1-41819
- Cutting, J.C. see Murthy, M.L.R. 1-53630
- Cuttler, J.M., Erven, J.H. An improved in-core flux detector assembly for CANDU reactors 1-10497
- Cuttler, J.M., Hepburn, G.A., Hinchley, E.M. A shutdown monitoring computer system for CANDU reactors 1-10498
- Cuvelier, P., Billard, J. Study of plastic crystals by the contact method 1-20082
- Cuvelier, J. see Mestdagh, J.M. 1-24213
- Cuyper, M. see Argentesi, F. 1-14608
- Cuyper, M. see Finzi, S. 1-14616
- Cuzzi, J.F. see Collins, S.A. 1-22721
- Cuzzi, J.N. see Pollack, J.B. 1-6477
- Cuzzocrea, P., DeRosa, A., Inglima, G., Perillo, E., Rosato, E., Sandoli, M., Spadacini, G. The $^{19}\text{F}(p,\alpha)^{18}\text{O}$ reaction and the quartet term 1-18624
- Cverna, F.H. see McNaughton, M.W. 1-41051, 1-45508
- Cvetic, M., Golli, B., Mankoc Borstnik, N., Rosina, M. Baryon-baryon potential in the non-relativistic quark model 1-28303
- Cvetic, M., Picman, L. Scattering states for a finite chain in one dimension 1-36572
- Cvetic-Krivic, M., Golli, B., Mankoc-Borstnik, N., Rosina, M. Dibaryon resonances with retarded decay 1-50427
- Cvikl, B., Srebotnjak, E., Dusic, M., Dimic, V., Kristof, E. Random torsional oscillation model for rotational molecular motion. Cold neutron scattering investigation of cholesterol propionate, nonanoate, and myristate 1-7079
- Cvitanovic, P. Planar perturbation expansion 1-36807
- Cvitanovic, P., Horsley, R. Exact solutions of the Altarelli-Parisi equations 1-498
- Cvitanovic, P., Hoyer, P., Zalewski, K. Parton evolution as a branching process 1-36845
- Cybulski, P. see Benjamin, A.S. 1-10495
- Cygier, M., Markowicz, T., Skolimowski, J., Skowronski, R. Conformation of the piperidine ring. IV. Investigations of 4-tert-butyl-4-hydroxy-2,2,6,6-tetramethylpiperidine derivatives 1-14889
- Cynader, M. see Harris, L.R. 1-48989
- Cyders, L. see Dutre, W.L. 1-17272, 1-17274
- Cyranski, R. The sublimation-trapping pump [electron tube technology] 1-277
- Cyrus, P.H., Heye, W. Finite phase change analysis and its application to copper single crystals 1-31565
- Cyrot, M. On the liquid glass transition 1-25412
- Cyrot-Lackmann, F. Elastic properties of a metallic glass relative to the crystal 1-7234
- Cyrot-Lackmann, F. A simple model for elastic constants of transitional metallic glasses 1-34394
- Cyrot-Lackmann, F. see Khanna, S.N. 1-30389, 1-30398, 1-30618
- Cyvin, B.N. see Cyvin, S.J. 1-6235, 1-24111
- Cyvin, S.J., Brunvoll, J., Cyvin, B.N. Molecular vibration analysis of cage-like P_6S_6 1-6235
- Cyvin, S.J., Neerland, G., Cyvin, B.N., Brunvoli, J. Condensed aromatics. Out-of-plane vibrations of naphthalene and pentaene 1-24111
- Cywinski, R. see Whittle, G.L. 1-7984, 1-7986
- Czachor, A. May disorder create frequency gaps in phonon spectra? 1-11832
- Czajewski, J. Chemotronic transducers 1-40780
- Czajka, R. see Chmiczak, E. 1-52999
- Czanderna, A.W. see Schissel, P. 1-12931
- Czanderna, W. see Robens, E. 1-47375
- Czank, M., Liebau, F. Periodicity faults in chain silicates: a new type of planar lattice fault observed with high resolution electron microscopy 1-20189
- Czapelski, M. see Grau, P. 1-7245
- Czapla, Z. see Mroz, J. 1-48011
- Czarnecka, M. see Nowak, Z. 1-2604
- Czarnecki, J., Dabros, T. Attenuation of the van der Waals attraction energy in the particle/semi-infinite medium system due to the roughness of the particle surface 1-31914
- Czarnecki, J., Jaroszyk, F., Sterzynski, T. Investigations on the influence of friction on various properties of the surface layer of polyamide 6 1-39462
- Czarnecki, L. see White, J.L. 1-2038
- Czarnecki, J., Jaronec, M. A stochastic approach to the kinetics of adsorption from binary gas mixtures on homogeneous solid surfaces 1-34586
- Czarnecki, J., Jaronec, M. Mass transfer kinetics of mixed gas adsorption in porous media 1-38668
- Czarnecki, J.J., Flakus, H.T. Steepest-descent algorithm for vibrational analysis calculations 1-28950
- Czarnecki, K. Rotational potential and equilibrium orientations of a H_3O^+ ion in solid phases of $\text{H}_2\text{O}/\text{ClO}_4$ 1-52094
- Czarski, A. see Rys, J. 1-48362
- Czechowsky, P. see Ruster, R. 1-36036
- Czekalski, M., de Milou, M.E., Kowalewski, V.J. A simple model of INDO spectra 1-19123
- Czerny, M., Jaroszyński, M. Hydrogen burning on accreting neutron star 1-17862
- Czerwon, H.-J. see Der, R. 1-31825
- Czerwonko, J. Autocorrelation functions of density and transversal current for $^3\text{He}(\text{B})$ in the collisionless regime 1-11946
- Czine, J. Medior Works' whole-body computer tomograph model 0100/0150 1-13320
- Cziraki, A., Fogarassy, B., Bakonyi, I., Tompa, K., Bagi, T., Hegedus, Z. Investigation of chemically deposited and electrodeposited amorphous Ni-P alloys 1-2340
- Cziraki, A., Fogarassy, B., Bakonyi, I., Tompa, K., Bagi, T., Hegedus, Z. Investigation of chemically deposited and electrodeposited amorphous Ni-P alloys 1-25166
- Czub, J., Fiutak, J. Theory of near-resonance scattering of a laser beam on alkali atoms perturbed by a foreign gas 1-28918
- Czubatyj, W. see Adler, D. 1-42814
- Czubatyj, W. see Madan, A. 1-7662, 1-39765
- Czubatyj, W. see Shur, M. 1-43782
- Czucha, E. Study of collision-induced absorption in dipole electronic transitions of alkali-rare gas atom pairs 1-29160
- Czyzak, S.J., Sonneborn, G., Aller, L.H., Shectman, S.A. Nebular and auroral transitions of [Ar IV] in some planetary nebulae 1-22859
- Da C. Viana, C.S. see Sowerby, R. 1-26511
- Da Costa, G. Real-time recording of light patterns in heavy hydrocarbons: a theoretical analysis 1-10029
- Da Costa, G. Self-focusing of a Gaussian laser beam reflected from a thermocapillary liquid surface 1-33776
- Da Costa, G. Thermocapillary self-focusing of a laser beam: a theoretical analysis 1-33777
- Da Costa, G., Calatroni, J. Thermocapillary liquids as transient photographic receivers 1-368
- Da Costa, G. see Calatroni, J. 1-1527
- Da Costa, J.M. see Albernhe, F. 1-49809
- Da Costa, L.N., Fryxell, B.A. Interaction between a high-velocity star and a hot dense cloud 1-40542
- Da Costa, R.C.T., Ferreira, G.F.L. Comments on a magnetic field associated with a nonstationary current distribution 1-33598
- Da Costa Viana, C.S., Davies, G.J., Kallend, J.S. The prediction of formability limits from texture data 1-43368
- Da Cunha Belo, M., Colin, D., Berge, Ph., Rouillon, Y. Stress corrosion of high-purity alloys of the type Inconel 600 1-39529
- Da Gama, M.M. Telo see Telo Da Gama, M.M.
- Da Hsuan Feng, Gilmore, R. Ground state phase transitions in nuclear systems 1-5684
- Da Hsuan Feng, Gilmore, R., Deans, S.R. Phase transitions and the geometric properties of the interacting boson model 1-50531
- Da Hsuan Feng see Cheng-Li Wu 1-14481
- Da Jornada, J.A.H. see Baumvol, I.J.R. 1-31077
- Da Paixao, F.J., Padial, N.T., Csanak, Gy., Blum, K. Spin-orbit coupling effects in parameters that describe electron-photon coincidence experiments 1-19192
- Da Ponte, M. Nunes see Nunes da Ponte, M.
- Da Ponte Nunes see Nunes da Ponte, M.
- Da Rosa, A.V. see Johnson, C.Y. 1-4696
- Da Silva, A. Ferreira see Ferreira Da Silva, A.
- Da Silva, A.J. see Franca, H.M. 1-14383
- Da Silva, B. Fidelis see Fidelis Da Silva, B.
- Da Silva, C.E.T. Gonçalves see Gonçalves da Silva, C.E.T.
- Da Silva, F.H. Lopes see Lopes Da Silva, F.H.
- Da Silva, J. Caetano see Caetano da Silva, J.
- Da Silva, J.C. Machado see Machado da Silva, J.C.
- Da Silva, X.A. see Palermo, L. 1-30899, 1-47868
- Da Silva Carvalho, H., Siswoyo, P., Thamrin, M., Vacquier, V. Terrestrial heat flow in the Tertiary Basin of Central Sumatra 1-32415
- Da Silveira, A. Hamiltonian of the massive Yang-Mills theory 1-438
- Da Silveira, A. Expressions for the current of the Dirac theory 1-45112
- da Silveira, R. Angular distributions of elastic and quasi elastic heavy-ion collisions. Pattern analysis 1-45534
- da Silveira, V.L.R. see Fleming, H. 1-5008
- Da Veiga, L.M. Altc see Altc Da Veiga, L.M.
- Da-Hua Yan see Yan Da-Hua
- Da-jun Feng see Feng Da-jun
- Da-san Zhan see Zhan Da-san
- Da-wei Zheng see Zheng Da-wei
- Da-yu Yang see Yang Da-yu
- Da-zhen Yun see Yun Da-zhen
- Daams, H. see Mungall, A.G. 1-36608
- Daams, H.J., Stojanov, C.G. Experimental determination of the population densities of the Ar $3p^4$ - $3p^3$ states in the non-equilibrium region of a fluid transpiration arc 1-42251
- Daams, J.M., Mitrovic, B., Carbotte, J.P. Simulation of the effects of paramagnons on a superconductor by a simple rescaling 1-34825
- Daams, J.M., Schachinger, E., Carbotte, J.P. Gap anisotropy in superconductors with paramagnetic impurities 1-42888
- Daams, J.M. see Schachinger, E. 1-12230
- Daasch, W.R. see Knight, L.B., Jr. 1-24173
- Dababneh, M.S., Kappula, W.E., Downing, J.P., Laperriere, F., Pol, V., Smart, J.H., Stein, T.S. Measurements of total scattering cross sections for low-energy positrons and electrons colliding with krypton and xenon 1-15015
- Dabizha, E.V. see Bunshah, R.F. 1-16721
- Dabkiewicz, P. see Buchinger, F. 1-628
- Dabkowski, A. see Berkowski, M. 1-8214
- Dabkowski, A. see Bracjewska, M. 1-5343
- Dabkowski, J. see Engels, J. 1-5601
- Dabolt, R.J. Design of air lift systems for transfer and measurements of radioactive liquids 1-18206
- Dabos, P. see Sanderson, A.C. 1-4382
- Dabosi, F. see Petit, J.A. 1-31718
- Dabosi, F. see Pieraggi, B. 1-47392
- Dabros, T. see Czarnecki, J. 1-31914
- Dabrowski, A., Jaronec, M. Effects of surface heterogeneity in adsorption from binary liquid mixtures. IV. Adsorption model with nonideal bulk phase and regular surface phase 1-16147
- Dabrowski, A.J. see Faile, S.P. 1-3585
- Dabrowski, A.J. see Slapa, M. 1-18952
- Dabrowski, J. see Boczak, B. 1-5058
- Dabrowski, P., Gabla, L., Pedrys, R. The excitation functions of 4s-4p and 3d-4p transitions in Ni atoms sputtered from metallic targets by Ar^+ ions 1-46079
- Dabrowski, R., Kenig, K., Raszewski, Z., Kedzierski, J., Sadowska, K. Synthesis and some physical properties of unsymmetrical 4,4'-dialkylazobenzene 1-2316
- Dac Tri, L. see Dard, J.-P. 1-43560
- Dachich, M., Gneysheva, K.G. Preliminary results of an investigation of the declination system of the Belgrade Observatory meridian circle 1-13691
- Dachraoui, M. see Vedel, J. 1-3620
- Dachs, H. see Jauch, W. 1-46957
- Dackus, A.J.G. see Landheer, D. 1-26636
- Dacol, D.K. Low-temperature critical phenomena in the spin-1/2 planar ferromagnet 1-30953
- Dacol, F.H. see Burns, G. 1-3404
- Dacorogna, M. see Ashkenazi, J. 1-38888
- Dadaev, A.N. A qualitative analysis of the emission spectrum of δ Lyrae 1-13810
- Dadayan, A.G. see Avundzjan, J. 1-37062
- Dadayan, K.A., Boreksov, G.K., Savchenko, V.I., Sadovskaya, E.M., Yablonski, G.S. A study of oxygen adsorption and hydrogen-oxygen reaction on the Ni(110) face by low-energy electron diffraction, Auger-electron spectroscopy, and mass spectroscopy 1-30545
- Dadd, A.T. see Hubberstey, P. 1-30708
- Dadd, M.J. see Carpenter, D.A. 1-8938
- D'Addario, L.R. Fourier reconstruction techniques in radio astronomy. A review 1-54381
- Dadriat, N.D. see Anghel, A.I. 1-12296
- Dado, S., Goldberg, J., Toaff, S., Av-Shalom, A., Grunhaus, J. Inclusive K^0 and Λ production in π^+d interactions at 24 GeV/c 1-32026
- Dado, S. see DiBianca, F.A. 1-45343
- Dadykin, A.A. see Yakimova, E.E. 1-21809
- Dae-Won Lee see Sekimoto, H. 1-28695
- Daehlin, T. see Lee, T.C. 1-15130
- Daehnick, W.W. see Kim, J.E. 1-41134
- Dacl, W. Van see Van Dacl, W.
- Daemen, T.E.G. see van der Berg, J.F.M. 1-35194
- Daetwyler, K., Osenbrun, G. Accurate control of the edge slope of thin films [Josephson junction technology] 1-53314
- Dafinei, A. see Logofatu, B. 1-34812
- Dafinei, I. see Logofatu, B. 1-34812
- Dafni, E., Rafailovich, M.H., Little, W.A., Sprouse, G.D. Influence of radiation damage on perturbed angular distributions: the PoPB system 1-36923
- Dafni, E. see Goldberg, M.B. 1-18542
- Daftari, I.K., Gupta, V.K., Kaul, G.L., Mangotra, L.K., Prakash, Y., Rao, N.K., Sharma, S.K., Singh, G., Aggarwal, M.M. Four-momentum transfer between groups of secondary particles in proton-nucleus interactions at 200 GeV 1-45370
- Daftari, I.K. see Kaul, G.L. 1-33267

- Dagan, L. *see* Hollworth, B.R. 1-33961
Dagan, S. *see* Botner, O. 1-37065
Dagata, J. *see* Baig, M.A. 1-33475
Dagdigian, P.J. Measurement of the vibrational state dependence of the LiH A $^2\Sigma^+$ dipole moment 1-1203
Dagdigian, P.J. Collisional vibrational excitation of lithium hydride 1-24207
Dagdigian, P.J. *see* Alexander, M.H. 1-10827
Dagdigian, P.J. *see* Diefenderfer, R.N. 1-28883
Dagenais, M., Downer, M., Neumann, R., Bloembergen, N. Two-photon absorption as a new test of the Judd-Ofelt theory 1-43170
Dagenais, M. *see* Prior, Y. 1-33748
Dagg, I.R., Read, L.A.A., Andrews, B. Collision-induced absorption in ethylene in the microwave and far-infrared regions 1-46080
Dagis, M.J., Skuchas, Yu.P. Dynamic range of a resistive microwave field intensity sensor and possibilities of range extension 1-5290
Dagkesamanskii, R.D. *see* Gubanov, A.G. 1-4988
Dagleish, P.A., Hayter, J.B., Mezei, F. The IN11 neutron spin echo spectrometer [with computer control] 1-33364
Dagliana, M.G. *see* Adamovich, M.I. 1-45317
Dagliana, M.G. *see* Fiorino, A. 1-50583
Dagman, E.E. *see* Gaisler, V.A. 1-40874
Dagneux, D. *see* Houzay, F. 1-8196
Dago, A.M., Puschkarovskii, D.Yu., Pobedinskaya, E.A., Belov, N.V. Crystal structure of δ -K₂[PO₃]₂, a new modification of the rare-earth metaphosphates KTR[PO₃]₂ 1-25230
Dago, A.M., Puschkarovskii, D.Yu., Pobedinskaya, E.A., Strelkova, E.E., Belov, N.V. TR₂Ge₂O₇(OH,F)₆, a new structural type in the series of rare-earth germanates 1-20166
Dago, A.M. *see* Puschkarovskii, D.Yu. 1-25225
Dagomier, R., Dumont, M. On the nonergodicity of the transverse magnetization in the transverse Ising model 1-42968
D'Agostino, M. *see* Bruno, M. 1-711, 1-23666, 1-28491
Dagron, C. *see* Rysanec, N. 1-30152
Daguinet, M. *see* Rocardes, F. 1-17265
Dagys, R.S. *see* Anisimov, F.G. 1-16261
Dah-Min Hwang *see* Shou-Yih Wang 1-6703
Dahan, M. Asymmetrical loading of a penny-shaped crack in an infinite transversely isotropic medium 1-11353
Dahan, M. Asymmetrical loading of a penny-shaped crack in an infinite transversely isotropic medium 1-29619
Dahan, M. *see* Koren, G. 1-29021
Dahl, J.R. *see* Tibury, R.S. 1-17496
Dahl, O.I. *see* Kennett, R.G. 1-33203
Dahl, P.F., Hahn, H. ISABELLE dipole and quadrupole coil configurations 1-45751
Dahl, P.F. *see* McInturf, A.D. 1-51005
Dahl, W., Krabiell, A. Influence of temperature and strain rate on yield strength of various ferritic steels 1-21540
Dahl, W., Rees, H. The influence of temperature and strain rate on the constants of the Ludwik equation 1-31525
Dahl, W., Roth, G. On the influence of overloads on fatigue crack propagation in structural steels 1-31657
Dahl, W. *see* Wanka, H. 1-53178
Dahl-Jensen, E. *see* Cockerill, D. 1-14742
Dahl-Jensen, I. *see* Cockerill, D. 1-14742
Dahlberg, E.D. *see* Umbach, C.P. 1-52680
Dahlberg, R. Solar energy as a global energy concept 1-21877
Dahlberg, R.C., Goodjohn, A.J., Goeddel, W.V. Advanced converters and the thorium cycle 1-758
Dahlberg, S.C., Musser, M.E. The temperature dependence of the surface photovoltage of nickel phthalocyanine films 1-12140
Dahlberg, S.C. *see* Musser, M.E. 1-25758
Dahlborg, U., Olsson, L.G. Static structure factors at small momentum transfers for some liquid metals by neutron diffraction 1-30033
Dahle, M.E., Haus, A.G. Factors affecting the experimental line spread function (LSF) measurement and modulation transfer function (MTF) calculation including deviation in characteristic curve shape [radiographic screen-film systems] 1-40915
Dahlen, F.A. *see* Smith, M.L. 1-32343
Dahler, J.S. *see* Bisgaard, P. 1-19177
Dahler, J.S. *see* Pesciyan, S. 1-42075
Dahler, J.S. *see* Nielsen, S.E. 1-51273
Dahler, J.S. *see* Ou, J.J. 1-46977
Dahlke, G.P. *see* Curry, W.J. 1-8225, 1-8450, 1-12670
Dahm, A.J., Betts, D.S., Brewer, D.F., Hutchings, J., Saunders, J., Truscott, W.S. Dispersion in the flow of ^3He -A and ^3He -B through a narrow rectangular channel 1-16132
Dahm, A.J. *see* Guenin, B.M. 1-42006
Dahm, E. *see* Buschbeck, F. 1-28037
Dahm, R.H. *see* Briggs, D. 1-21613
Dahmani, B. *see* Clairon, A. 1-36633
Dahme, W. *see* Trautman, W. 1-45489
Dahmen, H.D., Schulke, L., Zech, G. Contributions of weak interactions to the process $e^+e^- \rightarrow \pi^+\pi^-\rho^0\pi^0$ 1-5614
Dahmen, U. Further discussion of orientation relationships, surface reliefs and FCC-BCC transformations in steels 1-53171
Dahmen, U. The role of the invariant line in the search for an optimum interphase boundary by O-lattice theory 1-53172
Dahne, S., Becker, W., Scholz, M., Teuchner, K., Lucht, H., Schneider, H. Impulse fluorometer on the basis of lasers 1-31930
Dahr, M. *see* Dochat, G. 1-53653
Dai Genhua *see* Ma Dayou 1-33953
Dai Gao-cai, Song Xue-wen, Chen You-peng Study of the amorphous silicon-fluorine alloy and the doping effect of boron on its conductivity 1-52562
Dai Hai-Lung *see* Hai-Lung Dai
Dai Jian-hua *see* Zhao Lin 1-51406
Dai Qianhuan *see* Li Tingshu 1-38265
Dai Wensai, Hu Zhongwei On the origin of the solar system 1-22697
Dai Xian-xi On some new quantum interference effects of sub-harmonics 1-25820
Dai Yonglong On Markov chains with a potential 1-32908
Dai Yuan Song *see* Juh Tzeng Lue 1-7015
Dai-Hoon Lee *see* Hyong-Yong Ra 1-53168
Dai-Ryong Kim, Byung-Ha Yoon, In-Tak Nam Hot corrosion behavior of preoxidized nickel 1-12926
Dailbog, E.I. On the relation between spectra of electrons and bremsstrahlung X-radiation in solar flares 1-17811
Daidiuk, V., Groves, S.H., Hurwitz, C.E. Avalanche multiplication and noise characteristics of low-dark-current GaInAsP/InP avalanche photodiodes 1-33053
Daïdo, H., Ido, S., Matoba, M., Nakai, S., Yamanaka, C. Analysis of the dynamic characteristics of parasitic oscillation 1-11033
Daïdo, H. *see* Tomita, K. 1-4078
Daïdo, T. The effect of early contraction on the chemical evolution of the Galaxy 1-4980
Daïdo, Y., Miyauchi, E., Iwama, T. Measuring fiber connection loss using steady-state power distribution: a method 1-41838
Daïdoji, H. Molecular absorption spectra of aluminum, indium, silicon, tin and thallium salts 1-48765
Daïdoji, H. Molecular absorption spectra of beryllium, cerium, lanthanum, iron and platinum salts 1-48766
D'Aiello, R.V. *see* Duffy, M.T. 1-3604
Daïgne, G. *see* Boischot, A. 1-44434
Daïgne, G. *see* Lecauchaux, A. 1-49564
Daïgnieres, M. *see* Gallart, J. 1-41217
Daigo, M. *see* Akino, Y. 1-41273
Daiguiji, H., Nozaki, A. Analysis of transonic cascade flow using method of streamlines 1-24835
Daiguiji, H., Shirahata, H. A finite element analysis of unsteady diagonal cascade flows 1-24820
Daikoku, T. *see* Nakayama, W. 1-37922, 1-37923
Daikubara, T. *see* Kasahara, J. 1-9271, 1-44315
Dail, H.W. *see* Paalanen, M.A. 1-47327
Daillet, S. Atmospheric excitation of the annual wobble 1-35928
Daïmon, K. *see* Kato, E. 1-4073, 1-30202
Daïmon, M. *see* Nishikawa, T. 1-20407, 1-47243
Daïmon, N. *see* Nishikawa, T. 1-47243
Daïnis, A. Whole body and segment center of mass determination from kinematic data 1-17425
Daïno, B., De Marchis, G., Piazzolla, S. Speckle and modal noise in optical fibres. Theory and experiment 1-1709
Daïno, B. *see* De Marchis, G. 1-11128
Daïnton, J.B. *see* Barber, D.P. 1-5635, 1-28329, 1-28330
Daïnty, J.C. *see* Greenaway, A.H. 1-24356
Daïnty, J.C. *see* O'Donnell, K.A. 1-32629
Daïshima, S., Iida, Y. Identification of C₆H₁₀ and C₆H₁₂ alkylbenzene isomers by chemical ionization mass spectrometry 1-51314
Dajko, G. The application of electrochemical trace etching in neutron dosimetry 1-23944
Dak, H.C. *see* Murthy, A.S.N. 1-21887
Dak Sze Nien *see* Nien Dak Sze
Dake, S. *see* Munakata, H. 1-22655
Dakhenko, V.L. *see* Sandulyak, A.V. 1-8621
Dakhno, A.N., Emel'yanov, O.V., Lagunova, T.S., Shik, A.Ya. Magnetoresistance of inhomogeneous n-type InP crystals 1-20776
Dakhno, L.G., Koptev, V.P., Kravtsov, A.V., Lobachev, E.A., Makarov, M.M., Medvedev, V.I., Obrant, G.Z., Poromov, V.I., Sarantsev, V.V., Sirin, V.M., Sokolov, G.L., Tkach, L.N., Sherman, S.G., Shcherbakov, G.V. Measurement of the isobar $\Delta^- \Delta^+$ electromagnetic mass difference 1-40995
Dakhno, L.G. *see* Anisovich, V.V. 1-36967
Dakin, J.T. Viscous liquid films in nonradial rotating pipes. 1-1-37946
Dalafi, H.R. Microscopic description of anomalies in even rotational nuclei 1-18535
Dalal, N.S., Haley, L.V., Northcott, D.J., Park, J.M., Reddick, A.H., Ripesteer, J.A., Williams, D.F., Charlton, J.L. Influence of deuteration on the order-disorder phase transition of anthracene-tetracyanobenzene 1-2615
Dalal, N.S., Millar, J.M., Jagadeesh, M.S., Seehra, M.S. Paramagnetic resonance, magnetic susceptibility, and antiferromagnetic exchange in a Cr³⁺ paramagnet: potassium perchromate (K₃CrO₆) 1-47935
Dalal, N.S. *see* Ripesteer, J.A. 1-47958
Dalal, V.L. Analysis of amorphous silicon solar cells 1-32028
Dalal, V.L. *see* Nielsen, P. 1-47691
Dalba, G., Fornasini, P., Grisenti, R., Ranieri, G., Zecca, A. Absolute total cross section measurements for intermediate energy electron scattering. II. N₂, O₂ and NO 1-24252
Dalbera, J.-P. *see* Gautron, J. 1-16360
Dalbiez, J.P. *see* Drifford, M. 1-39116
Dale, B.W. *see* Drain, L.E. 1-2116
Dale, D. *see* Reinhard, R. 1-32590
Dale, J.H. *see* Roberts, L.D. 1-33428
Dale, J.M., Hulet, L.D., Pendyala, S. Low energy positrons from metal surfaces 1-50272
Dale, J.M. *see* Hulet, L.D. 1-50273
Dale, P.J., Matthews, L., Schroter, R.C. Finite element analysis of lung alveolus 1-35797
Dale, S.J., Cookson, A.H. Impulse breakdown of corrugated coaxial electrodes in compressed SF₆ 1-7034
Dale, S.J., Wootton, R.E., Cookson, A.H. Effects of particle contamination in SF₆ CGT systems and methods of particle control and elimination 1-20001
Dale, S.J. *see* Wootton, R.E. 1-7031, 1-11507
Dale, W.B. Possible development requirements towards the post accident containment of core debris 1-5860
Dale, W.D.T. *see* Rossy, P.J. 1-185
Dale Smith, R., Lohaus, P.H., Roles, G.W. NRC regulatory approach-disposal of low-level radioactive wastes 1-50846
d'Alessio, L. *see* Spoliti, M. 1-6240
Daley, C.G., Nelson, A.D., Andrews, L.T., Leighton, R.F., Goodenday, L.S., Baughman, J.H. Emission tomographic reconstruction by matrix inversion 1-17490
Dalgaro, A., Butler, S.E., Heil, T.G. Charge transfer of Ne⁺ with helium 1-6371
Dalgaro, A., Butler, S.E., Heil, T.G. Charge transfer of doubly charged oxygen ions in helium 1-37324
Dalgaro, A. *see* Butler, S.E. 1-22671, 1-32615
Dalgaro, A. *see* de Jong, T. 1-27580
Dalgaro, A. *see* Heil, T.G. 1-51286
Dalgaro, A. *see* Roberge, W.G. 1-54581
Dalgaro, A. *see* Uzer, T. 1-10792
Dalgleish, B.J., Pratt, P.L., Rawlings, R.D., Fakhr, A. The fracture toughness testing of ceramics and acoustic emission 1-8511
Dalgleish, J.F. Splices, connectors, and power couplers for field and office use 1-11118
Dalgleish, J.F., Lukas, H.H. A multi-channel hermaproditic optical fiber connector 1-41870
Dalglis, R., Katsch, R., Kerestes, Z. A simple instrument for measuring and nulling surface potential during sputtering experiments 1-285
Dalhoeven, G.A.M., Blasse, G. On the luminescence of the chromate CrO₄²⁻ complex 1-16594
d'Alli, G. *see* Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
Dalibart, M., Derouault, J., Forel, M.T. Structural study by IR and Raman spectroscopy of the coordination compounds: bis(pyridine)trichloroaluminum(II) and bis(pyridine)tribromoaluminum(III) 1-28970
Dalichik, F.I., Slonim, V.Z. Autoionization zones in electron-exciton complexes and their role in reflection of slow electrons by the surface of a solid 1-34208
Dalitz, R.H. Quarks in the context of few body physics 1-50378
Dalkarov, O.D., Ksenov, V.G. On the amplitude of lepton pair production in annihilation of a slow antiproton on a deuteron 1-36876
Dal'karov, O.D., Orlov, Yu.V., Tilyavov, A.A. On the quasi-tritium state in the pd system 1-41065
Dalkhazhav, N. *see* Abdrakhmanov, E.O. 1-722
Dall, H.E., Hysom, E.J., Ronan, C.A. A Dollond-Wollaston telescope 1-22681
Dalla Torre, S. *see* Birsá, R. 1-51060
Dallacasa, V. Kondo effect in U, Np and Pu metals 1-34698
Dallacasa, V. *see* De Renzi, R. 1-52882
Dallaire, R. *see* Cindrich, I. 1-17768
Dallas, J. *see* Cutnell, J.D. 1-41410
Dallas, W.J., Mauser, W. Preparing pictures for visual comparison 1-10930
Dalle Donne, M., Dörner, S., Schumacher, G. Borax as sacrificial material for an internal core catcher of a nuclear reactor 1-5887
Dalledone, B. *see* Lorenzini, E. 1-31974
Dallin, L.O. *see* Uegaki, J. 1-37083
Dallinger, R. *see* Dutta, P.K. 1-15046
Dallman, J.C. *see* Starkovich, V.S. 1-50102

- Dallman, R.J.,** Douglass, R.W. Convection in a rotating spherical annulus with a uniform axial gravitational field 1-1961
- Dalluge, R.W.** see Rasmussen, R.A. 1-40168
- Dally, J.W.,** Shukla, A. Energy loss in Homalite 100 during crack propagation and arrest 1-38440
- d'Almagne, B.** see Aston, D. 1-14399, 1-45297, 1-50442
- d'Almagne, B.** see Ferrer, A. 1-50463
- D'Alotto, V.** see Thomasz, E. 1-13326
- Dalpiatz, P.** see Altkofer, O.C. 1-45773
- Dalpiatz, P.** see Aubert, J.J. 1-5630
- Dalpiatz, P.F.** see Altkofer, O.C. 1-45773
- Dalpiatz, P.F.** see Aubert, J.J. 1-5630
- Dalski, M.E.** see Plumbirg, W.J. 1-48470
- Dalton, C.,** Chantarnavutana, B. Pressure distributions around circular cylinders in oscillating flow 1-37944
- Dalton, C.G.** see Krausse, G.J. 1-33368
- Dalton, L.R.** see Mailer, C. 1-44059
- Dalton, L.R.** see Robinson, B.H. 1-24299, 1-33482
- Dalton, T.K.** see Hunt, W.A. 1-4339
- Daltrophe, N.C.** see Egozy, Y. 1-8544
- Dalu, G.A.,** Green, J.S.A. Energetics of diabatic mesoscale circulation: a numerical study 1-54201
- Dalvi, A.G.L.,** Sastry, M.D., Joshi, B.D. A versatile thermoluminescence unit for radioactive samples 1-1041
- Daly, B.J.,** Harlow, F.H. A model of counter-current steam-water flow in large horizontal pipes 1-45633
- Daly, L.** From partial magnetizations to superimposed magnetizations: prospects and problems 1-49263
- Daly, P.** see Helps, J.D. 1-24334
- Daly, P.J.,** Kleinheinz, P., Broda, R., Lunardi, S., Backe, H., Blomqvist, J. Proton h_{1169} and octupole excitations in $^{66}\text{Dy}_{82}$ and $^{66}\text{Dy}_{83}$ 1-23550
- Daly, S.F.** The vagaries of variable viscosity convection 1-15482
- Daly, T.A.,** Matos, J.E. Comparative performance of a 10-MW generic reactor with HEU and LEU fuels 1-50729
- Daly, W.H.** Polymers as biomimetics—contributions of C.G. Overberger 1-27758
- Daly, W.O.,** Harness, J.B. The construction and use of energy diagrams 1-50091
- Dam, A.S.** Reactor plant pressure and temperature control during TMI-2 initial recovery 1-14658
- Dam, A.S.** see Patti, F.J. 1-18910
- Dam, A.S.** see Rao, S.N. 1-50841
- Dam, H.** van van Dam, H.
- Dam, H.** van van Dam, H.
- Dam, P.** see Cockerill, D. 1-14742
- Dam, S.H.** see Freedman, B.M. 1-45540
- Damaschini, R.** Grid spectrometer for visible and ultra-violet range 1-50238
- Damaske, D.** see Meyer, J. 1-54328
- Damaskin, B.B.** see Gerovich, V.M. 1-52400
- Damay, P.,** Lelieur, J.P., Devolder, P. Conduction electron spin resonance of lithium ammonia solutions in the range of the metal to nonmetal transition 1-26036
- D'Ambrogio, E.,** Tessoratto, M. Transport processes in a magnetized plasma 1-38064
- Damburg, R.J.,** Kolosov, V.V. A hydrogen atom in a uniform electric field. IV 1-45833
- Damburg, R.Ya.,** Kolosov, V.V. Perturbation theory for the Stark effect 1-14847
- Damen, T.C.,** Duguay, M.A., Wiesenfeld, J.M., Stone, J., Burrus, C.A. Picosecond pulses from an optically pumped GaAs laser 1-51529
- Damen, T.C.** see Liu, P.L. 1-51527
- Damerell, C.** see Daum, C. 1-14424, 1-28357
- Damerell, C.J.S.** see Berglund, A. 1-36881
- Dameri, M.** see Adamovich, M.I. 1-45317
- Dameri, M.** see Fiorino, A. 1-50583
- Damgaard, G.** see Cockerill, D. 1-14742
- Damgaard, S.,** Olesen, A.F.F., Petersen, J.W., Weyer, G. Radiogenic Sn impurity defects in germanium 1-38365
- Damgaard, S.,** Petersen, J.W., Weyer, G. Radiogenic Sn defects in ion implanted InP 1-47102
- Damgaard, S.** see Petersen, J.W. 1-42407
- D'Amico, K.L.,** McClellan, M.R., Sayers, M.J., Gay, R.R., McFeely, F.R., Solomon, E.I. Ultraviolet photoemission studies of the bonding of CO to the ZnO (1010) surface and its interaction with atomic hydrogen 1-17102
- D'Amico, N.** see Kanbach, G. 1-13792
- D'Amico, R.** see Acierio, D. 1-34391
- D'Amico, V.** see Arena, N. 1-50491
- Damjanovic, A.,** Yeh, L.-S.R., Wolf, J.F. Formation of oxide films at platinum anodes in alkaline solutions. I. Question of kinetics and mechanisms 1-16967
- Damjanovic, A.,** Yeh, L.-S.R., Wolf, J.F. Formation of oxide films at platinum anodes in alkaline solutions. II. Temperature study 1-21626
- Damjantschitsch, H.** see Kuhn, W. 1-23676
- Damm, C.C.** see Doggett, J.N. 1-50938
- Damm, E.P.,** Jr. Electrophoretic deposition using optical mask 1-8243
- Damm, E.P., Jr.,** Grobin, A.W., Jr. Data recording material for optical record 1-51582
- Damm, J.Z.,** Stepien-Damm, J. Effect of γ -irradiation on the lattice parameter and colour centre concentration in pure Ca^{2+} , Sr^{2+} and Eu^{2+} doped KCl crystals 1-52176
- Damm, J.Z.** see Mugenski, E. 1-16589
- Damm, K.** von von Damm, K.
- Damm, V.,** Glaser, S. Evolution of the oceanic crust in the southern North Atlantic and central East Pacific from geothermal and seismic data 1-40090
- Dammassch, D.,** Eichler, H.J., Schick, G., Eichler, J. Three-mirror reflector for frequency selection in high-gain lasers 1-33721
- Dammig, P.** see Bethke, C. 1-11264
- Damnjanovic, M.** see Bozovic, I.B. 1-7117, 1-20612
- Damon, P.E.** see Baldrige, W.S. 1-32394
- Damon, P.E.** see Best, M.G. 1-44178
- Damosso, E.,** de Renzi, G., Fedi, F., Migliorini, P. A systematic comparison of rain attenuation prediction methods for terrestrial paths 1-54163
- d'Amour, H.,** Denner, W., Schulz, H., Cardona, M. A stress apparatus for single crystal X-ray diffraction on a four-circle-diffractometer and its application on silicon 1-28006
- d'Amour, H.,** Holzapfel, W.B. X-ray diffraction on single crystals under pressure 1-28149
- Damour, T.** Point masses in general relativity 1-32877
- D'Amours, R.** see Lozowski, E.P. 1-49340
- Dampier, M.** see Harding, S.E. 1-39693
- Dan-di Wu** Neutrino-antineutrino oscillation 1-14302
- Dan-Di Wu** see Wu Dan-Di
- Dan-hua Qin** see Qin Dan-hua
- Dan-hui Li** see Li Dan-hui
- Dan-lian Wang** see Wang Dan-lian
- Dana, M.T.** SO_2 versus sulfate wet deposition in the eastern United States 1-13529
- Dana, R.A.** see Petrosian, V. 1-49749
- Danagulyan, A.S.** see Arustamyan, G.V. 1-18641
- Danagulyan, S.S.** see Avakyan, R.O. 1-45494
- Danaher, S.,** Fegan, D.J., Porter, N.A., Weekes, T.C. γ -ray observations of Cygnus X-3 at energies of 10^{12} eV 1-44672
- Dananau, E.** see Trimbis, I. 1-40076
- Danby, G.** see Bozoki, G. 1-45752
- Danby, G.** see Hsieh, S.Y. 1-45736
- Dance, G.P.,** Rogers, S.J. Interface effects and the propagation of well developed second sound pulse trains in thin slabs of solid ^4He 1-16141
- Dance, J.M.** see Tressaud, A. 1-52779
- Dance, M.** DVM reaches 10 nV sensitivity through novel front-end design 1-9973
- Dance, M.** Going solid state for X-band signal generation 1-36678
- Dancer, A.,** Franke, R., Buck, K., Smigielski, P., Stimpfling, A. A study by laser interferometry of the displacements of the tympanic membrane of guinea pigs under the action of pure and impulsive sounds 1-13252
- Dancer, A.** see Smigielski, P. 1-9066
- Danchura, W.** see Wasylishen, R.E. 1-14941
- Dancy, J.H.** see Botkin, N. 1-30532
- Dancz, J.,** Stettner, R. Modeling considerations of electromagnetic penetration into small apertures 1-33600
- Dancz, J.** see Stettner, R. 1-34139
- Danda, A.** see Grabianowski, A. 1-3780
- Dandache, H.** see Laheurte, J.P. 1-20501
- Dandekar, D.P.,** Dignam, J.F., Martin, A.G. Deformation of CIP/HIP-1 beryllium under shock compression 1-35340
- Dandekar, D.P.,** Martin, A.G., Kelley, J.V. Deformation of depleted uranium-0.78 Ti under shock compression to 11.0 GPa at room temperature 1-7258
- Dandekar, D.P.** see Asay, J.R. 1-7257
- Dandliker, R.** Heterodyne holographic interferometry 1-27929
- Dandliker, R.** Limits to miniaturization in optics 1-46208
- Dandoloff, R.** see Dohler, G.H. 1-30057
- D'Andrea, J.A.,** Gandhi, O.P., Lords, J.L., Durney, C.H., Astle, L., Stensaa, L.J., Schoenberg, A.A. Physiological and behavioral effects of prolonged exposure to 915 MHz microwaves 1-4326
- Dandridge, A.,** Miles, R.O., Giallorenzi, T.G. Diode laser sensor 1-24617
- Dandridge, A.,** Tveten, A.B., Miles, R.O., Giallorenzi, T.G. Laser noise in fiber-optic interferometer systems 1-6663
- Dandridge, A.,** Tveten, A.B., Miles, R.O., Jackson, D.A., Giallorenzi, T.G. Single-mode diode laser phase noise 1-46341
- Dandridge, A.** see Champion, J.V. 1-48100
- Dandridge, A.** see Jackson, D.A. 1-6659
- Dandridge, A.** see Miles, R.O. 1-37494
- Dandridge, A.** see Tveten, A.B. 1-5301
- Dandurand, J.-L.,** Schott, J. Law of mass action and the determination of thermodynamic parameters of minerals at low temperatures 1-39664
- Danel, J.-S.** see Olivier, M. 1-48179
- Danese, L.,** De Zotti, G. Dipole anisotropy and distortions of the spectrum of the cosmic microwave background 1-54663
- Daneu, V.** see Arnone, C. 1-38680
- Daneu, V.** see Cali, C. 1-6692
- Dang, C.,** Reid, J., Garside, B.K. Gain limitations in Te CO_2 laser amplifiers 1-15145
- Dang, G.** Do see Do Dang, G.
- Dang, K.** Le see Le Dang, K.
- Dang, V.D.,** Steinberg, M. Application of the fusion reactor to thermochemical-electrochemical hybrid cycles and electrolysis for hydrogen production from water 1-4216
- Dang, V.-D.** see Fillo, J.A. 1-50944
- Dang Hong Tiem** Free molecular flow around an upright dihedron 1-51819
- Dang Le Si** see Le Si Dang
- Dang Mo** see Mo Dang
- Dang Nyuan Nguen** see Nguen Dang Nyuan
- Dang-Nhu, M.** see Fox, K. 1-10719
- Dang-Nhu, M.** see Pine, A.S. 1-37198
- Dangayach, K.C.B.,** Bonner, D.C. Solvent interactions with polysiloxane 1-30565
- D'Angelo, N.** Field-aligned currents and large scale magnetospheric electric fields 1-9322
- d'Angelo, N.** see Alport, M.J. 1-38110
- D'Angelo, P.** see Albini, E. 1-23999
- D'Angelo, R.** see Diaz, R. 1-22159
- D'Angelo, S.** see Esposito, B. 1-36868
- Dangschat, H.** A new type of precision rotary table 1-27913
- Danichkin, S.A.,** Lopasova, T.A. Matching the parameters of the optical and spectral instrument in a lidar 1-15252
- Daniel, G.** Megalithic monuments 1-4784
- Daniel, H.** Theory of the Coulomb capture of negative mesonic particles 1-36964
- Daniel, H.,** Fottner, G., Hagn, H., Hartmann, F.J., Stoeckel, P., Wilhelm, W. Range and spectral-density measurements of very slow muons 1-51069
- Daniel, H.,** Pfeiffer, H.-J., Stoeckel, P., Von Egidy, T., Povel, H.P. Direct measurement of the transfer rate $p\mu + \text{Ar} \rightarrow p + \text{Ar}\mu$ at high gas pressure 1-10872
- Daniel, H.** see Reidy, J.J. 1-15043
- Daniel, H.** see von Egidy, T. 1-46175
- Daniel, H.** see Wilhelm, W. 1-28467
- Daniel, J.L.,** Coleman, J.E. Progressive changes in microstructure and composition during degradation of solar mirrors 1-13096
- Daniel, J.L.,** Thomas, M.T., Pederson, L.R. A study of solar mirror degradation using SEM, microprobe, Auger, and X-ray photoelectron spectroscopy 1-21847
- Daniel, J.-Y.** The inclination of the orbital plane of Cygnus X-1. A Monte Carlo study 1-49723
- Daniel, M.** Strongly first order phase transitions in GUTs 1-33143
- Daniel, M.F.,** Leadbeater, A.J. The structure of vapour-deposited arsenic sulphides prepared using a cooled (78K) substrate 1-20585
- Daniel, R.,** Butler, P.A., Irving, A.D., Nolan, P.J., Sharpey-Shafer, J.F. Decay modes of high spin states in light nuclei 1-45400
- Daniel, R.E.** see Wronski, C.R. 1-47710
- Daniel, W.J.T.** Performance of reduction methods for fluid-structure and acoustic eigenvalue problems 1-14009
- Daniel-Szabo, D.** see Konc, M. 1-52819
- Daniele, G.** see Bettarini, R.D. 1-4667
- Daniele, V.,** Montrosset, I., Zich, R. Boundary formulation of propagation problems in guiding structures for integrated optics 1-6686
- Danielewicz, E.J.** see Calloway, A.R. 1-46319
- Danielewicz, P.** see Namyslawski, J.M. 1-45161, 1-50623
- Danielewski, M.,** Mrowec, S., Stoklosa, A. Defect structure and diffusion in nonstoichiometric ferrous sulphide 1-7382
- Daniell, B.L.** see Clemow, A.J.T. 1-12889
- Daniels, J.M.** A note on the criteria for fitting functions to measured points 1-49934
- Daniels, P.G.** Conductive flow in a rotating box 1-15494
- Daniels, R.** New opportunities in soil survey for remote sensing 1-9296
- Daniels, W.B.,** Cladis, P.E., Keyes, P.A. Liquid crystals and plastic crystals at high pressure 1-38272
- Daniels, W.B.** see Schmidt, J.W. 1-39074
- Danielsen, M.** see Lindstrom, C. 1-11024
- Danielsen, M.** see Olesen, H. 1-11130
- Danielsen, E.** see Soderblom, L. 1-36209
- Danielson, G.C.** see Pan, P.H. 1-38550
- Danielson, G.E.** see Collins, S.A. 1-22721
- Danielson, L.-G.,** Dyrrsen, D., Granelli, A. Chemical investigations of Atlantis II and Discovery brines in the Red Sea 1-54103
- Daniil, P.** see Panayotides, L.A. 1-5341
- Danilatos, G.D.** Design of a fibre viscoelastometer 1-1900
- Danilatos, G.D.** An atmospheric Scanning Electron Microscope (ASEM) 1-23379
- Danilchenko, B.A.,** Krulikovskaya, M.P., Chirko, L.I. Investigation of the dependence of the disordering process in the alloy $\beta\text{-Cu-Zn}$ on the intensity of γ radiation 1-38405

- Daniilchenko, D.P.**, Zemlyanin, G.I., Chernysheva, S.P., Sheftel', V.M. Data selection in the analysis of auroral effects in the geoelectric field 1-4568
- Daniilchenko, V.A.** see Aivazov, M.I. 1-7141
- Daniilchenko, V.E.**, Lysak, L.I., Polishchuk, Yu.M., Ustinov, A.I. Martensite transformation and formation of twin martensite crystal orientations in steel 1-35257
- Daniilchenko, V.E.**, Ustinov, A.I. Singularities of the decomposition of martensite in quenched high-nickel steels 1-31416
- Daniilchenko, V.P.**, Krashenninnikov, S.Yu., Nosyrev, D.Ya., Freidin, A.S. Onset of 'trembling' circulating flow during two-component swirled jet propagation in a duct 1-15549
- Daniilchenko, V.P.**, Krashenninnikov, S.Yu., Nosyrev, D.Ya., Orlov, V.N. Characteristics of mixing in a turbulent gas flow beyond two-component nozzles in a channel 1-6851
- Daniilchuk, T.N.** see Andryushenko, E.D. 1-8218, 1-11842
- Danileiko, M.V.**, Dvoeglazov, A.M., Tesliko, A.M., Yatsenko, L.P., Shpak, M.T. High-contrast nonlinear resonances in an He-Ne/ I_2 ring laser 1-46399
- Danilenko, E.P.** see Popandopulo, A.N. 1-8321
- Danilenko, V.M.**, Kartuzov, V.V., Kartuzova, L.N., Minakov, V.N. Phase diagram calculation for the Ti-Mo system 1-31420
- Danilina, T.I.** see Bitner, L.R. 1-29418
- Danilkin, N.P.** see Vodolazkin, V.I. 1-22586
- Danilov, A.E.** see Basov, N.G. 1-6596
- Danilov, G.S.**, Dyatlov, I.T., Petrov, V.Yu. Evolution operator and quark structure of states in two-dimensional massless electrodynamics 1-5543
- Danilov, G.S.**, Dyatlov, I.T., Petrov, V.Yu. Configuration of a field with a topological number and the mechanism of charge screening in two-dimensional massless electrodynamics 1-33134
- Danilov, G.S.**, Dyatlov, I.T., Petrov, V.Yu. Confinement and properties of vacuum states in two-dimensional electrodynamics of massless quarks 1-45165
- Danilov, S.V.**, Dovger, L.S., Korolev, E.A., Prilezhaev, D.S., Sedov, B.M., Yagmur, V.Kh. Unique application features of ruby for manufacturing the active elements of a single-mode laser 1-1588
- Danilov, V.I.**, Modeev, Yu.I. Method of increasing the noise immunity of a microwave radiometer 1-18298
- Danilov, V.N.**, Mukhin, S.V. The formation of the edge of a sheet electron beam by an electrostatic field 1-33614
- Danilov, V.S.** Mechanism of bacterial luminescence 1-17362
- Danilov, V.V.** Possibility of amplification of surface magnetostatic spin waves in a paramagnetic crystal 1-25921
- Danilov, Yu.A.**, Kuznetsov, G.I., Smorodinski, Ya.A. On the symmetry of classical and wave equations 1-36810
- Danilov, Yu.M.**, Kondrat'ev, V.V. Calculation of mixed subsonic and supersonic gas flow in channels of complex form with partially permeable wall 1-29784
- Danilova, T.I.** see Egorkin, A.V. 1-54012
- Danilova, T.N.** see Bessolov, V.N. 1-42855
- Danilova, V.L.**, Degtyareva, K.M., Gruzinskiy, V.V., Kopylova, T.N., Maier, G.V., Tarasenko, V.F. Laser action in para-quinophenyl vapor pumped by XeCl laser radiation 1-6552
- Danilova, V.L.** see Gruzinskiy, V.V. 1-33679
- Danilovich, V.S.**, Ayupov, B.M., Vertoprakhov, V.N., Kuznetsov, F.A. Chemical heterogeneity of thermal silicon dioxide layers 1-30261
- Daniłowicz, R.L.** see Etters, R.D. 1-38614
- Daniyan, G.V.**, Vodennikov, B.D., Dronyayev, V.P., Novitskiy, V.V., Pavlov, V.S., Borovlev, C.P. Non-conservation of parity in fission of ^{235}U , ^{236}U and ^{240}Pu nuclei 1-50678
- Danilychev, V.A.** see Aleksandrov, V.V. 1-33700
- Danilychev, V.A.** see Averin, A.P. 1-34178
- Danilychev, V.A.** see Avrov, A.I. 1-46290
- Danilychev, V.A.** see Basov, N.G. 1-6578, 1-24389, 1-33716
- Danino, M.** Thermopower of the alkali metals at high temperatures 1-52549
- Danishberskiy, A.M.** see Areshev, I.P. 1-26158, 1-26165, 1-28075
- Danishberskiy, A.M.** see Asnin, V.M. 1-47704
- Danjo, K.** see Mizutani, T. 1-31908
- Danker, W.J.** see Amerine, D.B. 1-18849
- Dankers, P.** Relationship between median destructive field and remanent coercive forces for dispersed natural magnetite, titanomagnetite and hematite 1-35975
- Danko, J.**, Pacheco, D., Di Bartolo, B. Thermal behavior of the position and width of the 10488 Å line of Nd^{3+} in RbMnF_3 1-52988
- Danko, J.C.** BWR pipe cracking overview 1-50762
- Dankowich, J.A.**, Brockman, P., Edwards, K.W., Gandsman, J., Legacy, D., Longacre, R.S., Martin, J.F., Patel, P.M., Pawlicki, A.J., Prentice, J.D., Shabazzian, E., Stanton, N.R., Yoon, T.-S., Zanfino, C. Evidence for $I=1$ (A_1) and $I=0$ (H) axial-vector resonances in charge exchange 1-50460
- Danks, A.C.**, Denfeld, M. Near-infrared spectroscopy of Comet Bradfield 1979 1-54421
- Danks, A.C.** see Vettolani, G. 1-49699
- Danly, L.** see Tinsley, B.M. 1-44678
- d'Anna, A.**, de Socio, L.M., Renno, P. Three dimensional wave propagation in a semi-infinite relaxing continuum 1-2041
- D'Anna, E.**, Leggeri, G., Luches, A. Range-energy measurements of intense electron beams 1-42442
- D'Anna, S.** see Calkins, J.L. 1-35816
- Dannacher, J.**, Flamme, J.-P., Stadelmann, J.-P., Vogt, J. Unimolecular fragmentations of internal energy selected 1,3-butadiene cations 1-6314
- Dannacher, J.**, Stadelmann, J.-P., Vogt, J. Multi-event multichannel analyzer for the measurement of time-of-flight distributions of ions 1-36762
- Dannacher, J.** see Allan, M. 1-10851
- Dannacher, J.** see Bombach, R. 1-29035, 1-33501
- Dannefaer, S.**, Kupca, S., Hogg, B.G., Kerr, D.P. Temperature dependence of the annihilation of positrons in Si containing divacancies and quadrivacancies 1-39178
- Dannemann, K.A.** see Shatynski, S.R. 1-31747
- Dannenberg, J.J.** see Kassab, E. 1-17034
- Dannenberg, J.J.** see Rayez, J.C. 1-10668
- Danner, P.** see Lentz, A. 1-35159
- Dannesberg, H.** see Braun, A. 1-36620
- Danofsky, R.A.** see Huang, L.R. 1-23816
- Danofsky, R.A.** see Saleh, M. 1-50872
- Danon, J.** see Braga, M. 1-24307
- Danos, M.** Quartet effects in masses and in charge exchange reactions 1-10307
- Danos, M.** see Motz, J.W. 1-32261
- Danos, M.** see Rafelski, J. 1-18454
- Danot, M.** Low dimensionality solids 1-38324
- Danot, M.** see Tremblet, M. 1-47248
- Dansgaard, W.** see Hammer, C.U. 1-22305
- D'Antoni, C.**, Scanzano, P. An application of information theory: longitudinal measurability bounds in classical and quantum physics 1-18062
- D'Antonio, P.**, Konner, J.H. Computer program for radial distribution calculation from known bonding topologies 1-7039
- d'Antonio, P.**, Santoro, A. Powder neutron diffraction study of chemically prepared β -lead dioxide 1-15842
- Dantsiger, A.Ya.** see Fesenko, E.G. 1-34993, 1-43074
- D'Antuono, R.** see Barbieri, C. 1-9475
- Dantzer, P.**, Kleppa, O.J. Thermodynamics of the lanthanum-hydrogen system at 917K 1-35565
- Dantzer, P.G.**, Kleppa, O.J. High temperature thermodynamics of the yttrium-hydrogen systems 1-39606
- Dantzig, J.A.**, Tyler, D.E., Clumpner, J.A. Degassing of static melts by insoluble purge gases 1-12993
- Dantzig, R.** van see van Dantzig, R.
- Dantzig, R.** van see Van Dantzig, R.
- Danyluk, S.S.** see Borso, C.A. 1-40917
- Danyushin, V.I.** see Shumeiko, A.P. 1-33243
- Danz, P.** see Christoph, R. 1-44892
- Danzaki, Y.** see Hirokawa, K. 1-53520
- Danzner, K.**, Marx, G. Atomic emission spectrographic investigations on the determination of depth profiles of boride layers on ferrous materials 1-21830
- Danziger, I.J.** see Boksenberg, A. 1-49850
- Danziger, I.J.** see Goss, W.M. 1-27593
- Dao Kim Chi-Van** see Kim Chi-Van Dao
- Dao Minh Ngoc** On the problem of gas and liquid filtration in deformable porous media with dilatancy 1-29772
- Dao Trong Son** see Son Dao Trong
- Dao-le Yin** see Yin Dao-le
- Dao-qun Deng** see Deng Dao-qun
- Daou, J.N.**, Vajda, P., Lucasson, A., Lucasson, P. Magnetism in erbium-hydrogen solid solutions 1-7833
- Daou, J.N.**, Vajda, P., Lucasson, A., Lucasson, P. A resistivity study of the α phase in the system TmH(D) at low temperatures 1-20700
- Daou, J.N.**, Vajda, P., Lucasson, A., Lucasson, P. An investigation of solid solutions of hydrogen in thulium at low temperature and of their behaviour under electron irradiation 1-34679
- Daoust, G.**, Gelinas, L. Telecino: an interactive petrological and geochemical diagrams generator 1-49412
- Daoxing, X.** On the scattering matrix with indefinite metric 1-36816
- Daoxing, X.** On the representation of the local current algebra 1-36828
- Dapergolas, A.** see Bartolini, C. 1-17879
- Dapergolas, A.** see Marano, B. 1-17860
- Dapkus, P.D.** see Coleman, J.J. 1-1576, 1-46340
- Dapkus, P.D.** see Holonyak, N., Jr. 1-29281
- Dapkus, P.D.** see Ng, W.W. 1-46344
- Dappen, W.** An analytical version of the free-energy-minimization method for the equation of state of stellar plasmas 1-27483
- Dar, A.** see Berlad, G. 1-10226
- Darai, S.** see Schnabel, K. 1-22121
- Darbaizde, Ya.Z.**, Esakia, S.M., Garsevanishvili, V.R., Menteshashvili, Z.R. Problems of deep inelastic lepton-nucleus interaction 1-28326
- Darbaizde, Ya.Z.** see Garsevanishvili, V.R. 1-28469
- Darbo, W.** see Grindlay, J.E. 1-22848
- Darby, C.E.** see Binnie, C.D. 1-49139
- Darby, J.L.** Physical protection of advanced reactors 1-14596
- Darby, J.L.** Physical protection concepts for facility design 1-18773
- Darby, M.I.**, Read, M.N., Taylor, K.N.R. Band structures of zirconium hydrides 1-25608
- Darby, S.C.** see Reissland, J.A. 1-28724
- Darchiyeva, L.A.**, Ivanova, T.A., Sosnovets, E.N., Tverskaya, L.V. Variations of geomagnetic cutoff latitude of solar protons during strong geomagnetic disturbances 1-4727
- Dardel, G.** Von see Von Dardel, G.
- Darden, C.W.**, III see Freedman, B.M. 1-45540
- Dardi, P.S.**, Dykstra, C.E. An ab initio prediction of the $J=1-0$ transition frequency of HNCH^+ 1-19011
- Dardy, H.D.** see Edwards, P.L. 1-11273
- Dare-Edwards, M.P.** see Goodenough, J.B. 1-39809
- Darewych, J.W.**, Pooran, R. Upper and lower bounds in nonrelativistic scattering theory 1-94
- Dargevich, V.G.** see Bukin, L.A. 1-12528
- Dargis, A.B.** Digital inelastic electron tunneling spectrometer 1-50243
- Dargys, A.J.** see Kundrotas, J.P. 1-21108
- Daril, M.P.**, McMasters, O.D., Gschneidner, K.A., Jr. Diffusion of ^{198}Au in praseodymium single crystals 1-52351
- Daril, M.P.** see Dayan, D. 1-2632
- Daril, M.P.** see Mintz, M.H. 1-21715
- Darlenko, E.P.** see Skornyykh, G.P. 1-12510
- Darinskii, B.M.** see Gridnev, S.A. 1-7225
- Dario, P.** see de Rossi, D. 1-32227
- Darji, A.B.**, Shah, N.R. New spectrum of NiCl molecule in the near ultraviolet region 1-6272
- Darland, E.J.** see Rider, D.R. 1-46036
- Darlington, B.J.L.**, Chipperfield, C.G. Fracture in ductile materials from a design viewpoint 1-31666
- Darling, B.T.**, Imbeau, J.A. Integral equations for the study of EM radiations in the interior of a closed surface 1-81
- Darling, D.** see Oelfke, W.C. 1-50117
- Darlington, R.K.** see Cody, C.A. 1-52279
- Darlow, R.L.** see Wheeler, M.F. 1-24877
- Darmadi, A.** see Christen, D. 1-1405
- Darmanyan, S.** see Agranovich, V.M. 1-12559
- Darnaudey, J.P.** see Senegas, J. 1-38996
- Darolles, J.M.** see Abdalla, S. 1-17226
- Darriet, B.**, Hbika, A., Pezat, M. Partial substitution of magnesium by nickel, copper or zinc in CeMg_{12} : applications to hydrogen storage 1-20560
- Darriet, B.**, Pezat, M., Hagenmuller, P. Hydrogen storage using Mg-rare earth alloys rich in magnesium 1-43825
- Darriet, B.** see Pezat, M. 1-21938
- Darriet, B.** see Senegas, J. 1-38996
- D'Arrigo, G.** Heterophase fluctuations and thermodynamic properties in supercooled water 1-42518
- D'Arrigo, G.**, Sesta, B., La Mesa, C. Evidence of viscoelastic effects in highly concentrated aqueous solutions of the bile salt sodium deoxycholate by ultrasonic measurements 1-26920
- Darrigo, R.** see Schwebel, O. 1-42118
- Dartigue, M.** see Alnagi, O. 1-52123
- Dartigue, M.** see Alnagi, O. 1-52123
- Dartsev, V.D.** see Filimoncheva, P.I. 1-999
- Dartye, E.** see Bouchiat, H. 1-42302
- Dartye, J.M.**, Ferrieres, C. Ultramicrotomy in the transmission electron microscopy study of wear transfer films of carbon-fibre-reinforced polyimide resin 1-48636
- Darun Xiong** see Xiong Darun
- Darvas, Z.** see Balogh, L. 1-14098
- Darve, F.** A nonlinear incremental rheological law for solids 1-19591
- Darves-Blanc, R.** see Nguyen Van Sen 1-23701
- Darvill, D.C.** see Bartel, W. 1-45253, 1-45254
- Darvill, D.C.** see O'Neill, L.H., Jr. 1-50443
- Darville, J.** see de Fresart, E. 1-47341
- Darvoid, T.L.** see Artyushenko, V.G. 1-51575
- Darwent, J.R.**, Kalyanasundaram, K., Porter, G. Model systems for photosynthesis. VII. Chlorophyll a photosensitized reduction of methyl viologen by hydroquinones 1-8593
- Darwill, D.C.** see Bartel, W. 1-18500
- Darwish, M.**, Board, K. Switching in MISM structures 1-20875
- Darwish, M.** see Board, K. 1-2956, 1-16370, 1-34752

- Daryan, R.S., Pillai, P.K.C. A black liquid flat plate collector for economical applications 1-17255
- Darzi, M. see Lannefors, H.O. 1-54224
- Darzi, M. see Tanaka, S. 1-13533, 1-54168
- Darznick, S.A. see Bazhenov, S.L. 1-33695
- Das, A. On the quantum field theoretic origin of a class of Brans-Dicke scalars 1-36551
- Das, A., Namazi, M.A. Quadratic gauge fixing in Yang-Mills theories 1-45132
- Das, A. see Ngee-Pong Chang 1-5498, 1-5556, 1-10129, 1-45181
- Das, A.C. see Bujarbarua, S. 1-27340
- Das, A.C. see Sundaram, A.K. 1-36110
- Das, A.K. Brownian motion in magnetic field: a model for a semi-quantum stochastic process 1-32920
- Das, A.K. Note on stochastic dynamics in a Coulomb field 1-33608
- Das, B.K. see Jain, G.C. 1-30980, 1-39486
- Das, D., Dharwadkar, S.R., Chandrasekharaiah, M.S. Containment of molten uranium alloys in powder metallurgical tungsten containers 1-53399
- Das, D., Kumar, K. Hot isostatically pressed SmCo_5 magnets 1-8253
- Das, D. see Kumar, K. 1-8239
- Das, G., Benioff, P.A. A study of the minimum energy path of the reaction $\text{N}(\text{S}) + \text{O}_2(\text{S}) \rightarrow \text{NO}(\text{I}) + \text{O}(\text{P})$ 1-17028
- Das, G.C. Complete solution for a two-dimensional tanh-conductivity arc 1-15675
- Das, I. see Dubey, B.L. 1-30175
- Das, I.M.L., Singh, R.P. Self-focusing of whistlers 1-49447
- Das, I.M.L. see Singh, R.P. 1-13634
- Das, J.N., Bera, R.K., Patra, B. Elastic scattering of electrons by helium at intermediate and high energies 1-46129
- Das, K. see Fuchs, R. 1-53451
- Das, K.C. Axially symmetric solutions in general relativity 1-5181
- Das, K.P., Sili, S. Nonlinear resonant interaction of three extraordinary waves in a hot electron plasma 1-11536
- Das, K.P., Sluiter, F.W. On non-linear evolution equations of a three-dimensional extraordinary wave-packet propagating perpendicularly to an external uniform magnetic field including the effect of its interaction with magneto-acoustic wave 1-46884
- Das, K.P. see Dysthe, K.B. 1-51793
- Das, M.B. see Sriram, S. 1-30818
- Das, M.K., Kar, J., Tandon, J.N. Equilibrium structure of stars with radiation pressure in the presence of a magnetic field 1-17815
- Das, M.M. see Pai, S.I. 1-27182
- Das, M.P. Atomic electron binding energies in fermium 1-45810
- Das, N.C., Bhattacharya, S.K. Propagation of discontinuities in coupled magneto-thermo-elastic problems 1-1828
- Das, N.C. see Murty, M.V.R.K. 1-37580
- Das, P.K. Sensory nerve transection in the lateral-line system of three Indian fishes 1-49020
- Das, P.K. Numerical simulation of the Indian monsoon 1-49369
- Das, P.K. see Narlikar, J.V. 1-9710
- Das, P.P., Malathy Devi, V., Narahari Rao, K. Diode laser spectroscopy of the ν_6 band of $^{12}\text{CH}_2$ 1-37206
- Das, P.P., Malathy Devi, V., Narahari Rao, K. Diode laser spectra of acetylene: ν_5 region at 15 μm 1-37207
- Das, P.P. see Flaud, J.-M. 1-37204
- Das, S.K., Chakravarty, S.C. Heat transmission through jute-fibre packings at low temperature 1-20482
- Das, S.K., Roy, D. Pseudopotential study of lattice parameter and heat of formation for substitutional alloys 1-30139
- Das, S.K., Sengupta, P., Chakraborty, S.C., Chaudhury, A. A study of thermal conductivity of low conductivity materials between 90 and 300K 1-9987
- Das, S.K., Tripathi, R.S., Joshi, S.K. Spatial spin correlation function in spin glass 1-47899
- Das, S.K. see Basu, J. 1-42177
- Das, S.K. see Das Gupta, A. 1-49443
- Das, T., Misra, S.P. Effective quark mass and the magnetic structure of hadrons 1-14386
- Das, T.K. see Das Gupta, M.K. 1-54463
- Das, T.K. see Sengupta, S. 1-33224
- Das, T.P. see Coker, A. 1-12027, 1-12082
- Das, T.P. see Heijmans, P. 1-26057
- Das, T.P. see Schmidt, P.C. 1-20690
- Das, U.C., Verma, S.K. Digital linear filter for computing type curves for the two-electrode system of resistivity sounding 1-22512
- Das, V. Kesava see Kesava Das, V.
- Das Gupta, A., Maitra, A., Das, S.K., Sen, S.K. Ionospheric electron content observations during the total solar eclipse of February 16, 1980 1-49443
- Das Gupta, A. see Curtet, R. 1-29768
- Das Gupta, M.K., Das, T.K., Sarkar, S.K. The role of photospheric magnetic field in the development of solar flares 1-54463
- Das Gupta, S. see Cecil, G. 1-14542
- Das Gupta, S.R., Islam, Z., Majee, B. On the numerical evaluation of the H-functions of transfer problems in multiplying media 1-9356
- Das Sarma, S. Self-consistent theory of screening in a two dimensional electron gas under strong magnetic field 1-16245
- Das Sarma, S., Madhukar, A. Formation of an anomalous acoustic plasmon in spatially separated plasmas 1-12137
- Das Sarma, S. see Madhukar, A. 1-7725, 1-16352
- Das-Gupta, D.K., Doughty, K., Brockley, R.S. Charging and discharging currents in polyvinylidene fluoride 1-7996
- Dasgava, M.A. see Abdrhmanov, E.O. 1-722
- D'Asaro, L.A., Nakahara, S., Okinaka, Y. Electroless gold plating on III-V compound crystals 1-16705
- Dasch, C.J., Bechtel, J.H. Spontaneous Raman scattering by ground-state oxygen atoms 1-37147
- DasGupta, A. see Koch, C.C. 1-20933
- Dasgupta, A.K. On the production of suprathermal grains 1-17883
- Dasgupta, A.K. Probability of events in special relativistic sense 1-18009
- Dasgupta, B.B. Comments on 'Hydrogen atom in two dimensions' 1-40634
- Dasgupta, C., Ma, S.-K. Low-temperature properties of the random Heisenberg antiferromagnetic chain 1-3203
- Dasgupta, C., Pleuty, P. Real-space renormalisation-group study of the one-dimensional Hubbard model 1-42941
- DasGupta, P.S., Queeney, R.A. Fatigue crack growth rates in a porous metal 1-21575
- Dasgupta, R. see Frederick, J.E. 1-17652
- Dasgupta, S. see Hildebrandt, A.F. 1-21848
- Dasgupta, S.R., Bishnu, S.K. Exact solution of transport equation in finite multiplying media 1-36976
- Dasgupta, S.S., Slobodrian, R.J., Roy, R., Rioux, C., Lahlou, F. $^2\text{H}(\alpha, p)\text{n}$ reaction between 9.735 and 11.30 MeV 1-14530
- Dasgupta, S.S. see Slobodrian, R.J. 1-33263
- Dash, J.W. Color, flavor, duality, and the Pomeron 1-10166
- Dash, K.C., Roychaudhury, G. ^1H and ^{13}C NMR and infrared spectral studies on mixed ligand complexes of the type $\text{cis}[\text{Co}(\text{en})_2(\text{Im})\text{Cl}]_2$ 1-52852
- Dash, K.C. see Roychaudhury, C. 1-10716
- Dash, P.C., Pattnaik, K. Nonlinear wave in a diatomic Toda lattice 1-44859
- Dash, S.K. see Keshavamurthy, R.N. 1-49371
- Dash, S.S., Buti, B. Effect of hot ions on ion acoustic solitons and holes 1-42166
- Dash, U.N. Solute-solvent interactions and dissolution of some sparingly soluble silver salts in various solvent systems 1-38539
- Dashenkov, V.M. see Anisimov, V.Ya. 1-19497
- Dashkevskaya, E.I., Reznikov, A.I. Quasiclassical scattering of atoms in orbital-degenerate states 1-33535
- Dashkevskaya, S.G. see Gogish, L.V. 1-2055
- Dashkevskii, V.G. see Andrianov, V.M. 1-33442, 1-33443
- Dashkevskii, V.G. see Kozlov, A.S. 1-1210
- Dashkevskii, Yu.A. see Tabarovskii, L.A. 1-13620, 1-22552
- Dashkevskii, Z.M. see Lidorenko, N.S. 1-20887
- Dashian, N.B. see Boos, E.G. 1-5661
- Dashkina, S.I. see Churaev, V.A. 1-41966, 1-42199
- Dashner, P.A., Vanarsdale, W.E. A phenomenological theory for elastic fluids 1-37974
- Dashner, P.A., Vanarsdale, W.E. Shear and elongation in a theory for elastic fluids 1-37975
- Dashow, J. Spectra as chords 1-41928
- Dashuk, A.G., Grebenkov, A.Zh., Verzhinskaya, A.B., Ilyukhin, Yu.D., Gladki, N.F., Timofeev, B.D. Experimental investigation of the isobaric heat capacity and thermal conductivity of N_2O_4 -NO solutions in the liquid phase 1-52307
- DasSilva, R.F. see Aarons, J. 1-27338
- Daskal, Yu.I. Motion of droplets in a turbulent flow 1-29657
- Daskalakis, D. Solar energy applications in Greece 1-3974
- Daskalov, I.K. Deployment of microprocessors and microprocessor systems in clinical medicine 1-9053
- Daskalov, K., Nedzalkov, I., Slavchev, S. On the filling of an axial-symmetric cavity with a heavy incompressible viscous fluid 1-33992
- Daskhan, M., Khan, P., Ghosh, A.S., Falcon, C. Low-energy e^- -H scattering including adiabatic and nonadiabatic polarization potentials 1-46128
- Dass, I.M.L., Rai, V.N. Introduction to black holes and pulsars 1-4939
- Dass, N. see Mathpal, K.C. 1-13551
- Dasso, C.H. Collective motion in deep inelastic collisions 1-50634
- Dasso, C.H. see Broglia, R.A. 1-686, 1-23696
- Dassois, G. Second order low-frequency scattering by the soft ellipsoid 1-29435
- Dasson, C.H. see Broglia, R.A. 1-14552
- D'Astous, Y. see Roy, G. 1-7014
- Dastur, V.N., Leslie, W.C. The mechanism of rapid work hardening in Hadfield manganese steel 1-21480
- Data, N. see Dzhanba, R.N. 1-46746
- Datar, V.M., Baba, C.V.K., Acharya, S.N., Chittambar, S.A., Jain, H.C., Bhattacharjee, S.K., Warke, C.S. Radial quantum number selection rule in the beta decay of ^{203}Tl 1-5743
- Datar, V.M. see Rao, V.K. 1-53511
- Datars, W.R. see Coulter, P.G. 1-2860
- Date, M. see Takahashi, T. 1-34996
- Date, S.K. see Bharati, S. 1-12433
- Dateshidge, N.A. see Ratishvili, I.G. 1-25199
- Datsenko, B.M., Moroz, B.I., Kruglitskii, N.N. Structure formation during the sintering of binary systems in clay minerals 1-12694
- Datsko, O.I., Degtyar', E.P., Reutskaya, L.A., Beloshenko, V.A., Golubenko, I.I. Internal friction of cobalt at spin-reorientation transformations 1-42463
- Datsko, V.N. see Baibakov, V.I. 1-34735
- Datskyov, S.V. see Borisov, B.N. 1-33713
- Datt, I.D. see Balagurov, A.H. 1-8021
- Datt, R. Seismic velocity structure using array data 1-40074
- Datt, S.C. An assembly for measuring the DC conductivity of organic solids 1-33001
- Datt, S.C. see Ansari, M.H. 1-34405
- Datt, S.C. see Singh, R. 1-21113
- Datta, A. see Eriksson, L.-E. 1-1700
- Datta, A.K., Ganguli, N.R., Dutta Majumder, D. Acoustic features of consonants: a study based on Telugu speech sounds 1-46631
- Datta, A.K. see Mitra, G.B. 1-45047
- Datta, B.K. see Basu, U. 1-40682
- Datta, D.K., Sengupta, S. Self-consistent calculation of $1s_{2s}$ ^1S state wave function of helium 1-14808
- Datta, D.P., Mukherjee, S. Analytic continued fraction technique for bound and confined states for a class of confinement potentials 1-492
- Datta, K.K. see Saha, S. 1-1294
- Datta, M. see Banerjee, P.N. 1-42784
- Datta, P., Bondyopadhyay, D. Recombination model for hadron production 1-14434
- Datta, P.K. see Bonfield, W. 1-35315
- Datta, P.S., Desai, B.I., Gupta, S.K. Hydrological investigations in Sarmati basin. I. Ground-water recharge estimation using tritium tagging method 1-13497
- Datta, P.S., Gupta, S.K., Sharma, S.C. A conceptual model of water transport through unsaturated soil zone 1-22368
- Datta, R., Datta, S. Intercomparison of two personnel dosimetry devices: film badge and pocket chamber dosimeter 1-50948
- Datta, R.K. see Ghosh, R. 1-47995
- Datta, S., Boswarva, I.M., Holt, D.B. SEM cathodoluminescence studies of heat-treated MgO crystals 1-3498
- Datta, S., Dhilon, P.S., Holt, D.B., Juhasz, C. Cathodoluminescence and photoconductivity measurements on electrophotographic grade ZnO 1-21280
- Datta, S., Hunsinger, B.J. An analytical theory for the scattering of surface acoustic waves by a single electrode in a periodic array on a piezoelectric substrate 1-7446
- Datta, S., Hunsinger, B.J. An analysis of energy storage effects on SAW propagation in periodic arrays 1-24544
- Datta, S., Mandal, C.R., Mukherjee, S.C. Differential cross sections for excitation of the helium atom by proton impact 1-24216
- Datta, S. see Adler, R. 1-47713
- Datta, S. see Datta, R. 1-50948
- Datta, S. see Holt, D.B. 1-18340
- Datta, S. see Lentine, A.L. 1-24638
- Datta, S.K., Acharya, S. Estimation of thermal diffusion factor of N_2CO_2 gas mixture from thermal diffusion column data 1-11490
- Datta, S.K., De, D. Low temperature polarized spectra of hexahydrated 3d metal fluosilicates 1-52934
- Datta, S.K. see Davison, N.E. 1-36957
- Datta, S.N. Variational stability in Dirac-Hartree-Fock theory 1-6178
- Datta, T., Hermann, A.M., Deck, R.J., Somoano, R.B. Nordheim-Gorter like behavior and one carrier conduction in a quasi-one-dimensional system 1-7602
- Datta, T. see Perdev, J.P. 1-25651
- Datta-Ghosh, S. see Lichten, D.A. 1-10788
- Dattoli, G., Marino, A., Renieri, A. A multimode small signal analysis of the single pass free electron laser 1-29245
- Dattoli, G., Renieri, A. Storage ring operation of the free-electron laser: The oscillator 1-1538
- Dattoli, G., Renieri, A. The free-electron laser single-particle multimode classical theory 1-51438
- Dattoli, G., Renieri, A., Romanelli, F. More about the FEL coherence properties 1-15136
- Datnyer, A. see Pace, R.J. 1-7462, 1-11912, 1-30564

- Datz, S. *see* Annis, B.K. 1-14990
 Datz, S. *see* Cheung, J.T. 1-6345
 Datz, S. *see* Elston, S.B. 1-37347
 Datz, S. *see* Overbury, S.H. 1-26331
 Datzeff, A.B. On the structure of the electron 1-23457
 Dau, G. *see* Zebroski, E. 1-866
 Dau, W.D. *see* Altkofer, O.C. 1-45773
 Dau, W.D. *see* Aubert, J.J. 1-5630
 Daubert, T.E. *see* Riazzi, M.R. 1-2123
 d'Aubigne, Y.M. *see* Edet, P. 1-3468
 d'Aubigne, Y. *see* Merle *see* Merle d'Aubigne, Y.
 Dauchy, A. *see* Tan Ung Chan 1-10296
 Daudel, R. *see* Peterson, M.R. 1-51090
 Daudel, R. *see* Poirier, R.A. 1-10628, 1-10629
 Daudin, B. Thermal conductivity of amorphous $\text{La}_{70}\text{Cu}_{30}$ 1-47798
 Daudin, B. de Goer, A.M., Smith, S.H. Low temperature thermal conductivity of TmVO_4 and TmAsO_4 crystals 1-16119
 Daudin, B. *see* Laermans, C. 1-15936
 Daughney, C. *see* Owens, D.K. 1-25073
 Daughtry, J.W. *see* Bennett, R.A. 1-23743
 Daughtry, J.W. *see* Ombrellaro, P.A. 1-50720
 Daugman, J.G. Two-dimensional spectral analysis of cortical receptive field profiles 1-8868
 Daukny, V.I., Kazakevicius, K.A. Evaluation of thermal stress resistance of refractory ceramic materials in different temperature ranges 1-3914
 Daul, C., Schlapfer, C.W., Mohos, B., Ammeter, J., Gamp, E. Simulation of EPR-spectra of randomly oriented samples 1-52826
 Daul, C.A., Weber, J. The electronic structure and low-lying excited states of the ruthenium(II)tris(diimine) complex 1-41317
 Daultbakov, A.I. *see* Nurguzhin, N.N. 1-1008
 Daum, C., Hertzberger, L., Hoogland, W., Jongerius, J., Peters, S., Van Deuren, P., Chabaud, V., Gonzalez-Arroyo, A., Hyams, B., Tiecke, H., Weillhammer, P., Dwurazny, A., Polok, G., Rozanska, M., Rybicki, K., Turala, M., Turnau, J., Becker, H., Blunar, G., Cerrada, M., Dietl, H., Gallivan, J., Klanner, R., Lorenz, E., Lutjens, G., Lutz, G., Manner, W., Stierlin, U., Blakey, I., Bowler, M., Cashmore, R., Loken, J., Spalding, W., Thompson, G., Alper, B., Damerell, C., Gillman, A., Hardwick, C., Hotchkiss, M., Wickens, F. Evidence for the associated production of strange particles and ϕ mesons 1-28357
 Daum, C., Hertzberger, L., Hoogland, W., Peters, S., Van Deuren, P., Berglund, A., Chabaud, V., Hyams, B., Tiecke, H., Weillhammer, P., Dwurazny, A., Palka, H., Polok, G., Rybicki, K., Turala, M., Turnau, J., Zaleska, A., Becker, H., Blunar, G., Cerrada, M., Dietl, H., Gallivan, J., Glaubman, M., Klanner, R., Lorenz, E., Lutjens, G., Lutz, G., Manner, W., Stierlin, U., Blakey, I., Bowler, M., Cashmore, R., Loken, J., Spalding, J., Thompson, G., Alper, B., Damerell, C., Gillman, A., Hardwick, J., Wickens, F. Elastic and total $\pi^+\pi^-$ cross sections from a high statistics measurement of the reaction $\pi^+\pi^-\pi^+\pi^-$ at 63 GeV/c 1-14424
 Daum, C., Hertzberger, L.O., Hoogland, W., Jongerius, R.T., Knapiak, J., Spierenberg, W., Wiggers, L.W. Some features of a system of drift chambers for experiment NA11 at the SPS 1-14736
 Daum, H.J. *see* Berger, C. 1-5636, 1-10209
 Daum, H.J. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
 Daum, M. *see* Evseev, V.S. 1-50658
 Daumas, A., Santon, F. The effect of temperature gradients on the acoustic properties of a room 1-46626
 Daunant, I. Colomb de *see* Colomb de Daunant, I.
 Daunay, J., Baillou, J., Daunay, J., Bugnet, P. Electroabsorption in ZnSe cubic crystals 1-48036
 Daunay, J. *see* Daunay, J. 1-48036
 Daunis, M.A., Brazhenas, A.P. Resistance of mechanically nonuniform welds to deformation and fracture under one-time loading 1-12822
 Daunt, J.G. *see* Ezell, E.F. 1-42604
 D'Auria, A. Caramico *see* Caramico D'Auria, A.
 D'Auria, R., Fre, P. About bosonic rheonomic symmetry and the generation of a spin-1 field in $D=5$ supergravity 1-151
 D'Auria, R., Fre, P., Regge, T. Coupling of matter to supergravity from the rheonomic symmetry point of view and the origin of the auxiliary fields 1-23086
 D'Auria, R., Fre, P., Regge, T. Graded-Lie-algebra cohomology and supergravity 1-4824
 Dautcourt, G. Isotropic hypersurfaces in general relativity admitting groups of motions 1-23059
 Dautcourt, G. The two-point covariance function of galaxy clustering for extreme values of its argument 1-27623
 Dautcourt, G. A unified treatment of different approaches to clustering of galaxies 1-54644
 Dautov, G.Yu. *see* Belyakov, Yu.M. 1-15666
 Dautray, R., Wateau, J.-P. Inertial fusion by laser 1-50934
 Dautremont-Smith, W.C. *see* Hackwood, S. 1-39065
 Dauwe, C. The accurate measurement of weak three-photon annihilation by a simple triple coincidence technique 1-51063
 Dauwe, L.J. *see* Zissa, D.E. 1-33201
 Davami, P. *see* Goodwin, F.E. 1-26443
 D'Avanzo, D.C., Clare, C., Dell'Oca, C. Laser interferometer beam angle measurement for spreading resistance profiling 1-32957
 Davarashvili, O.I. *see* Shotov, A.P. 1-33689
 Dave, J.V. Simulation calorimetry of the Earth-atmosphere system 1-22492
 Dave, J.V. Effect of atmospheric conditions on remote sensing of a surface nonhomogeneity 1-44299
 Davelaar, J., Bleeker, J.A.M., Deerenberg, A.J.M. X-ray characteristics of Loop 1 and the local interstellar medium 1-36371
 Davelaar, J. *see* Manzo, G. 1-23935
 Daveloose, D. *see* Lettieri, F. 1-39956
 Davenas, J., Dupin, J.P., Vu Thien Binh, Dupuy, C.H.S. Characterization of different aggregation stages in implanted LiF crystals 1-2493
 Davenport, C.M. *see* Carpenter, D.A. 1-30141
 Davenport, J.W. Infrared intensity and the CO-metal bond 1-28964
 Davenport, M. *see* Adamovich, M.I. 1-45317
 Davenport, M. *see* Fiorino, A. 1-50583
 Davey, G. *see* Thome, J.R. 1-34467
 Davey, M.K. A quasi-linear theory for rotating flow over topography. II. Beta-plane annulus 1-51784
 David, B. *see* Gunkel, C. 1-52681
 David, C.W. Some results on aggregates of HF according to the polarization model 1-30024
 David, C.W. Phase transition in octomers of ice 1-38511
 David, C.W. Solvation of glycol zwitterion with water 1-53404
 David, C.W. *see* Stillinger, F.H. 1-6419
 David, C.W. *see* Turner, P.J. 1-37363
 David, D. *see* Pigache, D. 1-41675
 David, F. Cancellations of IR divergencies in two-dimensional chiral models 1-14272
 David, F., Pellat, R. Resonant absorption by a magnetic plasma at a rippled critical surface 1-2167
 David, F. *see* de Calan, C. 1-40923
 David, J., Wilkinson, I., Whalley, E.E. Heat Pumps 1-13154
 David, J. *see* Bournot, Ph. 1-39189
 David, M. *see* Hodes, G. 1-21888
 David, P., Debrus, J., Schulze, J., Van Der Plicht, J., Harakeh, M.N., Van Der Woude, A. Nuclear fission and giant resonance characteristics observed in fission of heavy nuclei 1-50686
 David, P. *see* Van Der Plicht, J. 1-10395
 David, S.K. *see* Gaikwad, M.G. 1-21105, 1-43060, 1-43206
 Davidenko, T.N. *see* Kuznetsov, V.V. 1-53112
 Davidge, R.W. *see* Tan, S.R. 1-43511
 Davidov, D. *see* Barberis, G.E. 1-26032
 Davidov, D. *see* Gandra, F.G. 1-21046
 Davidov, D. *see* Jacob, I. 1-7460
 Davidov, D. *see* Shinar, J. 1-7968, 1-47972
 Davidov, V.A., Donskov, S.V., Inyakin, A.V., Kachanov, V.A., Kakauidze, D.B., Khaustov, G.V., Kulik, A.V., Lednev, A.A., Mikhailov, Yu.K., Prokoshkin, Yu.D., Rodnov, Yu.V., Sadovsky, S.A., Starzov, A.V., Lagnaux, J.P., Binon, F., Bricman, C., Stroet, J.P., Roosen, R., Dufournaud, J., Peigneux, J.P., Gouanere, M., Sillou, D., Duteil, P. A hodoscope calorimeter for high energy hadrons: IHEP-IISN-LAPP collaboration 1-1023
 Davidovic, M. *see* Jovic, D. 1-30692
 Davidovic-Ristovski, G.S., Ristovski, Lj.M. Properties of optical excitations in polymers 1-39054
 Davidovich, A.G. *see* Zinovik, M.A. 1-12708
 Davidovich, D.I. *see* Timofeev, V.N. 1-16834
 Davidovich, L., Nussenzweig, H.M. Theory of natural line shape 1-14849
 Davidovich, R.L. *see* Petraschen, V.E. 1-3248
 Davidovich, V. *see* Epstein, S. 1-27963
 Davidovitch, R.L. *see* Grigas, J. 1-30297
 Davidovits, P., Faist, M.B. On the condensation sticking coefficient: a quantitative discussion 1-38524
 Davids, C.N. *see* Elwyn, A.J. 1-5788
 Davids, C.N. *see* Murphy, M.J. 1-14465
 Davidson, A. New wave phenomena in series Josephson Junctions 1-47799
 Davidson, A., Pati, J.C. The link between the emergence of the GIM mechanism and the nature of the neutral-current parity violation 1-14294
 Davidson, A., Wali, K.C. Neutrino masses and the next energy scale 1-28259
 Davidson, A., Wali, K.C. Multigeneration $\text{SU}(N) \times \text{SU}(N)$ flavor unifying schemes 1-45184
 Davidson, A., Wali, K.C. Horizontal flavor chirality, the canonical fermion mass matrix, and an alternative CP-nonconservation scenario 1-50345
 Davidson, A., Wali, K.C., Mannheim, P.D. Multigenerational flavor-color-hypercolor unification 1-18410
 Davidson, A.M. *see* Nicholas, J. 1-48054
 Davidson, C. *see* Elias, R.W. 1-54169
 Davidson, D.L. *see* Lankford, J. 1-43465
 Davidson, D.L. *see* Liaw, P.K. 1-39417
 Davidson, D.L. *see* Williams, D.R. 1-3884
 Davidson, D.W. *see* Garg, S.K. 1-14921
 Davidson, E.R., Feller, D., Phillips, P. Relativistic corrections for methylene 1-28886
 Davidson, E.R. *see* Feller, D. 1-24023, 1-51143
 Davidson, E.R. *see* Katriel, J. 1-14809, 1-19004, 1-29131, 1-49965
 Davidson, E.R. *see* Knight, L.B., Jr. 1-24173
 Davidson, E.R. *see* McCurdy, C.W. 1-1065
 Davidson, G.A., Jager, W. Turbulence and aerosol coagulation in high intensity sound fields 1-24774
 Davidson, J. *see* Abecasis, S.M. 1-14448
 Davidson, J. *see* Davidson, M. 1-41027
 Davidson, J. *see* Furber, B.N. 1-14587
 Davidson, J.N., Engel, A.W. A model for ripple transport in Tokamaks for realistic ripple contours 1-41242
 Davidson, K., McCray, R. SS 433 as a prototype of astrophysical jets 1-49670
 Davidson, K. *see* Kinman, T. 1-49788
 Davidson, K.L. *see* Fairall, C.W. 1-17645
 Davidson, K.L. *see* Gorch, A. 1-9230
 Davidson, M., Davidson, J., Mariscotti, M.A.J. Collective excitations in ^{89}Y 1-41027
 Davidson, M. *see* Abecasis, S.M. 1-14448
 Davidson, M.M., Edmonds, D.T., Mailer, J.P.G. Nitrogen and deuterium nuclear quadrupole resonance in lanthanum nicotinate dihydrate 1-47965
 Davidson, R.C., Uhm, H.S. Self-consistent Vlasov description of the free electron laser instability 1-10953
 Davidson, R.C. *see* Lau, Y.Y. 1-6964
 Davidson, R.C. *see* Uhm, H.S. 1-2181, 1-29244, 1-51016
 Davidson, R.H. Spent-fuel storage 1-41190
 Davidson, R.S. *see* Becroft, R.A. 1-29104
 Davidson, S.G. *see* Jerrard, R.J. 1-42840
 Davidson, T.E. *see* Frankel, J. 1-38615
 Davidson, W., McCrea, W.H. Atomic and gravitational metrics in cosmology 1-40583
 Davidson, W.F. *see* Alexeev, V.L. 1-639
 Davidson, W.F. *see* Koch, H.R. 1-10584
 Davidson, W.F. *see* Warner, D.D. 1-23539
 Davids, D. *see* Bodechtel, J. 1-4746
 Davier, M. e^+e^- physics: heavy quark spectroscopy 1-10235
 Davies, A.J., Donne, K.E. Trichel pulse corona in low pressure carbon dioxide 1-20011
 Davies, A.J., Evans, J.G. An analysis of the one-dimensional steady-state glow discharge 1-2269
 Davies, A.J., Evans, J.G., Marode, E., Segur, P. Simulation studies of the cathode fall and negative glow in helium 1-15718
 Davies, A.L. *see* Woods, W.J. 1-821
 Davies, A.R., Smith, K., Thomson, R.M. INJLO-K-a CO₂ laser injection locking code 1-24384
 Davies, A.R. *see* Court, H. 1-37976
 Davies, A.R. *see* Duck, F.A. 1-26978
 Davies, B. Difficulties with the inverse scattering transform method in quantum field theory 1-28163
 Davies, B.L. *see* Cracknell, A.P. 1-7118
 Davies, C. *see* Hitachi, A. 1-1348
 Davies, C.N. *see* Jayasekera, P.N. 1-46798
 Davies, D.E., Ryan, T.G., Lorenzo, J.P. Electron-pulsed diffusion of Se in GaAs 1-7187
 Davies, D. *see* Eirug Davies, D.
 Davies, D.H., Burstein, G.T. The effects of bicarbonate on the corrosion and passivation of iron 1-31726
 Davies, D.H., Burstein, G.T. The electrochemical behaviour of cobalt in bicarbonate and borate electrolytes 1-48553
 Davies, D.H. *see* Burstein, G.T. 1-48554, 1-48565
 Davies, D.K. Contact charge transfer dynamics 1-20855
 Davies, D.K. Measurements of electron transport, attachment, and ionization in HCl 1-37344
 Davies, D.K. *see* Chen, C.L. 1-37337
 Davies, D.R., Reeve, C. Seasonal prediction: can it be done? 1-17677
 Davies, E.B. Non-unitary scattering and capture. II. Quantum dynamical semigroup theory 1-28473
 Davies, G. Decomposing the IR absorption spectra of diamonds 1-48123
 Davies, G. *see* Burgemeister, E.A. 1-2511
 Davies, G. *see* Canham, L. 1-3458
 Davies, G. *see* Foy, C.P. 1-31127
 Davies, G.F. Mechanics of subducted lithosphere 1-27132
 Davies, G.F. Review of oceanic and global heat flow estimates 1-35958
 Davies, G.F. Exploratory models of the Earth's thermal regime during segregation of the core 1-40099
 Davies, G.F. Earth's neodymium budget and structure and evolution of the mantle 1-54034

- Davies, G.C., Heckingbottom, R., Ohno, H., Wood, C.E.C., Calawa, A.R. Arsenic stabilization of InP substrates for growth of Ga_{0.49}In_{0.51}As layers by molecular beam epitaxy 1-3633
- Davies, G.J. *see* Burke, M.A. 1-3782, 1-31491
- Davies, G.J. *see* da Costa Viana, C.S. 1-43368
- Davies, G.J. *see* Heckingbottom, R. 1-2481
- Davies, G.J. *see* Sowerby, R. 1-26511
- Davies, G.J. *see* Williams, R.J. 1-9001
- Davies, G.R. *see* Gibson, A.G. 1-43398
- Davies, H.A. *see* Cowlam, N. 1-3142
- Davies, H.A. *see* Donald, I.W. 1-11687, 1-20365, 1-26420, 1-31437
- Davies, H.A. *see* Kemeny, T. 1-34881
- Davies, H.A. *see* Sakata, M. 1-30086
- Davies, H.W., Llewellyn, J.P. Magneto-optic effects in ferrofluids 1-26175
- Davies, I.G.A., Bricheno, T., Goodwin, A.R., Plumb, R.G. A GaAlAs edge emitting LED with a launched power in excess of 1 mW [for digital optical links] 1-11170
- Davies, I.L. Damaging effects from the impact of missiles against reinforced concrete structures 1-841
- Davies, J.A. *see* Bottiger, J. 1-12618
- Davies, J.D. *see* Stanovnik, A. 1-23950
- Davies, J.E.D. *see* Cleaver, K.D. 1-35028, 1-35029, 1-35030
- Davies, J.G., Anderson, B., Morison, I. The Jodrell Bank radio-linked interferometer network 1-17766
- Davies, J.H., Rosicky, E., Esch, E.L., Noble, L.D., Rosenbaum, H.S., Armijo, J.S. Barrier fuel ramp tests at 14 to 20 MWd/kgU 1-45609
- Davies, J.H. *see* Mott, N.F. 1-47477
- Davies, J.J. *see* Dunstan, D.J. 1-26081
- Davies, J.J. *see* Patel, J.L. 1-52869
- Davies, J.J. *see* Verity, D. 1-21086, 1-43039
- Davies, J.K. *see* Allkofer, O.C. 1-45773
- Davies, J.K. *see* Aubert, J.J. 1-5630
- Davies, J.N. *see* Nakamura, K. 1-44160
- Davies, K. Radio beam studies of ionospheric irregularities 1-49450
- Davies, K. *see* Hukin, D.A. 1-26382
- Davies, K.T.R. *see* Cheuk-Yin Wong 1-14565
- Davies, K.T.R. *see* Sandhya Devi, K.R. 1-45529
- Davies, L., Dollimore, D. Theoretical and experimental values for the parameter k of the Kozeny-Carman equation, as applied to sedimenting suspensions 1-11447
- Davies, L.W. *see* Lam, Y.W. 1-48833
- Davies, M.E., Abalakin, V.K., Cross, C.A., Duncombe, R.L., Masursky, H., Morando, B., Owen, T.C., Seidelmann, P.K., Sinclair, A.T., Wilkins, G.A., Tjufin, Y.S. Report of the IAU Working Group on Cartographic Coordinates and Rotational Elements of the Planets and Satellites 1-4797
- Davies, M.R., Harris, C.K., Stinchcombe, R.B. Infinite- and finite-spin Ising chains at low temperatures 1-32925
- Davies, N.C. *see* Trevorton, J.A. 1-43699
- Davies, P. The search for gravity waves 1-27838
- Davies, P.B. *see* Cliff, D.I. 1-6247
- Davies, P.B. *see* Jones, H. 1-41664
- Davies, P.C.W. Quantum fields in curved space 1-18135
- Davies, P.C.W., Unwin, I.D. Quantum vacuum energy and the masslessness of the photon 1-28248
- Davies, P.G., Mackenzie, E.C. Review of SHF and EHF slant path propagation measurements made near Slough (UK) 1-40163
- Davies, P.G., Mackenzie, E.C., Courthold, M.J. Propagation measurements at the Appleton Laboratory (UK) using SIRIO carrier transmissions near 11.6 GHz 1-22378
- Davies, P.O.A.L., Bhattacharya, M., Coelho, J.L.B. Measurement of plane wave acoustic fields in flow ducts 1-24622
- Davies, P.O.A.L., Coelho, J.L.B., Bhattacharya, M. Reflection coefficients for an unflanged pipe with flow 1-24546
- Davies, R. *see* Jackson, P.C. 1-53862
- Davies, R.A. *see* Uren, M.J. 1-20844
- Davies, R.H. *see* Ambrose, D. 1-25447
- Davies, R.L. Observations of the dynamics of eight early-type galaxies 1-54627
- Davies, S.M., Murata, R.E., Talwar, B. Conceptual Design Study core design 1-10433
- Davies, T.J. *see* Moore, W. 1-8389
- Davies, T.J. *see* Nidkorn, B. 1-39439
- Davies, W.G. *see* Alexander, T.K. 1-34376
- Davies, W.G. *see* Ball, G.C. 1-18558
- Davila, C. *see* Gaffard, J.P. 1-46491
- Davini, C. One-dimensional problems in the stability of thin shells 1-29583
- Davis, A. Polymer films as ultraviolet radiation monitors 1-18907
- Davis, A. *see* Rao, Y.V. 1-51047
- Davis, A.C. *see* Cant, R.J. 1-10089
- Davis, A.D. The case for sophomoric mechanics 1-17968
- Davis, A.M.J. The torque on a rotating body in a liquid with a surfactant layer and its relation to the virtual mass of a heaving body 1-42057
- Davis, A.M.J., O'Neill, M.E., Brenner, H. Axisymmetric Stokes flows due to a rotlet or stokeslet near a hole in a plane wall: filtration flows 1-51859
- Davis, B.F. *see* Chung, K.T. 1-1371
- Davis, C.C. *see* Campillo, A.J. 1-8636
- Davis, C.M. *see* Tveten, A.B. 1-5301
- Davis, C.M., Jr. *see* Jarzynski, J. 1-18256
- Davis, D., Csomor, A. The new age of high performance kinetic energy storage systems 1-53685
- Davis, D., Lyon, R.H., Cann, R.G. Comments on 'Acoustical impulse response of interior spaces' [and reply] 1-15328
- Davis, D.A. *see* Klein, F.F. 1-35897
- Davis, D.D. Project Gametag: an overview 1-40200
- Davis, D.D., Heaps, W.S., Philen, D., Rodgers, M., McGee, T., Nelson, A., Moriarty, A.J. Erratum: Air-borne laser induced fluorescence system for measuring OH and other trace gases in the parts-per-quadrillion to parts-per-trillion range [Rev. Sci. Instrum. 50, 1505 (1979)] 1-26793
- Davis, D.D. *see* Chameides, W.L. 1-40171
- Davis, D.D. *see* Rodgers, M.O. 1-13584
- Davis, D.D. *see* Routhier, F. 1-40164, 1-44246
- Davis, D.F. *see* Smith, A.E. 1-854
- Davis, D.H. *see* Allasia, D. 1-23495
- Davis, D.L. TOFS—a timing optical fiber system 1-32961
- Davis, D.M. *see* Rockley, M.G. 1-53496
- Davis, D.S., Larson, H.P., Williams, M., Michel, G., Connes, P. Infrared Fourier spectrometer for airborne and ground-based astronomy 1-36178
- Davis, D.Scott *see* Scott Davis, D.
- Davis, E.A. Electronic properties of amorphous As and P 1-47632
- Davis, F.M. *see* Fan, J.C.C. 1-42643
- Davis, F.N. *see* Podgurski, H.H. 1-25433
- Davis, G.D., Viljoen, P.E., Lagally, M.G. Comparison of site-specific valence band densities of states determined from Auger spectra and XPS-determined valence band spectra in GeS (001) and GeSe (001) 1-16656
- Davis, G.T. *see* Broadhurst, M.G. 1-39041
- Davis, H.A., Cornet, E. Experimental techniques for determining the structure of high frequency waves impressed on an intense relativistic electron beam 1-1478
- Davis, H.A. *see* Cornet, E. 1-46920
- Davis, H.L. *see* Noonan, J.R. 1-11965
- Davis, H.T., Scriven, L.E. Gradient theory of fluid microstructures 1-42276
- Davis, H.T. *see* Carey, B.S. 1-38616
- Davis, H.T. *see* Child, S.Z. 1-35846
- Davis, H.T. *see* Evans, D.F. 1-47268
- Davis, H.T. *see* Foreman, L. 1-51904
- Davis, H.T. *see* Kleban, P. 1-51903
- Davis, J. *see* Jacobs, V.L. 1-6929
- Davis, J. *see* Kallne, J. 1-18686
- Davis, J. *see* Whitney, K.G. 1-15606
- Davis, J.H. *see* Bloom, M. 1-5348
- Davis, J.K., Jackson, C.J., Scott, I. The relationship between feed rate and point angle of a twist drill bit when drilling bone 1-49168
- Davis, J.L., Mims, W.B. Use of a microwave delay line to reduce the dead time in electron spin echo envelope spectroscopy 1-50184
- Davis, J.L. *see* Topp, G.C. 1-17710
- Davis, J.R. *see* Lindholm, F.A. 1-8724
- Davis, J.R. *see* Rohatgi, A. 1-13130
- Davis, J.R., Jr. *see* Rohatgi, A. 1-32015
- Davis, K.L., Weller, J.F. Surface acoustic wave planar prism waveguide coupler 1-37732
- Davis, L., Jr. *see* Smith, E.J. 1-40385
- Davis, L.C. *see* Feldkamp, L.A. 1-21325, 1-26368
- Davis, L.E. *see* Wagner, C.D. 1-20293
- Davis, L.W., Patsakos, G. TM and TE electromagnetic beams in free space 1-37389
- Davis, M. *see* Jacobs, V.L. 1-6929
- Davis, M.B., Spear, R.W., Shane, L.C.K. Holocene climate of New England 1-49380
- Davis, M.E., Conger, W.L. An entropy production and efficiency analysis of the bunsen reaction in the general atomic sulfur-iodine thermochemical hydrogen production cycle 1-17313
- Davis, M.J., Stechel, E.B., Heller, E.J. Quantum in classically integrable an non-integrable regions 1-14036
- Davis, M.J. *see* Heller, E.J. 1-14964, 1-37169
- Davis, M.R., Winarto, H. Jet diffusion from a circular nozzle above a solid plane 1-19776
- Davis, M.R. *see* Tang, N.T. 1-51854
- Davis, M.S. *see* Fajer, J. 1-53757
- Davis, M.V. *see* Mahaffey, J.A. 1-37004
- Davis, P. *see* Ushida, N. 1-546
- Davis, P.A., Jr. *see* Murrell, M.T. 1-54431
- Davis, P.M. *see* Sharp, A.D.L. 1-9140
- Davis, P.R. *see* Feinauer, L.R. 1-5933
- Davis, P.T. *see* Andrews, J.T. 1-36052
- Davis, R. *see* Buchanan, D.J. 1-9101
- Davis, R. *see* Carter, A.C. 1-11171
- Davis, R. *see* Derrick, M. 1-45261
- Davis, R.B., Pasupathi, V., Stellrecht, D.E., Fish, R.L. Remote characterization of spent LWR fuel for geologic disposal demonstrations 1-23820
- Davis, R.B. *see* Krogness, J.C. 1-5918
- Davis, R.C. *see* Menon, M.M. 1-985
- Davis, R.E. *see* Lund, I.A. 1-4616
- Davis, R.E. *see* Stebbins, R.T. 1-27475
- Davis, R.E. *see* Weller, R.A. 1-27254
- Davis, R.F., Kevan, S.D., Rosenblatt, D.H., Mason, M.G., Tobin, J.G., Shirley, D.A. Substrate-dependent C(1s) shape resonance in CO overlayers on Ni(111) and Ni(001) 1-21324
- Davis, R.F. *see* Carter, C.H., Jr. 1-12948
- Davis, R.F. *see* Herber, R.H. 1-31067
- Davis, R.F. *see* Hong, J.D. 1-16087, 1-25495
- Davis, R.F. *see* Kevan, S.D. 1-42636
- Davis, R.F. *see* Yu, B.B. 1-38585
- Davis, R.J. *see* Treves, A. 1-49720
- Davis, R.O. *see* Berrill, J.B. 1-53997
- Davis, R. Wellington *see* Wellington Davis, R.
- Davis, S. *see* Kristof, S.J. 1-9299
- Davis, S. *see* Owens, D.K. 1-25073
- Davis, S.H. *see* Grotberg, J.B. 1-32159
- Davis, S.H. *see* Neitzel, G.P. 1-46725
- Davis, S.J., Hanks, L. Optically pumped iodine monofluoride B¹I(O⁺)—X²⁺ laser 1-24400
- Davis, S.J. *see* Clyne, M.A.A. 1-24232
- Davis, S.L. *see* Strachan, J.D. 1-45729
- Davis, S.P. *see* Phillips, J.G. 1-4759
- Davis, T. *see* Gottesman, S.R. 1-10260
- Davis, T. *see* Overcash, D.R. 1-42673
- Davis, W.A., Cordaro, J.T. Time-domain SEM [singularity expansion method] 1-1466
- Davis, W.J. *see* Wientzen, R. 1-46526
- Davis, W.R., Moore, F., Downs, A.M. The hot-wire method for the determination of thermal conductivity: castables and modifications to the standard method 1-50130
- Davis, W.R. *see* Atkins, W.K. 1-5484
- Davis, W.R. *see* Norris, L.K. 1-9911
- Davis, W.S., Richard, J.-P. Observation of well-behaved noise and fluctuations in a gravitational-radiation antenna at liquid-helium temperatures 1-23098
- Davis Clements, L., Lee, Y.F. Convective heat transfer with a periodic longitudinal heat flux variation 1-29697
- Davis Philip, A.G. *see* Hauck, B. 1-49613
- Davison, A.M. *see* Fung, S. 1-47699
- Davison, N.E., Gregoire, G., Delbar, T., Grotowski, K., Datta, S.K. The Be(α ,Li)⁸Li(g.s.) reaction 1-36957
- Davletov, A., Petrova, A.G., Guseinov, F.A. Using solar-energy storage units for heating and refrigeration service 1-17302
- Davoli, I. *see* Chen, C.Y. 1-35047
- Davoust, E., De Vaucouleurs, G. Velocity fields in late-type galaxies from Ha Fabry-Perot interferometry. II. Kinematics and dynamics of the Sd spiral NGC 7793 1-49535
- Davoust, E. *see* De Vaucouleurs, G. 1-9645
- Davydenko, L.S., Shmatok, L.K. Refining the character of the crystallization of glasses in the GeO₂-2Na₂O-9GeO₂ system 1-42322
- Davydov, A. *see* Glebkina, A.A. 1-39229
- Davydov, A.B., Noskova, L.M., Ponikarov, B.B., Ugodnikova, L.A. Magnetic susceptibility of Hg_{1-x}Mn_xTe compounds 1-38905
- Davydov, A.B., Ponikarov, B.B., Tsidilkovskii, I.M. Peculiarities of the magnetoresistance of Hg_{1-x}Mn_xTe 1-2989
- Davydov, A.D. Anodic solution of alloys in the electrochemical dimensional shaping of components 1-43585
- Davydov, A.S. A theory of the motion of an extra electron in quasi-one-dimensional structures 1-25717
- Davydov, A.S., Enol'skii, V.Z. Motion of an excess electron in a molecular chain with allowance for interaction with optical phonons 1-29158
- Davydov, A.V., Novikov, V.M., Romasheva, P.I. Hyperfine interaction of ⁶⁵Cu nuclei with the external magnetic field in a Heusler alloy (Cu₂MnAl) 1-26082
- Davydov, A.V. *see* Beda, A.G. 1-10575
- Davydov, B.L., Sadovskiy, I.N., Zolin, V.F. Non-linear optical properties of cadmium acetate dihydrate crystals 1-33739
- Davydov, L.N. *see* Akhiezer, I.A. 1-3560, 1-35250
- Davydov, V.A. *see* Chernyshev, V.K. 1-33028
- Davydov, V.I. *see* Rokach, A.G. 1-347
- Davydov, V.Yu., Chisler, E.V. Dynamics of the proton sublattice of KDP-type ferroelectrics 1-21212
- Davydov, Yu.M., Korobitsyn, G.P., Postnikov, V.G. Flow over blunt bodies with spikes and cavities 1-11431
- Davydova, T.A., Kargin, A.Yu. Explosive instability and fluctuations in a plasma magnetized ion beam system 1-2206
- Daw, A.N. *see* Roy, S.B. 1-7710
- Daw, G.H. *see* Morris, C.L. 1-723
- Daw, H.T. *see* Ahmed, J.U. 1-4369, 1-23858
- Daw, M.S., Smith, D.L. Energy levels of semiconductor surface vacancies 1-16332
- Daw, M.S., Smith, D.L. Relation between the common anion rule and the defect model of Schottky barrier formation 1-52644
- Daw, N.P. *see* Ratnam, V.V. 1-26286
- Dawar, A.L., Joshi, J.C., Narain, L. Electrical and optical properties of Se_{1-x}Te_x films 1-48190

- Dawar, A.L., Krishna, K.V., Taneja, O.P., Mathur, P.C. Magnetoresistance of In- and Cu-doped n-type PbTe thin films 1-7643
- Dawar, A.L., Sachar, B.K., Taneja, O.P., Mathur, P.C. Electrical transport properties of hydrogen-exposed n-type InSb films 1-52673
- Dawar, A.L., Taneja, O.P., Krishna, K.V., Mathur, P.C. Electrical transport properties of polycrystalline HgTe films grown from mercury-rich HgTe 1-38873
- Dawar, A.L., Taneja, O.P., Mathur, P.C. The electrical effect of hydrogen on InSb films 1-38870
- Dawber, J.G. Magneto-optical studies of liquid mixtures. IV. Additivity of the Faraday effect, the magnetic rotation dispersion constant and the excess magnetic rotation in binary liquid mixtures 1-48043
- Dawdy, D., Maloney, M.D. Method of estimating on-shore propagation of storm waves 1-17593
- Dawe, D.J. *see* Morris, I.R. 1-24732
- Dawe, J. *see* Jones, D.H.P. 1-17817
- Daweritz, L., Berger, H. Atomic steps on Ge(100) surfaces studied by RHEED 1-11964
- Dawes, G. *see* Hutton, V.R. 1-40060
- Dawids, S. *see* Caspersen, A. 1-21975
- Dawkins, A.W.J., Cabriel, C., Sheppard, R.J., Grant, E.H. Electrical properties of lens material at microwave frequencies 1-43897
- Dawkins, A.W.J. *see* Nightingale, N.R.V. 1-27041
- Dawn Trine-Yie *see* Trine-Yie Dawn
- Dawson, A.M. *see* Marston, P.G. 1-48873, 1-48879
- Dawson, C.A. *see* Bronikowski, T.A. 1-39957
- Dawson, C.A. *see* Maron, M.B. 1-17420
- Dawson, D.R., Offen, H.W. High pressure apparatus for optical studies of liquids 1-14132
- Dawson, D.W. The open cluster NGC 2204 1-54567
- Dawson, D.W. *see* Weis, E.W. 1-54390
- Dawson, G.A., Farmer, J.C., Moyers, J.L. Formic and acetic acids in the atmosphere of the south-west USA 1-17653
- Dawson, J., Hyman, L.G., Sheppard, J. A note on possibly large thermocouple effects from copper instrumentation wires 1-44918
- Dawson, J. *see* Ambats, I. 1-1026
- Dawson, J.L. *see* Hladky, K. 1-12896
- Dawson, J.M. *see* Ashour-Abdalla, M. 1-36107
- Dawson, J.M. *see* Liewer, P.C. 1-46277
- Dawson, J.M. *see* Lin, A.T. 1-10968
- Dawson, J.M. *see* Tajima, T. 1-6977, 1-19951, 1-38096
- Dawson, J.W. *see* Niemann, R.C. 1-48882
- Dawson, K. *see* Lam, S.T. 1-23699
- Dawson, P.H. Ion optical design data for the quadrupole mass filter 1-15069
- Dawson, R., Moffat, D.G. Vibratory stress relief: a fundamental study of its effectiveness 1-12776
- Dawson, S. The renormalization of $\sin^2\theta_W$ in gauge hierarchies 1-28250
- Dawson, W.M., Sale, F.R. Enthalpy of formation of manganese carbide, Mn_3C_4 1-25461
- Day, A.C. *see* Horne, W.E. 1-48859
- Day, B.V. *see* Stanley, P. 1-41946
- Day, C.R. *see* Beales, K.J. 1-11189, 1-51612
- Day, C.R. *see* Heitmann, W. 1-11144, 1-33816
- Day, C.T., Harding, D.J., Klinger, J.S., Ahrens, L.A., Berkelman, K., Cassel, D.G., Gibbard, B.G., Hartill, D.L., Humphrey, J.W., Kilian, T.J., Linnemann, J.T., Treadwell, E.A., White, D.H. Electroproduction of π^0 and other nondiffractive final states 1-45312
- Day, D. *see* Derrick, M. 1-45261
- Day, D.E. *see* Doi, A. 1-30742
- Day, D.E. *see* Schiroky, G.H. 1-31387
- Day, L. *see* Singer, A.R.E. 1-3648
- Day, M.H. Doubly differential cross section for electron ejection in the plane-wave Born approximation: a hydrogenic case study 1-33540
- Day, M.H. *see* Briggs, J.S. 1-24217
- Day, M.J., Forster, E. Protective effect of spectacles 1-40012
- Day, P. Survey of metal chain compounds 1-42765
- Day, P., Borromei, R., Oleari, L. Dynamic Jahn-Teller effect in a ligand-field excited state of MnO_4^{2-} in $Sr_3(PO_4)_2Cl$ 1-30687
- Day, P., Vettier, C. Pressure dependence of the incommensurate magnetic phase of $NiBr_2$ and $Ni_{92}Zn_{90}Br_2$ 1-52752
- Day, P. *see* Seitz, F. 1-8098
- Day, R.K. *see* Bowden, G.J. 1-43046
- Day, R.-L., Anderson, R.J., Salamo, G.J. Radiative lifetime measurements of the $4p^2P$, $4p^2P$ and $4d^2D^o$ multiplets of oxygen 1-46030
- Day, S.M. *see* Archuleta, R.J. 1-22502
- Day, W.A. Means and autocorrelations in elastodynamics 1-1859
- Day, W.A. On the growth of the stress in a cylinder 1-33894
- Day, W.B. Asymptotic expansions of eigenvalues and eigenfunctions of random boundary-value problems 1-18014
- Dayal, R. Electron paramagnetic resonance study of Mn^{2+} doped $Zn(CIO_4)_2 \cdot 6H_2O$ 1-26019
- Dayal, R.K., Parvathavarthini, N., Gnanamoorthy, J.B. A study of various critical pitting potentials for type 316 stainless steel in sulfuric acid containing chloride ions 1-31728
- Dayan, A., Glueckler, E.L., Chen, K.H. Comparison of models for water release from heated concrete 1-50826
- Dayan, A. *see* Radkowsky, A. 1-5978
- Dayan, D., Mintz, M.H., Dariel, M.P. Hysteresis effects in cerium-containing $LaNi_5$ -type compounds 1-2632
- Dayan, D. *see* Kimmel, G. 1-21424
- Dayan, E., Viennot, J.P. Foreign-gas pressure broadening of the pure rotational Raman spectrum of H_2 1-19104
- Dayanand, C., Chandra Shekhar, M., Nagabhooshanam, M., Hari Babu, V. Dielectric and electrical properties of vacuum deposited molybdenum oxide films 1-48007
- Daybelge, U. Theory of the scrape-off layer for arbitrary collisionality 1-24928
- Dayou Ma *see* Ma Dayou
- Dayras, R.A., Stokstad, R.G., Hensley, D.C., Halbert, R.L., Sarantides, D.G., Westerber, L., Barker, J.H. Angular momentum transfer in the reactions induced by 166 MeV ^{36}Ne on ^{63}Cu 1-5794
- Dayras, R.A. *see* Geoffroy, K.A. 1-50651
- Dazai, K. *see* Takamashi, H. 1-51638
- Dazai, M., Nagano, K., Miyagi, M., Kawakami, S. Measurement of differential mode attenuation in multimode fibers 1-41862
- Dazhen, Y. Some basic problems of photoplasticity 1-24698
- De *see* Van der Auweraer, M. 1-48742
- De, B.R., Sannigrahi, A.B. A comparative study of the structure and bonding of HOO, HOS, HSO, and HSS radicals by CNDO/2 and INDO methods 1-45850
- De, D. *see* Datta, S.K. 1-52934
- De, D.K., Ghoshal, A.K., Pal, A.K. EPR linewidth in a pseudo one-dimensional magnetic system 1-52830
- De, J.N. *see* Birkelund, J.R. 1-50697
- De, M. *see* Purkait, P.K. 1-51381
- De, T.K. A note on the approximate determination of the dispersion of Love waves in a laterally nonhomogeneous layer lying over a homogeneous half-space 1-22255
- De A. Martins, R. The mass-velocity relation in special relativity 1-32840
- de Aguiar, F.S., Silva, N.P., Chaves, A.S. Thermodynamics of order-disorder ferroelectric models of six and four sites with tunneling 1-43076
- de Alcantara Bonfim, O.F., Gehring, G.A. Magneto-electric effect in antiferromagnetic crystals 1-3227
- de Alfaro, V., Fubini, S., Furlan, G. Small distance behavior in Einstein theory of gravitation 1-18091
- de Alfaro, V., Fubini, S., Furlan, G. Gauge and generally invariant theories and classical solutions 1-18356
- de Almeida, C.E., Cecatti, E.R. A simple device for testing the equilibrium of ion chambers in ambient conditions 1-18958
- de Almeida, E.S. *see* Di Napoli, V. 1-10325
- de Almeida, M.J.M. *see* Alte Da Veiga, L.M. 1-46948
- de Almeida Marques, S. *see* Dugloux, P. 1-43297
- De Alti, G., Decleua, P. Photoelectron spectra and electronic structure of furan homologues computed by the MS SCF Xa method 1-33503
- De Andrade, L.R. *see* Alte Da Veiga, L.M. 1-46948
- de Andres, F. Llorente *see* Llorente de Andres, F.
- De Angelis, R.J. *see* Hsu, C.H. 1-43611
- De Angelis, U. *see* Giordano, M. 1-36212
- De Anna, P.L. *see* Bonora, P.L. 1-21650
- de Araujo, C.B. *see* Rezende, S.M. 1-3412
- De Asmundis, C. *see* Gesmundo, F. 1-12919
- de Assis Neto, V.F., Bortle, J., Machholz, D. Periodic Comet Stephan-Oterma (1980g) 1-32660
- de Assis Neto, V.F. *see* Machholz, D. 1-27430
- de Azcarraga, J.A. *see* Aldaya, V. 1-5128
- de Bakker, J.V. *see* van der Schee, E.J. 1-44057
- de Barros, H.G.P. *see* Lins de Lins de Barros, H.G.P.
- de Bazelaire, E., Cavassilas, J.-F., Dolla, J.-P. Wave transmission perpendicular to a periodically layered medium: frequency analysis 1-18031
- de Beaucaudrey, N., Brunol, J., Sauneuf, R. Single frequency codes in laser plasma imagery 1-51986
- de Beauregard, O. Costa *see* Costa de Beauregard, O.
- de Beer, J.H., Gouch, D.I. Conductive structures in southernmost Africa: a magnetometer array study 1-9077
- de Beer, J.H. *see* Gough, D.I. 1-53980
- de Berg, J.F.M. *see* van der Berg, J.F.M.
- de Berg, K.C., Lauder, I. Oxygen tracer diffusion in a potassium silicate glass above the transformation temperature 1-7363
- De Bergevin, F. Scattering methods for the study of order-disorder phenomena 1-38318
- de Bergh, C. *see* Buriac, J.C. 1-54415
- De Bergh, C. *see* Pierre, G. 1-6255
- De Bernardinis, B., Graham, J.M.R., Parker, K.H. Oscillatory flow around disks and through orifices 1-46756
- de Biasi, R.S. ESR of V^{4+} ions α cristobalite $AlPO_4$ 1-26020
- de Biasi, R.S., Portella, P.D. Magnetic-resonance study of the transformation $\gamma-Fe_2O_3$ to $\alpha-Fe_2O_3$ 1-3266
- de Biasi, R.S., Taft, C.A., Furtado, N.C. Temperature dependence of the ESR linewidth in $KFeS_2$ 1-12391
- de Billy, L., Briand, H., Duboc, J., Levy, F., Vuillemin, V., Brenzikof, R., Negus, P.J. Spin and parity of the $D^0(1285)$ meson 1-23512
- De Bisschop, P. *see* Borghs, G. 1-46146
- De Bisschop, P. *see* Silverans, R.E. 1-33424, 1-51367
- de Blasi, C., Galassini, S., Manfredotti, C., Murri, R., Piccolo, R. Optical constants of PbI₂ in the visible range 1-3431
- De Bodt, L. *see* Heremans, K. 1-29149
- de Boer, A. Posthuma *see* Posthuma de Boer, A.
- de Boer, E. *see* Manoharan, P.T. 1-47070
- De Boer, F.R., Boom, R., Miedema, A.R. Enthalpies of formation of liquid and solid binary alloys based on 3d metals. I. Alloys of scandium, titanium and vanadium 1-4120
- De Boer, F.R. *see* Miedema, A.R. 1-42541
- de Boer, F.W.N., Fields, C.A., Marro, G., Sugarbaker, E., Konijn, J., Verheul, H., Walker, P.M. Aligned octupole bands in deformed $N=90$ and $N=92$ nuclei 1-14446
- De Boer, F.W.N., Van Ruyven, J.J., Kalshoven, A.W.B., Vis, R., Sugarbaker, E., Fields, C., Zaidins, C.S. The tetra-neutron revisited 1-23667
- De Boer, F.W.N. *see* Konijn, J. 1-41026, 1-50488
- de Boer, H., Haars, H., Michaelis, W. An insulated vibration plane table with level adjustment 1-250
- de Boer, H., Haars, H., Michaelis, W., Schlimme, E. The quadrant-electrometer for measuring the torque of small torsional moments 1-252
- de Boer, J., Abrahams, K., Kopecky, J., Endt, P.M. Investigation of the $^{31}P(n,\gamma)^{32}P$ reaction 1-36943
- De Boer, J., Odom, L.A., Ragland, P.C., Snider, F.G., Tilford, N.R. The Bataan orogene: eastward subduction, tectonic rotations, and volcanism in the western Pacific (Philippines) 1-13445
- de Boer, J.L. *see* van Bodegom, D. 1-34339
- De Boer, K.S., Code, A.D. The far-ultraviolet energy distribution of two globular cluster blue horizontal-branch stars in M13 1-49741
- de Boer, K.S., Wesselius, P.R. Ultraviolet photometry with the Astronomical Netherlands Satellite (ANS): faint blue stars in the halo 1-9486
- de Boer, K.S. *see* Savage, B.D. 1-54575
- de Boer, P.C.T., Hulet, J.-F. Performance of a hydrogen-oxygen-noble gas engine 1-8772
- de Boer, W., Fues, W., Grindhammer, G., Kotthaus, R., Lierl, H., Moss, L. Behaviour of large cylindrical drift chambers in a superconducting solenoid 1-14744
- de Botton, N. *see* Argan, P.E. 1-28331, 1-33190
- de Bouard, X. *see* Aubert, J.J. 1-5630
- De Brion, J.P., Caillet, A., Cheze, J.B., Derre, J., Marel, G., Pauli, E., Pigot, C., Vrana, G. Silica aerogel Cherenkov counter in a missing-mass experiment $K^+ \rightarrow K^+ + X$ at 1.4 GeV/c 1-37066
- de Brion, J.P. *see* Carroll, A.S. 1-14372, 1-28803
- de Brouckere, G., Broer, R., Nieuwpoort, W.C., Berthier, G. Ab initio one-electron property calculations. I. Molecules COF_2 , SO_2F_2 , SOF_2 1-24031
- de Brouckere, L., Vennik, J. The temperature dependence of magnetic bubble parameters 1-21021
- De Brucq, D. Relationship between the attenuation and the power spectral density of a stochastic stationary acoustic wave 1-24554
- De Brucq, D. *see* Vasilich, S. 1-44760
- de Bruijn, D., Lourens, W. Determination of solid angle corrections for precise gamma-gamma directional correlation experiments with Ge-detectors 1-24002
- de Bruijn, S. *see* Asbrink, L. 1-10655
- de Bruin, H.J., Badwal, S.P.S., Slattery, P.W. The nature of the metal/ceramic interface 1-17195
- de Bruyn, A.G., Goss, W.M., van Woerden, H. Radio observations of the spectrum and time variability of the luminous supernova remnant in NGC 4449 1-54585
- de Caian, C., David, F., Rivasseau, V. Renormalization in the complete Mellin representation of Feynman amplitudes 1-40923
- de Camp, U., de Camp-Schmidt, E., Wiecek, R. An investigation on the influence of noise and psychological factors on the sleep of hospital patients 1-1758
- de Camp-Schmidt, E. *see* de Camp, U. 1-1758

- De Candia, F., Russo, R., Vittoria, V., Peterlin, A. Transport properties of annealed, drawn low-density polyethylene (LDPE) 1-43362
- de Carvalho, C. Aragao see Aragao de Carvalho, C.
- de Carvalho, E.M. see Bochove, E.J. 1-41858
- de Castro, A.R.B. see Chen, C.K. 1-33749
- De Castro, P.M.S.T., Spurrier, J., Hancock, P. Comparison of J testing techniques and correlation J-COD using structural steel specimens 1-48613
- de Castro, S.C., Schaefer, H.F., III, Pitzer, R.M. Electronic structure of the N_4^+ molecular ion 1-41309
- De Cesare, L. see Busiello, G. 1-20993, 1-27864
- De Cesare, L. see Caramico D'Auria, A. 1-18583
- de Charentenay, F.X., Bethmont, M., Benzegagh, M., Chretien, J.F. Delamination of glass fiber reinforced polyester, an acoustic emission study 1-48640
- De Chatel, P.F. Virtual bound states and f-bands in mixed-valent systems 1-47582
- de Chatel, P.F. see Bijvoet, J. 1-20985
- De Clercq, C., Johnson, D., Lemonne, J., Peeters, P., Vanhomwegen, G., Wickens, J. Coherent production of the $K^+ \pi^-$ system in $K^- d$ interactions at 4.5 GeV/c 1-28346
- de Clercq, C. see Barth, M. 1-41018, 1-45377
- de Clerq, E., Biraben, F., Giacobino, E., Grynsberg, G., Bauche, J. Isotopic shift in helium 1-45920
- De Clerq, E. see Biraben, F. 1-24274
- De Coninck, F. see Van Ranst, E. 1-49271
- De Coninck, R., Gijis, A., Snijders, M. Thermal shock tests on some proposed limiter or first wall materials for fusion reactors 1-4032
- De Cremoux, B. The crystallization path: a way to the $Ga_{0.1}In_{0.9}As_{0.1}P_{0.9}$ phase diagram 1-48333
- De Crescenzi, M., Balzarotti, A., Comin, F., Incocchia, L., Mobilio, S., Bacci, D. EXAFS spectroscopy of amorphous Fe-Ni steels 1-31232
- De Crescenzi, M. see Ables, F. 1-34810
- de Croos, K.A. see Gartschore, I.S. 1-1935
- de Cudmani, L.C. see Iglesias, G.E. 1-4657
- de Daunant, I. Colomb see Colomb de Daunant, I. de Deus, J. Dias see Dias de Deus, J.
- De Dominicis, C. Toward a mean field theory of spin glasses: the TAP route revisited 1-30964
- De Dominicis, C. see Orland, H. 1-38946
- de Elvira, A. Ruiz see Ruiz de Elvira, A.
- De Felice, F. A source term for vorticity in relativistic fluids 1-29800
- de Felice, F., Nobili, L., Calvani, M. Charged singularities: The causality violation 1-18087
- de Felice, F. see Calvani, M. 1-5185
- de Felicio, J.R. Drugowich see Drugowich de Felicio, J.R.
- De Ferreira, M.E.G. see Bazan, J.C. 1-48564
- De Figueiredo, I.M.B., Raab, R.E. A molecular theory of new differential light-scattering effects in a fluid 1-48102
- De Fontaine, D. Spinodal and equilibrium reactions 1-43317
- de Forest, T.J. Jr. Exact solutions to the center of mass problem in a model theory 1-14480
- de Fouquet, J. see Charrier, J. 1-31542
- De Freitas, V., Vitti, M. Electromyographic study of the trapezius (pars media) and rhomboideus major muscles during respiration 1-53772
- de Freitas Mourao, R.R. see Debehogne, H. 1-17781
- De Freitas-Mourao, R.R. see Debehogne, H. 1-9349
- de Fresart, E., Darville, J., Gilles, J.M. Surface reconstructions of the SnO_2 (110) face 1-47341
- de Galan, L. see de Loos-Vollebregt, M.T.C. 1-10026
- De Gasperis, P., Borghese, C. Broadened low-field modes in thick yttrium iron garnet epilayers 1-7954
- De Gasperis, P. see Borghese, C. 1-7919, 1-16484
- de Geer, L.-E., Holm, G.B. Energy levels of $^{127}In^{131}Sn$ populated in the β^- decay of ^{127}In 1-14463
- de Geijn, J. Van see Van de Geijn, J.
- De Gennaro, S. see Borchini, E. 1-7582, 1-42937
- De Gennes, P.G. Theory of long-range correlations in polymer melts 1-30026
- De Gennes, P.G. Motions of one stiff molecule in an entangled polymer melt 1-52043
- De Gennes, P.G. see Brochard, F. 1-38232
- De Gennes, P.-G. Statistics of clusters on lattices. The differences between percolation and 'animals' 1-27884
- de Gennes, P. Gilles see Gilles de Gennes, P.
- de Genouillac, G.V., Escande, D.F. On the heliocentric distance dependence of plasmon emission in Type III bursts 1-54438
- de Geus, W. see Breed, D.J. 1-47920
- de Giambiagi, M.S., Giambiagi, M., Lins de Barros, H.G.P. Convergence problems and energetic region in π excited states of certain conjugated molecules 1-6185
- De Goij, J.J.M. see Janssen, A.G.M. 1-4366
- de Goer, A.M., Salce, B., Boatner, L.A. Low temperature thermal conductivity of $KTaO_3$ and KTN single crystals 1-20486
- de Goer, A.M. see Daudin, B. 1-16119
- de Goer, A.M. see Guckelsberger, K. 1-2712
- de Goer, A.M. see Laermans, C. 1-34699
- De Graaf, A.S., Van Wyk Kotze, T.J., Claassen, D.A. Photoparoxysmal responses in the electroencephalograms of some ethnic groups of the Cape Peninsula 1-48988
- De Graaf, B. Van see Van De Graaf, B.
- de Graaf, E.A.B. Conventional and innovative applications of magnetic rubber 1-48596
- de Graaf, E.A.B., de Rijk, P. Proof of the damage tolerance of a fatigued landing gear after numerous take-offs and landings 1-8516
- De Grande, G., Kool, P. An improved experimental method to determine the complete Reynolds stress tensor with a single rotating slanting hot wire 1-34027
- De Greef, J.F. see Henrien, P.N. 1-10447
- De Greve, J.P. Close binary systems before and after mass transfer. II. Semi-detached systems 1-17868
- de Groot, D.G., Barnes, R.G., Beaudry, B.J., Torgeson, D.R. Deuterium superlattice formation in lanthanum trideuterides: the nuclear magnetic resonance evidence 1-3273
- de Groot, D.G. see Barnes, R.G. 1-16493
- de Groot, E.H., Gounaris, G.J., Schildknecht, D. Possible structure of the neutral current within a gauge theory framework 1-5560
- de Groot, E.H., Schildknecht, D. Implications of measurements of $e^+e^- \rightarrow \mu^+\mu^-$, $e^+e^- \rightarrow \text{PETRA/PEP}$ energies on electroweak theories 1-533
- De Groot, J. see Chabaud, V. 1-50468
- De Groot, J. see Chabaud, V. 1-10392
- De Groot, J. see Gorlich, L. 1-5656
- De Groot, M.S. see Brokken-Zijp, J.C.M. 1-17029
- De Groot, P.J., Terpstra, R.E. Millimeter-wave model of a foveal receptor 1-43870
- De Groote, R.A.M.C. Intracoufigural Laporte forbidden transition in the spectrum of chromic nitrate $Cr(NO_3)_3 \cdot 9H_2O$ in aqueous solution 1-24159
- de Guerra, E. Moya see Moya de Guerra, E.
- De Haan, G., Meijer, G.C.M. An accurate small-range IC temperature transducer 1-23232
- de Haan, P.H., Singh, R.N., Hopman, H.J., Janssen, G.C.A.M., Granneman, E.H.A., Strelkov, P.S. A simple angular distribution analyser for a relativistic electron beam 1-37038
- de Haas, L.J., Wenckebach, W.Th., Poulsen, N.J. Magnetic resonance saturation in solids at finite temperatures 1-7933
- de Heer, F.J., van Sprang, H.A., Mohlmann, G.R. Dissociative excitation of molecules electron impact 1-19197
- de Heer, F.J. see Bloemen, E.W.P. 1-46070
- de Heer, F.J. see van Wingerden, B. 1-1367
- de Heer, F.J. see Wagenaar, R.W. 1-6385
- de Hemptinne, X., De Keuster, D. Mode selective laser chemistry of ethylene 1-6254
- de Hemptinne, X., De Keuster, D. Selective vibrational photochemistry of ethylene 1-6324
- de Hemptinne, X., De Keuster, D. Selective vibrational photochemistry of ethylene 1-41451
- de Hollain, G. Physical properties of irradiated polymers 1-7209
- de Hollander, W.R. see Falk, C.F. 1-4368
- de Hoog, F.J. see Dieles, J.W.H. 1-42226
- de Hosson, J.T.M. see de Rooy, A. 1-3695
- de Hosson, J.T.M. Electronic states near dislocations in transition metals: an application of quantum chemistry in technology 1-7551
- de Hosson, J.T.M. see Alblas, B.P. 1-25143
- de Hulst, H.C. van see van de Hulst, H.C.
- de Jager, C. see Burger, M. 1-13775
- de Jager, G. see Baart, E.E. 1-27568
- de Jesus Filho, M.F., Sanchez, J.P., Friedt, J.M. ^{57}Fe absorption and emission Mossbauer spectroscopy in hydrated and anhydrous iron(II) and cobalt(II) acetylacetonates 1-31076
- de Jesus Filho, M.F. see Friedt, J.M. 1-26092
- de Jesus Filho, M.F. see Sanchez, J.P. 1-43049
- de Jong, B.A., van den Berg, P.M. Theoretical design of optimum planar sound diffusers 1-11244
- de Jong, G., Kaarls, R. An automated time-keeping system 1-36606
- de Jong, H.F. Influence of loading direction and environment on the SCC susceptibility of aluminium 7075-T651 1-39503
- de Jong, J.E. see Brouha, M. 1-34403
- de Jong, J.E. see Nagtegaal, J.C. 1-24707, 1-29570
- De Jong, K.P. see Krol, D.M. 1-31179
- de Jong, M.H. see Bijvoet, J. 1-20985
- de Jong, T., Dalgarno, A., Boland, W. Hydrostatic model of molecular clouds. I. Steady models 1-27580
- de Jonge, W.J.M. see Basten, J.A.J. 1-7855
- de Jonge, W.J.M. see Boersma, F. 1-34892
- de Jonge, W.J.M. see Swuste, C.H.W. 1-25880
- de Jongh, H.J. see Pruim, G.J. 1-17432
- de Jongh, L.J. see van der Bilt, A. 1-3156
- de Jonghe, W.R.A., Adams, F.C. Organic and inorganic lead concentrations in environmental air in Antwerp, Belgium 1-35729
- De Keijser, T.H. see Bendijk, A. 1-21438
- de Keijser, T.H. see Weerheijm, H. 1-40769
- de Keranguy, A., Percival, I.C., Richards, D. Classical theory of the static Stark effect for weak fields 1-45899
- De Keuster, D. see de Hemptinne, X. 1-6254, 1-6324, 1-41451
- de Klundert, L.J.M. van see van de Klundert, L.J.M.
- De Kock, A.J.R. Crystal growth of bulk crystals: purification, doping and defects 1-48253
- de Kock, P.R. see Richter, W.A. 1-18556
- De Koning, L., Alberts, H.L., Burger, S.J. Effect of concentration and hydrostatic pressure on the resistivity anomaly and Neel temperatures in dilute Cr-Co alloys 1-38760
- De Korte, R.A. see Binnie, C.D. 1-49139
- de la Campa, J.I. Gonzalez see Gonzalez de la Campa, J.I.
- De la Cruz, F. see Ridner, A. 1-20917
- De La Garza, L. Morales see Morales De La Garza, L.
- De La Herran, J. see Allen, C. 1-32618
- de la Kampa, A. see Chetkin, M.V. 1-50179
- De La Noe, J. see Boischot, A. 1-44434
- de la Pena, L. Conceptually interesting generalized Heisenberg inequality 1-17970
- de la Pena, L. Time evolution of the dynamical variables of a stochastic system 1-27709
- de la Pena, L. The free particle as described by stochastic electrodynamics 1-45163
- de la Pena, L., Montemayor, R. Raising and lowering operators and spectral structure: a concise algebraic technique 1-9803
- de la Pena, L. see Jimenez, J.L. 1-9801
- de la Reza, R., Torres, C.A.O., Busko, I.C. Lithium in flare stars 1-54519
- De La Rue, R.M. Integrated optical spectrum analysers 1-19477
- de la Serna, J., Carles, F.P. A study of the suspended particulates in the atmosphere, in the university campus in Madrid, during the period 1977-1978 1-54170
- de la Torre, A. see Grassberger, P. 1-5609
- de La Vaissiere, C. see Aston, D. 1-14399
- De La Vaissiere, Ch. see Aston, D. 1-45297, 1-50442
- de Lacheisserie, E. du Tremolet see du Tremolet de Lacheisserie, E.
- De Laeter, J.R. A new specimen of the Mount Dooling iron meteorite from Mount Manning, Western Australia 1-40441
- De Laeter, J.R., Rosman, K.J.R., Smith, C.L. The Oklo natural reactor: cumulative fission yields and reactivity of the symmetric mass region fission products 1-13424
- De Laeter, J.R. see Mermelengas, N. 1-32667
- de Lang, H. Comment on 'Experimental and theoretical study of the anisotropy induced in a gas laser by a saturating field' 1-1609
- de Lange, C.A. see Burnell, E.E. 1-21061, 1-29132
- de Lange, C.A. see de Leeuw, D.M. 1-28936
- de Lange, C.A. see van Lonkhuyzen, H. 1-28129
- de Leest, R.E. van see van de Leest, R.E.
- de Leuw, D.M., de Lange, C.A. A photoelectron study of partially autoionizing states of oxygen atoms 1-28936
- de Leeuw, J.M. see Johnson, P. 1-5659
- De Leo, R., D'Erasmio, G., Fiore, E.M., Guarino, G., Pantaleo, A., Micheletti, S. Energy dependence of optical-model parameters for the $p+^{35}S$ system between 15 and 35 MeV 1-14520
- De Leo, R., Micheletti, S. Energy dependence of the isovector imaginary nucleon optical-model potential 1-28436
- De Leo, R. see Castagnolo, B. 1-32299
- De Leon, R.L., Muentzer, J.S. Stark effect and dipole moment of ClO_2F 1-24190
- de l'Eprevier, A. Grandin see Grandin de l'Eprevier, A.
- De Lesegno, P. Varies see Varies De Lesegno, P.
- de Lima, A.P., Ramayya, A.V., Hamilton, J.H., Van Nuijien, B., Ronningen, R.M., Kawakami, H., Piercy, R.B., de Lima, E., Robinson, R.L., Kim, H.J., Peker, L.K., Rickey, F.A., Popli, R., Caffrey, A.J., Wells, J.C. Multiple band structures in ^{88}Ge 1-41033
- de Lima, E. see de Lima, A.P. 1-41033
- de Llano, M. see Aguilera-Navarro, V.C. 1-50539
- de Loore, C. see Howarth, I.D. 1-40523
- de Loore, C. see Paerels, F.B.S. 1-13822
- de Loos-Vollebregt, M.T.C., de Galan, L. Construction and performance of an a.c. modulated magnet for Zeeman atomic absorption spectroscopy 1-10026
- de Lozanne, A. see van Dover, R.B. 1-38896
- de Loze, C. see Zuppiroli, G. 1-24156
- De Luca, J.C. see Argyle, B.E. 1-52812
- De Lucia, F.C. see Helming, P. 1-45944
- De Maeyer, L. see Wijnaendts Van Resandt, R.W. 1-51234
- de Malherbe, M.C. see Kandeil, A.Y. 1-16847
- De Marchi, A., Godone, A., Baba, E. Far-infrared laser frequency modulation by refraction index variation in low-density plasma 1-46404

- De Marchi, A., Godone, A., Bava, E. Comparison of different tuning and modulation techniques for FIR lasers 1-19372
- De Marchi, A. *see* Bava, E. 1-33725, 1-37517
- De Marchi, A. *see* Godone, A. 1-11030, 1-18199, 1-37518
- De Marchi Desenzani, P. Alternatives for heat supply in biomass energy conversion systems 1-53682
- de Marchia, G., Piazzolla, S., Daino, B. Modal noise in optical fibres 1-11128
- De Marchia, G. *see* Daino, B. 1-1709
- de Marco, A., Llinas, M. Solvent effects and approaches for the fine structure analysis of peptidyl amide ^1H NMR spectra 1-14917
- De Maria, G. *see* Spoliti, M. 1-6240
- de Marsily, G. *see* Iris, P. 1-53692
- De Martini, F. An X-ray relativistic free-electron frequency upconverter 1-15061
- De Martini, F. *see* Santamato, E. 1-29320
- De Martino, A., Frey, R., Pradere, F. Near- to far-infrared tunable Raman laser 1-19326
- De Maublane, M. Investment in the electricity sector USA and Europe (Nine States) period 1980-1990 1-8647
- De Meester, P. Diffraction angles for rotation around the diffraction vector 1-2281
- de Meester, P. Weissenberg photographs: triclinic-cell parameters from one crystal setting 1-2288
- de Meester, P. *see* Martens, M. 1-17426
- de Meijer, R.J. *see* Aarts, E.H.L. 1-18985
- De Meijer, R.J. *see* Van Driel, J. 1-23562, 1-41123
- De Meisman, J., Claes, G., Geerdens, L. Normal latency value of the facial nerve with detection in the posterior auricular muscle and normal amplitude value of the evoked action potential 1-53770
- de Mello, P.C. *see* Larsson, S. 1-24036
- de Mendez, M., Dumont, J.J., Amborny, P. Fibre optic sensors 1-51621
- de Menezes, O.L.T., Troper, A. Electron-phonon interaction in mixed-valence systems 1-2924
- De Menorval, L.C., Fraissard, J.P. Effect of the size of alumina supported platinum particles on the NMR spectra of chemisorbed hydrogen 1-34943
- de Mevergnies, M. *see* Neve de Mevergnies, M.
- De Mey, G. Characteristics of electro-gas-dynamic wind energy devices 1-17222
- De Mey, G. *see* Jacobs, B. 1-53610
- de Meybaum, B.R., Ayllon, E.S. Characterization of atmospheric corrosion products on weathering steels 1-16954
- de Meyer, F. *see* Van der Auwera, L. 1-44261
- de Meyer, H.E., Berghé, G.V. Shift operator techniques for the classification of multipole-phonon states. VII. Self-consistent single step algorithm for $R(5) O_5^0$ eigenstate and eigenvalue determination 1-9867
- De Meyer, H.E. *see* Berghé, G.V. 1-9866
- De Michels, B. *see* Abbati, I. 1-12634, 1-12637, 1-31304, 1-43250
- De Michels, B. *see* Miller, J.N. 1-16104
- De Michels, V. *see* Abbati, I. 1-53047
- de Milou, M.E. *see* Czekalski, M. 1-19123
- De Miranda, J. *see* Van Ommen, A.H. 1-52133
- de Miranda, P.E. Valadao *see* Valadao de Miranda, P.E.
- de Miscalut, J.C. *see* Gaffard, J.P. 1-46491
- De Moitie-Neyt, N. *see* Gorlier-Walrand, C. 1-52921
- De Mol, C. *see* Bertero, M. 1-51362
- De Mol, Ch. *see* Chadan, K. 1-36519
- de Montagnac, E. *see* Cartwright, D.K. 1-823
- de Morton, M.E. *see* Clark, G. 1-47111
- De Mottosi, P., Tesi, A. A comparative analysis of some semi-linear parabolic systems modelling the dynamics of fast nuclear reactors 1-50749
- de Murcia, M., Block, D., Etienne, D., Fillard, J.P. Self-activated luminescence in zinc-sulfo-selenide crystals 1-21260
- De Napoli, P.A. *see* Villani, S. 1-48996
- de Nevra, N., Seader, J.D. Lost work: a measure of thermodynamic efficiency 1-17184
- de Notaristefani, F. *see* Diddens, A.N. 1-14747, 1-23998
- de Notaristefani, F. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- de Novikov, C.H. *see* Moisy-Maurice, V. 1-7279
- de Oliveira, A.D., Parriaux, O., Wilson, M.G.F. Multimode couplers for optical fibre systems 1-41878
- de Oliveira, A.D., Wilson, M.G.F., Parriaux, O. Stripe waveguide Y-intersection as efficient coupler for multimode optical communication systems 1-33824
- de Oliveira, A.L. *see* Baudry, A. 1-16500
- De Oliveira, J.Duarte *see* Duarte De Oliveira, J.
- de Oliveira, L.A.R. *see* Santos, F.C. 1-100
- de Oliveira, M. *see* Lavery, R. 1-19155
- de Oliveira, M.J. *see* Curado, E.M.F. 1-42977
- De Oliveira, P.M.C. Qualitative analysis of electron paramagnetic resonance 1-42997
- De Pape, R. *see* English, A.D. 1-30460
- De Pascale, M.P. *see* Federici, L. 1-29240
- De Pasquale, D. *see* Alba, R. 1-50675
- de Pater, I. Radio maps of Jupiter's radiation belts and planetary disk at λ 6 cm 1-40377
- de Pater, I. *see* Weiler, K.W. 1-27625
- De Paus, R. *see* Castels, F.G. 1-3711
- De Pauw, E., Marien, J. Study of inorganic salts by static and dynamic secondary ion mass spectrometry (SIMS) 1-31291
- de Paz, J.F., Gohar, Y.A., Schreyer, H.L. Development of a falling-bed fusion blanket system for synthetic fuel production 1-53534
- de Pena, R.G. *see* Dittenhoefer, A.C. 1-13202
- de Planque, G., Julius, H.W., Verhoef, C.W. Effects of storage intervals on the sensitivity and fading of LiF TLDs 1-6087
- De Polignac, A., Jourdain, M. Low frequency dispersion in evaporated silicon oxide films 1-8002
- De Polignac, A., Jourdain, M., Despujols, J. Interpretation of experiments of thermally stimulated currents in silicon oxide thin films and their relation to AC conductivity 1-7998
- de Pristo, A.E. *see* Rohlfing, E.A. 1-1328
- de Prunelle, E. Some asymptotic ($n \rightarrow \infty$) properties of hydrogen-like states $|nlm\rangle$ and on the use of the correspondence principle 1-6125
- de Pujo, P. *see* Mestdag, J.M. 1-24213
- De Purkayastha, S., Mukherjee, J.K., Bose, D.N. The influence of the substrate temperature on the preparation of thin film In_2Te_3 1-42656
- de Quay, A. Calculation of the diffraction pattern in a straight rigid cylinder 1-24560
- de Queiroz, S.L.A., Chaves, C.M. A direct renormalization group approach for the extended volume problem 1-32938
- de Queiroz, S.L.A. *see* Riera, R. 1-5251
- De Raedt, Ch., Genicot, J.-L., Leenders, L. Nuclear characterization of spent fuel by non-destructive examinations at SCK-CEN 1-50916
- De Raedt, H., Legendijk, A. Monte Carlo calculation of the thermodynamic properties of a quantum model: a one-dimensional Fermion lattice model 1-32904
- De Raedt, H. *see* Fizev, J. 1-25916
- de Rafael, E. Quantum chromodynamics as a theoretical framework of the hadronic interactions 1-14261
- De Ree, J. *see* Van de Ree, J.
- De Renzi, R., Dallacasa, V. Muonic Knight shift for simple metals in a linear-response model 1-52882
- de Renzis, G. *see* Damosso, E. 1-54163
- de Reyff, Chr. *see* Nam-Tran, H. 1-51134
- de Ridder, R., van Dyck, D., Amelinkx, S. Ground states and structures in ordered binary BCC, FCC, and PC systems with first and second neighbour interactions 1-7345
- de Rijik, P. *see* de Graaf, E.A.B. 1-8516
- De Roach, J., Chapman, G., Kasper, P., King, P., Klein, A.G., Martin, L.J., Mason, G.C., Opat, G.I., Parker, K.R., Tovey, S.N., Wignall, J.W.G. The reaction $\text{pd} \rightarrow 2\pi^+ 3\pi^-$ for antiproton momenta in the range 0.35-0.92 GeV/c 1-36873
- De Robertis, M., Henriksen, R.N. A comment on the formation of spiral galaxies 1-36409
- De Robertis, M. *see* Henriksen, R.N. 1-36436
- De Rocco, A.G. *see* Menrjaver, S.D. 1-48753
- De Roo, M., Van Holten, J.W., De Wit, B., Van Proeyen, A. Chiral superfields in $N=2$ supergravity 1-150
- De Rooij, N.F., Bergveld, P. The influence of the pH on the electrolyte- SiO_2/Si system studied by ion-sensitive FET measurements and quasi-static C-V measurements 1-7730
- de Rooy, A., van Royen, E.W., Bronsveld, P.M., de Hoon, J.T.M. The coherent phase diagram of Cu-Ni-Zn 1-3695
- de Roquefort, T. *see* Alziary *see* Alziary de Roquefort, T.
- de Rosa, A., Inglima, G., Russo, V., Sandoli, M. The spectral-density method in the analysis of fluctuations in the multiplet compound emission 1-5764
- De Rosny, G. *see* Aston, D. 1-14399, 1-45297, 1-50442
- de Rosny, G. *see* Drevillon, B. 1-16703
- de Rosny, G. *see* Ferrer, A. 1-50463
- de Rossi, D., Benassi, A., L'Abbate, A., Dario, P. A new fibre-optic liquid crystal catheter for oxygen saturation and blood flow measurements in the coronary sinus 1-32227
- De Roy, G. *see* Nulens, H. 1-47980
- de Ruiter, H.M. Integral-equation approach to the computation of modes in an optical waveguide 1-41828
- de Rujula, A. Quantum chromodynamics 1-10174
- De Rujula, A. Glints: a signature of quark and lepton substructure 1-14340
- De Rujula, A., Martin, F. Structure of hadron structure functions 1-10159
- De Ruvo, A. *see* Carlsson, L. 1-12796
- De Sa Barbosa, M. Noise in the industrial environment 1-15339
- De Sabata, I., Colteu, A., Frangos, N. Measurement of high-value DC currents using magnetic liquids 1-33003
- De Sabbata, V., Gasperini, M. A gauge-invariant interaction between a charged spin field and a propagating torsion field 1-44829
- De Sabbata, V. *see* Bergmann, P.G. (editor) 1-44714
- de Sagey, G. *see* Teste de Sagey, G.
- de Saint Louvent, B.F. *see* Roosen, G. 1-1613
- de Saint-Simon, M. *see* Liberman, S. 1-19057
- de Saintignon, P. *see* Buenerd, M. 1-28444
- de Saintignon, P. *see* Lebrun, D. 1-18620
- de Saja, J.A. *see* Pastor, J.M. 1-31100
- De Salvo, R. *see* Campani, E. 1-24072
- de Sanctis, E. *see* Barreau, P. 1-28471
- De Sanctis, E. *see* Bernheim, M. 1-45495
- De Sanctis, E. *see* Capitani, G.P. 1-23936
- De Sanctis, E. *see* Jans, E. 1-28470
- De Sanden, J. *see* Van de Sanden, J.
- De Santis, A., Nardone, M., Sampoli, M. Correlation functions from depolarized Raman and Rayleigh spectra of N_2 at high density and 150K 1-26199
- de Saussure, G. *see* Plattard, S. 1-18698, 1-45549
- De Schepper, L., Cornelis, J., Knuyt, G., Nihoul, J., Stals, L. Vacancy migration in α -iron: Present situation 1-20191
- de Schepper, L. *see* Goovaerts, E. 1-3395
- de Serra, E.C. *see* Bionassi *see* Bionassi de Serra, E.C.
- De Seze, L. *see* Bidaux, R. 1-52784
- De Siebenthal, J.M., Bill, H. EPR of N_2^- centers in strontium chloride 1-43008
- de Silva, K.T.L., Miller, D.J., Haneman, D. Structure of annealed and unannealed CdSe films for photoelectrochemical solar energy conversion 1-48870
- de Silvestri, S. *see* Andreoni, A. 1-35074, 1-35828
- de Silvestri, S. *see* Cubeddu, R. 1-6550
- de Siqueira, M.L. *see* Ribeiro, G.M. 1-12530
- De Smedt, E., Potvliege, R., Pimontel-Appel, B., Claus, E., Vignaud, J. High resolution CT-scan of the temporal bone. A preliminary report 1-43958
- De Smedt, R., Van Bladel, J. Magnetic polarizability of some small apertures 1-1448
- de Socio, L.M. *see* d'Anna, A. 1-2041
- de Souza, M.F. *see* Pinatti, D.M.G. 1-3325
- de Souza, M.F. *see* Udo, M.K. 1-13045
- De Souza, V.C.M., Croll, J.G.A. An energy analysis of the free vibrations of isotropic spherical shells 1-37833
- de Staerke, D. *see* Fontanel, A. 1-54139
- de Steeg, M.J. *see* van de Steeg, M.J.H.
- De Stefano, S. *see* Ambrosone, G. 1-39813
- De Stefano, S. *see* Blois, F. 1-39814
- de Strobel, G. *see* Cayrel de Strobel, G.
- de Swart, J.J. Dibaryon resonances 1-28292
- de Swinarski, R. *see* Quentin, P. 1-18554
- de Tacconi, N.R. *see* Birmes, S.A. 1-21732
- De Teresa, M. *see* del Carmen de Teresa, M.
- de Vaan, R. Industrial application of solar energy collectors 1-32037
- de Val Mallen, R.M. *see* Beltran, F.G. 1-6259
- De Vany, A.S. Patterns of correlation of interferograms and Ronchigrams 1-46480
- de Vaucouleurs, G. The bright globular cluster in NGC 5128 and its distance 1-4945
- de Vaucouleurs, G. The Local Supercluster 1-9691
- De Vaucouleurs, G. On the inclination of the Large Magellanic Cloud 1-27616
- De Vaucouleurs, G. On the distance modulus of the Large Magellanic Cloud 1-27617
- de Vaucouleurs, G., Buta, R. Inner ring structures in galaxies as distance indicators. I. Dimensionless systematics of inner rings 1-54621
- De Vaucouleurs, G., Davoust, E. Southern galaxies. VIII. Surface photometry of the Sd spiral NGC 7793 1-9645
- De Vaucouleurs, G., Pence, W.D. Velocity fields in late-type galaxies from Ha Fabry-Perot interferometry. I. Instrumentation and data reduction 1-49526
- de Vaucouleurs, G. *see* Binney, J. 1-44639
- De Vaucouleurs, G. *see* Bottinelli, L. 1-49528
- De Vaucouleurs, G. *see* Davoust, E. 1-49535
- De Vault, D. *see* Chance, B. 1-8826
- de Vega, H.J. Functional integration through inverse scattering variables. II 1-23051
- de Vega, H.J. The non-linear sigma model in the 1/N expansion and the inverse scattering transformation in the angular momentum 1-28185
- de Vekey, R.C., West, H.W.H. The flexural strength of concrete blockwork 1-53234
- de Vekey, R.C. *see* West, J.M. 1-12751
- De Ven, A.J.C. *see* Van de Ven, A.J.C.
- de Ven, T.G.M. *see* Van de Ven, T.G.M.
- De Verdiere, A.C. Quasi-geostrophic turbulence in a rotating homogeneous fluid 1-49281
- De Vernejoul, P., Valeyre, J., Mestian, J., Keller-shohn, C.I. Calculation of ejection fractions after background deduction from periodical components of a radiocardiogram 1-26984
- de Villepin, J. *see* Goyipron, A. 1-21193
- de Villers, P. *see* Pegnet, C. 1-2588
- de Villiers, J.P.R. The crystal structure of braunite II and its relation to bixbyite and braunite 1-15871

- De Vito, R.P. *see* Sterrenburg, W.A. 1-18619
- De Vlieger, G., Claessens, F., Eisendrath, H. Fluorescence of the bromine molecules after selective excitation by a single-mode krypton-ion laser 1-24184
- De Voigt, M.J.A. *see* Du Marchie Van Voorthuyzen, E.H. 1-50483
- De Voigt, M.J.A. *see* Kalshoven, A.W.B. 1-10321
- De Voigt, M.J.A. *see* Konijn, J. 1-41026
- de Voigt, M.J.A. *see* Ludziejewski, J. 1-50508
- de Voogd, N. *see* Koefoed, O. 1-27073
- De Vos, R.W. *see* Graves, D.H. (editor) 1-27685
- de Vos, J. *see* van Houtte, P. 1-21447
- De Vries, A. *see* Gelerinter, E. 1-15794
- De Vries, A.E. *see* De Vries, M.S. 1-6327, 1-10791
- De Vries, A.E. *see* Van Veen, N.J.A. 1-53436
- de Vries, C.P., Oskam, H.J. Four-body conversion of atomic helium ions 1-4079
- de Vries, C.P., Oskam, H.J. Four-body conversion of atomic helium ions 1-39629
- de Vries, H.F.W., Francken, J.C. Simulation of a solar energy system by means of an electrical resistance network 1-8684
- de Vries, J. *see* Andriess, C.D. 1-40546
- De Vries, M.S., Van Veen, N.J.A., Baller, T., De Vries, A.E. Curve crossing in photodissociation of TiBr 1-6327
- de Vries, M.S., van Veen, N.J.A., Hutchinson, M., de Vries, A.E. Curve crossing and repulsive potentials probed by laser induced half collisions: ICI and IBr 1-10791
- De Vries, M.S. *see* Van Veen, N.J.A. 1-53436
- de Vroomen, A.R. *see* van Deursen, A.P.J. 1-16225
- de Vyver, R. *see* Van de Vyver, R.
- de Waal, H., Simonis, F. Development of a selective surface vacuum collector 1-21920
- De Waard, H. *see* Arends, A.R. 1-34960
- De Waard, H. *see* Gordecv, Y.S. 1-41469
- de Waard, H. *see* Spijkervet, W.J.J. 1-16510
- de Waard, H. *see* Woerle, P.H. 1-41470
- de Walle, R.T. *see* van de Walle, R.T.
- De Walle, R. *see* Van de Walle, R.
- de Water, W. *see* van de Water, W.
- de Water, W. *see* Van de Water, W.
- de Werf, F. *see* Van de Werf, F.
- de Wet, J.F. The CRISTEP desktop plotter system for molecular and crystallographic drawings 1-29945
- de Wette, F.W. *see* Lakshmi, G. 1-25548, 1-47356
- de Wilde, M. *see* Cahen, M. 1-18079
- De Wilde, R.J., Clement, J., Hellemans, J.M., Boving, R. Calculation of gravitational strains and stresses in a solid of revolution by a mixed point-matching technique 1-18019
- De Winter, J.C. *see* Leheny, R.F. 1-45008
- de Winter, T.A. *see* Segal, H.R. 1-44952, 1-47827
- de Wit, A.G.J. *see* Bronckers, R.P.N. 1-36640
- De Wit, B. *see* De Roo, M. 1-150
- de Wit, H.G.M. *see* Bleijenberg, K.C. 1-12571
- de Wit, J.H.W. *see* Cahen, H.T. 1-34512, 1-34513
- de Witt-Morette, C., Elworthy, K.D., Nelson, B.L., Sammelman, G.S. A stochastic scheme for constructing solutions of the Schrödinger equations 1-28153
- de Witte, N. *see* van Kempen *see* van Kempen de Witte, N.
- De Woestijne, K.P. *see* Van de Woestijne, K.P.
- De Wolf, D.A. Electrostatic fields inside two planar distributions of potential 1-37383
- De Wolf, E. *see* Allen, P. 1-36856
- De Wolf, E. *see* Chliapnikov, P.V. 1-599
- De Wolf, E.A. *see* Ajinenko, I.V. 1-592, 1-5667
- de Wolf, E.A. *see* Barth, M. 1-45377
- De Wolf, E.A. *see* Chliapnikov, P.V. 1-36886
- de Wolf, E.A. *see* Denegri, D. 1-28356
- De Wolf, E.A. *see* Saudraix, J. 1-5666
- de Wolfe, E. *see* Barth, M. 1-41018
- De Young, D.S. Turbulent generation of magnetic fields in extended extragalactic radio sources 1-32768
- De Young, D.S., Condon, J.J., Butcher, H. On the origin of the radio, optical emission-line, and X-ray structure of M87 1-40553
- De Young, J., Baroni, S., Cavigna, M. Supernova in NGC 6946 1-27545
- De Young, R.J. Lasing characteristics of iodine monofluoride 1-24399
- De Young, R.J. Lasing characteristics of iodine monofluoride 1-37474
- De Young, R.J., Hohl, F. Large volume multiple path nuclear lasing of $^3\text{He-}^4\text{Ar}$ 1-15153
- De Young, R.J., Shiu, Y.J., Williams, M.D. Fission-fragment nuclear lasing of Ar(He)-Xe 1-24391
- De Young, R.J., Williams, M.D. Fission fragment lasing of Ar-Xe 1-41663
- De Young, R.J. *see* Hohl, F. 1-19362, 1-37459
- de Zeeuw, W.J. *see* Bontius, G.H. 1-21838
- De Zorzi, G. *see* Bacci, C. 1-575
- de Zotti, G. Constraints on the possible distortions of the cosmic background radiation spectrum 1-54668
- De Zotti, G. *see* Danese, L. 1-54663
- De Zutter, D. Scattering by a rotating dielectric sphere 1-1447
- De Zutter, D. Fourier analysis of the signal scattered by three-dimensional objects in translational motion. I 1-41538
- De Zutter, D. Fourier analysis of the signal scattered by three-dimensional objects in translational motion. II 1-41539
- De-chun Liao *see* Liao De-chun
- De-fang Tian *see* Tian De-fang
- De-hai Wu *see* Wu De-hai
- De-Min Liu *see* Liu De-Min
- De-Ning Wang *see* Wang De-Ning
- De-qiang Mao *see* Mao De-qiang
- De-qin Chan *see* Chan De-qin
- De-shan Zhao *see* Zhao De-shan
- De-Shi Zhang *see* Zhang De-Shi
- De-wei Xu *see* Xu De-wei
- De-Yi Feng *see* Feng De-Yi
- De-Zhen Li *see* Li De-Zhen
- Deacon, D. *see* Bazin, C. 1-23880, 1-41264
- Deadmore, D.L. *see* Young, S.G. 1-31758
- Deak, P. Cyclic cluster model (CCM) in the CNDO approximation for deep levels in covalent solids 1-30675
- Deal, L.L. *see* Schroeder, J.M. 1-31284
- Dean, R. *see* Green, C.H. 1-28561
- Dean, R.T. DYMEL code for prediction of dynamic stability limits in boilers 1-28582
- Dean, R.T. *see* Lightfoot, P. 1-28581
- Dean, A.B., Straughan, B.W. Wrap around furnace elements 1-27982
- Dean, A.J., Dipper, N.A. An evaluation of the background effects in actively shielded hard X-ray telescopes at balloon altitudes 1-36181
- Dean, A.J., Dipper, N.A. The production of pseudo X-ray events with long period decay characteristics in CsI(Na) scintillation crystals 1-37069
- Dean, E.M. *see* Singer, R.M. 1-23730
- Dean, J.F. UVB observations of two helium weak stars 1-27530
- Dean, J.F. *see* Balona, L.A. 1-36306
- Dean, J.P. *see* Georgi, D.T. 1-44333
- Dean, J.W., Stewart, W.F. Experience with an orifice flow meter installed in a helium refrigerator 1-46834
- Dean, P.D. *see* Salikuddin, M. 1-6732
- Dean, P.J., Cullis, A.G., White, A.M. Characterisation and properties of semiconductors 1-47712
- Dean, P.J., Herbert, D.C., Lahee, A.M. Resonant donor-bound-exciton luminescence in semiconductors 1-3456
- Dean, P.J., Herbert, D.C., Lahee, A.M. Study of donor species in ZnSe and ZnTe with a new photoluminescence technique 1-48135
- Dean, P.J. *see* Robbins, D.J. 1-8128
- Dean, P.J. *see* West, C.L. 1-12569
- Dean, P.N. High-resolution dual-laser flow cytometry 1-22173
- Dean, R.D. *see* Haas, J.S. 1-43951
- Dean, S.O. Laser fusion: 'the future' gets closer 1-45730
- Dean Ayers, R. Mechanical resonance of a plastic strip 1-49896
- Deane, G. *see* McDonough, M. 1-54290
- Deane, P.A. *see* Krakow, W.T. 1-43052
- Deane, P.A. *see* Roberts, L.D. 1-33428
- Deans, S.R. *see* Da Hsuan Feng 1-50531
- DeArdo, A.J. *see* Brown, E.L. 1-21497, 1-53216
- Deardorff, J.W. Stratoscumulus-capped mixed layers derived from a three-dimensional model 1-9204
- Deardorff, J.W., Peterson, E.W. The boundary-layer growth equation with Reynolds averaging 1-19671
- Deardorff, J.W., Willis, G.E., Stockton, B.H. Laboratory studies of the entrainment zone of a convectively mixed layer 1-4578
- Dearing, J.F. *see* Rose, S.D. 1-28540
- DeArmond, M.K. *see* Carlin, C.M. 1-50239
- DeAsmundis, C. *see* Bauch, R. 1-8470
- Deason, V.A. *see* Finley, J.R. 1-11480
- Deaton, T.F., Smith, W.L. Laser-induced damage measurements with 266-nm pulses 1-37531
- Deaver, B.S., Jr. *see* Finley, J.J. 1-30874
- Deaver Thomas, F. *see* Richardson, R.L. 1-8983
- Deb, B.M. *see* Bamzai, A.S. 1-37357
- Deb, S.K. *see* Asundi, V.K. 1-7393
- Deb, S.K. *see* Bansal, M.L. 1-38532
- Deb, S.K. *see* Neogy, C. 1-31898
- Deb, S.R., Barman, S., Chatterji, T.K. Analysis of elastic-plastic problems by finite element method 1-24697
- Deb Ray, G., Chakraborty, T.K., Banerjee, S.N. Propagation of axis-symmetric relativistic shock waves [supernovae] 1-17762
- Deb Ray, G., Sanyal, G. Plane relativistic shock waves at the edge of a gas 1-54357
- Debarbat, S. Astrolabe observations made at Paris and comparison with other results concerning the principle unitary terms 1-44073
- Debarre, A. *see* Brechignac, G. 1-19052
- Debe, M.K. *see* Lee, P.K. 1-15075
- Debehogne, H., de Freitas Mourao, R.R. Positions of Jupiter and Galilean satellites in December 1978 1-17781
- Debehogne, H., de Freitas Mourao, R.R. Direct determination of solar eclipse phases by Bessel's interpolation and iterations. Determination by differential corrections (improvement by least squares). Equality of the two methods by means of residuals tables 1-9349
- Debehogne, H., Machado, L.E., Caldeira, J.F., Vieira, G.G., Netto, E.R. Positions of asteroids at the GPO, ESO, La Silla, 1978, 1979 1-9406
- Debehogne, H., Zappala, V. Photoelectric light-curves of the asteroids 139 Juewa and 161 Athor, obtained with the 50 cm photometric telescope at ESO, La Silla 1-9407
- Debel, C. *see* Nielsen, A. 1-12875
- DeBell, G.W. *see* Balasubramanian, N. 1-45000
- DeBell, K., Essam, J.W. Series expansion studies of percolation at a surface 1-188
- Debenham, P.H., Falk, W.R. A compact momentum analysis system for ion beams of large emittance 1-10566
- Debergh, D. *see* Piette, J.-L. 1-4081
- Debertin, K. *see* Schotzig, U. 1-6102
- Debeve, P.T. *see* Long, D.D. 1-37064
- Debeve, P.T. *see* Nadsen, A. 1-45507
- Debi, S. *see* Sharma, S.K. 1-4127
- Debiec, H. *see* Mezykowski, T. 1-4324
- Debieve, J.-F. Reynolds stress evolution in a shock wave-turbulence interaction 1-42068
- DeBlois, R.L., Latham, T.S., McFarlin, D.J., Polk, D.H., Brower, D.F., Cardwell, G.L., Wildi, P. Bonded center leg for TEXT iron yoke 1-931
- DeBlois, R.L., Torell, S.P. TEXT TF coil bonding system 1-6012
- Debnam, H.R. *see* Gacasa, M. 1-50780
- Debnath, K.K. *see* Arya, V.K. 1-24695
- Debnath, N.C., Roychowdhury, M., Chatterjee, S. Electron energy-band structures of some AgCd alloys 1-7515
- Deboer, J.W.M. *see* Hutchinson, D.A. 1-29004
- Debosscher, A. *see* Dutre, W.L. 1-17272, 1-17274
- Debowska, E., Rozenfeld, B. Investigation of the electronic structure of uranium compounds UX₂ (X pnigogen) and UAsY (Y chalcogen) by positron annihilation 1-8155
- Debras-Guedon, J. *see* Borgoni, J. 1-5403
- DeBrota, D. *see* Klapper, M.H. 1-10631
- Debroyne, J. *see* van der Haegen, R. 1-2602
- Debru, M. *see* Schneider, J.C. 1-28576
- Debrun, J.L. *see* Valladon, M. 1-31937
- Debrunner, H., Lockwood, J.A. The spatial anisotropy, rigidity spectrum, and propagation characteristics of the relativistic solar particles during the event on May 7, 1978 1-40291
- Debrunner, W.E. The prediction of rain attenuation statistics 1-54159
- Debrus, J. *see* David, P. 1-50686
- Debrus, J. *see* Van Der Plicht, J. 1-10395
- Debs, M. Realisation of a sample holder and study of the relaxation β of polyethylene terephthalate at low temperatures 1-40820
- Debur, V.G. *see* Butslov, M.M. 1-36184
- Debust, R. *see* Abers, D.J. 1-54280
- Decamp, D. *see* Badier, J. 1-10218, 1-10582, 1-14430
- DeCampi, W.M. Forced precession of neutron stars 1-44585
- Decamps, B., Condat, M. Helical dislocations in a low stacking fault energy FCC alloy 1-11759
- Decamps, E.A., Durandeau, J.-P. New energy sources and education 1-27695
- Decarreau, A. *see* Ronveaux, A. 1-5083
- Dechambre, M., Gusev, G.A., Kushnerevsky, Yu.V., Lavergnat, J., Pellat, R., Pulintins, S.A., Selegel, V.V., Zhulin, I.A. High-frequency waves during the Araks experiments 1-44368
- Dechambre, M., Kushnerevsky, Yu.V., Lavergnat, J., Pellat, R., Pulintins, S.A., Selegel, V.V. Waves observed by the Araks experiments: the whistler mode 1-44369
- Dechambre, M., Lavergnat, J., Pellat, R. Waves observed by the Araks experiments: the VLF range 1-44370
- Dechambre, M. *see* Lavergnat, J. 1-44367
- Dechantsreiter, M. *see* Halzen, F. 1-10269
- Decharge, J., Sips, L., Gogny, D. Fully self-consistent description of high spin magnetic states in ^{208}Pb 1-28369
- Decher, R., Randall, J.L., Bender, P.L., Fallor, J.E. Design aspects of a laser gravitational wave detector in space 1-44833
- Decher, R. *see* Vessot, R.F.C. 1-27855
- Dechter, J.J., Levy, G.C. Aqueous relaxation reagents in nitrogen-15 NMR 1-16494
- Decius, J.C., Murhammer, D. Absolute IR intensities, dipole derivatives and vibrational charge parameters in the perchlorate anion 1-14895
- Deck, R.J. *see* Datta, T. 1-7602
- Deck, R.T. *see* Wysyn, G.M. 1-37542
- Decker, C.E. *see* Sykes, A.L. 1-21799
- Decker, D.L. Calibration of the high pressure scale 1-32953
- Decker, D.L., Grandjean, D.J., Bennett, J.M. Optical and surface physical characteristics of diamond-machined infrared window materials 1-29359

- Decker, D.L., Young, R., Vanfleet, H.B. Pressure effects on the enhancement of gold diffusivity in lead 1-30485
- Decker, D.L. *see* Porteus, J.O. 1-29311
- Decker, D.L. *see* Soileau, M.J. 1-1605, 1-29313
- Decker, E. Use of heat pumps in electro-deposition practice 1-35691
- Decker, F., Parkinson, B.A. The suppression of GaAs photocorrosion in aqueous solutions by sulfonated anthraquinones [liquid junction solar cells] 1-32019
- Decker, F. *see* Butler, M.A. 1-48867
- Decker, F. *see* Juliao, J.F. 1-16358, 1-26754
- Decker, G., Herold, H. The plasma focus 1-51995
- Decker, R., Pestieau, J. Lepton self-mass, Higgs scalar and heavy-quark masses 1-33137
- Decker, S.K., Hitchner, J.E., Williams, J.L. Reactive ion etching of titanium-permalloy films 1-3965
- Decker, S.K., Tsang, C. Magnetoresistive response of small Permalloy features 1-7910
- Deckert, C.A. Pattern etching of CVD $\text{Si}_3\text{N}_4/\text{SiO}_2$ composites in HF/glycerol mixtures 1-31694
- Deckert, J. Building elements using magneto-elastic principles 1-31008
- Decker, B.E.L., Jeffries, D., Iwamoto, J. Axially symmetrical compressible flow in variable area ducts 1-29714
- Deckman, H. *see* Yaakobi, B. 1-35116
- Decker, W.D. *see* Kelm, M. 1-5908
- Declais, Y. *see* Altkofer, O.C. 1-45773
- Declais, Y. *see* Aubert, J.J. 1-5630
- Declema, A. *see* Jaouen, M. 1-24088
- Declerck, G.J. *see* Claeys, C.L. 1-42400
- Declercq, A. *see* D'Hondt, P. 1-5808
- Deevara, P. *see* De Alti, G. 1-33503
- Decola, P.L., Andrews, J.R., Hochstrasser, R.M., Trommsdorff, H.P. Simultaneous narrow-line Raman spectra of ground and excited electronic states 1-24153
- Decomps, B. Lasers in biomedical technologies 1-26975
- Deconinck, H., Hirsch, C. Subsonic and transonic computation of cascade flows 1-2018
- Decoret, C., Tinland, B., Royer, J.-L., Aubert-Frecon, M. Electrostatic potential for some non-spherical organic molecules: an oblate-spheroidal dipolar approximation 1-24205
- Decoret, C. *see* Perrin, M. 1-28877
- DeCorpo, J.J. *see* Colton, R.J. 1-36768
- Decorps, M. *see* Gloux, J. 1-47952
- Decossas, F. *see* Moliton, A. 1-301
- Decoster, A.M. *see* Kirsch-De Mesmaeker, A. 1-47743
- Decoster, D., Depret, J. Method of characterization of dielectric or semiconductor materials using an optically pumped far infrared waveguide laser 1-358
- Decotignie, J.-D. Analysis of the propagation in circular cylindrical media having arbitrary index profile by staircase approximation 1-24336
- Decowski, P. *see* Morsch, H.P. 1-5754
- Decraemer, W.F., Maes, M.A., Vanhuse, V.J., Vanpeperstraete, P. A non-linear viscoelastic constitutive equation for soft biological tissues, based upon a structural model 1-4311
- Decreau, P.M.E. *see* Thiel, J. 1-19896
- Decroisette, M. *see* Bekiarian, A. 1-10518
- Decroisette, M. *see* Launspach, J. 1-46904
- Decroux, M. *see* Potel, M. 1-38357
- Deegkaev, T.T., Kryukov, I.I., Lidekis, T.P., Tsarenkov, B.V., Yakovlev, Yu.P. Liquid epitaxy of $\text{Ga}_{1-x}\text{Al}_x\text{Sb}$ variband structures 1-52455
- Deegkaev, T.T., Yas'kov, D.A., Lagkuev, D.Kh. Entrainment of a copper impurity in a solid solution of germanium telluride by a nonuniform temperature field 1-30484
- Deegkaev, T.T., Zhukova, T.B., Yas'kov, D.A., Lagkuev, D.Kh. Investigation of the Soret effect in lead telluride 1-2702
- Deegkaev, T.T. *see* Boikov, Yu.A. 1-20888
- Deden, H., Grassier, H., Kirch, D., Schultze, K., Bockmann, K., Glimpf, W., Kokott, T.P., Nellen, B., Saarikuu, H., Wunsch, B., Bosetti, P.C., Cundy, D.C., Grant, A.L., Hulth, P.O., Pape, L., Peyrou, C., Skjeggstad, O., Wachsmuth, H., Mermikides, M., Yayaki, A., Barnham, K.W.J., Butterworth, I., Chima, J.S., Clayton, E.F., Miller, D.B., Mobayyan, M., Petrides, A., Powell, K.J., Albajar, C., Lloyd, J.L., Myatt, G., Perkins, D.H., Poppe, M., Radojicic, D., Renton, P., Saitta, B., Wells, J., Bloch, M., Bolognese, T., Tallini, B., Velasco, J., Vignaud, D. A test of ν stability using a 200 GeV narrow-band neutrino beam at BEBC 1-28311
- Dedeoglu, S.M. Evaluation of the turning points of gyroscopic oscillations 1-9975
- Dederen, J.C. *see* Van der Auwerker, M. 1-48742
- Dederichs, H. *see* Arlt, G. 1-21149
- Dederichs, H. *see* Podloucky, R. 1-34653
- Dederichs, P.H. *see* Ram, P.N. 1-43214
- Dedieu, E. *see* Grosbras, M. 1-21547
- Dedrick, R.L. *see* Goldstein, S.R. 1-22177
- Dedukh, L.M., Indenbom, M.V., Nikitenko, V.I. Interaction between a dislocation and domain wall produced by a gradient field in a uniaxial magnetic film 1-42986
- Dedukh, L.M. *see* Nikitenko, V.I. 1-3213, 1-52815
- Dedyk, A.I. *see* Vendik, O.G. 1-26119
- Dee, G., Gunton, J.D., Kawasaki, K. An exact solution of the renormalization-group equations for the mean field theory of stable and metastable states 1-40740
- Dee, G. *see* Miguel, M.S. 1-52301
- Deeg, F.W. *see* Brauchle, C. 1-29018
- Deehr, C.S. *see* Henrikson, K. 1-17718
- Deehr, C.S. *see* Sandholt, P.-E. 1-4715
- Deehr, C.S. *see* Sivjee, G.G. 1-40246
- Deehr, C.S. *see* Wescott, E.M. 1-40251
- Deeken, P. *see* Wensch, I.O. 1-23828
- Deemer, A.R., Jing-Den Chen, Hegde, M.G., Slatery, J.C. Measuring liquid-liquid interfacial behavior with the deep-channel surface viscometer 1-30521
- Deen, J.R., Snelgrove, J.L. Analytical comparison of boron and cadmium absorbers in research reactors 1-50770
- Deepak, A. *see* Yue, G.K. 1-19262
- Deerenberg, A., Schouten, J.A., Trappeniers, N.J. Vapour-liquid and gas-gas equilibria in simple systems. VI. The critical exponents β_p and β_T of the system neon-xenon 1-7310
- Deerenberg, A., Schouten, J.A., Trappeniers, N.J. The coexistence surface of neon-xenon near the critical double point 1-38049
- Deerenberg, A.J.M. *see* Davelaar, J. 1-36371
- Deerfield, D. *see* Dixon, D.A. 1-45808
- Dees, P.J., Tjan, T.G., Polderman, J. Determination of pore diameter by permeability measurements 1-40757
- Deeth, C.P. Electronic distance measuring instruments calibration and use for deformation measurements 1-9969
- Deev, G.F., Patskevich, I.R. The effect of an alternating electric field on interfacial tension 1-52391
- Deev, V.I. *see* Arkhipov, V.V. 1-37772
- Defendi, V. *see* Corry, W.D. 1-53943
- DeFeo, W.E. *see* Menyuk, N. 1-13207
- DeFerrari, H.A., Leung, R. A comparison of the theory of sound transmission through a fluctuating ocean with temporal measurements by Jobst 1-11228
- Defnner, U., Regulla, D.F. Influences of physical parameters on high-level amino acid dosimetry 1-6047
- Defina, J.A., Andrews, P.R. Evaluation of MINDO3 calculations in simple amides, ureas, and heterocycles of biological interest 1-10660
- DeFonzo, A.P. *see* Lee, C.H. 1-52597
- DeFotis, G.C., Cowen, J.A. Magnetization and NMR in pure and mixed crystal $\text{Fe}[\text{S}_2\text{CN}(\text{C}_2\text{H}_5)_2]_2\text{Cl}_2\text{Br}_{1-x}$ 3D-Ising ferromagnetism and evidence for a strain induced ground state 1-3211
- Defrain, A. *see* Bererhi, A. 1-30034
- Defrain, A. *see* Bizid, A. 1-46985
- Defrance, P., Brouillard, F., Claeys, W., Van Wassenhove, G. Crossed beam measurement of absolute cross sections: an alternative method and its application to the electron impact ionisation of He^+ 1-29120
- Defrance, P., Claeys, W., Cornet, A., Poulaert, G. Electron impact ionisation of metastable atomic hydrogen 1-29121
- DeFranco, M. *see* Schmitz, F. 1-822
- DeFrees, D.J. *see* Jeffrey, G.A. 1-20174
- Defresne, A. *see* Machizaud, F. 1-34236
- Defrise, M. On the interference between C-even and C-odd contributions to the reaction $e^+e^- \rightarrow e^+e^-\pi^+\pi^-$ 1-5640
- Defrise, M., Ong, S., Silva, J., Carimalo, C. Double equivalent-photon approximation including radiative corrections for photon-photon collision experiments without electron tagging 1-45381
- DeFur, D.D. An IHX design for pool type LMFBFR system application 1-23229
- Dega-Szafran, Z. Dipolar association of complexes of some pyrimidines with trifluoroacetic acid in benzene at 27°C 1-2307
- Degaleesan, T.E. *see* Venkataraman, K. 1-15492
- DeGance, A.E., Johns, L.E. On the construction of dispersion approximations to the solution of the convective diffusion equation 1-2100
- Degani, D., Hussaini, M.Y., Wray, A.A. Vorticed injection into compressible laminar and turbulent boundary layers 1-19668
- Degani, D. *see* Rosenau, P. 1-19867
- Degani, J., Leheney, R.F., Nahory, R.E., Pollack, M.A., Heritage, J.P., DeWinter, J.C. Fast photoconductive detector using $\text{p-In}_{0.51}\text{Ga}_{0.49}\text{As}$ with response to 1.7 μm 1-45004
- Degani, J., Rokni, M., Yatsiv, S. Investigation of H β excitation by X-ray sustained discharge in Xe/HgBr_2 mixtures 1-37477
- Degani, J., Yatsiv, S. Recombination spectrum in X-ray photoionized xenon and Hg-vapour 1-39635
- Degani, N., Picholtz, D. Radiosensitivity of different tissues from carrot root at different phases of growth in culture 1-26952
- Degaonkar, S.S. *see* Bohnsle, R.V. 1-36257
- Degaonkar, S.S. *see* Sawant, H.S. 1-4883
- Degas, P. *see* Peletskii, V.E. 1-16273
- Degasperis, A., Olshanetsky, M.A., Perelomov, A.M. Group-theoretical approach to a class of Lax equations including those solvable by the spectral transform 1-18070
- Degasperis, A. *see* Calogero, F. 1-36512
- Degen, M.G. *see* Fedorov, N.F. 1-7103
- Degenhardt, H. On the use of rare-earth luminescent materials in high-definition intensifying screens 1-18345
- Degest, H. *see* Denys, B.G. 1-8893
- Degewij, J. Spectroscopy of faint asteroids, satellites, and comets 1-9405
- Degewij, J., Cruikshank, D.P., Hartmann, W.K. Periodic Comet Schwassmann-Wachmann 1 and (2060) Chiron 1-44503
- degli Atti, C. Ciofi *see* Ciofi degli Atti, C.
- Degli Esposti, C. *see* Cazzoli, G. 1-14871
- Deglow, T.L. *see* Brook, J.W. 1-45716
- Degnan, J.H., Nuttelman, R.A., Kiuttu, G.F., Reinovsky, R.E., Baker, R.L. Experimental and computational study of axial magnetic field compression by cylindrical plasma liners 1-33024
- Degnan, J.H. *see* Nuttelman, R.A. 1-33014
- Degnan, J.H. *see* Reinovsky, R.E. 1-33087
- Degrauwe, J., Brauns, E., Van Overstraeten, R., Roos, J., Govaerts, R. Sintering mechanisms in base metal conductors 1-31377
- DeGrand, T.A., Miettinen, H.I. Quark dynamics of polarization in inclusive hadron production 1-50476
- DeGrand, T.A., Toussaint, D. Topological excitations and Monte Carlo simulation of Abelian gauge theory 1-23458
- Degre, A. *see* Bourquin, M. 1-10276
- DeGroot, A.J. *see* Weber, M.J. 1-39148
- DeGroot, J.S. *see* Wee Woo 1-19893
- DeGroot, M.S. *see* Brokken-Zijp, J.C.M. 1-39769
- Degtev, O.N. *see* Ivanov, A.G. 1-31976
- Degtyar', E.P. *see* Datsko, O.I. 1-42463
- Degtyarenko, K.M. *see* Danilova, V.I. 1-6552
- Degtyarev, E.N. *see* Yakimchenko, O.E. 1-39658
- Degtyarev, M.V. *see* Bol'shchikova, T.P. 1-53108
- Degtyareva, E.V. *see* Boyarina, I.L. 1-8256
- Deguchi, K., Nakamura, E. Deviation from the Curie-Weiss law in KH_2PO_4 1-26109
- Deguchi, K., Omae, T., Nishikawa, K., Aono, S. On the relation between the quantum scattering theory and the molecular orbital theories of chemical reactivity 1-39612
- Deguchi, K., Sumi, T., Nakamura, E. Thermal expansion coefficient of ferroelectric triglycine selenate near the critical temperature 1-30429
- Deguchi, K. *see* Ushio, S. 1-21165
- Deguchi, S. *see* Saito, M. 1-54632
- Deh-shi Zhang, Zhong-hua Zhang Method for reduction of AC-DC transfer error caused by the Thomson effect for the multijunction thermal converter 1-36694
- deHaas, N. *see* Silver, D.M. 1-48668
- Dehairs, F., Chesselet, R., Jedwab, J. Discrete suspended particles of barite and the barium cycle in the open ocean 1-4509
- Dehareng, D. *see* Lorquet, J.C. 1-19148
- Dehesa, J.S. Giant multipole resonances in ^{208}Pb 1-28441
- Dehesa, J.S. Orthogonal polynomials in transport theories 1-36586
- Dehmet, H. *see* Neuhauser, W. 1-2221
- Dehmelt, H.G. *see* Schwinberg, P.B. 1-37074
- Dehmer, J.L. Shape resonances, vibrational excitation and dipole fields in electron-molecule scattering 1-37329
- Dehmer, J.L. *see* Codling, K. 1-24087, 1-46018
- Dehmer, J.L. *see* Dill, D. 1-14968
- Dehmer, J.L. *see* Inokuti, M. 1-24227
- Dehmer, J.L. *see* Parr, A.C. 1-33519
- Dehmer, J.L. *see* Siegel, J. 1-46126
- Dehmer, P.M., Poliakoff, E.D. Photoionization of the Ar_2 dimer 1-33515
- Dehne, H.C. *see* Berger, C. 1-5636, 1-10209
- Dehne, H.C. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331
- Dehoff, R.T. *see* Gokhale, A.M. 1-8333
- DeHollander, W.R. *see* Lin, C.C. 1-18797
- Dehos, R., Kistner, G. Strontium-90 content in human bone of West German residents 1-17500
- Dehuai, L., Wybourne, B.G. The symmetric group: branching rules, products and plethysms for spin representations 1-36525
- Dei Cas, R. *see* Blum, J. 1-913
- Deimling, M., Brunner, H., Dinse, K.P., Hauser, K.H., Colpa, J.P. Microwave-induced optical nuclear polarization (MI-ONP) 1-16504
- Deimontovich, V.B. *see* Radomys'kii, I.D. 1-53248
- Deinega, Yu.F., Polyakova, V.M., Sirota, L.A., Belinskii, V.N. Investigation of cathodic deposition of ionic oligomers and metals 1-17063
- Deineko, A.S. *see* Ustimenkov, K.F. 1-23629
- Deinema, C.H.A. *see* Wieneke, G.H. 1-27012

- Deinichenko, O.N. A spectrophotometric study of the barium star HD 77912 1-22806
- Deininger, D., Michel, D., Heidrich, D. Quantum chemical interpretation of ^{13}C NMR spectra of adsorbed molecules 1-26060
- Deirmendjian, D. A survey of light-scattering techniques used in the remote monitoring of atmospheric aerosols 1-13616
- Deis, G. see Drake, R.P. 1-25041
- Deiters, K., Donat, A., Lanius, K., Leiste, R., Roser, U., Sachwitz, M., Trutzschler, K., Aprile, E., Motz, G., Rubbia, C., Kochi, D., Stauda, A. Test of a liquid argon multistrap ionization chamber with 8.5 μm RMS resolution 1-51044
- DeJager, D. Camera viewfinder using tilted concave mirror erecting elements 1-45057
- Dejaiffe, R. After the historical survey of Pioneer 11. The new face of Saturn 1-13726
- DeJarnette, H. see Simons, D.G. 1-35419
- Dejehet, F. see Apers, D.J. 1-54280
- Dejus, R., Skold, K., Graneli, B. Novel technique for radioactive tracer diffusion measurements applied to Cu^+ diffusion in CuI 1-7383
- Deka, B.K., Dyer, P.E. Comments on 'Air breakdown by pulsed laser radiation in the 2.7- and 3.8- μm region' 1-15575
- Deka, B.K., Dyer, P.E., Sayers, J.A. Investigation of laser supported detonation waves and thermal coupling using 2.8 μm HF laser irradiated metal targets 1-43223
- Deka, M., Almeida, S.P., Fujii, H. Root-mean-square difference between the intensities of non-Gaussian speckle at two different wavelengths 1-51370
- deKeijser, Th.H. see Delhez, R. 1-29962
- Dekel, A., Lecar, M., Shaham, J. N-body simulations of slow tidal encounters and the formation of galactic halos 1-44628
- Deker, U., Ryter, D. Properties of the noise-induced ('spurious') drift. II. Simplifications of Langevin equations 1-9928
- Deker, U. see Ryter, D. 1-9927
- Dekeyser, R., Stella, A. Differential renormalization of van der Waals spin models 1-38945
- Dekhtyar', A.S. Limiting analysis of shells of complex outline 1-24700
- Dekhtyar', A.S., Rasskazov, A.O. Optimum design of three-layer plates 1-29560
- Dekhtyar', I.Ya., Dekhtyar', M.I. The interaction of positrons with a lattice instability 1-25262
- Dekhtyar', I.Ya., Ivanov, L.I., Karlov, N.V., Nikiforov, Yu.N., Ishchenko, M.M., Prokhorov, A.M., Yanushkevich, V.A. Formation of intermetallic compositions in the Nb-Fe system under the action of a shock wave caused by laser irradiation 1-53017
- Dekhtyar', I.Ya., Krulikovskaya, M.P., Sakharova, S.G., Fedchenko, R.G., Bukhalenko, V.V. Carbon redistribution in tungsten single crystals affected by γ -irradiation 1-7208
- Dekhtyar', I.Ya., Madatova, E.G., Nishchenko, M.M., Abraev, Ch. Studies in electron properties of amorphous alloys by positron annihilation 1-43210
- Dekhtyar', I.Ya., Madatova, E.G., Nishchenko, M.M., Abraev, Ch. Positron annihilation in amorphous alloys 1-53013
- Dekhtyar', I.Ya., Nishchenko, M.M., Velichko, O.A., Marchenko, L.I. Studies of atom redistribution and compound formation in the Nb-Fe system under laser irradiation 1-3545
- Dekhtyar', I.Ya., Rustamov, Sh.A., Fedchenko, R.G., Dekhtyar', M.I. Interaction of positrons with radiation defects in niobium 1-12597
- Dekhtyar', I.Ya., Silant'ev, V.I., Sakharova, S.G., Adonkin, V.T. Energy spectrum of electrons on the surface of a crystal investigated by the positron annihilation method 1-25788
- Dekhtyar', I.Ya., see Chizhek, A. 1-48427
- Dekhtyar', L.L., Muraev, A.I. Improvement of torsional fatigue testing methods used with resonance machines 1-48610
- Dekhtyar', M.I. see Dekhtyar', I.Ya. 1-12597, 1-25262
- Dekker, A.J. see Leenhouts, F. 1-47138
- Dekker, H. Functional integration in Riemannian geometries revisited 1-137
- Dekker, H. Critical dynamics. The expansion of the master equation including a critical point. I. Diffusion processes 1-5262
- Dekker, H. Critical dynamics. The expansion of the master equation including a critical point. II. General Markov processes 1-5263
- Dekker, H. On the path integral for diffusion in curved spaces 1-14081
- Dekker, H. On the most probable transition path of a general diffusion process 1-18178
- Dekker, H. Damped oscillator pure state representations 1-27823
- DeKoven, B.M., Levy, D.H. Van der Waals molecules and the mechanism of dimer formation in jet-cooled CF_3NO 1-48664
- Dekowski, F. Wet drawing of aluminium wire for manufacture of conductors 1-12777
- del Aguilá, F. Classification of three-particle states according to an orthonormal $\text{SU}(3) \supset \text{SO}(3)$ basis 1-451
- del Aguilá, F., Doncel, M.G. Democratic formalism of three-body decays 1-18474
- del Aguilá, F., Ibanez, L.E. Higgs bosons in $\text{SO}(10)$ and partial unification 1-33141
- del Arbol, J.A. Ruiz see Ruiz del Arbol, J.A.
- Del Bianco, W., Kajrys, G. Angular distribution of the $^3\text{H}(\text{p}, \gamma)^4\text{He}$ reaction at proton energies below 1 MeV 1-5775
- Del Bucchia, S., Jumas, J.C., Maurin, M. Study of system $\text{SnS}_5\text{-BaS}$: structure of BaSn_2S_3 1-30154
- del Carmen De Teresa, M. see Pisanty, A. 1-47467
- del Cerro, C. see del Cerro, M. 1-9062
- del Cerro, J., Ramos, S., Zamora, M. Calorimetric method for the determination of the pyroelectric coefficient. Study of triglycine sulfate 1-26133
- del Cerro, J. see Ramos, S. 1-7350
- del Cerro, M., Standler, N.S., del Cerro, C. High resolution optical microscopy of animal tissues by the use of sub-micrometer thick sections and a new stain 1-9062
- del Conde, G.P. see Ortega Blake, I. 1-35519
- del Conde, P., G. see Morales, J.L. 1-6177
- del Cueto, J., Johnson, R.L., Wirth, F.H., Graf, E.H., Rohde, T. Experiments in ^4He - ^4He liquid mixtures near the tricritical point 1-2759
- del Egidio, P. Juncos see Juncos del Egidio, P.
- del Fabbro, R. see Bacci, C. 1-575
- Del Giallo, F. see Conforti, G. 1-14209
- Del Guerra, A. see Bellazzini, R. 1-51061
- del Marmol, P. see Neve de Mevergnies, M. 1-6328
- del Moral, A., Lee, E.W. Point-charge crystal-field calculation of magnetoelastic and elastic constants for rare earth intermetallic compounds with the CsCl structure 1-26002
- del Olmo, M.A. see Carinena, J.F. 1-27773
- del Papa, C. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Del Pennino, U. see Abbati, I. 1-12634, 1-31304, 1-53047
- del Pennino, U. see Mantovani, S. 1-2916
- Del Pizzo, V., Luther-Davies, B., Siegrist, M.R. Nonstationary self-focusing of laser emission in a strongly ionized absorbing laser plasma 1-2195
- Del Prete, T. see Antreasyan, D. 1-10287
- Del Re, G., Barone, V., Montella, N., Julg, A. On the shapes of weakly adsorbed two-dimensional clusters 1-2824
- Del Re, G. see Barone, V. 1-7471
- Del Rio, F. Effective diameters and corresponding states of fluids 1-38222
- del Rio, G. RGU photographic photometry of the open cluster NGC 2194 1-9592
- Del Sole, R., Fiorino, E. Local-field and excitonic effects on optical properties of crystal surfaces 1-52908
- Del Vecchio, R.M. An efficient procedure for modeling complex hysteresis processes in ferromagnetic materials 1-7891
- del Vigna Filho, E. see Ettinger, K.V. 1-8134, 1-9031
- Del Zoppo, A. see Alba, R. 1-50675
- Delaney, L. see Janssen, J. 1-31644
- Delaney, L. see van Houtte, P. 1-21447
- Delaney, L. see Wollants, P. 1-25463
- Delafeld, H.J., Gibson, J.A.B., Holt, P.D., Harrison, K.G. Nuclear accident dosimetry systems: U.K. measurements at the sixteenth intercomparison at O.R.N.L. August 1979 1-969
- Delagrè, H. see Cabot, C. 1-14537, 1-45546
- Delahaigüe, A., Thiebaux, C., Jouve, P. A monochromatic and frequency stabilized CW source in the 5 μm region obtained by doubling the frequencies of a CW laser in tellurium 1-37545
- Delahaigüe, A. see Thiebaux, C. 1-37505
- Delahay, P. see Von Burg, K. 1-53044
- Delahay, P. see Watanabe, I. 1-3563
- Delaire, J.A. see Berlin, Yu.A. 1-26723
- Delale, C.F. Lower bound estimate for droplet size in two-phase dispersed flow 1-38002
- Delaloye, M., Desmons, J. Ophiolites and melange terranes in Iran: a geochronological study and its paleotectonic implication 1-22303
- Delamare, F. see Kubie, J. 1-37859
- Delamazure, A. Exploration and development of Indonesian oil resources and their financing 1-8662
- Delamare, A. see Givanev, R.O. 1-9370
- Delamore, G.W., Hill, J.M. Solute concentration profiles in ternary lamellar eutectic growth 1-2496
- Delamoye, P. see Conway, J.G. 1-48119
- DeLand, F.H. see Goldenberg, D.M. 1-4363
- Deland, P.N., Shifflett, R.C. Covariance linear functionals on doubly stochastic measures 1-5231
- Delande, D. see Gay, J.C. 1-24067
- Delaney, J.B. see Butler, J.K. 1-29276
- Delaney, J.J., Saunders, V.R., Hillier, I.H. Stieltjes-Tchebycheff calculations in the static-exchange approximation of photoexcitation and ionisation in water 1-45832
- Delano, J.W. see Arculus, R.J. 1-17569
- Delany, A.C. see Lenschow, D.H. 1-27226
- Delany, A.C. see Patterson, E.M. 1-44248
- Delany, A.C. see Routhier, F. 1-40164
- Delapalme, A., Forte, M., Fournier, J.M., Rebizant, J., Spirelet, J.C. Induced magnetic form factor of NpO_2 1-47843
- Delapalme, A. see Boucherle, J.X. 1-47859
- Delapalme, A. see Marmeggi, J.C. 1-47041
- Delaroche, J.P., Hauoat, G., Lachkar, J., Patin, Y., Sigaud, J., Chardine, J. Deformations, moments, and radii of $^{182,183,184,186}\text{W}$ from fast neutron scattering 1-36902
- Delauay, D., Huntz, A.M., Lacombe, P. Mechanical stresses developed in high temperature resistant alloys during isothermal and cyclic oxidation treatments: the influence of yttrium additions on oxide scale adherence 1-48562
- Delauany, G. see Ropars, F. 1-52662
- Delaval, J. see Bernier, H. 1-38465
- Delaval, J.M., Dufour, C., Schamps, J. Rotational analysis of ultraviolet systems of FeCl 1-24109
- Delavignette, P. see Hagege, S. 1-20222, 1-25291
- Delavignette, P. see Nouet, G. 1-25292, 1-38383
- Delay, D.B. see Buckmaster, H.A. 1-26031, 1-43002
- Delaye, M.T. see Jouve, H. 1-7916
- Delbar, T. see Belery, P. 1-37081
- Delbar, T. see Davison, N.E. 1-36957
- Delbourgo, R. Solution of the gauge identities in the axial gauge 1-45110
- Delbourgo, R., Jarvis, P.D. Axial anomalies by dimensional reduction 1-40947
- Delbruck, M. Was Bose-Einstein statistics arrived at by serendipity? 1-5071
- Delchar, T.A. see Tittley, D.J. 1-39206, 1-53039
- Delcourt, B., Bisello, D., Bizot, J.-C., Buon, J., Cordier, A., Mane, F. Study of the reaction $e^- + \text{K}^+ \rightarrow \text{K}^0 + \text{K}^+$ in the total energy range 1400-2060 MeV 1-45329
- Delcourt, B. see Bizot, J.C. 1-10243
- Delcourt, B. see Courau, A. 1-14440
- Delcourt, B. see Mane, F. 1-45330
- Delcourt, H.R., Harris, W.F. Carbon budget of the southeastern U.S. biota: analysis of historical change in trend from source to sink 1-49373
- Delcros, P. see Badier, J. 1-10582
- Delcros, P. see Boucrot, J. 1-1039, 1-14784
- Delduc, F., Gourdin, M., Oudrhiri-Safiani, E.L.G. Photon structure functions in quantum chromodynamics. II. Operator product expansion method 1-5566
- Delduc, F., Gourdin, M., Oudrhiri-Safiani, E.L.G. Photon structure functions in quantum chromodynamics. I. Feynman diagram method 1-5567
- Deleka, O., Opilski, A. Measurements of propagation velocity of ultrasonic wave at a frequency of 10 MHz in pure and deuterated KDP single crystals 1-15336
- Delekorskii, B.A., Orlov, I.N., Chernyavva, O.M. A mathematical model of a linear magnetisation of magnetically hard materials 1-25980
- DeLeo, G.G., Watkins, G.D., Fowler, W.B. Theory of interstitial transition-metal impurities in silicon 1-47565
- DeLeon, R. see Miller, D.J. 1-24188
- DeLeon, R.L., Jones, P.H., Muentzer, J.S. Radio frequency-IR double resonance spectroscopy using a color center laser 1-46001
- DeLeon, R.L., Yokozeki, A., Muentzer, J.S. Structure, properties, and inversion of the ArSO_2 van der Waals molecule 1-1212
- DeLeonardis, R.M., Trullinger, S.E. Exact kink-gas phenomenology at low temperatures 1-23107
- DeLeonardis, R.M. see Trullinger, S.E. 1-18174
- Deleplanque, M.A. see Alconard, M.M. 1-23590
- Delescluse, P., Masson, A. Diffuse scattering in RHEED induced by linear disorders of sulphur segregated on nickel (111) surface 1-20531
- Deleuil, R. see Blich, P. 1-46542
- Deleuil, R. see Blich, P.J. 1-8694
- Delfino, A. see Coelho, H.T. 1-5716
- Delfino, M. see Loiacono, G.M. 1-26138
- Delfosse, A. see Cleland, W.E. 1-23522, 1-45360
- Delft, J.L. Van see Van Delft, J.L.
- Delgado, A. see Hodgson, E.R. 1-2513, 1-38599
- Delgado, J. see Madhukar, A. 1-52635
- Delgado, L.A., Hutchinson, T.E. Elemental loss during electron beam irradiation 1-30282
- Delgado-Barrio, G. see Beswick, J.A. 1-10708
- Delgado-Barrio, G. see Moscardo, F. 1-51079
- Delhaes, P. The radical cation salts: a view of organic metals 1-42371
- Delhaes, P., Manceau, J.P., Guérard, D. Physical properties of first and second stage lithium graphite intercalation compounds 1-42550
- Delhaes, P. see Carmona, F. 1-12084
- Delhaes, P. see Filhol, A. 1-15881
- Delhaes, P. see Masson, M. 1-17030

- Delhalle, J.** Relations between ESCA and valence energy band structures of stereoregular polymers 1-21329
- Delhalle, J., Bredas, J.L., Andre, J.M.** Restricted Hartree-Fock investigation of the changes induced in the electronic structure of an infinite chain of hydrogen atoms when doping with lithium 1-42668
- Delhalle, J., Piela, L., Bredas, J.-L., Andre, J.-M.** Multipole expansion in tight-binding Hartree-Fock calculations for infinite model polymers 1-34614
- Delhalle, J. see Piela, L.** 1-29152
- Delhalle, J. see Andre, J.-M. (editor)** 1-17938
- Delhez, R., deKeijser, T.H., Mittemeijer, E.J.** Accuracy of crystallite size and strain values from X-ray diffraction line profiles using Fourier series 1-29962
- Delhez, R. see Bendijk, A.** 1-21438
- Delhez, R. see Mittemeijer, E.J.** 1-29985
- Delichatsios, M.A.** Particle coagulation in steady turbulent flows: application to smoke aging 1-31915
- Delimova, L.A. see Grekhov, I.V.** 1-21206, 1-42788
- Deline, V. see Matsumoto, S.** 1-42575
- Deline, V.R.** Factors influencing secondary ion yields 1-31281
- Deline, V.R. see Evans, C.A., Jr.** 1-30265
- Deline, V.R. see Lidow, A.** 1-2479
- Deline, V.R. see Wilson, R.G.** 1-34380
- Delion, D., see Zugravescu, D.** 1-44071
- Delion, D.S., Gridnev, K.A., Hefter, E.F., Semjonov, V.M.** Elastic scattering of heavy ions and a modified liquid drop model 1-5798
- Delionbach, L.M., Wilhold, G.A.** Extracting energy from natural flow 1-39733
- Delise, D.A. see Barber, H.B.** 1-36153
- Delisle, C. see Chrostowski, J.** 1-10997
- Dell, R.M.** Hydrogen as a future alternative fuel 1-4215
- Dell, R.M.** Hydrogen as a future alternative fuel 1-26856
- Della Mea, G. see Battagliani, G.** 1-11778
- Della Mea, G. see Bonora, P.L.** 1-21650
- Della Negra, S. see Cabot, C.** 1-14537
- Della Negra, S. see Le Beyec, Y.** 1-27042
- Della Vedova, C.O., Lesk, J.H., Varet, E.L., Aymonio, P.J., Piro, O.E., Rivero, B.E., Castellano, E.E.** TGA-DTA, infrared and X-ray powder diffraction studies on strontium nitropersulfate and its hydrates 1-31145
- Della Ventura, A. see Brambilla, P.** 1-4624
- Della-Negra, M. see Aubert, B.** 1-14748
- Dellacasa, G., Gallio, M., Musso, A., Rapetti, M., Zephat, A.G., Mirfakhrai, N., Playfer, S.M., Michaelis, E.G.** Methods of determining the electron drift velocity in drift chambers 1-14766
- Dellacasa, G. see Stanovnik, A.** 1-23950
- Dellaert, L.M.W.** Dose response curves after irradiation of Arabidopsis seeds: a possible explanation for the 'saturation' in mutant frequency at high radiation doses 1-35831
- Dellafera, P., Labusch, R., Roscher, H.H.** An alternative method of preparing hydrogen-doped evaporated amorphous silicon. Preliminary report 1-43275
- DellaGuardia, R.A., Johnston, F.J.** Radiation-induced reaction of sulfur and water 1-43688
- Dellepiane, G. see Zerbi, G.** 1-35751
- Delleur, J.-W. see Sautier, J.-L.** 1-49307
- Delley, B., Ellis, D.E., Freeman, A.J.** Embedded molecular cluster approach to the electronic structure of amorphous and liquid metals 1-30619
- Delley, B. see Guntherodt, H.J.** 1-25619
- Dellis, J.H. see Campbell, E.M.** 1-41228
- Dell'Oca, C. see D'Avanzo, D.C.** 1-32957
- Dell'Oca, C.J. see Jun-Wei Chen** 1-52519
- Dellonte, S. see Birks, J.B.** 1-1268
- Delmas, C. see Braconnier, J.J.** 1-31375
- Delmas, R.** Atmospheric CO₂ in the past 1-27239
- Delmas, R., Baudet, J., Servant, J., Baziard, Y.** Emissions and concentrations of hydrogen sulfide in the air of the tropical forest of the Ivory Coast and of temperate regions in France 1-13528
- Delmastro, A. see Caldara, F.** 1-16207
- Delmelle, M. see Renard, M.** 1-26940
- Delmoule, L., Van Der Kelen, G.P.** NMR study (¹H, ¹³C and ²⁹Si) of (CH₃)₂-Si(CH=CH₂)_x, compounds where x=0, 1, 2, 3, 4 1-1255
- Delmoule, L., Van Der Kelen, G.P.** NMR study (¹H, ¹³C and ²⁹Si) of the methylallylsilanes 1-1256
- Delmoule, L., Van Der Kelen, G.P.** NMR study of the ViSiX₂- compounds with X=Cl, Br; x=0, 1, 2, 3 1-6280
- Delmoule, L., Van Der Kelen, G.P.** NMR (¹H, ¹³C, ²⁹Si) study of some allylhalogenosilanes 1-28999
- Delobelle, P., Loxcellent, C., Oytana, C.** Effect of the non-stoichiometry on the creep of β -brass stable at high temperature 1-21523
- Delobelle, P. see Oytana, C.** 1-39394
- Deloché, B. see Dubault, A.** 1-16031
- Deloff, A.** S-matrix approach to hadronic atom level shifts 1-50601
- Delone, N.B., Masalov, A.V., Kovarski, V.A., Perelman, N.F.** The resonant ionisation of atoms under multifrequency laser radiation 1-10701
- Delong, L.E.** The anomalous physical properties of RESn₃ and (LaRE)Sn₃ compounds and alloys 1-25827
- DeLong, L.E., Tovar, M., Maple, M.B., Johnston, D.C.** Crystal field effects in the magnetic susceptibility of dilute alloys of LaSn₃ containing Nd impurities 1-25910
- DeLong, S.E. see Anderson, R.N.** 1-27144
- Delori, F.C., Parker, J.S., Mainster, M.A.** Light levels in fundus photography and fluorescein angiography 1-35869
- Delorme, J.** Photopion reactions, a probe for nuclear critical opalescence 1-14476
- Delorme, J.** An investigation of nuclear critical opalescence with photopion reactions 1-23635
- Delorme, J., Figureau, A., Guichon, P.** Nuclear critical opalescence and the M1 form factors of ¹²C and ¹³C 1-45432
- Deloupy, C. see Bernard, O.** 1-40881
- Delourme, D. see Bonnemay, A.** 1-28678
- Delpak, R.** A finite element assessment of natural frequencies of undamped elastic 1-24716
- Delpak, R., Hague, W.M.** An experimental and theoretical investigation of the frequencies and mode shapes of axisymmetric shell models 1-19617
- Delpech, J.F. see Safinya, K.A.** 1-1189
- Delpech, Ph. see Carencio, A.** 1-11185
- Delpech, Ph. see Haond, M.** 1-29302
- Delpierré, P. see Badier, J.** 1-10218, 1-10582
- Delpierré, P. see Badier, J.** 1-14430
- Delpeuch, J.J. see Masson, M.A.** 1-10759
- Delrieu, J.M., Roger, M., Hetherington, J.H.** Physical origin of multiple three and four spin (or atoms) exchange in quantum solids with some consequences 1-2771
- Delrieu, J.M. see Roger, M.** 1-2772
- Delrue, J.P., Heq, A., Robert, T.** X-ray photoelectron spectroscopy characterization of thin fluorine-platinum films 1-16666
- Delsart, C. see Kaftandjian, V.P.** 1-51171
- Delseme, A.H.** Pristine nature of comets as revealed by their UV spectrum 1-32657
- Deltour, R. see Thomas, J.F.** 1-49905
- DeLuca, J.A.** An introduction to luminescence in inorganic solids 1-13961
- DeLuca, J.C. see Suran, G.** 1-12367
- DeLuca, P.M., Jr. see Brandan, M.-E.** 1-17536
- Deluigi, B. see Gammeke, H.** 1-14507
- DeLuisi, J.J.** Disparities in the determination of atmospheric ozone from solar ultraviolet transmission measurements 298.1-319.5 nm 1-40157
- Delumyea, R.G., Lih-Ching Chu, Macias, E.S.** Determination of elemental carbon component of soot in ambient aerosol samples 1-4236
- Delunay, G., Ropars, F., Desjupols, J.** IR emission from Al-SiO₂-Au and Al-Al₂O₃-Au thin film structures under DC bias 1-48169
- Delvalle, J.P. see Harris, D.E.** 1-22905
- Delves, B. see Richards, T.H.** 1-19570
- Delves, L.M. see Foreman, M.G.G.** 1-9164
- Delvo, P., Libbra, F., Rizzi, L.** Displacement measurement by holographic interferometry: an automatic readout system 1-234
- Delwiche, J., Hubin-Franskin, M.-J., Caprace, G., Natalis, P., Roy, D.** On the He(I) and Ne(I) photoelectron spectra of OCS 1-29039
- Dely, A. see Schroeder, J.M.** 1-31284
- Delyagin, N.N., Krylov, V.I., Nesterov, V.I.** Magnetic hyperfine interaction for ¹¹⁹Sn impurity atoms in ordered iron-palladium and iron-platinum alloys. Radial dependence of the partial contributions to the magnetic hyperfine field 1-7989
- Delyavskii, M.V., Mazurak, L.P., Berezhnitskii, L.T., Gromyak, R.S.** The stress distribution near sharp angled defects 1-33932
- Delyon, F. see Aizeman, M.** 1-23119
- Delzenere, R. see Bromberg, C.** 1-10266, 1-45364
- Demaision, J., Schwach, D., Tan, B.T., Rudolph, H.D.** Microwave spectrum of dimethylsulfide; determination of the methyl top moment of inertia 1-24125
- Demaision, J. see Boucher, D.** 1-13836, 1-51189
- Demaision, C., Khan, M.A., Parlebas, J.C.** Electronic structure of doped f semiconducting compounds 1-47562
- Demaision, C., Parlebas, J.C.** Simple electronic structure calculation of substitutional sp impurities in α -iron 1-16253
- Demaision, C. see Demangeat, J.-L.** 1-48945
- Demaision, C. see Khan, M.A.** 1-38746
- Demaision, J.-L., Demangeat, C., Chambron, J.** Conductimetric titration of free DNA regions in polylysine-DNA complexes and in chromatin following nucleic acid degradation 1-48945
- Demanias, F. see Abbondanno, U.** 1-641, 1-14490, 1-33220
- Demanias, F. see Nardelli, G.** 1-50551
- Demaray, R.E. see Aron, K.** 1-24132
- DeMarco, R.A. see Brant, P.** 1-53049
- Demarcq, J. see Laclaire, F.** 1-49510
- Demaret, J.** Canonical quantization of diagonal Bianchi V models filled with a perfect fluid 1-9750
- Demaret, J.** On large dimensionless numbers in cosmology 1-32777
- Demarque, P.** Ages and abundances of globular clusters and the oldest open clusters 1-36357
- Demarque, P., McClure, R.D.** Implications of the new globular-cluster metal-abundance scale for the helium abundance in the galactic halo 1-44634
- Demarque, P. see Smith, J.A.** 1-27494
- Demas, J.N. see Mandal, K.** 1-3454
- Demaizeau, G., Maestro, P., Plante, T., Pouchard, M., Hagenmuller, P.** The Cr_{1-x}Rh_xO₂ solid solution 1-7805
- Demaizeau, G., Maestro, P., Plante, T., Pouchard, M., Hagenmuller, P.** Generation of high oxygen pressure by the decomposition of oxidizing acids or NH₄ClO₄ under hydrothermal conditions: application to the preparation of CrO₂ 1-35203
- Demaizeau, G., Pouchard, M., Chevreau, N., Colombet, J.F., Thomas, M., Menil, F., Hagenmuller, P.** Stabilization of iron(IV) with a high spin electronic configuration in an elongated six-coordinated site 1-34665
- Demaizeau, G. see Matar, S.** 1-2965
- Demaizeau, G. see Parent, C.** 1-34323
- Dembecki, D., Barteck, A.** Spectroscopy and structure of some oxocompounds of molybdenum (VI) 1-37356
- Dembinski, S.T., Kossakowski, A.** On the possible existence of a sub-Poissonian radiation field in a resonant cavity 1-41651
- Dembinski, S.T., Kossakowski, A., Stefanski, K.** Hard-mode instability in a six-state model of a dye laser 1-15169
- Dembovskii, S.A. see Chernov, A.P.** 1-38286
- Dembovskii, S.A. see Zhukov, E.G.** 1-39667
- Demchak, P. see Fuchs, F.** 1-4402
- Demchenko, A.I., Sukhvalo, S.V., Kuzmichev, S.V., Romanov, I.M., Shifrin, A.B.** Influence of the magnetic field intensity and chemical composition on properties of Gd₂Co_{1-x} films 1-3223
- Demchenko, N.V. see Ajana's ev, Yu.V.** 1-15635
- Demchenko, V.N. see Grishaev, V.I.** 1-34115
- Demchenkov, V.P. see Deryugin, L.N.** 1-10937
- Demchina, L.A., Kovalyuk, Z.D., Mintyanski, I.V.** Fabrication of ohmic contacts to stratified single crystals of type III₁VI 1-52653
- Demchuk, I.S., Krakhmalev, V.I.** Inheritance by martensite of the deformation of the original structure of austenite 1-16840
- Demczyk, B.G., Bryant, W.A., Liu, C.T., Buzzelli, E.S.** Performance and structural characteristics of the iron-air battery system 1-53595
- Demenev, A.E. see Posnov, N.P.** 1-15382
- Demen'ev, A.I., Rambidi, N.G., Simkin, V.Ya., Topol, I.A., Stepanov, N.F., Zhilinski, B.** Molecular structure of the boron (III) oxide molecule in the SCF approximation 1-14812
- Demen'ev, A.I. see Abashkin, Yu.G.** 1-6150
- Demen'ev, A.N. see Parshikov, V.G.** 1-53143
- Demen'ev, D.A., Kutikov, A.A.** Electric and magnetic fields generated by focusing a millisecond-pulse laser on a target 1-29896
- Demen'ev, L.N. see Zubarev, P.V.** 1-16835
- Dement'ev, V.A.** Calculation of intensities in Raman spectra of polymers 1-51328
- Dement'ev, V.A., Mishenina, K.A., Shatokin, S.A.** Set of programs for the calculation of the vibrational spectra of molecules on ES computers 1-19075
- Demen'ev, Yu.S. see Buzynin, Yu.N.** 1-30114
- Demen'eva, Yu.S. see Pashinkin, A.S.** 1-16673
- Dementienko, V.V., Godik, E.E., Gulyaev, Tu.V., Sinis, V.P., Suris, R.A.** Coherent detection of radiation from an injection laser 1-1615
- Dementiev, R.K. see Batyunya, B.V.** 1-600
- Dementiev, R.K. see Boos, E.G.** 1-5661
- Dementii, S.V., Denyak, V.M., Fartushnyi, A.V., Ogurtsov, V.I.** Pair-coincidence matrix 1-1031
- Dementiev, E.A. see Aksinenko, V.D.** 1-18662
- Demerdash, N.A., Nehl, T.W., Fouad, F.A.** Finite element formulation and analysis of three dimensional magnetic field problems 1-10886
- Demerdash, N.A. see Nehl, T.W.** 1-12945
- Demers, S., Kunkel, W.E., Krautter, A.** The structure of the Sculptor system 1-36387
- Demetrescu, C.** Contributions to the study of the terrestrial heat flow in Transylvania, Rumania 1-17572
- Demetsopoulos, I.C. see Bowman, S.G.E.** 1-10588
- Demeyer, A. see Billerey, R.** 1-18675
- Demianiuk, M. see Michalski, E.** 1-38335
- Demianski, M., Francaviglia, M.** Type-D space-times with a Killing tensor 1-27832
- Demianski, M., Francaviglia, M.** Separability structures and Krilling-Yano tensors in vacuum type-D space-times without acceleration 1-40681
- Demianski, M. (editor)** Physics of the Expanding Universe. Proceedings of the Cracow School on Cosmology 1-49881
- Demichelis, F., Minetti-Mezzetti, E.** A solar thermophotovoltaic converter 1-4201
- Demichev, V.F. see Gennadiev, N.N.** 1-33013

- Demidenko, A.A.** Relaxation of two-level quantum subsystems within the eigenstate basis 1-31199
- Demidenko, A.F.** *see* Koshchenko, V.I. 1-11882
- Demidenko, V.S.** *see* Gaziev, R.A. 1-30622
- Demidov, A.M., Govor, L.I., Shukalov, I.B., Akhmed, M.R., al-Najar, S., al-Amili, M.A., Rammo, N., al-Assafi, N.** Mixtures of multipoles in gamma-ray transitions of $^{124,126,128,130}\text{Te}$ 1-45447
- Demidov, A.M.** *see* Avchukhov, V.D. 1-33235
- Demidov, B.A., Martynov, A.I.** Experimental investigation of shock waves excited by an intense relativistic electron beam in metals 1-52229
- Demidov, E.V.** *see* Romanov, Yu.A. 1-38787
- Demidov, K.B., Akimov, I.A.** Change of local electron levels of zinc oxide in an electrophotographic layer during adsorption of sensitizer and desensitizer molecules 1-23357
- Demidov, V.A.** *see* Chernyshev, V.K. 1-33027
- Demidov, V.I., Kolokotov, N.B.** Electron energy distribution functions in an afterglow plasma. V. Charged-particle diffusion and the distribution function 1-29943
- Demidov, V.I., Kolokotov, N.B.** The influence of the form of electron energy distribution function on the ion current profile characteristic at average pressures 1-42212
- Demidov, V.V.** *see* Atsarkin, V.A. 1-12422, 1-21000
- Demidova, L.G.** *see* Antonenko, A.B. 1-24344
- D'Emilio, E., Mintchev, M.** Perturbation theory in covariant gauges for two-dimensional quantum electrodynamics. Some new aspects of confinement 1-18405
- Demin, A.I.** *see* Brunne, M. 1-41657
- Demin, A.V.** *see* Virgiliev, Yu.S. 1-34373
- Demin, B.N.** *see* Klekovin, V.A. 1-27264
- Demin, D.V.** *see* Nikolskaya, I.F. 1-15903
- Demin, I.Yu.** *see* Gurbatov, S.N. 1-19492
- Demin, S.A., Ustinov, A.I., Chuistov, K.V.** Formation of a twinned structure in alloys based on γ -Mn during the body-centres cubic-body-centred tetragonal transformation 1-11855
- Demin, V.F., Zakharchenko, I.E.** Hyper-radial expansion in the quantum three- and four-body problems 1-44790
- Demin, Yu.L.** *see* Brekhovskikh, A.L. 1-4522
- Demina, L.A., Dolgikh, V.A., Stefanovich, S.Yu., Okonenko, S.A., Popovkin, B.A.** Preparation and certain properties of β - Sb_2O_4 single crystals 1-53063
- Demina, N.I., Volkov, A.K., Zastol'skaya, Z.K.** Effect of shape of stress concentrator on mechanical properties of sheet steel 25KhGSA in biaxial tension 1-39390
- Demina, N.I., Volkov, A.K., Zastol'skaya, Z.K.** Effect of structure on the structural strength characteristics of steel 24KhGSA 1-48429
- Demina, V.M.** *see* Galiev, Sh.U. 1-11326
- Deming, P.L.** Process chromatographs with integral microprocessors upgrade composition-based control 1-8628
- Demiray, H.** A continuum theory of chemically reacting mixtures of fluids and solids 1-31859
- Demiray, H.** *see* Vito, R.P. 1-22055
- Demircan, O.** Fourier techniques for an analysis of circling binary light curves. VII 1-13802
- Demircan, O.** Fourier techniques for an analysis of circling binary light curves. VIb 1-17866
- Demirchyan, R.A.** *see* Alanakyan, K.V. 1-41100
- Demirci, A.** *see* Halim *see* Demirci, A.
- Demirkhanov, R.A., Kirov, A.G., Ruchko, L.F., Sukachev, A.V.** Generation of stationary currents and controlling the transfer in a toroidal magnetic trap during Alfvén heating 1-42139
- Demirski, V.V.** *see* Startsev, V.I. 1-31489
- Demirskii, V.V.** *see* Braude, I.S. 1-53208
- Demirskii, V.V.** *see* Konnik, S.N. 1-12790, 1-43360
- Demkov, Yu.N.** Classical problem of conformal small angle scattering 1-40679
- Demkov, Yu.N.** Long-focal-length, all-wavelength telescopes with ultrahigh angular resolution 1-54378
- Demkov, Yu.N., Ostrovskii, V.N.** Analog of the Watson transformation for angular variables and scattering on the potential a/r^2 1-5163
- Demling, L., Fruehmoegen, P., Riemann, J.F., Roesch, W.** New methods in gastroenterology 1-49159
- Demokan, O.** Break-down of coronal equilibrium in lithium impurity transport 1-51923
- Demoli, N.** *see* Vukicevic, D. 1-15100
- Demoncey, P.** Industrial applications of electron energy loss spectroscopy (ELS) 1-31250
- Demond, F.** *see* Le Comber, P.G. 1-52156
- Demott, D.S.** Resistance rise in sodium-sulphur cells 1-21871
- Demoulin, E.** *see* Swaminathan, B. 1-20387
- Dempsey, D.A.** *see* Graves, G.A. 1-29355
- Dempsey, J.** *see* Johnston, A.M. 1-3432
- Dempsey, J.** *see* Pidgeon, C.R. 1-31160
- Dempsey, J.J.** *see* Angilello, J. 1-47406
- Dempsey, M.J., Taylor, D.** Distance least squares modelling of the cubic sodalite structure and of the thermal expansion of $\text{Na}_8(\text{Al}_6\text{Si}_6\text{O}_{24})\text{I}_2$ 1-42360
- Dempsey, M.J.** *see* Thornton, G. 1-33502
- Dempsey, R.H.** The effects of the TMI accident: reassessment of simulator training needs 1-23811
- Dems, K.** Multiparameter shape optimization of elastic bars in torsion 1-11308
- Demskeya, E.L.** *see* Galakhov, F.Ya. 1-52076
- Demtschuk, A.F., Poljudov, V.V., Titov, V.M., Shvetsov, G.A.** Test bench for operation with great explosive charges under laboratory conditions 1-35533
- Demura, G.V., Nikitin, A.A., Trofimova, T.A.** New prospects for spectral analysis in processing geophysical data 1-13611
- Demus, D., Marzotko, D., Sharma, N.K., Wiegeleben, A.** The polymorphism of some liquid crystalline 4'-n-alkoxy-3'-nitro-biphenylcarboxylic acids 1-20366
- Demus, D.** *see* Kresse, H. 1-21123
- Demus, D.** *see* Kuschel, F. 1-20056
- Demus, D.** *see* Weissflog, W. 1-20367
- Demuth, J.E., Christmann, K., Sanda, P.N.** The vibrations and structure of pyridine chemisorbed on Ag(111): the occurrence of a compressional phase transformation 1-29033
- Demuth, J.E.** *see* Sanda, P.N. 1-11978
- Demuth, J.E.** *see* Tsang, J.C. 1-16559
- Demuth, O.J.** Analysis of binary thermodynamic cycles for a moderately low-temperature geothermal resource 1-53554
- Demutskii, V.P., Polovin, R.V.** On the influence of radiative friction on induced radiation of nonlinear oscillator 1-51358
- Demutskii, V.P.** *see* Aleksin, V.F. 1-51344
- Demuyneck, J.** *see* Bachmann, C. 1-41304
- Dem'yanchuk, A.P.** *see* Shul'ga, S.Z. 1-47945
- Dem'yanenko, P.A., Pasyukov, V.V.** Savelev, G.A., Ul'yanov, V.I. Relationship between the electrical parameters of vanadium dioxide switching elements and their geometric dimensions 1-3029
- Dem'yanets, L.N.** *see* Duderov, N.G. 1-8207
- Dem'yanets, L.N.** *see* Merinov, B.V. 1-20165
- Dem'yanov, A.I.** *see* Ableev, V.G. 1-18507
- Dem'yanov, A.V., Kochetov, I.V., Lapshina, E.A., Napartovich, A.P., Pal', A.F., Perevozov, A.F., Persiantsev, I.G., Pevgov, V.G., Starostin, A.N.** Energy characteristics and stability of externally sustained discharges in mixtures of HCl with inert gases 1-42248
- Dem'yanov, A.V.** *see* Alizade, V.V. 1-45289
- Dem'yanov, V.A., Epshtein, A.M., Ketov, A.I.** Instrument for automatic detection of radionuclides emerging from a timed-droplet column 1-21802
- Den, N.** *see* Asano, S. 1-4474
- Den Ayvle, J.A.** *see* Van Den Ayvle, J.A.
- Den Baumen, J.** *see* Schulte in den Baumen, J.
- den Belt, T.G.M.** *see* van den Belt, T.G.M.
- den Berg, A.M.** *see* van den Berg, A.M.
- den Berg, B.** *see* van den Berg, B.
- den Berg, J.** *see* Van Den Berg, J.
- den Berg, M.** *see* van den Berg, M.
- den Berg, M.S.** *see* Van Den Berg, M.S.
- den Berg, P.J.** *see* van den Berg, P.J.
- den Berg, P.M.** *see* van den Berg, P.M.
- den Berg, T.** *see* van den Berg, T.
- den Berg, T.J.T.P.** *see* Van Den Berg, T.J.T.P.
- den Bergh, H.** *see* van den Bergh, H.
- den Bergh, N.** *see* Van den Bergh, N.
- den Bergh, S.** *see* van den Bergh, S.
- den Bergh, S.V.** *see* Van Den Bergh, S.
- den Bergh, C.S.** *see* Van Den Bergh, C.S.
- den Bergh, E.V.** *see* Van Den Bergh, E.V.
- den Biesen, J.J.H.** *see* van den Biesen, J.J.H.
- den Blanken, H.J.** *see* Platenkamp, R.J. 1-14867
- den Bleek, C.M.** *see* van den Bleek, C.M.
- den Boer, J.A., Sprengers, J.H.M.** Radiation protection and image quality in dental radiography 1-17483
- den Boom, H.** *see* Van Den Boom, H.
- den Bosch, P.P.J.** *see* van den Bosch, P.P.J.
- den Bosch, R.L.P.** *see* van den Bosch, R.L.P.
- den Bosch, R.L.P.** *see* Van Den Bosch, R.L.P.
- den Bossche, G.** *see* Van Den Bossche, G.
- den Brand, J.F.J.** *see* van den Brand, J.F.J.
- den Broek, P.M.** *see* van den Broek, P.M.
- den Broek, P.M.** *see* Van Den Broek, P.M.
- den Brugh, J.H.A.M.** *see* van den Brugh, J.H.A.M.
- den Cruyce, J.M.** *see* van den Cruyce, J.M.
- den Cruyce, J.M.** *see* Van Den Cruyce, J.M.
- den Dool, H.M.** *see* van den Dool, H.M.
- den Dries, L.** *see* Van den Dries, L.
- den Dungen, J.P.M.** *see* van den Dungen, J.P.M.
- den Eijnden, W.M.M.M.** *see* van den Eijnden, W.M.M.M.
- den Ende, D.** *see* van den Ende, D.
- den Hark, Th.E.M.** *see* Van den Hark, Th.E.M.
- den Hartog, H.W.** *see* Bijvank, E.J. 1-20676, 1-20677
- den Heuvel, E.P.J.** *see* van den Heuvel, E.P.J.
- den Heuvel, F.C.** *see* van den Heuvel, F.C.
- den Heuvel, W.M.C.** *see* Van Den Heuvel, W.M.C.
- den Hoek, W.J.** *see* van den Hoek, W.J.
- den Hoek, W.J.** *see* Van Den Hoek, W.J.
- den Hoogenhof, W.W.** *see* Van Den Hoogenhof, W.W.
- den Horst, J.F.** *see* van den Horst, J.F.
- den Hout, K.D.** *see* Van den Hout, K.D.
- den Meijdenberg, C.J.N.** *see* van den Meijdenberg, C.J.N.
- den Ouden, C.** *see* van Galen, E. 1-17304
- den Ouden, L.W.J., Capel, H.W., Perk, J.H.H.** Critical-exponent renormalization, first-order transitions and demagnetizing effects for Schofield's linear model 1-52257
- den Ouden, L.W.J.** *see* Knops, H.J.F. 1-14073
- den Tonkelaar, J.F.** *see* Van Dop, H. 1-17328
- Denanot, M.F.** *see* Grosbras, M. 1-21547
- Denanot, M.F., Vergnol, J., Villain, J.-P.** In situ electron microscopy of deforming α -Cu-Al single crystals 1-31571
- Denardo, G., Spallucci, E.** Gauge fields in $S^1 \times R^3$ 1-5478
- Denardo, G., Spallucci, E.** Vacuum energy in $R^1 \times S^3$ 1-14226
- Denardo, G., Spallucci, E.** Finite-temperature effects in conformally flat space-times 1-36797
- Denavit, I., Krueer, W.L.** How to get started in particle simulation 1-6926
- Denavit, J.** *see* Crystal, T.L. 1-11547
- Dendene, G.** Oscillators and complex Hamiltonian calculus 1-5157
- Denef, B.** *see* Denys, B.G. 1-8893
- Denejri, D., Cochet, C., Jabioli, M.A., Lewin, C., Mosca, L., Faccini-Turler, B.L., Vilanova, D., Becker, L., Gensch, U., Marth, M., de Wolf, E.A., Gysen, M., van Immerseel, M., Poirer, C., Windmolders, R., Ajienko, I.V., Arestov, Yu., Borivikov, A.A., Chlapiuk, P.V., Knaizev, V.V., Kozlovsky, E.A., Ukhonov, M.N., Vlasov, E.V., Dibon, H., Markytan, M.** Inclusive hadronic fragmentation in K^+p interactions at 32 GeV/c and counting rules 1-28356
- Denejri, D.** *see* Arestov, Yu. 1-5668
- Denejri, D.** *see* Arestov, Yu. 1-36892
- Denejri, D.** *see* Gensch, U. 1-595
- Denejri, D.** *see* Saudraix, J. 1-5666
- Denenstein, A.** *see* Moses, D. 1-7353
- Denes, G.** *see* Pannetier, J. 1-15868
- denes, L.J.** *see* Mitchell, R.R. 1-38114
- deNeufville, J.P.** *see* Liang, K.S. 1-30061
- Deneuve, F., Roncato, J.P.** Thermochemical or hybrid cycles of hydrogen production - technico-economical comparison with water electrolysis 1-32052
- Deneuille, A.** *see* Gerard, P. 1-8043
- Deneuille, A.** *see* Hamdi, H. 1-3012
- Deneuille, A.** *see* Muret, P. 1-52654
- Deng Bo, Zhou Xiao-hui** Determination of microelements cobalt, copper, iron, lead and zinc in nickel electrolytic solutions by flame-atomic absorption photometry 1-48767
- Deng Chonghao** Quantum theory of chemical reaction rate 1-21695
- Deng Dao-qun** *see* Xu Zu-yuan 1-46361
- Deng L. Qi-Dong, Zhang Yu-Ming, Huan Wen-Lin, Zhang Hong-Sheng, Xu Gui-Lin, Liu Yi-Ming, Deng Rui-Sheng, Li Qun, Fan Futian, Yang Tian-Xi** Principles and methods of composing the seismic zoning map of China 1-4433
- Deng Rui-Sheng** *see* Deng L. Qi-Dong 1-4433
- Deng Shunxing** *see* Li Cunti 1-32350
- Deng Yi-Qian** *see* Wang Bang-Hua 1-53968
- Deng-Ying-Lian** *see* Shao-Yen Ko 1-19690
- Denga, E.** *see* Chomka, W. 1-26529
- Dengel, D., Harih, H.** Estimation of the fatigue limit by progressively-increasing load tests 1-48466
- Dengel, J., Weinberger, R.** Comet on Palomar Sky Survey 1-13736
- Dengel, O.H.** *see* Benson, R.C. 1-19146
- Dengupta, D., Panigrahi, R.N.** Study of chemically grown SiO_2 thin films on silicon substrates 1-48254
- Denham, C.R., Blakemore, R.P., Frankel, R.B.** Bulk magnetic properties and magnetotactic bacteria 1-8888
- Denham, D.** The 1961 Robertson earthquake - more evidence for compressive stress in southeast Australia 1-17563
- Denham, D., Alexander, L.G., Worotnicki, G.** The stress field near the sites of the Meckering (1968) and Calingiri (1970) earthquakes, Western Australia 1-13411
- Denier van der Gon, J.J.** *see* Elshuraydeh, K. 1-53945
- Deninno, M.** *see* Bollini, D. 1-6077
- Deninno, M.M., Focardi, S., Gobbi, E., Massa, C., Vandelli-Massa, T.** Pair production and multiple Coulomb-scattering influence on the electromagnetic-shower spread 1-50440
- Denis, A., Desesquelles, J.** Observation of optical emission from beam-foil excited Li^+ 1-37317
- Denis, A., Garcia, E.A.** Diffusion in a semi-infinite system with a moving interphase considering solvent density change: application to the oxidation of zirconium 1-35423
- Denis, A.** *see* Buchet, J.P. 1-14839
- Denis, A.-M.** Kerr effect and molecular polarisabilities of dichlorodifluoromethane 1-19211

- Denisenko, M. *see* Arsenault, H.H. 1-36749
Denisenko, A.P. *see* Rogov, V.V. 1-15293
Denisenko, E.T., Fedorchenko, I.M., Polushko, A.P., Besteric, M., Stefan, B., Slesar, M. Mechanical properties of dispersion-strengthened Cu-Al₂O₃ materials 1-39384
Denisenko, P.F., Sotskiy, V.V. Possibility of establishing the existence of a valley from ionograms 1-4681
Denisenko, P.F. *see* Vodolazkin, V.I. 1-22586
Denisenko, V.V., Kurbatov, L.N., Shakhidzhanov, S.S. Photosensitized spectra of silicon MDS (p-n-p...) structures 1-42825
Deniskina, V.P. *see* Vyakhorev, V.G. 1-36649
Denison, A.B. *see* Egan, P.O. 1-51324
Denison, D.R., Hartsough, L.D. Copper distribution in sputtered Al/Cu films 1-30582
Denison, R. *see* Schoelzky, R. 1-53150
Denisov, A.G. *see* Ammosov, V.V. 1-40980
Denisov, A.G. *see* Efremenko, V.I. 1-33173
Denisov, A.N. *see* Cherepanina, L.I. 1-12697
Denisov, A.S. *see* Burq, J.P. 1-23912
Denisov, F.P. *see* Vorob'ev, S.A. 1-30286
Denisov, G.S., Rumynskaya, I.G., Shraiber, V.M. IR spectra and structure of certain amino acids in solutions and in the gas phase. Dibutylglycine and glycine 1-1232
Denisov, L.K. *see* Alekseev, V.A. 1-1558
Denisov, L.K. *see* Rubenko, L.A. 1-46333
Denisov, S.G., Pokrovskiy, O.M. Information content analysis of a system for remote sensing of the geopotential field 1-9276
Denisov, S.P. *see* Antipov, Yu.M. 1-5663, 1-45376
Denisov, V.G. *see* Gerasimov, V.V. 1-28598
Denisov, V.I., Logunov, A.A., Mestvirishili, M.A. Gravitational field theory and new notions about space and time 1-36557
Denisov, V.N., Mavrin, B.N., Podobedov, V.B., Sterin, K.E. Two-photon hyper-Raman scattering and polariton spectra in rutile crystal 1-8065
Denisov, V.N., Mavrin, B.N., Podobedov, V.B., Sterin, K.E. Hyper-Raman polariton scattering in melted quartz 1-8070
Denisov, V.N. *see* Varshal, B.G. 1-52950
Denisov, V.V. *see* Titarenko, A.G. 1-53138
Denite, Yu. *see* Aver'yanov, E.M. 1-2323
Denk, W. *see* von Egidy, T. 1-46175
Denker, B.I., Izynchev, A.A., Kuratov, I.I., Tsvetkov, Yu.V., Shestakov, A.V. Lasing in phosphate glasses with high neodymium ion concentrations under pumping with light-emitting diodes 1-51492
Denker, B.I., Kornienko, L.S., Maksimova, G.V., Osiko, V.V., Rybalovskii, A.O., Tikhomirov, V.A. Radiation paramagnetic centers in phosphate glasses containing Li₂O, La₂O₃, and Tr₂O₃ 1-43010
Denker, B.I. *see* Avanesov, A.G. 1-6579
Denker, J. *see* Yurke, B. 1-6190
Denkinger, M. *see* Sachs, H.M. 1-22293
Denks, V.P., Dudel'zak, A.E., Mel'nikov, O.K., Triodina, N.S., Abramov, M.N. Natural electron excitations in sodalite crystals 1-31195
Denmat, G.L. *see* Le Denmat, G.
Denne, B., Dickow, H., Poulsen, O. Fine structures of the nd²d and nf²f sequences in singly ionized beryllium 1-24276
Denne, B., Poulsen, O. Radiative lifetimes of the 4p²P_{1/2} and 2P_{3/2} levels in the Mo XIV 1-51167
Denne, B. *see* Andersen, B. 1-46095
Denne, B. *see* Engstrom, L. 1-37159
Dennefeld, M. The spectrum of the supernova remnant MSH 15-56 (G326.3-1.8) 1-27596
Dennefeld, M. *see* Danks, A.C. 1-54421
Dennefeld, M. *see* D'Odorico, S. 1-27584
Denner, H.D., Klipping, G., Klipping, I., Lüdgers, K., Menzel, J., Ruppert, U. Mechanism of an active phase separator for space applications 1-44938
Denner, H.-D. *see* Schotte, U. 1-52379
Denner, W. *see* d'Amour, H. 1-28006
Dennett, R. *see* Routhier, F. 1-40164
Denni, U. *see* Battistoni, G. 1-14757
Denning, R.G. *see* Ironside, C.N. 1-50112
Denning, S.M. *see* Smith, P. 1-14820
Dennis, C.M., Jr. Newton's law of cooling or is ten minutes enough time for a coffee break? 1-17978
Dennis, L.C. *see* Cordell, K.R. 1-50596
Dennis, L.C. *see* Parks, R.L. 1-10400
Dennis, R.B. Infra-red lasers and their use in atmospheric pollution monitoring 1-8787
Dennis, R.B., MacKenzie, H.A., Crowder, J.G., Sioudi, M., Voge, D. Time resolved double-resonance spectroscopy and fluorescence studies of C₂H₂ 1-29028
Dennis, R.B., MacKenzie, H.A., Smith, S.D., Wherrett, B.S., Voge, D. Intensity induced interband Faraday rotation in InSb. A new nonlinear magneto-optical effect 1-52919
Dennis, S.C.R., Singh, S.N., Ingham, D.B. The steady flow due to a rotating sphere at low and moderate Reynolds numbers 1-29702
Dennis, W.E., McGee, J.B. Silicone resins for protection of first surface reflectors 1-13100
Dennison, B. Formation of radio halos in clusters of galaxies from cosmic-ray protons 1-4984
Dennison, E.E. *see* Ying, S.P. 1-37745
Dennison, R.T. *see* Webster, W.J., Jr. 1-54250
Dennison, S. *see* Chamberlain, G.A. 1-35654
Denny, M. Locomotion: The cost of gastropod crawling 1-4318
Denoth, F. *see* Bedini, L. 1-22104
Denovan, A.S. *see* Hammerli, M. 1-43670
Densley, R.J. *see* Garton, A. 1-21654
Denson, C.D., Hylton, D.C. A rheometer for measuring the viscoelastic response of polymer melts in arbitrary planar and biaxial extensional flow fields 1-41998
Denson, R. *see* Treadaway, M.J. 1-34138
Dentman, H. State-of-the-art optics. Automated image focusing 1-10034
Dentman, H. An echo for photo hunters 1-23333
Dentman, H. Methods of automatic focusing 1-33067
Dent, K.H. The standing of gas-cooled reactors 1-10515
Dent, R.W. A sorption theory for gas mixtures 1-52423
Dent, W.A. *see* Balonek, T.J. 1-13871
Dentai, A.G. *see* Campbell, J.C. 1-45015
Dentai, A.G. *see* Tien-Pei Lee 1-45009
Denti, P. *see* Borghese, F. 1-27798
Denton, B. *see* Koontz, S.L. 1-36764
Denton, B. *see* Smith, B.A. 1-8220
Denton, H.R. NRC action plans 1-14662
Denton, M.B. *see* Algoe, J.D. 1-40859
Denton, M.B. *see* Reinsfelder, R.E. 1-36765
Denuit, B. *see* Carencio, A. 1-11185
Denus, S., Kowalski, S., Kozarkiewicz, W., Skrzeczanowski, W., Socha, R. Study of laser plasma by a focusing X-ray spectrograph 1-34118
Denus, S. *see* Kaliski, S. 1-34095
Denyak, V.M. *see* Dementiy, S.V. 1-1031
Denys, B.G., Aubert, A.E., Denef, B., Van der Werf, F., Degest, H., Kesteloot, H. Relationship between wall stress and the apexcardiogram 1-8893
Deo Pandey Bishun *see* Bishun Deo Pandey
DeOlivares, J.M. *see* Green, M.A. 1-49517
Deonarine, S. *see* Joshua, S.J. 1-2379
Deonath, Rohatgi, P.K. Fluidity of mica particle dispersed aluminium alloy 1-20295
DePalma, V.A. Apparatus for zeta potential measurement of rectangular flow cells 1-17535
DePaolo, D.J. Crustal growth and mantle evolution: inferences from models of element transport and Nd and Sr isotopes 1-22280
DePaolo, D.J. Sources of continental crust: neodymium isotope evidence from the Sierra Nevada and Peninsular Ranges 1-27127
DePasquali, G. *see* Lenahan, P.M. 1-3595
DePaula, R.P. *see* Boulos, E.N. 1-25171
Depina, R.A. *see* Banuelos, A. 1-17987, 1-50041
Depina, R.A. *see* Simon, J.M. 1-19418
Depmeier, W., Schmid, H., Haenssler, F. PdB₂O₄, the first palladium borate 1-25219
Depp, R. *see* McKinney, R.D. 1-13343
Depp, R.E., McNicholl, B.P. DoD standardization program for fiber optics 1-51633
Depret, J. *see* Decoster, D. 1-358
Deprez, G. *see* Bassery, L. 1-24561
DePristo, A.E. A test of the adiabaticity and kinetic energy shift factors in the energy corrected sudden scaling theory 1-1205
DePristo, A.E. Collisional influences on vibration-rotation spectral line shapes: a scaling theoretical analysis and simplification 1-1279
DePristo, A.E. On the systematics of vibrational relaxation in polyatomic molecules 1-24208
DePristo, A.E. An investigation of the line and band variation of spectral line shifts 1-37158
DePristo, A.E., Rabitz, H., Miles, R.B. The selective preparation of excited vibrational states using the stimulated resonance Raman effect 1-37547
Depristo, A.E. *see* Ramaswamy, R. 1-29083
DePristo, A.E. *see* Zughul, M. 1-1285
Deprun, C. *see* Le Beyec, Y. 1-27042
Deptula, B., Domalanus, B., Golas, W. Automation of interferograms' processing and analysis 1-50199
Der, R., Haberlandt, R., Merkel, A. On the influence of spatial correlations on the rate of chemical reactions in dense systems. II. Numerical results 1-31826
Der, R., Merkel, A., Czerwon, H.-J. On the influence of spatial correlations on the rate of chemical reactions in dense gases. I. Quantum statistical theory 1-31825
Der, Z.A., McElfresh, T.W. Time-domain methods, the values of t_p^* and t_s^* in the short-period band and regional variations of the same across the United States 1-22504
Der, Z.A. *see* Gupta, I.N. 1-22234
Der Auwera, L. *see* Van der Auwera, L.
Der Auwera, M. *see* Van der Auwera, M.
Der Avoird, A. *see* Van der Avoird, A.
Der Bilt, A. *see* Van der Bilt, A.
Der Borch,

- Derbenev, Ya.S., Kondratenko, A.M., Serebyakov, S.I., Skrinisky, A.N., Tumaikin, G.M., Shatunov, Yu.M. Accurate calibration of the beam energy in a storage ring based on measurement of spin precession frequency of polarized particles 1-14712
- Derblom, H. see Shepherd, G.G. 1-9313
- Derebchinskii, A.I. see Bratashvskii, A.S. 1-5633
- DeReggi, A.S., Roth, S.C., Kenney, J.M., Edelman, S., Harris, G.R. Piezoelectric polymer probe for ultrasonic applications 1-51683
- Derrell, T., Tucker, R.W. A class of exact supergravity solutions 1-18121
- Derrell, T. see Benn, I.M. 1-149, 1-14059
- Derem, A. Theory of acoustic wave scattering by immersed cylindrical bodies: general aspects 1-24557
- Derem, A. Acoustic diffusion by a cylindrical shell and definition of the nonresonant background 1-46610
- Derenchuk, V.P. see Kozier, K.S. 1-1397
- Derendinger, J.P. see Klinkhamer, F.R. 1-54360
- Derentowicz, H., Fruczek, M., Kaliski, S., Wrobel, J., Ziolkowski, Z. Production of super-high loads of matter in conical explosion systems 1-37968
- Derenzo, S.E. Method for optimizing side shielding in positron-emission tomographs and for comparing detector materials 1-32232
- Derep, J.L., Ibrahim, S., Rouby, D., Fantozzi, G., Gobin, P. Plastic behaviour of Zircaloy-4 in the temperature range 77-1000K 1-31567
- Dereu, N. see Lumbroso, H. 1-10866
- Derevyagina, G.F. see Derevyagina, A.A. 1-12691
- Derevyagina, A.A., Gaidash, B.I., Derevyagin, G.F. Accelerating the milling of nonplastics by the wet method 1-12691
- Derezotes, P.N. see Umenhofer, T.A. 1-4233
- Derflinger, G., Keller, H. Concerning the theory of chirality functions. VII. The concept of qualitative supercompleteness 1-37358
- Dergach, V.V. see Kazadzhn, L.B. 1-8323
- Dergachev, V.A., Ostrovskiy, V.M. Model of ^{14}C transport that includes diffusion in the stratosphere 1-36019
- Dergachev, V.A. see Vasil'ev, V.A. 1-36188
- Dergobuzov, K.A. see Bugaev, S.P. 1-1000
- Dergunova, V.S. see Krivoshein, D.A. 1-39297
- Derie, R. see Duvincaud, P.H. 1-20414
- Derikum, K. see Berger, C. 1-5636, 1-10209
- Derikum, K. see Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Derini, Z. El see El Derini, Z.
- Deripaskov, V.T. see Pantelev, L.D. 1-2519
- Deriu, A., Lioci, F., Rinaldi, S., Besagni, T. Y-type hexagonal ferrites containing zinc, copper and cadmium: magnetic properties and cation distribution 1-47908
- Derjaguin, B.V., Karasev, V.V., Khromova, E.N. Thermal expansion of ordinary and heavy water in the pores of titanium dioxide 1-25468
- Derjaguin, B.V., Kluev, V.A., Anisimova, V.I., Toporov, Yu.P., Krotova, N.A. On the mechanism of the emission of high-energy electrons from the surfaces of freshly peeled films: polytetrafluoroethylene 1-16670
- Derjaguin, B.V., Prokhorov, A.V., Tunitskii, N.N. Statistical thermodynamics of the formation of a new phase in the boiling up of volatile liquids 1-36597
- Derkach, A.Yu. see Get'man, V.A. 1-10230
- Derkachenko, V.N., Zvezdin, A.K., Krynetskii, I.B., Kholmiseva, A.M., Mukhin, A.A., Khokhlov, V.A. Magnetic-field-induced spin-reorientation phase transitions in terbium orthoferrite 1-25941
- Derkatschewlew, E.N. see Surgutshov, G.D. 1-39264
- Derkits, G.E., Jr. see Chaudhuri, S. 1-14327
- Derkosch, J. see Steidl, H. 1-21741
- Derman, E. Composite quarks and leptons and the Higgs boson mass 1-5490
- Dermanis, A., Graffarend, E. Estimability analysis of geodetic, astronomic and geodynamical quantities in very long baseline interferometry 1-32533
- Dermarkar, S., Strudel, J.L. High temperature deformation modes in nickel base superalloys 1-21548
- Dermais, O.C., Schmidt, P.W. A 20K cryopump with a high conductance baffle design [for cyclotron] 1-40808
- Dermott, S.F., Murray, C.D. Origin of the eccentricity gradient and the apse alignment of the epsilon ring of Uranus 1-44491
- Dern Kelen, G.P. Van see Van Dern Kelen, G.P.
- De Rosa, A., Inglima, G., Russo, V., Sandoli, M. Cross-correlation effects in pre-equilibrium fluctuation analysis 1-14511
- De Rosa, A. see Cuzzocrea, P. 1-18624
- De Rosa, F. see Thomas, G.A. 1-48127
- Derouault, J. see Dalbart, M. 1-28970
- Derout, J. see Caro, P. 1-25869
- Derr, V.E. Attenuation of solar energy by high, thin cloud 1-4611
- Derre, J. see De Brion, J.P. 1-37066
- Derrick, A. European solar collector testing activities and test methods 1-17247
- Derrick, G.H. see Bassett, I.M. 1-10912, 1-41942
- Derrick, M., Fernandez, E., Hyman, L., Levman, G., Koetke, D., Musgrave, V., Schreiner, P., Singer, R., Snyder, A., Toaff, S., Barish, S.J., Engler, A., Kraemer, R.W., Stacey, B.J., Ammar, R., Coppage, D., Day, D., Davis, R., Kwak, N., Stump, R., Barnes, V.E., Carmony, D.D., Garfinkel, A.F., Radecky, G.M. Study of single-pion production by weak neutral currents in low-energy νd interactions 1-45261
- Derrick, M. see Cho, Y. 1-33184
- Derrick, P.J. see Neumann, G.M. 1-8643
- Derrick, R.H. see Howells, S. 1-41722
- Derrida, B. Phenomenological renormalisation of the self avoiding walk in two dimensions 1-27886
- Derrida, B. The random energy model 1-30963
- Derrida, B., Pomeau, Y., Feigenbaum's ratios of two-dimensional area preserving maps 1-32832
- Derrida, B., Toulouse, G. Fully frustrated lattices and spin glasses, on the frontier between usual phase transitions and glassy transitions 1-9936
- Derrida, B., Vannimenus, J. Transfer-matrix approach to percolation and phenomenological renormalization 1-189
- Derrida, B. see Blote, H.W.J. 1-36571
- Derrien, J. see Cros, A. 1-30575, 1-48548
- Derrien, J. see Gaspard, J.P. 1-7699
- Derry, A.D. see Naipally, A. 1-32100
- Derry, D.J., Lees, D.G., Calvert, J.M. A study of oxygen self-diffusion in the C-direction of rutile using a nuclear technique 1-38584
- Deruyterre, A. see Gypen, L.A. 1-21471
- Deruytter, A. see D'Hondt, P. 1-5808
- Deruytter, A.J. see D'Hondt, P. 1-724
- Dervin, P., Pernot, M., Penelle, R. Calculation of the CODF and development of different orders. Choice of order for sharpness function of texture in the case of aluminium sheets 1-35271
- Derwent, R.G., Hov, O. Computer modeling studies of the impact of vehicle exhaust emission controls on photochemical air pollution formation in the United Kingdom 1-53731
- Deryabin, A.N. see Buevich, Yu.A. 1-51866
- Deryagin, A.A., Baranov, N.V. Magnetic hysteresis and galvanomagnetic effect in a metamagnetic phase transition in DyCo 1-52781
- Deryagin, A.V. see Baranov, N.V. 1-20982
- Deryagin, A.V. see Zentko, A. 1-47903
- Deryagin, B.V., Dukhin, S.S., Ul'berg, Z.R., Kuznetsova, T.V. Microscopic method for investigating diffusiohorephoresis 1-53481
- Deryagin, B.V. see Bakonov, S.P. 1-2134
- Deryagin, B.V. see Fedoseev, D.V. 1-7102, 1-43662
- Deryagin, B.V. see Golovanov, M.V. 1-8827
- Derylo, A. see Garbacz, J.K. 1-38667
- Deryugin, I.A., Pogibelskii, A.P., Talalaev, M.A., Teterin, G.E. Problem of constructing wide-band acoustooptic deflectors 1-6643
- Deryugin, I.A., Pogibelskii, A.P., Ustinov, N.D., Fedulov, I.A. Spatial coherence of radiation emitted by a laser having a resonator filled with a randomly inhomogeneous medium 1-1599
- Deryugin, L.N., Anikin, V.I., Gudzenko, A.I., Dneprovskii, V.G., Terichev, V.F. Mid-IR acoustooptic interaction in planar waveguides 1-35012
- Deryugin, L.N., Chekan, A.V., Demchenkov, V.P. Direct transmission of images over a single fiber with the help of spectral devices 1-10937
- Deryugin, L.N., Kolbin, I.I., Ovcharenko, O.I., Cheremiskin, I.V., Chekhlova, T.K. Study of a thin-film laser logic element based on rhodamine 6G 1-6574
- Deryugin, L.N. see Bessonov, A.F. 1-46218
- Deryugin, L.N. see Bukeev, O.N. 1-33801
- Deryugin, L.N. see Gudzenko, A.I. 1-2793
- Deryugina, N.I. see Grekhov, A.M. 1-26051
- Derzhanski, A., Petrov, A.G., Pavloff, Y.V. Curvature induced conductive and displacement currents through lipid bilayers 1-48968
- Derzhanski, A., Zhelezakova, A. Distribution of hydrophobic molecules and solubilization in some micellar solution 1-16047
- Derzhavin, S.I. see Apollonov, V.V. 1-33658
- Derzhavin, S.N. Influence of measurement conditions on the accuracy of the hardness determination of optical materials 1-1660
- Derzhavin, S.N. Relationship between glass hardness and atomic concentration 1-1663
- Derzhavin, S.N. see Milyukov, E.M. 1-43508
- Derzhiev, V.I., Marchenko, V.S., Yakovenko, S.I. Steady-state expansion of a plasma in vacuum 1-42135
- Derzhiev, V.I. see Ramendik, G.I. 1-52007
- des Forets, G. Pineau see Pineau des Forets, G.
- Desa, E. see Peshwe, V.B. 1-54270
- Desa, J.A.E. see Galeacer, F.L. 1-31139
- Desa, J.A.E. see Sinclair, R.N. 1-30069
- Desai, B.B., Bhatnagar, G.P., Singh, S., Kasana, R.S. Combined effects of the asymmetric surface errors and the parabolic disturbance on the performance of a Michelson interferometer 1-5367
- Desai, B.I. see Datta, P.S. 1-13497
- Desai, B.N. see Zingde, M.D. 1-53716
- Desai, B.R. see Beavis, D. 1-14436
- Desai, C.C. Effect of neutron irradiation on stratigraphy in calcium fluoride single crystals 1-20722
- Desai, C.C. Some micro-disk patterns on calcite 1-20522
- Desai, C.C. Evidence of slip in calcium fluoride single crystals 1-25281
- Desai, C.C., Rai, J.L. Growth of SnI_2 and SnI_4 single crystals in silica gels 1-3591
- Desai, C.C., Rai, J.L. Growth and morphology of tin iodide whiskers 1-53071
- Desai, C.C., Rai, J.L. Growth of single crystals of NaCl in gels 1-53074
- Desai, C.S., Phan, H.V. Three-dimensional finite element analysis including material and geometric nonlinearities 1-24692
- Desai, R.J. see Pathak, P.D. 1-38564
- Desai, T. see Pant, H.C. 1-2212
- Desai, V.P. see Kanellakopoulos, B. 1-35068
- Desai, V.P. see Konig, E. 1-30920
- Desaintfussien, M. see Jardino, M. 1-44872
- Desaintfussien, M. see Petit, P. 1-50094
- Desalvo, A. see Bentini, G.G. 1-35125
- Desando, M.A., Walker, S. Eyring activation parameters for the relaxation processes of some asymmetric diaryl molecules in a polystyrene matrix 1-7058
- Desando, M.A., Walker, S., Baarschers, W.H. Relaxation processes of some aromatic sulfides, sulfoxides, and sulfones in a polystyrene matrix 1-7057
- Desantolo, A.M. see Doetschman, D.C. 1-6289
- Desarmot, G., Quere, Y. Observation of the precipitation nucleation of Guinier-Preston zones for dechanneling of α particles 1-3740
- Desauniers, A. see Segar, D.A. 1-21800
- Desauniers, J.A.H. see Sturgeon, R.E. 1-21797
- Desbordes, M. Recent research on urban catchments 1-49295
- Desbordes, M. Use of models for urban runoff studies: the RERAM program 1-49306
- Desch, M.D. to control of Jovian radio emission 1-9413
- Desch, M.D., Kaiser, M.L. The occurrence rate, polarization character, and intensity of broadband Jovian kilometeric radiation 1-4817
- Desch, M.D. see Kaiser, M.L. 1-40414
- Deschacht, D. see Boyer, A. 1-47770
- Deschamps, A., Lyon-Caen, H., Madariaga, H. Improvement of methods to calculate long period synthetic seismograms 1-44111
- Deschamps, A., Lyon-Caen, H., Madariaga, R. Study of the earthquake near Tattal (Chile 1966) using long period seismic waves 1-44112
- Deschamps, J. see Gervais, A. 1-16099
- Deschamps, P.Y. see Phulpin, T. 1-27319
- Deschamps, Y. see Kalifa, J. 1-625
- Deschanvres, A. see Guillo, M. 1-15845
- Deschanvres, A. see Rebhah, A. 1-15877
- Deschanvres, P.J., Fertit, B., Malaise, E.P., Lachet, B. Radiosensitivity and repair of radiation damage in human HF19 fibroblasts 1-8918
- Desclaux, J.P., Laaksonen, L., Pyykko, P. Finite-difference Dirac-Fock calculations of electric dipole polarisabilities for (ns) and (ns) 2 atoms 1-41311
- Desclaux, J.P., Pyykko, P. Comment on some relativistic calculations 1-28885
- Desclaux, J.P. see Cheng, K.T. 1-37157
- Desclaux, J.P. see Freeman, A.J. 1-39018
- Desenzani, P. De Marchi see De Marchi Desenzani, P.
- Deser, S. From gravity to supergravity 1-18126
- Deser, S. What does supergravity teach us about gravity? 1-23094
- Deser, S. Supergravity and beyond 1-44821
- Deser, S., Isham, C.J. Static solutions of Yang-Mills-Higgs-Kibble systems 1-28169
- Deser, S., Nicolai, H. Non-abelian zich 1-33107
- Deser, S., Townsend, P.K. Solving the constraints in off-shell linearized $N=8$ supergravity 1-27843
- Deser, S., Witten, E. Dynamical properties of anti-symmetric tensor fields 1-50311
- Deser, S. see Aragon, C. 1-5201
- DeSeri, R. see Berry, H.G. 1-1398
- Deserio, R. see Schechtman, R.M. 1-1139
- Desesquelles, J. see Buchet, J.P. 1-14839
- Desesquelles, J. see Denis, A. 1-37317
- Desgardin, G. see Hervieu, M. 1-38353
- Deshayes, J.-P. Optical instruments for space applications 1-27382
- Deshkovskaya, A.A. Effect of some factors on the value of the Poole coefficient in glasses 1-16084
- Deshmukh, B.T. see Kamavisdar, V.S. 1-31207
- Deshmukh Prabodhachandra see Prabodhachandra Deshmukh
- Deshmukh Pranawa see Pranawa Deshmukh
- Deshpande, L.V., Joshi, M.B., Mishra, R.B. Further refinements of the Duc de Chaulnes method to determine the principal refractive indices of small doubly refracting crystals 1-328
- Deshpande, L.V., Joshi, M.B., Mishra, R.B. Angle of polarization and refractive indices of BaTiO_3 1-3348

- Deshpande, L.V., Joshi, M.B., Mishra, R.B. Principal refractive indices of KNO_3 1-39056
- Deshpande, M.R., Rastogi, R.G., Sengupta, A., Nagpal, O.P., Setty, C.S.G.K., Jain, A.R., Rai, R.K., Janve, A.V., Patwari, V.M., Subbarao, B.S. Study of medium-scale travelling ionospheric disturbances using multistation ATS-6 Faraday rotation data 1-54309
- Deshpande, M.R. see Sethia, G. 1-44386
- Deshpande, M.R. see Vats, H.O. 1-44385
- Deshpande, P.D., Kulkarni, D.K., Deshpande, V.V. Crystal data on MgNbCuO_4 1-25208
- Deshpande, V.V. see Deshpande, P.D. 1-25208
- Deshui Zheng see Zheng Deshui
- Desi, S. Improving the performance of a fast neutron spectrometer based on pulse shape discrimination 1-37054
- DeSimone, D. see Wood, C.E.C. 1-34592
- Desjardins, D. see Pauthe, J.J. 1-26672
- Desjarlais, A.O. see Skrabek, E.A. 1-2724
- Desjonqueres, M.C. see Treglia, G. 1-20843
- Deslandes, J. see Jandl, S. 1-52928
- Deslattes, R.D. Primary monochromators using crystal diffraction 1-24481
- Deslattes, R.D., Henins, A., Kessler, E.G., Jr. Accuracy in X-ray wavelengths 1-29981
- Deslattes, R.D., Kessler, E.G., Sauder, W.C., Henins, A. Remeasurement of γ -ray reference lines 1-36920
- Desmaison, J. see Lefort, P. 1-39523
- Desmaret, J.P. see Jadin, V. 1-18189
- Desmarteau, D.D. see Durig, J.R. 1-10723
- Desmet, A.A. see Cook, L.T. 1-9016
- Desmons, J. see Delaloye, M. 1-22303
- Desenko, V.A. see Bol'shutkin, D.N. 1-26541
- Desnica, D. see Grzeta-Plenkovic, B. 1-7143
- Desnica, U. see Grzeta-Plenkovic, B. 1-7143
- Deson, J. see Fournier, J. 1-28989
- Desoyer, J.C. see Mousset, C. 1-26567
- Despain, K. Low-mass evolution from He ignition to beyond the horizontal branch 1-44545
- Despaul, G.J.G. see Fouda, A.E. 1-13184
- Despiaru, R. see Alloin, D. 1-49816
- Despiaru, R. see Laques, P. 1-13857, 1-36312
- Despiaru, R. see Lecacheux, J. 1-4819
- Desplanches, G., Rigal, M., Wicker, A. Phase transformation in an $\text{Na}_3\text{Zr}_2\text{Si}_2\text{PO}_{12}$ ceramic 1-3726
- Desportes, H., Duthil, R., Gelebart, J.C., Leschevin, C., Lesmond, C. Superconducting magnet for EHS 1-51010
- Desportes, H., Le Bars, J., Mayaux, G. Construction and test of the CELLO thin-wall solenoid 1-45791
- Despralries, P., Tissot, B. The limits of the world petroleum supply 1-31975
- Despujols, J. see De Polignac, A. 1-7998
- Despujols, J. see Delunay, G. 1-48169
- Despujols, J. see Ropars, F. 1-52662
- Desre, P. see Cheynet, M.-C. 1-30359
- Desre, P. see Favre-Bonte, M. 1-30045
- Desre, P. see Goumri, L. 1-30527
- Desre, P. see Lemaignan, C. 1-25148
- Desre, P. see Lemarchand, J.L. 1-25145
- Desre, P.J. see Favre Bonte, M. 1-25144
- Desrousseaux, G., Carlan, A., Faure, R. Two-dimensional phonon-assisted hopping conduction in carbon films 1-47656
- Desseaux, J. Treatment of quasi-periodic crystal lattice images 1-52028
- Dessel, E.L. van see van Dessel, E.L.
- Dessens, J. see Church, C.R. 1-22383
- Dessieux, R. see Tolba-Sallam, M. 1-39265
- Dessler, A.J., Sandel, B.R., Atreya, S.K. The Jovian hydrogen bulge: evidence for co-rotating magnetospheric convection 1-54414
- Dessureault, J.-G., Knox, D.F. Design of a tri-axial thrust anemometer for measurement of atmospheric turbulence over water 1-44334
- DeSteele, J.G. see Franklin, A.L. 1-5919
- Desterke, A. Automatic ultrasonic inspection of pipeline welds 1-26698
- Destbailiers-Perquet, M.G. see Bourgeois, C. 1-45413
- Destrade, C., Nguyen Huu Tinh, Malthete, J., Jacques, J. On a 'cholesteric' phase in disc-like mesogens 1-2318
- Destrade, C. see Levelut, A.M. 1-34226
- Destruel, P. see Farzanch, M. 1-14142
- Destui, M.Z. see Ben Brakham, A. 1-660
- Destuynder, P. Asymptotic analysis of a finite element method for Naghdi-Reissner plate model application to the biharmonic problem 1-29528
- Desvignes, J.M. see Feldmann, P. 1-26176
- Detaint, J., Feldmann, M., Henaff, J., Poignant, H., Toudic, Y. Bulk and surface acoustic wave propagation in berlinite 1-16164
- Detang Zhang see Zhang Detang
- DeTar, C. The MIT bag model 1-14359
- Detcheva, V. see Kandilov, B.D. 1-7698
- DeTempte, T.A., Petuchowski, S.J., Chung, H.K. Semiclassical treatment of multiphoton interactions: AC stark shifts 1-19070
- DeTempte, T.A. see Chung, H.K. 1-24097
- DeTempte, T.A. see Durschlag, M.S. 1-41808
- Deters, O.J. see Friedman, M.H. 1-22107
- Detilleux, E.J. Prospects for the back-end of the fuel cycle in Belgium 1-18772
- Detinich, V.A. see Aleksandrov, I.V. 1-1713
- Detmer, D.E. see Nadler, R.D. 1-13299
- Detoma, E. Synchronisation technique via satellite 1-239
- Detraz, C. see Pougheon, F. 1-50505
- Detrick, D. see Siren, J.C. 1-40256
- Detrick, D.L. see Lashinsky, H. 1-17737
- Detrio, J.A., Fox, J.A., O'Hare, J.M. Optical, thermal, and mechanical measurements on CO_2 laser-irradiated ZnSe 1-29356
- Detrio, J.A., Graves, G.A., Wimmer, J.M. Failure criteria for laser window materials 1-29358
- Detrio, J.A. see Graves, G.A. 1-29355
- Dettsik, N.N. see Bashenko, V.V. 1-16635
- Dettenmaier, M., Kausch, H.H. New type of crazes in oriented polycarbonate 1-35359
- Dettenmaier, M. see Fischer, E.W. 1-52040
- Dettenmaier, M. see Stamm, M. 1-42325
- Dettnan, D.R. see Dollinger, R. 1-34146
- d'Ettore Piazzi, B. see Bologna, G. 1-28817
- Detweiler, S. Klein-Gordon equation and rotating black holes 1-23080
- Detwiler, J.S. see Carroll, T.P. 1-22155
- Detwiler, J.S. see Jarisch, W. 1-9049
- Detyna, E., Singer, K., Singer, J.V.L., Taylor, A.J. Molecular dynamics of liquids modelled by 'Lennard-Jones' pair potentials. III. Memory function analysis of the translational and rotational self correlation functions 1-11653
- Deublein, D., Sunder-Plassmann, R. Ram-type drier for the thickening and solidifying of liquid radioactive waste 1-791
- Deublein, G. see Eichinger, G. 1-25498
- Deubler, H.H., Dietrich, K., Hofmann, H. Statistical theory of heavy ion reactions 1-50630
- Deumlich, F. The development of precision levelling and some of its problems 1-13990
- Deupree, R.G. see Cole, P.W. 1-40477
- Deursen, A.P.J. van see van Deursen, A.P.J.
- Deurzen, P. van see van Deurzen, P.
- Deus, J. Dias de see Dias de Deus, J.
- Deutsch, B.L. see Navner, L.K. 1-7341
- Deutsch, J.M. A simple method for determining the mean passage time for diffusion controlled processes 1-26724
- Deutsch, J.M. see Marqusee, J.A. 1-38568
- Deutschman, P.A., Townsend, L.W. Coherent isobar production in peripheral relativistic heavy-ion collisions 1-14535
- Deutschman, P.A. see Townsend, L.W. 1-50567
- Deutges, D., Heber, G. Landau model of a spin glass with two order parameters: stability and derived physical properties. I. Stability 1-16454
- Deutges, D., Heber, G. Landau model of a spin glass with two order parameters: stability and derived physical properties. II. Comparison with experimental data 1-25961
- Deutsch, C. see Mino, H. 1-46851
- Deutsch, M., Estes, J.E. Landsat detection of oil from natural seeps 1-44336
- Deutsch, M. see Beniamini, I. 1-32964
- Deutsch, R. The influence of the energy dissipation and of the geometry on toroidal resonators with a conducting separating wall 1-1452
- Deutsch, T.F. see Ehrlich, D.J. 1-21747
- Deutscher, G., Entin-Wohlman, O., Shapira, Y. Upper critical fields in granular superconductors 1-20932
- Deutscher, G. see Van den Dries, L. 1-47763
- Deutscher, S.B. see Perone, S.P. 1-35662
- Deutscher, S.B. see Richardson, J.H. 1-31865
- Deutschmann, M. see Commichau, V. 1-14761
- Dev, B. see Salem, S.I. 1-26304
- Devalette, M., Meunier, G., Mazeau, C., Morell, A., Hagenmuller, P. Determination of the Bi^{3+} tetrahedral radius in sillenite-type phases 1-52113
- Devalette, M. see Meunier, G. 1-52349
- DeVan, J.H., Ihle, H.R., Knights, C.F., Konvicka, H.R., Maroni, V.A., Nasu, S., Navratil, J.D., Roth, E. Chemical aspects of controlled nuclear fusion. Review of selected problems 1-28694
- Devanathan, D., Carr, R. Polymeric conformal coatings for implantable electronic devices 1-22162
- Devanathan, R. see Ramkissoon, H. 1-6879
- Devanathan, T. see Young, K.A. 1-17522
- Devaney, A.J. Multiple scattering theory for discrete, elastic, random media 1-9864
- Devaney, A.J. Quasi-plane waves and their use in radiation and scattering problems 1-18039
- Devaney, A.J. Inverse source and scattering problems in optics 1-41568
- Devaney, A.J. see Wolf, E. 1-41564
- Devaquet, A. see Bigot, B. 1-48648
- Devara, P.C.S., Ahmed, M.I., Srirama Rao, M. Echo duration and diffusion coefficient measurements using meteor wind radar 1-54302
- Devaraj, N. see Chandramani, R. 1-21077, 1-33476
- Devaraj, S. see Ray, R.K. 1-26498
- Devare, H.G. see Devare, S.H. 1-2494
- Devare, H.G. see Sampathkumaran, E.V. 1-52872
- Devare, S.H., Pillay, R.G., Malik, S.K., Dhar, S.K., Devare, H.G. Preferential site occupancy of ^{111}In in RNi_2 compounds (R=rare earth) 1-2494
- Devaty, R.P., Sievers, A.J. Comment on Gor'kov and Eliashberg's theory for far-infrared absorption by small metallic particles 1-3408
- Devaty, R.P., Sievers, A.J. Comment on the pressure-induced off to on-center transition of Li^+ in KCl 1-20657
- Devauchelle, J.M. see Coutures, J.P. 1-42542
- DeVault, D., Kung, M.C. Higher-order fluorescence from antenna bacteriochlorophyll 1-8829
- Devaux, C., Siewert, C.E. The F_2 method for radiative transfer problems without azimuthal symmetry 1-44301
- Devaux, P., Trompette, P. Modal analysis of a ski by the finite element method 1-46691
- Devay, J.C. see Bond, G.C. 1-9132
- Devdariani, A.Z., Sebyakin, Yu.N. Temperature dependence of the shape of the Landau-Zener satellite of a spectral line 1-29093
- Devedau, B. see Picoli, G. 1-35085
- Develey, G. see Forey, P. 1-38328
- Develey, G. see Saillard, M. 1-30163
- D'Evelyn, M.P., Rice, S.A. Comment on the configuration space diffusion criterion for optimization of the force bias Monte Carlo method 1-42273
- Deveney, J.E., Sanderson, S.N., Winblad, A.E. A closed-loop control system for a plutonium nitrate storage and loadout area 1-23764
- Devenish, R. see Berger, C. 1-5636, 1-10209
- Devenish, R. see Berger, Ch. 1-14404
- Devenish, R. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Deventer, E.H. van see Van Deventer, E.H.
- Devenyi, A. see Manalir, R. 1-25169
- Devereux, M. see Andherub, H. 1-14760
- Devescovi, P. see Gilot, J.F. 1-28341
- Devgan, D.P., Mazumdar, H.S., Singhi, A.K. An automatic linear temperature programmer 1-18221
- Devi, K.R. Gayathri see Gayathri Devi, K.R.
- Devi, K.R. Sandhya see Sandhya Devi, K.R.
- Devi, K. Sarala see Sarala Devi, K.
- Devi, M., Singh, K. Image formation of a centrally obstructed circular aperture: speckle considerations 1-41605
- Devi, M. see Talukdar, P. 1-22610
- Devi, V. Malathy see Malathy Devi, V.
- Devicheva, E.A. see Belyakov, S.A. 1-9336
- Devillanova, F.A. see Andreocci, M.V. 1-24192, 1-46019
- Devillers, C. see Holliger, P. 1-40131
- Devillers, L. Simulation of metallurgical phenomena produced by hot strip rolling 1-3807
- Devinat, A. The existence of wave operators for oscillating potentials 1-95
- Devine, J.C. see Bond, G.R. 1-45656
- Devine, R.A.B. Pressure effects on the crystal field in rare-earth chalcogenides and pnictides 1-20682
- Devine, R.A.B. see Barbara, B. 1-25673
- Devine, T.M., Briant, C.L., Drummond, B.J. Mechanism of intergranular corrosion of 316L stainless steel in oxidizing acids 1-26673
- Devir, A.D. see Ben-Shalom, A. 1-40186
- Devis, C. see Paquet, P. 1-44091
- Devishev, M.I., Panfilova, N.N., Ostrogradskaya, M.G. A set of radiocirculographic attachments for radioisotope laboratories 1-39997
- deVisser, A.C. see Russel, G.A. 1-16522
- Devitt, D.F., Schapery, R.A., Bradley, W.L. A method for determining the mode I delamination fracture toughness of elastic and viscoelastic composite materials 1-48473
- Devitt, J. see Hirschberger, G. 1-24584
- Devlikanova, R.U. see Fesenko, E.G. 1-30169
- Devlikanova, R.U. see Kryshchok, V.G. 1-39288
- Devlin, G. see Geschwind, S. 1-48083
- Devlin, T. see Pondrom, L. 1-45286
- Devlin, T. see Yamin, P. 1-45372
- Devolder, P. Spectroscopic investigations of the reactions of active nitrogen with C_2H_6 , C_2D_6 , $\text{C}_2\text{H}_5\text{F}$ and $\text{C}_2\text{H}_5\text{Cl}$ at 77K: emission of the phosphorescence of the derived benzonitrile 1-4082
- Devolder, P. see Damay, P. 1-26036
- DeVolpi, A. see May, R.S. 1-5965
- Devooght, J., Mund, E. Generalized quasi-static method for nuclear reactor space-time kinetics 1-747
- DeVore, C.R. Current-driven resistive drift instabilities in sheared magnetic fields 1-46876
- Devos, J. see Van Camp, E. 1-18621
- Devoto, G. see Sastry, B.A. 1-43001
- Devereese, J.T. Electron-phonon interaction. Polar transport 1-30649
- Devereese, J.T., Brosens, F., Evard, R., Kartheuser, E. Theory of streaming motion of hot polarons in silver halides 1-47505
- Devereese, J.T., Van Camp, P.E., Van Doren, V.E. Moment expansion method to calculate vibrational frequencies of molecules and solids 1-1201
- Devereese, J.T., Van Camp, P.E., Van Doren, V.E. Dielectric screening approach to the average band gap of semiconductors 1-7521
- Devereese, J.T. see Brosens, F. 1-11824
- Devereese, J.T. see Peeters, F.M. 1-47667

- Devreese, J.T. *see* Van Camp, P.E. 1-6226, 1-20334
- Devreese, J.T. *see* van Doren, V.E. 1-7516
- Devreese, M., Verbiess, S. The optimal storage of nuclear fuel assemblies 1-37003
- Devreux, F. *see* Holczer, K. 1-42995
- DeVries, R.C. *see* Wentorf, R.H. 1-12682
- DeVries, R.M. *see* Peng, J.C. 1-28477
- Devries, R.M. *see* Satchler, G.R. 1-5790
- Devries, W.C. *see* Crapo, R.O. 1-13270
- Devriese, A. *see* Finsy, R. 1-13044
- DeVuono, A.C. *see* Christensen, R.N. 1-848
- DeVuono, A.C. *see* Miller, D.W. 1-45649
- Devyanin, S.A. *see* Achasov, N.N. 1-10164, 1-14336
- Devyaterikov, I.P. *see* Geogdzhayev, V.O. 1-15427
- Devyatov, A.M. *see* Fazlaev, V.Kh. 1-28894
- Devyatova, S.F. *see* Beresneva, L.A. 1-34601
- Devyatikh, G.G., Dianov, E.M., Karpichev, N.S., Mazavin, S.M., Mashinski, V.M., Neustruev, V.B., Nikolaichik, A.V., Prokhorov, A.M., Ritus, A.I., Sokolov, N.I., Yushin, A.S. Material dispersion and Rayleigh scattering in glassy germanium dioxide, a substance with promising applications in low-loss optical fiber waveguides 1-33782
- Devyatikh, G.G., Il'in, V.M., Larin, N.V., Maksimov, G.A., Moiseev, A.N. Residual electrical resistance of antimony as a criterion of its purity 1-16274
- Devyatikh, G.G. *see* Belov, A.V. 1-6674
- Devyatikh, G.G. *see* Gur'yanov, A.N. 1-51629
- Dew-Hughes, D. Critical currents at high fields in Nb₃Al multifilamentary wires 1-52729
- Dew-Hughes, D. *see* Messmer, C. 1-42389
- Dewald, A., Kaup, U., Gast, W., Gelberg, A., Schuh, H.-W., Zell, K.O., Von Brentano, P. Band structure in ⁴⁸Sr 1-45402
- Dewalt, F.G., Amend, J.R., Woodruff, R. A background emission correction system for atomic absorption spectrometry 1-50219
- Dewandre, T., Simon, A. Time behavior of non-linear plasma oscillations 1-6969
- Dewangan, D.P. On higher order Born approximations in atomic scattering calculations 1-1369
- Dewar, M.J.S., McKee, M.L. Ground states of molecules. LVII. Vibration frequencies of boron-containing molecules 1-10733
- Dewar, R.L. *see* Barnes, C.W. 1-34106
- Dewdney, P.E. Product transition correlator 1-23207
- DeWeese, S.K. *see* Spencer, R.E. 1-16880
- Dewel, G., Borkmans, P., Walgraef, D. Nonequilibrium phase transition and chemical instabilities 1-40741
- Dewel, G. *see* Prigogine, I. 1-40639
- Dewel, G. *see* Walgraef, D. 1-40738
- Dewey, C.F., Jr. *see* Madigan, M. 1-29260
- Dewey, T.G., Hammes, G.G. Calculation of fluorescence resonance energy transfer on surfaces 1-26881
- Dewey, W.C., Highfield, D.P., Freeman, M.L., Coss, R.A., Wong, R.S.L., Barrau, M.D. Cell biology of hyperthermia and radiation 1-53831
- Dewey, W.C. *see* Jostes, R.F. 1-4337
- Dewhurst, R.J., Pert, G.J., Scott, A.M. The disappearance and broadening of Rydberg states of sodium in a strong laser field 1-28897
- Dewhurst, R.J. *see* Aindow, A. 1-30331
- Dewhurst, R.J. *see* Aindow, A.M. 1-46641
- Dewhurst, R.J. *see* Knight, R.C. 1-19351
- Dewhurst, R.J. *see* Scruby, C.B. 1-42471
- DeWinter, J.C. *see* Degani, J. 1-45004
- DeWire, J.W. *see* Bebek, C. 1-33191
- DeWire, J.W. *see* Chadwick, K. 1-33192
- Dewitt, B.S. Quantum gravity: the new synthesis 1-18137
- DeWitt, R., Low, W. The DIII neutral beam shielding 1-908
- Deworm, J.P., Fieuw, G., Ghoois, L., Govaerts, P. Occupational radiation exposure of the personnel of a nuclear research centre in Belgium 1-32257
- Dexheimer, D.T. *see* Smith, R.I. 1-18763
- Dexiang Guan *see* Guan Dexiang
- Dexpert, H. *see* Rouanet, A. 1-4080
- Dexpert, H. *see* Schiffmacher, G. 1-52452
- Dexpert-Ghys, J., Faucher, M., Caro, P. Site-selective excitation, crystal-field analysis, and energy transfer in europium-doped monoclinic gadolinium sesquioxide. A test of the electrostatic model 1-39152
- Dexter, S.C. Effect of variations in sea water upon the corrosion of aluminium 1-31727
- Dexter, S.C. *see* Rowland, H.T. 1-39510
- Dey, A.N. Safety studies on Li/SO₂ cells. V. Effect of design variables on the abuse resistance of hermetic D cells 1-17190
- Dey, A.N., Holmes, R.W. Safety studies on Li/SO₂ cells. IV. Investigations of alternate organic electrolytes for improved safety 1-17188
- Dey, B., Singh, S. A new phonon frequency distribution function for quasi-two-dimensional systems 1-38477
- Dey, J. *see* Dey, M. 1-45443
- Dey, M., Samanta, B.C., Dey, J. Nuclear matter calculation with a super soft core potential including isobar degrees of freedom 1-45443
- Dey, N.C., Saikia, B.K., Haque, I. Viscosities of glycine and DL-alanine in water acetonitrile mixtures between 25 and 40°C 1-22023
- Dey, S., Gorres, U., Nielsen, H.J.V., Rosenbauer, M., Sostarich, M. Magnetic and Mossbauer investigation of amorphous Fe_{100-y-z}Cr_yB_z alloys 1-25986
- Dey, S. *see* Mukhopadhyay, D. 1-30752
- Dey, T.K., Chaudhuri, K.D. Heat conduction in bismuth-antimony and bismuth-thallium alloy single crystals at low temperatures 1-52539
- Dey, T.Kumar *see* Kumar Dey, T.
- Dey, W. *see* Pruyss, J.S. 1-50659
- Deyhimy, I. *see* Liu, Y.Z. 1-33502
- DeYoung, J. *see* Bockelee-Morvan, D. 1-17795
- Deza, R. *see* Boyanovsky, D. 1-23441
- Dezaly, F. *see* Massies, J. 1-7439, 1-16175
- Dezenberg, G.J. *see* Jones, D.W. 1-1059
- Dezsi, I., Kajocs, Z. Temperature effects in positronium quenching and inhibition in glycerol-water solutions 1-43212
- Dezso, L., Gestzelyi, L., Kondas, L., Kovacs, A., Rostas, S. Motions in the solar atmosphere associated with the white light flare of 11 July 1978 1-4854
- D'Haeyer, R. *see* Marique, C. 1-8335
- Dhairyawan, M.P., Nagarajan, P.S., Venkataraman, G. Further studies on the response of spherically moderated neutron detectors 1-10596
- Dhali, S.K., Crumley, R.J., Williams, P.F., Kunhardt, E.E., Gundersen, M.A. Electron densities in laser-triggered hydrogen sparks 1-38178
- Dhalwal, R.S. *see* Dhawan, G.K. 1-24752
- Dhalwal, R.S. *see* Rokne, J. 1-19645
- Dhalwal, R.S. *see* Singh, B.M. 1-6808
- Dhamelincourt, P. *see* Sombret, B. 1-21192
- Dhami, T.L. *see* Bansal, R.C. 1-35568
- Dhanak, M.R. The stability of an expanding circular vortex layer 1-46759
- Dhaneshwar Singh, M., Verma, S.M. Some applications of NMR spectroscopy for the study of restricted rotation 1-24166
- Dhar, A. *see* Chakravarti, A.N. 1-47675
- Dhar, D. On the topological characterization of two-dimensional phase transitions 1-23139
- Dhar, D. On the connectivity index for lattices of noninteger dimensionality 1-32930
- Dhar, D., Barma, M. Monte Carlo simulation of directed percolation on a square lattice 1-27894
- Dhar, O.N., Kulkarni, A.K., Rakhecha, P.R. Maximum one-day point rainfall estimation for north Indian Plains using direct average rainfall ratios 1-4650
- Dhar, O.N., Rakhecha, P.R., Mandal, B.N. Is the number of cyclonic disturbances traversing India during a monsoon season related to the rainfall in that season? 1-22440
- Dhar, P.K., Barraut, M.R., Jones, G.R. A multi ring radar frequency technique for measuring arc boundary variations 1-15742
- Dhar, S. *see* Chung, S.U. 1-14423, 1-45362
- Dhar, S.K. *see* Devare, S.H. 1-2494
- Dharamsi, A.N., Tulip, J. Comment on 'A CNDO/S investigation of contact CT complexes of some organic molecules with O₂' 1-6164
- Dhariwal, S.R., Vasu, N.K. Mathematical formulation for the photo-induced open circuit voltage decay method for measurement of minority carrier lifetime in solar cells 1-35653
- Dharma-Wardana, M.W.C. A note on finite temperature Thomas-Fermi, Hartree-Fock-Slater calculations 1-36598
- Dharma-wardana, M.W.C. The dynamic response of a non-uniform distribution of electrons 1-52505
- Dharma-wardana, M.W.C., Taylor, R. The dielectric function of the uniform electron gas: approximation to the Hartree-Fock ladder series 1-7543
- Dharma-wardana, M.W.C., Taylor, R. Exchange and correlation potentials for finite temperature quantum calculations at intermediate degeneracies 1-42708
- Dharma-wardana, M.W.C. *see* Johnstone, I.W. 1-30932, 1-39099
- Dharmadasa, I.M. *see* Petty, M.C. 1-7624
- Dharmadurai, G. Self-heating-induced phenomena in long thin-film superconductors and their applications 1-25850
- Dharmadurai, G. *see* Chopra, V. 1-40773
- Dharmani, R.L. *see* Gupta, S.K. 1-11320
- Dharmadkar, S.R. *see* Das, D. 1-53399
- Dhatt, G., Fomo, B.K., Bourque, C. A ψ - ω finite element formulation for the Navier-Stokes equations 1-42002
- Dhawan, G.K., Dhalwal, R.S. Effect due to two rigid inclusions in a Griffith crack in transversely isotropic medium 1-24752
- Dhawan, S. *see* Egan, P.O. 1-51324
- D'Hendecourt, L.B. *see* Le Sergeant *see* Le Sergeant D'Hendecourt, L.B.
- d'Heurle, F.M., Petersson, C.S., Tsai, M.Y. Observations on the hexagonal form of MoSi₂ and WSi₂ films produced by ion implantation and on related snowplow effects 1-42646
- d'Heurle, F.M. *see* Angilello, J. 1-47406
- Dhez, P., Esteve, J.-M. Between X (rays) and UV: a new optics 1-51594
- Dhillon, B.S., McCrea, J.L. Bibliography of literature on medical equipment reliability 1-22963
- Dhillon, P.S. *see* Datta, S. 1-21280
- Dhir, V.K., Catton, I. Natural convective cooling of debris bed 1-5863
- Dhir, V.K., Catton, I. Dryout heat fluxes in very deep debris beds 1-45689
- Dhir, V.K. *see* Drucker, M.I. 1-5936
- Dhir, V.K. *see* Lienhard, J.H. 1-37924
- Dhir, V.K. *see* Naik, A. 1-10476
- Dhir, V.K. *see* Taghavi-Tafreshi, K. 1-19702
- Dhirendra, Sanyal, B. Effect of potassium dichromate on the passivation of stainless steel (AISI 321) in sulphuric acid 1-31712
- Dhoble, Y.S. *see* Karade, T.M. 1-124, 1-23063
- D'Hoker, E. Non-perturbative effects inside the QCD bag 1-501
- Dhond, R.V. *see* Iyer, P.S. 1-32254
- D'Hondt, P., Wagemans, C., Barreau, G., Deruyter, A.J. The ²³²Th(n,f) cross-section for thermal and 2.44 MeV neutrons 1-724
- D'Hondt, P., Wagemans, C., Declercq, A., Barreau, G., Deruyter, A. Energy distributions and absolute yields of the charged light particles emitted during the thermal neutron induced ternary fission of ²³⁵U 1-5808
- D'Hooghe, M. Coolyn *see* Coolyn D'Hooghe, M.
- Dhooghe, P.F.J. A theorem on the conformal structure of interior space-times 1-44796
- d'Hooze, F. *see* Nijls, J. 1-39797
- Dhotarad, M.S. *see* Laura, P.A.A. 1-19619
- Dhulesia, H.A. *see* Lockett, M.J. 1-6885
- D'Hulst, J.-M., Waldeufel, P., Ramond, D. Global lightning observed from Puy de Dome? 1-44273
- Dhumwad, R.K., Patwardhan, A.B., Kulkarni, V.T. Investigations in (O-O) isotopic bands of the C₂ Swan system 1-41363
- Di Bartolo, B. *see* Danko, J. 1-52988
- Di Blasio, A. *see* Ballaric, C. 1-31082
- Di Caporriaco, G. *see* Adamovich, M.I. 1-45317
- Di Caporriaco, G. *see* Fiorino, A. 1-50583
- Di Capua, M.S. *see* Pellinen, D.G. 1-23266
- Di Carlo, A. *see* Piva, R. 1-11364
- Di Cecca, A., Gamberale, R. The Data Handling Subsystem onboard the EXOSAT spacecraft 1-49473
- Di Cesare, P. *see* Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Di Chiro, G. *see* Brooks, R.A. 1-43964, 1-53872
- Di Chiro, G. *see* Williams, P.C. 1-13365
- Di Cicco, D. Nova Sagittarii 1980 1-27522
- Di Claudio, B. *see* Atkin, G.K. 1-584, 1-41010
- Di Corato, M. *see* Evangelista, C. 1-45354
- Di Drusco, M. *see* Birsa, R. 1-51060
- Di Fazio, A., Vagnetti, F., Wilson, J.R. Protogalactic explosions and intracluster chemical enrichment 1-13865
- Di Francia, G. Toraldo *see* Toraldo Di Francia, G.
- Di Gennaro, V., Evangelista, C., Ghidini, B., Palano, A., Picciarelli, V., Zito, G., Broring, J., Mattig, P., Muller, K., Paul, E., Ruhmer, W., French, B.R., Mitaroff, W.A., Palazzi-Cerrina, C., Strub, R., Thompson, A.S., Edwards, M., Armstrong, T., Gordon, J., Hughes, I.S., Lewis, G.M., McCluskey, R., Turnbull, R.M., Best, C., Donald, R.A., Edwards, D.N., Houlden, M.A., Costa, G., Mandelli, L., Pensotti, S., Perini, L., Steuer, M. Analysis of the inclusive reaction $\pi^- p \rightarrow K^0 (890) X^0$ at 10 GeV/c 1-5660
- Di Giacomo, F.F. A semiempirical potential energy surface for chemiluminescence electron-transfer reactions. I 1-48683
- Di Giacomo, P. *see* Capitani, G.P. 1-23936
- Di Gregorio, S., Greenblatt, M., Pifer, J.H. ESR of Nb⁴⁺ in zircon 1-12396
- Di Lella, L. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Di Liberto, S. *see* Allasia, D. 1-23495
- Di Lieto, A., Minguzzi, P., Tonelli, M. A CO₂ waveguide laser for saturation optoacoustic spectroscopy 1-51445
- Di Lonardo, G., Trombetti, A. Dipole moment of PH₃ in $\nu_2=1$ and $\nu_3=1$ states by laser Stark spectroscopy 1-29031
- Di Lonardo, G. *see* Carloti, M. 1-37201
- Di Mauro, C. *see* Giacomini, G. 1-42899
- Di Napoli, V., de Almeida, E.S., Vieira, J.L. Particle-particle bound cross-sections and the transparency of complex nuclei to photoproduced nucleons 1-10325
- Di Paola, A., Di Quarto, F., Sunseri, C. Anodic oxide films on tungsten. I. The influence of anodizing parameters on charging curves and film composition 1-48558
- Di Paola, A., Di Quarto, F., Sunseri, C. Anodic oxide films on tungsten. II. The morphology and dissolution of the films 1-48559
- Di Pietro, B. *see* Razzini, G. 1-8698
- Di Porto, P. *see* Crosignani, B. 1-11038, 1-41859
- Di Quarto, F. *see* Di Paola, A. 1-48558, 1-48559
- Di Salvo, E., Viano, G.A. Surface waves in pion-pronion elastic scattering 1-14416

- Di Salvo, E., Viano, G.A. Surface waves in proton elastic scattering 1-14420
- Di Salvo, F.J., Murphy, D.W., Trumbore, F.A. Batteries with extra potential 1-32007
- Di Serego Alighieri, S. *see* Barbieri, C. 1-9475, 1-22687
- di Serego Alighieri S., H.C. *see* Macchetto, F. 1-17770
- Di Stefano, G., Lenzi, M., Margani, A., Nguyen Xuan, C. Kinetics of the formation of $\text{Xe}(6p[1/2]_g)$ and $\text{Xe}(6p[3/2]_g)$ by vacuum-ultraviolet irradiation 1-45887
- Di Vecchia, A. *see* Andreotti, L. 1-17176
- di Vecchia, P. The dynamics of the pseudoscalar mesons at arbitrary θ in large n quantum chromodynamics 1-18428
- Di Vecchia, P., Veneziano, G. Minimal composite Higgs systems 1-5586
- Di Vita, P., Rossi, U. A modal approach to propagation in graded optical fibres 1-1706
- di Vita, P., Rossi, U. A ray approach to scattering in optical fibres 1-19436
- di Vita, P., Rossi, U. A modal approach to propagation in graded optical fibres 1-19437
- Di Vita, P., Rossi, U. Evaluation of splice losses induced by mismatch in fibre parameters 1-29398
- di Vita, P. *see* Coppa, G. 1-19438
- Di Xinwu *see* Zhou Zidong 1-9224
- Di-sheng Tang *see* Tang Di-sheng
- Di-sheng Zhai *see* Zhai Di-sheng
- Diadiuk, V., Groves, S.H., Hurwitz, C.E., Iseler, G.W. Low dark-current, high gain GaInAs/InP avalanche photodetectors 1-45014
- Diane, Ch., Giscelon, J.L., Dupuy, J. Collision damage processes due to energetic heavy ions in silver chloride 1-2534
- Diak, G. *see* Gautier, C. 1-49387
- Diakonou, M., Kourkumelis, C., Resvanis, L.K., Filippas, T.A., Fokitis, E., Trakkas, C., Cnops, A.M., Cobb, J.H., Fowler, E.C., Hood, D.M., Iwata, S., Palmer, R.B., Rahm, D.C., Rehak, P., Stumer, I., Fabjan, C.W., Fields, T., Lissauer, D., Man-nelli, I., Molzon, W., Mouzourakis, P., Nakamura, K., Nappi, A., Willis, W.J. Direct production of single photons at the CERN Intersecting Storage Rings 1-10256
- Diakur, J., Nakashima, T.T., Vederas, J.C. Magnitudes of ^{18}O isotope shifts in ^{13}C nuclear magnetic resonance spectra of ketones and alcohols 1-14961
- Dialetis, D. Generation of Cerenkov radiation at the cyclotron frequency of a conducting medium 1-29198
- Diamant, N.E. *see* Bardakjian, B.L. 1-32112
- Diambrini-Palazzi, G. *see* Adamovich, M.I. 1-45317
- Diambrini-Palazzi, G. *see* Fiorino, A. 1-50583
- Diamant, P. *see* Teich, M.C. 1-32117
- Diamant-Berger, A. *see* Barish, B.C. 1-10284
- Diamond, D.J., Cheng, H.S. The importance of spatial kinetics in LWR safety analysis 1-50862
- Diamond, D.J. *see* Carew, J.F. 1-5850
- Diamond, D.J. *see* Lu, M.S. 1-28677
- Diamond, R. *see* Chung, S.U. 1-41006
- Diamond, R.M. *see* Alconard, M.M. 1-23590
- Diamond, R.M. *see* Andrews, H.R. 1-18559
- Diamond, R.M. *see* Hubel, H. 1-10377
- Diamond, R.M. *see* Sie, S.H. 1-41073, 1-41074
- Diamond, R.N. *see* Berge, J.P. 1-540
- Diamond, R.N. *see* Hays, P.J. 1-45371
- Dian Chao Sun *see* Sakaki, H. 1-47733
- Dian-yan Xu *see* Xu Dian-yan
- Diana, G., Gasparetto, M. The equivalent oscillator. Simulation of vortex shedding on cylindrical bodies by means of an equivalent oscillator 1-33965
- Diana, L.M. *see* Coleman, P.G. 1-15019
- DiAngelo, D.W., Longo, R., Schnitzler, R.H. Deposition of first layer of SiO_2 without damage to unused contacts and fiducials 1-39237
- Dianlin Zhang *see* Zhang Dianlin
- Dianoux, A.J., Volino, F. Molecular conformational changes in the smectic C, smectic A and nematic phases of TBBA 1-11670
- Dianoux, A.J. *see* Bec, M. 1-11703
- Dianoux, A.J. *see* Takeuchi, H. 1-6396, 1-52933
- Dianoux, A.J. *see* Volino, F. 1-11894
- Dianov, E.M., Masychev, V.I., Plotnichenko, V.G., Sysyov, V.K. Determination of the bulk and surface absorption coefficients of highly transparent solids in the wavelength range of CO laser radiation 1-35005
- Dianov, E.M., Mitichkin, A.I., Panova, A.N., Plotnichenko, V.G., Sysyov, V.K., Udovichenko, L.V. Determination of the bulk and surface absorption coefficients of highly transparent solids in the wavelength range of CO_2 laser radiation 1-35006
- Dianov, E.M. *see* Aleinikov, A.F. 1-34905
- Dianov, E.M. *see* Artyushenko, V.G. 1-51575
- Dianov, E.M. *see* Belanov, A.S. 1-33821
- Dianov, E.M. *see* Belov, A.V. 1-6674
- Dianov, E.M. *see* Belovolov, M.I. 1-33822
- Dianov, E.M. *see* Devyatkykh, G.G. 1-33782
- Dianov, E.M. *see* Gur'yanov, A.N. 1-51629
- Dianov-Klokov, V.I., Ivanov, V.M., Arefev, V.N., Sizov, N.I. Water vapour continuum absorption at 8-13 μm 1-19095
- Dianov-Klokov, V.I. *see* Arefev, V.N. 1-40193
- Diard, J.-P., LeGorcec, B., Dac Tri, L. Study of a mechanism of anodic oxidation of an adsorbate using zone diagrams. II. Harmonic behaviour 1-43560
- Dias, J.F., Karrer, H.E., Tykulska, A. Capacitive blood pressure transducer 1-35898
- Dias, J.P., Figueira, M. Decay at infinity of the solution of a non-linear equation of the Schrödinger Hartree type 1-14021
- Dias de Deus, J. A comment on the potential in heavy quarkonium quantum-mechanical systems 1-28282
- Dias de Deus, J., Henriques, A.B., Pulido, J.M.R. Quarkonia with a simple variational method 1-28295
- Dias de Deus, J., Henriques, A.B., Pulido, J.M.R. Quarkonia with a variational method 1-40972
- Diaz, A., Hermosillo, F., Valenzuela, R. The rotational contribution to the initial magnetic permeability in Ni-Zn ferrites 1-7897
- Diaz, A., Vasquez Vallejo, J.M., Martinez Duran, A. [Poly]pyrrole: a new organic electrode material 1-53431
- Diaz, A.F. *see* Clarke, T.C. 1-7598
- Diaz, C.C., Pena, J.M.G., Alvarez-Estrada, D. Electron microscopy of some wollastonite based porcelains 1-43348
- Diaz, F.J. *see* Kobayashi, K. 1-21988
- Diaz, L. *see* Bhat, S.P. 1-3768
- Diaz, N.J., Dugan, E.T. Gaseous core reactors for electrical power generation 1-18875
- Diaz, N.J., Dugan, E.T., Oliver, C.C. Cyclic gaseous core reactors 1-14583
- Diaz, N.J., Dugan, E.T., Oliver, C.C. Cycling gas core reactor power systems 1-18717
- Diaz, R., D'Angelo, R., Merovich, H., Mongini, M., Alvarez, M., Valle, L., Cardama, C., McCallum, A., Berger, R., Zanutto, B., Argibay, J., Liotti, N., Frumento, C., Heinrich, E. Digital measurement of very low frequencies by microprocessor [cardiac frequencies] 1-22159
- Diaz Arrivillaga, A., Kreuzer, H. The El Cajon hydro project in Honduras. I 1-53543
- Diaz Gonzalez, F., Llorens Morraja, M. An open-circuit test on a transformer: separation of the fixed losses and a study of the voltage wave 1-30973
- Diaz Pena, M., Pando, C., Renuncio, J.A.R. Combination rules for three-body van der Waals coefficients 1-1298
- Dibai, E.A., Romanov, A.M. An estimate of the spatial density of Seyfert galaxies 1-13861
- Dibenedetto, A.T. *see* Petrie, S.P. 1-48496
- DiBenedetto, E. *see* Cannon, J.R. 1-33872
- DiBianca, F. *see* Lehmann, L. 1-43970
- DiBianca, F.A., Fickinger, W.J., Malko, J.A., Robinson, D.K., Dado, S., Engler, A., Keyes, G., Kraemer, R.W. Resonant structure in the $\pi^+\pi^-\pi^-\pi^+$ system between 1.5 and 1.9 GeV 1-45343
- DiBianca, F.A. *see* Cohen, G. 1-43968
- DiBitonto, D. *see* Hanna, D. 1-41015
- Dibitonto, D. *see* Irion, J. 1-50475
- Dibon, H. *see* Buschbeck, B. 1-28358
- Dibon, H. *see* Denegri, D. 1-28356
- DiCarlo, J.A. Predicting the time-temperature dependent axial failure of B/A composites 1-48474
- DiCarlo, L. *see* Cody, C.A. 1-52279
- Dicello, J.F., Zaidar, M., Bradbury, J.N. Meson factories 1-50994
- DiCenzo, S.B., Basu, S., Wertheim, G.K. In-plane ordering in stage two lithium-graphite 1-48239
- Dichenko, A.B. Magnetisation intensity and longitudinal susceptibility of piezomagnetic antiferromagnets associated with dislocations 1-30921
- Dick, B.H. *see* Burrows, B.W. 1-53587
- Dick, C.E., Motz, J.W., Roehrig, H. New method for the experimental determination of the detective quantum efficiency of X-ray screens 1-40914
- Dick, C.J. *see* Samson, S. 1-406
- Dick, E.P., Watson, W. Transformer models for transient studies based on field measurements 1-38949
- Dick, H. *see* Schouten, H. 1-22319
- Dick, R.D., Kerley, G.I. Shock compression data for liquids. II. Condensed hydrogen and deuterium 1-38495
- Dick, R.S., Jr., Banda, B.M., Starr, J.W. Design study of a coal-fired thermionic (THX)-topped power plant 1-48888
- Dick, S.J. How the US Naval Observatory began, 1830-65 1-54372
- Dicke, R. *see* Burger, K.H. 1-24102
- Dicke, R.H., Peebles, P.J.E. The big bang cosmology - enigmas and nostrums 1-22937
- Dickens, J.K., Love, T.A. Absolute yield of 140.5 keV gamma ray following decay of ^{99}Mo 1-10345
- Dickens, J.K., McConnell, J.W. Yields of fission products produced by thermal-neutron fission of ^{245}Cm 1-41153
- Dickens, J.K., McConnell, J.W., Northcutt, K.J. Yields of short-lived fission products produced by thermal-neutron fission of plutonium-239 1-45548
- Dickens, M.H., Hayes, W., Smith, C., Hutchings, M.T., Lechner, R.E. Neutron quasi-elastic scattering from dynamic disorder in PbF_2 and BaF_2 1-34508
- Dickens, R.J. *see* Bell, R.A. 1-44597
- Dickens, R.J. *see* Butler, D. 1-17858
- Dickerman, C.E., Mueller, C.J., Rose, D. TREAT upgrade program objectives 1-14655
- Dickerman, C.E. *see* Mueller, C. 1-10478
- Dickerson, M.H. Applicability of the atmospheric release advisory capability (ARAC) to nuclear power plant emergency preparedness 1-28656
- Dickey, F.M., Petersen, M.A. An optical open area radiometer 1-5352
- Dickey, F.M., Peterson, M.A. Optical open-area radiometer 1-27927
- Dickey, J. *see* Bromberg, C. 1-45364
- Dickey, J.O. *see* Bromberg, C. 1-10266
- Dickey, R.W. Stability of periodic solutions of the nonlinear string 1-18049
- Dickhoff, W.H., Faessler, A., Meyer-ter-Vehn, J., Muther, H. Pion condensation and realistic interactions 1-50522
- Dickin, A.P., Exley, R.A., Smith, B.M. Isotopic measurement of Sr and O exchange between meteoric-hydrothermal fluid and the Coire Uaigneach Granophyre, Isle of Skye, NW Scotland 1-22265
- Dickin, A.P. *see* Thompson, R.N. 1-13417
- Dickinson, A.S. *see* Allan, R.J. 1-1394
- Dickinson, A.S. *see* Bhattacharyya, S.S. 1-6347, 1-14981
- Dickinson, C. *see* Kamlet, M.J. 1-29014
- Dickinson, D.F. *see* Kojoian, G. 1-22885
- Dickinson, D.F. *see* St. Clair Dinger, A. 1-9388
- Dickinson, J.A. *see* Hung Cheng 1-45141
- Dickinson, J.T., Snyder, D.B., Donaldson, E.E. Electron and acoustic emission accompanying oxide coating fracture 1-12872
- Dickinson, R. *see* Baker, D.J., Jr. 1-13562
- Dickman, R., Varley, R.L. Dynamics of a Brownian particle in a plasma in the long-time limit 1-51913
- Dickman, R.L. *see* Kutner, M.L. 1-40538
- Dickman, R.L. *see* Machnick, D.E. 1-49750
- Dickow, H. *see* Denne, B. 1-24276
- Dickson, J.D. *see* Nadeau, J.S. 1-26599
- Dickson, L.D. Method for determining under/over modulation of a holographic phase grating 1-24369
- Dickson, L.D., Walsh, W.J., Wolfheimer, A.D. Diffraction efficiency optimization for skew-angle holographic scanner 1-24368
- Dickson, P.W., Doncais, R.A. Heterogeneous core designs for liquid metal fast breeder reactors 1-14586
- Dickson, R.R., Gurbutt, P.A., Pillai, V.N. Satellite evidence of enhanced upwelling along the European continental slope 1-22352
- Dicker, A.E. *see* Gabriel, S. 1-17509
- Dicus, D.A. *see* Adjei, S.A. 1-45263
- Diddens, A.N., Jonker, M., Panman, J., Udo, F., Allaby, J.V., Amaldi, U., Barbiellini, G., Baroncelli, A., Blobel, V., Cocconi, G., Flegel, W., Kozanecki, W., Longo, E., Mess, K.H., Metcalf, M., Meyer, J., Orr, R.S., Schmidt-Parzefall, W., Schneider, F., Wetherell, A.M., Winter, K., Busser, F.W., Gall, P.D., Grote, H., Heine, P., Kroger, B., Niebergall, F., Ranitzsch, K.H., Stahelin, P., Gemanov, V., Grigoriev, E., Kaftanov, V., Khovansky, V., Rosanov, A., Biancastelli, R., Borgia, B., Bosio, C., Capone, A., Ferroni, F., Monacelli, P., De Notaristefani, F., Pistilli, P., Santoni, C., Valente, V. Performance of a large system of proportional drift tubes for a fine-grain calorimeter 1-14747
- Diddens, A.N., Jonker, M., Panman, J., Udo, F., Allaby, J.V., Amaldi, U., Barbiellini, G., Baroncelli, A., Blobel, V., Cocconi, G., Flegel, W., Kozanecki, W., Longo, E., Mess, K.H., Metcalf, M., Meyer, J., Orr, R.S., Schneider, F., Wetherell, A.M., Winter, K., Busser, F.W., Gall, P.D., Grote, H., Heine, P., Kroger, B., Niebergall, F., Ranitzsch, K.H., Stahelin, P., Gemanov, V., Grigoriev, E., Kaftanov, V., Khovansky, V., Rosanov, A., Biancastelli, R., Borgia, B., Bosio, C., Capone, A., Ferroni, F., Monacelli, P., De Notaristefani, F., Pistilli, P., Santoni, C., Valente, V. A detector for neutral-current interactions of high-energy neutrinos 1-23998
- Didelez, J.P. *see* Riepe, G. 1-23949
- Didenko, A.N. Contemporary problems in the physics of high-power electron and ion beams 1-1480
- Didenko, A.N., Chistyakov, S.A., Yalovets, A.P. Interaction of high-current relativistic electron beam with matter 1-28834
- Didenko, A.N., Ryabchikov, A.I. Influence of natural electromagnetic fields of high-current electron beams on trajectories of their motion 1-987

- Didenko, A.N., Zabeav, V.N., Kalinin, B.N., Kurkov, A.A., Potylitsin, A.P., Tomchakov, V.K., Vorobiev, S.A. Effect of channeling on γ -radiation spectra of 870 MeV electrons in diamond crystal 1-48191
- Didenko, A.N. see Bystritskii, V.M. 1-51461
- Didenko, L.A. see Abdrakhmanov, E.O. 1-722
- Didenko, O.I. Conjugate heat exchange accompanying flow past thin radiant bodies with variable profile 1-1978
- Didisheim, J.J., Yvon, K., Fischer, P., Shaltiel, D. The deuterium site occupation in ZrV_2D_x as a function of the deuterium concentration 1-7135
- Didisheim, J.J. see Schefer, J. 1-20124
- Didkovskii, A.B., Bologa, M.K. On the critical strength of an electrical field under conditions of film condensation of a vapour 1-42521
- Didoshak, V.N., Babel, Yu.I. The kinetics of strengthening and loss of strength of iron in adsorption fatigue 1-35376
- Didsbury, R. Binocular vision—a simple demonstration 1-27748
- Diebel, V.V. see Nemoshkalenko, V.V. 1-35122
- Diebel, M., Albrecht, K., Hasse, R.W. Microscopic calculations of fission barriers and critical angular momenta for excited heavy nucleolyte systems 1-50668
- Diebel, M., Mantri, A.N., Mosel, U. Energies and electromagnetic moments of deformed nuclei in the rare-earth region 1-631
- Diebel, M. see Mosel, U. 1-50703
- Diebold, A., Badgett, C.E. Application to semiconductor characterization of a mass-filtered, microfocused ion gun and high-transmission quadrupole 1-31955
- Diebold, G.J., Rivas, I.V., Shafeizad, S., McFadden, D.L. Detection of several electronically metastable atomic states by gas phase EPR 1-24070
- Diebold, M.A. Qualitative and quantitative analysis of residual gases in ultra high vacuum 1-9990
- Diebold, R. see Ambats, I. 1-1026
- Diebold, R. see Cohen, D. 1-33200
- Diebold, R. see Wicklund, A.B. 1-5644
- Dielschlag, W. see Stumbaum, F. 1-17505
- Diederich, D.J. see Pugh, J.W. 1-42586
- Diegelmann, M., Grieneisen, H.P., Hohl, K., Xue-Jing Hu, Krassinski, J. New TEA-lasers based on D⁺-A⁺ transitions in halogen monofluoride compounds: ClF (284.4 nm), BrF (354.5 nm), IF (490.8 nm) 1-19323
- Diegelmann, M., Grieneisen, H.P., Rebentrost, F., Komp, K.L. Spectroscopy, kinetics and laser action in interhalogen molecules 1-37473
- Diegler, R.B. Crevice corrosion of glassy Fe-Ni-Cr-P-B alloys 1-16956
- Diegler, R.B., Merz, M.D. Corrosion behavior of glassy chromium-containing alloys prepared by sputtering 1-16969
- Dieguez, E., Cabrera, J.M. Optical absorption and thermoluminescence of X-irradiated KDP 1-31208
- Diehl, H.W., Dietrich, S. Scaling laws and surface exponents from renormalization group equations 1-27899
- Diehl, J. see Brunner, D. 1-31492
- Diehl, J. see Zwiesle, S. 1-12830
- Diehl, P., Haardt, H. Measurement of the spectral attenuation to support biological research in a "plankton tube" experiment 1-35995
- Diehl, P., Moia, F., Bosiger, H. The use of ^{13}C satellites in spectra of oriented molecules: the r_a structure of 1,2,4-trichlorobenzene 1-41404
- Diehl, R. Vapor phase epitaxy in the Zn/S/Ga/As/H system: deposition rates, source mass loss rates, and temperature profiles in a close-spaced reactor 1-35184
- Diehl, R.L., Buchwald McCusker, S., Chapman, L.S. Perceiving vowels in isolation and in consonantal context 1-37715
- Diekmann, A. see Berger, Ch. 1-14404
- Diekmann, B. see Aston, D. 1-14399, 1-45297, 1-50442
- Diekmann, O., Hilhorst, D., Pelietier, L.A. A singular boundary value problem arising in a pre-breakdown gas discharge 1-52016
- Diels, J.W.H., de Hoog, F.J., Schram, D.C. Formation and destruction of molecular ions in a Townsend discharge in neon 1-42226
- Diels, J.C. Feasibility of measuring phase relaxation time with subpicosecond pulses 1-15230
- Diels, J.-C., Fontaine, J.J. Subpicosecond dye laser pulses. A new tool for optical metrology 1-15205
- Diels, J.-C., Menders, J., Sallaba, H. Generation of coherent pulses of 60 optical cycles through synchronization of the relaxation oscillations of a mode-locked dye laser 1-51530
- Diem, M. see Nafie, L.A. 1-14861
- Diennemann, H. SF₆ high current discharge 1-15699
- Diener, H.C., Scheibler, H. Follow-up studies of visual potentials in multiple sclerosis evoked by checkerboard and foveal stimulation 1-26900
- Dienes, A. see Li, K.K. 1-41750
- Dienes, G.J., Welch, D.O., Paskin, A. The self-consistent cell model equation of state for solids 1-30349
- Dienes, G.J. see Paskin, A. 1-52225
- Diensys, V., Kancelis, Z., Martunas, Z. Frequency dependence of warm carrier conductivity in germanium 1-2997
- Diensys, V., Kancelis, Z., Tvardauskas, G. Effect of magnetic field on lag in electron warming in silicon 1-20757
- Diep, G.B. Forced heat. Convection transfer 1-49922
- Dieperink, A.E.L., Scholten, O. On shapes and shape phase transitions in the interacting boson model 1-10334
- Diercksen, G.H.F. see Thomas, L.D. 1-1306, 1-1329
- Dieringer, M. see Aniol, R. 1-13605
- Dierkes, P., Janberg, K., Baatz, H., Weinhold, G. Transport tasks help solve spent fuel interim storage problems 1-14648
- Dierks, R.D. The design and operation of a 100-kg/h electric melter for nuclear waste vitrification 1-14681
- Diester-Haass, L., Chamley, H. Oligocene climatic, tectonic and eustatic history off NW Africa (DSDP Leg 41, site 369) 1-36053
- Diester, D.J. see Allen, J.W. 1-25130, 1-34211, 1-36559
- Dietderich, D.R. see Hong, M. 1-47832
- Dietel, W., Dopel, E., Kuhlke, D. Passive mode-locking of an Ar⁺-laser with rhodamine 6G as saturable absorber and double mode-locking of the pump- and dye laser system 1-24441
- Dietel, W. see Schroter, S. 1-46397
- Dieterich, W. see Bunde, A. 1-42281, 1-52037
- Dieterle, W.E. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Dieterle, W.E. see Dorfan, J.M. 1-41020
- Dieterle, W.E. see Himel, T.M. 1-18482
- Dieterle, W.E. see Scharre, D.L. 1-18485, 1-45292
- Dieth, H. see Bock, P. 1-10234
- Dieth, H. see Chabaud, V. 1-50468
- Dieth, H. see Chabaud, V. 1-10392
- Dieth, H. see Däum, C. 1-14424, 1-28357
- Dieth, H. see Gorchik, L. 1-5656
- Dieth, H. see Sacharidis, E.J. 1-50469
- Dietrich, B. The energy roof as a heat source for the heat pump 1-35693
- Dietrich, B., Kittner, R., Zaumseil, P., Grosswig, S. Topographic studies of an X-ray interferometer of Czochralski-silicon 1-29976
- Dietrich, D. see Weissmantel, C. 1-12671
- Dietrich, D.D., Leavitt, J.A. Radiative decay of the $2p\ ^3P_{3/2,1/2}$ states of lithiumlike krypton ($Z=36$) and the $2s2p\ ^3P$ state of berylliumlike krypton 1-1413
- Dietrich, G. see Wahl, J. 1-43678
- Dietrich, J.J., Boyaner, M.R., Pittinato, G.F. Reflector edge seal development 1-13103
- Dietrich, K. see Deubler, H.H. 1-50630
- Dietrich, K.M. see Werner, E. 1-50493
- Dietrich, M.W. see Edde, H. 1-48913
- Dietrich, S. see Diehl, H.W. 1-27899
- Dietrich, W., Fröhlich, B., Bergmann, G. Probe with liquid temperature control for high-resolution ^{13}C NMR spectroscopy 1-16499
- Dietrich, W. see Kusssmaul, K. 1-35384
- Dietsche, W. Bremsstrahlung and recombination phonons studied by Al-PbBi heterojunction spectrometers 1-15975
- Dietsche, W., Kinder, H. Inelastic phonon scattering in glass 1-16001
- Dietsche, W., Kinder, H., Mattes, J., Wuhl, H. Breakdown of shear stiffness in amorphous Ga 1-728
- Dietsche, W. see Augsburgberger, E.I. 1-42589
- Dietsche, W. see Kinder, H. 1-16166
- Dietz, E.R. Scattered-wave study of the magnetic properties of the potassium trimer 1-45844
- Dietz, K., Kuhn, H. Stereo magnification angiography 1-43947
- Dietz, K. see Buchmüller, W. 1-5511
- Dietz, K.J. see Goodall, D.H.J. 1-29908
- Dietz, K.J. see Waalbroeck, F. 1-30555
- Dietz, K.J. see Winter, J. 1-23851
- Dietz, R.E., McRae, E.G., Campbell, R.L. Saturation of the ionic potential observed in low-energy electron reflection at Cu(001) surface 1-3033
- Dietz, R.E. see Mattheiss, L.F. 1-7513
- Dietz, R.S. see Lambert, P. 1-40133
- Dietz, T.G., Duncan, M.A., Liverman, M.G., Smalley, R.E. Resonance enhanced two-photon ionization studies in a supersonic molecular beam: bromobenzene and iodobenzene 1-37283
- Dietz, W., Rudiger, R. Shearfree congruences of null geodesics and Killing tensors 1-9884
- Dietz, W., Rudiger, R. Space-times admitting Killing-Yano tensors. I 1-44806
- Dietz, W. see Haberkorn, R. 1-19060
- Dietzsch, E., Zitzmann, G. The new JENA-made PRAKTICAR f/1.4 50 mm MC standard lens system for miniature photography 1-45049
- Dieulesaint, E., Royer, D. Elastic waves in solids. Applications to signal processing 1-44733
- Diez, E., Esteban, A.L., Guilleme, J., Bermejo, F.L. Relationship between torsional angles and ring-puckering coordinates 1-28951
- Diez, E. see Esteban, A.L. 1-51221
- Diffenderfer, R.N., Dagdigan, P.J., Yarkony, D.R. Spin-forbidden radiative transitions in atomic calcium 1-28883
- Diffilippo, F.C. Neutron wave propagation in heterogeneous media and the interpretation of neutron noise in BWRs 1-50870
- Diffilippo, F.C., Otaduy, P.J. Numerical calculation of the global and local components of the neutron noise field in boiling water reactors 1-745
- Digges, T.G., Jr., Shima, R. The effect of growth rate, diameter and impurity concentration on structure in Czochralski silicon crystal growth 1-3611
- Diggle, W.R. see Cartwright, D.K. 1-823
- Diggs, B.R. see Ford, W.E., III 1-10464
- DigiGiacomo, N.J. see Peng, J.C. 1-28477
- Diglov, M.Yu. see Nikol'skaya, I.F. 1-15903
- DiGiovanni, A.E. see Shah, J. 1-48165
- Dignam, J.F. see Dandekar, D.P. 1-35340
- Dignam, M.J., Baker, M.D. Analysis of a polarizing Michelson interferometer for dual beam Fourier transform infrared, circular dichroism infrared, and reflectance ellipsometric infrared spectroscopies 1-50194
- Dignam, M.J., Kalia, R.K. Some equilibrium and near-equilibrium properties of the oxide-electrolyte interface 1-17070
- Dignam, M.J. see Baudais, F.L. 1-17108
- Dignam, M.J. see Mahaffy, P.R. 1-8078
- Difiorio, C.J. see Robinson, W.R. 1-28665
- Dijk, G.van see van Dijk, C.
- Dijk, P.A.S.van see van Dijk, P.A.S.
- Dijk, T.van see van Dijk, T.
- Dijk, T.van see van Dijk, T.
- Dijkerman, H.A. see Wensink, W.A. 1-6323
- Dijkkamp, D. see Bloemen, E.W.P. 1-46070
- Dijols, H. see Galy, J. 46092
- Dijols, H. see Millet, P. 1-41393
- Dijols, H. see Salameh, Y. 1-41477
- Dik, E.G. see Zinov'ev, V.E. 1-25945
- Dik, E.P. see Alekhnovich, A.N. 1-31977
- Dikovsky, S.A., Tsvetkov, Yu.D. Electron spin echo study of the characteristic features of the solvation of the nitroxide radical in frozen methanol solutions 1-6291
- Dikanov, S.A., Tsvetkov, Yu.D. Paramagnetic complexes of various nitroxide radicals with water and methanol in frozen solutions 1-7949
- Dikareva, L.M. see Kuznetsov, V.Ya. 1-42358
- Dikareva, L.M., Rogachuk, D.L. 1-42359
- Dikchuyus, G., Zhilinskis, E., Sirutkaitis, V. Picosecond monophase phosphogate laser operating in frequency mode 1-1579
- Dikchuyus, G. see Bareika, B. 1-51496, 1-51561
- Dike, R.S., Haberster, A. The ceramic toroidal vacuum chamber for the ZT-40 1-21703
- Diker, G.M. see Pritchard, H.O. 1-601
- Dikili, A.G. see Voitsenya, V.S. 1-25048
- Dikili, I.I., Petrivskii, R.I., Alekseev, S.N., Krasovskaya, G.M. Influence of surface-active ions of electrolyte on the corrosion-mechanical strength of high-strength steel 1-53353
- Dikili, N.P. see Kogan, V.S. 1-47417
- Dikkers, R.D. Standards for solar energy systems 1-8690
- Diko, P. see Zentko, A. 1-47863
- Dikov, Y.P., Pereygin, V.P. Low-sensitivity glass crack detectors 1-51055
- Dil, J.G., van Hijnningen, N.C.J. Brillouin scattering near a rigid interface 1-35066
- Dilalla, D.P., Gohin, A., Lipson, R.H., McBreen, P., Moskovits, M. Enhanced Raman spectroscopy of CO adsorbed on vapor-deposited silver 1-25553
- Dilalla, D.P. see Abe, H. 1-45969
- Dilalla, D.P. see Cosse, C. 1-33466
- Dilalla, D.P. see Moskovits, M. 1-35022, 1-37213
- Dilger, H., Koelzer, W. Occupational radiation exposure at the waste handling facility of the Karlsruhe Nuclear Research Centre 1-28742
- Dilks, A. see Kay, E. 1-4089
- Dill, B., Heydumand, H. Infrared chemiluminescent reactions of fluorine atoms with methanol and some deuterated analogs 1-26750
- Dill, D. Quantum-defect functions. Interconverters of electronic and nuclear motion 1-14790
- Dill, D., Swanson, J.R., Wallace, S., Dehmer, J.L. Angular distribution of molecular K-shell Auger electrons: spectroscopy of photoabsorption anisotropy 1-14968
- Dill, D. see Jungen, Ch. 1-1289
- Dill, D. see Rault, M. 1-19141
- Dill, D. see Siegel, J. 1-46126
- Dill, R.E. see Springer, A.P. 1-53773
- Dillahunty, R.C., Fash, J.L., Parsley, L.R., Townsend, D.W. Geophysical data bases: system considerations 1-22497
- Dillen, J., Geise, H.J. The molecular structure of cyclohexanone determined by gas-phase electron diffraction, including microwave data 1-24256
- Dillen, J., Geise, H.J. A computer routine for the calculation of cartesian coordinates of seven membered ring systems 1-46155
- Dillen, J., Geise, H.J. An investigation of the molecular structure of cyclohexanone by gas phase electron diffraction 1-51295

- Diller, D.E. Measurements of the viscosity of compressed gaseous and liquid methane 1-29824
- Diller, D.E. *see* Straty, G.C. 1-30351, 1-30352
- Diller, R. *see* Christoph, R. 1-44892
- Dilley, J.P. *see* Esposito, L.W. 1-40412
- Dilley, J.P. *see* Tomasko, M.G. 1-40404
- Dilling, M. Microscopic description of exclusive one-nucleon transfer processes at medium energies 1-18647
- Dilling, M., Herscovitz, V.E., Teodoro, M.R. Mean-field approach to Δ and Σ hypernuclei 1-41068
- Dilling, M. *see* Boudard, A. 1-41117
- Dilling, M. *see* Knapfer, W. 1-5730
- Dillmann, U., Gabriel, K., Proger, M. The change of Poisson's ratio of metallic wires and bars—high strength steel wire for ropes and bundles for structural engineering 1-43388
- Dillmann, U., Gabriel, K., Proger, M. Investigations into the structural behaviour of metallic wires and bars—high-strength steel wire for ropes and bundles for structural engineering 1-43389
- Dillon, G. *see* Cenni, R. 1-5224, 1-50535
- Dillon, J.B. *see* Abrams, G.S. 1-10242, 1-50450
- Dillon, J.B. *see* Dorfman, J.M. 1-41020
- Dillon, J.B. *see* Himel, T.M. 1-18482
- Dillon, J.B. *see* Scharre, D.L. 1-18485, 1-45292
- Dillon, J.W. *see* Abrams, G.S. 1-10208
- Dillon, K.B., Harrison, M.R., Rossotti, F.J.C. A hydrogen NMR study of some carboxylic acids and their anions 1-14932
- Dilonardo, M. *see* Capitelli, M. 1-2261
- Dilorenzo, F.L. *see* Courtney, J.C. 1-18898
- Diloy-Puray, M. *see* Westerman, M.P. 1-22081
- Dilworth, D.C. Current status of the synthesis of optical systems (SYNOPSIS) lens design program 1-46500
- Dimakysan, M.L. *see* Vaganyan, A.I. 1-7400
- Dimant, Y.S. *see* Gurevich, A.V. 1-51915
- DiMarcello, F.V. *see* Blyler, L.L., Jr. 1-11190
- DiMaria, D.J., Ghez, R., Dong, D.W. Charge trapping studies in SiO₂ using high current injection from Si-rich SiO₂ films 1-7632
- DiMaria, D.J., Kotecha, H. Two-carrier dual-injector structure 1-25808
- Dimarogonas, A. *see* Panteliou, S. 1-29604
- Dimarogonas, A.D., Mouriki, A. Synthesis of four bar linkages for solar tracking 1-8677
- Dimarogonas, A.D. *see* Chondros, T.G. 1-4015
- Dimarova, E.N., Rez, I.S., Gorbokov, N.V., Paschuk, L.A. On high-temperature phase transitions in CsH₂AsO₄ and CsD₂AsO₄ single-crystals 1-52905
- DiMarzio, E.A. Self-assembly in biological systems as examples of phase transitions in polymers 1-39866
- DiMarzio, E.A., Guttman, C.M., Hoffman, J.D. Is crystallization from the melt controlled by melt viscosity and entanglement effects? 1-30100
- DiMarzio, E.A., Guttman, C.M., Hoffman, J.D. Study of amorphous-crystal interfaces in polymers using the wicklet model: estimates of bounds on degree of adjacent reentry 1-47017
- DiMarzio, E.A. *see* Gaylord, R.J. 1-42329
- DiMarzio, E.A. *see* Guttman, C.M. 1-38300, 1-38641
- DiMarzio, E.A. *see* Hoffman, J.D. 1-30098
- Dimashko, Yu.A. *see* Granovskii, Ya.I. 1-27826
- Dimovski, Z. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Dimelfi, R.J. *see* Kramer, J.M. 1-41183
- Dimic, V. *see* Cvikel, B. 1-7079
- Dimicoli, L., Botter, R. Dependence of ion pair formation on the velocity of high Rydberg state argon atoms in collisions with CCl₄ and CCl₃F 1-19164
- Dimitric, M.S., Konjevic, N. Stark widths of doubly- and triply-ionized atom lines 1-10692
- Dimitrova, P. *see* Gourrier, S. 1-48551
- Dimitrova, A.I., Kekhaiov, T.D. Influence of electric fields on the kinetics of infrared quenching of the photocurrent in cadmium sulfide single crystals 1-20816
- Dimitrov, C. *see* Maury, F. 1-52179
- Dimitrov, C. *see* Swanson, M.L. 1-20282
- Dimitrov, O. *see* Maury, F. 1-52179
- Dimitrov, S.B. *see* Kuncov, N.K. 1-33705
- Dimitrova, M.I. *see* Novakov, E.P. 1-49158
- Dimitrova, S., Borisova, L., Khristakudis, G., Toneva, A. Thermoelectric properties of p-type pressed materials based on Ag₂Te-doped PbTe 1-42801
- Dimitrova, S.K. *see* Borisova, L.D. 1-7646
- Dimmey, L.J., Park, H., Jones, P.L., Cocks, F.H. The optical band gap of hydrogenated amorphous boron thin films: The effect of substrate temperature 1-48182
- Dimmey, L.J. *see* Zalph, B.L. 1-38778
- Dimmet, J. The improvement in the results of kinematics of in vivo joints 1-17529
- Dimock, C.W., Lake, J.L., Norwood, C.B., Bowen, R.D., Hoffman, E.J., Kyle, B., Quinn, J.G. Field and laboratory methods for investigating a marine gasoline spill 1-53714
- Dimock, D. *see* Hill, K.L. 1-2249
- Dimock, D. *see* Meservy, E.B. 1-24992
- Dimock, D. *see* Owens, D.K. 1-25073
- Dimonte, G. Ion Langmuir waves in a nonneutral plasma 1-34072
- Dimopoulos, S., Raby, S., Sikivie, P. Problems and virtues of scalarless theories of electroweak interactions 1-36835
- Dimopoulos, S., Raby, S., Susskind, L. Light composite fermions 1-497
- Dimov, G.I. *see* Apolonskii, A.N. 1-33362
- Dimplf, W.L. *see* Murphy, E.J. 1-37243
- Dimri, A.K. Refractive index profile measurement of fiber preform 1-1697
- Din, A.M., Zakrzewski, W.J. Properties of general classical CPⁿ⁻¹ solutions 1-435
- Din, A.N., Zakrzewski, W.J. General classical solutions in the CPⁿ⁻¹ model 1-10073
- Din, G.U. *see* Hanninen, R. 1-10353, 1-10365
- Dinapoli, A. *see* Chu, B. 1-38244
- Dinea, F., Iarovici, A., Zaharia, E. Stresses produced in the elastic half-space by a rigid plate in harmonic rotation 1-24680
- d'Incan, J. *see* Prosser, S.J. 1-6305
- Dinkelage, R.-D. *see* von Dincklage, R.-D.
- Dindosova, D. *see* Skalny, J. 1-52001
- Dindune, A.P. *see* Kanepe, Z.Ya. 1-35172
- Dine, M. Weak and electromagnetic contributions to quark masses 1-5595
- Dine, M., Litwin, C., McLerran, L. Quantum chromodynamics in 2+ε dimensions 1-45225
- Dineelkhan, M., Efimov, G.V., Ivanov, M.A. Omega meson decay into neutral pion+positive muon+negative muon, form factor in the nonlocal quark model 1-40986
- Dineelkhan, M., Efimov, G.V., Lobanov, Yu.Yu. Decays of decuplet baryon resonances in the nonlocal quark model 1-40993
- Dines, T.J. *see* Clark, R.J.H. 1-41385
- Dinescu, M. *see* Ursu, I. 1-19921
- Dinesha, K.V. *see* Sahasrabudhe, G.G. 1-27811
- Dinev, O. *see* Aleksey, Z. 1-16199
- Dinev, O.P. *see* Madzharova, N.A. 1-53507
- Dinev, P.D. *see* Moussa, M.I. 1-12448
- Dinev, S.G., Koprinkov, I.G., Stamenov, K.V., Stankov, K.A. A narrowband unidirectional pulsed ring dye laser 1-24435
- Ding, A., Richter, K., Menzinger, M. Laser-induced fluorescence spectroscopy of an N₂⁺-ion beam 1-37323
- Ding, K. *see* Krantitzky, W. 1-6611
- Ding Hui-Liang, Yang Xi-Rong, Yu Zhong-Qiang, Gu Song-Hua A six inputs programmable trigger logical circuit 1-41283
- Ding Lee, Preiser, S. Generalized Adams methods for solving underwater wave propagation problems 1-33847
- Ding Lin-Kai, Zhu Qing-Qi Monte-Carlo simulation of cosmic ray antiproton intensity 1-44397
- Ding Shen-xun, Zhu He-nian, Guo Ji-Hua, Zhang Pei-lin, Song Yu-fu Pulse subtractor 1-338
- Ding Shou-Qian A generalized coefficient formula of the third order magnetic deflection aberration and its relations with the raster pattern produced by the in-line gun 1-46205
- Ding-Chang Xian *see* Xian Ding-Chang
- Ding-jun Luo *see* Luo Ding-jun
- Ding-Sheng Wang, Freeman, A.J., Krakauer, H., Posternak, M. Self-consistent linearized-augmented-plane-wave-method determination of electronic structure 1-47727
- Ding-shi Zhu *see* Zhu Ding-shi
- Dingankar, A.T. The central problem of electroencephalography and factor analysis 1-21974
- Dingchang Xian *see* Xian Dingchang
- Dinger, A.St. Clair *see* St. Clair Dinger, A.
- Dinger, R., Rohr, K., Weber, H. Ion distribution in laser produced plasma on tantalum surfaces at low irradiances 1-25008
- Dingle, R., Stormer, H.L., Gossard, A.C., Weigmann, W. Electronic properties of the GaAs-AlGaAs interface with applications to multi-interface heterojunction superlattices 1-12186
- Dingle, R. *see* Pinczuk, A. 1-7719, 1-12516, 1-16355, 1-52960
- Dingle, R. *see* Weisbuch, C. 1-16353, 1-52990
- Dinguard, M., Maisonneuve, J.M. Use of the Sun for calibration of HRV camera of SPOT project 1-370
- Dinguard, M. *see* Maisonneuve, J.-V. 1-369
- Dini, K. *see* Cowlam, N. 1-3142
- Dini, R. *see* Bartalucci, S. 1-28793
- Dinkelacker, A. Multidimensional flow of radioactive gases through the soil surrounding an underground nuclear power plant 1-795
- Dinnappa, R.K., Rudresh, H.B., Mayanna, S.M. The effect of thiocyanate ions on the corrosion of copper in perchloric acid 1-16978
- Dinnis, A.R. Colour display of voltage contrast in the SEM 1-23373
- Dinsdale, A. *see* Putland, F. 1-16756
- Dinse, K.P. *see* Deimling, M. 1-16504
- Dinse, K.P. *see* Frohling, W. 1-12430
- Dinsmore, R.E. *see* Wernikoff, R.E. 1-13323, 1-43984
- Dinter, H. Some examples for the application of the Monte Carlo code EGS 1-18924
- Disaur, U. *see* Schulten, K. 1-10715
- d'Inverno, R.A. A review of algebraic computing in general relativity 1-18145
- d'Inverno, R.A., Smallwood, J. Covariant 2+2 formulation of the initial-value problem in general relativity 1-5190
- Diiodati, F.P. *see* Marconi, M.C. 1-24439
- Diogo, A.C., Martins, A.F. Correlation between twist viscosity and dielectric relaxation in nematic liquid crystals 1-25159
- Dion, M. *see* Piffard, Y. 1-7373
- Dione, N.J. *see* Lindsay, P.A. 1-6980
- Dionisi, C. *see* Aguilar-Benitez, M. 1-5646, 1-23517
- Dionisi, C. *see* Loverre, P.F. 1-18511, 1-18512
- Dionisi, C. *see* Mazzucato, M. 1-50462
- Dionysiou, D., Antonacopoulos, G. Relativistic dynamics for three charged particles 1-40324
- Dionysiou, D.D. On the Einstein-Maxwell field equations 1-32875
- Diop, A. *see* Badier, J. 1-10218, 1-10582, 1-14430
- D'Iorio, M., Armstrong, R.L. A comparison of the chlorine nuclear relaxation in the dense paramagnetic insulators K₂IrCl₆ and K₂ReCl₆ 1-7964
- Diose, P.G. *see* Ogawa, Y. 1-40153, 1-40154
- Diot, C. *see* Chaix, C. 1-8309
- Dipper, N.A. *see* Dean, A.J. 1-36181, 1-37069
- D'Ipollito, D.A. Mode coupling in a toroidal sharp-boundary plasma. I. Weak-coupling limit 1-29857
- Dirac, P.A.M. The variation of G and the problem of the Moon 1-49549
- Dircks, W.J. The future outlook for US nuclear safeguards 1-14588
- Dirienzo, A. *see* Beckerman, M. 1-10401
- Dirienzo, A.C. *see* Schier, W. 1-41156
- Dirikis, M.A. Improved elements of 67 minor planets 1-49559
- Dirks, A.G., Brongersma, H.H. Surface segregation and precipitation phenomena in Ag-Al alloys 1-16780
- Dirks, A.G. *see* Buschow, K.H.J. 1-30066
- Dirks, H. *see* Beckstette, K. 1-42932
- Dirks, J.F. Laser-beam recorder for continuous tone transparent electrophotography 1-45053
- Dirksen, G.J. *see* Blasse, G. 1-31169, 1-52945, 1-52980
- Diri, R. Clebsch-Gordan coefficients for magnetic groups: general theory 1-7119
- Diri, R. *see* van den Broek, P.M. 1-5537
- Dirmfeld, S.F., Shechtman, D. Influence of manganese diffusion coating on fatigue behaviour of steels 1-16891
- Dirmfeld, S.F. *see* Levin, L. 1-3672
- Diront, D. *see* Goossens, M. 1-44547
- Dirschert, R., Lee, H.U. Laser fluorescence study of ytterbium plus halomethane reactions 1-12987
- Dirtolf, I., Abramson, N., Sandstrom, U. Holographic measuring of deformations in complete upper dentures 1-8967
- DiSalvo, F.J., Fleming, R.M. Search for a sliding charge density wave in layered compounds 1-2897
- DiSalvo, F.J., Waszczak, J.V. Paramagnetic moments and localization in IT-TaS₂ 1-20953
- DiSalvo, F.J., Waszczak, J.V. Magnetic studies of VSe₂ 1-42943
- DiSalvo, F.J., Waszczak, J.V., Yamaya, K. Magnetic susceptibility of NbSe₂ and TaSe₂ 1-30907
- DiSalvo, F.J. *see* Christian, P.A. 1-32008
- DiSalvo, F.J. *see* Menezes, S. 1-4208
- DiSalvo, R. *see* Benjamin, A.S. 1-10495
- Dische, S., Martin, W.M.C., Anderson, P. Radiation myelopathy in patients treated for carcinoma of bronchus using a six fraction regime of radiotherapy 1-32189
- Disder, F. *see* Aymar, R. 1-46909
- Diserens, J. *see* Lees, P. 1-24312
- Dishaw, J.P. *see* Barish, B.C. 1-10284
- Dishman, R.A. *see* Luck, D.E. 1-32081
- Dishovsky, N., Boncheva-Mladenova, Z. Doping of gel-grown Ag₂SeO₄ single crystals 1-12644
- Dislich, H., Hussmann, E. Amorphous and crystalline dip coatings obtained from organometallic solutions. Procedures, chemical processes and products 1-53114
- Dissado, L.A. *see* Jonscher, A.K. 1-26118
- Dissanayake, C.B., Jayatilaka, G.M. Distribution of copper ions in waste and potable waters in Sri Lanka cities 1-21945
- Distefano, G., Guerra, M., Jones, D., Modelli, A., Colonna, F.P. Experimental and theoretical study of intense shake-up structures in the XPS spectra of nitrobenzenes and nitrosobenzenes 1-19132
- Distler, G.I., Khint, I.A., Chernov, S.F. The mechanism of mechanical activation of solids 1-30308
- Disveld, P. *see* Buis, N. 1-47923
- Ditchek, B. *see* Sun, T.S. 1-16628
- Ditchek, B.M., Breen, K.R., Venables, J.D. Thermal decomposition of a Si₃N₄-22 wt.% Al₂O₃ alloy 1-31848
- Ditchfield, R. *see* Hudis, J.A. 1-28855
- Ditichuk, V.Z. *see* Vorontsova, M.M. 1-21249
- Dite, A.F. *see* Mezghou-Deglin, L.P. 1-18237
- DiTrapani, P.M. *see* Engvall, J. 1-35739
- Ditschev, L.A. *see* Mitov, I.P. 1-13330

- Ditsman, S.A. Theory of X-ray optical systems for electron microprobe devices 1-40918
- Dittbenner, G. see Chau, H.H. 1-40768
- Dittbenner, G. see Steinberg, D. 1-36676
- Dittenhoefer, A.C., de Pena, R.G. Sulfate aerosol production and growth in coal-operated power plant plumes 1-13202
- Dittmann, R. see O'Neill, L.H., Jr. 1-50443
- Dittmann, P. see Bartel, W. 1-18500, 1-45253, 1-45254
- Dittmar, E. see Le Bas, J. 1-30849
- Dittmann, H., Koppen, K. Aspects in the further development of electrical measurement technology 1-28013
- Dittmore, M.H. see Gilman, F.M. 1-14613
- Dittner, P.F. see Bemis, C.E., Jr. 1-36972
- Dittner, P.F. see Overbury, S.H. 1-26331
- Dittrich, K. Analytical applications of spectra of diatomic molecules 1-1821
- Dittrich, K. see Petrakiev, A. 1-19956
- Dittrich, W., Englert, B.-G. One-loop thermal corrections in the Gross-Neveu model 1-50313
- Ditts, F. see Tyutyul'kov, N. 1-7509
- Dittus, F. see Bocklin, J. 1-14734
- Ditzian, R.V., Banavar, J.R., Grest, G.S., Kadanoff, L.P. Phase diagram for the Ashkin-Teller model in three dimensions 1-12320
- Diu, C.K., Yu, C.P. Deposition from charged aerosol flows through a two-dimensional bend 1-21789
- Diu, C.K., Yu, C.P. Decomposition from charged aerosol flows through a pipe bend 1-21790
- Divan, L. Quantitative spectral classification of Be stars on low dispersion spectra 1-49692
- Divecha, A.P., Fishman, S.G. Mechanical properties of silicon carbide reinforced aluminium 1-48509
- Diven, J.N. see Taylor, J.P.S. 1-50716
- Divenyi, P.L. A note about Terhardt's pitch learning hypothesis: a reply to Houtsma 1-29480
- Diver, R.B., Fletcher, E.A. Hydrogen and oxygen from water. IV. Control of an effusional separator during a solar intensity transient 1-21931
- DiVerdi, J.A. see Opella, S.J. 1-8819
- Divigalipitaya, W.M.R. see Tennekone, K. 1-43762
- DiVincenzo, D.P., Holzwarth, N.A.W., Rabii, S. A calculation of the electronic band structure of KCl_8 1-47433
- DiVincenzo, D.P. see Rabii, S. 1-47629
- Divnov, I.I. see Khristoforov, B.D. 1-33025
- Diwan, S.G. see Peshawar, V.B. 1-54270
- Dix, J.A., Pandisio, A.A. A simple digital computer interface for an NMR spectrometer 1-14148
- Dixit, A., Chen, C.S., Volk, C.E. Stoichiometry and masking ability of LPCVD silicon nitride against arsenic diffusion 1-20457
- Dixit, B.S., Bulpitt, W.S. Economics of wood energy systems for industries 1-53644
- Dixit, J.P. see Mehrotra, K.N. 1-16270
- Dixit, L.A. Torsion of a non-homogeneous magnetostriuctive elastic hollow circular cylinder under tangential tractions acting on the inner surface, outer surface being fixed 1-7925
- Dixit, V.V., Sarath, B., Sobouti, Y. Two basis sets for the g and p-modes of self gravitating fluids 1-4755
- Dixon, D.A., Deerfield, D., Graham, G.D. The electronic structure of dodecahedrane and the nature of the central cavity 1-45808
- Dixon, D.A. see Eades, R.A. 1-45824
- Dixon, D.A. see Richtsmeier, S.C. 1-51112
- Dixon, E.A., King, G.S.S., Smithson, T.L., Wieser, H. The out-of-plane ring deformations of 1,3- and 1,4-dioxene and 3,6-dihydro-2H-pyran: comparison of a series of cyclohexenes 1-45960
- Dixon, F.W. see Montgomery, J.D. 1-11103
- Dixon, J.M., Farrar, E. Ridge subduction, eudition, and the Neogene tectonics of southwestern North America 1-4485
- Dixon, J.M. see Camwell, P.L. 1-47871
- Dixon, J.M. see Chatterjee, R. 1-52975
- Dixon, M. see Gillan, M.J. 1-11900
- Dixon, M. see Tsang, W.T. 1-41747
- Dixon, N.R. see Bender, E.K. 1-41921
- Dixon, N.S. see Langouche, G. 1-16508
- Dixon, R.H. see Seely, J.F. 1-51956
- Dixon, R.L., Ekstrand, K.E. A silicon diode dosimeter with a memory—an alternative to mailed TLD 1-9029
- Dixon, R.N. High resolution laser spectroscopy of molecules 1-28017
- Dixon, R.N., Jones, K.B., Noble, M., Carter, S. The mechanism of HNO predissociation—an interpretation using analytical potential energy functions for the $A'A'$, $a'A'$ and $X'A'$ states 1-46043
- Dixon, R.N., Webster, C.R. Vibronic activity and the change in geometrical structure accompanying the 580 nm electronic transition of CrO_2Cl_2 1-10745
- Dixon, R.W. see Ippen, E.P. 1-1606, 1-51525
- Dixon, S., Marr, J., Lachowski, E.E., Gard, J.A., Glasser, F.P. Preparation and properties of some phases in the system $Nd_2O_3-CeO_2-ZrO_2-RuO_2$ 1-31443
- Dixon, W.R., Storey, R.S., Simpson, J.J. An isospin-mixed triplet in ^{44}Ti 1-637
- Dizhechko, N.N. see Arbutov, M.P. 1-29968
- Djalali, C., Marty, N., Morlet, M., Willis, A., Comparat, V., Frascaria, R. Excitation of the giant monopole resonance and Coulomb excitation of the giant dipole resonance in hadron inelastic scattering from ^{208}Pb 1-18623
- Djaloels, A., Gopal, S. High energy helion scattering: a 'model-independent' analysis 1-50609
- Djambazova, L. see Kowatschewa, R. 1-53185
- Djemili, B., Martin-Garin, L., Martin-Garin, R., Hicler, P. Viscosity of Cd-In liquid alloys 1-25484
- Djeu, N., Whitney, W.T. Laser cooling by spontaneous anti-Stokes scattering 1-41437
- Djeu, N. see Christensen, C.P. 1-1550
- Djeu, N. see Wilcomb, B.E. 1-10746
- Djie, H.R.E. Tjin A see Tjin A Djie, H.R.E.
- Djordjevic, B.D., Mihajlov-Dudukovic, A.N., Tasic, A.Z. Correlation of second virial coefficients of polar gases by Redlich-Kwong equation of state 1-38035
- Djordjevic, Z.B., Sow-Hsin Chen Regularity of the stage sequence in graphite intercalation compounds 1-34261
- Djordjevic, L., Sadove, M.S. Experimental study of the relationship between the base impedance and its time derivative in impedance plethysmography 1-40020
- Djordjevic, L., Sadove, M.S. Basic principles of electrohaemodynamics 1-53915
- Djordjevic, L. see Zuber, B.L. 1-35770
- Djotyan, G.P. see Arutunyan, V.M. 1-46336
- Djubantono, T. see Semah, F. 1-13385
- Djukic-Husar, J. see Cobourn, W.G. 1-13201
- Djulgerova, R. see Kapicka, V. 1-333
- Djurek, D. see Prester, M. 1-18230
- Djuric, B., Jovanovic, M., Drobjack, Dj. A study of precipitation in Cu-Be alloys 1-3759
- Djuric, T. see Henc-Bartolic, V. 1-1678
- Diabali, M.L., Hutchinson, S.B., Eden, J.G., Verdeyen, J.T. Multiline (480-496 nm) discharge-pumped iodine monofluoride laser 1-37463
- Diabali, M.L., Hutchinson, S.B., Eden, J.G., Verdeyen, J.T. IFC blue-green laser 1-37475
- Diabali, M.L., Hutchinson, S.B., Eden, J.G., Verdeyen, J.T. Iodine monofluoride 140-kW laser: small signal gain and operating parameters 1-41671
- Diabek, G., Brummer, O., Moser, B. A positron annihilation study of quenched-in defects in diluted Al-Mg alloys 1-52177
- Diaguch, Zh.M., Fenchak, V.A. Some physical characteristics of local cloud formation on Mars 1-49556
- Dimitrenko, A.G. On boundary stability of a finite conductivity plasma cylinder with current 1-51949
- Dimitrenko, A.G. see Gubarev, V.F. 1-2154
- Dimitrenko, A.G. see Bol'shakov, A.F. 1-7321
- Dimitrienko, V.E., Belyakov, A.O. On the polarization of X-rays diffracted in mosaic crystals 1-15749
- Dimitrienko, V.V. see Gal'per, A.M. 1-13555
- Dimitrie, A.B., Malyshov, E.K., Shchetinina, O.I. Vacuum fission chambers for neutron monitoring 1-10601
- Dimitrie, A.G. see Byvalyi, V.A. 1-20812
- Dimitrie, A.K. see Bagaev, S.N. 1-11052, 1-41425
- Dimitrie, A.P., Gushcha, N.I., Grodzinsky, D.M. Radiosensitivity of the slime mold Physarum polycephalum to gamma irradiation 1-8914
- Dimitrie, A.Ya., Buimistruk, G.Ya. The analysis of color images with the spectral range characteristics employment 1-23338
- Dimitrie, B.I. see Galitskarov, Sh.A. 1-14111
- Dimitrie, J., Lochmann, R., Weller, Th. Steady states and quasienergies of a system in an oscillating field within the perturbation configuration interaction method 1-51124
- Dimitrie, M.V. see Gutkin, A.A. 1-7742
- Dimitrie, M.V. see Letyuk, L.M. 1-3169
- Dimitrie, P.P. see Antonova, N.M. 1-669
- Dimitrie, R.P. see Trunov, V.A. 1-25886
- Dimitrie, S.G., Kul'vaskaya, B.S., Podgorniy, V.I. Effect of a Schottky barrier at the interface between the substrate and the active layer on the I-V characteristics of the cathode emission 1-43238
- Dimitrie, V.D. see Shcherbak, V.I. 1-28601
- Dimitrie, V.G., Raevskii, E.V., Rubina, N.M., Rashkovich, L.N., Silichev, O.O., Michichev, A.A. Simultaneous emission at the fundamental frequency and the second harmonic in an active nonlinear medium: neodymium-doped lithium metaniobate 1-1574
- Dimitrie, V.P., Rabin, L.M., Shuvalov, L.A. Hypothetical degenerate structure and low-frequency Raman spectra of sodium trihydrogen selenite 1-11737
- Dimitrie, V.S., Belash, I.T., Smirnov, V.A., Ponyatovskii, E.G. Solid phase transitions in indium iodides at high pressures 1-47227
- Dimitrie, V.S. see Karpinos, D.M. 1-12773
- Dimitrie, Yu.A. see Kulakov, A.V. 1-37397
- Dmitrieva, I.K. On thermodynamic criteria of thermoelectrochemical cycles of water decomposition 1-53419
- Dmitrieva, N.V. see Startseva, I.E. 1-3170
- Dmitriyev, A.K. see Bagayev, S.N. 1-51239
- Dmitruk, M.V., Timoshechkin, M.I., Kirpichenkova, E.O. Crystallization of films of garnet $Er_3Al_5-xGa_xO_{12}$ from a solution in a melt 1-34588
- Dmitruk, N.L. Structure, electron states, and electrophysical properties of gallium arsenide surfaces 1-25789
- Dmitruk, N.L., Kolbasov, G.Ya., Mayeva, O.I., Poludin, V.I. Effect of discontinuous gold films on GaAs-electrolyte contact properties 1-38848
- Dmitruk, N.L., Litovchenko, V.G., Maeva, O.I. Investigation of photoactive surface electron states in gallium arsenide by infrared spectroscopy 1-38833
- Dmitruk, N.L., Zuev, V.A., Litovchenko, V.G. Electrophysical and luminescent properties of implanted GaAs 1-7663
- Dmitruk, N.L. see Borkovskaya, O.Yu. 1-38847
- Dmochowski, J.E., Dobaczewski, L.J. Influence of lateral modes on the first derivative of the I-V characteristic of buried or mesa stripe geometry injection lasers 1-6554
- Dmowski, L. see Filipchenko, A.S. 1-30631
- Dmowski, W., Jagiellinski, T., Walecki, T., Matyja, H. Compositional effects on some physical properties of Fe-Si-B metallic glasses 1-25174
- Dmukhovskaya, I.G., Popovich, V.V. Effect of lead on the fracture of Armo iron 1-31613
- Dneprovskii, V.G. see Deryugin, L.N. 1-35012
- Dneprovskii, V.S. see Boiko, G.A. 1-8104
- Do, Q.H. see Besset, D. 1-10375
- do Carmo, L.C. Scavarda see Scavarda do Carmo, L.C.
- do Carmo, M.C. see Foy, C.P. 1-31127
- Do Dang, G., Raduta, A.A. On the use of Skyrme's interaction in the study of pion-condensed nuclear systems 1-18571
- Do Dang, G. see Ramavartaram, S. 1-23620
- Do Ngoc Ziep Construction of the unitary representations by using K-orbits and quantization 1-33124
- Do Ty Liem Ngia see Ngia Do Ty Liem
- Do Yi-Jing Relation between the Kraut-Kennedy melting law and the Simon fusion equation at high pressures 1-40739
- Doak, P.E. see Jayapalan, R.K. 1-19533
- Doak, R. see Brusdeylins, G. 1-47354
- Doake, C.S.M. Polarization of radio waves in ice sheets 1-36069
- Doan, N.H. see Hua, C.T. 1-13848
- Doan, N.V. see Lam, N.Q. 1-7207
- Doan, T.P. see Caitucoli, F. 1-23700
- Doan, T.P. see Sicre, A. 1-50682
- Doane, J.L., Mazzucato, E., Schmidt, G.L. Plasma density measurements using FM-CW millimeter wave radar techniques 1-51989
- Doane, J.W. see Vaz, N.A.P. 1-15799
- Doany, F.E., Greene, B.I., Hochstrasser, R.M. Excitation energy effects in the photophysics of trans-stilbene in solution 1-10740
- Dobaczewski, L.J. see Dmochowski, J.E. 1-6554
- Dobackin, S.V. see Bernstein, M.L. 1-21493
- Dobbins, L. see Corvoso, S. 1-45054
- Dobbs, C.R., Elhardt, C.E., May, L. Gamma irradiation of radioprotective drugs. I. Levamisole 1-53439
- Dobbs, E.R. see Povey, M.J.W. 1-12377
- Dobecki, T.L. Borehole resistivity curves near spheroidal masses 1-40209
- Dobegom, B. van see van Dobegom, B.
- Dobelis, M.A. Age-related changes in mechanical indices of compact bone tissue 1-13276
- Dobert, R. see Bennett, G.W. 1-32191
- Dobes, F. Stochastic model of anelastic deformation in creep 1-47153
- Dobie, R.A., Norton, S.J. Binaural interaction in human auditory evoked potentials 1-17404
- Dobiklin, B.S. see Batyunkin, A.V. 1-33215
- Dobinson, R.W. see Altkofer, O.C. 1-45773
- Dobinson, R.W. see Aubert, J.J. 1-5630
- Dobkin, S.V., Lappo, G.B., Son, E.E. Optical properties of low-temperature uranium and potassium-uranium plasmas 1-15602
- Doble, N. see Atherton, H.W. 1-14529
- Dobos, K. Room temperature CVD process for preparing boron diffusion sources 1-35181
- Dobos, S. see Burger, H. 1-51203
- Dobosh, P.A. see Ellis, P.D. 1-14934
- Dobosh, P.A. see Shustorovich, E. 1-1145, 1-1146
- Dobrego, V.P., Ermolaev, O.P. Incomplete annealing of radiation defects in germanium 1-20262
- Dobrescu, V. see Paven, H. 1-16827
- Dobretsov, N.L. see Polyanskiy, N.V. 1-13455
- Dobrikov, A.A., Presnyakova, O.V., Zaitsev, V.I., Prisedskii, V.V., Pan'ko, G.F. Investigation of PbTiO₃ crystal lattice defects by transmission electron microscopy 1-20214
- Dobrikov, V.N. see Gass, A.S. 1-690, 1-5763
- Dobrin, A. see Hutano, G. 1-13340
- Dobrodlid, O.A., Pronik, I.I. Multicolor photometry of superassociations in the peculiar galaxy pair NGC 4038/39 1-27610

- Dobrokhotova, V.K.**, Naboikin, Yu.V., Ogurtsova, L.A., Pokrovskaya, F.S., Tiunov, Yu.A. Stimulated emission at forbidden triplet-singlet transitions of doped molecular crystals 1-41712
- Dobromyslov, A.V.** Influence of elastic distortion fields round equiaxial particles on diffuse X-ray scattering 1-42262
- Dobrosavljevic, J.S.**, Pesic, D.S. Measurements of rotational temperatures in the hollow cathode discharge 1-40784
- Dobrosavljevic, L.**, Kulic, M., Radovic, Z. Tricritical point in inhomogeneous superconductors 1-20903
- Dobrott, D.** see Bernard, L.C. 1-15609
- Dobrov, A.V.** see Likhtenshtein, V.I. 1-45035
- Dobrovinskaya, E.R.**, Litvinov, L.A., Pishchik, V.V. Morphology and structural perfection of shaped sapphire 1-2362
- Dobrovinskaya, E.R.**, Litvinov, L.A., Pishchik, V.V. Mechanisms of growth of profiled corundum crystals 1-30107
- Dobrovinskaya, E.R.**, Litvinov, L.A., Pishchik, V.V. Problems in the production and new applications of profiled sapphire 1-31330
- Dobrovinskaya, E.R.**, Zvyagintseva, I.F., Kaplun, L.M., Litvinov, L.A., Pishchik, V.V. Growth of large-diameter sapphire tubes 1-30110
- Dobrovinskaya, E.R.** see Belaya, A.N. 1-30109
- Dobrovinskaya, E.R.** see Timan, B.L. 1-30108
- Dobrovinski, R.Yu.** see Men, A.N. 1-15926
- Dobrovolskaya, N.P.** see Berezin, V.M. 1-37057
- Dobrovolski, I.P.** see Rykalkin, N.N. 1-2801
- Dobrovolski, A.A.** see Sherman, A.B. 1-29829
- Dobrovolski, G.B.** see Kulev, G.V. 1-3794
- Dobrovolski, N.M.** see Alekseevskii, N.E. 1-12236
- Dobrovolski, V.I.**, Kucheryavii, B.P., Pryakhin, V.V. The resistance of die steels to deformation and failure in service 1-35368
- Dobrovolskii, A.R.** Where are the rings of Neptune? 1-22724
- Dobrovolskii, Z.** see Balyas, V. 1-25738
- Dobrowolny, M.** Wave and particle phenomena induced by an electrodynamic tether 1-4745
- Dobrowolny, M.** see Arnold, D.A. 1-32580
- Dobrowolny, M.** see Ferrari, A. 1-36420
- Dobrowolska, W.** see Bukowska-strzyewska, M. 1-25246
- Dobrowolski, J.A.** Versatile computer program for absorbing optical thin film systems 1-37403
- Dobrowolski, J.A.**, Waldorf, A. High-performance thin film polarizer for the UV and visible spectral regions 1-37590
- Dobrowolski, W.** see Jaczynski, M. 1-25617
- Dobryak, D.S.** A particular distribution function of a random variable 1-18160
- Dobrygin, V.** see Burneika, K. 1-43714
- Dobrynin, V.M.**, Kislyakov, V.B., Maslennikov, V.G. Interferometric study of the initial stage of supersonic jets of gases with various specific-heat ratios from conical nozzles 1-24864
- Dobryszynski, J.** see Aguir, H. 1-39756
- Dobryzinski, L.** see Aguilar-Benitez, M. 1-5646, 1-23517
- Dobryzinski, L.** see Loverre, P.F. 1-18511, 1-18512
- Dobson, B.** see King, G.C. 1-10853
- Dobson, F.W.** see Snyder, R.L. 1-49348
- Dobson, J.F.** see Kleinschmidt, K.M. 1-3236
- Dobson, J.F.** see Rose, J.H. 1-47361
- Dobson, M.C.**, Ulabi, F. Microwave backscatter dependence on surface roughness, soil moisture, and soil texture. III. Soil tension 1-35983
- Dobson, P.J.** see Burland, G.N. 1-38694
- Dobson, P.J.** see Harris, J.J. 1-47413
- Dobson, P.J.** see Roberts, S. 1-47391
- Dobson, P.J.** see Shorter, R.S. 1-30006
- Dobson, S.** see Runt, J. 1-7300
- Doechio, F.**, Longoni, A., Fusi, G. Microprocessor-based systems for optical spectroscopy 1-348
- Doechio, F.** see Bottioli, G. 1-35750
- Dochat, G.**, Moynihan, T., Dahr, M. 1-kWe free-piston Stirling engine/linear alternator test program 1-53653
- Dockalek, A.** Signal transmission with light conducting fibres 1-11099
- Doctor, S.R.** see Hildebrand, B.P. 1-11254
- Doda, D.D.**, Green, A.E.S. Surface reflectance measurements in the ultraviolet from an airborne platform. II 1-49272
- Dodd, A.M.** Measuring effectiveness of means for maintaining exposures ALARA 1-18918
- Dodd, B.** β - γ -coincidence counting corrections for decay during long counting periods and for the γ -sensitivity of the β -detector 1-6110
- Dodd, B.** see Jenner, A. 1-48451
- Dodd, B.** see Shiratori, M. 1-15412
- Dodd, G.D.** see Haus, A.G. 1-43988
- Dodd, J.G.** see Boyd, R.W. 1-40870
- Dodd, L.R.** see Sinha Roy, M.N. 1-19216
- Dodd, R.J.**, Ellery, L.A. The young open cluster Ruprecht 55 1-2751
- Dodd, R.J.** see MacGillivray, H.T. 1-4975, 1-17895
- Dodd, R.T.**, Jarosewich, E. Chemical variations among L-group chondrites. I. The Air, Apt and Tourinnes-la-Grosse (L6) chondrites 1-9438
- Doddrell, D.M.** see Barfield, M. 1-41314
- Doddrell, D.M.** see Kleinschmidt, K.M. 1-3236
- Dodds, H.L.** see Bowman, S.M. 1-10426
- Dodds, H.L., Jr.** see Hathout, A.M. 1-45672
- Dodds, J.A.** The porosity and contact points in multicomponent random sphere packings calculated by a simple statistical geometric model 1-14067
- Dodds, J.W.** see Phillips, R.W. 1-37563
- Dodge, C.J.** see Campillo, A.J. 1-8636
- Dodin, A.L.**, Nesvizhskii, M.B. Magnetic lenses with discontinuous fields 1-24347
- Dodin, M.G.** Mathematical model for solvent diffusion in polymer-solvent mixtures 1-20551
- Dodonov, V.V.**, Kurmyshev, E.V., Man'ko, V.I. Generalized uncertainty relation and correlated coherent states 1-104
- Dodonov, V.V.**, Man'ko, V.I., Skarzhinsky, V.D. Nonuniqueness of the Yang-Feldman quantization procedure for the classical equations of motion 1-49976
- Dodonov, V.V.** see Akhundova, E.A. 1-9848
- D'Odorico, S.**, Benvenuti, P., Dennefeld, M., Dopita, M.A., Greve, A. Astrophysical interpretation of the $\lambda\lambda 1200-7300$ Å emission line spectrum of a filament in the Cygnus Loop supernova remnant 1-27584
- Dodson, B.W.**, McMillan, W.L., Mochel, J.M., Dynes, R.C. Metal-insulator transition in disordered germanium-gold alloys 1-34754
- Dodson, W.J.** see Isakari, H.H. 1-28743
- Dodwell, P.C.** see Caelli, T.M. 1-39929
- Doe, T.** see Witherspoon, A.B. 1-806
- Doel, R.V.D.** see Wolter, J. 1-37777
- Doenitz, F.-D.**, Vogel, W. The crystallization mechanism in high strength glass-ceramics 1-34240
- Doering, J.P.**, McDiarmid, R. Electron impact study of the energy levels of trans-1,3-butadiene. II. Detailed analysis of valence and Rydberg transitions 1-15022
- Doering, J.P.** see Lee, J.S. 1-9319, 1-9320
- Doering, J.P.** see McDiarmid, R. 1-24105
- Doering, J.P.** see Zanetti, L.J. 1-13644
- Doering, O.C.** see Ayers, D.L. 1-35687
- Doering, R.R.** see Cordell, K.R. 1-50596
- Doern, F.E.** see Wikjord, A.G. 1-16951
- Doernberg, A.** see Abilock, H. 1-39719
- Doerner, R.C.**, Bauer, T.H., Wright, A.E. In-pile MFCL test of carbide fuel, TREAT test AX1 1-10481
- Doerr, H.J.** see Bunshar, R.F. 1-16721
- Doesburg, W.** van see van Doesburg, W.
- Doetschman, D.C.**, Fierstein, E.S., Michaelis, J., Desantolo, A.M., Utterback, S.G. Electron spin echo modulation of triplet methylenes by nitrogen photochemical by-product 1-6289
- Doetschman, D.C.**, Fish, J.L., Lechtken, P., Negus, D. The phosphorescent decay of the excited triplet sublevels in ketones generated by the photolysis of substituted 1,2-dioxetanes 1-1267
- Doezema, R.E.**, Nealon, M., Whitmore, S. Hybrid quantum oscillations in a surface space-charge layer 1-16381
- Doge, G.** see Yarwood, J. 1-33463
- Dogel, V.A.**, Kovalenko, V.M., Prishchep, V.L. Cosmic-ray electrons in the diffusion-convection model of particles propagation 1-22643
- Dogel, V.A.** see Bulanov, S.V. 1-36119
- Doggett, J.N.**, Damm, C.C., Hanson, C.L. The tandem mirror next step—remote maintenance 1-50938
- Dogonadze, R.R.**, Marsagishvili, T.A. Electrodynamic of electrochemical systems: Application to IR and optical transitions in systems containing impurities 1-35549
- Dogonadze, R.R.** see German, E.D. 1-21694
- Doguyut, I.V.** see Khodyachik, A.F. 1-10379
- Dohara, N.** The flow and heat transfer between a torsionally oscillating and a stationary disk 1-29709
- Doherty, C.J.** see Leamy, H.J. 1-39251
- Doherty, E.T.** see Murray, T. 1-4297
- Doherty, R.D.** see Apaydin, N. 1-31451
- Doherty, S.P.**, Martin, J.J., Armington, A.F., Brown, R.N. The effects of irradiation and electrodiffusion on the sodium acoustic loss peak in synthetic quartz 1-2565
- Doherty, S.P.** see Martin, J.J. 1-16098
- Doherty, V.J.**, Shafer, D. Simple method of correcting the aberrations of a beamsplitter in converging light 1-46535
- Dohler, G.H.** Electron-hole subbands at the GaSb-InAs interface 1-7722
- Dohler, G.H.**, Dandoloff, R., Bilz, H. A topological-general model of amorphycity 1-30057
- Dohler, G.H.**, Ploog, K. Periodic doping structure in GaAs 1-2849
- Dohm, V.**, Folk, R. Nonasymptotic critical dynamics near the superfluid transition in ^4He 1-25519
- Dohm, V.**, Folk, R. Nonlinear dynamic renormalization-group analysis above and below the superfluid transition in ^4He 1-38606
- Doi, A.** Low-temperature depolarization peaks in alkali silicate glass 1-21117
- Doi, A.**, Day, D.E. Thermally stimulated polarization current in sodium germanate glass 1-30742
- Doi, A.** see Hirao, M. 1-1585
- Doi, K.** Geo-scientific considerations on evaluation of possible sites for radioactive waste isolation in Japan 1-33304
- Doi, K.** see Chen, C.S. 1-26988
- Doi, K.** see Ishikawa, S. 1-11153, 1-33828
- Doi, K.** see Vyborny, C.J. 1-22123, 1-40916
- Doi, K.** see Yamada, N. 1-45700
- Doi, M.** Molecular rheology of concentrated polymer systems. I 1-8360
- Doi, M.** Stress relaxation of polymeric liquids after double step strain 1-37862
- Doi, M.** Rheological properties of rodlike polymers in isotropic and liquid crystalline phases 1-38243
- Doi, M.** A constitutive equation derived from the model of Doi and Edwards for concentrated polymer solutions and polymer melts 1-42074
- Doi, M.**, Imura, T. In situ HVEM studies on the effects of electron-irradiation on the thermal stability of Ni-based amorphous alloys 1-25170
- Doi, M.**, Kambe, R., Imamura, T., Taniuti, T. An exact Gaussian solution for the two-dimensional ideal incompressible magnetohydrodynamic turbulence 1-6897
- Doi, T.**, Ohnishi, H., Ieyasu, K., Hamakawa, Y. Bright DC electroluminescence in ZnSe-ZnS:Mn thin films 1-3494
- Doi, T.** see Kuwano, N. 1-15910
- Doi, T.** see Shimizu, M. 1-19203
- Doi, Y.**, Ueki, S., Keii, T. Chain transfer induced by molecular hydrogen in the 'living' polymerization of propene with soluble $V(\text{acac})_3/\text{Al}(\text{C}_2\text{H}_5)_2\text{Cl}$ 1-48677
- Doi, Y.** see Okuda, S. 1-34161
- Doige, A.G.** see To, C.W.S. 1-24620
- Doiron, D.J.** see Fix, J.D. 1-9568
- Doiron, D.R.**, Profio, A.E. Laser fluorescence bronchoscopy for early lung cancer localization 1-35872
- Doiron, T.**, Gestrich, D., Meyer, H. Sound propagation in ^3He - ^4He mixtures near the liquid-vapor critical point 1-11949
- Dokashenko, V.P.**, Matyushkin, E.V. On magnon generation in antiferromagnets with intensive optical pumping 1-31130
- Doke, T.** Position sensitive detectors for ionizing radiation and its application to science and engineering 1-28812
- Doke, T.** see Asano, Y. 1-1022
- Doke, T.** see Hayashi, T. 1-1021
- Doke, T.** see Hitachi, A. 1-1348, 1-1349
- Doke, T.** see Masuda, K. 1-1027
- Doke, T.** see Takahashi, T. 1-21269
- Dokko, W.**, Bautista, R.G. The high temperature heat content and heat capacity of liquid cerium-copper alloys by levitation calorimetry 1-11877
- Dokoukine, V.S.** see Cambou, F. 1-44403
- Doktorov, E.V.** Prolongation structure without prolongation 1-18036
- Doktorovich, E.L.** see Babei, Yu.I. 1-2673
- Dokuchaev, A.B.**, Tonkov, M.V. Determination of the form of the edges of the vibrational-rotational lines of the ν_3 band of carbon dioxide 1-33511
- Dokuchaev, V.I.** The form and orientation of the radio source SGR A West 1-49841
- Dokuchaev, V.I.**, Ozernoi, L.M. Formation and hardening of hard binaries in stellar systems 1-54573
- Dokuchaev, V.I.** see Berlin, A.B. 1-17898
- Dokukin, V.S.** see Charles, G. 1-44377
- Dokurno, W.** see Bielski, A. 1-37156
- Dolan, E.** see Fajer, J. 1-53575
- Dolan, L.** Hidden symmetry in Yang-Mills theory: a path-dependent gauge transformation 1-23446
- Dolan, L.**, Roos, A. Nonlocal currents as Noether currents 1-10083
- Dolan, T.J.** Gas emission from chamber walls 1-2147
- Dolbilkin, B.S.**, Kondrat'ev, R.L., Koretskii, V.P. Magnetic-characteristic measurement with a magic-angle spectrometer 1-51029
- Dolbilkin, B.S.** see Batyunin, A.V. 1-40894
- Dolce, S.R.** see McMurtry, W.M. 1-14119
- Dold, M.** see Blattmann, K.H. 1-1343
- Dolder, K.**, Hogan, J.T. Atomic and molecular physics processes in magnetic-fusion research 1-6985
- Dolejsi, J.** Baryon resonances in the deuteron 1-45436
- Dolenko, A.V.** see Shamov, A.I. 1-32560
- Dolenko, G.N.** see Mazalov, L.N. 1-33390
- Doleschall, P.** see Correll, F.D. 1-45513
- Dolezal, F.A.** see Hill, R.A. 1-41734
- Dolezal, J.** see Jozefini, P. 1-39400
- Dolezal, H.A.** see Ananjev, V.D. 1-28690
- Dolfner, J.** see Armstrong, T. 1-10606

- Dolganov, V.K., Kroo, N., Rosta, L., Sheka, E.F. Ordered and disordered states of DOBHO. Raman scattering and neutron diffraction 1-52064
- Dolgii, N.I. see Gorovoi, V.A. 1-21377
- Dolgikh, V.A. see Demina, L.A. 1-53063
- Dolgikh, Yu.K. see Bonch-Bruевич, V.A. 1-37510
- Dolginov, A.Z. Generation of cosmic rays in binary star systems 1-36120
- Dolginov, A.Z., Urpin, V.A. The spontaneous development of a magnetic field in a degenerate white dwarf core 1-13772
- Dolginov, L.M. see Bezotosnyi, V.V. 1-46390
- Dolgoplov, V.T. Nonlinear effects in metals under anomalous-skin conditions 1-7652
- Dolgoplov, V.T. see Murzin, S.S. 1-34725
- Dolgoplov, Yu.A. Special functions for investigating some nonstationary electromagnetic fields 1-40062
- Dolgov, A.A., Messinev, M.Yu. Thermodynamics of a solid shock compressed at low temperatures 1-11813
- Dolgov, A.D. Kinetics of the origin of the baryon asymmetry of the Universe 1-40588
- Dolgov, A.D. Massless particle creation by a conformally-plane gravitational field 1-40698
- Dolgov, A.D., Eletskii, V.L., Popov, V.S. A new approach to perturbation theory for a discrete spectrum (anharmonic oscillator) 1-23053
- Dolgov, A.D., Zeldovich, Ya.B. Cosmology and elementary particles 1-40586
- Dolgov, E.N. see Gor'kov, L.P. 1-42750
- Dolgov, O.V., Kirzhnits, D.A., Maksimov, E.G. On an admissible sign of the static dielectric function of matter 1-38737
- Dolgov, V.M. see Gol'tsev, V.P. 1-18734
- Dolidze, M.V. Peculiarities of local spiral arm features of the Galaxy 1-32764
- Dolin, L.S. Equation for the field energy density of a wave beam 1-29216
- Dolino, G., Vallade, M. Study of the pressure induced multicritical point of NH_4Cl by second harmonic generation of light 1-38504
- Dolinskii, A.N. see Shtin, A.P. 1-52077
- Dolinskii, I.M. New method of structural analysis for optical instrument mechanisms 1-41811
- d'Oliveira, A.B. see Gerck, E. 1-49987
- Doljikov, V.S. see Bagratashvili, V.N. 1-51213
- Doll, D.W., Kamperschroer, J.M., Vander Arend, P. Doublet III neutral beam injector test tank cryopanel design 1-6018
- Doll, J.D. A unified theory of dissociation 1-8555
- Doll, J.D. Monte Carlo sampling techniques and the evaluation of unimolecular rate constants 1-46187
- Doll, J.D. see Adams, J.E. 1-2538, 1-47368, 1-47382
- Doll, J.D. see Brady, J.W. 1-6418, 1-46186
- Doll, P. see Bini, M. 1-14541
- Doll, P. see Breuer, H. 1-14445
- Doll, R. Radiation hazards: 25 years of collaborative research. Sylvanus Thompson Memorial Lecture, April 1980 1-44687
- Dolla, J.-P. Transmission anomalies in a periodic layered medium 1-23024
- Dolla, J.-P. see de Bazelaire, E. 1-18031
- Dolle, H., Hauk, V. Lattice strains in coarse grain cubic materials 1-25198
- Dolle, H. see Cohen, J.B. 1-27967
- Dollfus, A. Determination of the orbital elements of Janus, the tenth satellite of Saturn 1-44484
- Dollfus, A., Cailleux, A., Cervelle, B., Chon Trung Hua, Mandevilles, J.C. Reflectance spectrophotometry extended to UV for terrestrial, lunar and meteoritic samples 1-22520
- Dollfus-Samson, D. see Touraine, A. 1-27013
- Dollimore, D. see Davies, L. 1-11447
- Dolling, G. see Brown, R.J.C. 1-15839
- Dolling, G. see Nieman, H.F. 1-14717
- Dolling, G. see Pawley, G.S. 1-47178
- Dolling, G. see Powell, B.M. 1-7093, 1-34430
- Dollinger, R., Dettman, D.R., Lee, J.L., Gilmour, A.S., Jr., Malone, D.P., Schwartz, P.R. Anode sheath growth and collapse in a hollow-anode vacuum arc 1-34146
- Dollinger, R. see Scheffler, C.P. 1-38196
- Dollingher, L. see Barna, S. 1-51578
- Dolmatov, V.K. see Amus'ya, M.Ya. 1-24951
- Dolotenko, M.I. see Druzhinin, V.V. 1-26041
- Dolotenko, M.I. see Pavlovskii, A.I. 1-33026
- Dolph, C.L., Cho, S.K. On the relationship between the singularity expansion method and the mathematical theory of scattering 1-29181
- Dolph, C.L. see Ramm, A.G. 1-18053
- Dolphin, G.W. Estimation of risks to humans following intake of plutonium 1-53834
- Doltsinis, J.St. see Argyris, J.H. 1-1848, 1-24690, 1-41951
- Dolzanskii, Yu.M., Postnikov, N.S., Pobezhimov, P.P. Optimizing the composition of cast Al-Mg-Zn alloys 1-3849
- Dolzanskii, Yu.M. see Alyab'ev, A.Ya. 1-31752
- Dolzanskii, Yu.M. see Kolobnev, N.I. 1-48391
- Dolzanskii, Yu.M. see Moiseev, V.N. 1-16791
- Dolzhenko, V.F. see Levikov, A.A. 1-45091
- Domack, E.W. see Anderson, J.B. 1-27148
- Domain, F., Citeau, J., Noel, J. Sea surface temperatures studied by METEOSAT data along the coast of Senegal and Mauritania 1-27320
- Domalanov, B. see Deputa, B. 1-50199
- Doman, D.R., Barker, R.E., Kee, R.W., Fink, N.S., Carignan, D.C., Wash, W.G., Burton, J.H., Patti, F.J., Jelatis, D.G., Slatery, E.F., Hill, A.J., Watson, C.D., Jenkins, C.E. Design guides for radioactive material handling facilities and equipment 1-50874
- Domann, G. see Nagele, W. 1-12298
- Domano, M.S. see Pechenin, Yu.V. 1-51448
- Domante, G.S. see Rybalko, A.V. 1-43594
- Domantas, H.M., Sha, W.T. Simulation of the CRBR upper plenum under thermal stratification conditions 1-28542
- Domantas, H.M., Shah, V.L., Sha, W.T. Applications of the COMMIX code using the porous medium formulation 1-23723
- Domantas, H.M. see Bartizis, J.G. 1-45588
- Domantas, H.M. see Chen, M.J. 1-50889
- Domany, E., Mukamel, D., Schwimmer, A. Phase diagram of the $Z(5)$ model on a square lattice 1-5237
- Domany, E. see Bak, P. 1-42537
- Domashev, E.D. see Tolubinskii, V.I. 1-1810
- Domashevskaya, E.P., Yurakov, Yu.A., Andreeshchev, V.M., Karal'nik, S.M. X-ray spectra of valence electrons in bulk and film nickel silicides 1-39185
- Domashevskaya, E.P. see Kurganskii, S.I. 1-25629
- Domashevskaya, E.P. see Kurganskii, S.L. 1-34623
- Domashnev, I.A., Troitskii, V.N., Rezhikova, T.V. Superconductivity of phases in the system vanadium-nitrogen 1-34819
- Domb, C. Averages in restricted random walks 1-27888
- Domb, C., Stoll, E., Schneider, T. Percolation clusters 1-18161
- Dombeck, T., Vanhoy, J. A study of the bubble formation mechanism in a hydrogen bubble chamber using electron and positron tracks 1-23948
- Dombeck, T. see Hanlon, J. 1-18464
- Dombeck, T. see Kitagaki, T. 1-18467
- Dombrady, Z., Gujas, J., Zsolnay, L., Krasznahorkay, A., Fenyes, T. Investigation of excited states of ^{96}Nb in the $^{96}\text{Zr}(p,n)^{96}\text{Nb}$ reaction 1-45424
- Dombravskii, L.A. Radiative-convective heat transfer in an optically thin boundary layer near the leading edge of a flat plate. Effect of blowing 1-15487
- Dombravskii, V.P. see Stroikovskii, A.K. 1-51041
- Dombravskii, Yu.M. see Pustovoi, V.N. 1-16752
- Dombravskii, H. see Schwiager, H. 1-1847
- Domcke, W., Cederbaum, L.S. On the interpretation of low-energy electron-HCl scattering phenomena 1-29126
- Domcke, W. see Cederbaum, L.S. 1-7569
- Domcke, W. see Haller, E. 1-37133
- Domcke, W. see Koppel, H. 1-19041
- Domcke, W. see Unwin, R. 1-33500
- Dome, G.J., Moore, R.K., Birrer, L.J., Van Sickle, K. Use of a satellite multi-frequency radiometer to determine attenuation suffered by a satellite radar 1-36088
- Domencano, A. see Schultz, G. 1-10842
- Domens, P. see Lumbreiras-Ginter, M. 1-13133
- Dominey, R.N. see Bocarsly, A.R. 1-7729
- Domingo, C., Montero, S. Raman intensities of sulphur $\alpha\text{-S}_8$ 1-48055
- Domingo, J. see Gabathuler, K. 1-23681
- Domingo, L. see Carbo, R. 1-24020
- Domingues, L.P. see Negas, T. 1-16745
- Dominguez, R.R. see Rosenberg, M. 1-11552
- Dominguez-Tenreiro, R. Upper limits on the Hubble modulus anisotropy provided by cosmic-microwave background observations 1-40579
- Dominić, D., Gomis, J., Lobo, J.A., Pons, J.M. Two-body relativistic models 1-49939
- Dominić, C.de see de Dominić, C.
- Dominić, J. see Muller, G. 1-48932
- Domke, B. see Lange, H. 1-8486
- Domkin, V.D. see Belyaev, B.N. 1-18692
- Dommanget, J. On the nature of the orbit of a visual binary computed from three fundamental positions and the areal constant 1-49722
- Dommasch, W. Solution to stellarator boundary value problems with a new set of simple toroidal harmonic functions 1-51980
- Dommlen, L.L. Van see Van Dommlen, L.L.
- Domnin, S.L., Efanov, V.A., Korsenskij, V.A., Moiseev, I.G., Nesterov, N.S. Structure of a local source on the Sun obtained from the eclipse observations with the 22-meter radio telescope in the integral and circular-polarized light on 1.35 cm 1-17809
- Domnin, Y.S., Kosheljaevskiy, N.B., Tatarenkov, V.M., Shumjatsky, P.S. Precise frequency measurements in submillimeter and infrared region 1-36632
- Domogatskii, A.P. see Shtremel', M.A. 1-31497
- Domokos, G., Goldman, J.I. Quark-matter diagnostics 1-45220
- Domokos, G. see Casalbuoni, R. 1-45226
- Domolki, F. see Csanady, A. 1-21813
- Domoto, G.A. see Wood, B.D. 1-23794
- Domrachev, G.A. see Kutryeva, V.V. 1-16694
- Domrachev, V.E., Paskal', Yu.I., Pudan, L.Ya. Calculation of binodals and spinodals of binary solid solution with plane triangular and FCC lattices 1-20406
- Domrachev, V.G. Theoretical foundations in designing systems for evaluating and maintaining the quality of digital angle transducers 1-18212
- Domtschke, P., Ringel, F., Springer, R. The BMG 160 pattern width measuring instrument - a variant of the model E projection microscope for pattern width measurements 1-23304
- Don, E. Thin film solar cells 1-21878
- Don, M. see Eggermont, J.J. 1-32141
- Donachy, J.H. see Landis, D.L. 1-35916
- Donadille, C., Essadiki, L., Pernot, M., Penelle, R., Lacombe, P. Investigation by high voltage electron microscopy of the microstructural evolution of a 316 L stainless steel during monotonic and/or cyclic uniaxial loading at room temperature 1-26577
- Donaghy, F. see Sabine, P.V.H. 1-19442
- Donaghy, M. see Harris, L.R. 1-17388
- Donaboe, T.M., Longini, R.L. Noninvasive measurement of net oxygen transport: a feasibility study 1-13345
- Donahue, F.M., Wong, K.L.M., Bhalla, R. Kinetics of electroless copper plating. IV. Empirical rate law for $\text{H}_2\text{CO-EDTA}$ baths 1-31368
- Donahue, T.M. see Meriwether, J.W., Jr. 1-36090
- Donald, see Armstrong 1-10254
- Donald, I.W., Davies, H.A. The influence of transition metal substitutions on the formation, stability and hardness of some Fe- and Ni-based metallic glasses 1-11687
- Donald, I.W., Davies, H.A. The influence of composition on the formation and stability of Ni-Si-B metallic glasses 1-20365
- Donald, I.W., Davies, H.A. The formation and stabilities of Fe-, Ni- and Co-based metallic glasses 1-26420
- Donald, I.W., Davies, H.A. Ni-Si-B metallic glasses with high metalloid contents 1-31437
- Donald, I.W. see Kemeny, T. 1-34881
- Donald, R.A. see Costa, G. 1-23516
- Donald, R.A. see Di Gennaro, V. 1-5660
- Donald, R.A. see Evangelista, C. 1-23515, 1-45354
- Donaldson, C.J. see Gottesman, S.R. 1-10260
- Donaldson, E.E. see Dickinson, J.T. 1-12872
- Donaldson, G.B., Faghihi-Nejad, H. An ellipsometric study of the RF sputter oxidation of lead-indium alloys 1-7777
- Donaldson, I.S. see Fitzpatrick, J.A. 1-29659
- Donaldson, J.D. see Tricker, M.J. 1-52873
- Donangelo, R. see Hussein, M.S. 1-45490
- Donas, J. see Hua, C.T. 1-13848
- Donat, A. Precision coordinate detector for high energy elementary particles 1-18956
- Donat, A. see Deiters, K. 1-51044
- Donat, G. Hydrogen use, storage and transportation. General background and achievements of this task 1-43823
- Donath, A. see Jeavons, A. 1-14732
- Donath, F.A., Stehli, F.G., Wetherill, G.W. (editor) Annual review of Earth and planetary sciences, vol.8 1-9790
- Donati, A., Garcin, J., Fortunato, M. Build-up of molten fuel pools inside a plugged subassembly 1-5873
- Donati, J.R., Guttman, D., Menard, A. Study of the embrittlement and relaxation of steel 28 CDV 5.08 for high-temperature steam turbine bolts: influence of structure and stress 1-48495
- Donati Falchi, A., Felli, M., Tofani, G. A H167 α line map of the extended H II region S 252 (NGC 2175) 1-9627
- Donato, A., Fusco, D. Some applications of the Riemann method to electromagnetic wave propagation in nonlinear media 1-41546
- Donato, J.W. see Heinrich, J.P. 1-50926
- Donals, R.A. see Dickson, P.W. 1-14586-
- Doncel, M.G. see Del Aguilera, F. 1-18474
- Dondi, G. European industrial consortia for space projects - their origins, development and possible evolution 1-32595
- Dondi, P.H., Jarvis, P.D. Diagram and superfield techniques in the classical superalgebras 1-45151
- Dondos, A., Staikos, G. Treatment of high molecular weight wormlike polymers as random coiled polymers 1-51325
- Dondos, A. see Izumi, Y. 1-52274
- Donea, J., Giuliani, S. The computer code CON-DIF (release 1) for transient convective-conductive heat transfer. I. Finite element modelling 1-29511
- Donea, J., Giuliani, S., Laval, H. Explicit finite element solution to transient convective-conductive heat transfer problems 1-19718
- Donea, J., Giuliani, S., Quartapelle, L. Finite element solution to transient convective-conductive heat transfer problems 1-24781

- Donce, J.**, Giuliani, S. The computer code CON-DIF (release 1) for transient convective-conductive heat transfer. II. Users manual 1-29512
- Doner, J.F.** see Lappin, J.S. 1-26906
- Donets, A.M.** see Postnikov, V.S. 1-3158
- Donetskikh, V.I.** see Sobolev, V.V. 1-52965
- Donev, S.G.** On the equivalence of the Noether current for the classical Klein-Gordon equation 1-33090
- Dong, D.W.** see DiMaria, D.J. 1-7632
- Dong, D.W.** see Gibson, J.M. 1-34591
- Dong, D.W.** see Irene, E.A. 1-30581
- Dong, R.Y., Lewis, J., Tomchuk, E., Wade, C.G., Bock, E.** Deuterium NMR study of molecular order and conformation in the nematic phase of p-azoxyanisole 1-43020
- Dong, S.B.** see Oliver, W.A. 1-37676
- Dong Chai Hi** see Hi Dong Chai
- Dong Fang-Xiao, Zhou Xian-Jian, Huang Tao, Xue Pei-Yu** The time-dependences of the static solution of SU(2) and SU(3) gauge theory at the presence of static extended source 1-45146
- Dong Fang-Xiao** see Ma Zhong-Qi 1-45272
- Dong Hong Su** see Su Dong Hong
- Dong Hyung Lee, Joung Soo Kim** Planar anisotropy in tensile properties of aluminum and 2024-T4 aluminum alloy 1-12799
- Dong Ke-qin, Li Zeng-zhong** A study of the effect of the Earth's surface relief of Hainan Island on the passing-by typhoon 1-54219
- Dong Nyung Lee** see Young Ho Kim 1-35272
- Dong Oh Ki** see Ki Dong Oh
- Dong Sung Ma** see Mohr, R.K. 1-51613
- Dong Tai-qian** Reduction of light shift in ^{87}Rb frequency standard using pulse sampling optical detection method 1-50107
- Dong Xian-quan, Yu Zhong-min, Li Wen-long** J_0 ratio method for measurement of small vibration amplitudes 1-23183
- Dong Yu-lan** see Wei Cheng-lian 1-20281
- Dong-Hi Lee** see Young Ho Kim 1-16714
- Dong-Jie Li** see Li Dong-Jie
- Dong-Ping Wang** Diffraction of continental shelf waves by irregular alongshore geometry 1-54117
- Dong-sheng Guo** see Guo Dong-sheng
- Dong-sheng Li** see Li Dong-sheng
- Dongpei, Z.** Zeros in scattering amplitudes and the structure of non-Abelian gauge theories 1-14255
- Dongpei Zhu** see Zhu Dongpei
- Donguy, J.R., Henin, C.** Surface conditions in the eastern equatorial Pacific related to the intertropical convergence zone of the winds 1-49279
- Dongyuan, L.** see Wenxiu, C. 1-13327
- Doni, E., Girlanda, R., Resca, L.** Equivalence between the overlap reduced semiempirical tight binding and the chemical pseudopotential methods in band structure calculations: a new simple approach to wave-function localization in crystals 1-47430
- Doniach, S.** see Garel, T. 1-20994
- Doniach, S.** see Kutzler, F.W. 1-1104
- Doniach, S.** see Lyc, R.C. 1-53759
- Doniach, S.** see Natoli, C.R. 1-1429
- Doniach, S.** see Oh, S.-J. 1-48224
- Donida, G., Mezzi, G., Peano, A.** CHILES T—a new version of program CHILES for fracture mechanics computations including thermal and body force effects 1-33331
- Donitz, W.** see Wahl, J. 1-43678
- Donkal, M.** see Tanaka, T. 1-33584
- Donn, W.L., Ninkovich, D.** Rate of Cenozoic explosion volcanism in the North Atlantic ocean inferred from deep sea cores 1-22304
- Donnachie, A., Landschoff, P.V.** Scaling violation: Higher twist or QCD? 1-559
- Donnachie, A., Vourdas, A.** Central photoproduction of J/ψ and T as a test of QCD 1-45320
- Donnachie, A.** see Aston, D. 1-45297, 1-50442
- Donnadieu, G.** Comparison of results obtained with the VIDIAZ spectropluviometer and the Joss-Waldvogel rainfall disdrometer in a 'rain of a thundery type' 1-22528
- Donnay, G.** Suggestions for a quantitative evaluation of powder patterns 1-29964
- Donne, K.E.** Theoretical study of ionization growth in gases in non-uniform electric fields 1-46946
- Donne, K.E.** see Davies, A.J. 1-20011
- Donne, M.Dalle** see Dalle Donne, M.
- Donnel, C.P.** see Puglisi, V.J. 1-53589
- Donnelly, H.** see Hajnal, F. 1-28737
- Donnelly, J.P., Ferrante, G.A.** The electrical characteristics of InP implanted with the column IV elements 1-12113
- Donnelly, J.P., Hurwitz, C.E.** The effect of implant temperature on the electrical characteristics of ion implanted indium phosphide 1-7196
- Donnelly, J.P.** see Walpole, J.N. 1-46343
- Donnelly, K.** see Wilson, R. 1-28722
- Donnelly, K.E.** see Kernahan, J.A. 1-1153
- Donnelly, M.S.** Progress and problems in environmental controls with special reference to the Great Lakes 1-17325
- Donnelly, R.A., Simons, J.** Complex coordinate rotation of the electron propagator 1-6182
- Donnelly, S.E., Rife, J.C., Gilles, J.M., Lucas, A.A.** Optical measurements of the density of helium in small bubbles in aluminium films 1-23314
- Donnelly, T.W., Gokalp, A.** Configuration mixing and elastic magnetic electron scattering from nuclei 1-50588
- Donnelly, T.W.** see Avignone, F.T. 1-36921
- Donnelly, V.M., Flamm, D.L.** Studies of chemiluminescence accompanying fluorine atom etching of silicon 1-16615
- Donnelly, W.H.** INFCE and US nonproliferation policy 1-50756
- Donner, F.** Portable two channel magnetic tape data store (for geophysical field work) 1-22498
- Donnet, J.B.** see Ritty, B. 1-14141
- Donoghue, J.F.** Quark-vacuum scattering 1-10158
- Donoghue, J.F.** Dynamics of light hadrons—mostly glueballs 1-45201
- Donoghue, J.F., Golowich, E., Holstein, B.R., Ponce, W.A.** Compendium of bag-model matrix elements of the weak nonleptonic Hamiltonian 1-50395
- Donoghue, J.F., Johnson, K., Bing An Li** Low mass glueballs in the meson spectrum 1-50383
- Donoghue, O.** see Warner, B. 1-4999
- Donohue, J.P.** see Sturmiolo, D. 1-28745
- Donolato, C.** Quantitative properties of SEM-EBIC images of stacking faults in silicon 1-47096
- Donon, V.I.** Broadening of ionic lines observed along the axis of a high-current discharge of an argon laser 1-46297
- Donoso, J.P.** see Barberis, G.E. 1-26032
- Donovan, P.E., Stobbs, W.M.** Observations on deformed electrolytically deposited Ni_3P 1-11677
- Donovan, R.J., Fotakis, C., Martin, M., Rae, A.G.A.** Ultraviolet laser multiphoton excitation of small molecules 1-29068
- Donovan, T.M., Temple, P.A., Shiu-Chin Wu, Tombrillo, T.A.** The relative importance of interface and volume absorption by water in evaporated films 1-31219
- Donoyer, F.** see Schneek, J. 1-34472
- Donskaya, T.D.** see Khodakovskaya, R.Ya. 1-52829
- Donskol, D.M., Sutin, A.M.** Sound scattering due to nonlinearity of the medium 1-15305
- Donskol, E.S.** see Fedorova, V.A. 1-12895
- Donskov, S.V.** see Davidov, V.A. 1-1023
- Dontsov, Yu.P.** see Bogdanov, V.S. 1-335
- Dontsova, L.I.** see Tikhomirova, N.A. 1-21150, 1-26146
- Dool, H.M.** van den see van den Dool, H.M.
- Dooling, T.R., Zediker, M., Anderson, J., Nagalingam, S., Miley, G.H.** Pressure studies of $\text{O}_2(^1\Delta)$ production in electrical discharges 1-38190
- Doorn, A.J.** van see Van Doorn, A.J.
- Doorn, C.F.** van see Van Doorn, C.F.
- Doorn, M.** Van see Van Doorn, M.
- Doornbos, D.J.** The effect of a second-order velocity discontinuity on elastic waves near their turning point 1-35944
- Doornbos, J.** see Oram, C.J. 1-37041
- Doose, L.R.** see Tomasko, M.G. 1-40404
- Dooson, M., Sargent, J.P., Wostenholm, G.H., Yates, B.** Time- and temperature-dependent effects in the thermal expansion characteristics of carbon fibre-reinforced plastics 1-7358
- Dop, H.** Van see Van Dop, H.
- Dopel, E.** see Dietel, W. 1-24441
- Dopita, M.A.** see D'Odorico, S. 1-27584
- Dopita, M.A.** see Mathewson, D.S. 1-49770
- Dopkke, K., Novack, D., Wang, C.C.** Physical considerations in the treatment of advanced carcinomas of the larynx and pyriform sinuses using 10 MV X-rays 1-35882
- Doralswamy, L.K.** see Balaraman, K.S. 1-29793
- Doran, M.** see Van Dam, H. 1-6315, 1-6316
- Doran, M.** see Wood, C. 1-41303
- Doran, T.C.** see Rosehart, R.G. 1-4210
- Dorda, G., Gesch, H., Eisele, I.** Anomalous behaviour of the electron transport on (110) and (111) silicon surfaces 1-12202
- Dorda, G.** see Englert, Th. 1-12205
- Dordain, J.J.** Steady-state and unsteady liquid flow-rate measurements: characteristics and performance of the ONERA ultrasonic flowmeter 1-29817
- Dordor, P., Marquestaut, E., Villeneuve, G.** Method of measuring thermoelectric power of very resistive samples between 4 and 300K 1-7647
- Dordor, P.** see Doumerc, J.P. 1-12156
- Dordor, P.** see Leger, J.M. 1-34731
- D'orday, V.S., Peresh, E.Yu., Voroshilov, Yu.V., Sivka, V.Yu.** Raman scattering spectra of TiPbI₃ single crystals 1-26212
- Dore, J.C.** see Gibson, I.P. 1-42826
- Dore, R.** see Drouin, G. 1-22165
- Doreau, M., Robert, G.** Electrical conductivity of mixed glasses $\text{LiPO}_3\text{-ZnCl}_2$ and $\text{LiPO}_3\text{-AlCl}_3$: structural approach 1-20451
- Dorel, J.** see Eschenbrenner, S. 1-4480
- Doremieux, J.L., Langeron, J.P.** Effects of electrical breaking arc on the microstructure of contacts made of blend materials 1-15676
- Doremus, R.H.** Infrared spectroscopy of surfaces of glasses containing alkali ions 1-21190
- Doremus, R.H.** Fatigue in soda-lime silica glass: influence of surface treatment 1-31596
- Doren, T.** Van see Van Doren, T.
- Doren, V.E.** Van see Van Doren, V.E.
- Doren, V.E.** Van see Van Doren, V.E.
- Dorenbosch, J.** see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Dorenbosch, J.** see Dorfan, J.M. 1-41020
- Dorenbosch, J.** see Himel, T.M. 1-18482
- Dorenbosch, J.** see Scharre, D.L. 1-18485, 1-45292
- Dorfan, J.M., Blocker, C.A., Abrams, G.S., Alam, M.S., Boyarski, A.M., Breidenbach, M., Burke, D.L., Carithers, W.C., Chinowsky, W., Coles, M.W., Cooper, S., Dieterle, W.E., Dillon, J.B., Dorenbosch, J., Eaton, M.W., Feldman, G.J., Franklin, M.E.B., Gidal, G., Goldhaber, G., Hanson, G., Hayes, K.G., Himel, T., Hiltin, D.G., Hollebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Larsen, R.R., Luth, V., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.E., Perl, M.L., Richter, B., Rousseau, A., Scharre, D.L., Schindler, R.H., Schwitters, R.F., Siegrist, J.L., Strait, J., Taureg, H., Tonutti, M., Trilling, G.H., Vella, E.N., Vidal, R.A., Videau, I., Weiss, J.M., Zacone, H.** Measurement of the branching fraction for the Cabibbo-suppressed decay $\tau^- \rightarrow K^* (892)^- \mu^-$ 1-41020
- Dorfan, J.M.** see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Dorfan, J.M.** see Himel, T.M. 1-18482
- Dorfan, J.M.** see Scharre, D.L. 1-18485, 1-45292
- Dorfman, J.R.** see van Beijeren, H. 1-24844, 1-37971
- Dorfman, M., Clayton, C.R., Herman, H.** The cavitation behavior of rolled and sintered flame-sprayed atomic coatings 1-21646
- Dorfman, S.D., Meredith, C.M.** The Pioneer Venus spacecraft program 1-27357
- Dorfman, V.F.** see Nefedov, V.I. 1-30587
- Dorfmüller, T.** see Samios, D. 1-21219
- Dorie, J.** see Gouesnard, J.P. 1-6282
- Dorie, J.** see Gouesnard, J.-P. 1-10752
- Dorigane, D., Joffrey, B.** Digital processing of atomic images [electron microscopy] 1-50282
- Dorikens, M.** see Dorikens-Vanpraet, L. 1-991, 1-33082
- Dorikens, M.** see Segers, D. 1-42725
- Dorikens-Vanpraet, L., Segers, D., Dorikens, M.** The influence of geometry on the resolution of a positron annihilation lifetime spectrometer 1-991
- Dorikens-Vanpraet, L., Segers, D., Dorikens, M., Van Brabander, F.** The influence of the source in the resolution of a positron annihilation lifetime spectrometer 1-33082
- Dorikens-Vanpraet, L.** see Segers, D. 1-42725
- Dorin, V.A., Pogarskii, M.A.** Precipitation of solid solutions of Cu, Ag, and Au in n-type Si, formation of defects, and γ irradiation 1-42718
- Dorin, V.A., Pogarskii, M.A.** Photocapacitance investigations of n-type Si in γ -irradiated Schottky diodes 1-42819
- Doring, J.** see Funke, L. 1-10301, 1-50485
- Dorkin, H.L.** see Fredberg, J.J. 1-13296
- Dorleijn, J.W.F., van der Heijden, R.L.A.** Properties of high-pressure sodium arcs at frequencies above 50 Hz 1-38192
- Dorleijn, J.W.F.** see Miedema, A.R. 1-52270
- Dorlot, J.-M., Ait Ba Sidi, M., Tremblay, G.M., Drouin, G.** Load elongation behavior of the canine anterior curcinate ligament 1-22044
- Dorman, H.J.** see Dumas, D.B. 1-32356
- Dorman, H.J.** see Horvath, P. 1-27403
- Dorman, I.V.** History of the debate on the nature of cosmic rays between the Nobel prize winners Millikan and Compton 1-32823
- Dorman, J.** see Lansing, F.L. 1-17260
- Dorman, L.I.** Generalized spectrographic method of separate investigation of the atmospheric, geomagnetic, and extraterrestrial variations for the complex spectrum of extraterrestrial variation of cosmic rays 1-36150
- Dorman, L.I., Kats, M.E., Fedorov, Yu.I.** Anisotropy of cosmic rays in interplanetary space 1-36124
- Dorman, L.I., Katz, M.E., Fedorov, Yu.I., Shakhov, B.A.** Energy balance of charged particles on multiple scattering in a randomly inhomogeneous magnetic field 1-11512
- Dorman, L.I., Libin, I.Ya., Gulinsky, O.V.** Study of intensity fluctuations in cosmic rays during Forbush-decreases on the basis of the data obtained with the Inzmiran scintillation super-telescope 1-36136
- Dorman, L.I., Malyshkin, V.N., Milovidova, N.P.** Anisotropic diffusion of cosmic rays in interplanetary space 1-36125
- Dorman, L.I., Yanke, V.G.** Secondary components, integral multiplicities, and coupling coefficients of cosmic rays in the atmosphere of the Earth and other planets 1-36149

- Dorman, L.I. *see* Alaniya, M.V. 1-36146
 Dorman, L.I. *see* Aleksan'yan, T.M. 1-36187
 Dorman, L.I. *see* Belov, A.V. 1-4726, 1-36128
 Dorman, R.W. *see* Enzinna, R.S. 1-2927
 Dormand, J.R., Woolfson, M.M. The origin of Pluto 1-4821
 Dornerval, R. *see* Gascoin, J.Y. 1-21536
 Dornan, P.J. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Dörner, B., Chernyshov, A.A., Pushkarev, V.V., Rumyantsev, A.Yu., Pynn, R. Phonons in cadmium at 80K 1-42487
 Dörner, B., Grimm, H., Rzyan, H. Phonon dispersion branches in α quartz 1-34434
 Dörner, B. *see* Bohn, H.G. 1-25918
 Dörner, B. *see* Boysen, H. 1-20325
 Dörner, B. *see* Natkaniec, I. 1-2575
 Dörner, B. *see* Schmelzer, U. 1-47186
 Dörner, B. *see* Soderstrom, O. 1-30037
 Dörner, P., Henig, E.-Th., Krieg, H., Lukas, H.L., Petzow, G. Optimization and calculation of the binary system Al-Si 1-53155
 Dörner, S., Schretzmann, K. Hydrogen as energy carrier and its production by fusion electrolysis 1-35715
 Dörner, S. *see* Dalle Donne, M. 1-5887
 Dornhaus, R., Benner, R.E., Chang, R.K., Chabay, I. Surface plasmon contribution to SERS [Ag film] 1-35048
 Dornhaus, R. *see* Benner, R.E. 1-34578, 1-35056
 Dörning, J. Point kinetics with ω -mode shape functions via multiple-time-scale asymptotics 1-10405
 Dörning, J.J. *see* Cohen, R.H. 1-29899
 Dörning, J.J. *see* Lawrence, R.D. 1-5833
 Dörning, J.J. *see* Ren-Tai Chiang 1-23814
 Doroba, K. *see* Abramowicz, H. 1-45378
 Doroba, K. *see* Eskreys, A. 1-594
 Doroba, K. *see* Ko, W. 1-10263
 Dorobantu, R. *see* Zugravescu, D. 1-44071
 Dorodnov, A.M. *see* Vasin, A.I. 1-34177
 Dorofeev, S.A. Determining the length of the optimum inter-electrode gap in relation to the operating conditions of a high-voltage electrical discharge in water 1-42224
 Dorofeev, Yu.G. *see* Keshishyan, T.N. 1-16549
 Dorofeev, V.G. Fatigue behaviour of P/M dynamic hot-pressed materials 1-53292
 Dorofeev, Yu.G., Gorshkov, S.A., Egorov, S.N. Formation of sintered material in dynamic hot pressing in a vacuum 1-53125
 Dorofeev, Yu.G., Koval'chenko, M.S. Major advances made in the field of hot pressing of metal powders 1-21376
 Dorofeeva, E.A. On the nature of magnetic hysteresis 1-7878
 Dorofeeva, E.A., Makarov, V.P., Molotilov, B.V. Investigation of additional losses in Fe-3%Si single crystals by the method of 'extremal' equations 1-7879
 Dorofeeva, M.V., Kashkarova, N.A. Method for aligning a block of Dove prisms in the near IR 1-41812
 Dorofeev, G.L., Imenitov, A.B., Klimenko, E.Yu. Voltage current characteristics of type II superconductors 1-7795
 Dorofeyev, V.M., Zharkov, V.N. Determination of the mechanical Q factor of the Earth's mantle 1-13428
 Dorofeyuk, A.A. *see* Berezhetskaya, N.K. 1-383
 Dorokhov, A.R. *see* Kutateladze, S.S. 1-37770
 Dorokhov, O.N. *see* Berezhinskii, V.L. 1-42755
 Dorokhov, V.P. *see* Ivanov, V.K. 1-16719
 Dorokhov, V.P. *see* Kut'enko, V.A. 1-3793
 Dorosh, A.G. *see* Vassergiser, M.E. 1-20323
 Doroshenko, L.K. *see* Gordonnaya, A.A. 1-16841
 Doroshenko, R.A., Veselago, V.G., Farztdinov, M.M., Kalinnikov, V.T. Visually observable effect of light on domain structure of magnetic semiconductor CdCr₂Se₄Ga 1-52799
 Doroshenko, V.N., Suprunenko, K.A., Kabakchi, A.M. ESR study of stabilized hydrogen and deuterium atoms during radiolysis of 1-hexene adsorbed on silica gel 1-4110
 Doroshkevich, A.G. Fragmentation of a primordial flat layer, and the formation of internal cluster structure 1-13859
 Dorozhkin, S.I. Temperature dependence of the conductivity of point junctions between a superconductor and normal metal 1-7790
 Dorr, K. *see* Buttler, W. 1-2528
 Dorr, K. *see* Heitjans, P. 1-31054
 Dorr, M. *see* Schwanner, I. 1-15041
 Dorr, W., Assmann, H. Sintering of UO₂ at low temperatures 1-14639
 Dorsaz, P.A. *see* Cleland, W.E. 1-45360
 Dorsaz, P.A. *see* Cleland, W.E. 1-23522
 Dorschner, T.A., Haus, H.A., Holz, M., Smith, I.W., Statz, H. Laser gyro at quantum limit 1-29317
 Dorson, W. Trends in financing LNG projects 1-8692
 Dory, R.A. *see* Yang, T.F. 1-10543
 Dos Reis, H.L.M. *see* Jones, N. 1-1851
 dos Santos, F.E.A., Jayaraman, J. Some remarkable spin-1/2-like algebraic properties of spin-3/2 matrices 1-44778
 Dosch, H.G., Kremer, M., Schmidt, M.G. The baryon spectrum in low order QCD with Migdal regularization 1-10182
 Doschek, G.A., Feldman, U., Kreplin, R.W., Cohen, L. High-resolution X-ray spectra of solar flares. III. General spectral properties of X1-X5 type flares 1-9443
 Doschek, G.A. *see* Feldman, U. 1-49588
 Doschek, G.A. *see* McKenzie, D.L. 1-32674
 Doschek, G.A. *see* Mariska, J.T. 1-9450, 1-49719
 Dossale, T., Morris, A.P. The evaluation of diffusion coefficients from concentration profiles in semi-infinite solids 1-11895
 Dose, V., Reusing, G. Electron-hole pair production and the structure of ultraviolet isochromats 1-2855
 Dose, V., Richard, A. Collision induced Lyman- α emission from metastable hydrogen 1-29090
 Dose, V., Scheidt, H. Isochromat and SXAPS measurements on hafnium, tantalum, and tungsten 1-43221
 Dosen, K. *see* Northwood, D.O. 1-3796
 Doshi, P.K., Mayhew, L.T., Orr, W.L. Improved uranium utilization through the use of improved burnable poison design 1-45602
 Dosik, R.S. Alternative energy technologies and developing country needs 1-43751
 Doskocilova, D., Schneider, B., Jakes, J. Dynamic structure of swollen crosslinked poly(ethylene oxide) gels from NMR lineshape analysis and magic angle rotation NMR 1-26774
 Doskocilova, D. *see* Lovy, J. 1-10738
 Doslak, M.J., Plonsey, R., Thomas, C.W. Numerical solution of the bioelectric field of the ERG 1-43872
 Dossaganbetov, T., Zhetbaev, A.K., Sorokin, A.A. Angular distributions of resonantly scattered γ -rays from ⁵⁷Fe in hydrated iron sulphates 1-12444
 Doss, E.D. *see* Ahluwalia, R.K. 1-2083, 1-13148
 Doss, L.L. *see* Richman, M. 1-53903
 Doss, S.H., Ibrahim, N.M.S., Mohealden, M.S.A. Infrared spectral absorption bands associated with five-membered sultam rings 1-37212
 Dosselli, U. *see* Arnault, C. 1-23947
 Dosselli, U. *see* Aubert, J.J. 1-5630
 Dossetor, R.S., Keane, B., Jeffery, R.D., Pressburger, J. Angiography assisted by a new videostere system 1-35878
 Dossing, T., Neergard, K., Sagawa, H. On the structure and deformation of yrat states in ¹⁴⁶Gd, ¹⁴⁷Gd, and ¹⁵²Dy 1-45394
 Dossing, T. *see* Neergard, K. 1-45421
 Dossing, T. *see* Sagawa, H. 1-14447
 Dosso, H.W. *see* Ogundade, S.O. 1-27055
 Dostal, J., Dupuy, C., Leyreloup, A. Geochemistry and petrology of meta-igneous granulitic xenoliths in Neogene volcanic rocks of the Massif Central, France—implications for the lower crust 1-13419
 Dostal, V.A. *see* Afanasiev, V.L. 1-32754
 Dotan, I. Rate constants and branching ratios for the reactions of ¹⁸O⁺ and ¹⁸O¹⁸O⁺ ions with ¹⁸O¹⁶O measured at relative kinetic energies 0.04-2 eV 1-17027
 Dotan, I., Karpas, Z., Klein, F.S. Elucidation of mechanisms of ion-molecule reactions by ICR 1-31844
 Dotan, I. *see* Pizam, A. 1-39630
 Dote, J.L., Kivelson, D., Knobler, C.M. Comment on the depolarized Rayleigh intensity anomaly in the critical mixture of nitroethane and isooctane 1-3424
 Dote, T., Shimada, M. Swarm analysis by using transport equations. I. Steady-state swarm behavior of electrons in a uniform medium 1-11522
 Dote, T., Shimada, M. Swarm analysis by using transport equations. II. Theoretical estimation of average energy loss factor of electrons 1-11523
 Dote, T. *see* Hara, T. 1-11541, 1-46294
 Douthan, F., Kagan, Yu.M. Level population densities and line intensities in helium discharges at intermediate pressures 1-42232
 Dotsch, E., Friedrichs, A., Hengstenberg, R. On the magnesium melting loss in iron melts 1-52260
 Dotsch, H. *see* Wetting, W. 1-3228
 Dotsenko, A.V., Zakharov, V.K., Loiko, V.A. Light scattering by photosensitive centers and color centers in photochromic silver halide glasses 1-48023
 Dotsenko, S.F., Cherkesov, L.V. On the diffraction of a surface gravitational wave over a small irregularity of the bottom 1-37951
 Dotsenko, V.I., Kratochvil, P., Pesicka, J., Wielke, B. Strengthening of dilute Cu-Ti single crystals during ageing 1-43353
 Dotsenko, V.I., Pustovalov, V.V., Sirenko, V.A. The effect of superconducting transitions on plasticity under magnetic flux trapping 1-42879
 Dotsenko, V.I.S., Dotsenko, V.I.S. Phase transition in 2 D Ising model with impurity bonding 1-40723
 Dotsenko, V.I.S. *see* Dotsenko, V.I.S. 1-40723
 Dotsenko, Yu.P. *see* Baranskii, P.I. 1-38798
 Dotson, A.C. The applicability of an r-dependent integral equation parameter to the study of low-temperature Lennard-Jones fluids 1-11646
 Dotson, A.C. *see* Carley, D.D. 1-51900
 Dottori, H.A. Lyman continuum photons emission from hot stars 1-22780
 Dottori, H.A., Bevilacqua, C.M. Differential UVB photometry in the central regions of spiral galaxies 1-36389
 Doty, J. *see* Cominsky, L. 1-49855
 Doty, J.L., Auth, D.C. The laser photocoagulating electrical waveguide scalpel 1-35853
 Doty, J.P., Hoffman, J.A., Lewin, W.H.G. SAS 3 observations of GX 1+4.1-49714
 Doubleday, C., Jr. Absorption and emission in the CIDNP derived from 1,6-biradicals 1-28996
 Doucen, R. *see* Le Doucen, R.
 Doucet, H.J. Fusion using clusters of charged particles 1-50935
 Dougal, R.A., Yocum, T.A., Snyder, P.G., Gundersen, M.A. A general method for achieving tunable single-longitudinal-mode output from CO₂ TLA lasers 1-51512
 Dougal, R.A. *see* Yocum, T.A. 1-19389
 Dougalis, V.A. *see* Bona, J.L. 1-18032
 Dougherty, D., Herley, P.J. Photodecomposition kinetics of alkaline earth hydride powders 1-4108
 Dougherty, E.P., Jr., Augustin, S.D., Rabitz, H. Stochastic theory of intramolecular energy transfer in the presence of radiation 1-46048
 Dougherty, J.P., Rosar, M.E. A semiautomatic microstructural analysis system 1-39307
 Dougherty, J.P. *see* Seymour, R.J. 1-26114
 Dougherty, T.J., Thoma, R.E., Boyle, D.G., Weisshaupt, K.R. Photoradiation therapy of malignant tumors: role of the laser 1-35871
 Doughy, K. *see* Das-Gupta, D.K. 1-7996
 Douglade, J., Mercier, R. Structure of tetrasulphate hydroxoiodoxotetraantimony(III) and dioxonium monohydrate Sb₄I₂O₄(OH)(SO₄)(H₂O)₂·H₂O (or Sb₄O₃·2SO₃·2H₂O) 1-30150
 Douglas, A., Hudson, J.A., Marshall, P.D. Earthquake seismograms that show Doppler effects due to crack propagation 1-32373
 Douglas, B.C., Goad, C.C., Morrison, F.H. Determination of the geopotential from satellite-to-satellite tracking data 1-22187
 Douglas, D.L., Birk, J.R. Secondary batteries for electrical energy storage 1-39764
 Douglas, G. *see* Brethauer, E.W. 1-45742
 Douglas, J., Jr. The numerical simulation of miscible displacement in porous media 1-24876
 Douglas, J.A., Baker, D.M., Marshall, M., Budd, T. The effect of LET on the efficiency of dose re-estimation in LiF using UV photo-transfer 1-951
 Douglas, J.A., Budd, T. Spurious TLD readings due to static electricity 1-41256
 Douglas, L.S. Ignition temperatures of pulverized fuel 1-26807
 Douglas, N.J., Wraith, P.K., Brash, H.M., Millar, J., Sudlow, M.F., Flenley, D.C. Computer measurement of dynamic compliance: technique and reproducibility in man 1-13331
 Douglas, R.A. *see* Onusich, H. 1-36718
 Douglas, W.J.M. *see* Mumjard, A.S. 1-15523
 Douglass, D.H., Braginsky, V.B. Gravitational-radiation experiments 1-18144
 Douglass, D.H. *see* Johnson, W.W. 1-27473
 Douglass, K.H. *see* Links, J.M. 1-32233
 Douglass, R.W. *see* Dallman, R.J. 1-1961
 Doukas, A.G., Pande, A., Suzuki, T., Callender, R.H., Ottolenghi, M. On the mechanism of hydrogen-deuterium exchange in bacteriorhodopsin 1-39865
 Doukas, A.G., Stefancic, V., Alfano, R.R. Applications of picosecond absorption spectroscopy to the study of visual pigments 1-53498
 Doukas, A.G. *see* Rosen, D.L. 1-15232
 Doulou *see* Soulie, G. 1-40310
 Douma, B.S., Knaap, H.F.P., Beenakker, J.J.M. Experimental determination of the velocity distribution in a dilute heat-conducting gas 1-2125
 Doumer, J.P., Dordor, P., Marquestaut, E., Pouchard, M., Hagenmuller, P. Electrical conductivity and thermopower of Na₂Ta₂W_{1-x}O₃ bronzes 1-12156
 Doumer, J.-P. *see* Campet, G. 1-3015
 Dourneuf, M. *see* Le Dourneuf, M.
 Douskos, C.N. *see* Kafousis, N.G. 1-54355
 Dousse, J.-C., Kern, J. Quartz reflectivity and piezoelectricity 1-15745
 Dousse, J.-Cl., Kern, J. Reflectivity of bent quartz crystal plates 1-21156
 Doussineau, P. Ultrasonic propagation in amorphous PdSiCu at low temperatures 1-42473
 Doussineau, P., Frenois, C., Leisire, R.G., Leveult, A., Prieur, J.-Y. Amorphous-like acoustical properties of Na doped B-Al₂O₃ 1-11817
 Doussineau, P., Leisire, R.G., Leveult, A., Prieur, J.-Y. Ultrasonic measurements in Na β -alumina at low temperatures 1-15956

- Doussineau, P., Robin, A. Saturation of the acoustic attenuation and relaxation of the two-level systems by the electrons in amorphous NiP 1-15957
- Doussou, S. *see* Bechtold, V. 1-28767
- Doussou, S. *see* Bliman, S. 1-51284
- Doussot, C., Bastien, F., Marode, E., Moruzzi, J. Features of O⁺ detachment in gas mixtures studied by a non stationary method 1-41498
- Doussot, C., Lakdawala, V.K., Bastien, F., Marode, E., Moruzzi, J.L. A new technique for studying electron detachment in gases 1-15580
- Doust, C.E. *see* Nuton, D.H. 1-46847
- Douthat, D.A. Recent developments in electron degradation theory—selected topics 1-46848
- Doutt, J.A. *see* Frisk, G.V. 1-37667
- Douchamps-Lefevre, C., Dufour, L. Unpublished documents concerning meteorological events in the Namurois during the first part of the 18th century (1700-1748) 1-4591
- Dovator, N.A., Zhitnikov, R.A. Measurements of the relaxation times T_1 and T_2 of optically oriented atoms through the nonadiabatic application of a transverse magnetic field 1-34040
- Dovator, N.A. *see* Batygin, V.V. 1-33414
- Dove, D.B. *see* Huijter, E. 1-52811
- Doveil, F. Stochastic plasma heating by a large-amplitude standing wave 1-42185
- Dover, C.B., Ludeking, L., Walker, G.E. Hypernuclear physics with pions 1-14489
- Dover, C.B., Richard, J.M., Zabek, M.C. The interaction of nucleons with antineutrons. III. Photon and pion emission from bound states 1-36853
- Dover, C.B. *see* Auerbach, E.H. 1-50599
- Dover, C.B. *see* Bludman, S.A. 1-655
- Dover, R.B. *see* van der Duer, R.B.
- Dover, W.D., Collins, R. Recent advances in the detection and sizing of cracks using alternating current field measurements (ACFM) 1-12941
- Doerens, H. *see* van der Duer, R.B.
- Doverspike, L.D. *see* Annis, B.K. 1-14990
- Doverspike, L.D. *see* Haywood, S.E. 1-33542
- Dover, R., Pisani, C., Ricca, F., Roetti, C. Exact-exchange Hartree-Fock calculations for periodic systems. III. Ground-state properties of diamond 1-34609
- Dovesi, R., Pisani, C., Roetti, C. Calculations of nickel band structure and adsorption on nickel thin films, using an extension of the CNDO formalism 1-47447
- Dovger, L.S. *see* Danilov, S.V. 1-1588
- Dorgopoli, M.P. *see* Kudryavtseva, E.D. 1-30712
- Dorgopoli, S.P., Krokhin, A.L., Mirzoev, A.A. Green's function of liquid metals 1-16219
- Dorgoshel, N.I. *see* Migolinet, I.M. 1-41800
- Dorgyl, Ya.O. *see* Selivanov, Yu.P. 1-15092
- Dovich, N.J., Harris, J.M. Differential thermal lens calorimetry 1-50131
- Dovletov, K., Biryukova, I.V., Nuryev, S., Erniyazov, K.H. Thermal conductivity and electro-physical properties of solid solutions of the $\text{Sb}_2\text{Te}_3\text{-Ga}_2\text{Te}_3$ system 1-47308
- Dow, J.D. *see* Bowen, M.A. 1-43086
- Dow, J.D. *see* Hjalmarson, H.P. 1-16344
- Dow, J.D. *see* Sankey, O.F. 1-16252
- Dow, T.A. *see* Kannel, J.W. 1-30317
- Dow-Bin Hyun, Chan-Hyung Kang, Sun-Chae Maeng A study of baryonic transformation structure in low carbon Ni-Cr-Mo-V steel 1-53181
- Dowben, R.M. *see* Wegener, W.A. 1-15048
- Dowd, J. *see* Chung, S.U. 1-14423, 1-41006, 1-45362
- Dowell, E.H. A simplified theory of oscillating aeroflows in transonic flow: review and extension 1-51802
- Dowell, E.H., Hodges, D.H. Comment on 'direct solutions for Strum-Liouville systems with discontinuous coefficients' [and reply by D.H. Hodges] 1-1858
- Dowell, J.D. *see* Corden, M. 1-14429
- Dowell, J.D. *see* Corden, M.J. 1-14428, 1-28352
- Dowell, M.B. *see* Woollam, J.A. 1-42679
- Dowling, J.M. *see* Pluchino, A.B. 1-9245
- Dowling, N.B. *see* O'Caín, C.F. 1-48965
- Dowling, P.J. *see* Javaherian, H. 1-37810
- Dowling, R.H. *see* Sylvester, N.D. 1-46814
- Down, J.D. *see* Travis, E.L. 1-43913
- Downer, M. *see* Dagenais, M. 1-43170
- Downes, A.J.B., Pauls, T., Salter, C.J. G 40.5-0.5: a previously unrecognised supernova remnant in Aquila 1-27585
- Downes, D. *see* Beging, J. 1-9633
- Downes, D. *see* Genzel, R. 1-9597
- Downes, D. *see* Thum, C. 1-49649
- Downes, E.M. *see* Watson, J. 1-13304
- Downes, L.W., Kinne, J.D., Marcum, S.D., Tilton, R.A., Wells, W.E. A gain prediction for a helium, nitrogen system based on radiative collisions 1-41487
- Downes, R.A., Margon, B. B 272: quasar or H II region? 1-40557
- Downes, R.A. *see* Chan, G.A. 1-49859
- Downes, R.A. *see* Margon, B. 1-36289
- Downey, C.J. *see* Oppenheimer, M. 1-22731
- Downie, D.B., Martin, J.F. An adiabatic calorimeter for heat-capacity measurements between 6 and 300K. The molar heat capacity of aluminium 1-14117
- Downie, D.B. *see* Martin, J.F. 1-16055
- Downie, D.E., Berry, J., Jr., Wilcox, B.R. Computer simulation of left and right ventricular function. I. Development of a model and parameter estimation 1-22040
- Downie, M.A. *see* Brandelik, R. 1-23510, 1-30411
- Downie, N.A. *see* Brandelik, R. 1-23527
- Downing, G.V. *see* Woodruff, H.B. 1-53505
- Downing, J.P. *see* Dababneh, M.S. 1-15015
- Downing, K.H., Glaeser, R.M. Electron diffraction from single crystals of DNA 1-13214
- Downs, A.M. *see* Davis, W.R. 1-50130
- Downs, B. *see* Norwood, C.J. 1-6816
- Downs, M.J. Problems associated with thin film measurement using double beam interference microscopy 1-27915
- Downs, W., Vecchi, S.J., Barsin, J.A., Rovesti, W.C. Characterization and combustion of SRC II fuel oil 1-26748
- Downum, W.B., Miley, G.H., Choi, C.K. Tokamak burn extension by radial electric field control 1-41241
- Downum, W.B. *see* Miley, G.H. 1-25031
- Dowsing, R.J. Continuous casting for low-cost non-ferrous strip 1-21383
- Dowson, D. *see* Amis, A.H. 1-17433, 1-35795
- Dowty, E. Computing and drawing crystal shapes 1-2356
- Doxsey, R.E. *see* Kelley, R.L. 1-49713
- Doyama, M. *see* Mihara, T. 1-47007
- Doyama, M. *see* Nakao, M. 1-2865
- Doyama, M. *see* Shimotomai, M. 1-42587
- Doyama, M. *see* Yamamoto, R. 1-15832
- Doyle, B.L., Wampler, W.R., Brice, D.K., Picraux, S.T. Saturation and isotopic replacement of deuterium in low-Z materials 1-25301
- Doyle, F.H. *see* Talbot, I.C. 1-26945
- Doyle, J.G., Kingston, A.E., Reid, R.H.G. Proton excitation rates for fine structure transitions in C III, O V, and Ne VII in the Sun 1-13745
- Doyle, J.G., McWhirter, R.W.P. An approximate calculation of the effect of opacity in the solar spectral lines of C III 1-27453
- Doyle, J.G. *see* Baluja, K.L. 1-33423
- Dozier, A.K., Chalmers, J.S. Calculation of the elastic scattering of pions from light nuclei at 450 MeV 1-36966
- Dozier, A.K., Chalmers, J.S. Elastic scattering of pions from ⁴He and ¹⁶O near 1 GeV 1-41141
- Dozier, C.M., Brown, D.B. Photon energy dependence of radiation effects in MOS structures 1-42420
- Dozier, C.M., Brown, D.B., Sandelin, J.W. Dose and dose rate dependence of 8080A microprocessor failures 1-2508
- Dozier, J. A clear-sky spectral solar radiation model for snow-covered mountainous terrain 1-36049
- Draayer, J.P. *see* Countee, C.R. 1-50546
- Drabkin, G.M. *see* Bezruk, S.M. 1-17354
- Drabkin, I.A. *see* Geiman, K.I. 1-3139
- Drache, M., Ravez, J., Hagenmuller, P. Materials with nonlinear properties in the $\text{Sr}_2\text{WO}_6\text{-Ba}_2\text{WO}_6$ system 1-43073
- Drache, M. *see* Mairesse, G. 1-15870
- Drachev, A.L. *see* Bol'shakov, V.I. 1-17365
- Drachev, L.A. *see* Bol'shakov, V.I. 1-17365
- Drachinskaya, A.G. *see* Babey, Yu.I. 1-48521
- Drachman, R.J. Nonrelativistic hyperfine splitting in muonic helium by adiabatic perturbation theory 1-1418
- Dracoulis, G., Fahlander, C., Fellw, M.P. Mass dependence of the yrast-yrare interaction and backbending in the light of osmium isotopes 1-18540
- Dracoulis, G.D. Rotation aligned negative parity side bands in light tungsten and osmium nuclei 1-45393
- Dracoulis, G.D., Fahlander, C. Identification and characterisation of the rotational band based on the 1.1 ms ⁸ isomer in ¹⁸²Os 1-18543
- Dracoulis, G.D. *see* Paar, V. 1-23538
- Dracoulis, G.D. *see* Poletti, A.R. 1-5674
- Drafskikh, A.F., Dravskikh, Z.V. Spectrum calibration by a substitution method on an antenna 1-9369
- Drăgănescu, V. *see* Alexandrescu, R. 1-51522
- Drăganich, L.F., Andriacchi, T.P., Strongwater, A.M., Galante, J.O. Electronic measurement of instantaneous foot-floor contact patterns during gait 1-35899
- Drăganov, A.B., Kalmykov, A.M., Kotsarenko, N.Ya. Transformation of electromagnetic waves in a beam-plasma system 1-51958
- Drăganowa, M. *see* Pawłowa, M. 1-39303
- Drager, K. Short range order behaviour in paramagnetic LaCrO_3 1-7944
- Drager, H., Law, L.K. Magnetotelluric soundings across the Pemberton Volcanic Belt, British Columbia 1-44098
- Drago, E. *see* Antreasyan, D. 1-10287
- Drago, G.P. *see* Bianco, B. 1-53951
- Drago, P. A simulated comparison of the useful energy gain in a fixed and a fully tracking flat plate collector 1-17253
- Drago, R.S. The coordination model for non-aqueous solvents 1-8601
- Dragon, J.N., Mutschelner, J.P. The solar ultraviolet continuum 1-9447
- Dragoni, M. *see* Bonafede, M. 1-49227
- Dragos, L., Homentcovschi, D. Stationary fundamental solution for an ideal fluid in uniform motion 1-29653
- Dragoset, W.H. *see* Hofsteezer, J.H. 1-41142
- Drăgoshanski, Yu.N., Inisheva, L.A., Korzunin, G.S., Khan, E.B. Domain structure and electromagnetic losses in Fe-3% Si single crystals in rotating magnetic fields 1-7873
- Drăgoshanski, Yu.N. *see* Starodubtsev, Yu.N. 1-7883
- Dragoun, O., Rysavy, M., Becvar, F., Brabec, V. Internal conversion calculations in Hartree-Fock atomic model: improved agreement with experiment 1-50553
- Drat, J.B. *see* Nederkoorn, J.J.B.M. 1-39722
- Drăgulinescu, D., Grigoriu, C., Udrea, E., Udrea, M. Laser spark gaps triggering 1-15677
- Drăgunas, A.K. *see* Balciuniene, M.L. 1-21101
- Drain, D. *see* Tsan Ung Chan 1-10296
- Drain, L.E. Doppler velocimetry 1-19847
- Drain, L.E., Wigley, G., Yeoman, M.L., Dale, B.W. Analysis of experimental errors in LDA measurements carried out for the ICE project 1-2116
- Draine, B.T. Interstellar shock waves with magnetic precursors 1-44608
- Drake, A.D. *see* Simonin, S.P. 1-13353
- Drake, A.F. *see* Barnett, C.J. 1-10766
- Drake, C.L. *see* Wetherill, G.W. 1-27126
- Drake, D.E. *see* Karl, H.A. 1-22326
- Drake, D.M., Cates, M., Cindro, N., Picanic, D., Holub, E. Gross structure and resonant behavior of ¹⁴C/¹⁴C elastic scattering 1-28448
- Drake, D.M., Moses, J.D., Peng, J.C., Stein, N., Sunier, J.W. Exotic heavy-ion reactions on ⁴⁰Ca: (¹⁴C,¹⁴O) double charge exchange and (¹⁴C,¹⁵O) rearrangement transfer 1-23672
- Drake, D.M. *see* Drog, M. 1-18964
- Drake, J.F., Gladd, N.T., Huba, J.D. Magnetic field diffusion and dissipation in reversed-field plasmas 1-38053
- Drake, J.F. *see* Chang, C.L. 1-11548
- Drake, K.H. *see* Mylenk, J. 1-40868
- Drake, L.A., Bolt, B.A. Love waves normally incident at a continental boundary 1-32354
- Drake, M.J. *see* Feirberg, M.A. 1-27434
- Drake, M.P. Electrodeposition in ultrasonic fields 1-21615
- Drake, R.E. *see* Broom, R.F. 1-7778
- Drake, R.P., Deis, G., Richardson, M., Simonen, T.C. Gas control and wall conditioning in TMX 1-25041
- Drake, S.A. *see* Naftilan, S.A. 1-32726
- Drakin, S.I. *see* Ismailov, G.I. 1-8254
- Drakins, A. *see* Berckmans, A. 1-39711
- Draman, M., Meyrueis, P., Soubair, E. Hybrid holographic computer-made image processing 1-15099
- Dran, J.C., Maurette, M., Petit, J.C. Radioactive waste storage materials: their α -recoil aging 1-41186
- Dranevich, V.A. *see* Kajmakov, E.A. 1-54426
- Draney, E.C. *see* Calder, C.A. 1-53223
- Dransfeld, K. *see* Benzenzer, A. 1-320
- Dransfeld, K. *see* Thomas, N. 1-16528
- Drapak, Z.T. *see* Luchitskiy, R.M. 1-21214
- Drăpcho, D. *see* Tomkins, F.S. 1-41782
- Draper, C.W., Meyer, L.S., Jacobson, D.C., Buene, L., Poate, J.M. Laser surface alloying for passivation of Ti-Pd 1-35451
- Draper, C.W., Rosenblatt, G.M. Thermal accommodation coefficients by high speed vibration of solid samples. VI. O₂ and N₂ on As(111) and Sb(111) single crystal surfaces 1-8617
- Draper, C.W., Rosenblatt, G.M. Amplitude gain in fourth-order Fourier harmonics 1-51686
- Draper, C.W., Sharma, S.P., Yeh, J.L., Bernasek, S.L. Examination of elemental nonuniformities in laser surface melted ternary copper alloys 1-43610
- Draper, C.W., Woods, R.E., Meyer, L.S. Enhanced corrosion resistance of laser surface melted aluminum bronze D (CDA-614) 1-31724
- Draper, L.T. *see* Foote, R. 1-27317
- Draper, M. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Draper, W.E. *see* Stretz, L.A. 1-23825
- Drăpkin, B.M. Determination of diffusion activation energy 1-34519
- Drăpkin, B.M., Kononenko, V.K. Elastic and relaxation properties of materials in the solid and liquid state 1-53372
- Drăpkin, M.Y. *see* Agasjan, P.K. 1-32077
- Drăpkin, V.Z. *see* Belongov, A.M. 1-18265
- Drasner, A. *see* Blazina, Z. 1-33294
- Dratzig, A. *see* Schultz von Schultz von Dratzig, A.
- Drăuglis, E.J. *see* Snediker, D.K. 1-16905
- Dravins, D. *see* Lind, J. 1-13699

- Dravskikh, A.F., Stotskiy, A.A., Finkel'shtein, A.M., Fridman, P.A.** Tropospheric limitation of phase measurement of coordinates in astronomy 1-9384
- Dravskikh, Z.V.** *see* Dravskikh, A.F. 1-9369
- Drawin, H.W.** The determination of collisional-radiative recombination and ionisation coefficients from experimental data 1-46852
- Drazen, J.M.** *see* Slutsky, A.S. 1-26930, 1-26933
- Drechsel, D.** *see* Hajduk, C. 1-45415
- Drechsel, D.** *see* Tornow, V. 1-10340
- Drechsel, H., Rahe, J., Kondo, Y., McCluskey, G.E., Jr.** Phase-correlated P Cygni profile variations of the C III multiplet in UW Canis Majoris 1-54548
- Drechsler, S.L., Lehmann, G.** On the possible influence of a high perpendicular electric field on the critical temperature of a superconducting sandwich system 1-12220
- Drees, J., Gerhardt, B., Gerhardt, Ch., Schneider, A.** Determination of the longitudinal and transverse cross section in resonance electroproduction 1-45302
- Drees, J.** *see* Altkofer, O.C. 1-45773
- Drees, J.** *see* Aubert, J.J. 1-5630
- Drees, J.** *see* Gerhardt, B. 1-28328
- Dreger, G.** The connection between breakdown-volume and statistical time lag at impulse voltage stress in SF₆ 1-11499
- Dregeris, Ya.Ya.** *see* Balabanov, E.I. 1-48707
- Dreher, R.** *see* Fehrenbach, W. 1-34
- Dreijer, N.** Ultrasound in medical diagnostics 1-39975
- Dreike, P.L., Greenly, J.B., Hammer, D.A., Sudan, R.N.** Formation and propagation of a proton ring 1-42198
- Drelling, L.A., Bell, R.A.** The chemical composition, gravity, and temperature of Vega 1-22795
- Dreimanis, A.** *see* May, R.W. 1-35979
- Dreitser, G.A.** *see* Dzyubenko, B.V. 1-6749
- Dreizler, R.M.** *see* Gross, E.K.U. 1-45870
- Dreizler, R.M.** *see* Raduta, A.A. 1-45405
- Dreizler, R.M.** *see* Toeffer, A. 1-24309
- Drell, S.D.** *see* Brodsky, S.J. 1-14390
- Drell, S.D.** *see* Weinstein, M. 1-516
- Dremin, A.N.** *see* Klimenko, V.Yu. 1-2030, 1-30325
- Dremin, A.N.** *see* Molodets, A.M. 1-2563
- Dremov, S.S., Strigalev, V.E., Udov, Yu.P.** Bragg diffraction in multimode optical waveguides with a modulated boundary 1-24497
- Drentje, A.G.** *see* Gaarde, C. 1-5740
- Dreschler, W.A., Plomp, R.** Relation between psychophysical data and speech perception for hearing-impaired subjects. 1-29474
- Dresden, M.** Solitons and supersymmetry 1-5463
- Dresden, M.** An associative algebra of tensor types 1-5524
- Dresdner, K.** *see* Lee, C.O. 1-26885
- Dreshfield, R.L., Miner, R.V., Jr.** Effects of thermally induced porosity on an as-HIP powder metallurgy superalloy 1-3667
- Dresner, J.** Hall mobility for electrons in undoped a-Si:H 1-30767
- Dresner, L.** *see* Elrod, S.A. 1-52734
- Dresp, J.** *see* Bauchinger, M. 1-32201
- Dresp, J.** *see* Schmid, E. 1-49071
- Dresselhaus, G., Leung, S.Y.** Phenomenological electronic energy bands in graphite intercalation compounds 1-7520
- Dresselhaus, G., Leung, S.Y., Shayegan, M., Chieu, T.C.** Electronic structure of graphite-alkali metal compounds 1-38705
- Dresselhaus, G.** *see* Berker, A.N. 1-16788
- Dresselhaus, G.** *see* Dresselhaus, M.S. 1-34329, 1-47436
- Dresselhaus, G.** *see* Henrich, V.E. 1-26323
- Dresselhaus, G.** *see* Leung, S.Y. 1-34441
- Dresselhaus, M.S., Dresselhaus, G., Shayegan, M., Chieu, T.C.** The interrelation of Shubnikov-de Haas, magnetoreflection and transport properties of alkali metal donor intercalation compounds 1-47436
- Dresselhaus, M.S., Kambe, N., Berker, A.N., Dresselhaus, G.** Intercalate layer structure in graphite-alkali metal compounds 1-34329
- Dresselhaus, M.S.** *see* Berker, A.N. 1-16788
- Dresselhaus, M.S.** *see* Kwizera, P. 1-47460
- Dresselhaus, M.S.** *see* Leung, S.Y. 1-34441
- Dresselhaus, M.S.** *see* Underhill, C. 1-35200
- Dressendorfer, P.V.** *see* Lai, S.K. 1-47746
- Dressler, A.** The spectrum of the central luminosity spike in M87 1-13852
- Dressler, A.** The dynamics of the cluster of galaxies A2029 1-49824
- Dressler, L.** Polarization-optical examinations of birefringent effects using a full-wave plate in subparallel position 1-33036
- Dreval, V.E.** *see* Borisenkova, E.K. 1-43428
- Drevermann, H.** *see* Barth, M. 1-41018, 1-45377
- Dreves, W.** *see* Moroz, Z. 1-45765
- Dreves, W.** *see* Tungate, G. 1-33256
- Devillon, B., Huc, J., Lloret, A., Perrin, J., de Rosny, G., Schmitt, J.P.M.** Silane dissociation mechanisms and thin film formation in a low pressure multipole DC discharge 1-16703
- Drevillon, B.** *see* Aston, D. 1-14399, 1-45297, 1-50442
- Drew, D.A., Lahey, R.T., Jr.** A mixing length model for fully developed turbulent two-phase flow 1-50879
- Drew, D.A.** *see* Lahey, R.T., Jr. 1-50880
- Drew, H.D.** *see* Baldwin, S. 1-30641
- Drew, M.S., Gegenberg, J.D.** Conformally covariant massless spin-two field equations 1-40696
- Drew, N.J.** Portable carbon dioxide in air monitor 1-21965
- Drewry, D.J.** *see* Behrendt, J.C. 1-35960
- Dreys, G., Gebert, W., Janata, F., Joos, P., Ladage, A., Nagel, H., Preissner, H., Soding, P., Cohen, I., Erickson, R., Messing, F., Nordberg, E., Siemann, R., Smith-Kintner, J., Stein, P., Sadoff, A.** Jets in deep inelastic electroproduction 1-10229
- Drexhage, K.H.** *see* Kranitzky, W. 1-41691
- Drexhage, M.G., Bendow, B., Moynihan, C.T.** IR-transmitting fluoride glasses 1-19396
- Drexler, G.** *see* Nette, P.H. 1-41271
- Drexler, J.W., Rose, W.I., Jr., Sparks, R.S.J., Ledbetter, M.T.** The Los Chocoyos Ash, Guatemala: a major stratigraphic marker in middle America and in three ocean basins 1-17584
- Dreyfus, A., Jungwirth, E.** A comparison of the 'prompting effect' of out-of-school with that of in-school contexts on certain aspects of critical thinking 1-13956
- Dreyfus, J.-M., Guyon, E.** Convective instabilities in nematics caused by an elliptical shear 1-52054
- Dreyfus, J.-M., Pieranski, P.** Distortion waves and phase slippage in nematics 1-52058
- Dreyfuss, P., Gent, A.N., Williams, J.R.** Tear strength and tensile strength of model filled elastomers 1-43435
- Dreyse, H., Riedinger, R.** Self-consistent electronic structure of a surface in tight-binding 1-52618
- Dreze, C.** *see* Burtin, B. 1-6306
- Drickamer, H.G.** High-pressure luminescence 1-12563
- Drickamer, H.G.** High pressure luminescence studies 1-31203
- Drickamer, H.G.** *see* Politis, T.G. 1-41419
- Drickamer, H.G.** *see* Rollinson, A.M. 1-33554
- Drickamer, H.G.** *see* Slichter, C.P. 1-21169
- Driel, H.M.van** *see* van Driel, H.M.
- Driel, J.van** *see* van Driel, J.
- Driel, J.van** *see* van Driel, J.
- Driels, M.R.** The effect of a non-zero cavitation tension on the damage sustained by a target plate subject to an underwater explosion 1-42077
- dries, L.van der** *see* van der dries, L.
- Dries, L.van den** *see* van den Dries, L.
- Dries, M.** *see* Broudy, R. 1-5383
- Drifford, M., Menez, R., Tivant, P., Nectoux, P., Dalbiez, J.P.** Quasielastic light scattering in an electric field: electrophoretic mobility and apparent charge of macromolecules 1-39116
- Drifford, M.** *see* Nectoux, P. 1-39085
- Drigo, A.V.** *see* Bentini, G.G. 1-35125
- Drigo, A.V.** *see* Carnera, A. 1-2544
- Drjard, D., Eklof, T., Grote, H.** On the reduction in space resolution of track detectors caused by correlations in the coordinate quantization 1-14768
- Drjver, J.W.** *see* Mulder, A.L. 1-35321
- Drjver, J.W.** *see* Spit, F.H.M. 1-16178, 1-34572
- Drilling, J.S.** Three new hydrogen-deficient B-type stars 1-44543
- Drillon, M., Padel, L., Bernier, J.C.** Influence of the non-magnetic cation upon the sign of the Cr^{III}-Cr^{III} coupling in trirutile compounds MCr₂O₆ (M=Te, W) 1-47875
- Dring, D.** *see* Allen, N.L. 1-15707, 1-46937
- Drinkwater, B.L.** *see* Kobayashi, K. 1-21988
- Driscoll, C.M.H., McKinlay, A.F.** Factors affecting the background sensitivity of thermoluminescent lithium fluoride 1-955
- Driscoll, C.M.H., McKinlay, A.F.** Particle size effects in thermoluminescent lithium fluoride 1-48174
- Driscoll, D.M.** *see* Ladd, J.W. 1-22428
- Driscoll, J.N., Atwood, E.S., Fowler, J.E., Selig, W.** Electrodes measure dissolved ammonia and carbon dioxide 1-13053
- Driscoll, J.N.** *see* Nestrick, T.J. 1-39701
- Driscoll, J.R.** *see* Holleck, G.L. 1-21875
- Driscoll, M.J.** *see* Sefcik, J.A. 1-45601
- Driskell, W.E.** *see* Tolman, E.L. 1-5948
- Drissler, F., Macfarlane, R.M.** Enhanced anti-Stokes Raman scattering from living cells of 'Chlorella pyrenoidosa' 1-35809
- Drits, M.E., Sviderskaya, Z.A., Rokhin, L.L., Nikitina, N.I.** Effect of alloying on the properties of Mg-Gd alloys 1-16818
- Driver, J.H.** *see* Magnin, T. 1-31654
- Driver, J.H.** *see* Serpoul, J.-J. 1-21557
- Driver, P.M.** An electrochemical approach to the characterisation of black chrome selective surfaces 1-48700
- Driver, R., Meakins, R.J.** Effect of ammonium group on inhibition of the acid corrosion of steel and iron by n-alkylquaternary ammonium compounds 1-39505
- Drizhuk, A.G.** *see* Shagalov, M.D. 1-21277
- Drmevan, Kh.R.** *see* Bezirganyan, P.Kh. 1-52025
- Drnukhamedova, S.D.** *see* Abilova, T.S. 1-19222
- Drndarevic, S., Rak, L., Todorovic, Z.** The analysis of the low energy part of muon spectrum in K⁺ → π⁰ μ⁺ decay 1-40984
- Drndarevic, S.** *see* Abdrhamanov, E.O. 1-722
- Drosca, B.** *see* Pencescu, C. 1-32301
- Drobnik, A., Roziakowski, K.** Studies on capillary waves generated by light pulses of Nd³⁺-glass laser with ultrasonic Q-switch 1-21295
- Drobnik, S.** *see* Kelm, M. 1-5908
- Drobnjack, Dj.** *see* Djuric, B. 1-3759
- Drobot, A.T.** *see* Read, M.E. 1-1536
- Drobot, A.T.** *see* Silverstein, J.D. 1-1537
- Drobot, Yu.B.** *see* Bondarenko, A.N. 1-46643
- Drobyazko, S.V.** *see* Vedenov, A.A. 1-33654
- Drobysheski, E.M.** Electrolysis in space and fate of Phaethon 1-54410
- Drobysheski, E.M., Kolesnikova, E.N., Yuferev, V.S.** The rate of magnetic field penetration through a Benard convection layer 1-19711
- Droge, T.** *see* Berg, D. 1-28320
- Drofa, A.S., Usachev, A.L.** On visibility properties of clouds 1-40161
- Drofenik, M., Golic, L.** Lattice constants of the compounds Sr₂LaAlO₅ and Sr₂LnFeO₅ 1-30160
- Drokin, A.M., Kapustin, V.K., Korotkov, V.P., Leonov, V.V., Mironov, V.K., Saikov, Yu.P.** Identification and estimate of tritium content in VVR-M reactor water 1-23866
- Drokina, T.V.** *see* Kim, P.D. 1-3226, 1-30997
- Drokov, V.G.** *see* Akhmed'yanov, M.A. 1-349
- Drollinger, B., Korth, H., Wagner, H.** Refractive index determination for thin films 1-18283
- Drolshagen, G., Gianturco, F.A., Toennies, J.P.** Proton-molecule collisional interaction. IV. Core-excited resonances in H⁺-CO inelastic scattering 1-37299
- Drolshagen, G.** *see* Baer, M. 1-1311
- Dromey, J.D.** *see* Birch, J.R. 1-36746
- Dromey, J.D.** *see* Birch, J.R. 1-49885
- Dronjak, M., Hornfeldt, S.** Calculations on the three different modes of the acoustic resonance in antimony 1-47176
- Dronyaev, V.P.** *see* Danilyan, G.V. 1-50678
- Drory, M.** *see* Evans, A.G. 1-39335
- Drosg, M.** Proposal of a novel high intense neutron source for radiation therapy 1-32244
- Drosg, M., Drake, D.M., Lisowski, P.** The contribution of carbon interactions to the neutron counting efficiency of organic scintillators 1-18964
- Drost, E.J.** *see* Broussard, P.H. 1-36724
- Drost, H.** *see* Rutkowski, J. 1-1389
- Drouffe, J.M.** Large dimensional lattice gauge theories. I. Z₂ pure gauge system 1-5481
- Drouffe, J.M.** Large dimension expansions and transition patterns in lattice gauge theories 1-28189
- Drouhard, D.T.** *see* Cain, C., Jr. 1-759
- Drouin, G., Dore, R., Thiry, P.S., Jean-Francois, C.** Modelling of a composite prosthesis for quasi-cylindrical ligaments 1-22165
- Drouin, G.** *see* Allard, P. 1-44049
- Drouin, G.** *see* Dorlot, J.-M. 1-22044
- Droz, M., Malaspina, A.** Migdal renormalisation-group transformation for the kinetic Ising model in arbitrary dimensions 1-3186
- Droz, M., Malaspina, A.** Real space dynamic renormalization group for an Ising spin glass 1-16444
- Droz-Vincent, Ph.** Relativistic quantum theory of scattering 1-10108
- Droz-Vincent, Ph.** N-body relativistic systems 1-28154
- Drozdov, A.A.** *see* Andrezen, A.B. 1-50166
- Drozdov, V.N.** *see* Vasilev, Ya.V. 1-43272
- Drozdov, Yu.N.** *see* Lebedev, Ya.A. 1-25120
- Drozdovskii, A.A.** Radiation effects and acceptable particle losses in high-current accelerators to 50 MeV 1-37024
- Drozdowicz, K., Igielski, A., Krynicka-Drozdowicz, E., Sobczynski, Z., Woznicka, U.** Thermal neutron diffusion parameters for plexiglass 1-28510
- Drozd, S., Ploszajczak, M.** The time-dependent particles+core model 1-45439
- Drozd, S., Ploszajczak, M.** Formulation of the TDHF theory in the basis evolving with the time 1-45440
- Drozshin, A.I., Sidel'nikov, I.V.** Appearance of dislocation recovery in deformed Si crystals during annealing 1-48376
- Droznial, A.** *see* Kozlik-Kulak, A. 1-53147
- Drube, W., Karschick, G., Skibowski, M., Thies, R., Volkert, K.** Angular resolved photoemission and band structure of layered transition metal dichalcogenides 1-48221
- Druce, S.G., Edwards, B.C.** Development of PWR pressure vessel steels 1-3330
- Drucker, D.C.** Further look at Rayleigh-Taylor and other surface instabilities in solids 1-29598

- Drucker, M.I., Ornedo, R., Dhir, V.K., Duffey, R.B., Catton, I. Effect of sleeves on quenching of a 4-rod bundle 1-5936
- Druckmann, S., Ottolenghi, M. Electric dichroism in the purple membrane of *Halobacterium halobium* 1-39959
- Druett, J.E. see Robertson, J.C. 1-49141
- Druetta, M. see Buchet, J.P. 1-14839
- Druetta, M. see Carre, M. 1-1297
- Drugachenok, M.A. see Gol'tsev, V.P. 1-18734
- Druger, S.D. On the relation between random coupling and sequential intramolecular dynamics 1-1299
- Drugge, B., Nordlander, E. Laser scanning technique for the detection of resistivity inhomogeneities in silicon using liquid rectifying contacts 1-12138
- Drugowich de Felicio, J.R., Redondo, D.M. Linear collisions revisited 1-40624
- Drullat, A. see Guedalia, D. 1-44326
- Drukarev, E.G. On the forward dispersion relation for positron-atom scattering for the case of an anomalous threshold 1-46117
- Drukarev, E.G. On radiative corrections to ionization losses in matter 1-47132
- Drukarev, G.F. Effective range approximation for the scattering of particles with nonzero angular momentum 1-49992
- Drukier, A.K. The creation of magnetic monopoles in outer gaps of pulsars 1-40514
- Drulis, H., Hoffmann, K.P., Stalinski, B. Magnetic and ESR studies of Er^{3+} in lanthanum dihydride LaH_2 1-43007
- Drum, B. Rod-cone interaction in the dark-adapted fovea 1-39908
- Drumheller, D.S., Bedford, A. A thermomechanical theory for reacting immiscible mixtures 1-6905
- Drumheller, J.E., Seifert, P.L., Zaspel, C.E., Snively, L.O., Emerson, K. Structure and magnetic studies of bis-piperidinium tetrachlorocuprate 1-34341
- Drumm, H., Eichler, R., Granz, B., Heintze, J., Heinzelmann, G., Heuer, R.D., von Krogh, J., Lennert, P., Nozaki, T., Riesberg, H., Wagner, A., Warming, P. Experience with the jet-chamber of the JADE detector at PETRA 1-14762
- Drumm, H. see Bartel, W. 1-18500, 1-45253, 1-45254
- Drumm, H. see O'Neill, L.H., Jr. 1-50443
- Drummond, B.J. see Devine, T.M. 1-26673
- Drummond, I.W. Examination of contamination on electrical insulators by XPS 1-8199
- Drummond, P.D. Observables and moments of cooperative resonance fluorescence 1-1166
- Drummond, P.D. Optical bistability in a radially varying mode 1-46424
- Drummond, P.D., McNeil, K.J., Walls, D.F. Statistical properties of an incoherently driven non-linear interferometer 1-340
- Drummond, P.D., McNeil, K.J., Walls, D.F. Non-equilibrium transitions in sub/second harmonic generation. II. Quantum theory 1-46448
- Drummond, P.D. see Konopnicki, M.J. 1-51564
- Drummond, T. see Kever, M. 1-34778
- Drummond, T.J. see Morkoc, H. 1-3624
- Drummond, T.J. see Witkowski, L.C. 1-42848, 1-42849
- Drummond, W.E., Stewart, W.D. Automated energy-dispersive X-ray fluorescence analysis 1-45087
- Drunen, C. Van see Van Drunen, C.
- Drunen, G. Van see Van Drunen, G.
- Drury, L.O.C. On normal modes of gas sheets and discs 1-13679
- Drury, M.J., Niblett, E.R. Buried ocean crust and continental crust geomagnetic induction anomalies: a possible association 1-35950
- Drusch, P. see Bonnemay, A. 1-28678
- Drusco, M. Di see Di Drusco, M.
- Druzakoi, A.G. see Biryukov, Yu.A. 1-5645
- Druzhinia, A.A. Magnetic susceptibility of mixed-valence states 1-20955
- Druzhinia, A.A. On the valence transition mechanism of rare earth metal compounds 1-30684
- Druzhinia, A.A., Pitsyn, G.A., Potapov, V.K., Khudyakov, S.V. Homogeneous condensation of isotopic mixtures excited selectively by laser radiation 1-46144
- Druzhinia, A.A., Tunitskii, N.N. Symmetry properties of the diffusion tensor in the theory of new phase formation 1-42522
- Druzhinia, A.V. see Gurkov, Y.V. 1-31299
- Druzhinin, V.G. see P'yanykh, E.G. 1-31400
- Druzhinin, V.V., Pavlovskii, A.I., Tatsenko, O.M., Dolotenko, M.I., Bykov, A.I., Kolokol'chikov, N.P. Cyclotron resonance at optical frequencies in Bi in superstrong magnetic field 1-26041
- Druzhinin, V.V. see Lykov, E.L. 1-52772
- Druzhinin, V.V. see Mironov, L.V. 1-7882
- Druzhinin, V.V. see Starodubtsev, Yu.N. 1-7883
- Dryapokhina, Yu.V., Lokshin, V.A., Stavinskaya, N.V., Fetisov, V.S. Resonance testing of polymer tubes 1-31815
- Dryden, J.S. see Cook, J.S. 1-2685, 1-52171
- Dryer, M. see Wu, S.T. 1-54434
- Drya, M. Phase equilibria in the niobium-gallium-manganese system at 900°C 1-31423
- Drys, M. see Sosnowski, J. 1-38893
- Drzewiecki, T.M. Design considerations for a fluorine laminar jet angular rate sensor 1-36626
- Dschao, K., Glaser, M., Helmcke, J. I₂ stabilized He-Ne lasers at 612 nm 1-36613
- D'Silva, A.P. see Floyd, M.A. 1-49399
- D'Silva, P. see Iles, M.K. 1-15188
- D'Souza, M., Kumar, A. Two-photon optical transients by intensity switching 1-1196
- Du, P. Le see Le Du, P.
- Du, Y. see Li, D. 1-7901
- Du Marchie Van Voorthuysen, E.H., De Voigt, M.J.A., Blasi, N., Jansen, J.F.W. Band structures in ^{98}Ru and ^{99}Ru 1-50483
- du Tremolet de Lacheisserie, E. see Morin, P. 1-21030
- Du Wen-Fu An application of the golden section method in the magnet design for accelerator 1-45746
- Du Xingyuan see Zhou Zidong 1-9224
- Dua, S.K., Mayya, Y.S., Kotrappa, P. Equilibrium charge distribution on doublets and triplets of uniform 0.500 μm diameter polystyrene spheres—an experimental study 1-21792
- Dua, S.K. see Kotrappa, P. 1-6039
- Duan, W. see Cao, J. 1-29923
- Duan Feng, Nai-Ben Ming, Jing-Fen Hong, Yong-Shun Yang, Jin-Song Zhu, Zhen Yang, Ye-Ning Wang Enhancement of second-harmonic generation in LiNbO_3 crystals with periodic laminar ferroelectric domains 1-15217
- Duan Feng see Feng Duan
- Duan Yi-shi see Ge Mo-lin 1-18379
- Duan-Bao Chen see Chen Duan-Bao
- Duando, J.A., Hug, W.F., Lucero, J.A. Polarization induced noise in acousto-optic (AO) modulation of internal mirror He-Ne laser beams 1-46412
- Duarte, F.J., Piper, J.A. A double-prism beam expander for pulsed dye lasers 1-15193
- Duarte De Oliveira, J. see Novello, M. 1-44795
- Duarte-Ramos, H. Point-plate electrode configuration with injected unipolar space charge 1-16523
- Duarte-Ramos, H. Influence of the electrical field and space charge on treeing of dielectrics 1-43066
- Duba, A. see Trimmer, D. 1-49260
- Dubach, J., Silbar, R.R., Kloet, W.M. 'Soft-pion' production in the reaction $\text{NN} \rightarrow \text{NN}\pi$ 1-33198
- Duband, D. see Guillot, P. 1-49417
- Dubault, A., Casagrande, C., Veyssie, M., Deloche, B. Pseudo clearing temperature in binary polymer-nematic solutions 1-16031
- Dubbers, F. see Funke, L. 1-10301, 1-50485
- Dube, A. see Phalswal, D.R. 1-42149
- Dube, M. see Hahn, Y. 1-10620
- Dube, R. see Badier, J. 1-10218, 1-10582, 1-14430
- Dube, R. see Boucrot, J. 1-1039, 1-14784
- Dubucky, F. see Hrivnak, L. 1-20751
- Dubenets, V.G. Use of the Hamilton-Ostrogradskii principle in the vibration theory of dissipative systems 1-29615
- Dubertret, A. see LeLann, A. 1-48341
- Dubetskii, B.Ya. see Baklanov, E.V. 1-51177
- Dubetskii, S.A. see Panasyuk, V.V. 1-37797
- Dubey, B.L., Lakshmi, Das, I., Tiwari, B.N., Tripathi, A. Crystal data of new rare-earth thalates $\text{M}^{III}\text{TiO}_3$ ($\text{M} = \text{La}, \text{Nd}$) 1-30175
- Dubey, G.S., Bansal, R., Pathak, K.N. Frequency moments and dynamical correlation function of liquid lead 1-20046
- Dubey, G.S., Jindal, V.K., Pathak, K.N. Frequency spectrum of velocity auto-correlation function of liquid rubidium 1-52048
- Dubey, K.S. Role of three phonon normal processes in the analysis of the thermal conductivity of solid HD at low temperatures 1-25513
- Dubey, K.S. Scattering of phonons by charge carriers and peripheral phonons and lattice thermal conductivity of a metal at low temperatures. Application to Sb 1-25695
- Dubey, K.S. Heat transfer in a lattice having core dislocations at low temperatures 1-30492
- Dubey, K.S. Phonon conductivity correction term: application to P-doped Ge 1-52240
- Dubey, K.S. see Boghosian, H.H. 1-38801
- Dubey, K.S. see Saleh, A.F. 1-2710, 1-34524, 1-38604
- Dubey, R.C. see Kelkar, R.R. 1-22291
- Dubey, R.C. see Pande, M.C. 1-32685
- Dubey, R.K. see Pathak, R.P. 1-6896
- Dubi, A., Dudziak, D.J. High-order flux perturbations 1-45582
- Dubi, A., Gerstl, S.A.W. Application of biasing techniques to the contribution Monte Carlo method 1-10402
- Dubiel, L., Ferguson, J., Geue, R.J., Sargeant, A.M. Circular dichroism of cobalt (III) complexes: dependence on the outer sphere configuration 1-1266
- Dubiel, R.W. Health physics problems at TMI 1-18795
- Dubiel, S.M. Influence of chromium on ^{115}Sn site hyperfine fields in Fe-Cr alloys 1-34964
- Dubik, A., Jach, K., Owsik, J. Evaluation of laser beam concentration taking account of diffraction effects 1-19376
- Dublik, B. Evaluation of wave aberrations of objectives. I. The direct and inverse problem of shearing interferometry 1-18290
- Dubin, S., Loring, R., Weiher, J., Herr, A. Statistical treatment of cardiac vectors 1-13346
- Dubin, E.M. see Podgorny, I.M. 1-49554
- Dubinina, S.F., Teplouchov, S.G., Sidorov, S.K., Izumov, Yu.A., Syromyatnikov, V.N. Magnetic structure of the Fe-Ni Invar alloys 1-7810
- Dubinina, S.F., Teplouchov, S.G., Izumov, Yu.A., Syromyatnikov, V.N., Sidorov, S.K. Symmetrical relationship of phases during the martensitic transformation in iron-nickel invar alloys 1-43335
- Dubinski, M.A., Livanova, L.D., Stolon, A.L. Interconfigurational transitions in the Eu^{2+} ion in KMgF_3 and KZnF_3 crystals 1-21428
- Dubinskii, Yu., Ilchenko, I., Miroshchichenko, L.I. Analysis of solar cosmic ray flare of 22 November 1977 1-36134
- Dubinsky, Z. see Falkowski, P.G. 1-35815
- Dubkov, S.L. see Samsonenko, N.V. 1-40949
- Dubler, F., Fritsch, H.-G. $\text{SW-X}_2\text{-SCF}$ calculations of clusters with transition-metal atoms. I. Choice of suitable cluster model for the dissociative adsorption and atomic adsorption from the viewpoint of muffin-tin potentials 1-51333
- Dublon, G., Habbal, F., Bevk, J. High-field magnetoresistance of polycrystalline ZrZn 1-30723
- Dublon, G., Rosenblum, M.P., Weterling, W.T. Magnetic properties of compositionally modulated Pd/Fe films 1-12361
- Dublon, G. see Takeshita, T. 1-30417
- Dubnicka, M. A contribution to the formation of thin polycrystalline Si-layers obtained by the pyrolytic decomposition of silane 1-12664
- Dubnicka, M. The influence of B and P impurities in a thin film of polycrystalline silicon for semiconductor engineering 1-42409
- Dubnicka, M. see Ruzinsky, M. 1-52893
- Dubnicka, S. see Dubnickova, A.Z. 1-45282
- Dubnickova, A.Z., Dubnicka, S. Comments on the pion form factor and its asymptotic behaviour 1-45282
- Dubno, J.R., Levitt, H. Predicting consonant confusions from acoustic analysis 1-37716
- Dubnov, L.V. see Bogdanovskaya, E.I. 1-26479
- Duboc, J. see de Billy, L. 1-23512
- Dubois, D. see Le Bas, J. 1-30849
- DuBois, D.F. Renormalized plasma turbulence theory: a quasiparticle picture 1-46887
- DuBois, D.L. see Eaton, S.S. 1-24177
- Dubois, F. Acoustic absorption of particulate materials. A brief bibliographic synthesis 1-11214
- Dubois, H. see Biskupski, G. 1-42796
- Dubois, I. see Houbrechts, Y. 1-1251
- Dubois, J., Link, F. Photometric analysis of the lunar eclipse of 16 September 1978 [atmosphere absorption] 1-22702
- Dubois, J. see Taylor, F.W. 1-22286
- Dubois, J.C., Hareng, M., Le Berre, S., Perbet, J.N. Dielectric and hydrodynamic instabilities in certain classes of discotic mesophases 1-46990
- Dubois, J.E. see Albert, J.L. 1-50227
- Dubois, J.E. see Bachiri, M. 1-29143
- Dubois, J.-E., Panaye, A., Cayzergues, P. DARC code. Choosing Orions in 3D stereochemistry 1-14788
- Dubois, J.-E. see Bienvenue, E. 1-48717
- Dubois, L.H., Hansma, P.K., Somorjai, G.A. The application of high resolution electron energy loss spectroscopy to the study of model supported metal catalysts 1-25551
- Dubois, L.H. see Castner, D.G. 1-53470
- Dubois, M., Berge, P. Boundary layer instabilities in a convecting fluid. Evolution towards turbulence 1-31769
- Dubois, M., Samain, A. Evolution of magnetic islands in Tokamaks 1-6953
- Dubois, M.A., Marty, D.A., Pochelon, A. Method of cartography of $q=1$ islands during sawtooth activity in Tokamaks 1-29861
- DuBois, R., Rodbro, M. Near-threshold alignment and post-collision interactions for argon L_γ $\text{M}_{2,3}(\text{S}_0)$ Auger interactions 1-6219
- DuBois Murphy, P. see Cheung, T.T.P. 1-19118
- Dubois-Violette, E. see Pieranski, P. 1-35579
- Duboscq, G. A comparison between observed and predicted values for the entrainment coefficient in the planetary boundary layer 1-9203
- Duboul-Razavet, C. see Longuemard, J.P. 1-46615
- Dubourg, J.D. Non-destructive testing by means of holographic interferometry of wound pressure vessels 1-17016
- Dubov, B.S., Kosov, L.I. Metrological security system for strain-gauge resistors 1-14110
- Dubovik, T.V. see Gurvich, O.S. 1-35401
- Dubovik, T.V. see Samsonov, G.V. 1-21402
- Dubovik, V.M., Tosnyan, L.A. Estimation of parity violation effects in quasi-nuclear systems 1-41052

- Dubovoi, E.I. Resonant states of ^6Li and ^7Li 1-23615
- Dubovoi, E.I., Podlipchuk, V.Yu. Determination of the neutron-neutron scattering length in the case of inelastic neutron-deuteron scattering 1-23650
- Dubow, J. see Gale, R.J. 1-48868
- DuBow, J. see Genis, A.P. 1-43780
- DuBow, J. see Rajeshwar, K. 1-40117
- DuBow, J. see Singh, P. 1-42858
- Dubow, J.B. see Smith, P. 1-26832
- Dubowik, J., Baszynski, J. Superparamagnetic properties of thin films and small particles of magnesium ferrite 1-7898
- Dubreuil, B. see Catherinot, A. 1-46943
- Dubreuil, B. see Menard, H. 1-53506
- Dubrovina, B.A., Novikov, S.P. Ground states of a two-dimensional electron in a periodic magnetic field 1-5546
- Dubrovina, V.M. see Aleksandrov, Yu.N. 1-13717
- Dubrovina, V.Yu. see Kirshik, A.F. 1-24983
- Dubrovina, A.I. see Morokhov, I.D. 1-26775
- Dubrovskaya, G.N. see Roman, O.V. 1-35266
- Dubrovskii, G.B., Belyanskii, V.I. Selection rules and absorption lineshapes for electron transitions between minizones in a superlattice 1-43085
- Dubrovskii, G.P. see Grekov, F.F. 1-30168
- Dubrovskii, G.V., Vyunenok, L.F. Theory of vibrational-rotational excitation of diatomic molecules based on the generalized eikonal technique 1-41368
- Dubrovskii, K.E. Effect of uniform all-around compression on supporting capacity 1-11357
- Dubrulle, A. see Boucher, D. 1-13836, 1-51189
- Dubuisson, A., Aides, D., Fontanille, M. Homogeneous epoxy-acrylic interpenetrating polymer networks: preparation and thermal properties 1-48318
- Dubuisson, B., Lavison, P. Surveillance of a nuclear reactor by use of a pattern recognition methodology 1-23786
- Dubuisson, B. see Faure, C. 1-40017
- Dubuisson, B. see Lechappellier, M. 1-4165
- Dubuisson, B. see Val, N. 1-53922
- Ducassou, D., Brendel, A.J., Roudaut, R., Beylot, J. Detection of atrial myxomas by radionuclide methods 1-49115
- Ducastelle, F., Treglia, G. Thermodynamic derivation of the coherent potential approximation and ordering processes in transition alloys 1-7499
- Ducastelle, F. see Treglia, G. 1-20843, 1-38710
- Ducatel, D. see Sarayan, J.P. 1-40482
- Ducati, U. see Cavallotti, P. 1-43679
- Duce, R.A., Unni, C.K., Ray, B.J., Prospero, J.M. Long-range atmospheric transport of soil dust from Asia to the tropical North Pacific: temporal variability 1-44280
- Duch, E. Identification of Paschen series in emission in the spectrum of the long-period variable star R Cas 1-17847
- Duch, W. Large scale N-fermion calculations 1-14826
- Duch, W. The direct configuration interaction method for general multireference expansions: symmetric group approach 1-51140
- Duchateau, P. see Cannon, J.R. 1-19542
- Duchemin, J.P. see Hirtz, J.P. 1-41719
- Duchet, M., Flocon, B., Sap, J. Laser beam propagation through fog 1-40195
- Duchkov, A.D., Kazantsev, S.A., Velinskii, V.V. Heat flow of Lake Baikal 1-44155
- Duchossois, G. Potential European climatological satellite missions: SEOS and BIRAMIS 1-13580
- Duchovni, E. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Duck, F.A., Starritt, H.C., Davies, A.R. Errors in measurement of kVp and exposure time from the presence of a pre-magnetization pulse 1-26978
- Duck, I., Umland, E. NN and π D reduced widths of dibaryon resonances 1-14470
- Duck, I. M. see Hoffeizer, J.H. 1-41142
- Duck, P. see Treu, W. 1-23618
- Duck, P.W. Linear centrifugal instability of a thick Stokes' layer 1-19730
- Duck, P.W., Foster, M.R. The inviscid stability of a trailing line vortex 1-24823
- Duckett, R.A. Transitions between crazing, fracture and yield under hydrostatic pressure 1-8419
- Duckstein, L. see Flug, M. 1-36007
- Duckworth, H.E. see Koziar, K.S. 1-1397
- Duckworth, R.G. Tribological coatings deposited by red-hot rod target sputtering 1-30591
- Duckworth, W.H., Rosenfield, A.R. Effects of stress state on ceramic strength 1-16893
- Duclos, J. Computerized UV-vis spectroscopy 1-45032
- Duclos, J. see Adam, M. 1-23909
- Duclos, J. see Bardin, G. 1-45469
- Duclos, J. see Nemethy, P. 1-45183
- Ducloy, M. see Bloch, D. 1-37549
- Ducourant, B. see Bonnet, B. 1-15876
- Ducourtieux, J.P. see Bonfanti, J.C. 1-8822
- Ducroco, C., Roques-Carnes, C., Beranger, G. Comparative determination of the concentration profile of oxygen dissolved in zirconium after oxidation at 800°C by secondary ion emission and by the nuclear reaction $^{16}\text{O}(d,p)^{17}\text{O}$ 1-21635
- Ducroux, R., Fromont, M., Baptiste, P.J., Patoret, A. Content measures of the redistribution of O_2 under thermal gradient in UO_{2+x} 1-5846
- Duda, S.J. see Upadhyay, S.K. 1-4454
- Dudarev, E.F. see Bratchikov, A.D. 1-35216
- Dudarev, E.F. see Ovcharenko, V.E. 1-12690, 1-39282
- Dudek, J. Single-particle structure effect on high-spin nuclear states 1-45389
- Dudek, J., Nazarewicz, W., Rozmej, P. Calculations of thenuclear equilibrium deformations and moments using a consistency condition for the macroscopic and microscopic parts of the Strutinsky energy formula 1-14459
- Dudek, J., Szymanski, Z., Werner, T. Woods-Saxon potential parameters optimized to the high spin spectra in the lead region 1-41077
- Dudel'zak, A.E. see Denks, V.P. 1-31195
- Duderov, N.G., Dem'yanets, L.N., Lobachev, A.N. Hydrothermal synthesis of iron germanates 1-8207
- Duderov, Yu.G., Mel'nikov, A.M. Refractory material based on porous phosphate filler 1-12707
- Duderstadt, J.J. see Mehlhorn, T.A. 1-6933
- Dudich, I.V. see Timofeev, V.P. 1-48943
- Dudkevich, V.P. see Feronov, A.D. 1-31107
- Dudkin, G.N., Kalinin, B.N., Mameev, V.V. Measurement of the total hadron photoabsorption cross section of the ^{12}C nucleus in the $\Delta(1236)$ resonance energy region 1-18639
- Dudkin, L.D. see Sokolova, V.M. 1-11919
- Dudkin, V.A. Effect of N_2O on the distribution of CO molecules with respect to vibrational levels in a carbon disulfide flame 1-1211
- Dudkin, V.A., Librovich, V.B., Ogurechnikov, V.A., Chizhov, Yu.L. Gasdynamic CO chemical laser using air and carbon disulfide 1-33717
- Dudkin, V.A., Rukhin, V.B., Sannikov, S.P. Chemical CO laser using a CS_2 flame and oxygen-nitrogen mixtures 1-24414
- Dudkin, V.I., Petrun'kin, V.Yu., Tarkhanov, V.I. Observation of echo signals in polycrystalline lithium ferrite in a wide frequency 1-26077
- Dudkin, V.T., Smorodin, F.K., Kosterin, V.A. Geometry of circulation zones downstream of bluff bodies and gasdynamic screens of various forms and blockage ratios 1-29700
- Dudkina, S.I. see Fesenko, E.G. 1-34993
- Dudko, D.Ya. see Bozhko, I.V. 1-25106
- Dudley, H.J.W. see Chivers, R.C. 1-15335
- Dudley, M. see Militat, J. 1-34197
- Dudnik, E.F., Gene, V.V., Mnushkina, I.E. Ferroelastic phase transition in BiVO_4 single crystals 1-7320
- Dudnik, E.F., Kolesov, I.S. New ferroelastics $\text{Pb}_2\text{V}_{10}\text{O}_{13}$ and $\text{Pb}_2\text{P}_{10}\text{O}_{13}$ 1-20302
- Dudnik, E.F., Kolesov, I.S., Orlov, O.L. Domain structure and phase transitions in antiferroelectric ferroelastic lead orthovanadate 1-26150
- Dudnik, E.F. see Avakyan, L.P. 1-12512
- Dudnik, E.F. see Smirnov, P.S. 1-8051
- Dudnik, E.F. see Smolenskii, G.A. 1-8048
- Dudnik, E.F. see Vagin, S.V. 1-7244
- Dudnik, E.M. see Paderno, Yu.B. 1-39183
- Dudnik, I.F. see Kramarov, M.A. 1-3933
- Dudnikov, G.G. see Apolonskii, A.N. 1-33362
- Dudnikova, V.B., Lebedeva, V.N., Rozin, K.M., Shaskolskaya, M.P. Optical investigations of decomposition of the solid solution KCl:Pb 1-20385
- Dudnikova, V.B. see Urusov, V.S. 1-30401
- Dudowicz, J.B. see Rossy, P.J. 1-8574
- Dudukalenko, V.V., Meshkov, S.I., Saraev, L.A. Computation of effective plasticity characteristics of inhomogeneous media 1-15419
- Dudziak, D.J. see Dubi, A. 1-45582
- Dudziak, N. see Klein, J.D. 1-47834, 1-47835
- Dueholm, B. see Soerensen, O.H. 1-16411
- Duel', N.A. see Yuganova, S.A. 1-3697
- Dueland, R.T. see Carter, D.R. 1-53811
- Dueland, R.T. see Vasu, R. 1-22050
- Duenas Fananas, J.A., Cabello, A. Surprisal analysis for the vibrational distributions of CO produced in formaldehyde photodecomposition 1-51181
- Duerbeck, H.W. see Becker, H.J. 1-44574
- Duerdoth, I. see Bartel, W. 1-18500
- Duerdoth, I. see O'Neill, L.H., Jr. 1-50443
- Duerdoth, I.P. see Aston, D. 1-14399, 1-45297, 1-50442
- Duerdoth, I.P. see Bartel, W. 1-45253, 1-45254
- Duerig, T.W., Terlinde, G.T., Williams, J.C. Phase transformations and tensile properties of Ti-10V-2Fe-3Al 1-43376
- Duerinckx, A.J. Modeling wavefronts from acoustic phased arrays by computer 1-51657
- Dufailly, J., Lemaitre, J., Jalilier, J.M., Schmitt, J.H., Baudet, B. Determination of the relative density changes in the presence of high strain gradient 1-35314
- Dufey, J.-P. see Adamovich, M.I. 1-45317
- Dufey, J.-P. see Aston, D. 1-14399, 1-45297, 1-50442
- Dufey, J.-P. see Fiorino, A. 1-50583
- Duff, M.J. see Christensen, S.M. 1-27848
- Duff, T.A. Topography of scalp recorded potentials evoked by stimulation of the digits 1-26917
- Duff, Y. Le see Le Duff, Y.
- Duffait, R. see Elias, N. 1-18548, 1-28365
- Duffey, G.H. Reconciling causality with superluminal travel 1-18007
- Duffey, J.R., Kirby, R.D. Raman investigation of the charge-density-wave mixed-crystal system $1\text{T-TaS}_2\text{-Se}$ 1-48084
- Duffey, J.R. see Kondo, Y. 1-39090
- Duffey, R.B. see Drucker, M.I. 1-5936
- Duffey, R.B. see Kalra, S.P. 1-28556
- Duffey, R.B. see Sehgal, B.R. 1-28667
- Duffey, R.B. see Sun, K.H. 1-5941
- Duffey, T.A. see Lamoreaux, G.H. 1-41206
- Dufft, W.H. A hermetically encapsulated AlGaAs laser diode 1-37506
- Duffy, J. see Wilson, M.L. 1-3880
- Duffy, J.A. see Baucke, F.G.K. 1-21733
- Duffy, J.A. see Binks, J.H. 1-2333
- Duffy, M.R., Britton, N.F., Murray, J.D. Spiral wave solutions of practical reaction-diffusion systems 1-50077
- Duffy, M.T., Berkman, S., Cullen, G.W., D'Aiello, R.V., Moss, H.I. Development and evaluation of refractory CVD coatings as contact materials for molten silicon 1-3604
- Duffy, R.B. see Toman, W.I. 1-50807
- Duflo, J. see Bizard, G. 1-3784
- Duflo, M.I. Unitary representations of complex semi-simple groups 1-5518
- Dufour, C. see Benedict, U. 1-47262
- Dufour, C. see Delaval, J.M. 1-24109
- Dufour, J.P., Fleury, A., Bimbot, R. Secondary reactions as a tool to produce exotic nuclei 1-45526
- Dufour, J.P. see Cabot, C. 1-14537, 1-45546
- Dufour, L. see Douchamps-Lefevre, C. 1-4591
- Dufour, L.-C. see Jouini, A. 1-3619
- Dufour, R.J. see Jensen, E.B. 1-54610
- Dufour, R.J. see Talbot, R.J., Jr. 1-4983
- Dufournaud, J. see Davidov, V.A. 1-1023
- Dufresne, D. see Autric, M. 1-40197
- Dufresne, D. see Burnot, Ph. 1-39189
- Dufresne, E.N., Kaplan, W.D., Zimmerman, R.E., Rose, C.M. The application of internal mammary lymphoscintigraphy to planning of radiation therapy 1-4361
- Dufresne, J.F. see Ritchie, I.G. 1-20313
- Duffon, P.L., Kane, L., McKeith, C.D. The nitrogen to hydrogen abundance in main sequence B-type stars 1-36286
- Duffon, P.L., Kingston, A.E. Electron impact excitation of the $^{2p} \rightarrow ^4p$ transition in S IV 1-10846
- Duffon, P.L. see Kane, L.G. 1-44593
- Dufschmid, K.E. The automated/computerized TLD personnel monitoring system in Austria 1-6055
- Dugan, E.T. see Diaz, N.J. 1-14583, 1-18717, 1-18875
- Dugan, J.P. see Emery, W.J. 1-27188
- Duganov, V.V. see Glazkov, V.M. 1-15529
- Duganov, V.V. see Vinogradov, V.A. 1-24837
- Dugar-Zhabon, V.D. see Golovanivskii, K.S. 1-25049
- Dugay, M., Roustain, J. Toward a very simple picture of disorder effects in one-dimensional organic conductors 1-16279
- Duggal, S.P., Pomerantz, M.A., Tsao, C.H. Remarkable anisotropic cosmic-ray intensity oscillation 1-4728
- Duggal, V.P. see Ashwini Kumar, P.K. 1-52706
- Duggan, F., Lassaut, M., Michel, F., Vinh Mau, N. Antisymmetrization and density-dependent effects within the folding model approach to α -nucleus scattering 1-50608
- Duggan, F. see Griffiths, R.J. 1-41122
- Duggan, M.F. An experimental evaluation of the slotted-tension shear test for composite materials 1-21653
- Duggan, M.F. Combined-load testing of the space-shuttle insulation at 1100°C 1-48602
- Dugger, G.L., Henderson, R.W., Francis, E.J., Avery, W.H. Projected costs for electricity and products from OTEC facilities and plantships 1-53647
- Dugger, W. see Sadowski, H. 1-5387
- Duggin, M.J. The field measurement of reflectance factors 1-4654
- Duglav, A.V., Koloskova, N.G., Kochelaev, B.I., Khasanov, K.H. Relaxation absorption of sound under conditions of a dipole-dipole interaction temperature shift 1-34933
- Duglav, L.N., Loginova, I.S., Mitrofanov, Yu.F., Meiklyar, P.V. Photoelectric properties of silver bromochloride emulsion layers 1-28105
- Dugleux, P., De Almeida Marques, S. Preparation of metal powders of groups VI and VIII (Fe, Co, Ni) by the vapor phase reduction of their chlorides pure or in binary mixtures 1-43297
- Duguay, M.A. see Damen, T.C. 1-51529

- Dague, C., Emery, J., Pethrick, R.A. Ultrasonic and ^{13}C NMR studies of isomeric octanols 1-20322
- Dague, J. see Benazeth, S. 1-25293
- Dugundji, J. see Crawley, E.F. 1-19608
- Duhsime, M. see Allard, P. 1-44049
- Duhaj, P., Hanic, F. Metastable Fe/B phase in amorphous Fe-B alloys 1-38287
- Duhaj, P., Mrafko, P. Metallic glasses—fabrication, structure and crystallization 1-15803
- Duhaj, P. see Potocky, L. 1-47901
- Duhamel, G. see Perrin, G. 1-50577
- Duhamel, P., Gosse, J. Thermal analysis for a composite wall having one surface subject to a crenelated variation of the ambient temperature 1-29509
- Duijnen, P.T. van see van Duijnen, P.T.
- Duijveman, A. see Hoyng, P. 1-27368
- Duinen, R.J. van see van Duinen, R.J.
- Duinen, R.J. van see van Duinen, R.J.
- Duing, W., Molinari, R.L., Swallow, J.C. Somali Current: evolution of surface flow 1-27208
- Duinker, P., Luckey, D. In search of gluons 1-23507
- Duinker, P. see Barber, D. 1-14407
- Duinker, P. see Barber, D.P. 1-534, 1-28309
- Duinker, W., Boersma, C.R. Observation of energy shifts due to K-shell ionization in the reactions $^{26}\text{Mg}(p,\gamma)^{26}\text{Al}$ and $^{26}\text{Al}(p,\gamma)^{26}\text{Si}$ 1-50600
- Duinker, W., van Eck, J., Niehaus, A. Experimental evidence for the influence of inner-shell ionization on resonant nuclear scattering 1-29107
- Duisman, J.A. see Feldman, B.J. 1-48129
- Dujardin, B. see Blot, F. 1-22180
- Dujardin, C. see Ajienko, I.V. 1-5667
- Dujardin, C. see Chliapnikov, P.V. 1-599
- Dujardin, C. see Saudraix, J. 1-5666
- Dujardin, G., Leach, S., Taieb, G., Maier, J.P., Gelbart, W.M. Radiationless transitions in molecular ions: monochloroacetylene and dichloroacetylene cations 1-37236
- Dujardin, G. see Leach, S. 1-19130
- Dujardin, J., Carnet, J. Acoustic propagation is a non-homogeneous discontinuous medium: numerical methods using finite elements with automatic mesh generation 1-24574
- Dujardin, J.-M. Concrete examples of flood-forecasting methods for small catchment areas 1-49301
- Dujka, B. see Struck, B.D. 1-39840
- Duk N. Yoon see Chan Hyoung Kang 1-53182
- Duk-In Choi see Wiley, J.C. 1-19862
- Duke, C.B. Non-traditional approaches to solid-electrolyte interfaces: trends and prospects [lecture] 1-32793
- Duke, C.B., Meyer, R.J. Electron transfer in pendant-group and molecularly doped polymers 1-52892
- Duke, C.B., Meyer, R.J., Mark, P. Trends in surface atomic geometries of compound semiconductors 1-20521
- Duke, C.B., Paton, A., Meyer, R.J., Brillson, L.J., Kahn, A., Kanani, D., Carelli, J., Yeh, J.L., Margaritondo, G., Katnani, A.D. Atomic geometry of GaAs(110)-p(1×1)-Al 1-42612
- Duke, C.B. see Meyer, R.J. 1-7052, 1-11962, 1-34557
- Duke, C.B. see Thomas, H.R. 1-35146
- Duke, D.W., Owens, J.F. Photon structure function as calculated using perturbative quantum chromodynamics 1-14391
- Duke, D.W., Owens, J.F. Momentum distributions for J/ψ photoproduction 1-14400
- Duke, G.A. see Garscadden, A. 1-38046
- Duke, J.M. see Naldrett, A.J. 1-32410
- Dukhanov, V.I., Kurashov, A.A., Mazurov, I.B., Serikov, I.N. Microchannel-plate timing detector 1-1012
- Dukhin, A.S. see Dukhin, S.S. 1-17062
- Dukhin, A.S. see Malkin, E.S. 1-53482
- Dukhin, S.S., Knyaz'kova, T.V. Colloid-electrochemical aspects of formation and functioning of dynamic membranes. Single-layer colloid membranes 1-48726
- Dukhin, S.S., Malkin, E.S., Dukhin, A.S. Noninertial electrophoretic and diffusioosmotic drift of particles in nonuniform, alternating electric fields 1-17062
- Dukhin, S.S. see Deryagin, B.V. 1-53481
- Dukhopel, I.I., Fedina, L.G. Holographic interferometer for checking lens deformations 1-1520
- Dukhovnii, I.S., Fridman, A.A., Korzhov, V.P., Schmidt, V.V., Zarubina, A.A. Flux pinning centres in solid-state diffusion processed superconducting Nb₃(AlGe) alloyed with Cu 1-25847
- Dukhovnii, I.S., Korzhov, V.P., Bazan, Ch. High critical current density Nb₃Al and Nb₃(AlGe) tapes up to 14 T 1-3125
- Dukhovnyi, A.M., Korolev, A.E., Staselko, D.I. Features of the measurement of the spatial coherence of laser emission by interferometric and holographic methods 1-6592
- Dukhovnyi, A.M. see Bayanov, V.I. 1-37441
- Dukhovskoi, E.A. see Aparin, V.I. 1-31677
- Dukhovskoi, I.A. see Abramov, B.M. 1-992
- Dukler, A.E. see Taitel, Y. 1-2057
- Dulcey, C.S., McGee, T.J., McIlrath, T.J. Laser induced fluorescence in NO₂: absolute fluorescence cross sections and quantum yields 1-14953
- Dulic, A., Flytzanis, C., Tang, C.L., Pepin, D., Fetizon, M., Hoppilliard, Y. Length dependence of the second-order optical nonlinearity in conjugated hydrocarbons 1-41519
- Duley, W.W. Evidence for Mg and (Fe, Si) phase separation in interstellar dust 1-9631
- Duley, W.W. Redox reactions and the optical properties of interstellar grains 1-25755
- Duley, W.W., Williams, D.A. H₂ fluorescence and the diffuse galactic light in the vacuum ultraviolet 1-49777
- Duley, W.W. see Sayer, R.J. 1-26281
- Duley, W.W. see Young, W.A. 1-6223
- Dulick, M. see Linton, C. 1-41417
- Dulieu, B. see Walch, J.-P. 1-24779
- Dulk, G.A. Radio and white-light observations of coronal transients 1-4898
- Dulk, G.A. see Gary, D.E. 1-4891
- Dulk, G.A. see Suzuki, S. 1-4888
- Dullforce, T.A. Experiments related to the design and performance of in-pool core catchers 1-5890
- Dul'nev, G.N., Meshkovskii, I.K., Novikov, V.V., Sokolov, I.A. Conductivity in allotropic phase transitions 1-16037
- Dul'nev, G.N., Novikov, V.V. Conductivity determination for a filled heterogeneous system 1-12159
- Dul'nev, G.N., Zarichnyak, Yu.P., Kuznetsov, Yu.V., Pol'shchikov, B.V. Analysis of thermal model of the contact heat transfer of rough surfaces 1-46657
- Dul'nev, S.G. see Popov, V.N. 1-46842
- Dulov, B.S. see Beklemishev, A.I. 1-5303
- Dulson, P. AGR design and simulator reference dynamic total plant models 1-28572
- Dultz, W., Rehber, E., Ploner, J. The phase diagram of the mercury (I) halides 1-34477
- Duluc, J. see Albert, J.L. 1-50227
- Duma, G. see Adam, A. 1-40058
- Dumais, J.-F. Two and three-dimensional interfacial dynamics 1-23134
- Duman, E.L., Men'shikov, L.I. Stripping of uranium ions of energy over 60 GeV 1-28779
- Duman, E.L., Smirnov, B.M. Tables of cross section of resonance charge transfers for transition elements 1-13943
- Dumant, J.-M. see Spano, P. 1-19373
- Dumas, C. see Godefroy, G. 1-26139
- Dumas, D.B., Dorman, H.J., Latham, G.V. A re-evaluation of the August 16, 1931 Texas earthquake 1-32356
- Dumas, F. see Rimbert, J.N. 1-48951
- Dumas, J. Nuclear magnetic resonance of ^{51}V in $(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_3$ ($0 < x < 1$) powders 1-26059
- Dumas, J., Schlenker, C., Buder, R. The vanadium bronzes $\text{Na}_x\text{V}_2\text{O}_5$ 1-12274
- Dumas, J.P. see Saint-Guirons, H. 1-38507
- Dumas, J.-P. see Bosio, L. 1-52125
- Dumas, P.Y., Lapasset, J., Vicat, J. Neutron diffraction refinement of triptotassium monosodium bis(dihydrogenpyrophosphate) 1-15864
- Dumas, R. see Elena, M. 1-1931
- Dumay, J.M. see Bourgat, J.F. 1-24691
- Dumbrajs, O. The $\pi^+\text{H}^-$ coupling constant and the $p^+\text{H}^-$ charge exchange 1-5776
- Dumbrajs, O. Pion coupling to the $A=6$, $A=12$, and $A=14$ nuclei 1-14526
- Dumbrajs, O. Electron scattering with the excitation of the 15.11 MeV state of ^{12}C and the $\pi^{12}\text{C}$ coupling constant 1-18570
- Dumbrajs, S. see Batyunya, B.V. 1-600
- Dumbrajs, S. see Boos, E.G. 1-5661
- Dumitras, D. see Alexandrescu, R. 1-51522
- Dumitras, D.C. Contributions to the investigation of CO₂ waveguide lasers 1-15151
- Dumitrescu, H., Cleja, V., Savulescu, S. A new prediction method of the turbulent boundary layer characteristics near separation. I. Analytical treatment 1-24772
- Dumitrica, A. see Tudor, T. 1-33795
- Dumitriu, M.T. see Logofatu, M.A. 1-34738
- Dumke, W.P. On laser annealing and lattice melting [of Si] 1-31244
- Dumke, W.P. Minority carrier injection and storage into a heavily doped emitter. Approximate solution for Auger recombination 1-34781
- Dumon, B. see Thibaud, M. 1-51906
- Dumont, J.J. see Barth, M. 1-41018, 1-45377
- Dumont, J.J. see de Mendez, M. 1-51621
- Dumont, M. see Dagonnier, R. 1-42968
- Dumont, P.D. see Baudinet-Robinet, Y. 1-46101
- Dumont, R.S. see Mewald, C.G. 1-28554
- Dumoulin, L. see Bernas, H. 1-34363
- Dumoulin, L. see Snidower, L. 1-30861
- Dumoulin, M.-T. see Gay, J. 1-4792
- Dumoulin, Ph. see Guillou, R. 1-43500
- Dumps, L. see Barranco Luque, M. 1-14745
- Dun, H., Stevenson, D.A. Observations on binary clusters formed upon expansion of argon mixtures 1-24304
- Dun, K. van see van Dun, K.
- Dunayev, A.A. see Apkhikh, N.N. 1-43331
- Dunaev, F.N., Tkachenko, G.I. Mechanism of hysteresis energy loss in rotational magnetic reversal 1-7881
- Dunaev, F.N. see Gorlanova, M.A. 1-7884
- Dunaev, F.N. see Pushkarskii, V.I. 1-7880
- Dunaev, V.V., Kuchinskii, V.V., Pavlov, S.V. Interferometric determination of the parameters of a Voigt profile 1-2237
- Dunayev, V.P. see Malyshev, A.D. 1-26686
- Dunayevskii, S.M. see Burmistrova, O.P. 1-2827
- Dunaizter, A.F., Konoplyanikov, A.K., Leonenko, D.A., Rybakov, V.G., Sen'ko, V.A., Soldatov, M.M., Sytin, A.N., Yakimchuk, I.I. Electronics for drift chambers operating in high intensity particle beams 1-14776
- Dunand, A., Ferguson, J., Puza, M., Robertson, G.B. Conformational effects in the absorption spectra and photochemistry of [2.n(9,10)anthracenophanes ($n=2,3$)] 1-35554
- Dunand, A., Ferguson, J., Robertson, G.B. Solid state photochemistry and photophysics of 1,3-di(9-anthryl)propane in its photoisomer single crystal 1-31877
- Dunbar, I.H. see Alcock, J.W. 1-36839
- Dunbar, R.C., Turner, D.W. Ionic and neutral optical emissions induced by He(I α) excitation of nitriles 1-19178
- Dunbar, W.S., Boore, D.M., Thatcher, W. Pre-, co-, and postseismic strain changes associated with the 1952 $M_s=7.2$ Kern County, California, earthquake 1-54000
- Duncan, A., Gupta, S., Mueller, A.H. Renormalization group approach to Sterman-Weinberg jets 1-14403
- Duncan, C., Raven, A., Rumsby, P.T. Zone plate coded radiography of laser driven ablative implosions 1-25062
- Duncan, J.E., House, P.A., Wright, G.W. Spent-fuel handling system for a geologic storage test at the Nevada test site 1-23817
- Duncan, J.L., Hamilton, E. An improved general harmonic force field for ethylene 1-51075
- Duncan, J.L., McKean, D.C., Torto, I. Diborane—an infrared spectra of gaseous and crystalline phases, and a complete vibrational assignment 1-41379
- Duncan, M.A. see Dietz, T.G. 1-37283
- Duncan, M.D., Osterlin, P., Byer, R.L. Pulsed supersonic molecular-beam coherent anti-Stokes Raman spectroscopy of C₂H₂ 1-41387
- Duncan, M.M., Menendez, M.G. Some similarities and differences in collisional electron loss of H⁺, H₂⁺, and He⁺ 1-46105
- Duncan, P.M., Hwang, A., Edwards, R.N., Bailey, R.C., Garland, G.D. The development and applications of a wide band electromagnetic sounding system using a pseudo-noise source 1-27258
- Dunchev, L., Petrakiev, A., Mohamad, S.Z., Mandjukov, I. Registration of low intensity spectral lines with Fabry Perot interferometry by photon counting method 1-10012
- Dunckel, M. see Hasselmann, D.E. 1-54124
- Dunckhorst, F.T. see Ibrahim, B.B. 1-10425
- Duncombe, R.L., Kubo, Y., Seidelmann, P.K. Observations of Mars 1950-1976 compared to ephemerides 1-44462
- Duncombe, R.L., Seidelmann, P.K. Planetary theories and observational data 1-40329
- Duncombe, R.L. see Davies, M.E. 1-4797
- Duncombe, R.L. (editor) Dynamics of the Solar System. Proceedings of the 81st Symposium of the International Astronomical Union 1-40605
- Dundurs, J., Comninou, M. Shape of a worn slider 1-25368
- Dundurs, J. see Comninou, M. 1-24653, 1-37856
- Dunell, B.A. see Andrew, E.R. 1-38990
- Dunfield, L.G., Noolandi, J. Real-space renormalization-group transformation for semi-infinite Ising systems 1-12322
- Dunfield, L.G., Noolandi, J. Real-space renormalization-group analysis for finite ferromagnetic systems 1-21004
- Dunfield, V.A. see Shwedyk, E. 1-35915
- Dunford, R.W. Parity violating neutral current interactions and $2S_{1/2} \rightarrow 2S_{1/2}$ transitions in hydrogenic ions 1-41000
- Dunford, R.W., Lewis, R.R. Analysis of weak neutral currents in hydrogenic ions 1-24277
- Dungen, J.P.M. van den see van den Dungen, J.P.M.
- Dunham, A.R.C. see Kydd, R.A. 1-24146
- Dunham, D.W. see Beavers, W.I. 1-22775
- Dunham, E. see Millis, R.L. 1-54408
- Dunham, E. see Peterson, D.M. 1-54569
- Dunham, W.R., Fee, J.A., Harding, L.J., Grande, H.J. Application of fast Fourier transforms to EPR spectra of free radicals in solution 1-21055
- Dunin, S.Z., Surkov, V.V. Structure of a shock wave front in a porous solid 1-15437
- Dunin, S.Z., Surkov, V.V. Dynamics of the closing of pores at the shock wave front 1-24715
- Dunin, S.Z., Surkov, V.V. Equation of state of gas- or water-saturated media 1-27154
- Dunin, S.Z. see Artyushin, S.G. 1-46780
- Dunina, L.P. see Skoblo, A.V. 1-48608
- Dunitz, J.D. see Britton, D. 1-34193

- Dunitz, J.D. *see* Seiler, P. 1-20173
- Dunken, H. A quantum chemical treatment of ad-adsorption of different atoms on metal clusters 1-51334
- Dunken, H. *see* Treffs, H. 1-53474
- Dunkerton, T. A Lagrangian mean theory of wave, mean-flow interaction with applications to nonaccretion and its breakdown 1-13553
- Dunkle, R.V. *see* Cooper, P.I. 1-53665, 1-54241
- Dunks, G.B., Stelman, D., Yosim, S.I. Graphite oxidation in molten sodium carbonate 1-43547
- Dunlap, B.D., Viccaro, P.J., Shenoy, G.K. Structural relationships in rare earth transition metal hydrides 1-20141
- Dunlap, B.D. *see* Fish, G.E. 1-25203
- Dunlap, B.D. *see* Moser, J. 1-47992
- Dunlap, B.D. *see* Niarchos, D. 1-7132
- Dunlap, B.D. *see* Shenoy, G.K. 1-3303, 1-43053
- Dunlap, B.D. *see* Viccaro, P.J. 1-3304
- Dunlap, B.L. *see* Reihl, B. 1-38630
- Dunlap, J.L. *see* Milora, S.L. 1-33346
- Dunlap, R.A., Gottlieb, A.M. Critical spin fluctuations in EuO 1-7860
- Dunlop, A., Lorenzelli, N., Jousset, J.C. Reply to 'Comparison of fission fragment damage with fast neutron damage in metals' 1-2523
- Dunlop, D.J., Zinn, M.B. Archeomagnetism of a 19th century pottery kiln near Jordan, Ontario 1-40051
- Dunlop, G.L. *see* Thorvaldsson, T. 1-16786
- Dunlop, G.L. *see* Thorvaldsson, T. 1-21455
- Dunlop, G.L. *see* Wirmark, G. 1-43447
- Dunlop, J.B. *see* Bowden, G.J. 1-43046
- Dunlop, J.D., Stockel, J.F. Status of COMSAT/INTELSAT nickel-hydrogen battery technology 1-48824
- Dunlop, J.D., Stockel, J.F. Nickel-hydrogen battery technology—development and status 1-53572
- Dunmur, D.A., Miller, W.H. Dipole-dipole correlation in nematic liquid crystals 1-15793
- Dunn, A.G. *see* Beales, K.J. 1-11189, 1-51612
- Dunn, B., Breiter, M.W., Park, D.S. In situ evaluation of container corrosion in sodium-sulphur batteries 1-48818
- Dunn, B., Farrington, G.C. Fast divalent ion conduction in Ba^{2+} , Cd^{2+} and Sr^{2+} beta" aluminas 1-30461
- Dunn, B.M. RC pump trip and small-break LOCA 1-10494
- Dunn, D.E. *see* Dunning, J.D. 1-22336
- Dunn, F. *see* Goss, S.A. 1-8898
- Dunn, G.H. *see* Van Zyl, B. 1-15016
- Dunn, H.K. *see* McKenna, G.B. 1-26478
- Dunn, J. *see* Boud, D.J. 1-36478
- Dunn, J.E., Fosdick, R.L. The morphology and stability of material phases 1-11836
- Dunn, J.E. *see* Antman, S.S. 1-29582
- Dunn, K.A. Poincaré group as reflections in straight lines 1-27722
- Dunn, K.J., Bundy, F.P. The electrical resistance behavior of iodine at high pressure and low temperature 1-34700
- Dunn, K.J., Bundy, F.P., Interrante, L.V. Superconductivity in polymeric sulfur nitride at ultrahigh pressure 1-38881
- Dunn, K.J., Bundy, F.P., Walter, J.L. The effect of noncrystallinity on the α - β transition of $\text{Fe}_2\text{B}_2\text{Si}_2$ alloy 1-42531
- Dunn, K.J., Chrenko, R.M., Mao, H.K., Bell, P.M. The profilometry technique for measuring the yield strength of hard materials 1-31821
- Dunn, K.J. *see* Bundy, F.P. 1-12221, 1-30737
- Dunn, M.H. *see* Bastow, S.J. 1-15224
- Dunn, M.H. *see* Wagstaff, C.E. 1-24461
- Dunn, M.J. *see* Dunscombe, P.B. 1-27007
- Dunn, P. *see* Cartwright, S.L. 1-10944
- Dunn, P. *see* Thompson, B.J. 1-15123
- Dunn, P. *see* Wever, G.H. 1-53949
- Dunn, P.F. *see* Fabris, G. 1-34006
- Dunn, P.J. *see* Smith, D.E. 1-49197
- Dunn, P.L. *see* Beales, K.J. 1-51612
- Dunn, S.A., Gunter, S. Controlling the shape of glass microbubbles 1-37016
- Dunn, S.T. Overview: lasers versus photomaterials [publishing] 1-37573
- Dunn, W.L., Wahnner, H.W., Riggs, B.L. Measurement of bone mineral content in human vertebrae and hip by dual photon absorptiometry 1-22124
- Dunne, J.A. Seasat SAR data analysis activities in the US—an update 1-54298
- Dunne, L.J., Brandas, E.J. The molecular basis of vision: a reply to a comment 1-48982
- Dunne, P.C. *see* Argyris, J.H. 1-9836
- Dunnigan, T.H. *see* McEvers, J.A. 1-18759
- Dunning, F.B., Stebbings, R.F. Rydberg states of atoms 1-28891
- Dunning, F.B. *see* Kellert, F.G. 1-51282
- Dunning, J.D., Lewis, W.L., Dunn, D.E. Chemomechanical weakening in the presence of surfactants 1-22336
- Dunning, T.H., Jr. Theoretical characterization of the potential energy surface of the ground state of the HCO system 1-4048
- Dunnweber, W. *see* Trautman, W. 1-45489
- Dunphy, P.P. *see* Cherry, M.L. 1-49492
- Dunscombe, P.B., Dunn, M.J., Bhattacharya, A.K. Activated carbon badges as detectors of airborne ^{125}I 1-27007
- Dunskii, V.F., Nikitin, N.V. Dripping of a liquid from a point 1-46789
- Dunstan, D.J. Photoluminescence studies of band-bending in hydrogenated amorphous silicon thin films 1-52984
- Dunstan, D.J., Nicholls, J.E., Cavenett, B.C., Davies, J.J. Zinc vacancy-associated defects and donor-acceptor recombination in ZnSe 1-26081
- Dunsworth, A.E. *see* Boulet, R.M. 1-7512
- Dunwoodie, W. *see* Aston, D. 1-50470
- Dunwoodie, W. *see* Strowsky, R. 1-18522
- Duong, H.T. *see* Liberman, S. 1-19057
- Duong Hong Tuan *see* Hong Tuan Duong
- Duong-van, M. *see* Haber, B. 1-14433
- Duorah, H.L., Md Khairazzaman, A.E. Nuclear reaction rate in Debye-Hückel electrolytic plasma in stellar interiors 1-9363
- Dupain, J.-L. *see* Chermant, J.-L. 1-53116
- Dupart, J.M. *see* Bourguet, P. 1-42405
- Dupen, C. *see* Brunings, J. 1-10432
- Dupeux, M. *see* Bonnet, R. 1-38369
- Dupeyrat, M. *see* Vogel, C. 1-30551
- Dupin, J.J. *see* Firpo, J.L. 1-20563
- Dupin, J.P. *see* Davenas, J. 1-2493
- Dupin, J.P. *see* Guermazi, M. 1-7217
- Dupis, A. *see* Petiau, G. 1-40215
- Duplantier, B. Comment on Parisi's equation for the SK model for spin glasses 1-30947
- Duplantier, B. Lagrangian theory of polymer chains in a poor solvent: tricritical properties 1-38229
- DuPlessis, P. de V. *see* Buyers, W.J.L. 1-47874
- Duplii, S.A., Rekalov, M.P. On one possibility of determining the spin of a gluon in experiments with linearly-polarized photons 1-5575
- Dupon, L. *see* Berghmans, J. 1-34553
- Dupont, J.-F., Carlos, G., Le Febvre, D.M., Suter, P. Numerical comparison between a reference and simplified two-phase flow models as applied to steam generator dynamics 1-28571
- Dupont, M. *see* Regnaud, C. 1-25150
- Dupont, Ph. *see* Boniort, J.Y. 1-11126
- Dupouy *see* Soulie, G. 1-40310
- Dupre, A. Landau diamagnetism: a simple calculation 1-7972
- Dupre, B. *see* Allrege, C.J. 1-40085
- Dupre, D.B., Chapoy, L.L. Comment on 'Photoselection in uniaxial liquid crystals: The effect of rotational Brownian motion on measurements of orientational distribution functions' 1-8116
- Dupre, F., Piaggini, D., Ricci, F.P. Self-diffusion coefficient in H_2S along the coexistence curve 1-20437
- Dupree, A.K. *see* Black, J.H. 1-9595
- Dupree, A.K. *see* Hutchings, J.B. 1-9566
- Dupree, A.K. *see* Treves, A. 1-49720
- Dupree, H. *see* Warren, W.W., Jr. 1-26056
- Dupree, R., Gardner, J.A. ^{209}Bi NMR in molten Bi-BiBr₃ mixtures [in metal-nonmetal transition range] 1-26053
- Dupree, R., Kirby, D.J., Freyland, W., Warren, W.W., Jr. ^{133}Cs NMR investigation of liquid Cs-Au alloys [Localised states formation] 1-26052
- Dupree, R. *see* Camwell, P.L. 1-47871
- Dupree, R. *see* Walstedt, R.E. 1-52344
- Dupree, R. *see* Warren, W.W., Jr. 1-12413
- Duprez-Quenoit, C. Definition of invariant molecular tensors in an origin change. III. Comparison of the methods suitable for the obtainment of invariant tensors for refraction and the Faraday effect 1-51540
- Dupuis, J. *see* Battut, J.-P. 1-34922
- Dupuis, P., Roberge, R., Sandorfy, C. The very low ionization potentials of porphyrins and the possible role of Rydberg states in photosynthesis 1-13020
- Dupuis, P., Roberge, R., Sandorfy, C., Vocelle, D. Ultraviolet absorption and photoelectron spectra of the oximes and O-methylloximes of a series of polyenic Schiff bases. Relation to visual pigments 1-41427
- Dupuy, C., Korenowski, G.M., McAuliffe, M., Hetherington, W.M., III, Eissenthal, K.B. Photodissociation of diphenyldiazomethane and energy relaxation in the diphenylcarbene fragment 1-33520
- Dupuy, C. *see* Dostal, J. 1-13419
- Dupuy, C.H.S. *see* Davenas, J. 1-2493
- Dupuy, C.H.S. *see* Guermazi, M. 1-7217
- DuPuy, D.L. *see* Millis, R.L. 1-54408
- Dupuy, J., Gilbert, A., Thuilleaux, J.-M. Velocity measurement of luminous pulses leading to a transient spark in point-to-plane positive gap 1-15734
- Dupuy, J. *see* Diaie, Ch. 1-2534
- Dupuy, J. *see* Gilbert, A. 1-11603
- Dupuy, J. *see* Jal, J.F. 1-25485, 1-30038
- Dupuy, M. *see* Caron, A. 1-37647
- Duque Calvo, F.M. *see* Largo-Cabrerizo, J. 1-41308
- Duquesnoy, A.J. *see* Plomp, R. 1-29460
- Duquette, D.J. The role of cyclic wear (fretting) in fatigue crack nucleation in steels 1-12876
- Duquette, D.J. *see* Andresen, P.A. 1-31725
- Duquette, D.J. *see* Gaul, D.J. 1-12858, 1-12881
- Duquette, D.J. *see* Manning, P.E. 1-16947, 1-26659
- Duquette, D.J. *see* Stoloff, N.S. 1-31652
- Durac, Z. Plane asymmetric cell lattices with superimposed small buckling 1-5832
- Dural, J. *see* Audouard, A. 1-34370
- Duran, A. *see* Calvo, M.L. 1-1462
- Duran, A. *see* Martinez-Herrero, R. 1-41611
- Duran, A. *see* Mejias, P.M. 1-6446
- Duran, A. *see* Martinez *see* Martinez Duran, A.
- Duran, J. *see* Petit, R.H. 1-43172
- Durand, B., Durand, L. Duality for heavy-quark systems 1-50407
- Durand, B., Durand, L. Duality and corrections to the van Royen-Weisskopf formula 1-50417
- Durand, B., Paris, J.M. Some characteristics of the ferrite $\text{Ba}_2\text{Fe}(\text{II})_2\text{Fe}(\text{III})_{12}\text{O}_{29}$ 1-38950
- Durand, D., Scavarda, D., Carmo, L.C., Anderson, A., Luty, F. Raman and infrared studies of rotational-translational modes in stress-aligned ferroelastic KCN and NaCN 1-21202
- Durand, D., Scavarda, D., Carmo, L.C., Luty, F. Raman and infrared studies of librational-translational modes in stress aligned ferroelastic KCN 1-3392
- Durand, F. *see* Chang, V. 1-26446
- Durand, F. *see* Durand-Charre, M. 1-31453
- Durand, F. *see* Hamar, R. 1-52106
- Durand, F. *see* Witke, S. 1-38566
- Durand, G. *see* Cagnon, M. 1-15798
- Durand, G. *see* Martinot-Lagarde, P. 1-52889
- Durand, J. Magnetic properties of amorphous metallic alloys related to their atomic-scale structure 1-25901
- Durand, J. *see* Aliaga-Geurra, D. 1-26064
- Durand, J. *see* Berrada, A. 1-25925
- Durand, J. *see* Ferti, A. 1-25855
- Durand, J. *see* Friedt, J.M. 1-25680
- Durand, J. *see* Hassanain, N. 1-30864
- Durand, J. *see* Krill, G. 1-30799
- Durand, J. *see* Rafiq, M. 1-47054
- Durand, L., Coulomb, P. Tensile deformation of a two-phase copper-silver alloy 1-48445
- Durand, L. *see* Durand, B. 1-50407, 1-50417
- Durand, M., Jugie, G. Observation of several phase transitions in tetrachloro-o-benzoquinone using ^{35}Cl nuclear quadrupole resonance 1-7972
- Durand, M. *see* Brissou, C. 1-10757
- Durand, Ph. *see* Nicolas, G. 1-19231
- Durand-Charre, M., Chovelon, B., Valignat, N., Rameau, J.J. Interdendritic segregation in 25-28 steels: influence of carbon content and solidification conditions, corrosion behaviour 1-31452
- Durand-Charre, M., Hamar-Thibault, S., Durand, F. Influence of microsegregations on the formation of bainite during solidification of Fe-2C-12Cr steel 1-31453
- Durandova, J.-P. *see* Decamps, E.A. 1-27695
- Durasova, Yu.A., Ivanov, L.P., Kleparskii, V.G., Logvinov, A.S., Randoshkin, V.V., Telesnikov, R.V. Investigation of the initial stage of magnetization switching in iron garnet films 1-21013
- Duraud, J.P. *see* Fontaine, J.M. 1-20266
- Durbeck, H. *see* Schuster, H.-E. 1-27546
- Durbin, P.A. A stochastic model of two-particle dispersion and concentration fluctuations in homogeneous turbulence 1-1948
- Durbin, P.A. A random flight model of inhomogeneous turbulent dispersion 1-19785
- Durbin, P.A., Hunt, J.C.R. On surface pressure fluctuations beneath turbulent flow round bluff bodies 1-1922
- Durchschlag, H. *see* Zipper, P. 1-32205
- Durczewski, K. An approach to spin-fluctuation resistivity of ferromagnetic metals. I. Application to an isotropic model of ferromagnets 1-47630
- Durczewski, K. *see* Ausloos, M. 1-12086
- Durdyev, A.S., Gafinov, V.I. Variational principle of elasticity theory for incompressible and nearly incompressible materials 1-19565
- Durell, J.L. *see* Warwick, A. 1-50495
- Durelli, A.J., Rajiah, K. Embedded markers to measure strain in extremely soft materials. Discussion 1-19657
- Duren, R., Moritz, G. Improved model-calculations for the alkali-rare gas interaction 1-14835
- Duren, R., Moritz, G. Improved model calculations for the alkali-rare gas interaction 1-37288
- Duret, D. *see* Robic, J.Y. 1-12242
- Durga Prasad, N. *see* Reddy, B.S.R. 1-17594
- Durgapal, M.C., Pande, A.K., Banerjee, R., Pandey, K. Massive spheres with an isothermal core and $e^{\alpha\alpha^2}$ envelope 1-27548
- Durgapal, M.C., Rawat, P.S., Bannerji, R. Structures with extreme relativistic cores 1-22896
- Durgaryan, A.A., Gardilanyan, R.S., Vardapetyan, R.P. Influence of gamma irradiation on the absorption of ultrasound in germanium and silicon single crystals 1-25382
- Durgaryan, A.A. *see* Gardilanyan, R.S. 1-25381
- Durgin, W.W., March, A.P., Lefebvre, P.J. Lower mode response of circular cylinders in cross-flow 1-42062
- Durham, D.J. Modal analysis—design aid for use of new materials 1-37700

- Duriez, L. Correlations between a general planetary theory in elliptic variables and the classical theory of Le Verrier 1-40330
- Durif, A., Averbuch-Pouchot, M.-T. Some new phosphate-tellurates and arsenate-tellurates. Synthesis and crystallographic data 1-47055
- Durif, A. *see* Zilber, R. 1-15859
- Durig, D.T. *see* Durig, J.R. 1-41372
- Durig, J.R., Church, J.S. Vibrational spectra and the assignment of the normal modes of 1,1,1-trifluoro-2-propanone 1-14894
- Durig, J.R., Church, J.S. Vibrational spectra of crystalline disilane and disilane- d_8 barrier to internal rotation and some normal coordinate calculations on H_3SiSiH_3 , H_3SiNCO and H_3SiNC 1-39073
- Durig, J.R., Gerson, D.J. Vibrational spectra, methyl torsional potential functions, internal rotational potential functions and conformational properties of ethyl vinyl ether 1-45963
- Durig, J.R., Hudson, S.D., Jallian, M.R., Li, Y.S. Microwave, infrared, and Raman spectra, vibrational assignment, normal coordinate analysis, and barrier to internal rotation of dimethylphosphine- d_3 1-45939
- Durig, J.R., Li, Y.S., DesMarteau, D.D. Microwave spectrum and structure of CF_3OOC 1-10723
- Durig, J.R., Li, Y.S., Durig, D.T. Spectra and structure of small ring compounds. XLII. Microwave spectrum of 2,5-dihydrothiophene 1-41372
- Durig, J.R., Natter, W.J. Raman spectra of gases. XXIII. Trichloroacetaldehyde 1-45973
- Durig, J.R., Nease, A.B., Milani-Nejad, F. The vibrational analysis and torsional study of trans-1,2-dimethylcyclopropane and cis-1,2-dimethylcyclopropane 1-52947
- Durig, J.R., Streusand, B.J., Li, Y.S., Richardson, L., Laane, J. Spectra and structure of small-ring molecules. XLI. Microwave spectrum of 3-phospholene 1-28907
- Durig, J.R., Sullivan, J.F., Trowell, P.L. Vibrational spectra and normal coordinate analysis of germylazine- d_0 and - d_3 1-51205
- Durinda, J. *see* Remko, M. 1-51127
- Durisen, R.H., Imamura, J.N. Improved secular stability limits for differentially rotating polytropes and degenerate dwarfs 1-54471
- Durisen, R.H., Tohline, J.E. A numerical study of the fission hypothesis for rotating polytropes 1-40473
- Durkin, P. *see* Forty, A.J. 1-11870
- Durkin, S. *see* Aston, D. 1-50470
- Durlach, N.I. *see* Lippmann, R.P. 1-49008
- Durney, I.V. *see* Akhmetshin, A.M. 1-4038
- Durney, A.C. Mission update: the International Sun-Earth Explorer 1-49457
- Durney, C.H. *see* D'Andrea, J.A. 1-4326
- Durney, C.H. *see* Iskander, M.F. 1-53816
- Durney, C.H. *see* Maini, R. 1-32294
- Durney, L.J. *see* Badding, V.G. 1-4137
- Durnin, J., Rocce, C., Mandel, L. Does a photodetector always measure the rate of arrival of photons? 1-36735
- Durnin, J. *see* Roy, R. 1-6537
- Durny, R. EPR study of Mn^{2+} in chalcogen-rich Ge-Se glasses 1-31020
- Duro, C. *see* Guerry, J. 1-17245
- Duro, C. *see* Hot, J.P. 1-19292
- Durochoux, P. *see* Alberne, F. 1-49809
- Durovic, S. *see* Weiss, Z. 1-2383
- Durr, D., Goldstein, S., Lebowitz, J.L. A mechanical model of Brownian motion 1-40710
- Durr, H.P., Saller, H. Sketch of a composite quark-lepton model based merely on SU(2) symmetry 1-482
- Durr, H.P., Saller, H. Gauge-invariant field formulation by means of gauge stripping operators 1-40927
- Durr, J. *see* Lerebours, B. 1-20667
- Durr, U., Schleichauf, O. Magnetic field behavior of the out-of-plane $k=0$ magnon mode in the 2-D antiferromagnet K_2FeF_6 1-8075
- Durr, U. *see* Kunzel, W. 1-51487
- Durr, W., Sinclair, D.A., Ash, E.A. High resolution acoustic probe 1-6729
- Durrani, S.A. Track record in meteorites 1-36232
- Durrani, S.A. *see* Bull, R.K. 1-4834
- Durrani, S.A. *see* McKeever, S.W.S. 1-949, 1-9434
- Durrant, A.V. A new interpretation of the quantum theory of light 1-43
- Durrant, C.J. Small-scale velocity fields and mean line profiles 1-27438
- Durrant, J.D. *see* Gabriel, S. 1-17509
- Durrett, M. *see* Tang, K.Y. 1-39590
- Durried, R. *see* Cornils, B. 1-17145
- Durill, D.C. *see* Bahorich, R.J. 1-23818
- Dursch, H. *see* Berry, M. 1-13097
- Durschlag, M.S., Petuchowski, S.J., DeTemple, T.A. Infrared-far-infrared dichroic dielectric motor 1-41808
- Durno, J.W., Jackson, A.D., Verwest, B.J. Models of pseudophysical NN- $\pi\pi$ amplitudes 1-10327
- Durst, B.M. Effect of heavy metal reflectors on the criticality of water-flooded fuel rod arrays 1-45673
- Durst, B.M. *see* Lloyd, R.C. 1-10462
- Durst, J.B. The NRC program of safeguards research-1980 1-18756
- Durston, C. *see* Atefi, B. 1-50721
- Duru, I.H., Kleintert, H., Unal, N. Decay rate for supercurrent in thin wire 1-42907
- Duruiseau, J.-P. Scalar field and limit mass for a neutron star 1-9554
- Durup, J. *see* Moseley, J. 1-19147
- Durupt, P., Canut, B., Gauthier, J.P., Roger, J.A., Pivot, J. RBS, infrared and diffraction compared analysis of SiC synthesis in C implanted silicon 1-31393
- Durvasula, L.N. *see* Wild, W.J. 1-37400
- Duryagin, V.A., Kuslitskii, A.B., Pistun, I.P. Development of slip bands in medium-carbon steel during low-cycle fatigue 1-31586
- Dus, R. *see* Campuzano, J.C. 1-38656
- Dusa, O. *see* Filka, S. 1-21012
- Dusa, O. *see* Konec, M. 1-52819
- Dusakin, S.I. *see* Karelina, N.M. 1-25802
- Dusautoy, A.R. *see* Findlay, D.J.S. 1-6113
- Duschi, M. *see* Reffle, J. 1-51335
- Dusek, K. *see* Havranek, A. 1-53228
- Dusek, K. *see* Ilavsky, M. 1-48028
- Dusek, K. *see* Matejka, L. 1-48319
- Dusenbery, P.B., Kaufmann, R.L. Properties of the longitudinal dielectric function: an application to the auroral plasma 1-40253
- Dushenko, V.F., Gitlevich, A.E., Revutskii, V.M., Mikhailov, V.V. On a possible diffusion mechanism in electropark alloying and other forms of pulse action on metals 1-38576
- Dushenko, V.F. *see* Revutskii, V.M. 1-47108
- Dushin, R.B., Mitchenko, N.S., Scherba, L.D. Absorption spectra of silver atoms isolated in a xenon matrix 1-33410
- Dushin, V.N. *see* Alkhazov, I.D. 1-28507
- Dushin, Yu.A., Artemova, E.N. Principles of simulating deep gas corrosion 1-31754
- Dushkin, A.V. *see* Sagdeev, R.Z. 1-29002
- Dusic, M. *see* Cviki, B. 1-7079
- Dusseau, J.M. *see* Abdalla, S. 1-17226
- Dussel, G.G., Perazzo, R.P.J., Reich, S.L. One-particle transfer fragmentation in the ^{40}Ca region 1-50502
- Dussel, G.G., Perazzo, R.P.J., Spina, M.E. The RPA of renormalized fermions 1-28406
- Duszak, M., Jakubowski, A., Sekulski, W. A chemically sensitive MOS element with an ultra thin dielectric film 1-36651
- Duszewski, J. Decay of magnetic fluctuations in thin films 1-38954
- Dutasta, J.P., Robert, J.B., Wiesenfeld, L. ^{31}P solid state NMR geometrical effects on the chemical shift tensor 1-34950
- Dutchak, Ya.L., Fedysin, M.I., Mikityuk, Z.M., Krichchev, Yu.M. Combined effect of electric and magnetic fields on the submicrostructure of a nematic liquid crystal 1-2327
- Dutell, P. *see* Davidov, V.A. 1-1023
- Duthie, J.F., Upatnieks, J., Christensen, C.R., McKenzie, R.D., Jr. Real-time optical correlation with solid-state sources 1-51395
- Duthil, R. *see* Desportes, H. 1-51010
- Duthier, C.J. *see* Mills, D.L. 1-39102
- Dutoit, M. *see* Roulet, M.E. 1-30851
- Dutse, W.L., Cybers, L., Berghmans, J., Deboscher, A. Solar heating systems with air collectors and rock bed storage 1-17272
- Dutse, W.L., Cybers, L., Berghmans, J., Deboscher, A. Hot water production by means of a solar thermosyphon loop 1-17274
- Dutsch, H.U., Braun, W. Daily ozone soundings during two winter months including a sudden stratospheric warming 1-22398
- Dutschke, W. Developments in dimensional measurement technology 1-9968
- Dutt, I.D. *see* Shuvalov, L.A. 1-26147
- Dutt, M.B. *see* Sen, S.K. 1-30337
- Dutt, R. Role of a linear Lagrangian in a variational method for nonlinear periodic problems 1-27769
- Dutt, T.L., Awad, G.L. Measurements of plasma structures in magnetised rare gases: ordered and disordered plasmas 1-7021
- Dutta, A.K., Kohno, M. Microscopic calculation of the fission barrier of some actinide nuclei with the Skyrme-type interaction 1-23694
- Dutta, D.K., Sengupta, S. Self-consistent calculation of $1s2s^2S$ state of helium and heliumlike ions 1-51105
- Dutta, H.N. *see* Ramakrishna, M. 1-13519
- Dutta, H.N. *see* Sarkar, S.K. 1-4575
- Dutta, N.C. Theoretical analysis of observed second bulk compressional wave in a fluid-saturated porous solid at ultrasonic frequencies 1-37673
- Dutta, N.K. Laser oscillator and parametric oscillator under external injection 1-33646
- Dutta, N.K. Calculated absorption, emission, and gain in $\text{In}_{0.72}\text{Ga}_{0.28}\text{As}_{0.6}\text{P}_{0.4}$ 1-43155
- Dutta, N.K., Nelson, R.J. Optical and electrical characteristics of pulsating $1.3\ \mu\text{m}$ InGaAsP double heterostructure lasers 1-41708
- Dutta, N.K. *see* Nelson, R.J. 1-33681, 1-46346
- Dutta, P.K., Dallinger, R., Spiro, T.G. Resonance CARS (coherent anti-Stokes Raman scattering) line shapes via Frank-Condon scattering: cytochrome c and β -carotene 1-15046
- Dutta, P.K. *see* Sharma, J.K.N. 1-29449
- Dutta, S., Jackson, H.E., Boyd, J.T. Reduction of scattering from a glass thin-film optical waveguide by CO_2 laser annealing 1-11087
- Dutta, S., Onley, D.S. Two-dimensional barrier penetration as a model of nuclear fission 1-5807
- Dutta, S. *see* Kotekar, V. 1-14805
- Dutta, S.K. *see* Acharya, H.N. 1-12679
- Dutta, V. *see* Shanthi, E. 1-7763, 1-42874
- Dutta Choudhury, S.B., Bhattacharya, D. On Birkhoff's theorem in a general class of scalar-tensor theories 1-18119
- Dutta Gupta, P.B. *see* Shercliff, J.A. 1-6009
- Dutta Majumder, D. *see* Datta, A.K. 1-46631
- Dutta Roy, S.K., Mitra, S.S., Ghorai, S.K. Temperature and frequency dependence of dielectric properties of $\text{CoSiF}_6\cdot 6\text{H}_2\text{O}$ around its structural phase transition temperature 1-31080
- Dutta Roy, S.K. *see* Mitra, S.S. 1-5314
- Dutta Roy, S.K. *see* Pal, A. 1-50133
- Duttachoudhury, S.B. *see* Banerjee, A. 1-27840
- Dutton, J., Williams, W.T. Effect of the cathode surface on the electrical breakdown in SF_6 at high pressures 1-11627
- Dutton, J. *see* Beatty, E. 1-6920
- Dutton, M.J.O. Probability forecasts of clear-air turbulence based on numerical model output 1-36039
- Dutton, R.W. *see* Swaminathan, B. 1-20387
- Dutto, D. *see* Alexandrescu, R. 1-51522
- Duitout, O., Castex, M.C., Le Calve, J., Lavallo, M. Synchrotron radiation study of the molecular xenon fluorescence around $2000\ \text{\AA}$ 1-6274
- Duitout, O. *see* Morin, P. 1-19133
- Dutzmann, T. *see* Riedel, E. 1-21092
- Duval, E. *see* Lacroix, R. 1-3427
- Duval, F. *see* Sama, M. 1-32313
- Duval, J.S. *see* Pitkin, J.A. 1-27260
- Duval, P. *see* Peyre, H. 1-19254
- Duval, P.D., Barrett, B.R. Interacting boson approximation model of the tungsten isotopes 1-41075
- Duval, X. *see* Menacourt, J. 1-30552
- Duval, G.E. *see* Cremers, D.A. 1-7256
- Duval, T., Livingston, W., Mahaffey, C. Observations with high temporal resolution of the solar Ca^+ K line 1-27465
- DuVarney, R.C., Niklas, J.R., Spaeth, J.M. ENDOR study of cubic Fe^{3+} centres in KMgF_3 1-43003
- Duvaut, G. Wave propagation in fine periodic structures 1-24743
- Duvernoy, J. Coding of classification operators of optical filters with coherent or incoherent light 1-51380
- Duvernoy, J., Chalasinska-Macukow, K. Processing measurements of the directional content of Fourier spectra 1-37417
- Duvernoy, J., Chalasinska-Macukow, K. Directional analysis in Fourier spectra by Wiener filtering 1-46241
- Duvernoy, J. *see* Guilleme, B. 1-46244
- Duvigneaud, P.H., Derie, R. Shape effects on crystalline size distributions in synthetic hematites from X-ray line-profile analysis 1-20414
- Duwein, D. *see* Bossier, F. 1-35626
- Duwey, P. *see* Nagy, A.Z. 1-21820
- Duxbury, G. *see* Bedwell, D.J. 1-51240
- Duy Phach Vu *see* Vu Duy Phach
- Duyn, R.P.Van *see* Van Duyn, R.P.
- Duynveldt, A.J. *see* Van Duynveldt, A.J.
- Duyens, L.N.M. *see* Sonneveld, A. 1-53815
- Duzer, T. *see* Van Duizer, T.
- Duzzy, C., Hyman, H.A. Photoionization of excited rare-gas atoms 1-14853
- Duzzy, C., Woodroffe, J.A., Hsia, J.C., Ballantyne, A. Interaction of a pulsed XeF laser with an aluminium surface 1-12606
- Drey-Aharon, H. Properties of binary crystals with diagonal disorder: Application of a quadratic approximation 1-34608
- Drey-Aharon, H., Taylor, P.L. Dynamics of the field-induced transition to the polar α phase of poly(vinylidene fluoride) 1-11696
- Dvinskikh, Yu.V., Popil'skii, R.Ya., Kostin, L.I., Kulagin, V.V. The thermophysical properties of thermoplastic cast slips of some highly refractory oxides 1-31401
- Dvoeglazov, A.M. *see* Danileiko, M.V. 1-46399
- Dvoinin, V.I. *see* Bol'shchikova, T.P. 1-53108
- Dvoishnikov, V.A. Acoustic oscillations in combustion chambers with variable cross sections 1-29453
- Dvornak, D.R. *see* Lillywhite, P.G. 1-39925
- Dvornak, G.J. Fatigue of metal matrix composites 1-31592
- Dvornak, L. *see* Bicak, J. 1-23091
- Dvornak, R. A new approach for the construction of long-periodic perturbations 1-40334
- Dvornak, R. *see* Chapront, J. 1-44421
- Dvornak, V. Structural phase transitions into incommensurate phases 1-11841

- Dvorak, V., Fousek, J. On the incommensurate phase of BaMnF_3 1-7325
- Dvoretzskii, S.A. see Goryunova, T.D. 1-28101
- Dvoretzskii, G.A. see Zhdanov, V.M. 1-20417
- Dvorjashin, A.S. see Bachurin, A.F. 1-17810
- Dvorkin, A.A., Shibanov, T.A., Luk'yanenko, N.G., Simonov, Yu.A., Andrianov, V.I., Popkov, Yu.A., Bogatskii, A.V., Malinovsky, T.I. Crystalline and molecular structure of 1,4,9,12-tetra-azacyclohexadecane-3,10,13,16-tetraone 1-25255
- Dvornikov, V.A. A plane-parallel nonstationary motion of gas 1-19735
- Dvornikov, V.M., Matyukhin, Yu.G. Cosmic-ray modulation effects in magnetic traps of the solar wind 1-36139
- Dvornikova, S.G. see Ustinov, V.M. 1-30256
- Dvoryadina, G.K., Ivanov, A.S., Borisov, S.A. Redistribution of impurities in fine particles due to ascending diffusion 1-11906
- Dvoryaninov, G.S., Prusov, A.V. Theoretical model of mass transport by gravity and tidal waves 1-4521
- Dvoryaninov, G.S., Zhuravlev, V.M. To a theory of turbulent layer of wave mixing 1-9166
- Dvoryankin, V.F., Kozhina, V.I., Telgin, A.A. Modeling the formation of surface structures by means of floating magnets 1-2791
- Dvoryankin, V.F., Mityagin, A.Yu., Ustare, T.O. Interaction mechanisms and atomic structures of CO and CO₂ molecules on surfaces of III-V compounds 1-25578
- Dvoryankin, V.F., Telegin, A.A., Telegina, L.S. Adsorption isotherms and order-disorder phase transformations in coherent adsorbed layers 1-34570
- Dvoryashin, A.S. see Bachurin, A.F. 1-32686
- Dvoryashin, S.V. see Gavrilov, N.M. 1-22559
- Dvroskina, L.M. see Bol'shchikova, T.P. 1-53108
- Dvurchenskii, A.V., Kashnikov, B.P., Smirnov, L.S. Defects in silicon irradiated with high-current electron pulses 1-20264
- Dvurchenskii, A.V., Kornev, V.V., Petrov, V.A., Reznik, V.Yu. Temperature dependence of the spectral absorption coefficient of optical vitreous silicas 1-39060
- Dvurchenskii, A.V., Petrov, V.A., Reznik, V.Yu., Kornev, V.V., Levenfeld, G.Yu. Investigation of spectral absorption coefficient of KI and KV quartz glasses in IR region to upper temperature limit 1-12495
- Dvurchensky, A.V., Rjazantsev, I.A., Smirnov, L.S. Defects and impurities interaction enhanced by ionization in ion-implanted silicon 1-2501
- Dwek, E., Scalo, J.M. The evolution of refractory interstellar grains in the solar neighborhood 1-4948
- Dwiggins, C.W., Jr. Application of the indirect transform method to obtaining distance distribution functions of extremely large colloids and emulsions using small-angle X-ray scattering data obtained with a Bonse-Hart instrument 1-29971
- Dwight, A.E. Intermetallic compounds in $\text{R}_2\text{E}(\text{Al,Ga})_2$ and $\text{R}_2\text{E}(\text{Cu,Ga})_2$ alloys 1-25201
- Dwight, K. see Koentzier, J. 1-34741
- Dwivedi, B.N., Raju, P.K. Density dependence of solar emission lines of boron-like ions 1-22763
- Dwivedi, B.N. see Vir Singh 1-19201
- Dwivedi, R. see Bhat, S.N. 1-47270
- Dwivedi, S.R. see Gupta, H.C. 1-734
- Dworak, A., Moroz, Z. Systems with diffraction gratings for measurements of accurate lengths 1-232
- Dworecki, Z. see Sidorski, Z. 1-34585
- Dworkin, J. see Pondrom, L. 1-45286
- Dworkin, J. see Yamin, P. 1-45372
- Dworking, J.P., Aronson, A.E., Mulder, D.W. Tongue force in normals and in dysarthric patients with amyotrophic lateral sclerosis 1-49017
- Dworschak, F. see Blythe, H.J. 1-7956
- Dwozicka, M. see Blocki, J. 1-36960
- Dwuzarny, A. see Daum, C. 1-14424, 1-28357
- Dwyer, S.J., III see Cook, L.T. 1-9016
- Dy, K.S. see Brasher, J.D. 1-25786
- Dyachenko, A.A., Milyavskii, Yu.S., Nanush'yan, R.P., Nikitin, K.V., Simonovskaya, E.I., Fed's, S.Ya., Shimaikaya, G.V. Influence of temperature on the optical properties of quartz glass-polymer optical waveguides 1-6673
- D'yachenko, A.I. see Svistunov, V.M. 1-42895
- Dyachenko, A.M., Berenshtein, G.V., Maronchuk, I.E. The internal stresses in semiconductor induced by microinclusions 1-52213
- D'yachenko, V.F., Imshennik, V.S. Two-dimensional magnetohydrodynamic model for the dense plasma focus of a Z pinch 1-42201
- D'yachenko, A.I. see Revenko, Yu.F. 1-20921
- D'yachkov, A.V. see Estulin, I.V. 1-49860
- D'yachkov, E.I., Herzog, R., Khukhareva, I.S., Nitchitu, A. Thermal conductivity and electrical resistivity of Nb-Ti (HT-50) as a function of temperature and magnetic field 1-52696
- D'yachkov, E.I. see Agapov, N.N. 1-6063
- D'yachkova, T.V. see Zainulin, Yu.G. 1-30257
- D'yachkova, V.G. see Albul, V.I. 1-23993
- Dyadin, Yu.V., Kukavazde, G.M., Memelova, L.Ya. Measurement of tritium concentration in heavy-water reactor 1-28713
- Dyad'kin, A.P. see Vasil'ev, B.I. 1-33523
- Dyadushkin, P.I. see Golubnichii, P.I. 1-15519
- Dyadyura, V.A. see Balyuk, V.V. 1-9099
- Dyadyusha, G.G., Kryachko, E.S. Algebraic structure of fermion density matrices 1-50042
- Dyadyusha, G.G. see Babenko, V.A. 1-51500
- Dyadyusha, G.G. see Volovik, S.V. 1-39626
- Dyakina, V.P. see Startsev, A.E. 1-12094
- D'yakonov, B.P. see Buravov, A.D. 1-39347
- D'yakonov, M.I., Khaetskii, A.V. Surface states of a zero-gap semiconductor 1-52630
- D'yakonov, M.I., Khaetskii, A.V. Recombination of nonequilibrium carriers in a zero-gap semiconductor 1-38793
- D'yakonov, M.I., Raikh, M.E. Parameters of an electron beam in a free-electron laser under strong saturation conditions 1-10956
- D'yakonov, M.N. see Bryksin, V.V. 1-20889
- D'yakonova, L.P., Malenkov, G.G. Modeling the structure of liquid water by the Monte Carlo method 1-7069
- D'yakonova, N.I., Mileshkina, N.V. Influence of oxygen adsorption on field-emission properties of a germanium single crystal 1-3582
- D'yakonova, N.I., Mileshkina, N.V., Nazarov, G.B. Effect of adsorption phenomena on field-emission and spectral characteristics of germanium 1-12621
- Dyakonova, V.I. see Aleksandrov, L.N. 1-20592
- Dyakonov, V.E., Panchenko, V.I., Suprunenko, V.A., Sukhomlin, E.A., Ternopolov, A.M. Longitudinal electron thermal conductivity of a turbulent current-carrying plasma 1-24950
- D'yakov, V.K. see Andrievskii, R.A. 1-12775
- D'yakova, V.V. see Antkova, S.L. 1-43310
- Dyal, P. see Smith, E.J. 1-40385
- Dyall, K.G. see Larkins, F.P. 1-51138
- Dyall, W.T. Where do the little pixels and bits come from? [Digital video signals] 1-6494
- Dyatlov, I.T. see Danilov, G.S. 1-5543, 1-33134, 1-45165
- Dyatlova, E.Yu. see Boricheva, V.N. 1-12950
- Dybal, J. see Lovy, J. 1-10738
- Dyban, R.E.P., Epik, E.Ya. Local isotropy of turbulence accompanying stabilised flow of air in channels 1-2085
- Dyban', Yu.P., Gnesin, G.G., Osovitskii, E.I. Production of self-bonding silicon carbide with high thermal-shock resistance 1-12862
- Dybiec, H. see Gryziecki, J. 1-3820
- Dybiec, H. see Korbel, A. 1-26533, 1-47148
- Dybkov, V.I. Electrochemical method of revealing the transition zone microstructure in bimetallic and metallic composite materials 1-39569
- Dybyk, K., Slettemoen, G. Optical research at the Institute for General Physics at NTH, Trondheim 1-41634
- Dychkov, A.S. see Bagaev, S.N. 1-11052, 1-50206
- Dyck, D. Van see Van Dyck, D.
- Dyck, D. Van see Van Dyck, D.
- Dyck, R.S. Van, Jr. see Van Dyck, R.S., Jr.
- Dydak, F. Neutral currents 1-10136
- Dye, D.H., Campbell, S.A., Crabtree, G.W., Ketterson, J.B., Sandesara, N.B., Vuillemin, J.J. Fermi surface and many-body enhancement in Pd 1-42676
- Dye, R.A. New infrared reciprocal tracking laser communicator 1-41879
- Dyer, C.C., Roeder, R.C. A range of time delays for the double quasar 0957+561 A, B 1-44663
- Dyer, J.L., Melese-d'Hospital, G. Energy supply and demand: strategies and alternatives for energy management 1-31992
- Dyer, P., Webb, M.P., Puigh, R.J., Vandenbosch, R., Thomas, T.D., Zisman, M.S. Charge distributions for the $^{86}\text{Kr}+^{139}\text{La}$ system at 505, 610, and 710 MeV 1-5686
- Dyer, P. see Back, B.B. 1-14561
- Dyer, P.E., Perera, I.K. Pulse evolution in injection mode locked TE CO₂ lasers 1-19319
- Dyer, P.E. see Deka, B.K. 1-15575, 1-43223
- Dygdala, R.S., Stefanski, K. Absorption investigation of anthracene vapour 1-28988
- Dyhr, R. see Breuer, V. 1-43809
- Dyhi-Kang Yang see Carmichael, G.R. 1-53727
- Dyke, J.M., Fayad, N.K., Josland, G.D., Morris, A. Gas phase high temperature photoelectron spectroscopy—an investigation of atomic germanium and tin 1-33436
- Dyke, J.P. Van see Van Dyke, J.P.
- Dyke, T.R. see Odutola, J.A. 1-45809
- Dykes, E. see Elliott, J.C. 1-42349
- Dykes, M., Lecoq, P., Gusewilt, D., Herve, A., Wenninger, H., Royer, H., Hahn, B., Hugentobler, E., Ramseyer, E., Boratav, M. Holographic photography of bubble chamber tracks: a feasibility test 1-45784
- Dykhne, A.M., Starostin, A.N. Theory of drift motion of molecules in the field of resonant infrared radiation 1-11487
- Dykhne, A.M., Starostin, A.N. Molecular drift induced by resonant infrared radiation 1-24913
- Dykhne, A.M. see Bol'shov, L.A. 1-29341
- Dykhov, A.E. Contact problem for elastic wedges in the presence of friction along the face section adjacent to the common vertex 1-1832
- Dykman, M.I. Cyclotron resonance of two-dimensional electrons forming Wigner crystal 1-7950
- Dykman, M.I., Krivogla, M.A. Fluctuations in nonlinear systems near bifurcations corresponding to the appearance of new stable states 1-23113
- Dykman, M.I., Krivogla, M.A. Time correlation functions and spectral distributions of the Duffing oscillator in a random force field 1-27878
- Dykstra, C.E. see Benzel, M.A. 1-45806
- Dykstra, C.E. see Dardi, P.S. 1-19011
- Dykstra, C.E. see Vincent, M.A. 1-10636
- Dylla, H.F. A review of the wall problem and conditioning techniques for Tokamaks 1-24986
- Dylla, H.F. see Cohen, S.A. 1-25055
- Dylla, H.F. see Meservey, E.B. 1-24992
- Dylla, H.F. see Owens, D.K. 1-25073
- Dylla, H.F. see Staib, P. 1-25030, 1-26769
- Dylla, H.F. see Wampler, W.R. 1-25029
- Dym, C.L. On the vibration of thin circular rings 1-6821
- Dymant, L.N., Spanovskii, V.M. Calculation of a turbulent boundary layer on a plate in the case of intensive injection 1-11380
- Dymanus, A. see Toring, T. 1-37221
- Dymanus, A. see van den Heuvel, F.C. 1-37202
- Dymek, M.S. see Yu, F.T.S. 1-6488
- Dymenko, N.N. see Nabatov, V.V. 1-7247
- Dymet, J.C., Chik, K.D. Suppression of semiconductor laser pulsations using optical feedback from a fiber 1-15191
- Dymkin, G.Ya. see Gurvich, A.K. 1-39570
- Dymnikov, V.D. see Zakharchenya, B.P. 1-48147
- Dymond, J. see Cobler, R. 1-27152
- Dymova, T.N. see Mirsaidov, U. 1-7334
- Dynes, R.C., Garbo, J.P. Metal-insulator transition in granular aluminum 1-34627
- Dynes, R.C. see Bishop, D.J. 1-7753, 1-38859
- Dynes, R.C. see Dodson, B.W. 1-34754
- Dynes, R.C. see Hensel, J.C. 1-16239
- Dyn'kina, E.A., Krasovskii, R.A. Special features of the optical schematics of objective lenses for the coherent processing of information 1-37585
- Dynowska, E. see Kosacki, I. 1-3616
- Dyomin, S.A., Nemoshkalenko, V.V., Razumov, O.N., Ustinov, A.I., Tchuistov, K.V. Mossbauer study of magnetic and structure transformations in manganese-copper-iron alloy 1-52775
- Dyrkov, V.A. see Evdokimov, O.B. 1-52896
- Dyrssen, D. see Danielsson, L.G. 1-54103
- Dysbanger, A.C. see Abramov, V.V. 1-596
- Dysinger, G.S. see Horton, R.L. 1-44937
- Dyskin, V.G. see Radzhabov, T.D. 1-31903
- Dyson, B.F. see Bolton, C.J. 1-31544
- Dyson, B.F. see Loveday, M.S. 1-39395
- Dyson, P.L. see Butcher, E.C. 1-40175
- Dysthe, K.B., Das, K.P. Coupling between a surface-wave spectrum and an internal wave: modulational interaction 1-51793
- Dytlevskii, N. see Thies, H.H. 1-23638
- Dytman, S.A. see Bosted, P.E. 1-14515
- Dyubko, S.F. see Rak, V.G. 1-33664
- Dyugaev, A.M. Gauge and scale transformations in the theory of a Fermi liquid 1-27868
- Dyukov, V.F. see Valatka, R.Yu. 1-52412
- Dyul'dina, K.A. see Poinenon, I.L. 1-15836
- Dzagnidze, A.Sh. see Barkhudarov, E.M. 1-24959
- Dzeban, I.P. see Voznesenskii, B.S. 1-27292
- Dzenis, V.V., Merten, A.A., Shumskii, V.V. Effect of dosed physical loads on the state of the tibial bones of athletes according to ultrasound measurements 1-13275
- Dzhabua, Z.U. see Abrikosov, N.Kh. 1-42530
- Dzhabarov, E.O. see Golikova, O.A. 1-30751
- Dzhabarov, G.M. see Guseinov, I.I. 1-28865
- Dzhabarov, N.Kh., Mamedova, A.Kh., Guseinov, M.K., Suleimanov, A.S. Crystal and molecular structure of methyl 3-keto-1,4-thiazinyl-2-acetate 1-25252
- Dzhabarov, N.Kh. see Amirasanov, I.R. 1-42356, 1-42357
- Dzhabarov, B.M., Timinskii, Yu.V., Chirnov, V.S., Gurinovich, G.P. Investigation of short-lived excited states of complexes of porphyrins with Fe(III), Co(II), and Ag(II) by means of picosecond flash photolysis 1-17347
- Dzhabarov, B.M. see Salokhiddinov, K.I. 1-14954
- Dzhalal-kyzy, E. see Abasov, S.A. 1-26124
- Dzhalishvili, M.N., Agladze, R.I., Smykova, S.V. Influence of technological electrolysis parameters on the magnetic characteristics of ferritic raw material 1-39287
- Dzhamagidze, Sh.E., Chamagua, A.Kh., Shvangiradze, R.R. Method for the determination of the diffusion length of nonequilibrium carriers in bases of silicon cells for photon and beta-ray energy conversion 1-35658
- Dzhamarov, S.S. see Bochkov, A.V. 1-12864, 1-53291
- Dzhambazis, K.Y. see Kharizanov, P.S. 1-50154
- Dzhambazis, K.Ya. see Kharizanov, P.S. 1-48761
- Dzhamgarov, G.M. see Bashkin, V.A. 1-15513

- Dzhana, R.N.**, Data, N. Development of nonsteady free convection under the action of moving vertical plates 1-46746
- Dzhiapishvili, T.V.**, Naskidashvili, B.D., Nachkebiya, N.A., Shatashvili, L.Kh. Intensity variations and recurrent changes in cosmic ray anisotropy in conjunction with the anomalous behavior of the velocity of the solar wind in 1972-1975 1-36148
- Dzhiapishvili, V.P.** Supernova in NGC 7448 1-22826
- Dzhavadov, A.V.**, Mukhtarov, A.I., Mirabutalov, M.M., Tveretskiy, A.P. Elastic scattering of electrons by nuclei with multipole moments 1-23643
- Dzhavadov, A.V.**, Mukhtarov, A.I., Sadykhov, A.R. Scattering of electrons by aligned deformed nuclei in the eikonal approximation 1-23644
- Dzhavadov, A.V.**, Sadykhov, A.R. Eikonal magnetic scattering of electrons by deformed nuclei 1-23645
- Dzhavadov, B.M.** see Vinogradov, E.A. 1-2626
- Dzhavadov, L.N.**, Krotov, Yu.I. Pressure dependence of the Grüneisen parameter in the region of a phase transition in RbCl 1-20347
- Dzhelepor, B.S.**, Shestopalova, S.A. Reference ratios of gamma-ray line intensities 1-33232
- Dzhelepor, B.S.** see Adam, I. 1-636
- Dzheblyadin, R.I.**, Golovkin, S.V., Kachanov, V.A., Konstantinov, A.S., Konstantinov, V.F., Kubarovskiy, V.P., Kulik, A.V., Landsberg, L.G., Leontiev, V.M., Mukhin, V.A., Obratsov, V.F., Prokoshkin, Yu.D., Viktorov, V.A., Zaitsev, A.M. Study of $\eta \rightarrow \mu^+ \mu^-$ decay 1-23503
- Dzheblyadin, R.I.**, Golovkin, S.V., Konstantinov, V.F., Kubarovskiy, V.P., Landsberg, L.G., Leontiev, V.M., Mukhin, V.A., Obratsov, V.F., Petrunina, T.I., Pokrovskiy, N.S., Zaitsev, A.M. Inclusive production of muon pairs and vector mesons in $\pi^- N$ collisions at momenta 27 and 40 GeV/c 1-45369
- Dzheblyadin, R.I.** see Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Dzheredzhyan, A.A.** see Avakyan, G.M. 1-38843
- Dzhibuti, R.I.**, Keserashvili, R.Ya., Sigua, K.I. π^- -meson double charge exchange on the ^4He nucleus 1-36969
- Dzhibuti, R.I.**, Krupennikova, N.B., Tomchinskii, V.Yu. Investigation of three-particle reaction $\pi^+ + ^9\text{Li} \rightarrow \alpha + n + n$ in hyperspherical basis 1-33272
- Dzhibuti, R.I.**, Shubitidze, N.I. On the application of the hyperspherical harmonics method to the many-body problem 1-5717
- Dzhigashina, G.F.** see Titov, V.B. 1-54132
- Dzhilavdari, I.Z.** see Biba, T.S. 1-46268
- Dzhilavyan, L.Z.**, Lelekov, A.V. Measurement of the differential coefficient of conversion of electrons into positrons on tantalum targets of optimal thickness for 25 MeV $\leq E \leq 60$ MeV 1-10577
- Dzhilavyan, L.Z.**, Lelekov, A.V. Magnetic spectrometer for the measurement of the differential coefficient of the conversion of electrons into positrons 1-10586
- Dzhilikbaev, Zh.M.**, Kazarnovskii, M.V. Transport of thermal neutrons from a pulsed source in an inhomogeneous moderator with a large cavity 1-28778
- Dzhioev, R.I.**, Tkachuk, M.N., Fleisher, V.G. Hypersonic field and spontaneous oscillations of the polarization in the optical orientation of electrons and nuclei in GaAlAs crystals 1-3300
- Dzhmukhadze, S.V.**, Kladnitskaya, E.N., Popova, V.M., Toneeva, G.P. Polarization of Λ hyperons produced in π^- -propane interactions at the momentum of 40 GeV/c 1-36891
- Dzhmukhadze, S.V.**, Kladnitskaya, E.N., Popova, V.M., Toneeva, G.P., Shabelskii, Yu.M. Production of two Λ hyperons in π^- ^{12}C interactions at 40 GeV/c 1-36889
- Dzhmukhadze, S.V.** see Abdramanov, E.O. 1-722
- Dzhoridzhishvili, L.I.** Effect of irradiation on surface resistance of lead 1-52641
- Dzhrbashyan, V.A.** Quantum-mechanical treatment of the magnetic-resonance problem 1-26012
- Dzhalukyan, V.M.** see Kazaryan, R.A. 1-46227
- Dzurinskii, B.F.**, Zorina, L.N., Lysanova, G.V., Komova, M.G., Soschinn, N.P., Tananaev, I.V., Reznik, E.M. Luminescent properties of double molybdates and tungstates of rare earths and alkali metals 1-39136
- Dzhus, T.M.** see Shirokshina, Z.V. 1-15251
- Dzhusov, Yu.P.** see Sorokin, D.N. 1-11397
- Dzickanec, M.** see Heymann, D. 1-9476
- Dzickanec, M.** see Heymann, D. 1-9408
- Dzieciol, C.** see Stoch, Z. 1-53152
- Dziedzić, J.M.** see Ashkin, A. 1-6456
- Dziemowski, W.** δ Scuti variables: the link between giant- and dwarf-type pulsators 1-27536
- Dziemowski, W.** see Christensen-Dalsgaard, J. 1-27470
- Dziemowski, W.A.** see Hill, H.A. (editor) 1-22954
- Dzierba, A.** see Bromberg, C. 1-10266, 1-45364
- Dziganov, A.G.** see Gorenlenok, A.T. 1-39255
- Dzioba, S.**, Kelly, R. On the kinetic energies of sputtered excited particles. II. Theory and applications to group II A fluorides 1-16613
- Dzioba, S.** see Kelly, R. 1-39162
- Dziomko, V.M.** see Agre, V.M. 1-25251
- Dziunikowska, K.** see Gottgens, R. 1-50472
- Dziurnikowski, A.** Automatic determination of the frequency behaviour of the larynx tone by the method of linear prediction 1-15331
- Dzodziev, G.T.** see Pilyankevich, A.N. 1-12866
- Dzuba, S.A.**, Raitisimring, A.M., Tsvetkov, Yu.D. Electron spin-echo studies of phase relaxation kinetics in systems containing two types of spins 1-14946
- Dzubay, T.G.** see Stevens, R.K. 1-53732
- Dzibur, A.**, Jovanovic, I. Sensors and materials for hydrodynamic acoustics measurements 1-29801
- Dzugutor, L.P.** see Poluchin, V.A. 1-30041
- Dzuong, L.** Precipitation process in a cast alloy Al-3.5 wt.pct Zn-4 wt.pct Mg 1-21448
- Dzurisin, D.** Influence of fortnightly Earth tides at Kilauea Volcano, Hawaii 1-35963
- Dzyadevich, L.M.** see Travin, V.V. 1-11194
- Dzyadykevich, Yu.V.**, Medyukh, R.M., Gorskiy, V.V. Effect of copper on the processes of impregnation of refractory metals with boron and silicon 1-53357
- Dzyaloshinskii, I.E.** Macroscopic description of spin glasses 1-12335
- Dzyubenko, B.V.**, Dreiter, G.A. Investigation of heat exchange and hydraulic resistance in heat exchange device with swirl flow 1-6749
- Dzyubenko, N.I.**, Leonov, N.A., Milinevskiy, G.P. Crossing of the E₊ layer by a rocket with injector as observed by television from an aircraft 1-22591
- Dzyura, E.A.** Tensile strength and ultimate elongation of rubber-fibrous compositions 1-43427
- e Silva, J. Andrade see Andrade e Silva, J.
- e Silva, M. Andrade see Andrade e Silva, M.
- Eades, J. see Evangelista, C. 1-45354
- Eades, J.A. see Bolton, C.J. 1-35394
- Eades, R.A., Scanlon, K., Ellenberger, M.R., Dixon, D.A., Marynick, D.S. The proton affinity of ammonia. A theoretical determination 1-45824
- Eadie, A.S., Horton, P.W., Hilditch, T.E. Monitoring of airborne contamination during the handling of technetium-99m and radioiodine 1-27009
- Eagen, C.F., Weber, W.H., McCarthy, S.L., Terhune, R.W. Time-dependent decay of surface-plasmon-coupled molecular fluorescence 1-10770
- Eagles, D.M., Lalouisi, P. Analysis of ^{175}Lu NMR data on dilute alloys of Lu in Tb and Dy 1-34946
- Eaker, C.W., Allard, L.R. Generalized diatomics-in-molecules potential energy surfaces for H_3 and H_4 1-45878
- Eaker, D.W. see Saltiel, J. 1-12968
- Eakins, J.D. see Cambray, R.S. 1-13205
- Eakins, J.D. see Pattenden, N.J. 1-48934
- Eales, B.A. see Ashton, J.E.U. 1-41744
- Ealick, S.E. see Schaefer, W.P. 1-34298
- Eames, D. see Brau, K. 1-19944
- Eames, D. see Meserve, E.B. 1-24992
- Eames, D. see Strachan, J.D. 1-45729
- Eanes, E.D., Costa, J.L., MacKenzie, A., Warburton, W.K. Technique for the preparation of solid specimens for X-ray absorption studies 1-23397
- Eapen, K., Ghosh, D.K., Singh, R.P. Alloy analogy in the extended Hubbard model 1-34605
- Eargle, J. Sound recording 1-11282
- Earl, W.L. see Southwood-Jones, R.V. 1-33483
- Earle, E.D. see Palsson, B. 1-685
- Earles, D.R. see Sun, B.K. 1-10468
- Early, P.W., Burns, S.J. $J_{1/2}$ measured with mechanically unstable test specimens with finite differences in crack areas 1-1885
- Early, T.A., Feigon, J., Kearns, D.R. Direct measurement of spin-spin and spin-lattice relaxation rates of exchangeable N-H protons of DNA in water 1-41526
- Earman, J., Glymour, C. The gravitational red shift as a test of general relativity: history and analysis 1-32827
- Earmme, Y.Y. see Lee, J.K. 1-26562
- Earnshaw, J.C. see Crilly, J.F. 1-32101
- Earwick, M.J. Signal-to-noise ratio gain of sparse array processors 1-11250
- Easley, J.A. see Colletti, J.P. 1-45665
- Eason, R.W., Greenhow, R.C., Matthew, J.A.D. Modeling of picosecond pump and probe photobleaching experiments on fast saturable absorbers 1-41788
- East, G.H. see Argon, A.S. 1-12827
- East, L.F., Sawyer, W.C. An investigation of the structure of equilibrium turbulent boundary layers 1-1934
- Eastep, F.E. see Marsh, J.E. 1-11422
- Easter, J.R. see Allen, T.W. 1-50860
- Easterbrook, M.G. see Willis, D.M. 1-9251
- Eastham, D.A. Multiple scattering of ions in polyatomic materials 1-31261
- Easthope, P.L., Brooks, D.E. A comparison of rheological constitutive functions for whole human blood 1-39948
- Eastman, D.E. see Aono, M. 1-53054
- Eastman, D.E. see Bradshaw, A.M. 1-42844
- Eastman, D.E. see Chiang, T.-C. 1-6320, 1-12629, 1-19068
- Eastman, D.E. see Himpel, F.J. 1-3567, 1-16333, 1-26365, 1-30808
- Eastman, D.E. see Jimpel, F.J. 1-8189
- Eastman, D.E. see Kaindl, G. 1-26362
- Eastman, D.E. see van der Veen, J.F. 1-16179, 1-21326
- Eastman, D.E. see Weaver, J.H. 1-26367
- Eastman, D.R. see Pearlman, D. 1-10042
- Eastman, J.M. The scanning Fizeau interferometer. An automated instrument for characterizing optical surfaces 1-33047
- Eastman, L.F. see Morkoc, H. 1-2474
- Eastman, L.F. see Wang, W.I. 1-34777
- Easton, A.J. see Hutchison, R. 1-36228
- Easton, W.H., Teh-Lung Ku. Holocene sea-level changes in Palau, West Caroline Islands 1-49285
- Eastwood, E. Radio and the birth of the Universe 1-4783
- Eastwood, J.B. see Efstathiou, G. 1-44679
- Eastwood, M.G. On the twistor description of massive fields 1-27842
- Eastwood, M.G., Penrose, R., Wells, R.O., Jr. Cohomology and massless fields 1-32892
- Eaton, C.R. see Rowlands, J.R. 1-18711
- Eaton, F.D. see Wendler, G. 1-8675
- Eaton, G.R. see Eaton, S.S. 1-24177
- Eaton, H.C. see Gipson, G.S. 1-14210
- Eaton, J.A., Chi-Chao Wu, Rucinski, S.M. Ultraviolet colors of W Ursae majoris: gravity darkening, temperature differences, and the cause of W-type light curves 1-9563
- Eaton, M.W. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Eaton, M.W. see Dorfan, J.M. 1-41020
- Eaton, M.W. see Himel, T.L. 1-18482
- Eaton, M.W. see Scharre, D.L. 1-18485, 1-45292
- Eaton, S.S., More, K.M., DuBois, D.L., Boyml, P.M., Eaton, G.R. Metal-nitroxyl interactions. XV. Comparison of EPR spectra at X band and Q band 1-24177
- Eaton, W.A. see Ferrone, F.A. 1-8798
- Eaves, C.J. see Henkelman, R.M. 1-43916
- Eaves, L., Englert, Th., Uihlein, Ch., Williams, P.J. The magnetic field and uniaxial stress dependence of the Cr-related photoluminescence of GaP(Cr) 1-48139
- Ebara, K. see Ito, K. 1-45646
- Ebashi, H. see Shigenari, T. 1-43110
- Ebata, H. see Kanou, K. 1-26639
- Ebata, S. see Tanoyama, S. 1-50868
- Ebata, T., Obi, K., Tanaka, H. Rate constants for the reactions of benzyl and methyl-substituted benzyl radicals with O_2 and NO 1-43648
- Ebbeni, J., Huybrecht, A., Orloff, S. Holographic determination of demineralization of bones 1-8964
- Ebbesmeyer, C.C. see Emery, W.J. 1-27188
- Ebbesmeyer, C.C. see Lindstrom, E.J. 1-32453
- Ebbets, D., Wolff, S.C. Observations of C III $\lambda 9701$ -9718 in early type stars 1-49637
- Ebbin, C., Zadro, M. Strain determinations with tiltmeters in cavities 1-17708
- Ebbisjo, I. see Kinell, T. 1-25131
- Ebel, J.E. Source processes of the 1965 New Hebrides Islands earthquakes inferred from teleseismic waveforms 1-4444
- Ebel, J.P. see Moras, D. 1-32092
- Ebel, M.F. Probing the influence of thin overlayers on the results of quantitative XPS analysis without reference samples 1-43726
- Ebel, M.F. Determination of the reduced thickness of surface layers by means of the substrate method 1-53514
- Ebel, M.F., Toth, K., Polos, L., Pungor, E. XPS investigations of Cu(II) ion-selective electrodes 1-42617
- Ebeling, G. see Zill, H. 1-984
- Ebeling, K.J. Influence of direct sound on the fluctuations of the room spectral response 1-11245
- Ebeling, K.J. C-distributed spatial intensity derivatives in monochromatic speckle patterns 1-24357
- Ebeling, K.J., Freudenstein, K. On spatial averaging of sinusoidal sound intensities in reverberant rooms: exact distribution functions 1-1774
- Ebeling, W., Engel-Herbert, H. The influence of external fluctuations on self-sustained temporal oscillations 1-27877
- Ebeling, W. see Jimenez Montano, M.A. 1-32910
- Ebeling, W.D., Rex, D., Bierfischer, U. Properties of solar generators with reflectors and radiators 1-39803
- Eberhard, K.A. see Konnerth, D. 1-18665
- Eberhard, K.A. see Singh, R. 1-14492
- Eberhard, P.H. see Green, M.A. 1-45793

- Eberhard, W. *see* Campagna, M. 1-48232
- Eberhard, W.L., Schotland, R.M. Dual-frequency Doppler-linear method of wind measurement 1-9262
- Eberhardt, A. *see* Homer, C. 1-43454
- Eberhardt, W., Brickman, R., Kaldor, A. Photoelectron microscopy from electronically excited semiconductors 1-48220
- Eberhardt, W., Plummer, E.W. Reply to 'Comment on the interpretation of the -3.3 and -2.8-eV features observed by Eberhardt and Plummer in Ni (001) photoemission' 1-39215
- Eberhart, R.C. *see* Shitzer, A. 1-22153
- Eberharter, G., Feuerbaum, H.P. Scanning-electron-microscope observations of propagating acoustic waves in surface acoustic wave devices 1-24615
- Eberharter, G. *see* Feuerbaum, H.P. 1-20541
- Eberle, E. Elementary and quantum behaviour 1-49973
- Eberlein, G.D. *see* Van der Voo, R. 1-22213
- Eberling, C. *see* Seiler, W. 1-9220
- Eberly, J.H. Unified view of spontaneous emission in several theories of radiation 1-14031
- Eberly, J.H., Konopnicki, M.J., Shore, B.W. The influence of propagation on off-resonant excitation of a model molecule 1-19140
- Eberly, J.H. *see* Konopnicki, M.J. 1-51564
- Eberly, J.H. *see* Narozhny, N.B. 1-24084
- Eberly, J.H. *see* Yeh, J.J. 1-1654
- Ebersole, T.E. *see* Smith, R.N. 1-21930
- Ebert, A. *see* Fedotov, V.D. 1-47964
- Ebert, I. *see* Hennig, H.-P. 1-20395
- Ebert, J. *see* Kuster, H. 1-37524
- Ebert, K.H. The reprocessing of fast-breeder-reactor fuel elements 1-23779
- Ebert, L.B., Selig, H. Determination by magnetic resonance of species intercalated in graphite 1-47960
- Ebert, L.B. *see* Kleinberg, R.L. 1-39000
- Eberth, J. *see* Zobel, V. 1-10293
- Ebihara, L., Johnson, E.A. Fast sodium current in cardiac muscle. A quantitative description 1-13225
- Ebina, A., Asano, K., Suda, Y., Takahashi, T. Oxidation properties of II-VI compound surfaces studied by low-energy electron-loss spectroscopy and 21 eV photoemission spectroscopy 1-16925
- Ebina, A., Asano, K., Takahashi, T. Surface properties of clean, and with adsorbed oxygen, surfaces of CdTe (110), (111), and (100) and of CdSe {0001} studied by electron-energy-loss spectroscopy and Auger-electron spectroscopy 1-7687
- Ebina, A. *see* Asano, K. 1-52625
- Ebina, Y. *see* Koga, K. 1-35789
- Ebisawa, F. *see* Nakagawa, K. 1-1699
- Ebisawa, H. Acoustic shear impedance of superfluid ⁴He at low temperatures 1-30509
- Ebisawa, H. *see* Avenel, O. 1-25520
- Ebisawa, S. Evaluation of durability of solar selective absorbers and transparent filters 1-21910
- Ebisawa, S., Gonda, S., Sawada, S., Komiya, S., Noguchi, Y. Fabrication of long collector pipes coated with ZrC_x/Zr selective absorber 1-21905
- Ebisawa, S., Ihara, H., Shinoki, F. ZrC_x/Zr solar selective absorber 1-21902
- Ebisawa, S., Nakayama, Y. Coating of metal-carbide HfC/Hf solar-selective absorber onto pipes 1-21904
- Ebisuya, M. *see* Yamamoto, J. 1-892
- Ebner, C. Film formation on a weakly attractive substrate within the lattice-gas model 1-18172
- Ebner, C. *see* Kan, D. Y. 1-25137
- Ebner, H., Hofmann-Wellenhof, B., Reiss, P., Steidler, F. HIFI - a microcomputer programme system for height interpolation with finite elements 1-441
- Ebner, T.J., Bantli, H., Bloedel, J.R. Effects of cerebellar stimulation on unitary activity within a chronic epileptic focus in a primate 1-26889
- Ebner, W., Leiderer, P. Development of the dimple instability on liquid ⁴He 1-34529
- Ebrahim, N.A., Baldi, H.A., Joshi, C., Benesch, R. Hot electron generation by the two-plasma decay instability in the laser-plasma interaction at 10.6 μ m 1-19922
- Ebrahim, N.A., Joshi, C. Electron heating in high density CO₂ laser-plasma interaction 1-38126
- Ebrey, T.G. *see* Tsuda, M. 1-8863
- Eby, P.B. *see* Vessot, R.F.C. 1-27855
- Eby, R.E. *see* Smith, D.H. 1-17125
- Eccleston, G.W., Jr., Bosler, G.E. Calculational and experimental neutron transport effects in polyethylene 1-41279
- Ecer, A. Variational formulation of viscous flows 1-73
- Ech, F.A. *see* Antipov, Yu.M. 1-5663
- Echarri, A., Lopez, *see* Lopez Echarri, A.
- Echenagucia, J., Fricke, A.L., Hassler, J.C. Nodal positioning analysis (NPA) - A numerical method for determining flow behavior of thermoplastic materials 1-46787
- Echeverria, L.M. Oceanic basaltic magmas in accretionary prisms: the Franciscan intrusive gabbros 1-32386
- Echigo, R. *see* Kamiuto, K. 1-19798
- Echlin, P., Broers, A.N., Gee, W. Improved resolution of sputter-coated metal films (SEM specimen preparation) 1-16689
- Echterhoff, J.A. *see* Sattlegger, J.W. 1-54262
- Eck, H.J. *see* Ginaven, R.O. 1-9370
- Eck, J.van *see* van Eck, J.
- Eck, J.L.van *see* Van Eck, J.L.
- Eck, J.S., Ophel, T.R., Clark, P.D., Weissner, D.C., Satchler, G.R. Elastic and inelastic scattering measurements for the ²⁴Mg + ²⁰⁸Pb and ²⁸Si + ²⁰⁸Pb systems 1-36962
- Eck, J.S. *see* Clark, P.D. 1-18555
- Eckard, L.D. *see* Mobley, F.F. 1-9346
- Eckard, R.D. *see* Mayhall, D.J. 1-6022
- Eckardt, G. Properties of anchored cathode spots of a DC mercury vacuum arc 1-34145
- Eckardt, J., Jakob, J.A., Lamp, J., Wittje, V. Multitemporal and multispectral remote sensing of soils in cultured landscapes of North Germany 1-5330
- Eckardt, R.C., Esterowitz, L. Tunable pump source for Ho and Er IR lasers 1-46359
- Eckardt, R.C., Esterowitz, L., Allen, R.E. Dual wavelength laser operation in Ho, Er:YLF 1-29289
- Eckardt, R.C. *see* Esterowitz, L. 1-29288
- Eckart Exner, H., Back, H., Roth, J. Some experiences in the documentation of colour micrographs 1-31798
- Eckbreth, A.C. *see* Hall, R.J. 1-19105
- Ecke, W. *see* Lebedev, A.A. 1-20864
- Eckeles, P.W. *see* Singh, S.K. 1-48927, 1-48929
- Eccker, E. *see* Schmidt, V. 1-8637
- Eccker, G. Non-LTE plasma recovery 1-38103
- Eccker, G., Grimus, W., Konetschny, W. Analysis of horizontal symmetries in a minimal SU(2)_xSU(2)_RxU(1) gauge theory 1-40929
- Eckert, E.R.G., Faghri, M. A general analysis of moisture migration caused by temperature differences in an unsaturated porous medium 1-29765
- Eckert, E.R.G., Sparrow, E.M., Goldstein, R.J., Pfender, E., Patankar, S.V., Ramsey, J.W., Teichman, K.Y. Heat transfer - a review of 1979 literature 1-33956
- Eckert, J. *see* Youngblood, R. 1-3342
- Eckert, J.C. *see* Brill, J.W. 1-47625
- Eckert, R.E. *see* Ybarra, R.M. 1-37898
- Ecckey, H. *see* Boer, R. 1-41160
- Eckhardt, B. *see* Stahlhofen, W. 1-33353
- Eckhardt, H. *see* Shacklette, L.W. 1-11697
- Eckhardt, S. *see* Aljochin, V.P. 1-30490
- Ecklin, H. *see* Boeckl, R. 1-17123
- Ekkin, G., Schlicht, D., Plessl, A. Overvoltages in GIS caused by the operation of isolators 1-52018
- Ecklund, W.L. *see* Ogawa, T. 1-40252
- Eckman, R. *see* Muller, L. 1-21060
- Eckstein, W., Verbeek, H. Reflection of hydrogen from stainless steel for non-normal incidence 1-26329
- Eckstein, W., Verbeek, H., Bhattacharya, R.S. Scattering of hydrogen and helium from cesiated surfaces 1-16644
- Eckstein, Y., Landau, J., Lipson, S.G., Olami, Z. Role of substrate symmetry in nucleating solid helium 1-25528
- Ecob, R.C., Bee, J.V., Ralph, B. The cellular reaction in dilute copper-titanium alloys 1-8313
- Ecob, R.C., Bee, J.V., Ralph, B. Some ordering phenomena in the β Cu₃Ti phase 1-16781
- Ecolivet, C., Poignant, H. Berilinite and quartz α - β phase transition analogy as seen by Brillouin scattering [elastic constant] 1-53224
- Economou, E.N. Theory of hydrogenated silicon 1-47425
- Economou, E.N., Soukoulis, C.M. Static conductance and scaling theory of localization in one dimension 1-52551
- Economou, E.N. *see* Papaconstantopoulos, D.A. 1-12024
- Economou, E.N. *see* Soukoulis, C.M. 1-16260, 1-52524
- Economou, N.A. *see* Chadivasilou, S. 1-30717
- Economou, N.A. *see* Papadimitriou, L. 1-43771
- Economou, N.P., Alferness, R.C., Buhl, L.L. Novel picosecond optical pulse sampling technique for measuring the response of high-speed optical modulators 1-51609
- Economou, N.P. *see* Alferness, R.C. 1-15257
- Ecedi, L. A method to estimation of heat rate 1-46734
- Edagawa, A. *see* Takeda, Y. 1-2387
- Edaishi, T., Jingui, K., Shibata, N. Residual stresses in optical fiber preforms 1-33823
- Edaishi, T., Kawachi, M., Sudo, S., Inagaki, N. OH-ion reduction in the optical fibers fabricated by the vapor phase axial deposition method 1-6695
- Edaishi, T., Kawachi, M., Sudo, S., Tomaru, S. Deposition properties of high-silica particles in the flame hydrolysis reaction for optical fiber fabrication 1-24539
- Edaishi, T. *see* Hosaka, T. 1-46560
- Edaishi, T. *see* Moner, M. 1-24500
- Edaishi, T. *see* Moriyama, T. 1-11200
- Edaishi, T. *see* Shibata, N. 1-41845, 1-41864
- Edaishi, T. *see* Sudo, S. 1-26402, 1-41894
- Edaishi, T. *see* Tomaru, S. 1-33835
- Edaishi, T. *see* Yoshioka, N. 1-11199
- Edamatsu, H. *see* Saraie, J. 1-26258, 1-39352
- Edde, H., Dietrich, M.W. Energy conservation and environmental benefits of thermal energy storage systems in the pulp and paper industry 1-48913
- Edden, A.C. *see* Cartwright, D.E. 1-17622
- Eddin, A.Z. *see* Joulie, A. 1-48037
- Eddington, I. *see* Eddington, N. 1-19510
- Eddington, N., Eddington, I. Attenuation of noise at the point of perception: a new look at a least preferred strategy 1-19510
- Eddolls, D.W. *see* Bickley, W.P. 1-20795
- Eddy, H.A. Alterations in tumor microvasculature during hyperthermia 1-39888
- Edel, P., Henderson, B., d'Aubigne, Y.M., Rometstein, R. Origin of the luminescence excited in the F absorption band in MgO 1-3468
- Edelbadkar, V.S., Khare, P.L., Mande, C. Transition rates of some forbidden lines in X-ray spectra 1-6194
- Edelbock, W. *see* Schamm, R. 1-38570
- Edelman, H.S. *see* Margaritondo, G. 1-16235
- Edelman, I.S. *see* Belyaeva, A.I. 1-3434
- Edelman, S. *see* DeReggi, A.S. 1-51683
- Edelman, S.K. *see* McGee, M.G. 1-35917
- Edelman, V.S. Levitated electrons 1-20509
- Edelmann, M. A new correlation method for measuring individual coolant flow and power of LMFBF subassemblies 1-18831
- Edelmann, M., Hoppe, P., Mitzel, F., Vaeth, W. Two-phase-flow effects observed in a sodium-cooled reactor 1-18730
- Edelmann, X., Pfister, O., Hornung, R. Considerations to estimate results of ultrasonic investigations on weldings 1-39556
- Edelmayer, J. *see* Szabo, A. 1-27933
- Edelshtein, G.B., Kazakov, L.V., Shemelev, V.N. Dependence of the characteristic X-radiation intensity on the angle of incidence of electrons on bulk targets 1-39186
- Edelson, M. *see* Bree, A. 1-1241
- Edelstein, A.S. *see* Johanson, W.R. 1-42674
- Edelstein, H.P. *see* Macander, A. 1-39456
- Edelstein, N. *see* Banks, R.H. 1-10726
- Edelstein, R.H. *see* Blair, P. 1-43740
- Edelstein, R.M. *see* Bionta, R.M. 1-28342
- Edelstein, S.J. Patterns in the quinary structures of proteins. Plasticity and inequivalence of individual molecules in helical arrays of sickle cell hemoglobin and tubulin 1-8810
- Edelstein, W.A., Hutchison, M.S., Smith, F.W., Mallard, J., Johnson, G., Redpath, T.W. Human whole-body NMR tomographic imaging: normal sections 1-39980
- Edelstein, W.S. On transient creep bounds and approximate solutions for the torsion of thin strips 1-15415
- Eden, A. Thermographic analysis detects flow problems in collectors 1-39827
- Eden, J.C. *see* Dlabal, M.L. 1-37267, 1-37463, 1-37475, 1-41671
- Edenhofer, J., Schmitz, G. A method of calculating flow characteristics in an open chute [channel] 1-42096
- Edenius, M. Comparison between CASMO and CPM 1-50854
- Edenius, M. Analysis of BWR bundles with nonuniform void within the channel 1-50855
- Edenstrasser, J.W. Numerical treatment of symmetric MHD equilibria 1-19883
- Edenstrasser, J.W. The only three classes of symmetric MHD equilibria 1-34055
- Eder, E. On the question of the existence of a canonically defined distance function for metrics with indefinite signature on a given manifold 1-44791
- Eder, F.X. *see* Appel, H. 1-38005
- Eder, O.J., Kunsch, B., Suck, J.B., Suda, M. The scattering law S(Q, ω) of liquid aluminum 1-30036
- Eder, S. *see* Vana, N. 1-3512
- Eder, V.E. Detection and estimation of malfunctions in nuclear reactors with the aid of the remote monitoring system 1-794
- Ederer, D.L. *see* Codling, K. 1-46018
- Ederer, D.L. *see* Parr, A.C. 1-33519
- Edessess, M. *see* Leboeuf, C.M. 1-53677
- Edgar, A., Brunsell, I.H., Manson, N.B., Haider, Y. Effect of electric fields on the spectra of off-centre substitutional defects in strontium oxide 1-3245
- Edgar, A., Siegel, E., Urban, W. Magnetic single-ion anisotropy and zero-field splittings of Mn²⁺ ions in some low-dimensional chlorides 1-34667
- Edgar, A. *see* Haider, A.F.M.Y. 1-26021
- Edgar, S.B. The structure of tetrad formalisms in general relativity: the general case 1-127
- Edge, E.C. Effect, on moisture absorption experiments, of failure to dry specimens prior to exposure 1-7386
- Edge, O., Goya, H., Negita, H. A signal averaging device for nuclear quadrupole resonance 1-52863
- Edge, R.D. *see* Preadom, B.M. 1-45540
- Edge, R.J., Baker, T.F., Jeffries, G. Borehole tilt measurements: aperiodic crustal tilt in an aseismic area 1-53961

- Edgerton, R.H. Second law and radiation 1-17183
- Edgley, P.D. *see* Wall, D.N. 1-46896
- Edholm, O., Blomberg, C. Dynamics of kink motion in hydrocarbon chains: calculation of NMR relaxation times 1-28997
- Edholm, P. *see* Knutsson, H.E. 1-22111
- Edholm, P. *see* Petersson, C.U. 1-22112
- Edlin, M.A. *see* Chang-Lin Wey 1-39909
- Edlen, B. A critical compilation of energy levels in the configurations $2s^2 2p^1$ ($m=2, 1, 0$) of F I-, O I- and Be I-like spectra 1-37089
- Edigboffer, J.A. *see* Pantell, R.H. 1-10899
- Edin, J.A.D. *see* Chen, S.P. 1-30479
- Edington, J.W. *see* Norian, K.H. 1-35660
- Edinstov, I.M., Ivanitskii, G.R., Kuniskii, A.S., Poglazov, B.F., Turkin, A.I. Three-dimensional organization of sheath of pycnin RI 1-17343
- Ediss, C. *see* McQuarrie, S.A. 1-49110
- Edmond, J.M. *see* Bishop, J.K.B. 1-32465
- Edmonds, D.T. *see* Brosnan, S.G.P. 1-39002
- Edmonds, D.T. *see* Davidson, M.M. 1-47965
- Edmonds, D.V. *see* Crooker, T.W. 1-3902
- Edmonds, E.W., Hynes, D.M., Krametz, K.R., Baranoski, D. Low dose, low cost fluoroscopy, with a multi-image camera and pulsed fluoroscopy with intermittent storage 1-43971
- Edmonds, J.W. Precision Guinier X-ray powder diffraction data 1-29991
- Edmonds, P.D. *see* Adamovics, A. 1-53818
- Edmonds, P.D. *see* Glick, D. 1-53819
- Edmonds, P.D. *see* Stephens, R.J. 1-8901
- Edmonds, P.D. *see* Stolzenberg, S.J. 1-13286
- Edmonds, P.H. *see* Milora, S.L. 1-33346
- Edmonds, P.H. *see* Pearce, J.W. 1-6003
- Edmunds, D.L., Pratt, W.P., Jr., Rowlands, J.A. 0.1 ppm four-terminal resistance bridge for use with a dilution refrigerator 1-23265
- Edmunds, M.G. *see* Pagel, B.E.J. 1-4961
- Edmundson, J.M. *see* Hendry, J.H. 1-43911
- Edneral, A.F. *see* Rusanenco, V.V. 1-3738, 1-48380
- Edneral, A.F. *see* Voronin, S.A. 1-43371
- Edney, B.E. Metal piercing and fracture of brittle materials using pulsed water jets 1-35386
- Edney, E.O. *see* Hanst, P.L. 1-22380
- Edrich, J. *see* Robert, J. 1-8972
- Edstrom, C.M. *see* Arons, R.M. 1-21644
- Edwards, A. *see* Altkofer, O.C. 1-45773
- Edwards, A. *see* Aubert, J.J. 1-5630
- Edwards, A.A., Purrott, R.J., Prosser, J.S., Lloyd, D.C. The induction of chromosome aberrations in human lymphocytes by alpha-radiation 1-4332
- Edwards, A.A. *see* Bartlett, D.T. 1-6045
- Edwards, A.A. *see* Purrott, R.J. 1-13291
- Edwards, A.K. *see* Shah, A.V. 1-33537
- Edwards, A.K. *see* Wood, R.M. 1-12981
- Edwards, B. Collector deflections due to wind gusts and control scheme design 1-8680
- Edwards, B. A computational alignment method for paraboloidal collectors 1-53663
- Edwards, B.C., Phillips, P.J., Sorenson, D. High-pressure phases in polymers. V. Crystallization studies of synthetic cis-polyisoprene 1-34244
- Edwards, B.C. *see* Briggs, A. 1-39527
- Edwards, B.C. *see* Druce, S.G. 1-33303
- Edwards, B.J., Thomas, G.H. Inelastic thresholds and dibaryon resonances 1-33199
- Edwards, C.B., Alger, D.M. Utilization of the University of Missouri research reactor waste heat 1-28691
- Edwards, C.B., O'Neill, F., Shaw, M.J. Study of the KrF laser medium at high E-beam pump rate 1-41672
- Edwards, C.B. *see* Craddock, D. 1-29270
- Edwards, D. *see* Barish, B. 1-10192
- Edwards, D., Jr. Multilayer thermal desorption 1-2828
- Edwards, D., Jr., Lanni, C. Ti getter study 1-28000
- Edwards, D.A. *see* Evans, D.S. 1-9485
- Edwards, D.F., Ochoa, E. Infrared refractive index of silicon 1-34999
- Edwards, D.K. *see* Wu, P.S. 1-13167
- Edwards, D.N. *see* Armstrong 1-10254
- Edwards, D.N. *see* Costa, G. 1-23516
- Edwards, D.N. *see* Di Gennaro, V. 1-5660
- Edwards, D.N. *see* Evangelista, C. 1-23515, 1-45354
- Edwards, D.O., Mantz, I.B. The adsorption of atomic hydrogen on the surface of ^4He 1-2733
- Edwards, F.M. *see* Markive, C.R. 1-22140
- Edwards, G.D. *see* Smith, R.C. 1-18281
- Edwards, G.J. *see* Knight, D.J.E. 1-36631
- Edwards, H. *see* Barish, B. 1-10192
- Edwards, H.E., Navaratnam, S., Phillips, G.O. Laser flash photolysis of methylene blue in the presence of polyanions 1-21751
- Edwards, J.G. Recent developments and problems in detectors for measurement of laser outputs 1-29291
- Edwards, J.G., Freeman, R.D. Optimum geometry for conical orifices in torsion-effusion experiments 1-38038
- Edwards, J.G. *see* Haque, R. 1-38523
- Edwards, K.W. *see* Dankowych, J.A. 1-50460
- Edwards, M. *see* Altkofer, O.C. 1-45773
- Edwards, M. *see* Armstrong 1-10254
- Edwards, M. *see* Aubert, J.J. 1-5630
- Edwards, M. *see* Di Gennaro, V. 1-5660
- Edwards, M. *see* Evangelista, C. 1-45354
- Edwards, M.F., Smith, R. The integration of the energy equation for fully developed turbulent pipe-flow 1-29787
- Edwards, M.J., Taylor, A.M.R. Unusual levels of (ADP-ribose)_n and DNA synthesis in ataxia telangiectasia cells following γ -ray irradiation 1-13222
- Edwards, P.A. *see* Young, M.W. 1-18727
- Edwards, P.L., Cook, B.D., Dardy, H.D. Comparison of the experimental and theoretical pressure fields in the nearfield of ultrasonic transducers systems 1-11273
- Edwards, P.L. *see* Pica, A.J. 1-22911
- Edwards, R.A.H., Eichenauer, W. Reversible hydrogen trapping at grain boundaries in super-pure aluminium 1-11874
- Edwards, R.N. A grounded vertical long wire source system for plane wave magnetotelluric analog modeling 1-40210
- Edwards, R.N. *see* Duncan, P.M. 1-27258
- Edwards, S.F. Ordering in strongly fluctuating systems. Introductory comments 1-7295
- Edwards, S.F., King, P.R., Pincus, P. Phase changes in lampholytes 1-38227
- Edwards, S.F., Tanaka, F. The ground state of a spin glass 1-7849
- Edwards, S.F., Wilkinson, D.R. The deduction of the probability distribution of sphere sizes in a random assembly from measurements on a cross-section through the assembly 1-9932
- Edwards, S.F. *see* Tanaka, F. 1-20998, 1-25954
- Edwards, T.H. *see* Gillis, J.R. 1-41380, 1-45953
- Edwards, T.J. Multiple features analysis of inter-vocalic English plosives 1-46632
- Edwards, T.W. Thermodynamic transport properties in dense stars 1-49618
- Edwards, V.W. *see* Baynham, D.E. 1-52739
- Eeg, J.O. Intermediate-resonance contributions to $K^+ \rightarrow \pi^+ e^+ e^-$ 1-10195
- Eekelen, C.A.G. *see* van Eekelen, C.A.G.
- Eekeshgazi, I.V. *see* Sal'kov, E.A. 1-21250
- Eenma, J. *see* McDonald, J.C. 1-44007
- Eesley, G.L. Coverage dependence of enhanced adsorbate Raman scattering 1-39086
- Efanov, A.D. *see* Subbotin, V.I. 1-28529
- Efanov, V.A., Moiseev, I.G., Nesterov, N.S. A survey of extragalactic radio sources at 1.35 cm 1-27627
- Efanov, V.A. *see* Dominin, S.L. 1-17809
- Efanov, V.A. *see* Matveenko, L.I. 1-17893
- Efendiev, Sh.M., Bagiev, V.E., Zeinaly, A.Ch., Balashov, V.A., Lomonov, V.A., Majar, A.A. Optical properties of $\text{Bi}_{12}\text{Ti}_{20}$ single crystals 1-52967
- Efendiev, T.Sh. *see* Rubinov, A.N. 1-1557
- Efeshin, A.N. *see* Lebedev, S.Ya. 1-45079
- Efetov, K.B., Larkin, A.I., Khmel'nitskii, D.E. Interaction between diffusion modes in localization theory 1-5547
- Efetov, K.B., Salomaa, M.M. Fluctuations in small volumes of liquid ^3He 1-42599
- Effantini, C. *see* Prosser, S.J. 1-6305
- Effert, S. *see* Hinsen, R. 1-40021
- Efimenko, S.A., Polkovnikov, Yu.V., Goncharov, A.G. Adjustment indicator for the Mineral-3 microprobe analyzer 1-45097
- Efimov, A.A. *see* Sivokhin, V.S. 1-48149
- Efimov, A.B. *see* Gliko, A.O. 1-51691
- Efimov, A.D. A ratiometer for two nonstationary signals for use in the method of stray currents 1-27269
- Efimov, A.M., Bal'makov, M.D., Orlova, G.M. Empirical theory of glass formation 1-52078
- Efimov, A.M., Khitrov, V.N. Analytical formulas for describing the dispersion of the refractive index in a glass allowing for the continuous character of the absorption spectrum 1-43090
- Efimov, A.M., Mikhailov, B.A., Arkatova, T.G. IR spectra of borate glasses and their structural interpretation 1-43128
- Efimov, A.M. *see* Mikhailov, B.A. 1-43092
- Efimov, E.A., Gerish, T.V., Shukene, V.L., Garmute, G.P. Incorporation of copper, nickel, and iron as impurities into gold coatings being deposited from neutral electrolytes 1-38687
- Efimov, G.V., Ivanov, M.A., Okhlopova, V.A. Characteristics of electromagnet, weak semileptonic and non-leptonic decays of pseudoscalar mesons in the nonlinear quark model 1-50418
- Efimov, G.V., Shevchenko, V.A., Nazarenko, V.V., Shishov, V.A., Garbuz, P.P. A dense chamotte refractory with a high thermal-shock resistance 1-12702
- Efimov, G.V. *see* Dineikhan, M. 1-40986, 1-40993
- Efimov, I.A. *see* Moscev, L.I. 1-23867
- Efimov, M.E., Kislova, G.N., Medvedev, V.A. The standard enthalpies of formation of crystalline aluminum (III) bromide and aluminum (III) iodide 1-48719
- Efimov, S.S., Tsarenko, V.M. On a self-similarity of the temperature distribution in the upper thermocline 1-13467
- Efimov, V.I., Savchenko, M.K. Relationship between magnetostriction and processes of magnetization of silicon-iron single crystals in an alternating magnetic field 1-7923
- Efimov, V.N. *see* Afanas'ev, V.A. 1-28532
- Efimov, V.V., Rabinovich, A.B. Resonance tidal currents and their connection with continental shelf waves in north-western Pacific 1-44205
- Efimov, Yu.V. *see* Frolova, T.M. 1-34840
- Efimov, Yu.V. *see* Savitskii, E.M. 1-47777
- Efimov, Yu.V. *see* Tabachnikova, E.D. 1-3827
- Efimov, Yu.Ya., Naberukhin, Yu.I. Explanation of characteristics of vibrational spectra of HOD molecules in solutions in ordinary and heavy water based on the fluctuation model of the hydrogen bond 1-28984
- Efimova, T.V. *see* Gun'ko, L.P. 1-48342
- Efimovskii, S.V. *see* Baranov, V.O. 1-33763
- Efimoviy, V.A., Kovalev, A.I., Poljakov, V.V., Popov, V.E., Prokofiev, A.N., Shvedchikov, A.V., Trautman, V.Yu., Vovchenko, V.G., Zhidakov, A.A., Borisov, N.S., Kazarinov, M.Yu., Kazarinov, Yu.M., Kiselev, Yu.F., Liburg, M.Yu., Neganov, B.S., Usov, Yu.A. Energy dependence of the spin-spin correlation parameter C_{NN} at 50° and 90° c.m. for pp-elastic scattering in the energy range 0.69-0.95 GeV 1-41007
- Efimtsov, B.M. Influence of the correlation space scales of random pressure fluctuations on acoustic radiation from a plate 1-37684
- Efinger, H.J. On certain nonlinear equations arising in self-consistent theories 1-27849
- Efremenko, V.I., Fedotov, A.V., Gorichev, P.A., Kaftanov, V.S., Kliger, G.K., Kolganov, V.Z., Krutichin, S.P., Kubantsev, M.A., Makhlyueva, I.V., Savitskiy, M.M., Shekeljan, V.I., Shevchenko, G., Berge, J.P., Bogert, D., Endorf, R., Hanft, R., Malko, J., Moffatt, G., Nezzick, F.A., Orava, R., Smart, W., Wolfson, J., Ammosov, V.V., Denisov, A.G., Gapienko, G.S., Gapienko, V.A., Klyukhin, V.I., Karieshev, V.I., Pitukhin, P.V., Slobodnyuk, E.A., Sirotenko, V.I., Volkov, A.A., Zaets, V.G., Bell, J., Coffin, C.T., Louis, W., Roe, B.P., Ross, R.T., Seidl, A.A., Sinclair, D., Wang, E. Nuclear effects in high-energy antineutrino interactions 1-33173
- Efremenko, V.I. *see* Ammosov, V.V. 1-40980
- Efremenko, V.I. *see* Bayukov, Yu.D. 1-36933
- Efremenko, V.V., Kornilov, L.N. Measurement of displacement of laser beam in media with variable optical thickness 1-46414
- Efremov, A.V., Ivanov, S.V., Mikhailov, S.V. Deep inelastic Compton scattering as a test of a whole-charge quark model 1-41001
- Efremov, A.V., Radyushkin, A.V. Asymptotic behavior of the pion form factor in quantum chromodynamics 1-10214
- Efremov, A.V. *see* Goloviznin, V.V. 1-50330
- Efremov, E.L. Determining the coherence of a field in a regular multimode optical glass fiber 1-29401
- Efremov, N.A. *see* Agranovich, V.M. 1-12582
- Efremov, N.A., Bercezin, T.A., Averina, I.M., Trunov, V.K. Structure of $\text{Na}_2\text{Tb}(\text{MoO}_4)_4$, $\text{Na}_2\text{Lu}(\text{MoO}_4)_4$, and $\text{Na}_2\text{Lu}(\text{WO}_4)_4$ 1-2416
- Efremov, V.A. *see* Lazoryak, B.I. 1-20167
- Efremov, V.G. *see* Neizvestnyi, S.I. 1-22822
- Efremov, V.S. Effect of the ϵ_1 and ϵ_2 coefficients on the variation of the third-order lateral aberration of two-mirror parabolic systems 1-41813
- Efron, U. *see* Braatz, P.G. 1-11165
- Efron, U. *see* Grinberg, J. 1-24522
- Efros, A.L., Shklovskii, B.I. Structure of impurity band and hopping conduction 1-47549
- Efros, A.L. *see* Shklovskii, B.I. 1-20658
- Efros, V.D. *see* Fomin, B.A. 1-36908
- Efrosinin, V.P., Konobeevskii, E.S., Popov, V.I., Skorkin, V.M., Surkova, I.V. Cross section for excitation of collective levels of Sm and Gd nuclei in the inelastic scattering of low-energy neutrons 1-28409
- Efrosinin, V.P., Zaikin, D.A. Chiral-symmetry breaking and π -meson interaction with light nuclei at low energies 1-41009
- Efstathiou, G., Eastwood, J.B. On the clustering of particles in an expanding Universe 1-44679
- Efstathiou, G., Ellis, R.S., Carter, D. Spectroscopic observations of three elliptical galaxies 1-27613
- Efstathiou, G. *see* Bond, J.R. 1-27619
- Efstathiou, G. *see* Fall, S.M. 1-4976
- Efstathiou, L. *see* Vance, E.R. 1-52175
- Eftimion, P. *see* Meservey, E.B. 1-24992
- Eftimion, P. *see* Owens, D.K. 1-25073
- Eftimion, P.C. *see* Strachan, J.D. 1-45729
- Eftimiopoulos, T. *see* Banic, J. 1-24398
- Eftimiopoulos, T. *see* Movsesyan, M.E. 1-11508
- Eftimiopoulos, T., Garside, B.K. Spatial modes and spectral narrowing of the amplified spontaneous emission in dye amplifiers 1-6549
- Efthymiou, N. *see* Manvi, R. 1-53643
- Efurd, W. *see* Brettbauer, E.W. 1-45742
- Egami, N. Effects of radioactive nuclides on the reproduction of aquatic organisms. A review of current studies in Japan with some original data 1-53835

- Egami, T., Maeda, K., Srolovitz, D., Vitek, V.
 Local atomic structure of amorphous metals
 1-30064
- Egami, T. *see* Aur, S. 1-30088
- Egami, T. *see* Gundmundsson, H. 1-12098
- Egami, T. *see* Herzer, G. 1-16441
- Egami, T. *see* Novak, P. 1-34876
- Egan, P.O., Dhawan, S., Hughes, V.W., Lu, D.C.,
 Mariam, F.G., Souder, P.A., Vetter, J., zu Put-
 litz, G., Thompson, P.A., Denison, A.B. Search
 for long-lived ^{25}m muonic hydrogen in H_2 gas
 1-51324
- Egan, P.O. *see* Orth, H. 1-10875
- Egan, W.G., Hilgeman, T. Anomalous refractive
 index of submicron-sized particulates 1-21155
- Eganova, V.F. *see* Vorontsova, M.M. 1-21249
- Egashira, T. *see* Hase, T. 1-16727
- Egawa, Y. *see* Shida, T. 1-31029
- Egbert, R.L. *see* Bervig, D.R. 1-35712
- Egbert, W.C., Meltzer, R.S., Rives, J.E. Cyna
 Dynamics of 29 cm^{-1} phonons in ruby using
 optical generation and detection 1-30336
- Egberts, G. *see* Altdorfer, F. 1-35620
- Egelhaaf, Ch. *see* Homeyer, H. 1-50649
- Egelhof, P. *see* Moroz, Z. 1-45765
- Egelhof, P. *see* Tungaite, G. 1-33256
- Egelstaff, P.A., Macken, J.A., Schults, P.J., Nic-
 kel, B.G., Jackenzie, I.K. Experiments in spe-
 cial relativity using Compton scattering of
 gamma rays 1-27720
- Egelstaff, P.A., McPherson, R., Teitsma, A.,
 Suck, J.B., Glaser, W. Nuclear-nuclear correla-
 tions in liquid rubidium 1-30035
- Egelstaff, P.A., Teitsma, A. Structure of krypton
 gas: Monte Carlo results, virial expansions, and
 real experimental data 1-2131
- Egelstaff, P.A. *see* Soper, A.K. 1-28509,
 1-46981
- Egemberdiev, Zh.E. Light-stimulated and thermally
 stimulated recombination luminescence of a
 KCl-SnCl₂ crystal 1-3465
- Egemberdiev, Zh.E. *see* Zazuovich, S.G. 1-8101
- Eger, D., Zemel, A., Shtrikman, H., Tamari, N.
 Control of electron concentration in liquid-phase
 epitaxial layers of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ by indium dop-
 ing 1-25309
- Eger, D. *see* Zemel, A. 1-12184
- Egerton, E.S. *see* Brezonik, P.L. 1-4232
- Egerton, R.F. Design of an aberration-corrected
 electron spectrometer for the TEM 1-5443
- Egerton, R.F. Instrumentation and software for
 energy-loss microanalysis [of light elements]
 1-17142
- Egerton, R.F. K-shell ionization cross-sections for
 use in microanalysis 1-31946
- Egerton, R.F., Kenway, D. An acquisition, storage,
 display and processing system for electron
 energy-loss spectra 1-23198
- Eggebrecht, J.M., Isbister, D.J., Rasaiah, J.C. The
 adsorption of dipoles at a wall in the presence
 of an electric field: the RLHNC approximation
 1-11647
- Eggen, O.J. Catalogs of proper motion stars. II.
 Stars brighter than visual magnitude 15 and
 south of declination +30° with annual proper
 motion between 0.7" and 1.0" 1-40359
- Egger, H. *see* Praxl, G. 1-15585
- Egger, H. *see* Rothschild, M. 1-24164
- Egger, J. Blocking and stratospheric warming
 1-4557
- Egger, J.P. *see* Marty, N. 1-23690
- Egger, J.-P. *see* Goetz, F. 1-10391
- Eggermont, J.J., Don, M. Analysis of the click-
 evoked brainstem potentials in humans using
 high-pass noise masking. II. Effect of click
 intensity 1-32141
- Eggers, F., Funck, T., Richmann, K.H. Ultrasonic
 absorption measurements with a milliliter
 short-pulse cell 1-29493
- Eggert, K., Ehler, T., Faisner, H., Giboni, K.L.,
 Haidan, R., Hansl, T., Leuchs, R., Muraki, Y.,
 Radermacher, E., Reithler, H. Large area drift
 tube chambers for a muon detector at the pp-
 collider 1-14752
- Eggert, K., Engster, C., van Koningsveld, L.,
 Por, G., Verweij, H. Multiple time digitizers
 and a trigger system for drift chambers
 1-14753
- Eggink, J.H. *see* Wladimiroff, J.W. 1-53848
- Eggler, D.H. *see* Wendlandt, R.F. 1-22271
- Eggleton, R.C. *see* Smith, W.L. 1-53843
- Eghawary, B.D. *see* Farrell, G. 1-25559
- Eghrari, I.R., Ribeiro, P.C. Simple method for
 checking the balance of gradiometers used with
 SQUIDS 1-5346
- Egiasarov, B.G. *see* Shamov, A.I. 1-32560
- Egiazaryan, A.M., Beziranyan, P.A. The record-
 ing of X-ray short-wave hologram 1-1514
- Egiazaryan, G.G. *see* Gasparian, O.N. 1-44435
- Egiazaryan, G.S. *see* Belyaeva, A.I. 1-3224,
 1-25997, 1-50177, 1-52817
- Egido, J.L., Ring, P. On the angular momentum
 dependence of inertia parameters and spurious
 rotational energies 1-652
- Egido, P. Juncos del *see* Juncos del Egido, P.
 Egido, P. Juncos del *see* Juncos del Egido, P.
 Egidy, T. von *see* Egidy, T.
 Egidy, T. von *see* Von Egidy, T.
- Egiyan, K.Sh. *see* Alanakyan, K.V. 1-41100
- Eglais, M.O. *see* Anderson, E.M. 1-37165
- Egmond, N.D. *see* Van *see* Van Egmond, N.D.
- Egobov, V.D. Effect of high excitation on carrier
 density in direct gap semiconductors 1-25642
- Egorkin, A.V., Danilova, T.I., Rybalov, M.B.
 Method of identifying exchange waves 1-54012
- Egorochkin, A.N. *see* Molodnyakov, S.P. 1-43685
- Egorov, A.M. *see* Kivshik, A.F. 1-24983
- Egorov, B.A. *see* Solyanik, O.A. 1-27311
- Egorov, B.N. *see* Abramov, V.M. 1-16306
- Egorov, F.F., Kislyi, P.S., Verkhovodov, P.A.
 Strength of sintered $\text{Mo-Al}_2\text{O}_3$ and Mo-ZrN
 composite materials 1-35381
- Egorov, F.F. *see* Verkhutov, A.D. 1-39535
- Egorov, G.F., Illozhev, A.P., Nikiforov, A.S., Sme-
 lov, V.S., Shevchenko, V.B., Shmidt, V.S.
 Choice of organic diluents for the extractive
 regeneration of the spent fuel of nuclear power
 plants 1-10453
- Egorov, L.P., Zatulovskii, L.M., Kravetskii, D.Ya.,
 Pel'tz, B.B., Freiman, E.A., Chaikin, P.M.,
 Berezina, I.E. Apparatus for growing profiled
 sapphire crystals by the Stepanov method
 1-31331
- Egorov, L.P. *see* Azoyan, S.E. 1-31332
- Egorov, L.P. *see* Kravetskii, D.Ya. 1-31333
- Egorov, L.P. *see* Tatarchenko, V.A. 1-2361
- Egorov, M.I. *see* Baldin, V.A. 1-19658
- Egorov, N.B. *see* Baskin, L.M. 1-3583
- Egorov, N.P. *see* Chernorukov, N.G. 1-38341
- Egorov, N.T., Podgaitskii, M.S., Razumova, L.I.
 Structure of low-carbon steels in relation to
 heating temperature 1-16816
- Egorov, N.V. *see* Pitsyn, V.E. 1-43251
- Egorov, S.N. *see* Dorofeev, Yu.G. 1-53125
- Egorov, T.L., Itkin, G.P., Parashin, V.B.,
 Musev, V.A. Investigation of the pumping func-
 tion in devices for direct mechanical cardioma-
 sage 1-40025
- Egorov, V.A. *see* Ankanov, V.B. 1-25994
- Egorov, V.N., Klovok, Yu.K., Malikov, S.N., Pan-
 teleev, G.V. Improving the thickness uniformity
 of surface vacuum coatings 1-41896
- Egorov, V.S. *see* Baryukhin, S.V. 1-42494
- Egorov, V.V. *see* Andreyev, V.M. 1-21371
- Egorov, Yu.P., Trofimov, V.A., Pivovarov, B.L.
 Aerosol backscattering of intensity-modulated
 optical radiation 1-22494
- Egorov, Yu.S. *see* Geidel'man, A.M. 1-672
- Egorov-Tismenko, Yu.K., Simonov, M.A.,
 Belov, N.V. Crystal structures of calciorite
 $\text{Ca}_2[\text{BO}_2\text{BO}_2]$ and synthetic calcium boraluminate
 $2\text{CaAl}[\text{BO}_2]\text{O} \cdot \text{Ca}_2[\text{AlO}_2\text{BO}_2]$ 1-25228
- Egorov-Tismenko, Yu.K. *see* Bondareva, O.S.
 1-30197
- Egorov-Tismenko, Yu.K. *see* Simonov, M.A.
 1-25229
- Egorova, G.D., Knyukhto, V.N., Solovov, K.N.,
 Tsvirko, M.P. Intramolecular spin-orbital
 perturbations in ortho- and meta-halogeno-
 derivatives of tetraphenylporphyrin 1-41420
- Egorova, L.A. *see* Makhsimov, V.I. 1-37808
- Egorova, L.V. *see* Gerasimov, G.N. 1-28987
- Egorova, T.M. *see* Goschinskii, I.V. 1-32746
- Egorushkin, V.E., Savitskii, E.M.,
 Fedayanova, N.I., Fadin, V.P. Kinetic properties
 and high-temperature phase transition in NiTi
 and FeCo alloys 1-30382
- Egorushkin, V.E. *see* Boletskaya, T.K. 1-30626,
 1-30627
- Egorushkin, V.E. *see* Monasevich, L.A. 1-26449
- Egorushev, N.M. An instrument for measuring
 optical densities of X-ray films 1-35488
- Egozy, Y., Korngold, E., Daltrophe, N.C., Reb-
 huh, M. Waste water recycling by ion-exchange.
 I. Complete desalination 1-8544
- Egredner, K., Ludwig, R. Gravity potential distur-
 bances verifiable by astro-geodetic method
 1-40045
- Egret, D. *see* Ochsenbein, F. 1-49538
- Eguchi, E. *see* Arikawa, K. 1-32185
- Eguchi, H. *see* Ota, K. 1-4658
- Eguchi, H. *see* Tano, S. 1-53829
- Eguchi, K., Kurita, H., Kato, T. Effect of produc-
 tion condition on silica content of high silica
 glass. VI. Studies on production and application
 of high silica glasses 1-16825
- Eguchi, K. *see* Okamoto, T. 1-34866
- Eguchi, T. Time-space distribution of seismicity in
 and around Northeastern Japan. II 1-27098
- Eguchi, T. Relative plate motion between the
 Eurasian Plate and the Pacific Plate at the
 Japan Trench 1-27146
- Eguchi, T., Gilkey, P.B., Hanson, A.J. Gravitation,
 gauge theories and differential geometry
 1-23073
- Eguchi, T., Hosotani, Y. Integrability condition in
 loop space 1-14245
- Eguchi, T. *see* Bonekamp, J. 1-7959
- Eguchi, T. *see* Kuwano, N. 1-15910
- Eguiluz, A.G. Screening near a metal surface:
 Plasmon effects 1-47520
- Eguiluz, M., Ishida, H., Hiltner, A. Selective
 chemical modification of polyethylene single
 crystals 1-52948
- Egyan, K.A. *see* Karapetyan, V.V. 1-37436
- Ehara, K., Miura, T., Urahashi, W., Kitahara, H.,
 Nohira, H. Synthesis and optical rotations of
 poly(trans-2-aminocyclohexanecarboxylic acid)
 1-31121
- Ehalt, D.H. *see* Lowe, D.C. 1-17655
- Ehlers, J. *see* Breuer, R.A. 1-29880
- Ehlers, K.W. *see* Hopkins, D.B. 1-10537
- Ehler, T. *see* Eggert, K. 1-14752
- Ehlicke, H. *see* Lehe, P. 1-3851
- Ehm, C., Menzel, E. Thermal oxidation of spheri-
 cal copper crystals in CO_2 1-31854
- Ehn, D.C. *see* Watson, J.T. 1-46497
- Ehrburger, P., Musielak, A., Lahaye, J. Effect of a
 titania coating on the tensile strength of fused
 silica fiber 1-39365
- Ehrenberg, B., Lewis, A., Porta, T.K., Nagle, J.F.,
 Stoekenius, W. Exchange kinetics of the Schiff
 base proton in bacteriorhodopsin 1-48949
- Ehrenberg, J. Echo counting and echo integration
 with a sector scanning sonar 1-37743
- Ehrenreich, L. *see* Rutar, V. 1-17134
- Ehrenreich, H. *see* Huisman, L.M. 1-2914
- Ehrenstein, W., Sarabi, B. Numerical description
 and systematic evaluation of creep of reinforced
 polymeric materials 1-39564
- Ehret, J.E. *see* Pedrotti, F.L. 1-38394
- Ehrhardt, G.J. *see* Kumar, B. 1-43986
- Ehrhardt, K.D., Michel, K.H. Microscopic model
 of NaNO_2 based on reorientations and transla-
 tions 1-42496
- Ehrhart, P., Schonfeld, B., Ettwig, H.H., Pepper-
 hoff, W. The lattice structure of antiferromag-
 netic γ -iron 1-34860
- Ehrlich, W.L. *see* McFarlane, J.C. 1-13219
- Ehrlich, D.J., Osgood, R.M., Jr. Formation of the
 XeBr exciplex by Xe-Br₂ (D') collisions
 1-6344
- Ehrlich, D.J., Osgood, R.M., Jr., Deutsch, T.F.
 Laser microphotochemistry for use in solid-state
 electronics 1-21747
- Ehrlich, G. *see* Reed, D.A. 1-38665
- Ehrlich, K. *see* Herschbach, K. 1-23753
- Ehrlich, P. *see* Sanford, T.J. 1-52853
- Ehrlich, R. *see* Bebek, C. 1-33191
- Ehrlich, R. *see* Chadwick, K. 1-33192
- Ehrlich, R.D. *see* Baum, G. 1-28323
- Ehrmann, C.H. *see* Lim, T.S. 1-44405
- Ehrmann-Falkenau, E. *see* Wagendristel, A.
 1-7488
- Eib, W. *see* Wertheim, G.K. 1-34666
- Eibatova, Sh.E. *see* Kyzim-zade, A.G. 1-30741
- Eibl, H. *see* Boheim, G. 1-17356
- Eibler, R., Neckel, A. The density-of-states func-
 tions of the ordered alloys FeAl, CoAl and
 NiAl and their relation to experimental data;
 calculations of the imaginary part of the com-
 plex dielectric function 1-7501
- Eich, W.J. *see* Mosteller, R.D. 1-45574
- Eich, W.J. *see* Ozer, O. 1-18813
- Eichelberger, J.C. Vesiculation of mafic magma
 during replenishment of silicic magma reservoirs
 1-22309
- Eichele, H., Schworer, M., Krohnke, C.,
 Wegner, G. ESR of fluoranthene-yl radical-cation
 organic conductor crystals 1-34941
- Eichensauer, W. *see* Edwards, R.A.H. 1-11874
- Eichenberger, R.J. Dual functioning flat plate ther-
 mal solar collector 1-17243
- Eichenberger, V. *see* Hitchman, M.L. 1-29884
- Eichendorf, W., Heck, A., Isserstedt, J., Lub, J.,
 Pakull, M., Reipurth, B., van Genten, A.M.
 On the nature of the 125-day Cepheid V810
 Cen (=HR 4511): IUE spectra 1-36296
- Eichholz, G.G., Powell, G.F., Craft, T.F. Waste
 migration by particulate carriers 1-45643
- Eichhorn, H., Standish, M., Jr. Remarks on non-
 standard least-squares problems 1-40352
- Eichhorn, R. *see* Vedhanayagam, M. 1-1911
- Eichinger, G., Deublein, G. Fast ionic conduction
 in sodium phosphate-borate compositions
 1-25498
- Eichinger, H. Global methods of pattern recogni-
 tion 1-14772
- Eichler, A. *see* Terukov, E.I. 1-30794
- Eichler, B. *see* Hickmann, U. 1-8634
- Eichler, D. *see* Holman, G.D. 1-4902
- Eichler, E. *see* Johnson, N.R. 1-18599
- Eichler, H.J., Enterlein, G., Langhans, D. Invest-
 igation of the spatial coherence of a laser beam
 by a laser-induced grating method 1-19374
- Eichler, H.J. *see* Dammasch, D. 1-33721
- Eichler, J. *see* Dammasch, D. 1-33721
- Eichler, J.K.M. Eikonal theory of charge exchange
 between arbitrary hydrogenic states of target
 and projectile 1-46097
- Eichler, R. *see* Bartel, W. 1-18500, 1-45253,
 1-45254
- Eichler, R. *see* Drumm, H. 1-14762
- Eichler, R. *see* O'Neill, L.H., Jr. 1-50443
- Eichler, W., Krug, T. High field galvanomagnetic
 transport properties of Sb_2Te_3 and p-type Bi_2Te_3
 1-16301
- Eichler, W. *see* Simon, G. 1-42795
- Eichmann, R., Ketscherdis, G., Schebeske, G., Jaen-
 ick, R., Hahn, J., Warneck, P., Junge, C. N-
 alkane studies in the troposphere. II. Gas and
 particulate concentrations in Indian Ocean air
 1-4552

- Eichten, E. T family of resonances above threshold 1-10160
- Eichten, E. Recent theoretical developments for heavy quark-antiquark systems 1-45246
- Elek, H.A. see Beda, S. 1-26439
- Eick, R.H. see Hebard, A.F. 1-52710
- Eickhoff, J., Kroger, B., Werner, M. Measurements of space charge effects in square cross-section proportional drift tubes and the performance of proportional drift tubes with triangular cross-section 1-14750
- Eickmeyer, J. see Hanna, D. 1-41015
- Eid, A.H. see Mahmoud, S. 1-3515
- Eid, M.EI see El Eid, M.
- Eid, M.F.EI see El Eid, M.F.
- Eidam, G. see Baratta, A.J. 1-41257
- Eidam, G.R. see Jester, W.A. 1-41259
- Eidelman, S.I. see Zholentz, A.A. 1-14381
- Eidelman, Yu.I. see Zholentz, A.A. 1-14381
- Eides, M.I. see Borisov, N.V. 1-524, 1-40974
- Eidsvik, K.J. Identification of models for some times series of atmospheric origin with Akaike's information criterion 1-4579
- Eidsvik, K.J. A model for heavy gas dispersion in the atmosphere 1-13196
- Eidsvik, K.J. Estimates of concentration fluctuations in an instantaneous plume 1-33723
- Eiduk, Yu.Ya., Bidermanis, L.K., Liepin'sh, Ya.P., Karlson, K.K. Controlling the phase composition and properties of a high silica enamel 1-35415
- Eiermann, R. see Schonherr, G. 1-25637
- Eifler, W. see Nijising, R. 1-23722
- Eigl, J., Mracek, F. An optical system of an additive stepping contact copying machine 1-14192
- Eigl, J., Mracek, F. Application of nematic crystals as light modulators 1-15258
- Eigler, H., Gaebel, H. A possible model of burst noise in a p-n junction 1-20837
- Eiho, S., Yamada, S., Kuwahara, M. Image processing of X-ray left ventricular cineangiograms and displays of cardiac functions 1-26986
- Eijck, B.P.van see van Eijck, B.P.
- Eijck, B.P.van see van Eijck, B.P.
- Eijkman, E.G.J., Jongma, H.J., van Oeffelen, M.P.J., Vincent, J. Identification of figural elements in a visual domain 1-32126
- Eijnden, W.M.M.van den see van den Eijnden, W.M.M.
- Eiju, T., Matsuda, K., Ohtsubo, J., Honma, K., Shimizu, K. LDV blood flow measurement—frequency shifting by a prism traverse 1-35857
- Eikelenboom, J.C. see Braam, A.W.M. 1-30210
- Eilam, G., Gronau, M. Exclusive and inclusive nonleptonic decays of charmed mesons 1-14375
- Eilam, G. see Berlad, G. 1-10226
- Eilbert, R.F. see Christensen, R.A. 1-42590
- Eilek, J.A. see Hardee, P.E. 1-40552
- Eilenberger, D.J. see Ippen, E.P. 1-1606, 1-51525
- Eilenberger, D.J. see Liu, P.L. 1-51527
- Eilers, R.E., Oller, D.K. A comparative study of speech perception in young severely retarded children and normally developing infants 1-4295
- Elling, A., Schilling, J.S. New hydrostatic pressure cell: use of Pb-resistivity for pressure determination from 300-1 K 1-28005
- Elling, A., Schilling, J.S. Evidence for Anderson lattice behavior in CeAg under pressure 1-38935
- Elling, A., Schilling, J.S. Pressure and temperature dependence of electrical resistivity of Pb and Sn from 1-300K and 0-10 GPa—use as continuous resistive pressure monitor accurate over wide temperature range; superconductivity under pressure in Pb, Sn and In 1-47607
- Elmerl, D. Pulse shape effects in Raman compressors 1-33747
- Elmerl, D., Hargrove, R.S., Paisner, J.A. Efficient frequency conversion by stimulated Raman scattering 1-46452
- Einarsson, G. see Bjorjesson, P. 1-22148
- Einasto, J. Hypergalaxies 1-9675
- Einasto, J., Joever, M., Saar, E. Structure of superclusters and supercluster formation 1-13867
- Einasto, J. see Joever, M. 1-9694
- Einasto, J. see Longair, M.S. (editor) 1-5032
- Einav, G. see Chioderi, C. 1-2175
- Einhorn, A.J., Pao, Y.H., Phelps, F.W. Far UV optical activity of sodium chlorate 1-8097
- Einstein, F.W., Willis, A.C. Structure of Tellurium(IV) pyrosulphate 1-34300
- Einstein, H. see Bellows, R.J. 1-53593
- Einziger, P., Raz, S. On the asymptotic theory of inhomogeneous wave tracking 1-1459
- Eirb-Yu Hsie, Farley, R.D., Orville, H.D. Numerical simulation of ice-phase convective cloud seeding 1-49353
- Eiron, C. see Neckel, T. 1-36370
- Eirug Davies, D., Lorenzo, J.P., Ryan, T.G. Pulse annealing deficiencies in GaAs 1-15928
- Eirug Davies, D. see Comer, J.J. 1-11751
- Eisa, M.A., Abadir, M.F., Gadalla, A.M. The system TiO₂-PbO in air 1-26434
- Eisele, F.L., Perkins, M.D., McDaniel, E.W. Mobilities of NO₂⁻, NO₃⁻, and CO₃⁻ in N₂ over the temperature range 217-675K 1-2136
- Eisele, F.L. see Ravishankara, A.R. 1-12984, 1-53412
- Eisele, F.L. see Thackston, M.G. 1-2137
- Eisele, I. see Dorda, G. 1-12202
- Eisele, K.M. SF₆, a preferable etchant for plasma etching silicon 1-48538
- Eisen, H., Schoonmaker, D. A study of the error in a neutron probability of survival formula 1-2520
- Eisen, Y., Eliau, A., Karpinowitz, Z. A stable high voltage, high frequency power supply for electrochemical etching 1-6106
- Eisenbach, C.D. Relation between photochromism of chromophores and free volume theory in bulk polymers 1-8027
- Eisenbach, C.D. Isomerization of aromatic azo chromophores in poly(ethyl acrylate) networks and photomechanical effect 1-26736
- Eisenberg, D.J. see Crawford, J.H., Jr. 1-3320
- Eisenberg, F.G., Zagnoli, D.A., Sheridan, J.J., III The effect of surface nickel on the hydriding-dehydriding kinetics of MgH₂ 1-20559
- Eisenberg, H. see McGhee, J.D. 1-8809
- Eisenberg, J.M. Observational tests of models for a relativistic nucleon bound in scalar and vector potentials 1-50518
- Eisenberg, J.M., Keltun, D.S. Theory of meson interactions with nuclei 1-44725
- Eisenberg, J.M. see Levin, E. 1-50571
- Eisenberg, M. The sulfospinel-lithium battery system: initial study of three sulfospinels 1-32005
- Eisenberg, R.S., Mathias, R.T. Structural analysis of electrical properties of cells and tissues 1-39904
- Eisenberg, S.R., Grodzinsky, A.J. Electric field control of membrane permeability 1-13218
- Eisenberg, Y., Haber, B., Hochman, D., Karshon, U., Ronat, E.E., Shapira, A., Yekutieli, G. Charge transfer and rapidity gap analysis in p(π⁺)n interactions at 195 GeV/c 1-10274
- Eisenberg, Y. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Eisenberger, P., Lengeler, B. Extended X-ray absorption fine-structure determinations of coordination numbers: limitations 1-21293
- Eisenberger, P., Marra, W.C., Brown, G.S. Measurement of the static structure factor for conduction electrons with use of synchrotron radiation 1-16625
- Eisenberger, P. see Citrin, P.H. 1-25564
- Eisenbud, H. see Cohen, B.S. 1-673, 1-17473
- Eisendrath, H. see De Vlieger, G. 1-24184
- Eisenfeld, J. see Shitzer, A. 1-22153
- Eisenhandler, E. see Watts, S.J. 1-5648, 1-23518
- Eisenhauer, C. Scaling parameter for backscattering of electrons at perpendicular incidence 1-18913
- Eisenhauer, C. Model for diffusion of narrow beam of charged particles 1-20291
- Eisenhauer, C.M. see Schwartz, R.B. 1-14705
- Eisenmann, E.T. see Abrahams, S.C. 1-25209
- Eisenmenger, W. Phonon detection by the fountain pressure in superfluid ⁴helium films 1-16137
- Eisenreich, S.J. Atmospheric input of trace metals to Lake Michigan 1-22376
- Eisenstadt, M. NMR hybrid relaxation methods of studying chemical, physical and spin exchange. II. Suppression methods 1-16495
- Eisenstadt, M. NMR hybrid relaxation methods of studying chemical, physical and spin exchange. III. Hybrid relaxation dispersion 1-16496
- Eisenstadt, M. NMR relaxation of protein and water protons in methemoglobin solutions 1-53756
- Eisenstein, J.P., Swift, G.W., Packard, R.E. Influence of a magnetic field on flowing superfluid ³He 1-16133
- Eisenstein, J.P., Swift, G.W., Packard, R.E. Effect of the quasiparticle mean free path on Poiseuille flow in normal liquid ³He 1-20497
- Eisenstein, J.P. see Swift, G.W. 1-25521
- Eisenstein, L. see Tsuda, M. 1-8863
- Eisenstein, M., Hirshfeld, F.L. The ab initio charge deformation density of bicyclobutane from an extended Gaussian basis 1-33371
- Eisenstein, O. see Hoffmann, R. 1-51086
- Eisenthal, K.B. see Dupuy, C. 1-33520
- Eisenthal, K.B. see Hetherington, W.M., III 1-35585
- Eisfeld, W., Renk, K.F. Tunable optical detector and generator for terahertz phonons in CaF₂ and SrF₂ 1-15979
- Eisinger, F.L. Prevention and cure of flow-induced vibration problems in tubular heat exchangers 1-19638
- Eisinskij, A.M. New exact solutions of the Einstein's equation 1-40680
- Eismont, B.P. see Kuznetsov, V.L. 1-41154
- Eismont, V.P. see Smirnov, A.N. 1-18972
- Eisa, N.S., Jr., Bayraktaroglu, M.M. The effect of surface roughness on the wear of low-density polyethylene 1-31670
- Eissen, J.P. see Juteau, T. 1-27151
- Eitner, P. see Currie, G.D. 1-24487
- Eitter, J.J. see Beavers, W.I. 1-22775, 1-27486
- Eizenberg, M., Foll, H., Tu, K.N. Shallow silicid contacts formed by using codelposited Pt₂Si and Pt_{1.5}Si films 1-12188
- Ejchart, A., Wroblewski, K. Application of power spectra to lineshape analysis in NMR spectroscopy 1-14155
- Ejima, T., Yamamura, T. Impurity diffusion in liquid aluminum and copper 1-25477
- Ejiri, H., Nagai, Y., Sakai, H., Shibata, T., Kishimoto, T., Maeda, K. Pre-equilibrium deexcitation process for ⁶⁴Dy(α,nγ) reaction and angular momentum transfers 1-33237
- Ejiri, H. see Sakai, H. 1-691
- Ejiri, M. see Ueda, H. 1-37727
- Ek, A., Kilberg, J., Sira, T. ENOR—an energy model for Norway 1-35628
- Ek, A. see Abilock, H. 1-39719
- Ekberg, E.L. see Grisham, D.L. 1-50976
- Ekberg, J.O. Term analysis of Fe VII 1-45883
- Ekberg, J.O. see Andresen, B. 1-46095
- Ekberg, J.O. see Engstrom, L. 1-37159
- Ekberg, S. see Schwalbe, L.A. 1-38454
- Ekberg, S.A. see Jones, L.H. 1-1236
- Ekbote, S.N., Gupta, S.K., Narlikar, A.V. The CESR and spin wave studies of A-15 films in normal and superconducting states 1-16482
- Ekbote, S.N., Gupta, S.K., Narlikar, A.V. Spin wave resonance in Nb₃Ge high T_c films [CESR measurements] 1-47947
- Ekdahl, C., Bartsch, R.R., Comisso, R.J., Gribble, R.F., McKenna, K.F., Miller, G., Siemon, R.E. Rotational instability in a linear theta pinch 1-6965
- Ekdahl, C.A. Voltage and current sensors for a high-density Z-pinch experiment 1-38150
- Ekdahl, C.A. Capacitively-coupled inductive sensors for measurements of pulsed currents and pulsed magnetic fields 1-40821
- Ekdahl, C.A. see Sherwood, A.R. 1-34112
- Ekdahl, T. see Liljequist, D. 1-23932
- Ekelof, T. see Burq, J.P. 1-23912
- Ekelof, T. see Drijard, D. 1-14768
- Ekers, R.D. see Fanti, R. 1-49837
- Ekers, R.D. see Goss, W.M. 1-27593
- Ekhina, E.V. see Bocharov, O.S. 1-3804
- Ekin, J.W. Strain scaling law for flux pinning in practical superconductors. I. Basic relationship and application to Nb₃Sn conductors 1-42929
- Ekin, J.W. Strain scaling law for flux pinning in NbTi, Nb₃Sn, Nb-Hf/Cu-Sn-Ga, V₃Ge and Nb₃Ge 1-52726
- Ekin, J.W. see Goodrich, L.F. 1-47829
- Eklund, G. see Albrecht, R.W. 1-18731
- Eklund, P.C., Smith, D.S., Murthy, V.R.K. Optical reflection studies of the electronic properties of stages 2-5 graphite-SbCl₃ 1-48094
- Eklund, P.C., Smith, D.S., Murthy, V.R.K., Leung, S.Y. Optical studies of the high-frequency graphitic intralayer phonons in graphite-SbCl₃ 1-39101
- Eklund, P.C. see Murthy, V.R.K. 1-8249
- Ekmanis, Yu.A. see Rabsha, S.Ya. 1-48706
- Ekonomov, A.P., Moshkin, B.E., Golovin, Yu.M., Parfent'ev, N.A., San'ko, N.F. Spectrophotometric comparison on Venera 11 and Venera 12 descent modules 1-9400
- Ekonomov, N.A. see Berezynov, V.V. 1-19491
- Ekspong, G. see Johnson, P. 1-5659
- Ekstein, H. Gravitation in Minkowski space: is physical space-time unique or optional? 1-5170
- Ekstrand, K.E. see Dixon, R.L. 1-9029
- Ekstrom, C., Robertson, I. Nuclear spins of the bromine isotopes ^{74(m)}Br and ⁷⁵Br 1-629
- Ekstrom, C., Robertson, L., Ingelman, S., Wannberg, G., Ragnarsson, I. Nuclear ground-state spin of ¹⁸⁵Au and magnetic moments of ^{187,188}Au. Further evidence for coexisting nuclear shapes in this mass region 1-5692
- Ekstrom, L.P., Jones, G.D., Kearns, F., Morrison, T.P., Nilsson, A., Twin, P.J., Wadsworth, R., Wallander, E., Ward, N.J. Lifetime and linear polarisation measurements with the ⁸⁰Kr(α,nγ)⁸³Sr and ⁸²Kr(α,nγ)⁸⁵Sr reactions 1-666
- Ekstrom, L.P., Jones, G.D., Kearns, F., Morrison, T.P., Nilsson, A., Paar, V., Twin, P.J., Wadsworth, R., Wallander, E., Ward, N.J. Gamma-ray spectroscopy on ⁸⁷Sr and the energy-B(E2) rule 1-23587
- Ekstrom, L.P. see Jones, G.D. 1-28816
- Ekstrom, L.P. see Wadsworth, R. 1-663
- Ekstrom, P., Wineland, D. The isolated electron 1-10213
- Ekstrom, T., Parmentier, M., Tilley, R.J.D. Structural intergrowth phenomena in the Sb₂WO₃ system 1-20150
- Ekstrom, T., Tilley, R.J.D. The crystal chemistry of the ternary tungsten oxides 1-52259
- El Akkad, F. see Abdel-Hady, K. 1-17216
- El Akkad, F. see Mansour, B. 1-38803
- El Arabi, R.M. see Awad, G.H. 1-39506, 1-39507
- el Ata, N.Abu see Abu el Ata, N.
- El Azab, M. see Swell, P.B. 1-7478
- El Baki, M.M.Abd see Abd El Baki, M.M.
- El Derini, Z., Stacey, W.M. Requirements for an efficient divertor design 1-10542

- El Eid, M. see Glatzel, W. 1-40465
- El Eid, M.F., Hillebrandt, W. A new equation of state of supernova matter 1-9361
- El Ela, A.H. Abou see Abou el Ela, A.H.
- El Hage, F. see Caitucoli, F. 1-23700
- El Hage, S.G. see Le Grand, Y. 1-44734
- El Hang Lee see Nordine, C. 1-42558
- El Hassouni, A., Napoly, O. Dual model for parion densities 1-45219
- El Kasaby, T., Lu, W.-K. The influence of calcia and magnesia in wustite on the kinetics of metallization and iron whisker formation 1-12733
- El Kattan, A.N. see Talsky, J.J. 1-2265
- El Kazaz, S., see Rekstad, J. 1-10295
- El Khangi, F.A.R. see Rice-Evans, P. 1-43207
- El Maddarsi, M. see Pradel, P. 1-41459
- El Makrini, M., Furdin, G., Lagrange, P., Mareche, J.F., McRae, E., Herold, A. Structural and electronic study of KHg and RbHg intercalated graphite 1-38769
- El Makrini, M., Guerard, D., Lagrange, P., Herold, A. Intercalation of lanthanides in graphite 1-20136
- El Makrini, M., Lagrange, P., Guerard, D., Herold, A. Potassium and rubidium amalgams intercalated in graphite 1-20137
- El Makrini, M., Lagrange, P., Herold, A. Insertion into graphite of a potassium-thallium alloy 1-43288
- El Makrini, M. see Alexander, M.G. 1-38554
- El Makrini, M. see Conrad, J. 1-42363
- El Makrini, M. see Guerard, D. 1-35205, 1-47135
- El Makrini, M. see Lagrange, P. 1-39622
- El Masri, Y. see Aleonard, M.M. 1-23590
- El Masri, Y. see Michel, C. 1-23602
- El Mekki, O.M. Hydromagnetic planetary waves in vertically sheared zonal flow and transverse magnetic field 1-27374
- El Mohsni, S. see Lindqvist, L. 1-32088
- El Nahawi, S. see Bishay, A. 1-31414
- El Rabeh, M., Babcock, C.D., Jr. Effect of elastic end rings on the eigenfrequencies of thin cylinders 1-51714
- El Sayed, T. see Lacabanne, C. 1-38296
- El Tahry, S., Gosman, A.D., Launder, B.E. The two- and three-dimensional dispersal of a passive scalar in a turbulent boundary layer 1-33950
- El Telbani, M.M.M., Reynolds, A.J. Velocity distributions in plane turbulent channel flows 1-2080
- El Wahaab, S.M. Abd see Abd El Wahaab, S.M.
- El-Adawi, M.K., Ismail, H.A., Shalaby, S.A., Sayed, E.M. An analytical solution of Bohr's collective Hamiltonian 1-23258
- El-Azab, M.I. see Housin, M. 1-7635
- El-Basouny, M.S., Bekheet, A.M. Electrochemical behaviour of thin oxide films formed on niobium in aqueous electrolytes under open-circuit conditions 1-26650
- El-Basouny, M.S., El-Kot, A.M., Hefny, M.M. Nature of the barrier oxide films formed on hafnium electrode 1-26655
- El-Basouny, M.S., Hassan, S.A., Hefny, M.M. On the electrochemical behaviour of tungsten: the formation and dissolution of tungsten oxide in sulphuric acid solutions 1-43570
- El-Batal, H.A. see Ahmed, A.A. 1-20393
- El-Batanoni, F.M. see Saad, E.A. 1-5824
- El-Batouny, M., Strongin, M., Williams, G.P., Colbert, J. Relationship between electronic structure and hydrogen-uptake kinetics 1-42839
- El-Batouny, M. see Strongin, M. 1-11980
- El-Batroukh, S.I., Zentani, A.S. Gravity interpretation of Ragaba field, Sirte basin, Libya 1-17551
- El-Bayoumi, M.A. see Al-Hassan, K.A. 1-14962
- El-Bayoumi, M.A. see Chenpin Chang 1-8582
- El-Bayoumi, O.H. see Boulos, E.N. 1-25171
- El-Bayoumi, O.H. see Mohr, R.K. 1-51613, 1-51614
- El-Bermami, M.F. see Abid, F.M. 1-10729
- El-Dahshan, M.E. The oxidation of cobalt chromium alloys containing titanium 1-39538
- El-Dardiry, S.M.A. see Hill, R. 1-51685
- El-Debeiky, S. see Noosir, A. 1-21126
- El-Derini, M.N., Noosir, R.W. Shape optimization study for a three-tunnel superconductive energy storage magnet 1-48930
- El-Dessouky, A., Balk, P. Charge distribution in metal/Al₂O₃/SiO₂/Si structures 1-34803
- El-Farhatty, K.A. see Hamza, A.A. 1-35000
- El-Fekey, S.A., El-Mamoun Yahia, M. Sinterability and thermal conductivity of sintered thorium 1-3682
- El-Fekey, S.A., El-Mamoun Yahia, M. Pore shape and porosity correction factors for thermal conductivity of sintered UO₂ 1-30496
- El-Gabaly, M. see Sawan, Y. 1-30080, 1-47715
- El-Gamal, M.Z. see Caton, R. 1-2335
- El-Genk, M.S. On a vapor explosion in the RIA-ST-4 experiment 1-5942
- El-Genk, M.S. Fragmentation mechanisms occurring during an energetic fuel-coolant interaction 1-45683
- El-Genk, M.S. Effects of coolant conditions on core pressurization during an energetic MFCI in LWRs 1-50806
- El-Genk, M.S., Moore, R.L. An assessment of molten debris freezing in a severe RIA in-pile test 1-5947
- El-Hanany, U. see Shaham, M. 1-26067
- El-Hawary, M.A. Effect of combined free and forced convection on the stability of flow in a horizontal tube 1-24796
- El-Hawary, M.A., Nicoll, W.B. A relation for the length-scale of turbulence to mean flow characteristics for flows close to the wall 1-37887
- El-Hout, J.N. see Burger, C.P. 1-43387
- El-Issa, B.D., Hinchliffe, A. The electronic structure of ClO₃⁻, BrO₃⁻ and IO₃⁻: an SCF-X α study 1-6161
- El-Issa, B.D., Hinchliffe, A. Electronic structure of Co(CO)₄: an SCF-X α study 1-24037
- El-Kabbany, F., Badr, Y., Said, G. Pyroelectric and dielectric behaviour of ammonium nitrate at the phase transition II-I 1-52899
- El-Khatib, N.A.F. The relative permeabilities of an idealized model of two-phase flow in porous media 1-42083
- El-Kheshin, M. see Allam, S.H. 1-36867
- El-Kot, A.M. see El-Basouny, M.S. 1-26655
- El-Mahdi, A. Morsi see Morsi El-Mahdi, A.
- El-Mamoun Yahia, M. see El-Fekey, S.A. 1-3682, 1-30496
- El-Masry, N.A. see Bedair, S.M. 1-16205
- El-Mously, M.K. see Kotkata, M.F. 1-2331
- El-Nabarawy, T., El-Shobaky, G.A. Textural properties of cobalt oxides 1-38636
- El-Nabarawy, Th.A. see Selim, M.M. 1-35567
- El-Naem, A. see Ismail, H.A. 1-36919
- El-Naggar, A.M., Hanna, I.R.A., Chanaana, A.D., Carsten, A.L., Kronkite, E.P. Bone marrow changes after localized acute and fractionated X irradiation 1-43908
- El-Naghy, A., Toney, V.D. Interactions of ¹²C ions with emulsion nuclei at momentum 4.2 GeV/c per nucleon and the cascading-evaporation model 1-18680
- El-Nashar, A.M. Solar energy for desalination 1-17175
- El-Nicklawy, M.M. see Fouda, I.M. 1-37613
- El-Nimr, M.K. see Tawfik, A. 1-48017
- El-Raey, M., Abou-Aly, A. On the amorphous silicon on crystalline silicon heterojunctions 1-38845
- El-Rayess, M.K. see Sawan, Y. 1-30080
- El-Refaie, M.F. see Rafat, N.M. 1-17264
- El-Salam, E.M. Abd see Abd El-Salam, E.M.
- El-Salam, F. Abd see Abd El-Salam, F.
- El-Sayed, A.B. see Omran, T.A. 1-29424
- El-Sayed, K., Salih, S.M., Cosslett, V.E. Thickness effect in radiation damage: real or artefact? 1-15932
- El-Sayed, M.A. see Burns, A.R. 1-6321
- El-Sayed, S.Z. see Hovis, W.A. 1-54282
- El-shalaby, A. see Aiad, A. 1-44621
- El-Shamy, T.M. see Ahmed, A.A. 1-26227
- El-Shanawany, M.S., Lefebvre, A.H. Airblast atomization: effect of linear scale on mean drop size 1-24869
- El-Sharkawi, E. see Awad, M. 1-15582
- El-Sharkawy, A. see Basili, R. 1-2720
- El-Shawarbi, A. see Allam, S.H. 1-36867
- El-Sherbiny, M. see Reid, J. 1-9264
- El-Sherbiny, M.G. see Shawki, G.S.A. 1-34600
- El-Shobaky, G.A. see El-Nabarawy, T. 1-38636
- El-Shorbagy, K.A. see Omran, T.A. 1-29424
- El-Taib Heakal, F., Haruyama, S. Impedance studies of the inhibitive effect of benzotriazole on the corrosion of copper in sodium chloride medium 1-43569
- El-Twaty, A.I., Prausnitz, J.M. Generalized van der Waals partition function for fluids. Modification to yield better second virial coefficients 1-42116
- El-Wakil, M.M. see Meyer, B.A. 1-32049
- El-Wakil, S.A. see Saad, E.A. 1-5824
- El-Zeffawi, M.M. see Kern, R.C. 1-10467
- Ela, A.H. Abou el see Abou el Ela, A.H.
- Elagin, A.Ya., Vasil'ev, Yu.S., Romashkov, A.P., Ulanovsky, I.V., Khaikin, N.S. Pulse energy source of laser radiation 1-5274
- Elagin, V.I. see Fedorov, V.M. 1-3803
- Elagin, V.V. see Aledsandrov, S.V. 1-29267
- Elagina, I.A. see Shershnev, A.A. 1-7451
- Elakhovskii, D.V. see Gostey, V.A. 1-1381
- Eland, J.H.D. Electronic autoionization in molecular ion formation 1-19142
- Eland, J.H.D. see Tsai, P.B. 1-6325
- Elango, M.A. see Maiste, A.A. 1-26371
- Elassfour, A.S. A direct contact thermal energy storage system 1-17311
- Elattar, A. see Pouranfar, F. 1-20962
- Elayathu, N.S.D. see Gadiyar, H.S. 1-26658
- Elbakyan, G.M. see Avakyan, R.O. 1-45494
- Elbanowski, M. see Beba, B. 1-17081
- Elbaum, C. see Araki, H. 1-15958
- Elbaum, C. see Kwon, H. 1-6704, 1-16129
- Elbaz, E., Meyer, J. Structure and decay modes of ordinary mesons 1-519
- Elbaz, E., Meyer, J. Structure and decay modes of ordinary mesons 1-543
- Elbaz, E., Meyer, J., Nahabetian, R. Lepton and quark internal quantum numbers 1-50393
- Elbaz, E., Meyer, J., Predazzi, E. Quark mass formula 1-493
- Elbaz, E., Meyer, J., Predazzi, E. Quark mass formula 1-529
- Elbel, H. see Schmitz, F. 1-822
- Elberling, C., Bak, C., Kofod, B., Lebech, J., Saermark, K. Magnetic auditory responses from the human brain 1-26918
- Elberling, C. see Bak, C. 1-49021
- Elbert, M. see Kuzmany, H. 1-3410
- Elchaninova, S.D., Anders, A.G., Zvyagin, A.I., Kobets, M.I., Litvinenko, Yu.G. Change in local environment of Dy³⁺ ions at the structural phase transition in CsDy(MoO₄)₂ 1-47941
- Elchinger, M.F., Martin, C., Fauchais, P. Measure of the diffusivity of ceramic materials either sintered or sprayed by means of a flash method with a positive or negative pulse 1-2719
- Elder, G.B., Perkins, F.W., Jr. Prospects for heating Tokamaks by parametric decay of intense extraordinary mode radiation 1-34100
- Elder, H.K., Blahnik, D.E. Decommissioning a uranium fuel production plant 1-5920
- Elder, R.T. see Kerlin, T.W. 1-50817
- Elderfield, D.J. Parametric representation of the dilute polymer system to O(ϵ^2): crossover from Wilson-Fisher to gaussian fixed point as the Flory temperature is approached 1-20043
- Elghidighy, S.M. see Taha, I.S. 1-8755
- Eldis, G.T. see Zum Gahr, K.-H. 1-48527
- Eleinikova, L.S. Heat propagation by heat conduction in active linear media 1-11286
- Elen, J.D., Franken, W.M.P., Horvath, I., Pasotti, G., Ricci, M.V., Roeterdink, J.A., Sacchetti, N., Spadoni, M., Spoorerberg, C., Vecsey, G., Weymuth, P. The superconductor test facility SULTAN 1-50923
- Elena, M., Fulachier, L., Dumas, R. Experimental study of the inward and outward fluid flows in a turbulent boundary layer 1-1931
- Elenkrig, B.B. see Gulyaev, Yu.V. 1-51628
- Elenkski, V.A. see Okovit, V.S. 1-47169
- Elenkski, V.M., Kirova, N.N., Kulagin, N.E. Models of two-sublattice magnets which can be solved exactly 1-42934
- Elepina, L.T. see Aslanov, L.A. 1-29137
- Elerath, J.G. Influence of the main condenser on SHRS reliability 1-5928
- Elesin, V.F. Effect of electron-electron collisions on the energy distribution of excess quasiparticles in superconductors 1-38889
- Elesin, V.F., Kondrashov, V.E., Levchenko, E.B., Subhikh, A.S. Inhomogeneous states in nonequilibrium superconductors with tunnel injection of quasiparticles 1-25839
- Elesin, V.F., Kopaev, Yu.V., Nunuparov, M.S. Nonlocal electron interaction effects in the spontaneous current model 1-42691
- Elesin, V.F. see Aleksandrov, A.S. 1-12092
- Eletski, A.V., Klimov, V.D., Udvalov, T.A. Two-level interaction of high-power CO₂-laser radiation with the SF₆ molecule 1-28896
- Eletski, A.V., Klimov, V.D., Udvalov, T.A. Investigation of the interaction between intense laser radiation and sulphur hexafluoride molecules by the buffer gas technique 1-51210
- Eletski, A.V., Kulagin, V.D. Rate constant of vibrational excitation of F₂ molecules by electron impact 1-1391
- Eletski, A.V. see Bychkov, V.I. 1-15663
- Eletski, V.I., Popov, V.S. The divergence of the perturbation theory series for the Stark effect and summation of the series 1-18076
- Eletski, V.I. see Dolgov, A.D. 1-23053
- Elfmak, J., Stanek, P., Pokluda, J. Steels for pressure vessels construction 1-33299
- Elford, M.T., Haddad, G.N. The drift velocity of electrons in carbon dioxide at temperatures between 193 and 573 K 1-42123
- Elgaroy, O. On the statistical nature of type I bursts 1-4881
- Elgavish, G.A. see Reuben, J. 1-14928
- Elgersma, H., Schatz, G.C. On the use of mass scaled cluster coordinates to describe polyatomic molecule reaction dynamics: application to O+CS₂, SO+CS₂ 1-35510
- Elgin, J.N. Semiclassical formalism for the treatment of three-level systems 1-19306
- Elgin, J.N. The plasma capacitor problem 1-42193
- Elgin, J.N. A study of the gain mechanism in free electron laser systems 1-46276
- Elgin, J.N., O'Hare, T.B., New, G.H.C. Theory of two-photon amplification with ultrashort pulses 1-29239
- Elhangor, M. see Abdel-Gaid, M.A. 1-42073
- Elhardt, C.E. see Dobbs, C.R. 1-53439
- Elhoff, W.C., Tabke, L.C. BWR plant start-up generic problems and lessons learned 1-18798
- Elhuni, K., Hobson, C.A., Lalor, M.H. Laser length measurement using microprocessors 1-23301
- Elias, E., Ben-Haim, Y. Determination of spatial distribution in two-phase flow using scattered gamma radiation 1-751

- Elías, E., Pieters, W., Yom-tov, Z. Accuracy and performance analysis of a nuclear belt weigher 1-23185
- Elías, E. see Kenigsberg, A. 1-834
- Elías, J.H. H₂ emission from Herbig-Haro objects 1-22861
- Elías, J.H., Frogel, J.A., Humphreys, R.M. HV 11417: a peculiar M supergiant in the Small Magellanic Cloud 1-44636
- Elías, J.H. see Elliott, J.L. 1-40417
- Elías, L.R., Madey, J.M.J., Smith, T.I. Monte Carlo analysis of a free electron laser in a storage ring 1-19313
- Elías, N., Beraud, R., Charvet, A., Duffait, R., Meyer, M., Andre, S., Genevey, J., Tedesco, S., Treherne, J., Beck, F., Byrski, T. High spin states in the odd-odd nucleus ¹⁰⁸In 1-18548
- Elías, N., Beraud, R., Charvet, A., Duffait, R., Meyer, M., Andre, S., Genevey, J., Tedesco, S., Treherne, J., Beck, F., Byrski, T. High-spin states in the odd-odd nucleus ¹⁰⁸In 1-28365
- Elías, R.W., Davidson, C. Mechanisms of trace element deposition from the free atmosphere to surfaces in a remote High Sierra Canyon 1-54169
- Elías, V. Possible dynamical origin of fermion mass differences within SO(10) unifying symmetry 1-14312
- Elías, V. Some consequences of embedding heavy color in grand unified theories 1-36837
- Elías, V. see Salam, A. 1-10078
- Elíasberg, G.M. see Bychkov, Yu.A. 1-52631
- Elíasen, A. Balanced motion of a stratified, rotating fluid induced by bottom topography 1-54223
- Eliau, A. see Eisen, Y. 1-6106
- Elises, M. see Besada, J.L. 1-21692
- Eliei, E., van Leeuwen, K.A.H., Hogervorst, W. Hyperfine anomaly in the ²P_{3/2} level of the 4f⁶6s² configuration of europium I 1-1132
- Eliezer, C.J. see Prince, G.E. 1-44763
- Eliezer, S. see Arad, B. 1-34050
- Eliezer, Z. see Pearlsall, K.J. 1-39473
- Eligulashvili, I.A. see Barkhudarov, E.M. 1-33636
- Eligulashvili, I.A. see Gil'el's, A.M. 1-24374
- Eliseev, P.G., Ermakova, M.V., Khleskova, T.N., Strakhov, V.P., Stysin, V.E., Tikhomirov, S.V., Khatyrev, N.P., Hkleskova, T.N., Yakovlev, V.A. Highly stabilized mean-power radiation source [based on injection laser] 1-5273
- Eliseev, P.G., Lavrov, V.N. Use of injection heterojunction lasers in fiber-optic communications systems 1-51637
- Eliseev, P.G., Okhotnikov, O.G., Pak, G.T. Properties of planar stripe-geometry heterojunction lasers. Analysis of electrical characteristics 1-51482
- Eliseev, P.G., Osinski, M. Use of the Epstein dielectric model to describe modes of planar stripe-geometry heterojunction lasers 1-33687
- Eliseev, P.G. see Bezotosnyi, V.V. 1-46390
- Eliseev, P.G. see Bogatov, A.P. 1-6584, 1-51481
- Eliseeva, M.K. see Makogon, M.B. 1-31563
- Eliseeva, O.I. see Maksimovich, G.G. 1-3861, 1-16881
- Elisei, G. see Briatore, L. 1-32507
- Elidstrator, V.I., Sidiyar, M.M. Stress state in the tool in volume adjustment for hollow conical components 1-41957
- Elitzur, M. The nature of SiO masers in late-type stars 1-9472
- Elitzur, M. see Watson, W.D. 1-9354
- Elizalde, E. see Arjona, F. 1-17205
- Elizarov, A.E. see Vernov, S.N. 1-4731
- Elizarov, V.S., Levchenko, R.E. Using water channels for studying models of nozzles with throats at their inlets 1-6883
- El'kamkhavi, A.A. see Van Syn Chan 1-45418
- Elkert, J. see Ivars, R. 1-50951
- Elkhov, V.A., Kalashnikov, S.P., Nedanov, M.V., Semenov, G.I., Shapiro, B.I., Kharitonova, A.I. Investigation of the characteristics of new holographic infrachromatic plates of type I-880 G 1-23353
- Elkin, A.I. see Sosin, S.E. 1-43425
- Elkin, F.M. see Kudryashov, V.G. 1-53287
- Elkonosov, S.G., Munsch, G. Exciton-exciton elastic scattering cross sections for different semiconductors 1-38729
- Elkonin, B.V. Friction of materials at low temperatures 1-12887
- Elkoth, M.M. see Rafat, N.M. 1-17264
- Elkoubi, A., Racine, R., Tracucci, R. Nuclear fuel and its development lines in the context of the French nuclear programme 1-23765
- Elder, J., Friberg, P., Hjalmarson, A., Hoglund, B., Irvine, W.M., Johansson, L.E.B., Olofsson, H., Rydbeck, G., Rydbeck, O.E.H., Guelin, M. On methyl formate, methane, and deuterated ammonia in Orion A 1-49774
- Elder, J. see Rydbeck, O.E.H. 1-49838
- Elegard, C. see Rektstad, J. 1-10295
- Elleman, D. see Mason, P. 1-47324
- Ellenberg, M.R. see Eades, R.A. 1-45824
- Ellengorn, S.M. see Minaev, G.A. 1-11437
- Ellern, G.A. see Khodachikova, R.Ya. 1-52829
- Ellert, O.G. see Menshchikova, T.K. 1-43289
- Ellervey, A.F., Laisaar, A.I., Oper, A.-M.A. Hyperfine interaction as a reason for eliminating the prohibited nonphonon transition in an impurity centre 1-43124
- Ellery, L.A. see Dodd, R.J. 1-27571
- Elliman, R.G. see Williams, J.S. 1-38390
- Ellinas, C.P., Croll, J.G.A. Post-critical analysis of torsionally buckled stiffener plates 1-19597
- Ellington, H.I., Addinall, E., Hatley, M.C. The project Scotia competition 1-5056
- Ellington, H.I., Addinall, E., Hatley, M.C. The physics of television broadcasting 1-9815
- Elliott, D.G. see Chen, R.J.J. 1-47247
- Elliott, J.L., Frogel, J.A., Elías, J.H., Glass, I.S., French, R.G., Mink, D.J., Liller, W. The 20 March 1980 occultation by the Uranian rings 1-40417
- Elliott, J.L. see Klemola, A.R. 1-40419
- Elliott, J.L. see Millis, R.L. 1-54408
- Elliott, J.L. see Mink, D.J. 1-40418
- Elliott, J.L. see Peterson, D.M. 1-54569
- Elliott, S., Bucklow, I.A., Wallach, E.R. An examination of diffusion bonded interfaces in a mild steel 1-21578
- Elliott, C.R., Regnault, J.C. The detection of structural defects in indium phosphide by electrochemical etching 1-47074
- Elliott, D.S., Ward, J.F. Polarizability anisotropies of CO₂, N₂O, and OCS from measurements of the intensity-dependent refractive index gases 1-37364
- Elliott, E. see Loschke, K. 1-8031
- Elliott, H.M. see Roy, K.K. 1-40213
- Elliott, J. see Jackson, C.M. 1-38969
- Elliott, J.A. see Snyder, R.L. 1-49348
- Elliott, J.C., Bonel, G., Trombe, J.C. Space group and lattice constants of Ca₁₀(PO₄)₆CO₃ 1-30177
- Elliott, J.C., Dykes, E., Mackie, P.E. Structure of bromapatite and the radius of the bromide ion 1-42349
- Elliott, J.F. see Lynch, D.C. 1-12906
- Elliott, J.F. see Neudorf, D.A. 1-47258
- Elliott, J.M. Impact of threat levels on design of a facility protection system 1-14653
- Elliott, J.P., White, A.P. An isospin invariant form of the interacting boson model 1-18581
- Elliott, K.H. see Canto, J. 1-27594
- Elliott, M., Ellis, T., Springford, M. Influence of the electron-phonon interaction on the de Haas-van Alphen effect in mercury 1-25612
- Elliott, P., Hampton, A.F. The influence of ternary additions of W, Mo, Ti, Ta, and Nb on the isothermal and cyclic oxidation of Ni-10Cr alloy 1-3983
- Elliott, R., Glenister, S.M.D. The growth temperature and interlayer spacing in aluminum silicon eutectic alloys 1-8289
- Elliott, R.J. see Kanchisla, M.A. 1-47183
- Elliott, R.O., Koss, D.A., Giessen, B.C. On the characteristics of amorphous U-Fe alloys formed by liquid quenching vs. irradiation techniques 1-15807
- Ellis, D.E., Berkovitch-Yellin, Z. Charge and spin distributions of copper and silver porphyrin 1-51108
- Ellis, D.E. see Anisimov, V.I. 1-42681
- Ellis, D.E. see Delley, B. 1-30619
- Ellis, D.E. see Gungbenzburger, D. 1-19124
- Ellis, D.E. see Lam, D.J. 1-38714
- Ellis, D.E. see Ryzhkov, M.V. 1-3570
- Ellis, D.G. Use of polypropylene as a reinforcing medium in various substrates 1-8396
- Ellis, D.G. Cascade production of power-law decay curves 1-28919
- Ellis, D.G. see Curtis, L.J. 1-28867
- Ellis, G.F.R. see Tipler, F.J. 1-18115
- Ellis, G.R.A. see McConnell, D. 1-54465
- Ellis, H.T. see Fegley, R.W. 1-22427
- Ellis, H.W. see Sauer, I. 1-15687
- Ellis, H.W. see Thackston, M.G. 1-2137
- Ellis, J. Large scale state estimation algorithms for DSN tracking station location determination [Deep Space Network] 1-4742
- Ellis, J. Small-scale design optimization using an interactive minicomputer 1-18733
- Ellis, J. Gluons 1-33165
- Ellis, J., Gaillard, M.K., Nanopoulos, D.V., Rudaz, S. Uncertainties in the proton lifetime 1-23462
- Ellis, J., Gaillard, M.K., Nanopoulos, D.V., Rudaz, S. A cosmological lower bound on the neutron electric dipole moment 1-50432
- Ellis, J., Gaisser, T.K., Steigman, G. Exotic relics from the big bang 1-44681
- Ellis, J.F., Walstrom, P.L. A strain gage signal conditioning system for use in the LCP 1-257
- Ellis, J.R. see Clark, J.W. 1-32308
- Ellis, L.V. see Hager, E.R. 1-2248
- Ellis, P.D., Chou, Y.-C., Dobosh, P.A. Semiempirical theory of boron chemical shifts utilizing gauge-invariant atomic orbitals 1-14934
- Ellis, P.J. see Franey, M.A. 1-45525
- Ellis, P.J. see Mughrabi, B. 1-18659
- Ellis, R.G., McKellar, B.H.J. Muon-electron scattering and neutral currents 1-40978
- Ellis, R.G., McKellar, B.H.J., Joshi, G.C., Anderson, R. Electromagnetic decay widths for L=1, J^{PC}=1⁻-T baryonia 1-33185
- Ellis, R.J. see Koziar, K.S. 1-1397
- Ellis, R.K., Furman, M.A., Haber, H.E., Hinchliffe, I. Large corrections to high-p_T hadron-hadron scattering in QCD 1-590
- Ellis, R.K., Ross, D.A., Terrano, A.E. Calculation of event-shape parameters in e⁺e⁻ annihilation 1-486
- Ellis, R.K., Ross, D.A., Terrano, A.E. The perturbative calculation of jet structure in e⁺e⁻ annihilation 1-50445
- Ellis, R.M. see Rogers, G.C. 1-53994
- Ellis, R.S. see Efstathiou, G. 1-27613
- Ellis, S.C. see McLaughlin, W.L. 1-944
- Ellis, S.D. Jets and quantum chromodynamics 1-14356
- Ellis, S.D., Stirling, W.J. Quark form factors and leading double logarithms in quantum chromodynamics 1-45221
- Ellis, S.D. see Freedman, R.A. 1-23480
- Ellis, T. see Elliott, M. 1-25612
- Ellis-Akovali, Y.A., Toth, K.S., Bingham, C.R., Carter, H.K., Sousa, D.C. Electron capture and α -particle decay of ¹⁰⁹Pb 1-41080
- Ellis-Akovali, Y.A. see Toth, K.S. 1-50561
- Ellison, E.G. see Lohr, R.D. 1-37850, 1-39552
- Ellison, E.G. see Plumbbridge, W.J. 1-35392
- Ellison, R.J. see Adamovich, M.I. 1-45317
- Ellison, R.J. see Aston, D. 1-14399, 1-45297, 1-50442
- Ellison, R.J. see Fiorino, A. 1-50583
- Ellison, P.R. see Chiu, L.B. 1-7946
- Ellner, M. Relations between structural and thermodynamic properties of phases of the copper family in the Tl⁰-B⁺ and Tl⁰-B² systems 1-20129
- Elner, M., Predel, B. Solid phases obtained by extremely rapid cooling in the systems Ni-Ge, Pd-Ge, and Pt-Ge 1-35247
- Ells, C.E., van der Kuur, J.H. Demonstration of crack growth by delayed hydrogen cracking in the rolled joints of Zr-2.5 wt.% Nb pressure tubes 1-788
- Ellsworth, R.W., Gaisser, T.K., Yodh, G.B. Hadronic interactions around 50 TeV 1-44400
- Ellsworth, R.W., Goodman, J., Yodh, G.B., Gaisser, T.K., Todor Stanev Simulation of Centauro events 1-49466
- Ellsworth, W.L. see Thurber, C.H. 1-32355
- Ellwanger, R.E., Jaeger, D.A., Barden, R.E. Use of the empirical Hill equation for characterization of the effect of added cations on the viscosity of aqueous solutions of partially hydrolyzed polyacrylamide 1-47139
- Ellwood, B.B., Whitney, J.A., Wenner, D.B., Mose, D., Amerigian, C. Age, paleomagnetism, and tectonic significance of the Elberton Granite, northeast Georgia Piedmont 1-27063
- Ellyett, C.D., Kennewell, J.A. Radar meteor rates and atmospheric density changes 1-4829
- Elmaleh, D.R. see Gronemeyer, S.A. 1-32243
- El'manovich, S.S. see Gogonenkov, G.N. 1-13609
- El'maraghy, R., Baronet, C.N. An effective noise diagnosis scheme for industrial plants 1-29457
- Elmegeen, B.G. The role of magnetic fields in constraining the translational motion of giant cloud complexes 1-54578
- Elmegeen, B.G., Elmegeen, D.M., Morris, M. On the abundance of carbon monoxide in galaxies: a comparison of spiral and Magellanic irregular galaxies 1-9614
- Elmegeen, B.G., Genzel, R., Moran, J.M., Reid, M.J., Walker, R.C. VLBI observations of the H₂O masers in Sagittarius B2 1-49748
- Elmegeen, B.G. see Elmegeen, D.M. 1-9655
- Elmegeen, D.M. Star formation in W3 and W4 discovery of 135 possibly embedded near-infrared stars 1-22771
- Elmegeen, D.M. Properties of spurs in spiral galaxies 1-40554
- Elmegeen, D.M., Elmegeen, B.G. The location of star-forming regions in barred Magellanic-type galaxies 1-9655
- Elmegeen, D.M. see Elmegeen, B.G. 1-9614
- El'meneva, T.T. see Griblov, L.A. 1-24053
- Elmer, T.H. see Power, J.M. 1-53309
- Elmore, D. see Finkel, R.C. 1-36034
- Elmore, D. see Nishizumi, K. 1-40432
- Elmore, D. see Sugarbaker, E. 1-33210
- Eloranta, E.W. see Kunkel, K.E. 1-17661
- Eloranta, E.W. see Sroga, J.T. 1-22529
- Elovatskaya, A.L., Karabash, A.G. Dissociation pressure of transition metal hydrides 1-43653
- Elovikov, S.S. see Stolyarova, S.V. 1-16105
- Elphic, R.C., Russell, C.T., Slavin, J.A., Brace, L.H., Nagy, A.F. The location of the dayside ionopause of Venus: Pioneer Venus Orbiter magnetometer observations 1-4803
- Elphic, R.C. see Luhmann, J.G. 1-36206
- Elrod, S.A., Lue, J.W., Miller, J.R., Dresner, L. Metastable superconductive composites: dependence on stability on copper-to-superconductor ratio 1-52734
- Elassner, H. see Chini, R. 1-27491
- Elsen, E. see Bartel, W. 1-18500, 1-45253, 1-45254
- Elsen, E. see O'Neill, L.H., Jr. 1-50443

- Elshuraydeh, K., Smits, J., Heethaar, R.M., Denier van der Gon, J.J. Method for measuring cardiac dimensions and intramural deformations 1-53945
- Elstinger, R.J. *see* Fanning, K.A. 1-54066
- Elssner, N.B., Bass, J.C., Russo, F.A., O'Riordan, P.A. Development of an advanced RTG using segmented thermoelectrics 1-48884
- Elser, N.B., Miller, P.H., Jr., Reynolds, G.H. Refractory thermoelectric materials 1-52588
- Elser, R.F., Ghosh, P., Lamb, F.K. On the origin and persistence of long-period pulsating X-ray sources 1-44669
- Elser, R.F. *see* Grindlay, J.E. 1-22848
- Elsom, K.C., Sables, J.R. Macroscopic surface roughness and the resistivity of thin metal films 1-47762
- Elssner, G. *see* Honecker, H. 1-16928
- Elssner, G. *see* Kiessler, G. 1-53382
- Elst, H.C. *see* Van Elst, H.C.
- Elstner, C. On the large-order gravity variations in various spectral ranges 1-40041
- Elston, S. *see* Breinig, M. 1-29113
- Elston, S. *see* Laubert, R. 1-47124
- Elston, S.B., Sellin, I.A., Breinig, M., Huld, S., Liljeby, L., Thoe, R.S., Datz, S., Overbury, S., Laubert, R. Coincidence experiments concerning convoy-electron production by 1-8.5 MeV α highly ionized projectiles traversing polycrystalline solids and axial channels in gold 1-37347
- Elusuf'ev, S.A., Izotov, I.N. Evaluating the load-carrying capacity of thin-walled tubes from the initial moment of strain localization 1-1843
- Elusukova, T.F. *see* Makogon, M.B. 1-31563
- Eltayeb, I.A. On the propagation and stability of wave motions in rapidly rotating spherical shells. I. The non-magnetic case 1-54030
- Eltayeb, I.A., Hassan, M.H.A. On the nonlinear evolution of sand dunes 1-54085
- Eltayeb, I.A. *see* Ahmed, B.M. 1-17674
- Eltgroth, M.W. *see* Radke, L.F. 1-22430
- Elton, R.C. *see* Seely, J.F. 1-51956
- Eltoukhy, A.H., Greene, J.E. Diffusion enhancement due to low-energy ion bombardment during sputter etching and deposition 1-3621
- Eltoukhy, A.H. *see* Rivaud, L. 1-39210
- El'tsov, K.N. *see* Averkiev, N.S. 1-52993
- Eltyshev, V.A. Stress-strain state of a system consisting of an orthotropic shell of variable thickness and a filler of complex shape 1-15401
- Eltyshev, V.A. Elastic and viscoelastic behavior of an orthotropic 'shell-filler' system under the action of body forces 1-29554
- Elustondo, J. Metallurgical aspects of nuclear energy. II 1-761
- Elustondo, J. Metallurgical aspects of nuclear energy. III 1-18742
- Elvira, A. Ruiz de *see* Ruiz de Elvira, A.
- Elwell, D., Feigelson, R.S., Simkins, M.M. Electrodeposition of indium phosphide 1-35190
- Elwell, D. *see* Ahn, K.S. 1-3610
- Elwell, D. *see* Rao, G.M. 1-21369
- Elwert, G., Narain, U. An estimation of the amount of heating for some solar coronal loops 1-32684
- Elwood, W.S. *see* Strom, D.J. 1-41200
- Elworthy, K.D. *see* de Witt-Morette, C. 1-28153
- Elwyn, A.J., Holland, R.E., Davis, C.N., Monahan, J.E., Mooring, F.P., Ray, W., Jr. Cross sections for the $^6\text{Li}(^4\text{He}, p)$ reaction at energies below 2 MeV 1-5788
- Elyas, M. *see* Chandra, B.P. 1-43196
- Elyasberg, M.E., Savinov, A.I. Determining work-piece material parameters which affect self-induced vibration 1-14026
- Elyashevich, G.K. *see* Poddubny, V.I. 1-34255
- Elyukhin, V.A., Karpov, S.Yu., Konnikov, S.G. Liquid-phase epitaxy of graded $\text{Al}_x\text{Ga}_{1-x}\text{P}$ heterojunctions 1-34599
- Elyukhin, V.A., Karpov, S.Yu., Portnoi, E.L., Skvortsov, A.M., Sorokina, L.P. Crystallization of $\text{Al}_x\text{Ga}_{1-x}\text{Sb}$ solid solutions 1-47031
- Elyukhin, V.A., Kocharyan, V.R., Portnoi, E.L., Rykvin, B.S. Coherent emission of heterojunction lasers with a waveguide layer having a continuous refractive-index variation 1-33690
- Elyukhin, V.A., Kocharyan, V.R., Portnoi, E.L., Rykvin, B.S. Polarization of the emission in injection lasers 1-51485
- Elyutin, N.O. *see* Somenkov, V.A. 1-3217
- Elyutin, P.V. The spectrum of spatially disordered systems 1-30667
- Elze, Th.W. *see* Ower, H. 1-45397
- Elzerman, A.W. *see* Garland, J.A. 1-44252
- Ema, K. *see* Hamano, K. 1-39046
- Emami Bahman *see* Bahman Emami
- Emanuel, G. Cascade performance for large separation factors 1-28705
- Emanuel, N.M. Some problems of chemical kinetics in polymer aging and stabilization 1-48396
- Emanuel, W.R., Killough, G.G., Shugart, H.H., Jr. Calibration and testing of models of the global carbon cycle 1-9238
- Emara, A.A., Kulacki, F.A. A numerical investigation of thermal convection in a heat-generating fluid layer 1-37929
- Emara, M.M., Atkinson, G. The dynamics of micelle formation in bile salts. I. Sodium cholate and sodium deoxycholate 1-34647
- Embach, J.T. *see* Upatnieks, J. 1-6521
- Embacher, W. An attempt to determine vertical deflection from local gravity measurements 1-9070
- Emberlin, J.C. Smoke and sulphur dioxide in a rural area of central southern England 1-53724
- Emberlin, J.C. Smoke and sulphur dioxide concentrations in relation to topography in a rural area of central southern England 1-54167
- Embley, R.W. Acoustic stratigraphy and biostratigraphy of Neogene carbonate horizons in the north equatorial Pacific 1-22324
- Embury, J. Particles production strong extinction in the infrared 1-6474
- Embury, J. Absorption by small regular non-spherical particles in the Rayleigh region 1-6475
- Embury, J.D. *see* Chandra, H. 1-16804
- Embury, J.D. *see* Hoagland, R.G. 1-1890
- Embury, J.D. *see* Wycliffe, P. 1-43383
- Emelue, K.G. Positive columns in curved discharge tubes 1-15670
- Emelianov, B.A., Kabina, L.P., Kondurov, I.A., Loginov, Yu.E., Sushkov, P.A. Direct decomposition of the experimental $\gamma\gamma$ coincidence matrix 1-28827
- Emelianenko, L.P., Mogutnov, B.M., Chernavtseva, G.A., Shvartsman, L.A. Effect of aluminum, nitrogen, and boron on formation of nitride phases in silicon iron 1-8310
- Emelianenko, O.V. *see* Dakhno, A.N. 1-20776
- Emelianov, A.B. *see* Turchin, V.N. 1-35225
- Emelianov, A.I., Serova, F.G., Yankina, A.A., Akvilev, B.V. Influence of the contact resistance of a transition layer on measurements of the Hall mobility in semiconductor films by the magnetoresistance method 1-42797
- Emelianov, A.V., Masloboev, Yu.P., Poltoratskii, E.A., Siris, R.A., Shokin, A.N., Shtofich, S.V. Semiconductor laser for integrated optics 1-51644
- Emelianov, D.A. *see* Barmis, S.M. 1-20704
- Emelianov, G.M., Avdeeva, V.I., Al'perovich, M.A., Vitinov, M.P., Ereemeeva, E.P., Ivanova, T.F. Degree of bleaching and spectral properties of phototropic polymer media 1-15231
- Emelianov, I.Y. *see* Selivanov, V.M. 1-36995
- Emelianov, I.Ya., Filipchuk, E.V., Potapenko, P.T., Fedulov, V.V., Potapenko, G.T., Sivokon, V.P. Experiments on reactor control with gas 1-28641
- Emelianov, I.Ya., Podlazov, L.N., Aleksakov, A.N., Panin, V.M. Synthesis of an unsymmetrical-zone control system for reactor power distribution 1-28643
- Emelianov, N.V. The effect of the Sun's and Moon's attraction on the motion of an artificial Earth satellite 1-22661
- Emelianov, V.I., Zokhidi, Z. Bistability and hysteresis of static polarization induced by laser illumination of crystals 1-33740
- Emelianov, V.S. *see* Ageikin, D.I. 1-27993
- Emergy, J., Cereze, A., Varret, F. A Mossbauer study of $\text{Pb}_2\text{Fe}_2\text{O}_7\text{Cl}_2$ a three-layer magnet 1-7981
- Emergy, W.J., Mysak, L.A. Dynamical interpretation of satellite-sensed thermal features off Vancouver Island 1-27194
- Emerich, C. *see* Barker, E. 1-44483
- Emerich, C. *see* Cazes, S. 1-40244
- Emero, D.H. Quarter-scale Space shuttle design, fabrication, and test 1-13662
- Emerson, C.J. *see* Barber, V.C. 1-23376
- Emerson, D. *see* Clowes, R.G. 1-9714
- Emerson, J.D. Financing of the world petroleum industry through 1990 1-8657
- Emerson, J.D., Clarco, V. Investing in coal 1-8656
- Emerson, K. *see* Drumheller, J.E. 1-34341
- Emerson, L.C. *see* Clausen, R.E. 1-24994, 1-25085
- Emerson, L.C. *see* Langley, R.A. 1-23848
- Emery, A.F., Kobayashi, A.S. Transient stress intensity factors for edge and corner cracks in quench-test specimens 1-1891
- Emery, A.F. *see* Kobayashi, A.S. 1-43520
- Emery, B.A. *see* Richmond, A.D. 1-9317
- Emery, G.T. *see* Bacher, A.D. 1-23542
- Emery, G.T. *see* Bertrand, F.E. 1-14502
- Emery, G.T. *see* Kelly, J. 1-28388
- Emery, J., Fayet, J.C. Analysis of transferred spin densities in the $3d^1\text{VF}_6^{1+}$ complex, through LCAO-MO calculations 1-25667
- Emery, J. *see* Pezeril, M. 1-16039
- Emery, K.O., Milliman, J.D. Shallow-water limestones from slope off Grand Cayman Island 1-27149
- Emery, R.J., Zavody, A.M., Gebbie, H.A. Measurements of atmospheric absorption in the range 5-17 cm^{-1} and its temperature dependence 1-27229
- Emery, V.J. *see* Black, J.L. 1-32935
- Emery, W.J., Ebbsmeyer, C.C., Dugan, J.P. The fraction of vertical isotherm deflections associated with eddies: an estimate from multiphase XBT surveys 1-27188
- Emery, W.J. *see* Royer, L. 1-44209
- Emery, J. *see* Dugue, C. 1-20322
- Emets, Yu.P. *see* Vasetkii, Yu.M. 1-16268
- Emets, Yu.P. *see* Vovchenko, A.I. 1-2278
- Emi, H. *see* Kanaoka, C. 1-20595
- Emid, S. Determination of the rotational polarization of CH_3 groups by means of a simple pulse-program 1-34944
- Emid, S., Smidt, J. Tunnelling-induced dipolar polarization at high temperatures 1-34951
- Emigh, R.A. *see* Peterson, R.J. 1-5670
- Emiliani, C. Death and renovation at the end of the Mesozoic 1-9258
- Emiliani, P.L., Graziani, P., Tronconi, A. A scheme for quantifying the LPC parameters of phonic signals 1-1779
- Emiliani, P.L. *see* Castellini, G. 1-1780, 1-53930
- Emin, D. The Hall effect in hopping conduction 1-34727
- Emin, D. *see* Bosch, M.A. 1-3462
- Eminogov, E.D. *see* Ostrovskii, Yu.M. 1-48777
- Eminov, P.A. *see* Borisov, A.V. 1-45169
- Eminyan, M., Lampel, G. Optical measurement of free-electron polarization 1-19194
- Eminyan, M. *see* Lampel, G. 1-48223
- Emkey, W.L., Romberger, A.B., Van Sciver, W.J. Stimulated luminescence of K1 single crystals 1-48163
- Emling, H., Grosse, E., Schwalm, D., Simon, R.S., Wollersheim, H.J., Husar, D., Pelte, D. Reduced collectivity at high spins in ^{138}Dy 1-28368
- Emling, H. *see* Ower, H. 1-45397
- Emling, H. *see* Piercey, R.B. 1-41030
- Emmel, P.M. System design considerations for laser scanning 1-46421
- Emmer, M. Capillarity problem in absence of gravity: a variational approach 1-32851
- Emmerman, H.G., Goulard, R., Santoro, R.J., Semerjian, H.G. Multilingual absorption diagnostics of a turbulent argon-methane jet 1-2050
- Emmerman, P.J. *see* Goulard, R. 1-53521
- Emmerson, J.C. Improvement in the accuracy of ethylene density measurement 1-27932
- Emmert, G.A., Bailey, A.W. Plasma flow and neutral gas effects in the bundle divertor chamber 1-25035
- Emmons, A.H., Benson, J.W. Nuclear power plant safety in Missouri 1-33336
- Emmons, D.A., Rogers, P.J. New cesium beam tube utilizing hexapole/double-dipole optics [frequency standard] 1-18198
- Emmons, T.P. *see* Hollister, J.H. 1-46151
- Emmony, D.C. Diagnostics of the laser-liquid interaction 1-43224
- Emmoth, B. *see* Braun, M. 1-25334, 1-25504
- Emmoth, B. *see* Izycni, M. 1-1419
- Emond, C., Leroy, V. Influence des conditions de galvanisation sur les propriétés de dépôt de zinc. Application aux problèmes posés aux aciers pour galvanisation à l'acide (Influence of galvanizing conditions on the properties of the zinc deposit. Application to the problems posed by steels for galvanization) 1-48588
- Emori, K. *see* Hishida, M. 1-742
- Emptage, M.R. *see* Bose, S.K. 1-39877
- Emrich, K. An extension of the coupled cluster formalism to excited states. I 1-33227
- Emrich, K. An extension of the coupled cluster formalism to excited states. II. Approximations and tests 1-33228
- Emrich, K., Zabolitzky, J.G. Negative parity states in ^{16}O from coupled-cluster equations 1-33221
- Emrick, R.M. Reassessment of the formation volume of vacancies in gold 1-20196
- Ems, S.C. *see* Corcoran, A. 1-33204
- Emslay, J.W., Khoo, S.K., Lindon, J.C., Luckhurst, G.R. Motion of the director in a spinning nematic subject to a static magnetic field 1-42290
- Emsley, J.W., Longeri, M. The molecular structures of styrene and 4-bromostyrene and the deuterium quadrupole coupling constants of styrene- d_8 determined from the proton and deuterium magnetic resonance spectra of nematic solutions 1-45991
- Emsley, J.W., Luckhurst, G.R. The effect of internal motion on the orientational order parameters for liquid crystalline systems 1-11672
- Emslie, A.G., Vlahos, L. Radiation signatures from a locally energized flaring loop 1-44519
- Emslie, A.G. *see* Aronson, J.R. 1-10927, 1-34998
- Emslie, A.G. *see* Walker, I.W. 1-13673
- Emtage, P.R., Kimblin, C.W., Gorman, J.G., Holmes, F.A., Heberlein, J.V.R., Voshall, R.E., Slade, P.G. Interaction between vacuum arcs and transverse magnetic fields with application to current limitation 1-34148
- Emyashev, A.V., Slagorodskaya, Z.V., Stepanova, A.N. Preparation and certain properties of silicon pyronitride films. [Thermal properties] 1-43266
- En Luo *see* Luo En
- En Naoui, A. *see* Chanutsof, G. 1-26839
- En Xue *see* Xue En
- En-Fu Wang *see* Wang En-Fu
- En-Ji Zhou *see* Zhou En-Ji
- Enakii, V.N. *see* Perlin, Yu.E. 1-12560

- Enayati-Rad, N. *see* Thorp, J.S. 1-39023
- Enayati-Rao, N. The radio frequency and microwave dielectric properties of doped magnesium oxide 1-21110
- Enayattallah, E. *see* Gadalla, A.M. 1-43510
- Enciso, E. *see* Lombardero, M. 1-46966
- Enckevort, W.J.P. *see* van Enckevort, W.J.P.
- Endal, A.S., Sofia, S. Rotation in solar-type stars. I. Evolutionary models for the spin-down of the Sun 1-54472
- Ende, D. *see* van den Ende, D.
- Endean, V.G. The pulsar magnetosphere as a giant radio aerial 1-4930
- Endean, V.G. *see* Overzen, C.S. 1-15579
- Endemann, M., Byer, R.L. Remote single-ended measurements of atmospheric temperature and humidity at 1.77 μm using a continuously tunable source 1-9286
- Ender, A.Ya. *see* Babanin, V.I. 1-24980, 1-25092, 1-26357
- Ender, A.Ya. *see* Kuznetsov, V.I. 1-25078
- Enderby, J.E. *see* Cummings, S. 1-7070
- Enderby, J.E. *see* Newsome, J.R. 1-20042
- Enderlein, R. *see* Peuker, K. 1-47550
- Enders, D.D. *see* Pommerenig, D.H. 1-40858
- Endicott, D.W. *see* Casey, G.J., Jr. 1-8579
- Endl, H., Hauser, H. The influence of impurities and sintering atmosphere on optical and electrical properties of aluminium oxide. II. Electrical properties 1-35404
- Endl, H., Hauser, H. The influence of impurities and sintering atmosphere on optical and electrical properties of aluminium oxide. I. Optical properties 1-35406
- Endler, A.M., Rego Monteiro, M.A., Santoro, A., Souza, M. Application of the three-component dual-deck-model to the A K channel in pp reaction 1-41013
- Endo, H., Hinata, Y. Optimal control of plasma state and realization of superconductive state in solid 1-25830
- Endo, H., Uda, M., Maeda, K. Influence of the chemical bond on the intensities of F Ka X-ray satellites produced by electron and photon impacts 1-1160
- Endo, H. *see* Hoshino, H. 1-20403, 1-25772
- Endo, H. *see* Minosou, M. 1-30908
- Endo, H. *see* Mushiage, M. 1-30376
- Endo, H. *see* Suzuki, K. 1-25373
- Endo, H. *see* Yao, M. 1-25771, 1-25773
- Endo, I. *see* Berglund, A. 1-36881
- Endo, I. *see* Fukushima, M. 1-45770
- Endo, I. *see* Terada, S. 1-14415
- Endo, K., Komai, K., Fujimoto, T., Matsuda, Y. Environmentally enhanced fatigue crack growth of a high-strength steel sensitive to stress corrosion cracking 1-26580
- Endo, K. *see* Torikai, T. 1-38671
- Endo, M., Koyama, T., Inagaki, M. A concentration cell with graphite fiber-bromine intercalation compound 1-21866
- Endo, M. *see* Watanabe, N. 1-35638
- Endo, S., Ito, K. Electrical resistance of $\alpha\text{Fe}_2\text{O}_3$ under ultrahigh static pressure 1-16322
- Endo, S. *see* Ichikawa, M. 1-52280
- Endo, S. *see* Ito, A. 1-31692
- Endo, S. *see* Ito, K. 1-42834
- Endo, S. *see* Mishima, O. 1-2614
- Endo, S. *see* Seki, Y. 1-25754
- Endo, T. *see* Kanda, H. 1-35169
- Endo, T. *see* Koyanagi, M. 1-20924
- Endo, T. *see* Kitamoto, M. 1-21066
- Endo, T. *see* Murakami, Y. 1-48478
- Endo, T. *see* Muramoto, T. 1-51565
- Endo, Y., Saito, S., Hirota, E. Microwave spectrum, spin-rotation, and hyperfine interaction constants, dipole moment, molecular structure, and harmonic force constants of the FSO radical 1-45941
- Endo, Y., Yoshida, K., Saito, S., Horota, E. The microwave spectrum of carbon dioxide- ^{18}O 1-1213
- Endo, Y. *see* Akitaya, E. 1-9186
- Endo, Y. *see* Matsumura, K. 1-10720
- Endo, Y. *see* Mizuki, J. 1-38206
- Endoh, H. *see* Kumao, A. 1-47046
- Endoh, M. *see* Takasaka, A. 1-34488
- Endoh, S., Yamaguchi, K. Stereological analysis for geometrical structure of spongy metal 1-53486
- Endoh, Y., Noda, Y., Iizumi, M. Lattice dynamics and Invar properties in FCC FeMn alloy 1-47185
- Endoh, Y. *see* Obara, H. 1-7831
- Endoh, Y. *see* Suematsu, H. 1-38534
- Endoh, Y. *see* Takahashi, J. 1-12602
- Endorf, R. *see* Ammosov, V.V. 1-40980
- Endorf, R. *see* Efremenko, V.I. 1-33173
- Endorf, R.J. *see* Berge, J.P. 1-540
- Endres, H. The development of an optical fibre coupler with minimum transmission loss and good handling properties 1-19428
- Endres, H., Hunziker, M. Crystal and molecular structure of a hexaazamacrocyclic 1-25254
- Endrzhetskiy, S.N. *see* Antonova, M.M. 1-30549
- Endt, P.M. Strengths of gamma-ray transitions in A=45-90 nuclei 1-13941
- Endt, P.M. *see* de Boer, J. 1-36943
- Ene, H.I., Sanchez-Palencia, E. Some thermal problems in flow through a periodic model of porous media 1-24873
- Enfield, D.B., Allen, J.S. On the structure and dynamics of monthly mean sea level anomalies along the Pacific Coast of North and South America 1-17600
- Eng, R.L. *see* Hoover, G.S. 1-28595
- Eng, R.S., Butler, J.F., Linden, K.J. Tunable diode laser spectroscopy 1-33064
- Eng, R.S. *see* Kemeny, G.J. 1-5413
- Eng, S.T., Bergman, L.A. Gigahertz analog modulation and differential delay of GaAlAs lasers: temperature and current behavior 1-11001
- Engel, H. *see* Beckerman, M. 1-10401
- Engel, H. *see* Schier, W. 1-41156
- Engel, A. Digitized scanning transmission electron microscopy 1-53941
- Engel, A.R. *see* Coc, M.J. 1-49852
- Engel, A.W. *see* Davidson, J.N. 1-41242
- Engel, F.C., Minushkin, B., Atkins, R.J., Markley, R.A. Characterization of heat transfer and temperature distributions in an electrically heated model of an LMFBR blanket assembly 1-23736
- Engel, F.C., Minushkin, B., Markley, R.A. Comparisons of design code predictions with LMFBR blanket heat transfer test results 1-50745
- Engel, G. On rhodium phosphate RhPO_4 and also rutile-structure rhodium arsenate RhAsO_4 1-52121
- Engel, J., Jr. Respiration-linked 'limbic spindles': vibration artifact recorded from nasopharyngeal and intracerebral electrodes 1-17508
- Engel, J., Jr. *see* Lieb, J.P. 1-26888
- Engel, J.J. Quantitative prediction of the development of texture in aluminium sheet in the course of a simple traction experiment 1-48360
- Engel, J.J., Pernot, M., Penelle, R. Quantitative prediction of texture evolution of aluminium during tensile strain. Comparison with experimental orientation distribution function 1-21481
- Engel, J.P. *see* Erriques, O. 1-23490
- Engel, T. *see* Bonczek, F. 1-2826
- Engel, W. *see* Hoth, S. 1-52536
- Engel-Herbert, H. *see* Ebeling, W. 1-27877
- Engelbertink, G.A.P. *see* Aarts, H.J.M. 1-23931
- Engelbertink, G.A.P. *see* Scherpenzeel, D.E.C. 1-23599
- Engelbrecht, J. On theory of pulse transmission in a nerve fibre 1-43862
- Engelbrecht, J. *see* Jeffrey, A. 1-27795
- Engelder, T., Geiser, P. On the use of regional joint sets as trajectories of paleostress fields during the development of the Appalachian plateau, New York 1-27115
- Engelen, J. *see* Mazzucato, M. 1-50462
- Engelen, P. *see* van Engelen, P.
- Engelhardt, H., Kelleter, H. Ending the nuclear controversy by high-temperature reactors? 1-37007
- Engelhardt, U. *see* Manzel, K. 1-41383
- Engelhardt, W. Traversing Saturn's planetary system 1-44488
- Engelhardt, W. *see* Niedermeyer, H. 1-25040
- Engelhardt, W. *see* von Engenhardt, W.
- Engelke, F. *see* Breford, E.J. 1-6299
- Engelke, F. *see* Caldwell, C.D. 1-29019
- Engelken, R.D. *see* Boone, J.L. 1-35661
- Engel'ko, V.I. *see* Burtsev, V.A. 1-970
- Engel'ko, V.I. *see* Roife, I.M. 1-51996
- Engell, H.-J. *see* Reutner, P. 1-43315, 1-48322
- Engelman, D.M., Zaccari, G. Bacteriorhodopsin is an inside-out protein 1-53754
- Engelman, M. *see* Bercovier, M. 1-8894
- Engelmann, F. *see* Bornatici, M. 1-19876, 1-46882
- Engelmann, F. *see* Brandt, B. 1-50921
- Engelmann, J. *see* Berndt, K. 1-3538
- Engelmann, P., Krings, F. Development of high temperature reactors in Federal Republic of Germany 1-877
- Engelmann, R. *see* Hanlon, J. 1-18464
- Engelmann, R. *see* Kitagaki, T. 1-18467
- Engelmann, R.W.H. *see* Karpas, D. Leaky modes in active three-layer slab waveguides 1-19423
- Engelmann, R.W.H. *see* Ackley, D.E. 1-41694, 1-41749
- Engeln, I., Meissner, M. Heat capacity of a polydiacetylene single crystal from 3 to 300K 1-52310
- Engels, A.C. *see* Zoetelief, J. 1-23864
- Engels, J., Dabkowski, J., Schilling, K. Perturbative vs. non-perturbative scaling violation in quark fragmentation 1-5601
- Engels, J., Montvay, I. Strong coupling $1/N_c$ expansion in the gluonic sector of lattice quantum chromodynamics 1-5582
- Engels, J., Montvay, I. Strong coupling $1/N_c$ expansion in the gluonic sector of lattice QCD: The next order 1-18385
- Engels, J. *see* Baier, R. 1-18527
- Engels, J.D., Pollock, S.M., Clark, J.A. Observations on the statistical nature of terrestrial irradiation 1-53563
- Engel'sht, V.S. *see* Gurovich, V.Ts. 1-15603
- Engen, G.F. *see* Hoer, C.A. 1-22179
- Engen, G.R. *see* Helmlinger, D.V. 1-53989
- Engen, P.G. *see* van Engen, P.G.
- Engfer, R. *see* Pruys, J.S. 1-50659
- Engholm, B.A. Radiation shielding design considerations for Doublet III 1-18885
- Engi, D., Chapman, L.D., Grant, F.H., Polito, J. A combined SAFE/SNAP approach to safeguards evaluation 1-14614
- Engin, A.E. On the biomechanics of the shoulder complex 1-4312
- Engin, A.E., Peindl, R.D., Varadan, V.V., Varadan, V.K. On the application of wave scattering theory for the diagnosis of muscle diseases 1-49084
- Engin, A.E. *see* Akkas, N. 1-37836
- Engin, R. Blisters in He^+ ion implanted Nb-1% Zr alloy 1-34377
- England, C., Funk, J.E. Reduced product yield in chemical processes by second law effects 1-17089
- England, J.B.A., Ophel, T.R., Johnston, A., Zeller, A.F. The $^{54}\text{Fe}(d,t)^{53}\text{Fe}$ reaction and the neutron configuration in ^{54}Fe 1-18564
- England, J.B.A. *see* Bhowmik, R.K. 1-50647
- England, J.B.A. *see* John, P. 1-39127
- England, J.B.A. *see* Morrison, G.C. 1-45520
- England, J.B.A. *see* Tait, N.R.S. 1-21817
- England, T.R., Schenter, R.E., Rider, B.F., Liaw, J.R. Status of ENDF-B-V fission yields 1-50751
- England, T.R. *see* George, D.C. 1-50966
- England, T.R. *see* Wilson, W.B. 1-18821
- England, W.A., Cross, M.G., Hamnett, A., Wiseman, P.J., Goodenough, J.B. Fast proton conduction in inorganic ion-exchange compounds 1-7380
- England, W.B. Ab initio study of CaO. The importance of atomic correlation and a bondlength question 1-28856
- Englander, S.W., Kallenbach, N.R., Heeger, A.J., Krumhansl, J.A., Litwin, S. Soliton-like states for opening in polynucleotide double helices 1-39876
- Englar, T.S. *see* Kahn, W.D. 1-17692
- Engle, E., Lott, A.S. Man in flight. Biomedical achievements in aerospace 1-5033
- Engle, W.W., Jr. The methods and applications of discrete ordinates in low-energy neutron-photon transport (ANISN, DOT). I. Methods 1-18181
- Engle, W.W., Jr. The methods and applications of discrete ordinates in low energy neutron-photon transport (ANISN, DOT). II. Applications 1-18183
- Engle, W.W., Jr. Cross section processing codes and data bases (AMPX) 1-18992
- Engleman, R., Jr., Keller, R.A. Optogalvanic double-resonance spectroscopy. Experimental observations 1-10023
- Engler, A. *see* Cho, Y. 1-33184
- Engler, A. *see* Derrick, M. 1-45261
- Engler, A. *see* DiBianca, F.A. 1-45343
- Engler, A. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Engler, D.R. Solvent extraction design improvement and safeguards development 1-18862
- Engler, E.M. *see* Chaikin, P.M. 1-20712
- Engler, E.M. *see* Gayathri Devi, K.R. 1-45957
- Engler, E.M. *see* Greene, R.J. 1-16401
- Engler, E.M. *see* Wong, T.C. 1-7961
- Engler, R., Muller, H.-J. Elastic waves in cracked rock under uniaxial loading 1-40068
- Engler, R. *see* Sharif, A. 1-27032
- Engler, R. *see* Wagner, F.C. 1-40071
- Englert, B.-G. Quantization of the radiation-damped harmonic oscillator 1-27802
- Englert, B.-G. *see* Dittrich, W. 1-50313
- Englert, F. *see* Brout, R. 1-9748, 1-44684
- Englert, T. *see* Klitzing, K.V. 1-52639
- Englert, Th., Landwehr, G., Pontcharra, J., Dorda, G. Inversion layers in silicon on insulating substrates [Magnetoeconductance oscillations] 1-12205
- Englert, Th. *see* Eaves, L. 1-48139
- Englert, Th. *see* von Klitzing, K. 1-38857
- Englisch, W. *see* Boscher, J. 1-21969
- English, A.D., Sleight, A.W., Fourquet, J.L., De Pape, R. ^{205}Tl and ^{19}F NMR study of ionic motion and structure in a series of thallium pyrochloro ionic conductors 1-30460
- English, C.A., Jenkins, M.L. Characterization of displacement cascade damage produced in Cu_3Au by fast-particle irradiation 1-42428
- English, D.T., Sutton, R.D. Long-term emergency recovery planning - a needed next step 1-41211
- English, J.H. *see* Bondybe, V.E. 1-4107, 1-6237, 1-14904, 1-19128, 1-37249, 1-51182
- Engquist, B. Inverse imaging methods in exploration seismology 1-9294
- Engsber, M. Unconventional methods of storing natural gas 1-13180
- Engster, C. *see* Calveti, M. 1-14778
- Engster, C. *see* Eggert, K. 1-14753

- Engstrom, L., Jupen, C., Denne, B., Huld, S., Wang Tai Meng, Kaijser, P., Ekberg, J.O., Litzen, U., Martinson, I. Transition probabilities for allowed and forbidden transitions from the $1s2p^2P$ levels in He-like OVII and FVII 1-37159
- Engstrom, H. Infrared reflectivity and transmissivity of boron-implanted, laser-annealed silicon 1-12487
- Engstrom, H., Wang, J.C. Automated multifrequency measurements of the complex impedance of fast ion conductors 1-33008
- Engstrom, H. see Lomenzo, J. 1-3442
- Engstrom, L., Berggren, K.-F. Quantisation of electron states in a two-dimensional GaAs impurity band at low carrier concentrations 1-30659
- Engstrom, L. see Andresen, B. 1-46095
- Enguang Zhao see Wong, S.S.M. 1-49498
- Engvall, J., Greenberg, S.D., Spjut, H.J., Estrada, R., Subach, J., Kinzey, S.L., King, J.F., DiTrapani, P.M. Development of a mathematical model to analyze color and density as discriminant features for pulmonary squamous epithelial cells 1-35739
- Engvold, O. Thermodynamic models and fine structure of prominences 1-4856
- Engvold, O., Wohl, H., Brault, J.W. Identification of the CRH molecule in a sunspot spectrum 1-9456
- Enikeeva, G.R., Andreev, N.K., Zaripov, M.R., Brutatovs, A.G. Magnetic relaxation of water protons adsorbed on the kaolinite surface 1-31056
- Enkelmann, V. Solid-state polymerization techniques 1-21417
- Enkelmann, V. see Lochner, K. 1-52598
- Enkovskii, L.L., Martynov, E.S., Chikovani, Z.E. Automodely of inclusive spectrum in dual models 1-40975
- Enmark, T., Parasinis, D.S. Ambiguity in gravity interpretation and the deep structure of the Jörn-Bastutrask area of the Skellefte field in northern Sweden 1-22182
- Ennenberg, M.G. see Mikhailov, V.A. 1-39995
- Enninghorst, R. see Monch, W. 1-16174, 1-38838
- Ennis, C.A. see Cook, J.-E.L. 1-42425
- Ennis, D.J. see Jones, T.W. 1-54646
- Enns, D.J., Brodie, D.E. Some electrical properties of amorphous Cd_3As_2 1-20720
- Enns, R.H., Guenther, D.B., Rangnekar, S.S. An application of the inverse scattering method to the 3-wave interaction in nonlinear optics 1-6605
- Enns, R.H., Rangnekar, S.S. An application of the ISTM to asymptotic laser pulse scattering 1-41784
- Eno, L. see Balint-Kurti, G.G. 1-1310
- Eno, L. see Eslava, L.A. 1-37298
- Enoch, J.M., Birch, D.G., Birch, E.E., Benedetto, M. Alteration in directional sensitivity of the retina by monocular occlusion 1-35782
- Enoki, T. see Kubota, R. 1-42831
- Enol'skii, V.Z. see Davydov, A.S. 1-29158
- Enomoto, M. see Kunio, T. 1-8409
- Enomoto, Y., Tabor, D. The frictional anisotropy of diamond 1-31673
- Enomoto, Y., Tsuya, Y., Yaguchi, G., Ohkami, T., Takagi, R. Frictional properties of ion-plated gold and gold-molybdenum films in vacuum at elevated temperatures 1-12878
- Enos, J.F. see Sedlak, J.M. 1-43669
- Enosh, M., Kovetz, A. Weak circulation theorems as a way of distinguishing between generalized gravitation theories 1-40690
- Enoto, T. see Himeno, S. 1-15615
- Enoto, T. see Yasutomo, Y. 1-46926
- Enpuku, K., Yoshida, K., Hamasaki, K., Irie, F. Effects of microstrokes on current-voltage characteristics of Josephson tunnel junctions 1-42911
- Enpuku, K., Yoshida, K., Irie, F., Hamasaki, K. Vortex motion modulated by a self field in a large Josephson junction 1-7776
- Enqvist, K. Quark interpretation of the combinatorial hierarchy 1-36854
- Enqvist, K., Maalampi, J. Breaking of the SO(n) symmetry with vector and adjoint Higgses 1-10105
- Enqvist, K. see Maalampi, J. 1-18416
- Enright, G.D. see Burgess, M.D.J. 1-51991
- Enright, G.D. see Marjoribanks, R.S. 1-25012
- Enright, J.T. Temporal precision in circadian systems: a reliable neuronal clock from unreliable components? 1-43863
- Enright, M.C. see Reed, S.J.B. 1-36230
- Enrst, R.R. see Burum, D.P. 1-316
- Encore, D.J., Hopfenberg, H.B., Stannett, V.T. Diffusion, swelling, and consolidation in glassy polystyrene microspheres 1-30568
- Ensell, G.J., Simons, H.A.B. An attempt to restrict the active area of a silicon surface barrier detector 1-45780
- Ensell, G.J., Simons, H.A.B. An investigation of the active area of a small semiconductor particle detector 1-45781
- Ensinger, D.A. Risk comparison for transportation, handling, and storage of high-level waste 1-41204
- Ensinger, R.L. see Smith, R.C. 1-18281
- Ess, V., Simon, B. Finite total cross-sections in nonrelativistic quantum mechanics 1-85
- Esslen, K., Oesterreicher, H., Bucher, E. On the structure of $CaNi_2H_2$ 1-52109
- Entel, P., Matschke, M. On the electrical resistivity in intermediate valence compounds arising from electron-phonon scattering 1-25683
- Entel, P. see Grewe, N. 1-30685
- Entenmann, W., Granzer, W., Muller, E., Schmidt, E. A new telemetry system for measuring the pH value 1-17526
- Enter, A.C.D. van see van Enter, A.C.D.
- Enterlein, G. see Eichler, H.J. 1-19374
- Entin, R.I. see Kogan, L.I. 1-31456
- Entin-Wohlman, O. Effect of microwave radiation on tunneling between superconductors 1-25838
- Entin-Wohlman, O. Comment on the observation of order-parameter enhancement by a change in the magnetic flux 1-52689
- Entin-Wohlman, O., Orbach, R. Generation of charge imbalance in a superconductor by a temperature gradient 1-20913
- Entin-Wohlman, O. see Deutscher, G. 1-20932
- Enting, I.G. Universality in a generalised Potts model 1-5260
- Enting, I.G. Generating functions for enumerating self-avoiding rings on the square lattice 1-18168
- Enting, I.G., Baxter, R.J. An investigation of the high-field series expansions for the square lattice Ising model 1-20991
- Entinon, I.R. see Vinetskii, V.L. 1-2435
- Entman, M.L. see Michael, L.H. 1-4252
- Entov, V.M., Kestenboim, Kh.S., Rozhkov, A.N., Sharchevich, L.I. Dynamic equilibrium shape of a film of viscous or viscoelastic liquid 1-51837
- Entringer, M. see Rault, D. 1-11888
- Enyakov, A.M., Isac, L.K., Feshchenko, L.P. Optimizing parameters of a transducer-amplifier system for minimum self-noise [of cylindrical hydrophones] 1-24644
- Enz, C.P. Isotope effect in weak itinerant ferromagnets: A reply 1-3205
- Enz, C.P. Perturbative analysis of the convection instability 1-40732
- Enz, C.P., Matthias, B.T. Analogies between antiferromagnets and antiferroelectrics 1-8007
- Enz, C.P., Stewart, G.R. Phason interpretation of the specific heat anomaly in $TiBe_{2-x}Cu_x$ 1-12328
- Enz, U. On the fine structure constant 1-18461
- Enzinna, R.S., Weaver, W.W., Dorman, R.W. Auxiliary feedwater reliability analyses for plants with B&W-designed NSSS 1-5927
- Enzo, S. see Fagherazzi, G. 1-20029
- Eom, H. see Tan, H.S. 1-29189
- Epain, R., Bocquillon, C., Lories-Susse, C., Lories, J. High temperature-high pressure studies in a sliding anvil apparatus 1-28004
- Epaneshnikov, V.D., Stukov, O.I. Transport of π^+ mesons through scintillation-counter telescope 1-1046
- Epel, L.G., Guppy, J.G. Verification of the SSC-L code for FFTF transients 1-5959
- Epelboin, I., Froment, M., Garreau, M., Thevenin, J., Warin, D. Behavior of secondary lithium and aluminum-lithium electrodes in propylene carbonate 1-21869
- Epelboin, Y. A varying-step algorithm for the numerical integration of Takagi-Taupin equations 1-34352
- Epelboin, Y. Interpretation of X-ray topography 1-42265
- Epelboin, Y. see Riglet, P. 1-11756
- Eperin, A.P. see Sedov, V.M. 1-28597
- Epherre, M. see Campi, J. 1-23558
- Epifanov, A.S. see Gomelaui, G.V. 1-34987
- Epifanov, V.P. see Voronina, I.Yu. 1-19532
- Epifanov, Yu.N. see Bakhorin, V.A. 1-37519
- Epifanova, K.I. see Zinov'ev, V.E. 1-11816
- Epik, E.Ya. see Dyban, R.E.P. 1-2085
- Epikhin, V.E. On the shapes of swirling annular jets of a liquid 1-19771
- Epikretova, L.E. see Vilisov, A.A. 1-42652
- Eponeshnikov, V.N. see Adishev, Yu.N. 1-2547
- Epop, M.I. see Tabarovskii, L.A. 1-40232
- Epp, V.Ya. see Nikitin, M.M. 1-10896
- Eppel, D. see Hauser, J. 1-35997
- Eppeldauer, G., Kantor, K., Lanc, J., Nemeth, K., Schanda, J. Automatic measurement of light distributions 1-28053
- Eppenstein, W., Maleki, S. Magnetic hysteresis on the overhead projector 1-27756
- Epperlein, J., Muller, H.J. Investigation into a silver halide photographic process with the object of achieving a mole per mole developing reaction 1-13026
- Epperlein, J. see Mustroph, H. 1-15240
- Epperson, J.E. see Ortiz, C. 1-2291
- Eppinger, E.V., Halnan, W.K., Boone, D.H. Hot corrosion evaluation of Co-Cr-Al coatings modified by active elements 1-31761
- Eppler, R., Fasel, H. (editor) Laminar-Turbulent Transition. International Union of Theoretical and Applied Mechanics Symposium 1-36458
- Epprecht, W. see Hauenstein, R. 1-52140
- Epps, E. see Butler, D. 1-17858
- Epstein, A. A generalized problem of the shelf-similar turbulent vortex ring 1-24821
- Epstein, A.M. see Dem'yanov, V.A. 1-21802
- Epstein, E.M. Photostimulated Hall effect in a longitudinal magnetic field 1-38799
- Epstein, E.M. Photostimulated acoustomagnetic-electric effect in a longitudinal magnetic field 1-42829
- Epstein, G.N. see Mardany, M.G. 1-16986
- Epstein, L.E. see Krizhtal, M.A. 1-42455
- Epstein, A.J., Gibson, H.W., Chaikin, P.M., Clark, W.G., Gruner, G. Frequency and electric field dependence of the conductivity of metallic polyacetylene 1-30730
- Epstein, A.J., Miller, J.S. Two-band conductors with variable band filling: probing the properties of quasi-one-dimensional materials 1-52465
- Epstein, A.J. see Coppens, P. 1-2410
- Epstein, B.G., Poukey, J.W. Analytic study of azimuthal asymmetries in relativistic hollow e-beams 1-1477
- Epstein, E.E., Landau, R., Rather, J.D.G. Extragalactic radio sources: rapid variability at 90 GHz 1-22909
- Epstein, H.M. see Mallozzi, P.J. 1-45892
- Epstein, L.I. Dichroic filters: a simple design 1-46537
- Epstein, M. Endoscopy: developments in optical instrumentation 1-49093
- Epstein, M., Cheung, F.B., Chawla, T.C., Hauser, G.M. Effective thermal conductivity for combined convection-radiation heat transfer in a molten oxide fuel layer 1-45691
- Epstein, M., Petrie, D.J., Linehan, J.H., Lambert, G.A., Cho, D.H. Hydrodynamic aspects of stratification and mixture within boiling immiscible mixtures 1-5972
- Epstein, M., Stachyra, L.J., Lambert, G.A. Transient solidification in flow into a rod bundle 1-25411
- Epstein, M., Swedish, M.J., Linehan, J.H., Lambert, G.A., Hauser, G.M., Stachyra, L.J. Simultaneous melting and freezing in the impingement region of a liquid jet 1-42515
- Epstein, M. see Farhadieh, R. 1-50824
- Epstein, M. see Jones, S.W. 1-45690
- Epstein, M. see Petrie, D.J. 1-10485
- Epstein, M.A. Farrell see Farrell Epstein, M.A.
- Epstein, R., Shapiro, I.I. Post-post-Newtonian deflection of light by the Sun 1-23070
- Epstein, R. see Urano, M. 1-17352
- Epstein, R.I. The acceleration of interstellar grains and the composition of the cosmic rays 1-27348
- Epstein, R.I., Pethick, C.J. Lepton loss and entropy generation in stellar collapse 1-54473
- Epstein, R.I., Pethick, C.J. Stellar collapse and supernova explosions 1-54529
- Epstein, R.I. see Fransson, C. 1-44395
- Epstein, S., Davidovich, V. Wide-range fast digital meters for measuring complex impedances 1-27963
- Epstein, S.T. The canonical momentum is measurable in any gauge 1-5120
- Epstein, S.T. Constraints and the Hellmann-Feynman theorem 1-14044
- Epton, R., Goddard, P. Gel phase ^{13}C NMR spectroscopy as an analytical method in solid (gel) phase peptide synthesis 1-45992
- Epworth, R.W. see Bosch, M.A. 1-3462
- Er-xiong Jiang see Jiang Er-xiong
- Era, K. see Minami, F. 1-24417
- Eraker, J.H. see Chenette, D.L. 1-40394
- Eranen, S. see Kuivalainen, P. 1-12123
- Eranen, S. see Sinkkonen, J. 1-47890
- Eranosyan, G.M. see Bukin, L.A. 1-12528
- Erata, T. see Nagasawa, H. 1-47961
- Erb, K.A. The new spectroscopy of heavy-ion resonances 1-10369
- Erb, W. Computer-controlled gonireflectometer for the measurement of spectral reflection characteristics 1-18282
- Erb, W. see Krystek, M. 1-5355, 1-53787
- Erba, E. Gadioli see Gadioli Erba, E.
- Erbe, D. see Hinterberger, F. 1-36934
- Erbudak, M., Meier, F. Spin polarized optical density studies of cubic uranium compounds 1-47468
- Erchak, D.P., Osika, V.A., Stelmakh, V.F., Tkachev, V.D. Electron spin resonance in neutron-irradiated n-type germanium 1-26015
- Erchang Shang see Shang Erchang
- Erculiani Abati, L. Clustering of blue objects 1-40563
- Erd, R.C. see Clark, J.R. 1-15856
- Erdeheim, G. see Venkatesan, S. 1-35051
- Erdi, B., Presler, W.H. On long-periodic perturbations of Trojan asteroids 1-36208
- Erdman, P.W. see Barnett, B.M. 1-23557
- Erdman, P.W., Espy, P.J., Zipf, E.C. A laboratory study of the $\lambda 2145$ Å auroral mystery feature 1-22566
- Erdman, R. Accurate ways to measure low currents 1-40819
- Erdmann, R.C. see Burns, E.T. 1-14673
- Erdos, J.A. see Aiken, J.G. 1-28841

- Erdoş, P., Solt, G., Zolnierick, Z., Blaise, A., Fournier, J.M. Magnetic susceptibility and the phase transition of NiO_2 1-47842
- Erdoş, P., Solt, G. 1-20686, 1-25220, 1-47591
- Eremeeva, E.P. see Al'perovich, M.A. 1-8588
- Eremeeva, E.P. see Emel'yanov, G.M. 1-15231
- Eremenko, B.V., Sergienko, Z.A. Adsorption of polyoxyethylene from aqueous methanol solutions and its influence on the electrokinetic potential and surface charge of silica 1-39649
- Eremenko, V.N., Batalin, V.G., Buyanov, Yu.I., Obushenko, I.M. Constitution diagram of the gadolinium-germanium system 1-31425
- Eremenko, V.N., Obushenko, I.M., Buyanov, Yu.I. Phase diagram for the holmium-germanium system 1-16757
- Eremenko, V.V. see Naumenko, V.M. 1-3164
- Eremenko, V.V. see Novikov, V.P. 1-48038
- Eremich, A.N. On the relationship of the 'encore' theory of viscoplasticity to the Kadashevich-Novozhilov theories 1-51705
- Eremia, A.V., Kulikovskii, A.A., Naboko, I.M. Mechanism of the excitation of sodium in vibrationally nonequilibrium nitrogen 1-41479
- Eremia, A.V., Naboko, I.N. Spurious light-amplification effect in a shock-heated jet 1-34033
- Eremia, E.A., Kolesnikov, A.K. Convective stability of a horizontal layer of chemically active liquid in the presence of transverse flow of reactant 1-42104
- Eremia, M.V., Rakitin, Yu.V. Kinetic exchange at low charge transfer energies 1-38924
- Eremia, V.I. see Parkhomenko, T.A. 1-2458
- Eremia, Yu.I. see Ostrovskii, L.S. 1-17003
- Eremina, N.I., Kryukova, S.V., Bondar', V.V. Dependence of relative abrasion hardness of optical glasses on their microhardness 1-24467
- Eremko, A.A., Sergienko, A.S. Soliton excitations of α -helical protein molecules 1-33586
- Eremshin, V.F. see Klekovin, V.A. 1-27273
- Erenburg, A.I. see Krupskii, I.N. 1-2659
- Erens, P.J., Kroger, D.G. Measurement of sodium vapour pressure using sodium as manometer fluid 1-23716
- Erents, S.K., Hotston, E.S., McCracken, G.M., Sofield, C.J., Shea, J. Time resolved and time integrated measurement of deuterium ion fluxes and energies in the dte Tokamak, using carbon probes 1-25056
- Erents, S.K. see Goodall, D.H.J. 1-29908
- Erents, S.K. see Navinsek, B. 1-25336
- Erents, S.K. see Underwood, M.C. 1-26333
- Erez, G. see Livnat, A. 1-9266
- Erez, G. see Shuker, R. 1-38155
- Erez, G. see Tenenbaum, J. 1-51456
- Ergakov, V.A. see Beketov, G.V. 1-23513
- Ergakov, V.A. see Blinov, A.V. 1-23665
- Ergardt, V.N. An optimization of VLBI measurement programs 1-13700
- Erglis, K.E. Spatial errors and resolution of nearby tracks during parallel tracking in terms of images on photographic frames 1-51035
- Erglis, K.E. Simulation of spatial tracking in a large bubble chamber 1-51036
- Ergma, E.V., Kudryashov, A.D. Numerical models of hydrogen and helium burning flashes on the surface of neutron stars 1-4934
- Ergma, E.V. see Kudryashov, A.D. 1-22828
- Ergun, S. see Schiefelbein, G.F. 1-35668
- Erickson, J.L. Variations on a bifurcation theorem by Poincaré 1-9960
- Erickson, D.J. see Caird, R.S. 1-33018
- Erickson, G.J., Sando, K.M. Molecular-dynamics simulation of pressure broadening of sodium resonance line by argon 1-1183
- Erickson, G.M., Wolf, R.A. Is steady convection possible in the Earth's magnetotail? 1-36108
- Erickson, K.N., Winkler, J.R. Particle flux decrease-increase events at synchronous orbit and the temporal sequence of aurora during substorms 1-4674
- Erickson, L.E. see Sharma, K.K. 1-43041
- Erickson, M.D. Application of a search system and vapor-phase library to spectral identification problems 1-53495
- Erickson, R. see Drews, G. 1-10229
- Erickson, W.C. see Fisher, J.R. 1-49834
- Erickson, L.E. Karman vortex shedding and the effect of body motion 1-19723
- Erickson, T. see Annersten, H. 1-21090
- Erickson, T. see Chandra, R. 1-26087
- Erickson, T. see Tan Kai, A. 1-11719
- Eriguchi, Y. Rapidly rotating and fully general relativistic polytropes 1-54478
- Erikson, M. see Hatteland, K. 1-32216
- Erikson, T.E. see Samokov, P.O. 1-31880
- Eriksson, K.M. see Vizbaraitė, J.J. 1-19058
- Erikson, M., Lauritzen, S., Ryen, N. Backscatter attenuation measurements in graded index fibres 1-19441
- Eriksson, M., Mickelson, A.R., Andersen-Gott, T. Backscattering signatures from graded-index fibres with diameter variations 1-46562
- Eriksson, A.J. Lightning striking distances—an analytical study 1-17680
- Eriksson, L.-E., Datta, A. Fiber optic systems: logic development 1-1700
- Eriksson, P.E. see Persson, T. 1-25479
- Eringen, A.C. see Speziale, C.G. 1-19682
- Eristavi, G.L. see Gerasimov, A.V. 1-30283
- Eristyan, G.N. see Brailovskii, E.Yu. 1-38812
- Eritenko, A.N. see Volkov, V.F. 1-21806
- Eritsyan, H.N., Saakyan, V.H. The effect of electron irradiation on n-InP 1-38407
- Eritsyan, O.S. see Arakelyan, S.M. 1-8035
- Erjushin, N.N. see Bachurin, A.F. 1-17810
- Erk, W. Van see Van Erk, W.
- Erkkila, B.H., Marshall, R.S. A thermal neutron coincidence counting system 1-1045
- Erkkila, J.H. Incident-wave expansion for laser coupling to spherical targets 1-51534
- Erko, A.I. see Aristov, V.V. 1-6512
- Erkoc, S., Murrell, J.N. Quantum mechanical calculations of vibrational transition probabilities in collinear atom-triatom collisions 1-51279
- Erlandsson, B., Hakanson, H., Ivarsson, A., Nilsson, P. The difference in protection efficiency between earplugs and earmuffs. An investigation performed at a workplace 1-44030
- Erlandsson, B., Lyttkens, J., Nilson, K., Marcinkowski, A. Low spin states in ^{64}Zn and ^{66}Zn 1-10324
- Erlandsson, B., Nilson, K., Marcinkowski, A. Gamma-ray strength function measurement for ^{63}Cu 1-5727
- Erlebach, W. see Schreier, H. 1-17637
- Erlie, H.-J. see Weissmantel, C. 1-12671
- Erlie, K., Wenke, L., Schreiber, W. Calculation of hologram interferometers of best possible conditioning 1-44262
- Erlie, K. see Wenke, L. 1-23292
- Ermachenkov, V.M. see Vdovin, Yu.A. 1-51443
- Ermachenkov, V.A. see Ostrovskii, O.I. 1-20694
- Ermak, D.L., Nyholm, R.A., Gudiksen, P.H. Potential air quality impacts of large-scale geothermal energy development in the Imperial Valley 1-39853
- Ermakov, A.E. see Tsurin, V.A. 1-43042
- Ermakov, B.A., Polyakov, M.I., Khankov, S.I. Changing the energy parameters of a laser by heating the quartz bulb of the pumping lamp 1-41715
- Ermakov, B.A. see Balashov, I.F. 1-11006
- Ermakov, S.A., Pelinovskii, E.N., Talipova, T.G. Influence of surface-active material films upon spectral changes in wind ripple produced by internal waves 1-44211
- Ermakov, S.I. see Vernov, S.N. 1-4731
- Ermakov, V.I. see Strunina, A.G. 1-13008
- Ermakov, V.L. see Gubaidulin, F.F. 1-26069
- Ermakov, V.N., Kronshveksii, I.N., Nitovich, V.M. Excitonic absorption spectra in strongly doped semiconductor crystals 1-43149
- Ermakov, V.N. see Khandozhko, A.G. 1-40831
- Ermakova, M.V. see Eliseev, P.G. 1-5273
- Erman, P., Larsson, M. Large enhancements of electron impact produced OH A-X emission in the presence of certain catalyzer gases 1-4113
- Erman, P. see Bergeman, T. 1-29040, 1-46029
- Ermi, A.M. see Foulds, J.R. 1-12805
- Ermi, A.M. see Mervyn, D.A. 1-4042
- Ermlia, K.K. see Baryshnikova, L.F. 1-52227
- Ermlia, V.N. see Khukhrayanskii, Yu.P. 1-52041
- Ernilova, D.I. see Boos, E.G. 1-5661
- Ernilova, N.N. see Chetkin, M.V. 1-25977
- Ernisch, W. see Siche, D. 1-42585
- Ernler, W.C., McLean, A.D. The effects of basis set quality and configuration mixing in ab initio calculations of the ionization potentials of the nitrogen molecule 1-1124
- Ermolaev, A.M. Linear increase of magnetoresistance of metals in strong fields 1-2946
- Ermolaev, O.P. see Dobrego, V.P. 1-20262
- Ermolaev, V.L. see Baranov, A.V. 1-24157
- Ermolaev, Yu.I. see Vaisberg, O.L. 1-9340
- Ermolaeva, I.V. see Chernozatonskii, L.A. 1-20540
- Ermolenko, A.S. Magnetocrystalline anisotropy of $\text{Y}_{1-x}\text{Gd}_x\text{Co}_2$ compounds 1-25926
- Ermolenko, A.S. Magnetic properties of $\text{Y}_{1-x}\text{Nd}_x\text{Co}_2$ alloys 1-30976
- Ermolenko, A.S., Rozhda, A.F. Orientation phase transformations in $\text{Sm}_{1-x}\text{Nd}_x\text{Co}_2$ alloys 1-38931
- Ermolenko, G.I. see Belyi, M.U. 1-3446
- Ermolenko, V.M. Effect of the parameters of orthotropy on the spectrum in problems of vibrations of shells 1-44765
- Ermolov, I.N. see Lapin, Yu.V. 1-39572
- Ermolov, P.F. see Ammosov, V.V. 1-40980
- Ermolov, P.V. see Polyanskii, N.V. 1-13455
- Ermolov, A.F., Sigov, A.S. Behaviour of the impurity spin in an antiferromagnetic matrix in a zero exchange field 1-38929
- Ern, V. see Alonso, N. 1-35664
- Ern, V. see Fort, A. 1-7527
- Erne, D. see Lanter, F. 1-53493
- Erne, S.N., Lubbig, H. A solution of the Werthamer equation for superconducting tunneling junctions at vanishing temperature ($T=0$) 1-7781
- Erne, S.N., Parmentier, R.D. Microwave oscillators based on the resonant propagation of fluxons in long Josephson junctions 1-7783
- Erne, S.N., Parmentier, R.D. Microwave radiation from long Josephson tunnel junctions 1-52712
- Ernest Raj, P., Srirama Rao, M., Jogulu, C., Madhusudhana Rao, B. Study of nighttime vertical drifts in F-region over Waltair using phase-path technique 1-22611
- Ernesto, Nagai, Y. Response to comment on 'water drop experiment for introductory laboratory' 1-9809
- Ernie, D.W., Oskam, H.J. Energy-transfer processes in decaying helium-copper gaseous plasmas 1-25091
- Ernie, D.W., Oskam, H.J. Energy transfer processes in helium-copper afterglows 1-38189
- Erniyazov, Kh. see Dovletov, K. 1-47308
- Ernsberger, F.M. The role of molecular water in the diffusive transport of protons in glasses 1-20471
- Ernsberger, U. Promotion of European components for ESA projects 1-32594
- Ernst, A. Measuring units with air bearings for the quality control of linear and angular transducers 1-27948
- Ernst, E. Electron-stimulated field desorption of multiply charged rare-gas ions from tungsten surfaces 1-16671
- Ernst, E.A. see Takatani, S. 1-32220
- Ernst, G.J., Boer, A.G. Kinetic modelling of a self-sustained TEA CO_2 laser 1-15147
- Ernst, H., Hagn, E., Zech, E. Measurement of the sign and magnitude of the electric field gradients at Re and Os nuclei as impurities in a hexagonal Lu single crystal 1-12081
- Ernst, J. see Bissem, H.H. 1-5766
- Ernst, K., Hoffman, J.H. Oscillatory evolution of laser-induced aerosol in CS_2 vapour 1-8619
- Ernst, L. see Wray, V. 1-14936
- Ernst, L.J. A finite element approach to shell problems 1-6767
- Ernst, M.H., Hendriks, E.M. Kinetic equations with soluble moment equations 1-40735
- Ernst, M.H., Hendriks, E.M. Interrelations between soluble model Boltzmann equations 1-40736
- Ernst, P. Economic use of geothermal hot water 1-13079
- Ernst, R.R. see Linder, M. 1-38991
- Ernst, R.R. see Macura, S. 1-10003
- Ernst, R.R. see Minoretti, A. 1-14153
- Ernst, R.R. see Nagayama, K. 1-19219
- Ernst, R.R. see Reinhold, M. 1-39009
- Ernst, S., Wacinski, M. Compressional and shear viscous processes in solutions of electrolytes in glycerol. II. Investigation of structural relaxation in solutions of KCl and NaBr in glycerol by ultrasonic longitudinal waves 1-42467
- Ernst, S. see Gordon, J.G. II 1-35550
- Ernst, W.E., Tittel, F.K. Gain studies of electron beam excited XeF laser mixtures 1-1549
- Ernst, W.G. Mineral paragenesis in Franciscan metagraywackes of the Nacimiento block, a subduction complex of the southern California coast ranges 1-44183
- Ernsting, N.P., Pfab, J., Green, J.C., Romelt, J. Photoelectron spectra of nitrosomethane, nitrobutane and some perhalogenonitrosomethanes 1-10783
- Erofeev, A.I. see Gorelov, S.L. 1-19755
- Erofeev, V.N., Tatarchenko, V.A. The effect of the solidification front shape on crystal perfection 1-7100
- Erofeeva, I.N. see Abdrakhmanov, E.O. 1-722
- Erofeeva, S.A. see Abrosimov, N.V. 1-31335
- Erofeeva, S.A. see Shi, J. 1-30113
- Eroglu, A. see Moyer, C.A. 1-7583
- Erokhin, A.A., Zverev, S.A., Kologrivov, A.A., Kushin, V.V., Lyapidevskii, V.K., Rupasov, A.A., Sklizkov, G.V., Shikanov, A.A. Continuous X-ray emission of a laser plasma from a shell target at flux densities $q \sim 10^{14}$ W/cm² 1-11601
- Erokhin, A.A. see Pich, I.I. 1-16020
- Erokhin, A.A. see Rykalkin, N.N. 1-2801
- Erokhin, A.A. see Verigin, A.M. 1-16033
- Erokhin, N.S., Moiseev, S.S., Shuklin, A.P. Some features of generation of the second harmonic of an electromagnetic wave in an inhomogeneous magnetoactive plasma 1-34086
- Erokhina, K.I. see Baktybaev, K. 1-23534
- Erol, O. see Kraft, J. 1-27164
- Eroschenko, E.A. see Belov, A.V. 1-36128
- Eroschenko, V.M., Zaichik, L.I. Longitudinal diffusion of an impurity in a pipe with permeable walls 1-46804
- Eroschenko, V.M., Zaichik, L.I., Rabovskii, V.B. Heat exchange in tubes with permeable walls in the presence of internal heat sources 1-46745
- Eroschenko, V.M., Zaichik, L.I., Yanovskii, L.S. Determining frictional resistance in channels during turbulent flow 1-15545
- Eroshov, M.E. Evaluation of energy resources economy in production of hydrogen from water via thermoelectrochemical reaction cycles 1-21941
- Erre, J.P. see Cazals, Y. 1-53795
- Errede, L.A., Martinucci, P.D. Flow rate of water through porous membranes as affected by surface modification on the low-pressure side of the membrane 1-53467
- Errede, S. see Ushida, N. 1-546

- Erriques, O., Fogli-Muciaccia, M.T., Natali, S., Nuzzo, S., Halsteinsd, A., Myklebost, K., Rognbakke, A., Bonetti, S., Cavalli, D., Pullia, A., Rollier, M., Engel, J.P., Guyonnet, J.L., Huss, D., Paty, M., Riester, J.L., Gamba, D., Marzari-Chiesa, A., Riccati, L., Romero, A., Bullock, F.W., Henderson, R.C.W., Jones, T.W. Experimental results on one-pion neutral current reaction in all channels induced by antineutrinos at CERN PS-1-23490
- Ersbor, A.S., Kazarin, A.Yu., Yakunin, V.G. Reconditioning the discharge tubes of He-Ne lasers 1-46372
- Ersbor, L.S., Zaleskii, V.Yu., Sokolov, V.N. Non-linear transmission of a photodissociating laser 1-29059
- Ersbor, N.N., Zakharov, N.G., Reiterov, V.M., Rodniyi, P.A. Spectral and kinetic studies of X-ray luminescence in MgF₂-Co single crystals 1-31184
- Ersbor, V.I. see Glazkov, V.I. 1-53374
- Ersbora, T.P., Korabiev, V.V., Morozov, Yu.A. Energy dependence of detachment depth of elastically reflected electrons 1-53026
- Erskine, D.J. see Gabor, J.D. 1-37928
- Erskine, F.T. see Kundu, M.R. 1-4861
- Erskine, J. see Smith, R.P. 1-45754
- Erskine, J.L. Surface states and the photoelectron-spin polarization of Ni(100) 1-16660
- Ersay, Y. Propagation of waves in magneto-thermoelastic solids subjected to a uniform magnetic field 1-24723
- Erssen, N.O. see Thomas, J.O. 1-30174
- Ert, D. see Aver'yanov, V.I. 1-39327
- Ertan, A.Y. see Ibanoglu, C. 1-9728
- Ertanova, O.N. see Bakrunov, A.O. 1-38025
- Ert, G. see Behm, R.J. 1-7457, 1-16183
- Ert, G. see Campbell, C.T. 1-35569
- Ert, G. see Conrad, H. 1-21315
- Ert, G. see Frenkel, F. 1-33497
- Erturk, E. see Steffens, H.-D. 1-21343
- Erturk, T. Measurement of bulk-formability, and the effect of second phase particles—an application of the upset test 1-39405
- Erukhimov, M.Sh. Influence of s-d or s-f hybridization on light absorption in extrinsic magnetic semiconductors 1-26249
- Ervanne, J. see Batyunga, B.V. 1-600
- Ervanne, J. see Bools, E.G. 1-5661
- Erven, J.H. see Cuttler, J.M. 1-10497
- Eryukhina, N.A., Chalenko, N.S. Measurement of force in Newtons (toward introduction of COMECON ST 1052-78) 1-5269
- Eryushan, N.N. see Bachurin, A.V. 1-32686
- Eryukhina, N.A., Murav'eva, V.V., Parfenova, V.P., Finger, M., Shpinel, V.S. Determination of the magnetic moment of ¹⁴⁷Eu 1-23560
- Esaki, L. see Chang, C.-A. 1-11987
- Esaki, L. see Chang, L.L. 1-2417, 1-7720, 1-47735
- Esaki, L. see Guldner, Y. 1-31131
- Esaki, L. see Mendez, E.E. 1-52916
- Esaki, L. see Saris, F.W. 1-38673
- Esaki, L. see Voisin, P. 1-52920
- Esaki, S. see Sekoguchi, K. 1-33870
- Esakia, S.M. see Darbaizis, Ya.Z. 1-28326
- Esashi, M. see Matsuo, T. 1-21819
- Esashi, M. see Shimada, K. 1-13337
- Esat, M.T. see Spear, R.H. 1-632
- Esaulov, V.A. Electron detachment and charge exchange in H⁺ scattering by atomic deuterium 1-10834
- Esbensen, H. Fusion and zero-point motions 1-36974
- Esbensen, H. see Broglia, R.A. 1-686, 1-14552, 1-23696
- Escaig, B., Bonneville, J. A new technique to study cross-slip in FCC crystals 1-11766
- Escaig, B. see Crampon, J. 1-39376
- Escaig, B. see Vanderschaeve, G. 1-12834
- Escalante, E. see Wolynec, S. 1-16952
- Escande, D.F. see de Genouillac, G.V. 1-54438
- Escanyé, J.M. see Robert, J. 1-8972
- Escarcena, L.A. see McKinney, R.D. 1-13343
- Esch, E.L. see Davies, J.H. 1-45609
- Eschbach, P.D., Stauffer, D., Herrmann, H.J. Correlation-length exponent in two-dimensional percolation and Potts model 1-32934
- Eschenauer, H., Gatzlaff, H., Kiedrowski, H.W. Development and optimisation of high-precision panel supporting structures [radiotelescopes] 1-9371
- Eschenbrenner, S., Dorel, J., Viode, J.-P. Seismic profiles of superficial structures in the Lesser Antilles. II. Martinique 1-4480
- Eschenfelder, A.H. Crystalline films for bubbles 1-30998
- Eschenfelder, A.H. Amorphous films for bubbles 1-30999
- Escher, C. Global stability analysis of open two-variable quadratic mass-action systems with elliptical limit cycles 1-35504
- Escher, J.S. see Saxena, R.R. 1-3628
- Eschner, H. Hard material powders and hard alloy powders for plasma surface coating 1-21617
- Eschner, H., Kilp, F., Mundinger, K., Kuhn, H., Stitz, O. Ceramic powders for plasma spraying 1-39234
- Eschner, U. see Terukov, E.I. 1-30794
- Eschrich, R. see Temmler, G. 1-26868
- Eschstruth, P. see Bizot, J.C. 1-10243
- Eschweiler, H. see Gehring, P. 1-18901
- Escobar, M.E., Baran, E.J. Force constants of the VO₄³⁻ ion in the zircon lattice 1-8081
- Escobar, D. see Cameron, D.G. 1-14184
- Escorne, M. see Godart, C. 1-26217
- Escudero, F. see Catalan, J. 1-24025
- Escudie, B. see Vicario, E. 1-16636
- Escudie, B. see Zakharia, M. 1-24605
- Esculpi, M. see Cosenza, M. 1-50000
- Eselevich, V.G., Fainshtein, V.G. Expansion of a collisionless plasma in vacuum 1-11526
- Esel'son, B.N., Rybalko, A.S., Sokolov, S.S. Mobility of surface electrons in liquid ⁴He and dilute ³He in ⁴He mixtures 1-2729
- Esel'son, B.N., Rybalko, A.S., Sokolov, S.S. A study of the liquid-crystal phase transition in the system of electrons localized at liquid helium surface 1-2730
- Esel'son, B.N. see Kovdrya, Yu.Z. 1-20490
- Esheby, J.D. The force on a disclination in a liquid crystal 1-11673
- Esherick, P. see Ouyang, A. 1-11045
- Esherick, P. see Valentini, J.J. 1-10019
- Eshman, P.F. see Kaun, T.D. 1-48822
- Esikov, N.P. see Fotiadi, E.E. 1-22550
- Esin, A. A method for correlating different types of fatigue curve 1-39421
- Esin, A. Prediction of the cyclic hardening stress-strain curve 1-42452
- Esin, F., Yilmaz, see Yilmaz, E. 1-17071
- Esin, O.Yu. see Buler, P.I. 1-17071
- Esin, V.O., Brodova, I.G., Pankin, G.N., Korshunov, I.P. Conditions of growth of twin dendrites during directional crystallisation of Al-Cu and Al-Zn alloys 1-25599
- Esin, V.O., Tarabaeu, L.P. Growth kinetics of monatomic layer on a crystal surface 1-2376
- Esiopenko, V.F. see Chumlyakov, Yu.I. 1-3764, 1-53194
- Esiopenko, V.F. see Korotav, A.D. 1-2464
- Esiopenko, V.F. see Sharov, A.S. 1-4946
- Esiopenko, V.V. see Vendik, I.B. 1-52574
- Eskin, L.D. see Aizenberg, I.B. 1-48029
- Eskin, S.M. see Vigdorovich, E.N. 1-31431
- Eskola, P. see Nitschke, J.M. 1-36971
- Eskreys, A., Eskreys, K., Kisielowska, D., Pawlik, B., Suszycki, L., Sliwa, K., Zachara, M., Abramowicz, H., Bardadin-Otinowska, M., Doroba, K., Gorski, M., Szeptycka, M., Wroblewski, A.K., Zieminski, A., Ansorge, R.E., Barlow, R.J., Carter, J.R., Ioanidis, G.S., Neale, W.W., Rushbrooke, J.G. Double scattering processes in π^-D interactions at 21 GeV/c 1-594
- Eskreys, A. see Berger, C. 1-5636
- Eskreys, A. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Eskreys, K. see Eskreys, A. 1-594
- Eskreys, K. see Ko, W. 1-10263
- Eslami, M.R. Creep linearization of nonaxisymmetrically heated cylinders 1-15409
- Eslera, L.A., Eno, L., Rabitz, H. Further developments and applications of sensitivity analysis to collisional energy transfer 1-37298
- Estling, C., Bechler-Ferry, E., Bunge, H.-J. Numerical calculation of the odd part of the texture function 1-48366
- Estling, C., Bunge, H.J., Muller, J. Description of the texture by distribution functions on the space of orthogonal transformations. Implications on the inversion centre 1-11713
- Estling, C., Bunge, H.-J., Muller, J. Description of texture by distribution functions on the space of orthogonal transformations. Implications of inversion centre 1-52099
- Estling, C. see Bunge, H.J. 1-30120
- Estling, C. see Muller, J. 1-53196
- Espada, M. see Bellanato, J. 1-12493
- Espen, P.J. Van see Van Espen, P.J.
- Espen, P. Van see Van Espen, P.J.
- Espiell, H.G. The non-proliferation of nuclear weapons in Latin America 1-5844
- Espigat, P. see Badier, J. 1-14430
- Espinosa, G., Moreno, A., Azorin, J., Salvi, R. Determination of the thermoluminescence response of Mexican gems 1-3513
- Espinosa, G.P., Cooper, A.S., Barz, H., Remika, J.P. Crystal chemistry, growth and reentrant behavior of additional superconducting/magnetic stannides 1-31327
- Espinosa, G.P. see Andres, K. 1-42898
- Espinosa-Muller, A., Bravo N., A. A theoretical model in organic cosmochemistry 1-48715
- Espilin, R.W. Use of curved slits to increase throughput of a Hadamard spectrometer 1-354
- Esposito, A., Meo, G. A numerical barotropic model of marine currents in the archipelago of La Maddalena 1-4518
- Esposito, B., Marini, A., Piano-Mortari, G., Ronga, F., Patteri, P., Nigro, M., Pescara, L., Bernabei, R., D'Angelo, S., Monacelli, P., Moricca, M., Paoluzzi, L., Santonic, R., Sebastiani, F. Hadronic cross-section in e^+e^- annihilation from 1.45 to 1.80 GeV 1-36868
- Esposito, B. see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Esposito, F. see Caramico D'Auria, A. 1-18583
- Esposito, L.W., Dilley, J.P., Fountain, J.W. Photometry and polarimetry of Saturn's rings from Pioneer Saturn 1-40412
- Esposito, U. see Caramico D'Auria, A. 1-18583
- Esposti, C. Degli see Degli Esposti, C.
- Essey, P.J. see Erdman, P.W. 1-22566
- Esrick, M.A. see Mathews, W.N., Jr. 1-17972
- Essabbah, H., Lacombe, C. Rheological study in transient flow of polyethylene blood 1-35804
- Essadiqi, L. see Donadille, C. 1-26577
- Essam, J.W. see De Bell, K. 1-188
- Essawy, M.A. see Hassan, M.A. 1-13434
- Essel, H., Sperr, P., Hartel, K., Kienle, P., Korner, H.J., Rehm, K.E., Wagner, W. Particle identification with silicon-surface-barrier detector time-of-flight telescopes in reactions with very heavy ions 1-6076
- Essel, H. see Rehm, K.E. 1-50641
- Essen, C. Von see Von Essen, C.
- Essen, D. Van see Van Essen, D.
- Essen, H.-H., Schirmer, F., Sibert, J. Propagation ranges of acoustic continuous-wave (CW) signals in the Fladenground area of the North Sea 1-41905
- Essen, R. von see von Essen, R.
- Essen, R.M. van see van Essen, R.M.
- Essene, E. The stability of bredigite and other Ca-Mg silicates 1-3707
- Esser, M., Butscher, W., Schwarz, W.H.E. Complex two- and four-index transformation over two-component Kramers-degenerate spinors 1-33382
- Esser, P., Gopel, W. 'Physical' adsorption on single crystal zinc oxide 1-7467
- Essex, E.A., Klobuchar, J.A. Mid-latitude winter nighttime increases in the total electron content of the ionosphere 1-40254
- Essink, H.P.M., Thijssen, J.M., Timmer, M.R. A quasi Maxwellian-view stimulator and ophthalmoscope with fibre optics 1-32325
- Esslinger, M., Geier, B. Buckling and postbuckling behavior of conical shells subjected to axisymmetric loading and of cylinders subjected to bending 1-6801
- Essmann, U. see Mughrabi, H. 1-30227
- Essyak, S.P., Osipova, S.G. Linear pressure to pulse frequency transducer 1-44898
- Estabrook, F.B. see Green, R.F. 1-9706
- Estabrook, K., Harte, J., Campbell, E.M., Ze, F., Philion, D.W., Rosen, M.D., Larsen, J.T. Estimates of intensity, wavelength, and bandwidth scaling of Brillouin backscatter 1-51926
- Estabrook, K., Krue, W.L., Lasinski, B.F. Heating by Raman backscatter and forward scatter 1-15633
- Estabrooks, D.C., Knappenberger, C.W., Robinson, J.T. Transparency sensor 1-19414
- Estabrooks, P. see Aston, D. 1-50470
- Esteban, A.L., Diez, E. Complete analysis of the ¹H NMR spectrum of tetrahydrothiophene 1-51221
- Esteban, A.L. see Diez, E. 1-28951
- Estefan, S.F. Renewable energy sources for Egypt 1-13110
- Estelle, L.R. Third-order theory of thermally controlled plastic and glass triplets 1-46529
- Esterling, D.M. Alloying, chemisorption and hydrogen embrittlement of steel 1-26616
- Esterowitz, L., Allen, R.E., Krue, M.R., Eckardt, R.C. Stark level identification of the 2.8 μ m laser transition in Er:YLF 1-29288
- Esterowitz, L. see Allen, R. 1-29309
- Esterowitz, L. see Eckardt, R.C. 1-29289, 1-46359
- Estes, G.P., Seamon, R.E. More integral testing of ENDF/B-V data 1-50964
- Estes, J.E., Jensen, J.R., Simonett, D.S. Impacts of remote sensing on US geography 1-35987
- Estes, J.E. see Chang, A.T.C. 1-9153
- Estes, J.E. see Deutsch, M. 1-44336
- Estes, R.H. see Langel, R.A. 1-17557
- Esteve, J.-M. see Dhez, P. 1-51594
- Esteve, L. see Singh, S.K. 1-22237
- Estevez, O., van der Tweel, L.H. Signal processing in vision 1-48990
- Estevez, O. see Cavonius, C.R. 1-49176
- Estelzer, R.C. Data acquisition and control system based upon the Rockwell AIM-65 microcomputer 1-14106
- Estrada, M. see Blasco, D. 1-54140
- Estrada, M.R. see Jauregui, E.A. 1-53749
- Estrada, R., Kanwal, R.P. Applications of distributional derivatives to wave propagation 1-23022
- Estrada, R. see Engvall, J. 1-35739
- Estrade-Szwarcopoff, H. see Conard, J. 1-38992, 1-42363
- Estrin, B.M. Carburizing in a mixture of CH₄-H₂O diluted with nitrogen 1-8481
- Estrin, J. see Kumar, C. 1-34265
- Estrin, Y., Kubin, L.P. Criterion for thermomechanical instability of low temperature plastic deformation 1-43455
- Estrin, Y. see Mecking, H. 1-2556
- Estrup, I.J. see Barker, R.A. 1-47367
- Estulip, I.V. Observation of microbursts of hard X-radiation by SIGNE-2MP on board the Prognoz-6 station 1-5003

- Estulin, I.V., D'yachkov, A.V., Zenchenko, V.M., Kuznetsov, A.V., Mersov, G.A., Vrednig, G., Niel, M., Hurley, K. Gamma-bursts on November 4, 1978 and April 6 and 18, 1979 recorded by Venera 11, Venera 12 and Prognoz 7 1-49860
- Estulin, I.V. *see* Alekperov, T.A. 1-54441
- Estulin, I.V. *see* Zenchenko, V.M. 1-9732
- Eswaran, H., Stoops, G., Abtahi, A. SEM morphologies of halite (NaCl) in soils 1-49270
- Et-Gemal, M.T. *see* Saleem, M. 1-30453
- Etcheber, H., Jouanneau, J.M., Latouche, C., Azouel, P., Caillot, A., Hoslin, R. Double radio-tracer tagging of mud in the Gironde: an experimental study of the behaviour of a metallic pollutant in an estuary 1-27207
- Etcheberry, A., Marbeuf, A., Rommeluere, M., Rioux, J. Precise determination of composition of $\text{Ga}_{1-x}\text{In}_x\text{P}$ ($0 \leq x \leq 0.10$) epitaxial layers 1-35587
- Etcheberry, A., Sculfort, J.L., Marbeuf, A. Anodic photooxidation of GaP single crystal electrodes in aqueous media 1-13144
- Etchegoyen, A. *see* Godwin, N.S. 1-33212
- Etchepare, J. *see* Martin, J.L. 1-9067
- Eteiba, M., Rizk, F.A.M., Trinh, N.-G., Vincent, C. Influence of a conducting particle attached to an epoxy resin spacer on the breakdown voltage of compressed-gas insulation 1-20000
- Etemad, B. *see* Anglada, M.B. 1-43453
- Etemad, S. *see* Chaikin, P.M. 1-47624
- Etemad, S. *see* Suzuki, N. 1-21245
- Etheridge, G.L. *see* Thomas, T.R. 1-17528
- Etherington, G. *see* Sinclair, R.N. 1-30069
- Etheridge, C.D. *see* Nicholson, N. 1-14629
- Etienne, B. *see* Voisin, P. 1-2881
- Etienne, D., Soonekindt, L., Bougnot, G. Epitaxial growth of cubic $\text{ZnSe}_{1-x}\text{S}_x$ by vapor phase transport 1-8237
- Etienne, D. *see* de Murcia, M. 1-21260
- Etienne, P. *see* Massies, J. 1-7439
- Etienne, S. *see* Morin, M. 1-38448
- Etienne, S. *see* Perez, J. 1-35297
- Etim, E., Kitakado, S. Quark masses from the vector meson spectrum 1-10170
- Etim, E., Schulte, L. Regularisation of the P - $\gamma\gamma$ vertex in the vector meson dominance model 1-18486
- Etingof, N.I., Ostrovskii, L.I., Morsakov, P.I. Installation for pouring glue "Tiarskin" into small ampuls for strain gauge measurements 1-16992
- Etingof, E.D. *see* Ostrovskii, M.V. 1-48778
- Etkin, A. *see* Chung, S.U. 1-14423, 1-45362
- Etoh, H. Effects of low-level chronic irradiation on aquatic organisms 1-26966
- Etoh, Y. *see* Tanabe, T. 1-18744
- Etokov, V.I. Stability of imperfect ribbed cylindrical shells 1-24712
- Etourneau, J. *see* Chevalier, B. 1-25913
- Etourneau, J. *see* Tarascon, J.M. 1-12599, 1-12600, 1-47861
- Etourneau, J. *see* Vlasse, A.G.M. 1-38339
- Ettrillard, J. *see* Lissillour, R. 1-29156
- Ette, A.I.I., Oladiran, E.O. The characteristics of rain electricity in Nigeria. I. Magnitudes and variations 1-4594
- Ette, A.I.I., Oladiran, E.O. Characteristics of rain electricity in Nigeria. II. Experimental and theoretical relations 1-4595
- Etteger, A.F. *see* Van Etteger, A.F.
- Etten, R.L. *see* Van Etten, R.L.
- Ettenberg, M. *see* Channin, D.J. 1-46347
- Etters, R.D., Danilowicz, R.L. Properties of H_2 , Kr and Xe insulator hydrides 1-38614
- Ettinger, H. *see* Cheeke, J.D.N. 1-20494
- Ettinger, K.V., Fairchild, R.G., Anunuso, C.I., Spirath, S., del Vigna Filho, E. Lyoluminescent dosimetric materials and their response to ionizing radiation 1-8134
- Ettinger, K.V., Mallard, J.R., Anunuso, C.I., del Vigna Filho, E., Regan, C., Srirath, S. Applications of lyoluminescence 1-9031
- Ettmayer, P. *see* Banik, G. 1-8288
- Ettmayer, P. *see* Schreiner, M. 1-53383
- Etzwig, H.H. *see* Ehrhart, P. 1-34860
- Etz, E.S., Blaha, J.J. Scope and limitations of single particle analysis by Raman microprobe spectroscopy 1-4145
- Etzel, P.B. *see* Popper, D.M. 1-40518
- Etzweiler, J.F., Brouchoud, D.A. Observations of neoclassical and anomalous resistivity in toroidal discharges 1-29837
- Eu, B.C. Quantum theory of large amplitude vibrational motions in a one-dimensional Morse chain 1-88
- Eu Byung Chan *see* Byung Chan Eu
- Eu-Cheng, L. Laser action in a lead hollow cathode discharge and its excitation mechanism 1-51455
- Eubank, H. *see* Mcservey, E.B. 1-24992
- Eubank, H.P. *see* Chrien, R.E. 1-46917
- Eubank, H.P. *see* Strachan, J.D. 1-45729
- Eugene, C. Fast determination of film thickness by application of polarizing properties of a film-substrate system 1-235
- Eujen, R., Burger, H., Oberhammer, H. Vibrational spectra and normal coordinate analysis of CF_3 compounds. XXXV. Vibrational spectra, normal coordinate analysis and electron diffraction studies of $(\text{CF}_3)_n\text{Sn}$ 1-45961
- Eukuyama, H., Yoshioka, D. Quantum effects on melting temperature of two-dimensional Wigner solid 1-7413
- Euler, F. *see* Lipson, H.G. 1-15927
- Euler, K.J., Euler, U., Seim, B. Non-linear simulation of current distribution and potential profile in porous manganese dioxide electrodes during discharge 1-53432
- Euler, K.J., Fromm, R., Sperlich, B. Electric conductivity of compressed nickel powder 1-47609
- Euler, K.-J. Present position and prospects of alternative energy sources 1-43734
- Euler, K.-J. Reflections regarding a future hydrogen economy 1-43811
- Euler, K.-J. Thermal energy from battery MnO_2 1-53570
- Euler, K.-J., Herger, P., Metzendorf, H., Sperlich, B. Electric conductivity of compressed copper powder. Ageing and influence of electric field strength 1-43545
- Euler, K.-J., Kirchhof, R., Metzendorf, H. Electronic conductivity of battery active masses—a limiting factor 1-8697
- Euler, K.-J., Laubach, K., Siebert, K. Thermoelectric effect of compressed copper powder in contact with iron 1-7595
- Euler, K.-J., Lehmann, J., Lottes, G. Electrical energy storage for network load balancing 1-48911
- Euler, K.-J., May, J. Inductive liquid phase sintering of Cu-Al bronzes 1-31383
- Euler, R., Fricke, B., Morovic, T., Sepp, W.-D., Rosen, A. An attempt on the calculation of relativistic potential energy curves noble gas difluorides 1-6186
- Euler, U. *see* Euler, K.J. 1-53432
- Euler, W.B., Garrett, B.B. Ground state properties of CsCoCl_3 1-39083
- Euler, W.B., Garrett, B.B. Optical selection rules and magnon assignments for the low temperature magnetic spin structures of CsCoCl_3 and CsNiCl_3 1-39121
- Eun Soo Kim *see* Kim Eun Soo
- Eung Young In *see* Young In Eung
- Eurukoshi, M. *see* Kikuma, I. 1-3593
- Eurya, T., Hiramatsu, S., Nakazato, T., Kato, T., Kneisel, P., Kojima, Y., Takagi, A. First results on a 500 MHz superconducting test cavity for TRISTAN 1-41262
- Eustace, D.J. *see* Ghosh, A.K. 1-12126
- Eustace, D.J. *see* Rao, B.M.L. 1-35643
- Eustathopoulos, N., Joud, J.-C. Interfacial tension and adsorption of metallic systems 1-7432
- Eustathopoulos, N., Pique, D. Calculation of solid-liquid-vapour contact angles for binary metallic systems 1-42610
- Eustathopoulos, N. *see* Camel, D. 1-16155
- Eustathopoulos, N. *see* Cheynet, M.-C. 1-30359
- Eustathopoulos, N. *see* Lemaignan, C. 1-2370
- Eustathopoulos, N. *see* Lemaignan, C.I. 1-26442
- Eustathopoulos, N. *see* Passerone, A. 1-16154
- Eustis, R.H. *see* Ariessohn, P.C. 1-19839
- Eustis, R.H. *see* Rankin, R.R. 1-46930
- Euteneuer, G.-A. *see* Frank, W. 1-37950
- Euthymiou, P.C. *see* Giakoumakis, G.E. 1-8137, 1-23396, 1-48170
- Euve, F. *see* Pointu, A.M. 1-11521
- Evangelidis, E.A. Angular momentum coupling in differentially rotating galactic systems 1-40562
- Evangelista *see* Armstrong 1-10254
- Evangelista, C., Ghidini, B., Palano, A., Picciarelli, V., Muller, K., Paul, E., French, B.R., Hughes, I.S., Lewis, G.M., Turnbull, R.M., Donald, R.A., Edwards, D.N., Houlden, M.A., Costa, G., Mandelli, L., Pensotti, S., Perini, L. A study of K^{40} (890) inclusive production in the beam fragmentation region of the reaction $\pi^- p \rightarrow \text{K}^{40}(890) X^0$ at 10 GeV/c 1-23515
- Evangelista, C., Ghidini, B., Palano, A., Picciarelli, V., Zito, G., Broring, J., Muller, K., Paul, E., Renneberg, W., Ruhmer, W., Eades, J., French, B.R., Moebes, J., Navach, F., Edwards, M., Smith, I.L., Petmezases, G., Donald, R.A., Edwards, D.N., Fry, J.R., Houlden, M.A., Cantore, A., Di Corato, M., Mandelli, L., Perini, L. Results from a $\pi^- p$ slow proton trigger experiment at 12 GeV/c 1-45354
- Evangelista, C. *see* Costa, G. 1-23516
- Evangelista, C. *see* Di Gennaro, V. 1-5660
- Evangelista, S. *see* Bianchi, R. 1-44453, 1-44454
- Evangelisti, S. *see* Bendazzoli, G.L. 1-35008, 1-41322
- Evangelou, S.N. *see* O'Brien, M.C.M. 1-7570
- Evans, A. Laboratory exercises in astronomy—The orbit of a visual binary 1-22985
- Evans, A. Stability of protoplanets around RU Lupi 1-40522
- Evans, A. *see* Bode, M.F. 1-4927
- Evans, A.G. Fatigue in ceramics 1-31587
- Evans, A.G. Structural and microstructural design in brittle materials 1-31664
- Evans, A.G., Burlingame, N., Drory, M., Kriven, W.M. Martensitic transformations in zirconia—particle size effects and toughening 1-39335
- Evans, A.G., Rice, J.R., Hirth, J.P. Suppression of cavity formation in ceramics: prospects for superplasticity 1-3832
- Evans, A.G. *see* Lawn, B.R. 1-26601
- Evans, A.J. *see* Coe, M.J. 1-49852
- Evans, A.K., Lux, R.L. Automated classification of electrocardiograph body surface maps 1-17519
- Evans, B., Hobson, R.M., Jen-Shih Chang. Dissociative ionization by electron impact of vibrationally excited oxygen 1-37338
- Evans, B.D., Stapelbroek, M. Fundamental optical absorption edge of a-SiO₂ 1-3428
- Evans, B.G., Upton, S.A.J., Holt, A.R. Effect of raindrop shape on crosspolarisation/attenuation relationships 1-36023
- Evans, C.A. *see* Magee, T.J. 1-15916
- Evans, C.A., Jr., Deline, V.R., Sigmon, T.W. Thermal redistribution of Cr in GaAs due to damage, stress and concentration gradients 1-30265
- Evans, C.A., Jr. *see* Katz, W. 1-21320
- Evans, C.A., Jr. *see* Lidow, A. 1-2479
- Evans, C.A., Jr. *see* Magee, T.J. 1-20248
- Evans, C.A., Jr. *see* Matsumoto, S. 1-42575
- Evans, C.A., Jr. *see* Morkoc, H. 1-42647
- Evans, C.A., Jr. *see* Benninghoven, A. (editor) 1-27666
- Evans, C.J. The seismic velocities of the Ox Mountain granulites of Ireland and the implications for the interpretation of the crustal structure of north Britain 1-9098
- Evans, C.R. *see* Fennelly, A.J. 1-36439
- Evans, D.D., Shemdin, O.H. An investigation of the modulation of capillary and short gravity waves in the open ocean 1-13481
- Evans, D.D. *see* Lubard, S.C. 1-13600
- Evans, D.F., Tominaga, T., Davis, H.T. Tracer diffusion in polyatomic liquids 1-47268
- Evans, D.F. *see* Johnson, F. 1-44039
- Evans, D.H., Parton, L. The directional characteristics of some ultrasonic Doppler blood-flow probes 1-53846
- Evans, D.H. *see* Gibbons, D.T. 1-32214
- Evans, D.J. On the coupling kinetic and potential contributions to transverse collective modes in fluids 1-42559
- Evans, D.J., Hanley, H.J.M. Shear induced phase transitions in simple fluids 1-2592
- Evans, D.J., Hanley, H.J.M. Computer simulation of an m-6.8 fluid under shear 1-7060
- Evans, D.J., Hanley, H.J.M. A thermodynamics of steady homogeneous shear flow 1-19665
- Evans, D.J. *see* Hoover, W.G. 1-2669
- Evans, D.L. The structural basis of thermophysical properties 1-20072
- Evans, D.L., Fischer, G.R., Geiger, J.E., Martin, F.W. Thermal expansions and chemical modifications of cordierite 1-38562
- Evans, D.R. *see* Brown, G.M. 1-22766
- Evans, D.S., Nicolas de la Caille and the Southern sky 1-47
- Evans, D.S., Edwards, D.A., Petersen, B.R., Robinson, E.L., Sandmann, W.H., Wiant, J.R. What size is Aldebaran? 1-9485
- Evans, G.T. *see* Knauss, D.C. 1-8562
- Evans, H.E., Knowles, G. The importance of pipe diffusion in correlating creep data 1-12843
- Evans, H.E. *see* Lobb, R.C. 1-30399
- Evans, H.T., Jr. *see* Clark, J.R. 1-15856
- Evans, J., Harris, I.R., Martin, P.F. Some further observations on the systems palladium-titanium and palladium-titanium-hydrogen 1-30391
- Evans, J. *see* Hughes, D.T. 1-20459, 1-34491
- Evans, J.C., Jr., An-Ti Chai, Goradia, C. The planar multijunction cell—a new solar cell for Earth and space 1-48856
- Evans, J.F., Ross, M., Ullevig, D.M. SIMS depth profiling of thin and ultrathin films of covalently bonded organic overlayers 1-31957
- Evans, J.G. *see* Davies, A.J. 1-2269, 1-15718
- Evans, J.H. Blister lid thickness measurements—a discussion in terms of the interbubble fracture model of blister formation 1-25337
- Evans, J.H. *see* Shea, J.H. 1-25042
- Evans, J.P. *see* Borland, W. 1-39274
- Evans, J.R., Sacks, I.S. Lithospheric structure in the North Atlantic from observations of Love and Rayleigh waves 1-44146
- Evans, J.R.G. *see* Adam, T. 1-17020
- Evans, J.T. Plane-strain deformation near a slot extended under load: some observations using grain-orientated $3\frac{1}{2}$ per cent silicon-iron 1-35310
- Evans, J.V. *see* Richmond, A.D. 1-9317
- Evans, J.W. The exact solution of an elimination problem in kinetic theory. II. General pairwise interparticle potentials 1-23102
- Evans, J.W. *see* Little, J.A. 1-12994
- Evans, K.D. *see* Fraser, G.W. 1-31048
- Evans, M. Power reflection spectroscopy near the Brewster angle: molecular dynamics of liquids 1-23320
- Evans, M., Grigolini, P. Hydrodynamics and molecular motion: A phenomenological approach 1-52035

- Evans, M. see Reid, C.J. 1-1141
- Evans, M.B. see Carmi, J.D. 1-13060
- Evans, M.E., Hoye, G.S., Bingham, D.K. The paleomagnetism of the Great Slave Supergroup: the Akaitcho River Formation 1-53969
- Evans, M.W. Moment analysis of the spectrum of depolarized scattered light 1-8084
- Evans, M.W., Grigolini, P. Non-Gaussian, non-Markov processes 1-9918
- Evans, M.W. see Reid, C.J. 1-1233, 1-3397, 1-33461
- Evans, N.J., II, Rubin, R.H., Zuckerman, B. A search for ultracold molecular gas in our Galaxy 1-9601
- Evans, N.J., II see Wooten, A. 1-9618
- Evans, N.L. see Birchall, J.H.L. 1-10451
- Evans, N.R. see Percy, J.R. 1-22812
- Evans, N. Remage see Remage Evans, N.
- Evans, N.S. see Bolton, C.J. 1-35394
- Evans, R. The surface properties of liquid metals 1-30525
- Evans, R. see Copestake, A. 1-25149
- Evans, R. see Telo da Gama, M.M. 1-34551, 1-38628
- Evans, R.B. Thermoeconomic isolation and essergy analysis 1-14085
- Evans, R.D., Harley, J.H., Jacobi, W., McLean, A.S., Mills, W.A., Stewart, C.G. Estimate of risk from environmental exposure to radon-222 and its decay products 1-53828
- Evans, R.G. Saturation of Brillouin scattering in a laser driven ablation plasma 1-46860
- Evans, R.G. see Bell, A.R. 1-28703, 1-42137
- Evans, R.G. see Cole, A.J. 1-42208
- Evans, R.G. see Gray, D. 1-29917
- Evans, R.G. see Gray, D.R. 1-19961, 1-29916
- Evans, R.G. see Key, M.H. 1-25013
- Evans, R.G. see Lewis, C.L.S. 1-29915
- Evans, R.G. see Willi, O. 1-11581
- Evans, R.H. see Brown, O.B. 1-27211
- Evans, S. see Jory, H. 1-42188
- Evans, T. see Allen, B.P. 1-43345
- Evans, T.L. Red stars in Magellanic Cloud globular clusters 1-9493
- Evans, T.L. Spectra of red supergiant variables in SMC 1-13778
- Evans, T. Lloyd see Lloyd Evans, T.
- Evans, W. see Bergier, A. 1-10275
- Evans, W.D. see Fenimore, E.E. 1-36435
- Evans, W.D. see Skinner, G.K. 1-17906
- Evans, W.H. see Hansen, M.Z. 1-9265
- Evans, W.J. see Harrison, G.F. 1-12837, 1-35391
- Evans, W.M. see Cockerill, D. 1-14742
- Eyatt, R. see Brown, W.L. 1-15937
- Eychatov, G.P. Algorithm for accelerated transformation of frequency seismograms to impulse ones 1-13621
- Eychatov, G.P., Sagaidachnaya, O.M. Noise resistance of the frequency method of vibratory seismic exploration in the case of harmonic and impulse noise 1-44341
- Evdokimov, I.N. Small-angle scattering of intermediate-energy ions by crystal surfaces 1-31255
- Evdokimov, I.N. Ion scattering by a nickel surface near the Curie point 1-31267
- Evdokimov, I.N. see Balashova, L.L. 1-31252
- Evdokimov, M.A., Zharkov, A.P., Nikitin, A.M., Popov, A.A., Sinityn, N.V., Smirnov, N.N. Set of electronic instruments for automatic data acquisition and processing 1-18204
- Evdokimov, O.B., Orlov, V.L. Influence of specimen thickness on charge relaxation in polymethyl methacrylate 1-21127
- Evdokimov, O.B., Solov'ev, Yu.A. Phenomenological model of the accumulation of a space charge by high-energy injection of electrons in high-resistivity materials 1-52581
- Evdokimov, O.B., Solov'ev, Yu.A., Yagushkin, N.I., Dyrykov, V.A. Influence of temperature on the accumulation of space charge in polymers by high-energy injection 1-52896
- Evdokimov, V.N. see Abramov, V.V. 1-596
- Evdokimov, V.N. see Nikolaev, V.I. 1-42820
- Evdokimova, L.S. see Brumfield, V.A. 1-40331
- Evdokimova, L.V., Kharshiladze, A.F. Turbulent acceleration of energetic particles in interplanetary shock waves 1-22647
- Evdokimova, L.V. see Ivanov, K.G. 1-13647
- Evdokimova, O.A. see Bratukhin, Yu.K. 1-19780
- Evdokimova, T.F. see Kraevskii, S.L. 1-16550
- Evelboch, J.L. see Sudmeir, J.L. 1-19220
- Even, U. see Amirav, A. 1-6332, 1-24202
- Even, W.R. see Bratt, P.W. 1-385
- Evenson, K.M. see Vasconcelos, E.C.C. 1-51463
- Everdij, J. see van der Kam, P.M.A. 1-29080
- Everett, R. see Barrett, M. 1-17246
- Everett, R.L. see Ktonas, P.Y. 1-32290
- Everett, R.L. see McInnis, B.C. 1-32317
- Everett, W.D. Sensible display of Power Spectral Density information 1-15440
- Everhart, E. The shortage of long-period comets in elliptical orbits 1-44508
- Everhart, T.E. see Adesida, I. 1-42438
- Evers, P., Robinson, K., Maistry, L., Higginson, E. Description of a coverslip holder for, and observations on, the critical point drying of cell cultures 1-32323
- Eversman, W., Astley, R.J. Acoustic transmission in non-uniform ducts with mean flow. I. The method of weighted residuals 1-51652
- Eversman, W. see Astley, R.J. 1-51653
- Everson, J.H., Aldrich, R.E., Cone, M., Kenemuth, J. Device parameters and optical performance of a stacked actuator deformable mirror 1-46496
- Everts, H.U. see Brocksch, H.-J. 1-42508
- Everwin, P. see Wilhelm, M. 1-31568
- Every, A.G. General closed-form expressions for acoustic waves in elastically anisotropic solids 1-7266
- Evetts, J.E., Cave, J.R., Somekh, R.E., Stanton, J.P., Campbell, A.M. Characterization of Nb₃Sn diffusion layer material 1-47774
- Evetts, J.E. see Gibbs, M.R.J. 1-30970
- Evriat, A., Siscoe, G.L. Limit on rotational energy available to excite Jovian aurora 1-44474
- Eyleth, E.M. see Kassab, E. 1-17034
- Eyleth, E.M. see Rayez, J.C. 1-10668
- Enevich, T.V. see Abakumova, G.M. 1-22495
- Evvard, O., Malam, B., Jeannot, F., Courtois, A., Alebouyeh, H., Gerardin, R. Preparation of CaFe₂O₄ and crystal structure determination of the calcium ferrites CaFe_{2-x}O_{4+x} (n=1,2,3); new example of intergrowth 1-34324
- Evvard, R. see Devereux, J.T. 1-47505
- Evrén, S. see Ibanoglu, C. 1-9728
- Evsseev, A.V. see Ambartsumyan, R.V. 1-51209
- Evsseev, B.A. see Avizov, M.I. 1-7141, 1-38342, 1-47841
- Evsseev, I.V. see Vdovin, Yu.A. 1-51443
- Evsseev, V.S., Kurbatov, V.S., Sidorov, V.M., Belyaev, V.B., Wrzezioglu, J., Daum, M., Frosch, R., McCulloch, J., Steiner, E. Experimental study of π^+ double charge exchange with ⁷Li 1-50658
- Eystrop'ev, K.K. see Pronkin, A.A. 1-11904
- Eystropov, V.V., Petrovich, I.L., Sosnovskii, S.A., Tsarenkov, B.V. Increase in nonradiative components of the current in electroluminescent structures with an active GaAs layer due to formation of defects 1-19343
- Estyukhin, A.I., Gavrilov, I.I., Shulov, V.A., Levin, S.V., Kolesnik, I.L. The possibility of controlling coating texture and morphology during metal deposition, by modernised transport reaction method 1-16699
- Esyukhov, M.F. Dilatometer for studying phase transformations under isothermal conditions 1-21441
- Etkikh, N.N. see Azovtsev, V.P. 1-32960
- Etkikh, N.N. see Berezhnov, V.V. 1-19491
- Etvushenko, A.A. see Grilitskii, D.V. 1-24674
- Etvushenko, I.V. see Petrovskii, G.T. 1-42319
- Etvushenko, N.A. see Gladshstein, L.I. 1-53352
- Etyukhov, K.N., Kaptsov, L.N., Mitin, I.V. Spectrum of longitudinal modes of a continuous garnet-neodymium laser 1-41710
- Etyukhov, K.N. see Smyslyayev, S.P. 1-33724
- Eva, F. A thermodynamic model for photographic stabilization by triazaindenes 1-28089
- Ewald, H. see Munzenberg, G. 1-50695
- Jonas, G.T., Hagberg, E., Hansen, P.G., Jonson, B., Mattisson, S., Ravn, H.L., Tide-mand-Petersson, P. Beta-decay of the T₂=-1/2 mirror nucleus ⁸¹Kr 1-36929
- Ewan, J. see Knechtli, R.C. 1-39793
- Ewanizky, T.F. High repetition rate thyatron Marx Bank 1-34182
- Ewart, P. Generation of long delays between dye laser pulses by optical pumping via optical fibres 1-41756
- Ewbank, M.D., Newman, P.R., Kraut, E.A. Techniques for modeling acousto-optic materials 1-15238
- Ewbank, W.B., Hurley, F.W., McGinnis, M.R., Ramavataram, S. Recent references, January through April 1980 1-32809
- Ewe, H.H., Justi, E.W., Selbach, H.-J. The influence of contact pressure on the performance of supported gas diffusion electrodes in alkaline H₂-O₂ fuel cells 1-4171
- Ewen, B. see Richter, D. 1-30029
- Ewen, D.A., Wirth, F.W., Hallock, R.B. Windows for X-ray diffraction experiments 1-50293
- Ewers, W.E. see Morris, R.C. 1-22339
- Ewing, G.E. see Chandler, D.W. 1-35082, 1-37234
- Ewing, G.E. see Morales, D.A. 1-31841
- Ewing, J.A. see Hasselmann, D.E. 1-54124
- Ewing, J.J. Excimer lasers 1-10994
- Ewing, J.J. see Levin, L.A. 1-37469
- Ewing, W. see Taylor, R. 1-5386
- Excoffon, P., Marechal, Y. H-bonds of imidazole crystals. I. Measurements of polarized light IR spectra 1-21181
- Excoffon, P., Marechal, Y. H-bonds of imidazole crystals. II. Determination of the magnitudes of the various anharmonic couplings of ν_2 modes 1-26182
- Excoffon, P., Marechal, Y. H-bonds of imidazole crystals. III. Crystal effect 1-34278
- Exell, R.H.B. A mathematical model for solar radiation in South-East Asia (Thailand) 1-53564
- Exerowa, D. see Kashchiev, D. 1-16156
- Exeter, M.K. Finite element analysis for fluid flow and free convection problems 1-6859
- Exley, R.A. see Dickinson, A.P. 1-22265
- Exnar, P., Hrubá, M., Uhlir, J., Voldan, J. Experience with the penetration viscosimeter 1-6909
- Exner, H.E. Solid-state sintering: critical assessment of theoretical concepts and experimental methods 1-53119
- Exner, H.E., Roth, J. Metallographic contrasting by reactively sputtered interference layers 1-39565
- Exner, H. Eckart see Eckart Exner, H.
- Exon, N.F., Moreton, D., Hicks, G. Manganese nodules from the Tasman Sea off Sydney 1-4486
- Exon, N.F. see von Stackelberg, U. 1-13446
- Extermann, P. see Cleland, W.E. 1-23522
- Exton, R.J. see She, C.Y. 1-42108
- Exton, R.J. see Tellinghuisen, J. 1-24117
- Eyal, M. see Kohn, P. 1-40110
- Eyer, M.K., Brandestini, M.A., Phillips, D.J., Baker, D.W. Color digital echo/Doppler image presentation 1-53844
- Eyer, M.K. see Phillips, D.J. 1-8933
- Eyferth, H. see Komiyama, S. 1-47750
- Eyink, J. see Arends, J. 1-23642, 1-41097
- Eyink, J. see McKeown, R.D. 1-28499
- Eyl, H.J. see Tumbargh, G.E. 1-6049
- Eyler, J.R. see Morgenthaler, L.N. 1-37277
- Eyler, L.L., Sesonke, A. Turbulent structure measurements in mercury pipe flow 1-19812
- Eylon, D., Betts, R.K., Fujishiro, S. The effect of ion plating on the friction and wear of Ti-6Al-4V alloy 1-31686
- Eylon, D., Rosenblum, M.E., Bartel, T.L. High temperature low cycle fatigue in beta processed Ti-5Al-5Sn-22r-2Mo-0.25Si 1-8427
- Eylon, D. see Fujishiro, S. 1-8425
- Eylon, D. see Kelt, C.A. 1-39267
- Eymann, J.O., Jacques, P., Kessaissia, Z. The thermodynamic characteristics of gas-solid adsorption as determined by use of a computer program 1-43701
- Eymann, L.D. see Trabalka, J.R. 1-17501
- Eyni, M., Steinitz, R. Global properties of the solar wind. II. Empirical proton temperature gradients and their dependence of flow velocity 1-49468
- Eyni, M. see Steinitz, R. 1-44402
- Eyre, N.J. see Grange, G. 1-21137
- Eyre, N.J. see Godwin, N.S. 1-33212
- Eyre, T.S. see Shafia, M.A. 1-12884
- Eyres, E.M. see Lloyd, L.B. 1-18301, 1-23316
- Eyring, H. see Miles, D.W. 1-17349
- Eyring, H. see Ryooy, 1-20489
- Eyring, L. The application of high-resolution electron microscopy to problems in solid state chemistry: The exploits of a peeping TEM 1-13967
- Eysel, W. see Hesse, K.-F. 1-42347
- Eyss, H.J. von see von Eyss, H.J.
- Eyssa, Y.M. see Shintomi, T. 1-53702
- Ezaki, T. see Chikaba, J. 1-47801
- Ezawa, H. Elements of stochastic processes. VII 1-50057
- Ezawa, H. see Nakamura, K. 1-7693, 1-7743
- Ezawa, Z.F. Topological excitations and quark confinement 1-28296
- Ezeev, N.A. see Volobuev, V.S. 1-5305
- Ezeilo, C.C.O. see Ezekwe, C.I. 1-53565
- Ezekiel, S. see Bien, F. 1-40840
- Ezekwe, C.I., Ezeilo, C.C.O. Measured solar radiation in a Nigerian environment compared with predicted data 1-53565
- Ezell, E.F., Pollock, F., Daunt, J.G. Measurements of the binding energies for adsorption of ³He and ⁴He on various substances by dynamic gas diffusion techniques 1-42604
- Ezhkov, A.N., Lohnygin, V.D., Onishchukov, G.I., Fomichev, A.A. Efficient operation of quasicontinuous dye jet laser with a high pulse repetition frequency 1-33714
- Ezhkov, V.V. see Golomazov, M.M. 1-19772
- Ezhov, A.A., Lalayan, E.A., Shmulovich, A.R. Effect of copper on the structure and properties of Mg-Al-Zn alloys 1-8395
- Ezhov, A.A. see Shvedova, T.L. 1-48604
- Ezhov, I.I., Lakatos, L. On probabilities of states of a queueing system described by the inhomogeneous Markov chain 1-14066
- Ezhov, V.F. see Altarev, I.S. 1-28774
- Ezhov, V.G. see Shefer, L.A. 1-31558
- Ezhov, V.K. see Legasov, V.A. 1-29931
- Ezhov, V.S., Kerner, B.S. Mechanism for the instability of the homogeneous surface breakdown of planar p-n-n⁺ junctions with metal electrodes 1-42856
- Ezhovskii, A., Freiman, Yu.A., Tolkachev, A.M., Azarenkov, V.P., Manzhelii, V.G., Kosobutskaya, E.A. Low-temperature anomaly of thermal expansion of solid N₂ with O₂ impurity 1-30427
- Ezhovskii, A. see Tolkachev, A.M. 1-30419
- Ezra, D. see Aston, D. 1-14399, 1-45297, 1-50442

- Fa Lee Jyh *see* Jyh Fa Lee
- Fabbiano, G. *see* Fabian, A.C. 1-4960
- Fabbri, A.G., Masounave, J. Experiments on the characterization of metamorphic textures from a micrograph of an amphibolite 1-53199
- Fabbri, F. *see* Barloutaud, R. 1-36885
- Fabbri, F.L. *see* Bizard, G. 1-5784
- Fabbri, F.L. *see* Bologna, G. 1-28817
- Fabbri, F.L. Some properties of macrocyclic complexes in solution which are related to the ligand ring size 1-8536
- Fabbro, R. *see* Fabre, E. 1-11577
- Fabbro, R. *Del* *see* Del Fabbro, R.
- Fabelinskii, V.I. *see* Osin, M.N. 1-29808
- Fabeni, P. *see* Bacci, M. 1-8122
- Fabeni, P. *see* Simkin, D.J. 1-48164
- Faber, D.S., Korn, H. Single-shot channel activation accounts for duration of inhibitory postsynaptic potentials in a central neuron 1-4259
- Faber, J. *see* Stoch, Z. 1-53152
- Faber, K.T., Rindone, G.E. Small angle X-ray scattering and transmission electron microscopy studies of phase separated soda-lime-silica glasses containing water 1-30093
- Faber, M.E. The mass distribution width of heavy-ion fission for various composite systems 1-10398
- Faber, M.E. *see* Bottges, N. 1-41024
- Fabian, A.C., Nulsen, P.E.J., Stewart, G.C. Star formation in a galactic wind 1-9670
- Fabian, A.C., Willingale, R., Pye, J.P., Murray, S.S., Fabbiano, G. The X-ray structure and mass of the Cassiopeia A supernova remnant 1-4960
- Fabian, A.C. *see* Parmar, A.N. 1-27636
- Fabian, A.C. *see* Ross, R.R. 1-4914
- Fabian, H.-G., Löffler, H., Krogel, R., Gueffroy, B. Investigations on the growth kinetics of GP zones and α_2 -precipitates in Al-Zn alloys 1-26472
- Fabian, J. *see* MacKenzie, I.K. 1-21289
- Fabian, M. Pulse circuits for laser diodes 1-11009
- Fabian, P. *see* Weiler, K.H. 1-44322
- Fabian, R. *see* Arnold, F. 1-54199
- Fabian, R. *see* Bischof, W. 1-22442
- Fabian, W. Investigation on calculation of fluorescence spectra of organic dyes. II. Substituted coumarins 1-24186
- Fabian, W. *see* Lentz, A. 1-35159
- Fabiano, E.B. *see* Langel, R.A. 1-17557
- Fabio, S. Code assessment for nuclear reactor accident analysis programs 1-45660
- Fabisiaik, K., Rozploch, F., Szatkowski, J., Wiczorek, J. The influence of electric field on the deposition rate and structure of pyrolytic carbon 1-12657
- Fabisiaik, W., Huang, C.R. Mathematical analysis of the hysteresis rheogram of human blood 1-53805
- Fabjan, C.W. *see* Botner, O. 1-37065
- Fabjan, C.W. *see* Cockerill, D. 1-14742
- Fabjan, C.W. *see* Dikoumou, M. 1-10256
- Fabjan, C.W. *see* Kourkoumelis, C. 1-5665, 1-50474
- Fabre, D. *see* Kobashi, K. 1-39106
- Fabre, E., Amirano, F., Fabbro, R., Garban-Labaune, C., Weinfeld, M., Virmont, J. Laser-matter interaction experiments at different wavelengths 1-11577
- Fabre, N. *see* Munoz-Yague, A. 1-48539
- Fabregat, J. *see* Ballecau, D.B. 1-36299
- Fabregue, J.P. *see* Lecoeuvre, J.M. 1-28558
- Fabri, G., Fiorito, G. GaAs-(GaAl)As solar cells to be used under concentrated solar light conditions 1-32030
- Fabricant, D., Lecar, M., Gorenstein, P. X-ray measurements of the mass of M87 1-22881
- Fabricius, K., Schmitt, I., Shierholz, G., Kramer, G. Order α_2 correction to jet cross sections in e^+e^- annihilation 1-23509
- Fabrika, S.N. On the asymmetry of permitted line-profiles in the spectra of Seyfert galaxies 1-9673
- Fabrika, S.N., Tsvetanov, Z.I. Quasars with absorption lines on the Hubble diagram 1-13882
- Fabrika, S.N. *see* Grinin, V.P. 1-44645
- Fabrikant, A.L. Nonlinear development of wind waves given light wind 1-44199
- Fabrikant, A.L. *see* Golemshtok, G.M. 1-19485
- Fabrikant, I.I. Interference effects in photodetachment and photoionization of atoms in a homogeneous electric field 1-33438
- Fabrikant, I.I. Partial-wave analysis of low-energy electron scattering by quadrupole molecules 1-33566
- Fabrikant, I.I. *see* Ryabikh, Yu.I. 1-33567
- Fabrikant, J.L., Tobias, C.A., Capp, M.P., Benton, E.V., Holley, W.R. Heavy-ion imaging applied to medicine 1-43987
- Fabriel, H. *see* Albouy, Y. 1-53976
- Fabris, G., Chow, J.C.F., Dunn, P.F. On formation of a homogeneous two-phase foam flow 1-34006
- Fabris, G. *see* Pierson, E.S. 1-34125
- Fabrocini, A., Polla, A. FHNC calculations of momentum distribution for state-dependent correlations 1-23580
- Fabry, M. *see* Cussenot, J.R. 1-5745
- Fabry, P. *see* Pelloux, A. 1-35594
- Faccini, L. *see* Beguin, F. 1-42368
- Faccini-Turluer, M. *see* Ajinenko, I.V. 1-592
- Faccini-Turluer, M.L. *see* Denegri, D. 1-28356
- Faccini-Turluer, M.L. *see* Gensch, U. 1-595
- Faccioli, E. Engineering seismic risk analysis of the Friuli region 1-4435
- Facelli, J.C., Contreras, R.H. Inclusion of hydrogen p orbitals in the semiempirical calculation of NMR parameters. I. Influence on the FPT INDO spin-spin coupling constants 1-24039
- Facemire, B.R. *see* Nishioka, G.M. 1-47222
- Fackereil, A.D. *see* Brown, J.M. 1-6290
- Fackler, O. *see* Barish, B. 1-10192
- Factor, H.M., Grossman, G. A packed bed dehumidifier/regenerator for solar air conditioning with liquid desiccants 1-8672
- Faddeev, L.D. A Hamiltonian interpretation of the inverse scattering method 1-36514
- Faddeev, N.G. *see* Aurenche, P. 1-28274
- Faddeev, V.V. *see* Podvigalkin, P.M. 1-28104
- Faddeev, Yu.A. *see* Brutan, E.G. 1-19098
- Fadeeva, N.P. *see* Bogdanovich, M.G. 1-30170
- Fadel, M.A., Wafa, I.A.F., Al-Alousi, D.S. New approaches to porcelain dosimeters for measuring fast neutron fluxes 1-47117
- Fader, G.B. *see* Kling, C.L. 1-14659
- Fadin, V.P. *see* Boilevskaia, T.K. 1-30626, 1-30627
- Fadin, V.P. *see* Egorushkin, V.E. 1-30382
- Fadin, V.P. *see* Monasevich, L.A. 1-26449
- Fadin, V.P. *see* Popov, V.A. 1-2858, 1-20619
- Fadley, C.S. *see* Goldberg, S.M. 1-8187
- Fadley, C.S. *see* Hussain, Z. 1-20617, 1-39216
- Fadley, C.S. *see* Kono, S. 1-26361, 1-39214
- Fadly, M. *see* Guillot, M. 1-30928
- Faegri, K., Jr., Kelly, H.P. Calculated cross section for photoionization from the 1σ and 3σ orbitals of hydrogen fluoride 1-24197
- Faehl, R.J., Newberger, B.S., Godfrey, B.B. Simulation of cyclotron wave growth in a helical slow wave structure 1-29867
- Faenov, A.Ya. *see* Boiko, V.A. 1-25068, 1-50291
- Faessler, A. Collective description of deformed and transitional nuclei 1-10305
- Faessler, A. Do we understand the spectra in transitional even mass and odd-odd mass nuclei? 1-10348
- Faessler, A. Description of multipole resonances 1-28437
- Faessler, A. Description of high spin states 1-45399
- Faessler, A., Płoszajczak, M. Second anomaly of the moment of inertia in the N=90 isotones 1-23546
- Faessler, A. *see* Bottges, N. 1-41024
- Faessler, A. *see* Civitarese, O. 1-18589
- Faessler, A. *see* Dickhoff, W.H. 1-50522
- Faessler, A. *see* Muther, H. 1-5707
- Faessler, A. *see* Piercey, R.B. 1-41030
- Faessler, A. *see* Poggel, G. 1-45412
- Faessler, A. *see* Tegeler, E. 1-26310
- Faessler, A. *see* Tripathi, R.K. 1-10330
- Faessler, M. *see* Barish, B.C. 1-10284
- Faestermann, T. *see* Walker, P.M. 1-18557
- Faeth, G.M. *see* Mao, C.-P. 1-4090
- Fafurin, A.V. *see* Belyakov, Yu.M. 1-29748
- Fagaly, R.L. Calculation of the BRT function with a programmable pocket calculator 1-42900
- Fagan, W.F. *see* Beek, M.A. 1-29230
- Faggiani, S., Gori, F. Influence of streamwise molecular heat conduction on the heat transfer coefficient for liquid metals in turbulent flow between parallel plates 1-24799
- Faggiano, A. Automatic lens design with pseudo-second-derivative matrix. A contribution 1-33784
- Fagherazzi, G., Enzo, S., Gottardi, V., Scarinci, G. A structural study of metastable tetragonal zirconia in an $\text{Al}_2\text{O}_3\text{-ZrO}_2\text{-SiO}_2\text{-Na}_2\text{O}$ glass ceramic system 1-20029
- Faghibi-Nejad, H. *see* Donaldson, G.B. 1-7777
- Faghri, M. *see* Eckert, E.R.G. 1-29765
- Faghri, M. *see* Sparrow, E.M. 1-37917
- Fagnano, C. *see* Bertoluzza, A. 1-43113
- Fagot, H., Albe, F., Smigielski, P., Stimpfling, A., Arnaud, J.L. Control of aeronautical structures under fatigue testing by holographic pulsed laser interferometry 1-21680
- Fahy, D.W., Ferguson, E.E., Albritton, D.L., Fehsenfeld, F.C. Silicon ion chemistry in the ionosphere 1-44388
- Fahy, D.W. *see* Rowe, B.R. 1-43664
- Fahy, J.A., Williams, G.J.B., Haschke, J.M. The crystal structure of Pr-OSO_3 1-25238
- Fahidy, T.Z. *see* Vandergest, P. 1-8774
- Fahim, R.B., Zaki, M.I., Gabr, R.M. Effect of annealing on the texture of the $\text{ZnO-Cr}_2\text{O}_3$ system 1-48371
- Fahima, Y. *see* Segue, M. 1-33259
- Fahlander, C. *see* Dracoulis, G. 1-18540
- Fahlander, C. *see* Dracoulis, G.D. 1-18543
- Fahlander, C. *see* Poletti, A.R. 1-5674
- Fahlen, T.S. 200 W KrF gas transport laser 1-19349
- Fahleson, U.V. *see* Holmgren, G. 1-17727
- Fahleson, U.V. *see* Kelley, M.C. 1-17728
- Fahlman, G.G., Walker, G.A.H. The spectrum variations of HD 153919 1-9725
- Fahlman, G.G. *see* Gregory, P.C. 1-9734
- Fahsing, R.F. *see* Chum, H.L. 1-53636
- Fahnte, M. Distribution of magnetic dipole fields in amorphous ferromagnetic and speromagnetic alloys and in crystalline and amorphous spin glasses 1-20987
- Fahnte, M. *see* Herzer, G. 1-16441
- Fahrbach, E. *see* Brockmann, C. 1-54094
- Fahrbach, H.U., Koppendorfer, W., Munich, M., Neuhauser, J., Rohr, H., Schramm, G., Sommer, J., Holzhauser, E. Measurement of lower hybrid drift fluctuations in the boundary layer of a high-beta plasma by collective CO_2 laser light scattering 1-51937
- Fahrenbrucher, A.L. *see* Aronovich, J.A. 1-3004
- Fahy, F.J., Schofield, C. A note on the interaction between a Helmholtz resonator and an acoustic mode of an enclosure 1-19513
- Fai Lam, L.T. *see* Sin Fai Lam, L.T.
- Faile, S.P., Dabrowski, A.J., Huth, G.C., Iwanczyk, J.S. Mercuric iodide (HgI_2) platelets for X-ray spectroscopy produced by polymer controlled growth 1-3585
- Failly-Lovato, M. *see* Wautelet, M. 1-12060
- Faiman, D. Rotating prism wall as a passive heating element 1-32043
- Fain, J., Montret, M., Saharaoui, L. Thermoluminescent response of $\text{CaF}_2\text{:Dy}$ and LiF:Mg, Ti under heavy ion bombardment 1-948
- Fain, V.Ya. *see* Lebedeva, E.P. 1-4109
- Fainberg, A., Zucker, M.S. Nuclear methods for detecting a diversion of D_2O 1-14623
- Fainberg, A. *see* Gottesman, S.R. 1-10260
- Fainberg, B.D. Replacing a group of oscillators with one effective oscillator in electronic-vibrational spectra studies 1-45933
- Fainberg, B.D., Neporent, B.S. Spectral evidence of the reorganization of low-frequency intramolecular and intermolecular vibrations in electronic transitions. Realization of a four-level system of transitions 1-33452
- Fainberg, B.D. *see* Neporent, B.S. 1-48118
- Fainberg, E.B. Electromagnetic induction in the world ocean 1-22207
- Fainberg, E.B., Zinger, B.S. Electromagnetic induction in a non-uniform spherical model of the Earth 1-44095
- Fainberg, J. *see* Lin, R.P. 1-4887
- Fainerman, V.B. Kinetics of adsorption from solution at a deformable liquid interface 1-47329
- Faingold, M.I. The 'electric piston' effect and particle acceleration in an axisymmetric three-dimensional light spot 1-51353
- Fainman, Y., Lenz, E., Shamir, J. Contouring by phase conjugation 1-37434
- Fainshtein, A.G. *see* Manakov, N.L. 1-6212
- Fainshtein, V.G. *see* Eschevich, V.G. 1-11526
- Fainzil'berg, V.E., Belinskii, M.I., Tsukerblat, B.S. Effects of Dzialoshinskii exchange interaction in Mossbauer spectra of trimeric clusters 1-31078
- Faig, S. *see* Campbell, J.L. 1-27931
- Fair, B.C. *see* Simpson, R.A. 1-22677
- Fair, J., Madix, R.J. Low and high coverage determinations of the rate of carbon monoxide adsorption and desorption from $\text{Pt}(110)$ 1-8610
- Fair, J.A., Madix, R.J. A molecular beam investigation of the oxidation of CO on $\text{Pt}(9(11)\times(100))$ 1-8611
- Fair, R.B. On the role of self-interstitials in impurity diffusion in silicon 1-38593
- Fairall, A.P. Possible variations in the spectrum of the extreme Seyfert galaxy Fairall 9 (=ESO 113-IG45) 1-27614
- Fairall, C.W., Schacher, G.E., Davidson, K.L. Measurements of the humidity structure function parameters, C_q^2 and C_{Tq} , over the ocean 1-17645
- Fairall, C.W. *see* Crittenden, E.C., Jr. 1-22454
- Fairall, T. *see* McHardy, I. 1-54662
- Fairbairn, S.A., Hughes, G. A new technique for the measurement of vapour superheat in a vapour-liquid droplet flow 1-32990
- Fairbank, W.C. Rural development, agriculture and food 1-31998
- Fairbank, W.M., Jr. *see* Pan, C.L. 1-10690
- Fairbank, W.M., Jr. *see* She, C.Y. 1-42108
- Fairbank, W.M., Jr. *see* Solanki, R. 1-29259
- Fairbanks, J.W. *see* Patten, J.W. 1-31631
- Fairbanks, R.G., Wiebe, P.H. Foraminifera and chlorophyll maximum: vertical distribution, seasonal succession, and paleoceanographic significance 1-44212
- Fairchild, M.D., Jenden, D.J., Mickey, M.R., Yale, C. The quantitative measurement of changes in EEG frequency spectra produced in the cat by sedative-hypnotics and neuroleptics 1-17377
- Fairchild, P.W., Garland, N.L., Howard, W.E., III, Lee, E.K.C. A fluorescence monitor method for measuring effective absorption coefficients of molecular rovibronic transitions using tunable dye laser excitation: the case of absorber linewidth narrower than the laser linewidth applied to H_2CO 1-6230

- Fairchild, R.C., Fienup, J.R. Computer-originated hologram lenses 1-15114
- Fairchild, R.G. see Ettinger, K.V. 1-8134
- Fairchild, T. see Cowens, M.W. 1-19468
- Faircloth, R.L. Calculation of methane profiles in AGR graphite structures. Part I. Cylindrical geometry 1-45592
- Fairhead, J.D. see Chow, R.A.C. 1-27082
- Fairhead, J.D. see Coward, M.P. 1-22301
- Fairlie, D.B. Instantons 1-10092
- Fairlie, D.B. The interpretation of Higgs fields as Yang Mills fields 1-33114
- Fairweather, G., Navon, I.M. A linear ADI method for the shallow-water equations 1-76
- Faissner, W., Gettner, M., Johnson, J.R., Kephart, T., Pothier, E., Potter, D., Tautz, M., Conetti, S., Hoyvat, C., Ryan, D.G., Shahbazian, K., Stairs, D.G., Trischuk, J., Baranov, P., Hartmann, J.L., Orear, J., Rusakov, S., Vrieslander, J. Large-angle proton-proton elastic scattering at 201 and 400 GeV/c 1-45351
- Faissner, H., Frenzel, E., Heinrigs, W., Preusser, A., Samm, D., Samm, U. Limit on axion decay into an electron pair 1-14438
- Faissner, H. see Eggert, K. 1-14752
- Faist, A., Gay, J.B. Passive solar wall collectors 1-17256
- Faist, M.B. see Davidovits, P. 1-38524
- Faith, G. see Farina, C. 1-48561
- Faitelson, L.A. Rheological properties of filled polymer melts 1-41996
- Faitelson, L.A. see Gontsa, V.F. 1-15459
- Faith, D.C., III see Vallance, M. 1-9996
- Faith, W.N. see Porteus, J.O. 1-29311
- Faiziev, S.A. see Gaziev, U.Kh. 1-13157
- Fajer, J., Davis, M.S., Forman, A., Klimov, V.V., Dolan, E., Ke, B. Primary electron acceptors in plant photosynthesis 1-3757
- Fajfer, S., Stipevic, Z. Broken $SU_3 \times SU_3$ chiral symmetry and heavy pseudoscalar mesons 1-10139
- Fajfer, S., Stipevic, Z. Broken $SU(6)$ and the vector meson masses 1-40944
- Fajt, V. see Bohacek, J. 1-36685
- Fakhr, A. see Dalgleish, B.J. 1-8511
- Fakhrudin Ahmed, Nixon, E.R. Fluorescence of matrix-isolated Se_2 1-14869
- Fal'chenko, V.M. see Babei, Yu.I. 1-2673
- Fal'chenko, V.M. see Briik, V.B. 1-16091
- Falchenko, V.M. see Gertsriken, D.S. 1-20468
- Falchi, A., Donati, see Donati Falchi, A.
- Falciai, R. see Brenci, M. 1-1707, 1-46554
- Falciai, R. see Cecceacci, P.F. 1-41853
- Falco, C.M. see Cashion, J.D. 1-16514
- Falco, C.M. see Lee, T.W. 1-47808
- Falco, R.E. Combined simultaneous flow visualization/hot-wire anemometry for the study of turbulent flows 1-38034
- Falcon, C. see Daskhan, M. 1-46128
- Falcone, G., Oliva, A. Recalculation of the Brinkman potential constants by inversion of the scattering incomplete total cross-section 1-46056
- Falconer, E. see Grindie, S.P. 1-16695
- Falconer, I.S. see Campbell, D.J. 1-40839
- Falconer, P.D. see Falconer, P.E. 1-43837
- Falconer, P.E., Falconer, P.D. Determination of cloud water acidity at a mountain observatory in the Adirondack Mountains of New York State 1-43837
- Falcovitz, J. see Kaniel, S. 1-2013
- Faldt, A., Nilsson, P.O. Optical properties of thorium in the range 0.5-25 eV 1-3518
- Faldt, A., Nilsson, P.O. Optical properties of uranium in the range 0.6-25 eV 1-12592
- Faldt, A., Walden, L. Optical absorption of clean and water-vapour-exposed potassium 1-26291
- Faldt, A., Walden, L. Optical absorption of clean and water-vapour-exposed potassium 1-31210
- Faldt, G. Alignment effects in relativistic deuteron-nucleus stripping reactions 1-14504
- Faleev, N.N. see Labushkin, V.G. 1-25976
- Falgarone, E. see Combes, F. 1-13830
- Falicov, L.M. see Joos, B. 1-2912
- Falicov, L.M. see McMurray, R.E., Jr. 1-26122
- Falicov, L.M. see Thalmeyer, P. 1-12252, 1-52468
- Falik, D., Opher, R. Production of primordial helium and deuterium as a strong-field test of gravitation theory 1-54670
- Falik, D., Rosen, N. Particle field in bimetric general relativity 1-5168
- Falin, J.-L. see Gay, J. 1-4792
- Falk, C.F., Wilkinson, C.D., de Hollander, W.R. BWR radiation exposure—experience and projection 1-4368
- Falk, F. Model free energy, mechanics, and thermodynamics of shape memory alloys 1-25457
- Falk, G. see Ashmore, J.F. 1-43875
- Falk, H. Analytical capabilities of atomic spectroscopic methods using tunable lasers: a theoretical approach 1-18309
- Falk, H. Discrete-time, Glauber model as a generalized Ehrenfest urn model 1-27865
- Falk, H. Exact approach to equilibrium for the Glauber model of a one-dimensional Ising system with random $\pm J$ bonds 1-27897
- Falk, H., Tran Khien Tham N. An experimental study of the expansion process of the vapour cloud in open atomizers 1-11492
- Falk, J. see Guha, S. 1-19383
- Falk, J.C., Narducy, K.W., Cohen, M.S., Brunner, R. Transparent notch width sensitivity improvers for polycarbonate 1-48498
- Falk, M., Stoner, R. Possible layered structure in liquid CH_4-N_2 mixtures 1-38255
- Falk, M. see Westerhaus, W.J. 1-16558
- Falk, R. see Cohen, I. 1-39901
- Falk, R.A., Leap, D., Geballe, R. Photodetachment of K^- to the $4S_{1/2}$, $4P_{1/2}$, and $4P_{3/2}$ levels of K^- 1-1190
- Falk, S.W. The light curve epochs of supernovae explosions 1-40513
- Falk, W.R. Nuclear structure dependence in (p, α) analyzing powers? 1-33262
- Falk, W.R. see Debenham, P.H. 1-10566
- Falko, I.I. see Ignatov, A.V. 1-5298
- Falkovich, G.E. see L'vov, V.S. 1-51954
- Falkovskaya, L.D. see Ivanov, M.A. 1-47879
- Falkovskii, A.A., Brodovoi, A.V., Lashkarev, G.V. Magnetic susceptibility of narrow-gap semiconductors 1-42944
- Falkovskii, L.A. Anomalous skin effect for a rough surface in a magnetic field 1-52596
- Falkovskii, N.I. see Bozhko, I.V. 1-25106
- Falkowski, P.G., Dubinsky, Z. Light-shade adaptation of *Stylophora pistillata*, a hermatypic coral from the Gulf of Elat 1-35815
- Fall, S.M., Efstathiou, G. Formation and rotation of disc galaxies with haloes 1-4976
- Faller, J.E. see Decher, R. 1-44833
- Faller, D.L., Wolfe, T.C., Combs, J.F. An electrostatic precipitator for sample system use 1-28038
- Fallica, P.G., Lattuada, M., Riggi, F., Spitaleri, C., Vinciguerra, D. The Treiman-Yang criterion and its application to the study of quasi-free reactions at low energy 1-14532
- Fallica, P.G., Lattuada, M., Riggi, F., Spitaleri, C., Vinciguerra, D., Suter, C.M. Experimental test of the polar approximation in the quasi-free $^3\text{He}(^4\text{He}, \alpha)^4\text{He}$ reaction at low energy 1-50606
- Fallick, A.E. On the measurement of the valve-mixing correction of the changeover valve of a dual-inlet gas source mass spectrometer 1-371
- Fallows, T., Gane, C.R., Jones, R.C., Lis, J., Massey, T.H. CROSSMIX: a mathematical model of a multi-pass cross-flow heat exchanger with primary fluid mixing 1-28585
- Fallows, T. see Balfour, J.D. 1-28559
- Falls, O.B., Jr. Passive containment system overcomes class 9 accidents 1-50844
- Falls, O.B., Jr., Kleimola, F.W. The Passive Containment System—a new concept to solve safety concerns 1-865
- Fallside, F. see Young, S.J. 1-1783
- Falomkin, I.V. see Balestra, F. 1-28504
- Falomkin, I.V. see Nikhitii, F. 1-45544
- Faltermeier, B., Protz, R., Maier, M., Werner, E. Vibrational energy relaxation of O_2 in liquid mixtures with Ar and Ne 1-1325
- Falthammer, C.-G. see Shepherd, G.G. 1-9313
- Falvard, A. see Courau, A. 1-14440
- Family, F. Real-space renormalisation group approach for linear and branched polymers 1-5239
- Family, F. Polymer excluded volume exponent ν in three dimensions by direct renormalization 1-51326
- Family, F., Coniglio, A. Crossover from percolation to random animals and compact clusters 1-5244
- Fan, C.Y. see Hamilton, D.C. 1-17783
- Fan, C.Y. see Klecker, B. 1-40287
- Fan, C.Y. see Ma Sung, L.S. 1-40272
- Fan, C.F., Bard, A.J. Semiconductor electrodes. XXIV. Behavior and photoelectrochemical cells based on p-type GaAs in aqueous solutions 1-7728
- Fan, F.F. see Bard, A.J. 1-7727
- Fan, H.Y. see Geyer, F.F. 1-29335
- Fan, J.C.C., Gale, R.P., Davis, F.M., Foley, G.H. Heteroepitaxy of $Ge_{1-x}Si_x$ on Si by transient heating of Ge-coated Si substrates 1-42643
- Fan, J.C.C., Geis, M.W., Bor-Yue Tsaur. Lateral epitaxy by seeded solidification for growth of single-crystal Si films in insulators 1-48286
- Fan, J.C.C. see McClelland, R.W. 1-8229
- Fan, L.T., Shieh, J.H. Thermodynamically based analysis and synthesis of chemical process systems 1-17090
- Fan, L.T. see Too, J.R. 1-20400
- Fan, Z.Q. see Pai, S.I. 1-2024
- Fan Cheng-shan see Hua Zhong-yi 1-23384
- Fan Chongyong Tkhii see Ge, G.G. 1-54037
- Fan Foun-Chung see Foun-Chung Fan
- Fan Fu-Tian see Deng L. Qi-Dong 1-4433
- Fan Hai-fu, Han Fu-sen, Zheng Qi-tai, Gu Yuan-xin. The combination of anomalous scattering method and direct method 1-52093
- Fan Hai-fu, Zheng Qi-tai. Elimination of the four-fold ambiguities due to the arrangement of heavy atoms by making use of the direct method 1-25242
- Fan Hai-fu see Han Fu-sen 1-47022, 1-52023
- Fan Hai-fu see Li Peng-fei 1-25119
- Fan Jun-yin see Wu Cun-kai 1-51541
- Fan Wang see Wang Fan
- Fan Xian-He see Jia Shou-Quan 1-47236
- Fanale, F.P. see Nash, D.B. 1-17782
- Fananas, J.A., Cabello, A. Analysis of CO ($a^3\Pi$) vibrational distribution produced by photodissociation of CO_2 1-6233
- Fananas, J.A., Duenas see Duenas Fananas, J.A.
- Fanarev, G.A. see Volkomirskaya, L.B. 1-4419
- Fanchenko, M.S. see Kondratyuk, L.A. 1-36900
- Fanchiotti, A. see Andreotti, L. 1-17176
- Fandysushina, N.A. Kinematic model of movement of Earth crust blocks at the Garm geodynamic testing ground 1-9126
- Fanelli, A.R. High performance image processing and laser beam recording system 1-46246
- Fanelli, E. see Poeti, G. 1-20057
- Fang, C.J., Ley, L., Shanks, H.R., Gruntz, K.J., Cardona, M. Bonding of fluorine in amorphous hydrogenated silicon 1-39095
- Fang, C.J. see Ley, L. 1-53005
- Fang, C.J. see Shen, S.C. 1-12497, 1-12502
- Fang, D.J. 4/6-GHz ionospheric scintillation measurements 1-49454
- Fang, F.F. Effect of biaxial stress on Si(100) inversion layers [Shubnikov-de Haas effect] 1-12204
- Fang, G.Y. see Barber, D.P. 1-534, 1-28309
- Fang, H.L., Swofford, R.L. Highly excited vibrational states of molecules by thermal lensing spectroscopy and the local mode model. II. Normal, branched, and cyclo-alkanes 1-14860
- Fang, J., Fronsdal, C. Massless, half-integer-spin fields in de Sitter space 1-5216
- Fang, K. see Cao, J. 1-29923
- Fang, L.Z. On the surface states sustained by the electric field of rotating neutron stars 1-4935
- Fang, L.Z. Entropy generation in the early Universe by dissipative processes near the Higgs phase transition 1-5009
- Fang, L.Z. Stimulated recombination emission from rapidly cooling regions in an accretion disc and its application to SS 433 1-36307
- Fang, M.T.C., Ramakrishnan, S., Messerle, H.K. Scaling laws for gas-blast circuit-breaker arcs 1-11621
- Fang, M.T.C., Ramakrishnan, S., Messerle, H.K. Scaling laws for gas-blast circuit-breaker arcs during the high current phase 1-34155
- Fang, M.T.C. see Jones, G.R. 1-38173
- Fang, R. see Bedair, S.M. 1-16205
- Fang Beilong see Yang Qiqin 1-53429
- Fang Lishi, Zhang Jialu, Jiang Shudong. 'Abnormal' temperature profile solutions of accretion disc around black holes 1-40517
- Fang Lishi see Yin Qifeng 1-27452
- Fang Shue Feng see Shue Feng Fang
- Fang Ta-Ming see Ta-Ming Fang
- Fang-Xiao Dong see Dong Fang-Xiao
- Fanhua Yu see Yu Fanhua
- Fanjie Zeng see Zeng Fanjie
- Fanning, K.A., Byrne, R.H., Breland, J.A., II, Betzer, P.R., Moore, W.S., Elsinger, R.J., Pyle, T.E. Geothermal springs of the West Florida continental shelf: evidence for dolomitization and radiopaque enrichment 1-54066
- Fanning, M.O., Fitzpatrick, N.J. CNDO/INDO formalism for f block elements 1-41318
- Fano, U. Wave propagation and diffraction on potential ridge 1-19200
- Fano, U., Greene, C.H. Unfavored angular distributions 1-19202
- Fano, V. see Breschi, R. 1-16746
- Fanslow, J.L., Mulhail, B.D., Thomas, J.B., Purcell, G.H., Cohen, E.J., Rogstad, D.H., MacDoran, P.F., Skjerve, L.J., Melbourne, W.G., Spitzmeyer, D.J., Urech, J., Nicholson, G. Determination of UT1 and polar motion by the Deep Space Network using very long baseline interferometry 1-49195
- Fanslow, G.E., Blumh, D.D., Nelson, S.O. Dielectric heating of mixtures containing coal and pyrite 1-43080
- Fansten, M. Financing of renewable energy sources (solar, wind and biomass energy sources) 1-8648
- Fant, A., Jr. Low-frequency radio astronomy in Antarctica 1-54377
- Fant, B., Lonnroth, T., Rakkonen, V. In-beam study of ^{211}Po excited states 1-50484
- Fantana, N.L. Computation method for the magnetic field intensity produced by a coil segment 1-33593
- Fante, R.L. Electromagnetic beam propagation in turbulent media: an update 1-19245
- Fante, R.O. Some physical insights into beam propagation in strong turbulence [laser beam propagation] 1-4621
- Fantechi, R. see Allasia, D. 1-23495
- Fanti, C., Mantovani, F., Tomasi, P. New galactic sources in the BG catalogue: search at 1.4 GHz with the Westerbork Synthesis Radiotelescope 1-36424
- Fanti, R., Lari, C., Parma, P., Ekers, R.D. The polarization of the tail radio source B2 1615+35. A discussion of the physical conditions and acceleration mechanism in a tail radio source 1-49837
- Fantini, P. see Cancellieri, G. 1-6676

- Fantner, E.J. Stress dependence of quantum limit Hall effect and transverse magnetoresistance in n-InSb 1-30773
- Fantner, E.J. see Kuchar, F. 1-20753
- Fantoni, A.C., Filgueira, R.R., Boggia, L.M., Caminati, W. Microwave spectrum and conformation of thiomorpholine 1-51190
- Fantoni, R. see Giardini-Guidoni, A. 1-41494
- Fantoni, S. see Rosati, S. 1-9924
- Fantozzi, G. see Derep, J.L. 1-31567
- Fantozzi, G. see Malaprade, G. 1-39379
- Fanzelau, G., Ballani, L., Bottger, A. Approximate solution of ambiguity problems in inverse interpretation 1-40205
- Farabee, O.A. see Bennett, R.A. 1-18807
- Farabee, O.A. see Peckinpaugh, C.L. 1-18768
- Farach, H.A. see Smith, C.J. 1-47951
- Faraday, B.J. see Statler, R.L. 1-39799
- Farafonov, V.A. see Kirillov, P.L. 1-23740
- Farag, M. see Bishay, A. 1-31414
- Farag, N. see Shahin, F. 1-2126
- Farggiana, R. see van 't Veer-Menneret, C. 1-27512
- Farago, P.S. Spin-dependent features of electron scattering from optically active molecules 1-1368
- Farahmand, B. see Raftopoulos, D.D. 1-3877
- Farantos, S.C., Murrell, J.N. Application of the strong-coupling correspondence principle to atom-triatom collinear collisions 1-51278
- Farantos, S.C., Murrell, J.N. On the transition from quasiperiodic to stochastic classical motion on real polyatomic potential energy surfaces 1-53400
- Farassat, F., Nystrom, P.A. Isom's thickness noise formula for rotating blades with finite thickness at the tip 1-24596
- Farassat, F., Succi, G.P. A review of propeller discrete frequency noise prediction technology with emphasis on two current methods for time domain calculations 1-11243
- Farber, J., Marks, G.A., Roffwang, H.P. Rapid eye movement sleep PGO-type waves are present in the dorsal pons of the albino rat 1-26894
- Farber, W.W. Subject collector ratings to careful interpretation 1-39826
- Farberovich, O.V. Investigation of the band structure of samarium monochalcogenides under pressure 1-2872
- Farberovich, O.V. see Kurganskii, S.I. 1-25629, 1-47442
- Farberovich, O.V. see Kurganskii, S.L. 1-34623
- Farbshtein, I.I. see Berezhovets, V.A. 1-34767
- Farbade, M. What is a "gyrogon"? 1-5281
- Farcy, J.C. see Andre, M. 1-51469
- Farello, G.E. see Cumo, M. 1-28583
- Farge, Y. Emission of photons by undulators 1-29197
- Farge, Y. see Bazin, C. 1-23880, 1-41264
- Farge, Y. see Buras, B. 1-14716
- Farges, J.-P. Electronic properties and new forms of instabilities in TCNQ-salts with intermediate conductivity 1-42762
- Fargetton, H. see Glangeaud, F. 1-4714
- Fargion, D. see Belinsky, V. 1-142
- Fargues, D. see Belin, E. 1-31234
- Farhadieh, R. A study of the penetration of a hot liquid pool into a vertical solid surface 1-41182
- Farhadieh, R., Epstein, M., Bingle, J.D. Downward penetration of a hot liquid pool into an underlying meltable solid 1-50824
- Farhadieh, R., Gunther, W.H. One-dimensional penetration of molten UO_2 into substrate limestone concrete 1-835
- Farhat, N.H. Holography, wave-length diversity and inverse scattering 1-41602
- Farhat, N.H., Ho, C.Y. The virtual Fourier transform and its application in three dimensional display 1-41597
- Farhat, N.H. see Politch, J. 1-29228
- Farhi, E. Neutrino masses from quark-lepton transitions 1-18419
- Farhi, L.E. see Matalon, S.V. 1-26924
- Farhi, R. see Maluenda, J. 1-42777
- Farboosh, H., Zimmerman, R.L. Interior C-metric 1-44807
- Farboosh, H. see Zimmerman, R.L. 1-44802
- Farias, M.H. see Pena, J.L. 1-20253
- Farid, F. see Awad, M. 1-15582
- Farina, A. see Bencivenni, L. 1-1227
- Farina, A. see Nencivenni, L. 1-1228
- Farina, C., Faita, G., Bazzoni, B. Electrochemical and corrosion behaviour of iron in acetonitrile solutions 1-48561
- Farina, J.D., Narducci, L.M., Yuan, J.M., Lugliato, L.A. Time evolution of an optically bistable system—local relaxation and tunneling 1-1618
- Farina, J.D. see Bonifacio, R. 1-46429
- Farinella, P., Milani, A., Nobili, A.M. The measurement of the gravitational constant in an orbiting laboratory 1-36169
- Farinella, P. see Antonello, E. 1-17867
- Faris, G. see Miles, R. 1-11010
- Farish, O. see Ibrahim, O.E. 1-7027, 1-11624
- Farish, O. see Korasli, C. 1-19996
- Farish, O. see Lynch, B.R. 1-15591
- Farkas, E. see Hamori, I. 1-10767
- Farkas, S., Farkas, S. Up to date galvan techniques: developing an acidic copper bath of low metal content in the ORION 1-35535
- Farkas, S. see Farkas, S. 1-35535
- Farkas-Jahnke, M. see Beregi, E. 1-7101
- Farley, F.J.M. see Combley, F. 1-45288
- Farley, R.D. see Eirh-Yu Hsie 1-49353
- Farlik, A., Gross, B., Svejda, B. The application of densitometric technique to the study of the switching process 1-25069
- Farlow, N. see Hayes, D. 1-36033
- Farmakovskii, B.V., Starushko, A.V., Karasik, N.Ya. Electrical properties of cast microconductors of nickel alloys 1-47608
- Farmer, J.C. see Dawson, G.A. 1-17653
- Farmer, J.W. see Look, D.C. 1-50169
- Farmer, M. see Miles, D.W. 1-17349
- Farmer, W.M. Visibility of large spheres observed with a laser velocimeter: a simple model 1-10917
- Farmer, W.M. see Barnes, H.B. 1-6594
- Farmer, B.W. see O'Connor, D.J. 1-28824
- Farnell, G.C. The dependence of maximum density on chemical sensitization 1-17076
- Farnell, G.C., Solman, L.R. Further comments on the role of gold in sulphur plus gold sensitization 1-31882
- Farnell, G.C. see Jenkins, R.L. 1-14191
- Farnleitner, E. see Schnitzer, B. 1-29196
- Farnsworth, A.V., Jr. Power-driven and adiabatic expansions into vacuum 1-2207
- Farnsworth, A.V., Jr. see Sweeney, M.A. 1-45728
- Farooq, M.U. see Kalliat, M. 1-53417
- Farooq Ansari, A.A. see Gay, R.R. 1-50741
- Farooq Ansari, A.A. see Gitnick, B.J. 1-50740
- Farouki, R., Shapiro, S.L. Computer simulations of environmental influences on galaxy evolution in dense clusters. I. Ram-pressure stripping 1-44627
- Farouki, R., Shapiro, S.L. Computer simulations of environmental influences on galaxy evolution in dense clusters. II. Rapid tidal encounters 1-54601
- Farr, B.J. see Sckerka, R.F. 1-7649
- Farr, R.D. see Vayenas, C.G. 1-4173
- Farrag, A., Luc-Koenig, E., Sintel, J. Systematic trends of the relativistic f values for electric dipole transitions within the ground complex of B-like ions 1-6179
- Farrall, G.A., Hudda, F.G. The movement of elongated metal particles under high-voltage stress in vacuum 1-7017
- Farrar, E. see Dixon, J.M. 1-4485
- Farrar, G.R. Anomaly non-matching in composite models 1-14338
- Farrar, J.M. see Bilotta, R.M. 1-48665
- Farrar, J.M. see Hansen, S.G. 1-12985
- Farrar, N.R., Turner, T.W., Ashbee, K.H.G. The physical mechanisms responsible for deterioration in the properties of composite materials 1-43566
- Farrel, B.F. see Vessot, R.F.C. 1-27855
- Farrell, C.L. see Hoard, R.W. 1-48344
- Farrell, D.E., Tripp, J.H., Norgren, R., Teyler, T.J. A study of the auditory evoked magnetic field of the human brain 1-4303
- Farrell, D.E., Tripp, J.H., Zanzucchi, P.E., Harris, J.W., Brittenham, G.M., Muir, W.A. Magnetic measurement of human iron stores 1-8940
- Farrell, G., Eghawary, B.D. Bombardment-induced desorption of CO adsorbed on 304 stainless steel by low energy (75-1000 eV) light active and inert gas ions 1-25559
- Farrell, H.H. The coadsorption of I and Cl on Pt(111) 1-25573
- Farrell, H.H., Traum, M.M., Smith, N.V., Royer, W.A., Woodruff, D.P., Johnson, P.D. Photoelectron diffraction study of I chemisorbed on Ag(111) 1-39224
- Farrell, J.A. see Sekanina, Z. 1-22729
- Farrell, K. Microstructure and tensile properties of heavily irradiated 5052-O aluminum alloy 1-52181
- Farrell Epstein, M.A. see Viswanathan, K. 1-31868
- Farrier, D.R. see Knowles, J.B. 1-28675
- Farrington, G.C. see Dunn, B. 1-30461
- Farrow, M.M. see Lloyd, L.B. 1-18301, 1-23316
- Farrow, R.J. see Crane, L.W. 1-53134
- Farrow, R.L., Benner, R.E., Nagelberg, A.S., Matern, P.L. Characterization of surface oxides by Raman spectroscopy 1-31159
- Farrow, R.L., Rahn, L.A. Spatially resolved infrared absorption measurements: application of an optical Stark effect 1-51208
- Farrow, R.L. see Shelby, J.E. 1-12912
- Farshchi, M. see Jischke, M.C. 1-24789
- Fartum, P. see Kvernes, I. 1-30597
- Fartushnyi, A.V. see Demetii, S.V. 1-1031
- Farusi, A.R., Bond, C.C. Parallel readout multiwire proportional chambers for time resolved X-ray diffraction experiments [on muscle] 1-14729
- Farwell, D. see Schreyer, J.M. 1-8751
- Farwell, S.O., Liebowitz, D.P., Kagel, R.A., Adams, D.F. Determination of total biogenic sulfur gases by filter/flash vaporization/flame photometry 1-53492
- Farwick, D.G., Johnson, R.N. Wear and corrosion performance of metallurgical coatings in sodium 1-21598
- Farzan, T.O. see Garifullin, I.A. 1-47944
- Farzaneh, M., Destrieu, P. Automated system for low loss dielectric measurements under pressure 1-14142
- Farztdinov, M.M. see Doroshenko, R.A. 1-52799
- Fasakhov, S.A. see Krutogolov, V.D. 1-24899
- Fasana, A. see Abbati, I. 1-16177
- Fasano, V.A., Lombard, G.F., Benec, F., Taldì, S. New technologies in neurosurgery 1-8959
- Fasano, V.A., Lombard, G.F., Benec, F., Taldì, S. Preliminary observations on the simultaneous use of three laser sources (CO_2 ; Nd:YAG; argon) for the treatment of cerebral tumours 1-49090
- Fasel, H., Bestek, H. Investigation of nonlinear, spatial disturbance amplification in plane Poiseuille flow 1-42021
- Fasel, H. see Hama, F.R. 1-37892
- Fasel, H. see Eppler, R. (editor) 1-36458
- Fash, J.L. see Dillahunty, R.C. 1-22497
- Fasoli, U., Galeazzi, G., Pavan, P., Toniolo, D., Zago, G., Zannoni, R. A monocrystal of ^{59}Co as a nuclear orientation thermometer in neutron experiments with oriented targets 1-1047
- Fasoli, U., Pavan, P. Czochralski growing of cobalt single crystals 1-3614
- Fass, R. see Lemmert, P. 1-28376
- Fassbender, L.L. see Bloomster, C.H. 1-17150
- Fassel, V.A. see Floyd, M.A. 1-49399
- Fassel, V.A. see Houk, R.S. 1-50259
- Fassel, V.A. see Iles, M.K. 1-15188
- Fassler, D. see Gade, R. 1-13025
- Fast, R.W. see Craddock, W. 1-45768
- Fast, R.W. see Leung, E.M.W. 1-45760, 1-51693
- Fastenakel, D. see Brocas, J. 1-33447
- Fastie, W.G. see Clarke, J.T. 1-13724
- Fastie, W.G. see Henry, R.C. 1-9604
- Faszer, W., Tulip, J., Seguin, H. Comparison of two high-repetition-rate pulsed CO_2 laser discharge geometries 1-33706
- Fat-Halla, N., Takasugi, T., Izumi, O. On elastic incompatibility during the deformation of α - β brass two-phase bicroystals 1-31534
- Fat-Halla, N. see Takasugi, T. 1-15901
- Fateev, A.P., Ostroumov, P.N. The fringing field effect due to quadrupole lenses on the growth of effective emittance of the high intensity beam 1-28772
- Fateev, A.P. see Ostroumov, P.N. 1-23927
- Fateev, B.P. see Pichtele, A.I. 1-31960
- Fateev, V.A., Wiegmann, P.B. The exact solution of the s-d exchange model with arbitrary impurity spin S (Kondo problem) 1-38907
- Fateev, V.A. see Romanov, V.N. 1-10131
- Fateev, V.N., Vlas'ev, V.P., Antonova, L.L., Kondrat'ev, V.A., Pakhomov, V.P. Electrochemical investigation of the mechanism of silverless physical development of zinc oxide photographic materials 1-23351
- Fatheddin, A. see Pai, R.Y. 1-15709
- Fathy, D. see Cosslett, V.E. 1-390
- Fatimi, A. see Habetler, G. 1-45585
- Fatkullin, R.G., Khussainov, B.G. Determination of meniscus height 1-228
- Fatt, I. see Hayashi, T.T. 1-17417
- Fattah Nazir, A. see Kaneti, J. 1-14886
- Fatula, J.J., Standley, C.L. Improved signal output 1-36644
- Fatulescu, I. see Zugravescu, D. 1-44071
- Fat'yanova, N.B. see Palatnik, L.S. 1-43356
- Faubel, M., Kohl, K.H., Toennies, J.P. Molecular beam time of flight measurements of resolved rotational transitions for $He+N_2$, CO , and CH_4 collisions 1-1333
- Faubert, D. see Chrostowski, J. 1-10997
- Fauchais, P. see Elchinger, M.F. 1-2719
- Fauchais, P. see Vardelle, A. 1-34123, 1-48255
- Faucher, M., Pannetier, J. Refinement of the Y_2O_3 structure at 77K 1-30161
- Faucher, M. see Dexpert-Ghys, J. 1-39152
- Faudou, J. see Koch, H.R. 1-10584
- Faugham, B.W., Crandall, R.S. Electrochromic displays based on WO_3 1-26172
- Faught, P. see Jarbo, G.J. 1-5984
- Faul, D.D. see Berman, B.L. 1-18637
- Faulconner, P. see Olivier, J. 1-8169
- Faulhaber, K.H. see Frehland, E. 1-48967
- Faulkner, J. see Millis, R.L. 1-54408
- Faulkner, J. see Taam, R.E. 1-9506
- Faulkner, J.R. Incidence geometries of Lie groups in quantum theory 1-5124
- Faulkner, T.R., Morley, J.P., Richardson, F.S., Schwartz, R.W. The lanthanide crystal field in cubic $Cs_2NaLnCl_6$ elpasolites 1-2925
- Faustlich, R. On the transfer of line radiation in random magnetic fields 1-4764
- Faure, A. see Izbiicki, J.-L. 1-24570
- Faure, A. see Maze, G. 1-24559

- Faure, C., Dubuisson, B., Samson-Dollfus, D. Segmentation of an experimental signal from morphological descriptors applied to an electroencephalogram 1-40017
- Faure, F. *see* Brunet, A. 1-11623
- Faure, H., Fontes, J.C., Hebrard, L., Monteillet, J., Pirazzoli, P.A. Geoidal change and shore-level tilt and along Holocene estuaries: Senegal River area, West Africa 1-53955
- Faure, J.L. *see* Argan, P.E. 1-28331, 1-33190
- Faure, R. *see* Desrousseaux, G. 1-47656
- Faure Brac, G. *see* Auguères, J.L. 1-40791
- Faust, H.R. *see* Schreckenbach, K. 1-45551
- Faust, W. *see* Munzenberg, G. 1-50695
- Faust, W. *see* Schmidt, K.-H. 1-50688
- Favstov, R.N. *see* Levchenko, N.A. 1-37372
- Fauth, D.J. *see* Reif, D.J. 1-18865
- Fautrelle, Y.R. Analytical and numerical aspects of the electromagnetic stirring induced by alternating magnetic fields 1-46819
- Favale, L. *see* Basile, M. 1-10188, 1-51066
- Favard-Sereno, C. *see* Anxolabehere, D. 1-36475
- Favennec, P.N., Henry, L., Gauneau, M., L'Haron, H., Pelous, G. Open ampoule diffusion in InP 1-2476
- Favero, P.G. *see* Cazzoli, F. 1-14871
- Favier, B. *see* Besset, D. 1-10375
- Favier, B. *see* Foroughi, F. 1-28339
- Favier, J. *see* Alkhalaf, O.C. 1-45773
- Favier, J. *see* Aubert, J.J. 1-5630
- Favier, J.J. Macroscopic segregation. I. Unified analysis during non-steady state solidification 1-26463
- Favier, J.J. Macroscopic segregation. II. A comparative study of theories 1-26464
- Favin, S. *see* Schetz, J.A. 1-19742
- Favini, G. *see* Todeschini, R. 1-41512
- Favorin, Yu.A. *see* Maidanik, V.N. 1-10420
- Favorskii, A.L. The properties of small spherical particles with dipole interaction 1-52808
- Favorskij, A.P. *see* Gamali, E.G. 1-11515
- Favorsky, A.P. *see* Golovizin, V.M. 1-34113
- Favre, A., Keller, H.J. Local image transformation: an application in biological electron microscopy 1-53947
- Favre, P. *see* Choquard, Ph. 1-36596
- Favre Bonte, M., Bletry, J., Hicter, P., Desre, P.J. Neutron diffraction by liquid segregated copper-lead alloys 1-25144
- Favre-Bonte, M., Joud, J.C., Hicter, P., Desre, P. Calculation of the partial structure factors in binary liquid alloys by a thermodynamical approach 1-30045
- Favstov, Yu.K. *see* Konoplev, L.N. 1-21489
- Faw, R.E. *see* Ryman, J.C. 1-18916
- Fawcett, B.C., Ridgeley, A. Analysis of $n=3$ to $n=4$ spectra for ions from Mg X to Fe XXIV and P XI, XII 1-33409
- Fawcett, B.C., Ridgeley, A., Hatter, A.T. Spectra of transitions within the second shell belonging to elements between argon and vanadium 1-28914
- Fawcett, D.A. Hoidal research in the areas of coal exploration, mining and preparation 1-4148
- Fawcett, V. *see* Bertoluzza, A. 1-43113
- Faxvog, F.R. *see* Vansteenkiste, T.H. 1-50240
- Fay, D., Appel, J. Coexistence of p-state superconductivity and itinerant ferromagnetism 1-12228
- Fay, D. *see* Appel, J. 1-7856
- Fay, J. *see* Burg, J.P. 1-23912
- Fay, J.A. Risks of LNG and LPG 1-39729
- Fayad, N.K. *see* Dyke, J.M. 1-33436
- Fayans, S.A. *see* Mikaclyan, L.A. 1-5617
- Fayard, C., Lamot, G.H. Recent developments in the understanding of the π NN system 1-28503
- Fayard, C., Lamot, G.H., Mizutani, T. The effect of pion absorption on π d elastic scattering from threshold to the resonance region 1-583
- Fayard, L. *see* Bizot, J.C. 1-10243
- Fayek, M.K., Bahgat, A.A. Determination of preferred sites of Fe^{2+} in the lattices of $W_{1-x}Fe_x$ hexaferrite crystal of $Ba^{2+}Fe_{2-x}^{2+}Fe_{x-1}^{3+}O_{7-2x}$ from Mossbauer spectral study 1-31065
- Fayek, M.K. *see* Bahgat, A.A. 1-34962
- Fayer, M.D. *see* Olson, R.W. 1-15965
- Fayer, Yu.N. *see* Vodolazkin, V.I. 1-22586
- Fayet, J.C. *see* Buzare, J.Y. 1-31025
- Fayet, J.C. *see* Emery, J. 1-25667
- Fayet, J.C. *see* Pezeril, M. 1-16039
- Fayet, P. Effects of the spin-1 partner of the Goldstone (gravitino) on neutral current phenomenology 1-5558
- Fayet, P. Parity violation effects induced by a new gauge boson 1-14267
- Fayet-Bonnel, M. *see* Buzare, J.Y. 1-31025
- Fayeton, J.A. *see* Brenot, J.C. 1-41284
- Faynberg, V.S. *see* Gurvich, A.M. 1-39990
- Faynzil'berg, S.N. *see* Bezrodnyy, M.K. 1-29678
- Fayolle, B. *see* Laurepre, F. 1-51327
- Fayyazuddin *see* Riazzuddin 1-14304
- Fazal-e-Aleem Van der Waals type model for neutron-proton elastic scattering at high energies 1-50466
- Fazal-e-Aleem *see* Saleem, M. 1-589, 1-41011, 1-50459
- Fazekas, P. Mott versus Anderson localization in $1T-TaS_2$ 1-12034
- Fazekas, P. Electron probe measures signal waveforms in integrated circuits 1-45086
- Fazekas, P., Friend, R.H., Marzaglia, E.A. Model for the impurity-induced stabilization of the intermediate phase in Ti_2O_3 1-12048
- Fazekas, P. *see* Wolfgang, E. 1-28137
- F.A.Zhuravel. *see* Zhuravel, F.A.
- Fazio, A. *see* Di Fazio, A.
- Fazio, G. *see* Arena, N. 1-50491
- Fazliev, V.Kh., Devyatov, A.M., Makarychev, S.V. Excitation of Sr atoms in a hollow-cathode discharge 1-28894
- Fazlieva, A.Z. *see* Ignat'ev, Yu.G. 1-40689
- Fazzini, T.F. *see* Bizzetti, P.G. 1-5690
- Fazzio, A. *see* Pavao, A.C. 1-24019
- Fazzobre, R.A. *see* Smith, C.B. 1-31991
- Feagans, D.E. *see* Beebe, D.C. 1-35924
- Fearing, H.W. Comparison of proton-proton bremsstrahlung data at 42 and 156 MeV with soft photon calculations 1-5781
- Fearing, H.W. NN and NN interactions 1-50515
- Fearing, H.W. *see* Rogers, J.G. 1-23660
- Fearn, D.R., Loper, D.E. Compositional convection and stratification of Earth's core 1-44149
- Fearn, R.W. Hearing levels in school children aged 9-12 years and 13-16 years associated with exposure to amplified pop music and other noisy activities 1-51661
- Feast, M.W., Catchpole, R.M., Carter, B.S., Roberts, G. A period-luminosity relation for supergiant red variables in the Large Magellanic Cloud 1-13779
- Feaver, J.L. An autocannensing densitometer with DC motor stepping system 1-5428
- Feber, R.C. *see* Behrens, R.G. 1-31895
- Febve, D.M. *see* Le Febve, D.M.
- Fechner, E. *see* Grimmer, A.-R. 1-34959
- Fedak, I., Pringle, R.D., Curtis, G.H. Electric field induced changes in the selective reflection band of cholesteric liquid crystals 1-31128
- Fedak, I. *see* Shanks, I.A. 1-26171
- Fedchenko, I.S. *see* Albul, V.I. 1-23993
- Fedchenko, R.G. *see* Chizhek, A. 1-48427
- Fedchenko, R.G. *see* Dekhtyar, I.Ya. 1-7208, 1-12597
- Fedchuk, I.U. *see* Nalimov, I.P. 1-1519
- Fedder, J.A. *see* Lyon, J. 1-17735
- Fedders, H. *see* Savvidis, E. 1-39838
- Fedders, P.A. *see* Sankey, O.F. 1-20441
- Feder, P. *see* Bauer, P. 1-15763
- Feder, R., Kirschner, J. Spin-polarized low-energy electron diffraction: Theory, experiment and analysis of results from $W(001)(1 \times 1)$ 1-46961
- Feder, R. *see* Spiller, E. 1-6689
- Federer, B. Current problems in cloud physics 1-13544
- Federici, L., Giordano, G., Matone, G., Pasquariello, G., Picozza, P.G., Caloi, R., Casano, L., De Pascale, M.P., Mattioli, M., Poldi, E., Schaefer, C., Vanni, M., Pelfer, P., Prosperi, D., Frullani, S., Girolami, B. Backward Compton scattering of laser light against high-energy electrons: the LADON photon beam at Frascati 1-29240
- Federico, B. *see* Bottari, A. 1-4437
- Federman, S.R. Evidence for shocked interstellar gas toward the Perseus OB2 association 1-22872
- Federman, S.R., Glassgold, A.E., Jenkins, E.B., Shaya, E.J. The abundance of CO in diffuse interstellar clouds—an ultraviolet survey 1-44601
- Fedi, F. *see* Barbaliscia, F. 1-54157, 1-54161
- Fedi, F. *see* Damosso, E. 1-54163
- Fedin, K.I. *see* Klekovin, V.A. 1-27264
- Fedina, I.G. *see* Litovskii, E.Ya. 1-27969
- Fedina, L.G. *see* Dukhopel, I.I. 1-1520
- Feditchkin, G.M. *see* Lazarev, E.M. 1-35259
- Fed'ko, Yu.P. *see* Bartenev, S.S. 1-39494
- Fedor, B.J. *see* Young, N.E. 1-6028
- Fedor, J. *see* Young, N.E. 1-6028
- Fedorchenko, A.M. *see* Zadorozhnyi, V.L. 1-41786
- Fedorchenko, A.T. Method of calculation of two-dimensional nonstationary flows of a viscous gas in nozzles 1-24863
- Fedorchenko, D.G. *see* Tseitlin, V.I. 1-30310
- Fedorchenko, G.L. The iron abundance reduced to the Kurucz-Peytremann oscillator strengths scale 1-49594
- Fedorchenko, I.M. Progress in work in the field of high-porosity materials from metal powders and fibers 1-3653
- Fedorchenko, I.M., Kostornov, A.G., Kirichenko, O.V., Chernyshev, L.I., Perepelkin, A.V. Some characteristic features of the production of extruded nickel fibers 1-31384
- Fedorchenko, I.M., Nenakhov, A.V., Beloborodov, I.I. Antifriction properties of a PTFE-impregnated porous skeleton 1-35400
- Fedorchenko, I.M., Shevchuk, Yu.F., Moroshnikov, V.N., Tuznikov, A.F. Frictional properties of sintered iron-base materials with calcium fluoride additions in liquid sodium and sodium vapor 1-21597
- Fedorchenko, I.M. *see* Denisenko, E.T. 1-39384
- Fedorchenko, I.M. *see* Kuschchevskii, A.E. 1-21385
- Fedorenko, A.M. *see* Grigor'yants, V.V. 1-33680
- Fedorenko, O.M. *see* Bardin, D.Yu. 1-5627, 1-18408
- Fedorons, V.N. A model for the acceleration of electrons in radio-galaxy clouds 1-44647
- Fedoret, I.D., Mishchenko, V.M., Popov, A.I., Storizhko, V.E. Angular correlations in the reaction $^{94}Zr(p,n\gamma)^{94}Nb$ 1-699
- Fedoret, I.D., Mishchenko, V.M., Zalyubovskii, I.I., Popov, A.I., Storizhko, V.E. Differential cross-sections of the $^{73}Ge(p,n)^{73}As$ reaction 1-642
- Fedoret, V.N. Surface-acoustic-wave absorption in a piezoelectric-semiconducting film-metal structure 1-38639
- Fedoret, V.S. *see* Abramov, B.M. 1-992
- Fedorin, A.K., Tsvit, V.A., Borisov, V.N., Tikhonov, T.S. Application of water-repellent coatings at substitutions of chemical works 1-53322
- Fedorishcheva, E.E., Fridman, L.A., Tabachnik, V.P., Chernova, G.S. Induction on the surface of a solid body beneath the pole-piece of an electromagnet with rod core 1-37386
- Fedorov, A.A. *see* Arkhangel'skaya, V.A. 1-12541
- Fedorov, A.A. *see* Ovsyankin, V.V. 1-12550, 1-48154
- Fedorov, A.B. *see* Alekseev, V.P. 1-27275
- Fedorov, A.I. *see* Korskoy, E.L. 1-18258
- Fedorov, A.I. *see* Kostin, M.N. 1-51499
- Fedorov, A.I. *see* Tarasenko, V.F. 1-51509
- Fedorov, A.L. *see* Khodzhaev, A.I. 1-33595
- Fedorov, A.M., Krestovskii, V.V., Shcheglov, V.A. Condition and prospects of metrological provisions for the uniformity of voltage measurements at frequencies up to 3 GHz 1-292
- Fedorov, A.N. *see* Basov, N.G. 1-6596
- Fedorov, B.N. *see* Bekrenev, A.N. 1-14097
- Fedorov, E.P. On the coordinate systems used in the study of polar motion 1-44076
- Fedorov, F.I. Covariant calculation of matrix elements 1-28196
- Fedorov, G.A. Optimization of collimating devices of gamma-cameras with time modulation of the signal 1-404
- Fedorov, G.M. *see* Kask, N.E. 1-31611
- Fedorov, G.M. *see* Klokhan, E.L. 1-43225
- Fedorov, K.N., Brown, D.A., Turner, J.S. The thermohaline finestructure of the ocean 1-5039
- Fedorov, K.N., Ginzburg, A.I., Zatsenap, A.G., Krasnopevtsev, A.Yu., Pavlov, A.M., Shapovalov, S.M., Piterberg, L.I. Experimental recording of temperature and salinity in the surface layer of the ocean with an AIST probe 1-54274
- Fedorov, K.N. *see* Karabasheva, E.I. 1-4524
- Fedorov, M.V. *see* Andryushin, A.I. 1-1192
- Fedorov, M.V. *see* Bergou, J. 1-15060
- Fedorov, N.F., Heiden, C. Some observations on the influence of oxygen on the resistive behavior of superconducting vanadium foils 1-52737
- Fedorov, N.F., Mel'nikova, O.V., Degen, M.G., Pivovarov, A.P. Growth kinetics of ferromagnetic lithium and neodymium niobate crystals [$Li_{1-x}Nd_xNb_2O_6$] 1-7103
- Fedorov, N.F., Mel'nikova, O.V., Saltykova, V.A., Smirnov, Yu.N., Suikovskaya, N.G., Arsitarkov, A.I. Electrical properties of the compound $12H-La_2Ti_2O_{12}$ [and preparation] 1-34972
- Fedorov, O.P. *see* Alfintsev, G.A. 1-20092
- Fedorov, P.B. *see* Krysko, V.A. 1-51713
- Fedorov, P.P. *see* Gorbulev, V.A. 1-35241
- Fedorov, P.P. *see* Morozov, V.I. 1-38581
- Fedorov, S.V. *see* Semin, E.G. 1-43646
- Fedorov, V.A. *see* Kostylev, A.A. 1-15665
- Fedorov, V.A. *see* Pashinkin, A.S. 1-16673
- Fedorov, V.B., Shorshorov, M.Kh., Kalashnikov, E.G., Petrunichev, V.A., Kulikov, I.S. On the analysis of the conditions for homogeneous nucleation and dispersion of substances 1-17113
- Fedorov, V.B. *see* Kalashnikov, E.G. 1-48713
- Fedorov, V.B. *see* Mitsal, V.N. 1-6636
- Fedorov, V.B. *see* Verbovetskii, A.I. 1-51600
- Fedorov, V.G., Alekseeva, L.E., Novikov, N.N. Influence of hydrogen on the γ - α transformation in steel and on its structural state 1-12741
- Fedorov, V.I. *see* Baranov, Yu.F. 1-6954
- Fedorov, V.M., Elagin, V.I., Sizova, R.M., Sokolov, A.S. Heat treatment of high-strength granulated aluminum alloy 1-3803
- Fedorov, V.M. *see* Bliznyukov, S.A. 1-45775
- Fedorov, V.M. *see* Korshunov, A.N. 1-42535
- Fedorov, V.N., Khan, M.G., Grishina, T.N. Recrystallization of low-alloy Cu-Cr-Zr alloys 1-3779
- Fedorov, V.V., Kachmar, B.Ch., Antonevich, P.M., Bichuya, A.L. An investigation of the surface activity of gases by a method of electrical conductivity in an alternating current 1-34583
- Fedorov, V.V. *see* Grushko, A.I. 1-41339
- Fedorov, V.V. *see* Zolot'ko, A.S. 1-35067
- Fedorov, Yu.A. *see* Sop'nikov, M.D. 1-23189
- Fedorov, Yu.I. *see* Dorman, L.I. 1-11512, 1-36124
- Fedorov, Yu.I. *see* Molodnyakov, S.P. 1-43685

- Fedorov, Yu.K. *see* Zhmyreva, I.A. 1-43179
 Fedorov, Yu.V. *see* Vyskubov, V.P. 1-46919
 Fedorova, E.T. *see* Kotov, I.I. 1-31624
 Fedorova, G.A. *see* Fedorova, N.S. 1-1507
 Fedorova, G.V. *see* Pronina, E.M. 1-31510
 Fedorova, I.L. *see* Roman, O.V. 1-35266
 Fedorova, N.S., Fedorova, G.A. Relationship between MTF and visual resolution of a telescope 1-1507
 Fedorova, V.A., Loseva, E.I., Donskoi, E.S., Barabash, G.F. Effect of sodium sulfate on the decolorization of lead-free glasses 1-12895
 Fedorova, V.A. *see* Ratych, L.V. 1-35479
 Fedorova, V.N. *see* Remizova, A.A. 1-19555
 Fedorovich, E.D. *see* Andreev, P.A. 1-28568
 Fedorovich, N.A. Diffusion of cobalt in silicon dioxide films 1-25508
 Fedorovskaya, T.M. *see* Butslov, M.M. 1-36184
 Fedorovskii, A.D. Systems approach to designing complicated optical equipment 1-29370
 Fedoruk, R.M. *see* Pitak, N.V. 1-12701
 Fedorus, G.A. *see* Gorbik, P.P. 1-34782
 Fedorus, G.A. *see* Kantaria, R.V. 1-30786
 Fedorushchenko, A.A. *see* Ponomarev, Yu.N. 1-35399
 Fedorushkov, B.G. *see* Burkov, V.I. 1-43099
 Fedoryuk, M.V. *see* Tyutkin, V.V. 1-10891
 Fedoseev, D.V., Deryagin, B.V. Colloidal aspects in theory of diamond crystallization 1-7102
 Fedoseev, D.V., Deryagin, B.V., Varshavskaya, I.G., Lavrent'ev, A.V., Matveev, V.V. Homogeneous formation of metastable carbon phases at high degree of supersaturation 1-43662
 Fedoseev, V.A. Momentum losses in the flow of a forming aerodisperse system through a nozzle (of combustion chamber) 1-46822
 Fedoseeva, O.P. *see* Aleksandrov, A.A. 1-51038
 Fedoseevskii, V.V. *see* Shostakovskii, M.F. 1-21726
 Fedosejers, R., Richardson, M.C. Feedback stabilized actively mode-locked Nd: phosphate glass laser 1-1584
 Fedosejers, R. *see* Burgess, M.D.J. 1-51991
 Fedosejers, R. *see* Tomov, I.V. 1-33728
 Fedosenko, Yu.K. Theory of eddy-current inspection with transducers with a nonuniform coil winding density 1-39579
 Fedosimov, A.I. *see* Barikhin, B.A. 1-1592
 Fedosov, V.N., Chursina, E.I. Magnetic dipole in a ferromagnet containing a Bloch wall 1-25971
 Fedosov, V.N., Paripiskii, A.V. Excitation of polarization waves in ferroelectric materials with domain walls 1-21151
 Fedosov, V.N. *see* Minakov, V.I. 1-25973
 Fedosov, V.N. *see* Postnikov, V.S. 1-3158
 Fedosov, Yu.A. Stability of toroidal panels subject to external pressure 1-24713
 Fedosyuk, R.M. *see* Gridnev, S.A. 1-7225
 Fedosyuk, R.M. *see* Jerzak, S. 1-38971
 Fedotkin, A.S. *see* Pavlovskii, A.I. 1-18931
 Fedotkin, K.Ya. *see* Nikol'skii, A.P. 1-21804
 Fedotov, A.F. *see* Ivanov, A.I. 1-17000
 Fedotov, A.O. *see* Mezhev-Deglin, I.P. 1-20916
 Fedotov, A.V. *see* Ammosov, V.I. 1-40980
 Fedotov, A.V. *see* Efremenko, V.I. 1-33173
 Fedotov, I.F. *see* Mazmanishvili, A.S. 1-989
 Fedotov, N.A. *see* Pavlov, K.B. 1-51869
 Fedotov, N.S. *see* Gurkova, S.N. 1-25250
 Fedotov, S.I. *see* Basov, N.G. 1-6596, 1-6597
 Fedotov, S.N. *see* Volkov, N.G. 1-41270
 Fedotov, V.D., Ebert, A., Schneider, H. Nuclear spin-lattice relaxation of the dipolar energy in linear polyethylene 1-47964
 Fedotova, L.S. *see* Alekseenko, M.F. 1-16886
 Fedotova, T.D. *see* Moroz, N.K. 1-6283
 Fedotovsky, A., Lehovec, K., Park, Y.K. Temperature dependence of metal-nitride-oxide-silicon currents at constant oxide fields 1-38852
 Fedrowitz, W., Pliskin, W.A. The evaporation capability of various glasses 1-16697
 Fedtke, C. Practical possibilities for the energy storage in biological systems 1-35666
 Fedulov, I.A. *see* Deryugin, I.A. 1-1599
 Fedulov, V.V. *see* Emel'yanov, I.Ya. 1-28641
 Feduska, W., Rosey, R. An advanced technology iron-nickel battery for electric vehicle propulsion 1-53588
 Fedysainova, N.I. *see* Egorushkin, V.E. 1-30382
 Fedyanina, V.K., Yushankhai, V.Yu. Soliton contribution to the dynamic structure factor of a uniaxial ferromagnet 1-47850
 Fedyanin, V.K., Gavrilenko, G.M. On formation of energetic particle beams by crystals in channeling 1-38414
 Fedyanin, V.K. *see* Gavrilenko, G.M. 1-52192
 Fedyanin, V.K. *see* Tovbin, Yu.K. 1-25575
 Fedyk, J.D. *see* Baudais, F.L. 1-17108
 Fedynsky, V.V. *see* Obolgov, T.I. 1-22272
 Fedysheim, M.J. *see* Dutchak, Ya.I. 1-2327
 Fee, D.C., Johnson, C.E. Cesium thermomigration and reaction in nuclear fuels 1-33293
 Fee, D.C., Johnson, C.E. Fuel-cladding chemical interaction in uranium-plutonium oxide fast reactor fuel pins 1-35422
 Fee, D.C. *see* Johnson, C.E. 1-18770
 Fee, J.A. *see* Dunham, W.R. 1-21055
 Feeley, J.J., Tylec, J.L. Current applications of optimal estimation and control theory to the LOFT reactor plant 1-50905
 Feely, H.W. *see* Moor, W.S. 1-9178
 Feely, H.W. *see* Yuan-Hui Li 1-27171
 Feeney, J. *see* Roth, K. 1-41403
 Feeney, R.K., Hertling, D.R. Electron impact multiple ionization cross sections of Cs⁺ ions 1-37331
 Feeney, R.K. *see* Hughes, D.W. 1-23921
 Feenstra, R.M., McGill, T.C. Exciton capture cross sections of indium and boron impurities in silicon 1-39153
 Fegan, D.J., O'Brien, D., O'Sullivan, C.T., McBreen, B. A search for prompt transient emission of high energy γ -rays ($\geq 10^{12}$ eV) from supernovae 1-9727
 Fegan, D.J. *see* Danaher, S. 1-44672
 Fegley, R.W., Ellis, H.T., Heffter, J.L. Volcanic contributions to the stratospheric sulfate layer 1-22427
 Feher, G. *see* Butler, W.F. 1-26877
 Fehervari, J., Magyar, A. Software-hardware structure of CT scanners 1-13321
 Fehervari, J., Mezo, L. Basic principles of the CT-system 1-13319
 Fehrenbach, C., Burnage, R. Radial velocities of 713 stars belonging to four 4°×4° fields measured with the 620 mm objective prism at Haute-Provence Observatory 1-49615
 Fehrenbach, Ch. Supergiant stars in the Large Magellanic Cloud. The significance of class I luminosity 1-49661
 Fehrenbach, Ch. *see* Audouze, J. 1-36297
 Fehrenbach, P.J. *see* Allan, C.J. 1-50894
 Fehrenbach, W., Dreher, R., Meier, G. Liquid crystals. A bibliography for 1978 1-34
 Fehrmann, U., Mussig, H.-J., Storbeck, F., Thielsch, R., Uhlmann, K. Nitrogen segregation on the (100) surface of an austenitic chromium-nickel steel studied by LEED and AES 1-20525
 Fehse, H.F. *see* von Dinkelage, R.-D. 1-26788
 Fehsenfeld, F.C. *see* Fahey, D.W. 1-44388
 Fehsenfeld, F.C. *see* Perry, R.A. 1-17649
 Fehsenfeld, F.C. *see* Rowe, B.R. 1-39589, 1-43664
 Fehsenfeld, F.C. *see* Viggiano, A.A. 1-13537
 Fei Zheng-Sheng *see* Zheng-Sheng Fei
 Fei-Ming Tong *see* Bajaj, J. 1-34632
 Feibelman, P.J. Local field at an irradiated adatom on jellium—exact microscopic results 1-20846
 Feibelman, P.J. Renormalization bottleneck in Auger initiated desorption 1-38658
 Feibelman, P.J. Structure of 'carbide' and 'graphitic' phases on Ru (0001) 1-52637
 Feibelman, P.J., Hamann, D.R., Himpel, F.J. Site and nature of H bonding on Ti (0001) 1-3038
 Feibelman, W.A., Bogges, A., Hobbs, R.W., McCracken, C.W. Electron densities for six planetary nebulae and HM Sagittae derived from the C III λ 1907/1909 ratio 1-22860
 Feibelman, W.A., Klingensmith, D.A., III Saturn's E ring revisited 1-17787
 Feibelman, W.A. *see* Kafatos, M. 1-36303, 1-36304
 Feibelman, W.A. *see* Kondo, Y. 1-27559
 Feichtner, J.D. *see* Gottlieb, M. 1-51603
 Feichuk, P.I., Panchuk, O.E., Shcherbak, L.P. Diffusion and deviation from stoichiometry in CdTe 1-16092
 Feierberg, M.A., Drake, M.J. The meteorite-asteroid connection: the infrared spectra of eucrites, shergottites, and Vesta 1-27434
 Feiffer, L.I. *see* Nazmeev, Yu.G. 1-11404
 Feigelman, M., Pokrovsky, V. Long-range order and diffraction of X-ray waves on multilayered crystalline films 1-34225
 Feigelman, M.V. One-dimensional periodic structure in a weak random potential 1-7542
 Feigelson, R.S., Route, R.K. New materials for acousto-optic devices 1-15236
 Feigelson, R.S. *see* Ahn, K.S. 1-3610
 Feigelson, R.S. *see* Borshevsky, A. 1-21432
 Feigelson, R.S. *see* Ellwell, D. 1-35190
 Feigelson, R.S. *see* Rao, G.M. 1-21369
 Feigenblatt, R. *see* Geschwind, S. 1-48083
 Feigler, C.S., Corderman, R.R., Bobashev, S.V., Lineberger, W.C. Binding energies and structure of transition metal negative ions 1-45915
 Feigler, C.S., Corderman, R.R., Lineberger, W.C. Electron affinities of B, Al, Bi, and Pb 1-46149
 Feigin, A.I. *see* Bezruk, S.M. 1-17354
 Feigin, L.A. *see* Vainshtein, B.K. 1-17342
 Feigon, V.A. *see* Borisov, A.B. 1-42382
 Feijon, J., Chia-Wei Woo, Rajan, V.T. Statistical calculation for a model ferromagnetic liquid 1-12249
 Feijoo, R.A., Jospin, R.J., Bevilacqua, L., Taroco, E. A curvilinear finite element for shells of revolution 1-11300
 Feilthauer, R. *see* Blum, W. 1-12839
 Feilitzsch, F. *see* von Feilitzsch, F.
 Fein, E. The market potential for electrolytic hydrogen 1-32055
 Feinauer, L.R., Wells, J.C., Davis, P.R. Pre-test calculations of LOFT nuclear tests L2-2 and L2-3 with the RETRAN computer code 1-5933
 Feinberg, A. *see* Perry, C.H. 1-35041
 Feinberg, J., Hellwarth, R.W. Phase-conjugating mirror with continuous-wave gain 1-29340
 Feinendegen, L.E. Radiation problems in fusion energy production 1-49132
 Feinendegen, L.E., Cronkite, E.P., Bond, V.P. Radiation problems in fusion energy production 1-43920
 Feiner, L.F., van Staple, R.P. Comment on the second-order phase transition in FeCr₂S₄ 1-11861
 Feingold, S.J., Peres, A. How often are Bell's inequality premises violated? 1-92
 Feinleib, J. *see* Schmutz, L.E. 1-46583
 Feinstein, A. *see* Vega, E.I. 1-9514
 Feinstein, J.G., Naft, B.N., Nieto, J.M., McIntosh, W.H. Procedures barriers, state variables, and processes important to near-field analysis 1-847
 Feinstein, S.P., Girard, M.A. Automated holographic drop-size analyzer 1-37437
 Feio, M.A., Policarpo, A., Charkap, G., Sauli, F. Scintillation efficiency of gas proportional scintillation counters 1-18963
 Feio, M. *see* Alegria *see* Alegria Feio, M.
 Feisfeld, M.J., Flicker, H., Goldblatt, M. Analysis of the Fourier transform spectrum of ¹³C₁₈O₂ in the 4.3- and 16- μ m regions 1-14884
 Feissel, M. On the computation of accurate Earth rotation by the classical astronomical method 1-49193
 Feissel, M., Gambis, D. The detection of short term fluctuations in the length of day 1-53953
 Feit, M.D., Fleck, J.A. Calculation of dispersion for two optical fiber profiles by the propagating beam technique 1-6678
 Feit, M.D., Fleck, J.A., Jr. Mode properties and dispersion for two optical fiber-index profiles by the propagating beam method 1-6660
 Feix, M. *see* Munier, A. 1-54350
 Fejer, A.G. *see* Sammelis, A.F. 1-53558
 Fejer, B.G., Kelley, M.C. Ionospheric irregularities 1-13641
 Fejer, B.G. *see* Richmond, A.D. 1-9317
 Fejer, E.E. A simple graphical method for obtaining reasonably accurate cell dimensions from X-ray powder photographs of hexagonal and tetragonal minerals 1-29992
 Fekel, F.C. *see* McAlister, H.A. 1-9576
 Fekel, F.C., Jr. The close multiple system μ Orionis: masses and the mass-luminosity relation 1-49734
 Fekeshgazi, I.V. *see* Mozol, P.E. 1-19381
 Fekete, D., Streifer, W., Scifres, D.R., Burnham, R.D. High-speed laser modulation with integrated optical injection 1-37502
 Felbeck, D.K. *see* Li-Chung Jea 1-21579
 Felber, F.S. Fueling moving ring field-reversed mirror reactor plasmas 1-902
 Felber, F.S. Suppression of optical beam filamentation in plasmas and saturable dielectrics 1-46459
 Felch, K.L., Busby, K.O., Layman, R.W., Walsh, J.E. Cerenkov and Cerenkov-Raman masers: experiments 1-10951
 Felcher, G.P., Cable, J.W., Zheng, J.Q., Ketterson, J.B., Hilliard, J.E. Neutron diffraction analysis of a compositionally modulated alloy of nickel-copper 1-12263
 Feld, M.S., MacGillivray, J.C. Superradiance 1-51435
 Feld, M.S. *see* MacGillivray, J.C. 1-51432
 Feld, M.S., Letokhov, V.S. (editor) Coherent nonlinear optics. Recent advances 1-49890
 Feld, S.Ya. On the geometrical optics of large-aperture uniform noncircular-cross section fibers 1-1710
 Feld, S.Ya. *see* Dyachenko, A.A. 1-6673
 Feld'bus, V.I. Controllable transparency for image contouring 1-51378
 Felde, D.K., Musicki, Z., Abdel-Khalik, S.I. Growth of volumetrically-heated pools in miscible gas-releasing solid beds 1-5880
 Felder, R. *see* Cerez, P. 1-36612
 Felder, R.D. *see* Hofsteezer, J.H. 1-4142
 Felder, R.M., Arce-Medina, E. Radiotracer measurement of particle deposition and reentrainment in an electrostatic precipitator 1-39691
 Feldgandler, E.G., Kazakova, G.V., Shapovalov, E.T., Savkina, L.Ya. Corrosion resistance of high-strength stainless martensitic-aging steels 1-26677
 Feldgun, L.I. *see* Kurdyumov, A.V. 1-3687
 Feldhaus, J. *see* Jaeger, R. 1-20562, 1-52421
 Feldhaus, J. *see* Stohr, J. 1-28915
 Feldkamp, G.B., Fienup, J.R. Noise properties of images reconstructed from Fourier modulus 1-54394
 Feldkamp, L.A., Davis, L.C. X-ray photoemission spectra of core levels in Ni metal 1-21325
 Feldkamp, L.A., Davis, L.C. Asymptotic theory and core level X-ray photoemission spectra 1-26368

- Feldman, B.J., Duisman, J.A. Room-temperature photoluminescence in spray-pyrolyzed CdS 1-48129
- Feldman, B.J., Fisher, R.A., Shapiro, S.L. Ultraviolet phase conjugation 1-41793
- Feldman, B.J. see Wei-Chung Chen 1-43202
- Feldman, D.W. see Kasner, W.H. 1-46291
- Feldman, E.P. see Grishin, A.M. 1-2441
- Feldman, G., Fulton, T., Heckathorn, D.L. Gauge invariance of relativistic two-particle bound-state energies. II. Invariant subsets in perturbation theory 1-5483
- Feldman, G.F. see Scharre, D.L. 1-45292
- Feldman, G.J. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Feldman, G.J. see Dorfan, J.M. 1-41020
- Feldman, G.J. see Himel, T.M. 1-18482
- Feldman, G.J. see Scharre, D.L. 1-18485
- Feldman, I.G. see Bar, S.E. 1-5451
- Feldman, L.C. see Culbertson, R.J. 1-30536
- Feldman, L.C. see Jackman, T.E. 1-16647
- Feldman, L.C. see Stensgaard, J. 1-34559
- Feldman, L.C. see Tolk, N.H. 1-33420
- Feldman, M.J., Rudner, S., Claeson, T. Basic Josephson tunnel parameters at microwave frequency—a reassessment 1-7784
- Feldman, M.J., White, J.R. Remotex—a new concept for efficient remote operations and maintenance in nuclear fuel reprocessing 1-18843
- Feldman, M.J., White, J.R. Remotex—a new concept for efficient remote operations and maintenance in nuclear fuel reprocessing 1-50910
- Feldman, P.A. see Kondo, Y. 1-54609
- Feldman, P.D. Periodic Comet Encke 1-9430
- Feldman, P.D. see A'Hearn, M.F. 1-49575
- Feldman, P.D. see Anderson, D.E., Jr. 1-44354
- Feldman, P.D. see Clarke, J.T. 1-13724
- Feldman, R.B. see Partlow, W.D. 1-46928
- Feldman, R.D., Hammond, R.H., Geballe, T.H. Epitaxial growth of $\text{Al}_5\text{Nb}_3\text{Si}$ 1-53091
- Feldman, U., Doschek, G.A., Kreplin, R.W., Mariska, J.T. High-resolution X-ray spectra of solar flares. IV. General spectral properties of M type flares 1-49588
- Feldman, U. see Doschek, G.A. 1-9443
- Feldman, U. see McKenzie, J.L. 1-32674
- Feldman, U. see Mariska, J.T. 1-9450, 1-49719
- Feldman, V.G. see Sidorov, V.A. 1-8324
- Feldman, Y., Tauber, G.E. The internal state of a gas of particles with spin 1-44794
- Feldmann, M. see Detain, J. 1-16164
- Feldmann, P., Le Gall, H., Desvignes, J.M., Guillot, M., Marchand, A. Faraday rotation in single crystal erbium iron garnet 1-26176
- Feldmann, P. see Guillot, M. 1-52747
- Feldmann, P. see Picard, J. 1-25990
- Feldmeier, H. One-body dissipation and fluctuation in heavy ion collisions 1-45521
- Feldmeier, H. see Bartel, J. 1-18676
- Feldmeier, H. see Blocki, J. 1-36960
- Feldshteyn, Ya.I. see Afonina, R.G. 1-4711
- Feldshteyn, Ya.I. see Porchkhidze, Ts.D. 1-22632
- Feldstein, C., Meerbaum, S., Lewis, G., Culler, V. Transducers for myocardial research 1-40032
- Felgeres, L. Calculation of the internal damage done during drawing. The case of a cylindrical specimen subjected to several passes through the forming tool 1-3774
- Felgeres, L. Faults in deepdrawing. Local cross-sectional contraction and shear on flat-bottomed cylindrical and conical deepdrawn products 1-26496
- Felice, F. de see de Felice, F.
- Felice, F. de see De Felice, F.
- Felici, S. see Boldori, P. 1-41202
- Felicio, J.R. Drugowich de see Drugowich de Felicio, J.R.
- Felinski, G.S. see Kondilenko, I.I. 1-21175
- Felippa, C.A., Park, K.C. Staggered transient analysis procedures for coupled mechanical systems: Formulation 1-9824
- Felix, F.W., Benavent, W.E.M., Muller, M. Reactor-induced bubble formation in potassium iodide single crystals 1-2527
- Felix, J.C. see Combronde, J. 1-48248
- Felix, R. see Schultz, E. 1-49116
- Felix, V.P. see Sundarasingh, V.P. 1-39243
- Felker, P., Hayes, D.M., Hull, L.A. The calculation of monocyclic molecular structures using MINDO/3 1-14822
- Fell, A.F. Present and future perspectives in derivative spectroscopy 1-31945
- Fellegvari, I., Pardavi-Horvath, M. Precise adjustment of magnetic properties of bubble garnet wafers by etching 1-7904
- Feller, D., Borden, W.T., Davidson, E.R. Calculation of zero field splitting parameters for trimethylenemethane 1-51143
- Feller, D., Katriel, J., Davidson, E.R. The cyclic isomer of CO_2 1-24023
- Feller, D. see Davidson, E.R. 1-28886
- Feller, P. see Aston, D. 1-14399, 1-45297, 1-50442
- Feller, P.A. see Nishiyama, H. 1-40014
- Feller, S. see Alys, J.A. 1-31413
- Fellers, C. see Carlsson, L. 1-12796
- Fellers, R.G. see Thompson, J.E. 1-25117
- Fellgett, P.B., Usher, M.J. Fluctuation phenomena in instrument science 1-218
- Felli, M., Johnston, K.J., Churchwell, E. An unusual radio point source in M17 1-49776
- Felli, M. see Donati Falchi, A. 1-9627
- Felli, M. see Harten, R.H. 1-54493
- Fellmuth, B., Kruger, H., Rudolph, R., Herrmann, R. Determination of the cyclotron masses of the conduction band of $\text{Bi}_{1-x}\text{Sb}_x$ near the semimetal-semiconductor transition 1-16218
- Fellmuth, B. see Herrmann, R. 1-34612
- Fellmuth, B. see Rudolph, R. 1-26112
- Fellows, S.K., Rothbaum, H.P., Stewart, M.K., Widdowson, J.P. Availability of large quantities of low-deuterium hydrogen, and possible uses 1-32056
- Felner, I., Nowik, I. Itinerant-electron ferromagnetism in RRh_2B_4 ($\text{R}=\text{Y}, \text{Lu}, \text{La}, \text{Eu}^{3+}$) 1-30985
- Felner, I. see Monod, P. 1-16426
- Felner, I. see Shaltiel, D. 1-26014
- Felock, R.D. see Tobin, M.S. 1-6543
- Felps, W.S. see McGlynn, S.P. 1-37170
- Felpts, W.S. see McGlynn, S.P. 1-41377
- Felsager, B., Leinaas, J.M. A generalization of the non-linear σ -model to four dimensions 1-50299
- Felsager, B. see Ambjorn, J. 1-10076
- Felsch, K.-O., Piesche, M. Current and heat movement between two rotating discs at varying direction of flow 1-37949
- Felsch, W., Kushnir, S.G., Samwer, K. Crystal-field effects and magnetic interactions in amorphous $\text{Ce}_{99}\text{Al}_{11}$ 1-25903
- Felsch, W. see Aarts, J. 1-34898
- Felsen, L.B. Hybrid ray-mode fields in inhomogeneous waveguides and ducts 1-46604
- Felsen, L.B. see Cho, S.H. 1-11026
- Felsen, L.B. see Santana, C. 1-6629
- Felsen, L.B. see Topuz, E. 1-29178
- Felsen, M.-F., Regnier, P. Creep of bamboo-structure copper wires in and out of the stress range of diffusion-controlled deformation 1-43446
- Felsen, M.-F. see Regnier, P. 1-43445
- Felsenfeld, G. see McGhee, J.D. 1-8809
- Felst, R. see Bartel, W. 1-18500, 1-45253, 1-45254
- Felst, R. see O'Neill, L.H., Jr. 1-50443
- Felsteiner, J., Gertner, I., Benguigui, L., Opher, R. Compton scattering study in the liquid-crystal and solid phases of DHAB 1-31222
- Felsteiner, J. see Rosenberg, A. 1-24381
- Felsterfalvi, J. see Kroo, N. 1-25809, 1-38866
- Felsterfalvi, J. see Szabo, P.P. 1-950, 1-28835
- Felter, T.E., Weinberg, W.H. A model of ethylene and acetylene adsorption on the (111) surfaces of platinum and nickel 1-47381
- Feltgen, R. Potential model for the interaction of two like S state atoms involving spin symmetry 1-46051
- Feltham, P. see Butt, M.Z. 1-3760
- Felton, R.C. see Birch, K.P. 1-28991
- Feltz, A., Burckhardt, W. Glass formation and properties of halogenide systems. XXIII. On glass formation in the system Hg-Ge-Se-Te 1-30079
- Feltz, A., Ludwig, W., Senf, L., Simon, C. Glass formation and properties of halogenide systems. XXII. The phase diagram of the system PbSe-GeSe_2 and on the compound Pb_2GeSe_4 1-31438
- Feltz, K.A., Jr., McNamara, D.H. Color excesses of classical Cepheids. II 1-27531
- Feltz, K.A., Jr. see McNamara, D.H. 1-27595
- Fenchak, V.A. see Anikeev, B.V. 1-41711
- Fenchak, V.A. see Dlugach, Zh.M. 1-49556
- Fender, D.H. see Hadani, I. 1-13246
- Fendt, A. see Kaiser, W. 1-15228
- Fenech, H., Langley, S. Uncertainties in the calculated radial power peaking, F_N 1-50853
- Fenelli, N.E. see Wei, R. 1-43514
- Fenelonov, V.B. see Tiskova, L.T. 1-16833
- Feng, A.S. Directional characteristics of the acoustic receiver of the leopard frog (*Rana pipiens*): A study of eighth nerve auditory responses 1-13255
- Feng, B. see Shen, M. 1-6637, 1-6638
- Feng, D.H. see Pinkston, W.T. 1-28398
- Feng, D.H. see Zhukov, M.V. 1-10339
- Feng, I.J., Zakowicz, W., Pratt, R.H. Problems in estimating average degree of ionization for high-temperature dense plasmas 1-46947
- Feng, T. see Ghosh, A.K. 1-4203, 1-12126
- Feng, V.Eu.M., Henderson, W.B., Kim, H.B., Whelan, J.M. Cr profiles in semi-insulating GaAs after annealing with and without SiO_2 encapsulants in a H_2/As_2 atmosphere 1-2490
- Feng, Z.Y. see Barber, D.P. 1-28309
- Feng Bao-hua see Pan Shao-hua 1-51520
- Feng Chao, B., Gilbert, F. Autoregressive estimation of complex eigenfrequencies in low frequency seismic spectra 1-27077
- Feng Chin-Hu see Chin-Hu Feng
- Feng Da Hsuan see Da Hsuan Feng
- Feng Da-jun see Wang Cheng-xu 1-48789
- Feng De-ying, Wang Zhou-Yuan, Gu Jin-Ping, Sheng Guo-Ying, Li Ke-Long. Anomalous variations of seismic velocity ratio before the Songpan-Pingwu earthquake ($M=7.2$) of 1976 1-4428
- Feng Duan see Ge Chuan-zhen 1-52095
- Feng Duan see Xu Xiu-ying 1-48026
- Feng Duan see Duan Feng
- Feng Fang Shue see Shue Feng Fang
- Feng Guohua see Guohua Feng
- Feng Ke-An. Anomalous sound attenuation near the nematic-smectic A phase transition of a liquid crystal 1-42470
- Feng Min-ying see Li Guo-dong 1-52753
- Feng Ren-Fa see Wu Xi-Zhen 1-45410
- Feng Ren-Fa see Zhang Xi-Zhen 1-45411
- Feng Rui, He Zheng-qin. Q-value for surface waves in the eastern region of Xizang Plateau 1-22222
- Feng Wen-Lin see Liu Ruo-Zhuang 1-7552
- Feng Xi-Zhang, Zhao Zhen-Lan, Tang Nai-Xun. Selection of the measuring time in the absolute counting of radioactivity 1-41287
- Feng Yu-guo, Xu Ting-wei. The appropriate test domes for pumping speed measurement 1-40807
- Fenichel, H., Gabelmann-Gray, L. Holographic interferometry applied to measurements of diffusion in liquids 1-46259
- Fenici, P., Ruedl, E., Schiller, P. Fractographic studies as a means for determining deformation processes in $\text{Al-Al}_2\text{O}_3$ alloys 1-26573
- Fenici, R. see Barbanera, S. 1-53851
- Fenimore, E.E., Evans, W.D., Klebasadel, R.W., Laros, J.G., Terrell, J. Spectral evolution of the 5 March 1979 γ burst 1-36435
- Fenimore, E.E. see Burek, A.J. 1-54435
- Fenina, V.V. see Arsenyev, P.A. 1-26244
- Fenkart, R.P. 'Quasi-' and 'semipirical' lower mass-limits for the three-colour-photometrically defined halo-population 1-27604
- Fenkartaraman, G. see Sood, A.K. 1-47187
- Fenker, H. see Bergier, A. 1-10275
- Fenker, H. see Chung, S.U. 1-41006
- Fenlan Lan see Lan Fenlan
- Fenn, J.B. Order from chaos with molecular beams 1-46106
- Fennell, J.F. see Blake, J.B. 1-40273
- Fennelly, A.J. Observer frame rotation rates and magnetic fields in spatially homogeneous universes 1-50001
- Fennelly, A.J., Evans, C.R. Magnetohydrodynamic perturbations of Robertson-Walker universes and of anisotropic Bianchi type-I universes 1-36439
- Fennich, P.A. see Opachko, I.I. 1-1140
- Fenske, G.R., Bandopadhyay, G. Response of high-burnup fuel to simulated thermal transients 1-10483
- Fenster, R. see Colton, E. 1-23915
- Fenstermacher, C. High-energy, short pulse, carbon-dioxide lasers at Los Alamos Scientific Laboratory 1-10519
- Fenstermacher, C. High-energy short-pulse carbon dioxide lasers 1-19361
- Fenton, G.S., Gerofi, J.P. Critical analysis of a proposed solar assisted HTE desalination system. I 1-8668
- Fenton, J.D. see Rienecker, M.M. 1-51792
- Fenuyk, A. see Barth, M. 1-41018, 1-45377
- Fenyets, T. In-beam nuclear structure studies in the A~100 region 1-14493
- Fenyets, T. see Arvay, Z. 1-23937, 1-28414
- Fenyets, T. see Dombady, Z. 1-45424
- Fedodosiev, S.B. see Morgun, V.N. 1-47603
- Feofilov, P.P. see Arkhangelskaya, V.A. 1-12541, 1-33694
- Feofilov, P.P. see Karapetyan, V.E. 1-48155
- Fekhtistov, A.I. see Bulgakov, V.V. 1-23603
- Fekhtistov, I.Yu. see Kovalev, I.D. 1-24945
- Fekhtistov, K.P. see Bruns, A.V. 1-27441
- Fekhtistov, L.P. see Avrorin, E.N. 1-24975
- Feraday, M.A., Grolway, C.M. The development of lower enrichment fuels for Canadian Research Reactors 1-50772
- Ferarri, A., Massaglia, S. Propagation of strong electromagnetic beams in inhomogeneous plasmas 1-2197
- Ferbel, T. see Berg, D. 1-28320
- Ferbel, T. see Collick, B. 1-45290
- Ferbel, T. see Jonckheere, A. 1-51013
- Ferber, M.K., Brown, S.D. Subcritical crack growth in dense alumina exposed to physiological media 1-3953
- Ferber, P.W., Caley, R.J., Mohan, R. Computerized verification of radiotherapy treatments 1-22129
- Ferch, J., Masche, C., Raith, W. Total cross section measurement for e-CO_2 scattering down to 0.07 eV 1-41491
- Ferchak, J.D., Pye, E.K. Utilization of biomass in the US for the production of ethanol fuel as a gasoline replacement. I. Terrestrial resource potential 1-53680
- Ferchak, J.D., Pye, E.K. Utilization of biomass in the US for the production of ethanol fuel as a gasoline replacement. II. Energy requirements, with emphasis on lignocellulosic conversion 1-53681
- Ferchlander, W., Schutte, D. Solvable model for pion-pion S and P waves derived from nonconvariant perturbation theory 1-23570
- Ferdighini, E.M. see Barbi, M. 1-39911
- Ferdinando, H. see Van Camp, E. 1-18621
- Ferenzi, G. Properties of an extended defect in $\text{Ga}_{2.6}\text{P}_{3.8}$ 1-30672

- Ferenczy, L. M-fitting in the processing of magnetotelluric data 1-13590
- Ferentino, G. *see* Brooks, M. 1-22261
- Ferer, M., Van Dyke, J.P., Camp, W.J. Effect of a cubic crystal field on the critical behavior of a 3D model with Heisenberg exchange coupling: a high-temperature series investigation 1-52792
- Feresin, A.P. *see* Abdurakmanov, S.R. 1-668
- Feretti, L., Giovannini, G. Radio observations at 408 MHz of E and S0 nearby galaxies 1-36401
- Ferguson, A.B., Jr. *see* Brown, T.D. 1-17428, 1-32154
- Ferguson, B.G. An automatic system for measuring ionospheric absorption using a pulse reflection technique 1-32551
- Ferguson, B.G. Central meridian passage dates of coronal holes, inferred from east-west solar scans at 692 and 1415 MHz, for the period January 1968-January 1974 1-54468
- Ferguson, D.C., Boriakoff, V., Weisberg, J.M., Backus, P.R., Cordes, J.M. Discovery of mode switching in PSR 1824+18 1-49700
- Ferguson, E.E. *see* Arnold, F. 1-54198, 1-54199
- Ferguson, E.E. *see* Fahey, D.W. 1-44388
- Ferguson, E.E. *see* Perry, R.A. 1-17649
- Ferguson, E.E. *see* Rowe, B.R. 1-43664
- Ferguson, E.E. *see* Viggiano, A.A. 1-13537
- Ferguson, I., Pyper, N.C. A configuration interaction study of the water molecule and interpretation of the Walsh diagram 1-14829
- Ferguson, J. *see* Dubicki, L. 1-1266
- Ferguson, J. *see* Dunand, A. 1-31877, 1-35554
- Ferguson, J., Goley, A.B. (editor) Uranium in the Pine Creek Geosyncline. Proceedings of the International Uranium Symposium 1-9772
- Ferguson, J.F. *see* Campbell, J.C. 1-45015
- Ferguson, R.D., von Meerwall, E. Free-volume interpretations of self-diffusion in ternary solutions: n-paraffin-hexafluorobenzene-cis-4-polybutadiene 1-16076
- Ferguson, R.D. *see* von Meerwall, E.D. 1-2864
- Ferguson, R.I. Topologic asymmetry of drainage networks: the L index and its applications 1-27216
- Ferguson, R.L. *see* Bemis, C.E., Jr. 1-36972
- Ferguson, R.L. *see* Gavron, A. 1-33270
- Ferguson, R.L. *see* Plasil, F. 1-50691
- Ferguson, R.L. *see* Young, G.R. 1-14534
- Ferguson, T. *see* Bebek, C. 1-33191
- Ferguson, T. *see* Chadwick, K. 1-33192
- Ferguson, W.G. *see* Lai, M. 1-4012, 1-12857
- Ferguson, W.I. SCF-Cl calculations of the potential energy curve and one-electron property curves of the $X^1 \Pi$ ground state of NO 1-45840
- Ferla, C. *see* Bonissoni, G. 1-11068
- Ferland, G.F. On the distance and luminosity of nova DQ Herculis 1-40493
- Ferland, G.J. Hydrogenic emission and recombination coefficients for a wide range of temperature and wavelength 1-27372
- Ferland, G.J., Truran, J.W. On the carbon composition of the ejecta of DQ Herculis 1-17845
- Ferleger, V.K. *see* Nizhnaya, S.L. 1-31254
- Ferlet, R., Vidal-Madjar, A., Laurent, C., York, D.G. The interstellar medium on the gamma Cassiopeiae line of sight 1-44604
- Ferlet, R. *see* Prevot, L. 1-13846
- Ferloni, P. *see* Bjorkstam, J.L. 1-7973
- Fermi, F. *see* Bertoldi, P.G. 1-2498
- Fermigier, M., Jenner, P., Charmet, J.C., Guyon, E. A non-Perturbative anisometric and flow visualization technique 1-15559
- Fernald, R.D., Liebman, P.A. Visual receptor pigments in the African cichlid fish, *Haplochromis burtoni* 1-8869
- Fernandes, P., Parodi, R. Design of RF resonant cavities with minimum surface electric field for a superconducting multicell e^- linear accelerator 1-37030
- Fernandez, E. *see* Derrick, M. 1-45261
- Fernandez, F., Nalda-Garcia, J.C. On the anomalous behaviour of the P^4He elastic scattering polarization around 30 MeV 1-36942
- Fernandez, F.M., Castro, E.A. Comments about simultaneous hyperviral relationships 1-23042
- Fernandez, F.M. *see* Castro, E.A. 1-37093
- Fernandez, J. *see* Tello, M.J. 1-42533
- Fernandez, J.C., Yang, W.S., Shih, H.D., Jona, F., Jepsen, D.W., Marcus, P.M. The 2×1 reconstruction of the Ge(001) surface 1-38631
- Fernandez, L. *see* Talia, J.E. 1-12936
- Fernandez, M., Baonza, J., Albella, J.M., Martinez-Duart, J.M. Influence of electrolytes in the electrical characteristics of anodic films on tantalum 1-52665
- Fernandez-Navarrete, L. *see* Albella, J.M. 1-21364
- Fernandez-Nunez, J. *see* Chamorro, A. 1-44766
- Fernandez-Pello, A.C. *see* Ray, S.R. 1-24661
- Fernando, P.L., Williams, J.G. Plane stress and plane strain fractures in polypropylene 1-35362
- Fernando, R.P. *see* Arnold, G.S. 1-6362
- Fernelius, N.C. Photoacoustic experimental studies on an AR coated laser window and some related theoretical calculations 1-37595
- Fernelius, N.C. Calculations using a two-layer Rosenzweig-Gershko photoacoustic spectroscopy theory applied to an anti-reflective coated laser window 1-37596
- Fernholt, L., Samdal, S., Seip, R. The molecular structures of gaseous tetramethyurea and tetramethylthiourea as determined by the electron-diffraction method 1-51293
- Fernholt, H.H., Finley, P.J. A critical commentary on mean flow data for two-dimensional compressible turbulent boundary layers 1-11386
- Fernholz, H.H. *see* Vagt, J.D. 1-2121
- Fernie, J.D. 89 Herculis: further misdemeanors 1-54487
- Fernique, X. Asymptotic behaviour of some random functions 1-14065
- Fernow, R. *see* Chung, S.U. 1-14423, 1-41006, 1-45362
- Fernow, R.C. *see* Crabb, D.G. 1-14413
- Fernow, R.C. *see* Crosbie, E.A. 1-45340
- Feron, J.-L. *see* Forey, P. 1-38328
- Feronov, A.D., Kuleshov, V.V., Dudkevich, V.P., Fesenko, E.G. Properties of a dense chemically pure $PbTiO_3$ ceramic 1-31107
- Ferran, A. *see* Buscarlet, L.A. 1-40027
- Ferran, J. *see* Le Floch, A.C. 1-6239
- Ferran, L. G. *see* Souza Nobrega, M.C. 1-3770
- Ferrando, A. *see* Aguilar-Benitez, M. 1-5646, 1-23517
- Ferrando, A. *see* Loverre, P.F. 1-18511, 1-18512
- Ferraro, G., Hausler, G. TV optical feedback systems 1-1675
- Ferraro, G., Hausler, G., Maitre, H. Picture processing in (x,y,t)-domain with TV-optical feedback methods 1-41590
- Ferrante, G. Quasistatic-field approximation to laser-assisted particle scattering 1-24337
- Ferrante, G., Fioridino, E., Cascio, L.O. Multiphoton emissions in laser-assisted soft X-ray absorption 1-33437
- Ferrante, G. *see* Cavaliere, P. 1-19191
- Ferrante, G.A. *see* Donnelly, J.P. 1-12113
- Ferrante, M.J. *see* Beyer, R.P. 1-31900
- Ferrante, R.F. *see* Stwalley, W.C. 1-1079
- Ferrante, R.F. *see* Webber, R.W.H. 1-268
- Ferrara, M. *see* Catalano, I.M. 1-3437
- Ferrara, S., van Nieuwenhuizen, P. Supergravity: an odyssey through space-time and superspace 1-18127
- Ferrari, A., Massaglia, S., Dobrowolny, M. Collimation of electromagnetic beams in extragalactic radio sources 1-36420
- Ferrari, A., Trussini, E., Zaninetti, L. Magneto-hydrodynamic Kelvin-Helmholtz instabilities in astrophysics. I. Relativistic flows-plane boundary layer in vortex sheet approximation 1-13680
- Ferrari, A. *see* Benford, G. 1-32769
- Ferrari, A. *see* Bertoldi, M. 1-1708
- Ferrari, L. Dangling bonds and crystalline inclusions in amorphous materials 1-47002
- Ferrari, P. *see* Casci, C. 1-48896
- Ferrari, R. *see* Capri, A.Z. 1-23408
- Ferrari, R.L. *see* Webb, J.P. 1-24329
- Ferrari, V., Ruffini, R. On the structure of gravitational wave bursts: Implosion with finite kinetic energy 1-32883
- Ferrari-Toniolo, M. *see* Persi, P. 1-36280
- Ferrario, A. *see* Bianchi, A. 1-1638
- Ferrario, M., Grigolini, P. Role of rotational thermal bath excitation on the EPR transient regime: a theoretical discussion 1-41407
- Ferraris, F., Gorini, I. A measuring equipment with microprocessor controlled automatic preliminary setting 1-36705
- Ferraris, M., Francaviglia, M. Algebraic isometric embeddings of charged spherically symmetric space-times 1-44792
- Ferraro, J.R., Labonville Walling, P. The use of the infrared-active AgI phonon mode in AgI-type ionic conductors to study order-disorder phenomena 1-52925
- Ferraro, J.R. *see* Sill, G. 1-48057
- Ferraro, M. *see* Borello, L. 1-48997
- Ferraro, R.D. *see* Finkel, R.C. 1-36034
- Ferraro, R.D. *see* Nishiizumi, K. 1-40432
- Ferray, M. *see* Sayer, B. 1-37154
- Ferraz, A., March, N.H. Classical Wigner crystallization, liquid structure factor peak height and freezing of liquid alkalis 1-42519
- Ferraz, A. *see* March, N.H. 1-47649
- Ferraz-Mello, S. A second-order theory of the Galilean satellites of Jupiter 1-40382
- Ferre, A. *see* Candau, S. 1-2567
- Ferre, D. *see* Biskupski, G. 1-42796
- Ferre, J. *see* Petit, R.H. 1-43172
- Ferreira, C.M. Theory of a plasma column sustained by a surface wave 1-38134
- Ferreira, E.S., Petitjean, A. Regular Lie algebras 1-10100
- Ferreira, G.F.L. *see* Da Costa, R.C.T. 1-33598
- Ferreira, G.F.L. *see* Leal Ferreira, G.F.
- Ferreira, J. *see* Valladas, G. 1-6093
- Ferreira, J.G. *see* Marques, M.I. 1-24076
- Ferreira, J.G. *see* Salgueiro, L. 1-6391
- Ferreira, L.D.D. *see* Silva, W.C. 1-17547
- Ferreira, M.E.G. *see* De Ferreira, M.E.G.
- Ferreira, P.L. *see* Campos, R.De.A. 1-9351
- Ferreira Da Silva, A. *see* Riklund, R. 1-47572
- Ferreira Marques, R. *see* Bocklin, J. 1-14734
- Ferreirinho, J. *see* Blair, D.G. 1-30860
- Ferrell, R.A., Bhattacharjee, J.K. Critical ultrasonic attenuation in superfluid helium: mixing of order-parameter and fluctuation contributions 1-52378
- Ferrell, R.A. *see* Bhattacharjee, J.K. 1-47269
- Ferrell, T.L., Baird, J.K., James, D.R., Pace, M.O., Christophorou, L.G. A solution to Laplace's equation for hyperboloidal electrodes with applications to dielectric testing in nonuniform electric fields 1-11616
- Ferrell, T.L. *see* Becker, R.S. 1-46721
- Ferrer, A. Review of pp production experiment at CERN 1-45361
- Ferrer, A., Treille, D., Rivet, P., Volte, A., Benkheiri, P., de Rosny, G., Rouge, A., Bouquet, B., d'Almagne, B., Nguyen, H., Petroff, P., Richard, F., Roudeau, P., Six, J., Yoshida, H. Backward K^0 production in the reaction $\pi^- p \rightarrow A^0 K^+ \pi^-$ at 9 and 12 GeV/c 1-50463
- Ferrer, A. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Ferrer, M.L. *see* Allasia, D. 1-23495
- Ferrero, L.M. *see* Bonazzola, G.C. 1-18906
- Ferrero, M.I. *see* Altkofer, O.C. 1-45773
- Ferrero, M.I. *see* Aubert, J.J. 1-5630
- Ferretti, M. *see* Bruzzone, G. 1-43814
- Ferrie, F.P., Levine, M.D., Zucker, S.W. Cell tracking: a modelling and minimization approach 1-53765
- Ferrier, R.P. *see* Chapman, J.N. 1-20037
- Ferriere, R. *see* Goedgebuer, J.P. 1-41561, 1-46588
- Ferriere, R. *see* Vienot, J.Ch. 1-41555
- Ferrieres, C. *see* Dartyge, J.M. 1-48636
- Ferrin, I., Naranjo, O. A possible explanation of the light curve of comet Encke 1-27431
- Ferriss, D.H., Martin, D.W. Numerical determination of fluid velocities and pressure for a steady two-dimensional viscous flow in a circular cavity 1-15500
- Ferro, A. *see* Candiotti, M. 1-16461
- Ferro, A. *see* Arellano *see* Arellano Ferro, A.
- Ferro, D. *see* Spoliti, M. 1-39699
- Ferro, J. *see* Okagaki, T. 1-17539
- Ferro, R., Marazza, R. Crystal structure and density data [molybdenum]. Alloys and compounds other than halides and chalcogenides 1-23
- Ferro, R. *see* Marazza, R. 1-30138
- Ferron, G., Simon, J. Yield stress and tensile instabilities in Armocon iron at room temperature 1-12815
- Ferrone, F.A., Hofrichter, J., Sunshine, H.R., Eaton, W.A. Kinetic studies on photolysis-induced gelation of sickle cell hemoglobin suggest a new mechanism 1-8798
- Ferroni, F. *see* Diddens, A.N. 1-14747, 1-23998
- Ferroni, F. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Ferroni, S. *see* Bozzo, M. 1-23961
- Ferry, D.K. Semi-classical Boltzmann transport theory in semiconductors 1-16283
- Ferry, D.K., Barker, J.R. Balance equation formulation and memory effects in retarded high field semiconductor transport 1-7623
- Ferry, D.K. *see* Baglee, D.A. 1-16375
- Ferry, D.K. *see* Kunjunny, T. 1-43226
- Ferry, D.K. *see* Moore, B.T. 1-16376
- Ferry, D.K., Barker, J.R., Jacoboni, C. (editor) Physics of Nonlinear Transport in Semiconductors. Proceedings of the NATO Advanced Study Institute on Physics of Nonlinear Electron Transport 1-13926
- Ferry, G. *see* Hayes, D. 1-36033
- Ferry, J.M. A comparative study of geothermometers and geobarometers in pelitic schists from south-central Maine 1-17586
- Fershtater, A.A. *see* Kononenko, G.V. 1-31398
- Fert, A., Asomoza, R., Creuzet, G., Ousset, J.C. Magneto-transport in f-electron systems—quadrupole and orbital exchange effects 1-20708
- Fert, A., Garoché, P., Boucher, B., Durand, J. Electric field gradient (crystal field) in amorphous f-electron systems 1-25855
- Fert, A., Hamzic, A. Hall effect from skew scattering by magnetic impurities 1-34687
- Fert, A. *see* Asomoza, R. 1-30722
- Fert, A. *see* Ousset, J.C. 1-30696
- Fert, A.R. *see* Bertrand, D. 1-3383
- Fertik, N.S. *see* Solov'ev, V.S. 1-15202
- Fertil, B. *see* Deschavanne, P.J. 1-8918
- Fertin, G. *see* Philbert, M. 1-37560
- Fertman, V.E. *see* Orlov, L.P. 1-19717
- Fertman, V.E. *see* Vislovich, A.N. 1-19826
- Ferwerda, H.A. Coherence of illumination in electron microscopy 1-36775
- Ferwerda, H.A. Fundamental aspects of the phase retrieval problem 1-41600
- Ferwerda, H.A. *see* Baltes, H.P. 1-41610
- Fesciyan, S., Jhon, M.S., Dahler, J.S. Effects of memory on the coherent scattering function for the Rouse-Zimm model of dilute polymer solutions 1-42075
- Fesefeldt, H. *see* Barber, D. 1-14407
- Fesefeldt, H.S. *see* Barber, D.P. 1-28309
- Fesefeldt, H. *see* Barber, D.P. 1-534
- Fesen, R. *see* Houk, N. 1-17828

- Fesen, R.A., Kirshner, R.P. Spectrophotometry of the supernova remnant IC 443 1-49759
- Fesenko, A.I., Borisuk, V.S., Glinkin, E.I. Automatic equipment for determining the temperature coefficient of linear expansion of materials 1-27919
- Fesenko, A.I., Borisuk, V.S., Glinkin, E.I., Ostrovskii, G.E. Automatic digital readout device for measuring rate of temperature change 1-1816
- Fesenko, B.I. Clusters of clusters of galaxies 1-22903
- Fesenko, E.G., Dantsiger, A.Ya., Razumovskaya, O.N., Dudkina, S.I. Relation between electrophysical and crystal-chemical parameters of solid solutions in multicomponent systems [ferroelectric properties] 1-34993
- Fesenko, E.G., Dantsiger, A.Ya., Zhitomirskii, R.A., Kupriyanov, M.F., Revenko, L.G., Shilkina, L.A. Selection of materials for piezoelectric transducers 1-43074
- Fesenko, E.G., Kryshon, V.G., Devlikanova, R.U., Komarov, V.D., Ochirov, V.A. X-ray structural and electrophysical investigations of high-density ceramic with the tetragonal potassium-tungsten bronze structure 1-30169
- Fesenko, E.G. see Barabanova, L.A. 1-7990
- Fesenko, E.G. see Feronov, A.D. 1-31107
- Fesenko, E.G. see Kryshon, V.G. 1-39288
- Fesenko, E.G. see Shevchenko, N.B. 1-34971
- Fesenko, E.G. see Shuvaeva, E.T. 1-3684, 1-3685
- Fesenko, E.G. see Skulski, R. 1-26144
- Fesenko, O.E., Balyunis, L.E. The temperature-electric field phase diagram of lead hafnate 1-21143
- Fesenko, Ye.Ye. see Gasparyan, A.G. 1-35812
- Fesenko, Ye.Ye. see Orlov, N.Ya. 1-35811
- Feshbach, H. Topics in heavy ion reactions 1-14554
- Feshchenko, L.P. see Enyakov, A.M. 1-24644
- Fessenden, R.W. see Shimomori, H. 1-41500
- Fessler, H., Woods, P.J. Stress concentrations of axially loaded projections of flat bars 1-19661
- Fessler-Wilhelmi, N. see Barth, W. 1-45790
- Festau-Barrios, M.C., Weibel, E.S. Ponderomotive force of an ion cyclotron wave in a two-ion species plasma 1-11555
- Fetisov, V.B. see Men, A.N. 1-15926
- Fetisov, V.S. see Dryapochko, Yu.V. 1-31815
- Fetisov, V.S. see Lovetski, E.E. 1-41952
- Fetisova, M.M., Kovrova, T.P., Pleshakov, E.I. Influence of austenitization temperature on the micromechanism of failure of structural steels in the temper brittleness condition 1-3929
- Fetizon, M. see Dulic, A. 1-41519
- Fetscher, W. see Schwanner, I. 1-15041
- Fetter, A.L. Flux penetration in a thin superconducting disk 1-3095
- Fetter, A.L. Persistent current in an annular superconducting thin film 1-38887
- Fetter, A.L. Condensate density in ^4He II as inferred from the structure factor 1-52377
- Fetter, A.L. Magnetically induced helical textures in superfluid $^4\text{He-A}$ 1-52384
- Fetter, L.A. see Howard, R.E. 1-47817
- Fetter, L.A. see Slusky, S.E.G. 1-52709
- Feucht, H. see Tengetfeldt, J. 1-16489
- Feuer, M.D., Prober, D.E. Static and dynamic properties of short, narrow, variable-thickness microbridges 1-47807
- Feuerbacher, B. see Allison, W. 1-31263
- Feuerbacher, H.P., Eberharter, G., Tobolska, G. Visualization of traveling surface acoustic waves using a scanning electron microscope 1-20541
- Feuerbacher, H.P. see Eberharter, G. 1-24615
- Feuerstein, H. see Cartwright, D.K. 1-823
- Feugeas, J. see Bostick, W.H. 1-34060
- Feugeas, J. see Nardi, V. 1-15066
- Feuillade, C., Botcher, C. A multipole treatment of the degenerate maser problem 1-29006
- Feuillade, C. see Botcher, C. 1-33453
- Feulner, P., Kulkarni, S., Umbach, E., Menzel, D. A multimethod investigation of the adsorption of NO on Ru(001). II. $\Delta\phi$, thermal desorption and LEED results 1-11982
- Feustel, J. see Lorenz, J. 1-17169
- Feustel, J.E., Mayrhofer, O., Wiedmann, U. Layout, application and economic efficiency of solar farm systems 1-26848
- Feustel, J.E., Stoy, B. Solar energy and wind energy—contribution to covering future energy demand 1-4159
- Fever, H.T. see Le Fever, H.T.
- Fevre, J.P. see Le Fever, J.P.
- Few, R.W. see Cohen, R.J. 1-54623
- Fewell, M.P., Spear, R.H., Zabel, T.H., Baxter, A.M. Electric quadrupole excitation of the first excited state of ^{11}B 1-41053
- Fewell, M.P. see Dracoulis, G. 1-18540
- Fewell, M.P. see Spear, R.H. 1-632, 1-41054
- Fewell, M.P. see Zabel, T.H. 1-1028
- Fewell, T.R. see Shuping, R.E. 1-44024
- Fewster, P.F., Willoughby, A.F.W. The effect of silicon doping on the lattice parameter of gallium arsenide grown by liquid-phase epitaxy, vapour-phase epitaxy and gradient-freeze techniques 1-2402
- Fey, K. see Baier, R. 1-50446
- Feyerbacher, D., Schwarz, F., Kioes, S. Technology of two-stage liquid effluent evaporation with mixing condenser 1-845
- Feynman, J. Implications of solar cycles 19 and 20 geomagnetic activity for magnetospheric processes 1-36113
- Fiadairo, M. The alkalinity of the deep Pacific 1-4538
- Fiolkov, A.S. see Vendik, I.B. 1-52574
- Fiander, D.C., Grier, D., Metzmacher, K.D., Pearce, P. A two-step high voltage pulse generator 1-28761
- Fiarrman, S., Zucker, M.S., Bieber, A.M., Jr. A laser surveillance system for spent fuel 1-18752
- Fiat, G. see Crancon, J. 1-23913
- Ficek, Z., Tanas, R., Kielich, S. Resonance fluorescence spectrum of two atoms, coherently driven by a strong resonant laser field 1-41342
- Fichet, M., Fidone, I. Density gradient effect on waveguide launching of lower hybrid waves 1-46874
- Fichtl, W. Boronizing and its practical applications 1-21611
- Fichtner, K. On the description of symmetry of OD structures. III. Short symbols for OD groupoid families 1-20097
- Fick, D., Hofmann, H.M., Zahn, W. Multi-channel resonating group calculations for the ^4He system as a testing ground for components of the nucleon-nucleon interaction 1-28481
- Fick, D. see Moroz, Z. 1-45765
- Fick, D. see Tunge, G. 1-33256
- Fick, G.W. see Bruhn, J.A. 1-54184
- Ficker, T. Electron binding and relaxation energies of ethylene, ethane and of their hindered rotamers 1-37255
- Fickett, F.R., Kaplan, S.B., Powell, R.L., Radebaugh, R., Clark, A.F. Definitions of terms for practical superconductors. IV. Josephson phenomena 1-7775
- Fickinger, W.J. see DiBianca, F.A. 1-45343
- Ficocelli Varracchio, E. Corrections to the adiabatic nuclei's theory of electron-molecule scattering 1-51300
- Fidancer, E.A. see Caro, P. 1-25869
- Fiddy, M.A., Ross, G., Nieto-Vesperinas, M. The encoding of structural information, in scattering and image formation, by the zeros of entire functions 1-1461
- Fiddy, M.A., Ross, G., Wood, J., Nieto-Vesperinas, M. Optical processing for the encoding of information in inverse problems 1-41603
- Fiddy, M.A. see Burge, R.E. 1-41777
- Fiddy, M.A. see Hall, T.J. 1-11109
- Fiddy, M.A. see Nieto-Vesperinas, M. 1-1490, 1-41570, 1-46215
- Fiddy, M.A. see Ross, G. 1-1460, 1-10913, 1-41569, 1-51376
- Fidecaro, F. see Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Fidecaro, G., Fidecaro, M., Lancieri, L., Nurushiev, S., Piemontese, L., Poyer, Ch., Solovianov, V., Vascotto, A., Gasparini, F., Meneguzzo, A., Posocco, M., Voci, C., Birsá, R., Braddamante, F., Giorgi, M., Penzo, A., Schiavon, P., Villari, A., Bartl, W., Fruhwirth, R., Gottfried, C., Leder, G., Majerotto, W., Neuhofer, G., Pernicka, M., Regler, M., Steuer, M., Stradner, H. Measurement of the polarization parameter in pp elastic scattering at 150 GeV/c 1-591
- Fidecaro, M. see Fidecaro, G. 1-591
- Fidelis Da Silva, B. see Souza Nobrega, M.C. 1-3770
- Fidell, S. A modern psychophysical procedure for assessing noise-induced annoyance 1-8881
- Fidleris, V. Irradiation growth in zirconium alloys: A review 1-50779
- Fidone, I. see Fichet, M. 1-46874
- Fidorrja, J., Booz, J. Microdosimetric investigations on collimated fast-neutron beams for radiation therapy. I. Measurements of microdosimetric spectra and particle dose fractions in a water phantom for fast neutrons from 14 MeV deuterons on beryllium 1-44012
- Fidorrja, J. see Booz, J. 1-44013
- Fielbtkorn, K. Data transmission by light guides 1-24528
- Fiebig, H.R. A spline function approach to the numerical treatment of scattering and boundary problems for nonlocal potentials 1-5789
- Fiebigler, H. see Neuhauser, H. 1-35267
- Fiebrich, M. see Muller-Rochholz, J. 1-43627
- Fiechter, S., Kuhs, W.F., Nitsche, R. The structure of tantalum disulfide thiophosphate Ta[PS]₂ 1-15840
- Fieck, G., Wirsich, J. One- and two-particle fractional parentage for arbitrary point groups, configurations and coupling schemes 1-10859
- Fieck, G., Wirsich, J. Electrostatic interaction for arbitrary point groups, configurations, and coupling schemes 1-10860
- Fiedelzy, H. see Pantis, G. 1-50494
- Fiedelzy, H. see Sofianos, S. 1-5682
- Fiedler, H. see Mensing, P. 1-51890
- Fiedler, I. see Kim, J.I. 1-26791
- Fiedorowicz, H. see Kaliski, S. 1-34095
- Fieffe-Prevost, P. The pressure calibration system of BNM 1-28011
- Fieg, G. Heat transfer measurements of internally heated liquids in cylindrical convection cells 1-5870
- Fieguth, T. see Aston, D. 1-50470
- Fieguth, T. see Stroynowski, R. 1-18522
- Fiek, H.-J., Romaker, J., Schindewolf, U. Tritium enrichment for nuclear fuel reprocessing using isotope exchange between water and hydrogen by means of hydrophobic catalysts 1-28680
- Field, A. Bridging the load gap from solar and heat pumps 1-35673
- Field, B.O. see Shott, P.N. 1-5444
- Field, D.E. see Jensen, C.L. 1-47301
- Field, E.L. Space Telescope design for maintenance 1-32602
- Field, G. see Lobecker, R.N. 1-54249
- Field, J.E. see Van Der Zwaag, S. 1-31531
- Field, J.H. see Allkofer, O.C. 1-45773
- Field, J.S. Investigation of the dynamic behaviour of noncontacting measuring devices by a transient displacement method 1-9964
- Field, R.D. Perturbative quantum chromodynamics and applications to large momentum transfer processes 1-14357
- Field, R.J. see Gandhi, S.K. 1-8234
- Field, R.J. see Janz, R.D. 1-8530
- Field, R.L. Photovoltaic/thermoelectric refrigerator for medicine storage for developing countries 1-13185
- Field, R.L. An average slope factor for solar insolation 1-21918
- Field, R.W. see Appelblad, O. 1-37209
- Field, R.W. see Bernath, P.F. 1-1263
- Field, R.W. see Gottschalk, R.A. 1-1261, 1-1262
- Field, R.W. see Linton, C. 1-41417
- Field, S.B., Hume, S.P., Law, M.P. The response of tissues to heat alone or in combination with radiation 1-53763
- Field, S.B. see Myers, R. 1-22068
- Fielding, H.W. see Lam, S.T. 1-23699
- Fielding, P.J., Hitchon, W.N.G. Plasma equilibrium in toroidal ≥ 3 stellarators 1-34103
- Fielding, S.J., Sanderson, A.D. Computations of recycling and impurity evolution in DITE Tokamak 1-25032
- Fielding, S.J., Wootton, A.J. Shielding and exhaust measurements on the DITE bundle divertor 1-25033
- Fields, C. see De Boer, F.W.N. 1-23667
- Fields, C.A. see De Boer, F.W.N. 1-14446
- Fields, C.A. see Konijn, J. 1-50488
- Fields, D.E. see Miller, C.W. 1-43840
- Fields, J.N., Cole, J.H. Fiber microbend acoustic sensor 1-6662
- Fields, L.W. see Ricci, E. 1-14633
- Fields, R.J., Ashby, M.F. Observation of wedge cavities in the SEM 1-3919
- Fields, T. see Diakonou, M. 1-10256
- Fields, T. see Kourkoulis, C. 1-5665
- Fielek, B.L. Phonon dispersion curves for palladium 1-7271
- Finup, J.R., Somers, L.E. Optical processor for the very large array (VLA) radiotelescope. Encoding-dependent errors 1-54387
- Finup, J.R. see Cindrich, I. 1-17768, 1-54385
- Finup, J.R. see Fairchild, R.C. 1-15114
- Finup, J.R. see Feldkamp, G.B. 1-54394
- Fierstein, E.S. see Doetschman, D.C. 1-6289
- Fieuw, G. see Deworm, J.P. 1-32257
- Fieux, M. see Luyten, J.R. 1-27212
- Fievret, F. see Pigenet, C. 1-8071
- Fife, P.C. see Tyson, J.J. 1-4049
- Figer, A. see Ballereau, D.B. 1-36299
- Figgis, B.N. see Williams, G.A. 1-30146
- Figiel, J. see Gottgens, R. 1-50472
- Figini, V.A. see Labushkin, V.G. 1-25976
- Figini, M.M. Compound EMG signal processing as an investigation tool for the study of the motor system 1-35907
- Figoski, J.W. see Arnold, R.A. 1-46506
- Figuerla, M. see Dias, J.P. 1-14021
- Figueiredo, I.M.B. see De Figueiredo, I.M.B.
- Figueiredo, W., Gitahy, V.H., Salinas, S.R. Variational treatment of anisotropic Heisenberg antiferromagnets 1-30901
- Figueras, D.R. see Laredo, E. 1-3321
- Figueras, D.R. see Puma, M. 1-34722
- Figueras, E., Gramm, K., Beckman, O., Rao, K.V. Low field magnetic susceptibility of $\text{Sm}_{1-x}\text{Lu}_x\text{S}$ and $\text{Sm}_{1-x}\text{Gd}_x\text{S}$ 1-12273
- Figueras, L. see Lau, K.Y. 1-29277
- Figueras, O. see Sherman, A. 1-49518
- Figuiere, P., Hom, J.F., Laugier, S., Renon, H., Richon, D., Szwarc, H. Vapor-liquid equilibria up to 40000 KPa and 400°C: a new static method 1-36672
- Figuiere, P. see Brodbeck, C. 1-37189
- Figura, Z. Continuous measurement and control of solution concentration based upon determination of ultrasound propagation velocity 1-29496
- Figureau, A. see Delorme, J. 1-45432
- Figusch, V. see Haviar, M. 1-21401
- Figusch, V. see Havlicka, J. 1-7330
- Fibey, J.L. see Lantaigne, J. 1-47831
- Fibey, J.L. see LeHuy, H. 1-47830
- Fijalkow, E. see Munier, A. 1-54350

- Fijnaut, H.M. *see* Kops-Werkhoven, M.M. 1-43709
- Fikioris, J.G. *see* Roumeliotis, J.A. 1-1453
- Fil, V.D. *see* Masalitin, E.A. 1-6737
- Filator, E.Ya. *see* Panfilov, Yu.A. 1-39444
- Filator, M.Ya. Effect of stratification in glass plastics on diffusive light transmission 1-26638
- Filatov, N.N., Ryanzhin, S.V., Zaitsev, L.V. Some features of turbulence, Langmuir circulations and internal waves in Ladoga lake 1-40148
- Filator, S.K., Kondrat'eva, V.V. Anomalous thermal expansion of colemanite $\text{Ca}[\text{B}_3\text{O}_6(\text{OH})_3] \cdot \text{H}_2\text{O}$ 1-52317
- Filator, V.A. Two methods of calculating the apparent resistivity of a two-layer geoelectric section 1-44343
- Filator, V.I. On the question of Fe-Zn composite electrochemical materials 1-48302
- Filator, V.I. *see* Brodskii, S.M. 1-5912
- Filator, V.M. *see* Sinaiskii, B.N. 1-31618
- Filator, V.V. On the possibility of interpreting area data by the method of transitional processes using analytical extension 1-44342
- Filby, G.W. *see* Mintas, M. 1-53057
- Fileleva, L.L., Samchenko, I.P., Nazarenko, V.A., Aleksankin, M.M. Fragmentation and rearrangements of molecular ions of amides in a strong electric field 1-39627
- Filer, E.W., McClelland, H.T. Stress relaxation of copper-beryllium and nickel-beryllium alloys [for electric connectors] 1-43404
- Filgueira, R.R., Blom, C.E., Muller, A. Matrix isolation studies (i.r., Raman), band contour analysis and molecular force field of OClCl 1-1235
- Filgueira, R.R. *see* Fantoni, A.C. 1-51190
- Filho, Edel Vigna *see* del Vigna Filho, E.
- Filho, J.E.R. *see* Bochove, E.J. 1-41858
- Filho, M.F. de Jesus *see* de Jesus Filho, M.F.
- Filho, W.J. *see* Ciarlino, R.M. 1-43738
- Filhol, A., Zeyen, C.M.E., Chenavas, P., Gaultier, J., Delhaes, P. Neutron structure at 40K of an organic semiconductor, the ion radical salt of triethylammonium with 7,7,8,8-tetracyano-p-quinodimethane: $\text{TEA}^+(\text{TCNQ})_2^-$ 1-15881
- Filimonova, M.A. *see* Morozova, A.N. 1-20073
- Filimoncheva, P.I., Plokhov, V.V., Samoilova, L.Yu., Afanas'ev, V.N., Kandiev, Ya.Z., Dartsev, V.D., Khokhryakov, V.F. Spectrometry of powerful pulsed electron beams 1-999
- Filimonenko, V.N., Marusina, V.I. Preparation of tungsten carbides in a spark discharge 1-43300
- Filimonov, G.N. *see* Matsenko, M.M. 1-39445
- Filimonov, V.A. Spin-orbital interaction of a hyperon in hypernuclei and one-boson exchange 1-5726
- Filimonov, V.A. Simplest bound neutral electron-quark system and the H_3^+ ion 1-19001
- Filimonov, Yu.A. *see* Muratov, V.R. 1-29211
- Filimonova, T.N. *see* Naumenko, Ye.D. 1-10555
- Filin, V.A., Mikhailovskii, M.S., Kegels, F.A., Vasil'ev, V.V. Automation of mass screening for glaucoma 1-22157
- Filin, V.A. *see* Shchukin, V.K. 1-15530
- Filipakis, P. *see* Jannussis, A. 1-102
- Filipakis, T. *see* Jannussis, A. 1-102
- Filipavichus, A.S. *see* Brazis, R.S. 1-30756
- Filipavicius, V. *see* Normantas, E. 1-20779
- Filipchenko, A.S., Bol'shakov, L.P., Baj, M., Dmowski, L. Investigation of gallium antimonide under hydrostatic pressure conditions 1-30631
- Filipchuk, E.V. *see* Emel'yanov, I.Ya. 1-28641
- Filipenko, L.A. *see* Adev, G.D. 1-28492
- Filipkovskii, A. *see* Ablev, V.G. 1-18507
- Filipov, P., Seganov, I., Panaitov, I. Study of the structure of modified polycapromide 1-7089
- Filipovic, I. *see* Tkalec, M. 1-48758
- Filippakis, P. *see* Jannussis, A.D. 1-23041
- Filippas, T.A. *see* Diakonou, M. 1-10256
- Filippas, T.A. *see* Kourkoulis, C. 1-5665, 1-50474
- Filippelli, A.R., Sharpton, F.A., Lin, C.C. Production of excited nitrogen atoms by electron-impact dissociation of N_2 1-37335
- Filippenko, A.S. *see* Belago, V.A. 1-45090
- Filippi, M., Pompili, R. Evaluation of noise from air-conditioning systems—a draft proposal 1-32066
- Filippi, P. Diffraction of a spherical wave by an absorbent isotropic plane 1-24556
- Filippi, P. *see* Habault, D. 1-1743
- Filippi, P. *see* Saadat, H. 1-46609
- Filippini, G. *see* Gramaccioli, C.M. 1-47072
- Filippini, J.C. *see* Meyer, C. 1-52895
- Filippone, W.L. Orders-of-scattering expansion functions 1-18713
- Filippone, W.L., Woolf, S., Lavigne, R.J. Particle transport calculations with the method of streaming rays 1-45739
- Filippov, A.A. *see* Koleschinskii, E.S. 1-1433
- Filippov, A.A. *see* Peterson, A.L. 1-43069
- Filippov, A.I. Recent developments of multiwire proportional chambers at JINR (DUBNA) 1-14723
- Filippov, A.I., Ramazonov, A.Sh. Calculation of the thermal field of the throttle element of apparatus for studying the Joule-Thomson effect 1-44893
- Filippov, A.P. *see* Kos'yan, R.D. 1-4525
- Filippov, A.P. *see* Maksimov, S.K. 1-7179
- Filippov, A.S. *see* Karakashev, V.A. 1-40783
- Filippov, A.T., Klimentov, V.V., Chirkov, N.P., Skripin, G.V., Krymskii, G.F., Krivoschapkin, P.A., Shafer, Yu.G., Shafer, G.V. Cosmic-ray bursts of 7 May and 23 September and the Forbush decrease in February 1978 1-36137
- Filippov, A.T. *see* Atakishiev, N.M. 1-5504
- Filippov, B.N., Lebedev, Yu.G., Raevskii, E.I., Tankeev, A.P. Internal cylindrical magnetic domains in multi-layer ferromagnetic films 1-38956
- Filippov, E.M. Use of californium neutron sources to determine basic element-salt composition of seawater under natural conditions 1-26795
- Filippov, E.M. Possibilities of nuclear-physical methods for identifying deuterium in water under natural conditions 1-27278
- Filippov, G.A., Marchenko, V.N., Litvinenko, D.A., Sarraf, V.I., Chevchenko, O.N. Effect of impurities on intercrystalline fracture of steel 18Kh2N4VA after quenching and tempering 1-31509
- Filippov, G.A. *see* Baranov, S.M. 1-3926
- Filippov, G.F., Okhrimenko, I.P. On a possibility of using the oscillator basis for the solution of problems in a continuous spectrum 1-5718
- Filippov, G.F. *see* Vasilevskii, V.S. 1-10338, 1-23531
- Filippov, I.G. Effect of viscosity on stress-wave propagation in elastic bodies under dynamic loads 1-24737
- Filippov, K.N. *see* Kuptsov, V.M. 1-37983
- Filippov, L.P. Description of specific heat of liquids using thermodynamic similarity methods 1-30411
- Filippov, L.P. Prediction of the properties of liquids and gases 1-52034
- Filippov, L.P., Nefedov, S.N. Installation for investigating the complex of thermophysical properties of liquids 1-23225
- Filippov, L.P., Nefedov, S.N., Kravchun, S.N., Kolykhalova, E.A. An experimental investigation into the complex of thermophysical properties of liquids 1-52368
- Filippov, L.P. *see* Nefedov, S.N. 1-11922
- Filippov, M.A. *see* Rozhkova, S.B. 1-35333
- Filippov, M.V. *see* Silin, V.P. 1-34080
- Filippov, P.G. *see* Benderskii, V.A. 1-4094
- Filippov, V.E. *see* Anfingentov, V.I. 1-37688
- Filippov, V.F. *see* Rogov, M.I. 1-3997
- Filippov, V.I. *see* Gaisin, V.A. 1-35087
- Filippov, V.I. *see* Balygin, A.K. 1-53019
- Filippov, V.V. *see* Gusev, S.S. 1-44989
- Filippov, V.V. *see* Stas'kov, N.I. 1-53008
- Filippov, Yu.I. *see* Morozova, V.M. 1-31690
- Filippova, N.N. *see* Prokunin, A.N. 1-11427
- Filippych, S.A. *see* Vernov, S.N. 1-4731
- Filips, A.Kh. *see* Kozintsev, V.V. 1-21600
- Filipski, P. A new approach to reactive current and reactive power measurement in nonsinusoidal systems 1-36697
- Filka, S., Stancakova, A., Dusa, O. Barkhausen effect in amorphous electrodeposited films 1-21012
- Filka, S. *see* Kavcansky, V. 1-52800
- Filka, S. *see* Zentko, A. 1-47903
- Filkin, D.L. *see* Miller, C. 1-22443
- Filkin, R. *see* Cremades, J. 1-28627, 1-33312
- Fil'kov, L.V. *see* Lebedev, A.I. 1-45314
- Fill, E. *see* Thieme, W. 1-51465
- Fill, E.E. Absorption of iodine laser pulses in potassium and cesium vapors 1-11509
- Fillard, J.P. *see* Castagne, M. 1-7636, 1-12122
- Fillard, J.P. *see* de Murcia, M. 1-21260
- Fillard, J.P. *see* Gasiot, J. 1-966
- Fillard, J.P. *see* Manificier, J.C. 1-53089
- Fillard, J.P. *see* Vanderschueren, J. 1-21116
- Filler, D.S. An oscilloscope system—technological progress serves productivity 1-27952
- Filler, R.L. *see* Vig, J.R. 1-16936
- Fillers, J.P. *see* Phillips, G.N., Jr. 1-8800
- Filliben, J.J. *see* Thurber, W.R. 1-12107, 1-20769
- Fillion, P.D. *see* Suh, N.P. 1-39469
- Filippakis, P. *see* Jannussis, A. 1-23040
- Filippakis, T. *see* Jannussis, A. 1-23040
- Filitt, R. *see* Loier, C. 1-35260
- Filitter, K.B. *see* Inculat, I.I. 1-20854
- Filius, W., McIlwain, C. Very energetic protons in Saturn's radiation belt 1-40396
- Fillmore, D. *see* Tanaka, T. 1-15786
- Fillmore, J.A., Karp, A.H. Choosing an approximation to the equation of radiative transfer 1-49385
- Fillmore, J.A. *see* Karp, A.H. 1-4798
- Fillo, J.A., Powell, J.R., Steinberg, M., Benenati, R., Dang, V.-D., Horn, F., Isaacs, H., Lazareth, O., Makowitz, H., Usher, J. HYFIRE: fusion-high temperature electrolysis system 1-50944
- Fillo, J.A. *see* Horn, F.L. 1-41238
- Filonenko, A.D. *see* Golubnichii, P.I. 1-3493
- Filos, E. *see* Niczyporuk, B. 1-33175
- Filscher, G., Unangst, D. Bond-method for precision lattice constant determination. Dependence of the lattice constant error on sample adjustment and collimator tilt 1-29978
- Filstein, E.L. *see* Berte, F.J. 1-18814
- Filstein, E.L. *see* Goldstein, R. 1-10454
- Filter, E., Steinborn, E.O. A matrix representation of the translation operator with respect to a basis set of exponentially declining functions 1-28845
- Filter, E. *see* Steinborn, E.O. 1-1071
- Filyov, V.M., Tzelik, A.M., Wiegmann, P.B. Thermodynamics of the s-d exchange model (Kondo problem) 1-38906
- Filyushkin, I.V. *see* Makovskii, Yu.E. 1-1018
- Filz, R.C. *see* Rao, Y.V. 1-51047
- Finarev, M.S. *see* Orion, B.V. 1-5277
- Finbow, M. Bridges between the body's cells 1-48972
- Finch, S. *see* Marcus, P.M. 1-46962
- Finch, S.C. Hiroshima and Nagasaki: a review of 30 years of study 1-49077
- Finch, W.F. Synthesis of three-dimensional image from a moving monocular information field 1-36748
- Fincham, A.A. Eyes and classification of malacostracan crustaceans 1-8851
- Fincham, D. Programs for the molecular dynamics simulation of liquids. I. Spherical molecules with short-ranged interactions 1-34210
- Fincham, D. *see* Mitra, S.K. 1-52075
- Fincham, W.H.A., Freeman, M.H. Optics 1-17960
- Fincher, C.L. *see* Birnbaum, M. 1-46360
- Fincher, C.R., Jr. *see* Hastings, J.B. 1-39333
- Finck, J.C.J., van der Laak, H.J.M., Schrama, J.T. A semiconductor laser for information read-out 1-19358
- Fincke, J.R., Berggren, M.J., Johnson, S.A. The application of reconstructive tomography to the measurement of density distribution in two-phase flow 1-11482
- Fincke, J.R., Deason, V.A. Fluid dynamic measurements in air/water mixtures using a pitot tube and gamma densitometer 1-11480
- Findakot, T., Garmire, E. Reduction and control of optical waveguide losses in glass 1-37604
- Findenegg, G.H., Specovius, J. Study of a fluid/solid interface over a wide density range including the critical region. II. Spreading pressure and enthalpy of adsorption of ethylene/graphite 1-7450
- Findenegg, G.H. *see* Specovius, J. 1-7449
- Findlay, D.J.S., Dusautoy, A.R. Improvements to the Blunck-Leisegang energy loss straggling distribution 1-6113
- Findlay, F.D. *see* Roney, P.L. 1-54240
- Findlay, J.R. *see* Cartwright, D.K. 1-823
- Findlay, R.H. *see* Palmer, M.H. 1-41406
- Findley, C.C. *see* McLellan, E.J. 1-46386
- Findley, G.L. *see* McGlynn, S.P. 1-37170, 1-41377
- Findley, P.R. *see* Beckel, C.L. 1-1206
- Fine, M.E., Kim, Y.H. Threshold for fatigue crack initiation 1-31645
- Fine, M.E. *see* Izumi, Y. 1-46708
- Fine, M.E. *see* Liaw, P.K. 1-39417, 1-53268
- Fine, R.A., Ostlund, H.G. Exchange times in the Pacific Equatorial Current system 1-4507
- Fineberg, H.V., Sherman, H.E. Tutorial on the health and social value of computerized medical imaging 1-49932
- Fineev, N.E. *see* Tsepelov, Yu.A. 1-8947
- Finiello, D. *see* Schermerling, M. 1-16790
- Finetti, I., Giorgetti, F., Poretti, G. The Pakistani segment of the DSS-profile Nanga Parbat-Karakul (1974-1975) 1-4465
- Finetti, J. *see* Belousov, V.V. 1-49244
- Finetti, M., Ostojia, P., Solmi, S., Zini, Q. Characterization of thermally diffused and ion-implanted semicrystalline silicon solar cells 1-17200
- Finger, J., Mandula, J.E., Weyers, J. The pion in QCD 1-14343
- Finger, L.W., Hazen, R.M. Crystal structure and isothermal compression of Fe_2O_3 , Cr_2O_3 , and V_2O_5 to 50 kbars 1-15873
- Finger, L.W. *see* Hazen, R.M. 1-50294
- Finger, M. *see* Erzikyan, A.L. 1-23560
- Fingerhut, R., Otto, F., Oldiges, H., Kiefer, J. Cellular radiation effects and hyperthermia: cytotoxic investigations with stationary phase yeast cells 1-13294
- Finiels, G. *see* Cerisier, P. 1-52231
- Fink, C.L. *see* May, R.S. 1-5965
- Fink, H. Autophoresis—another possibility for the production of polymer coatings 1-3957
- Fink, H.J., Grunfeld, V. Temperature dependence of fluxoid quantization in a superconducting hollow cylinder 1-12226
- Fink, H.J., Grunfeld, V. Periodic specific-heat discontinuity at the normal-superconducting phase boundary of a hollow cylinder and its relation to fluxoid quantization 1-42902
- Fink, M. Principles and techniques of acoustical imaging [of body tissues] 1-43894
- Fink, M. *see* Ketkar, S.N. 1-15009
- Fink, M. *see* Schlenker, M. (editor) 1-36456

- Fink, N.S. *see* Doman, D.R. 1-50874
- Fink, R. *see* Bollinger, D. 1-31706, 1-48547
- Fink, R.W. *see* Braga, R.A. 1-18536
- Fink, U. *see* Larson, H.P. 1-9415
- Fink, U. *see* Sill, G. 1-48057
- Fink, W.H. *see* Butkus, A.M. 1-6143, 1-6144
- Fink, W.H. *see* Sontum, S.F. 1-51081
- Fink-Finowicki, J. *see* Berkowski, M. 1-8214
- Fink-Finowicki, J. *see* Brajczewska, M. 1-5343
- Finke, H.-O. Measurement and critical examination of 'quietness' through noise immission 1-11265
- Finke, P. *see* Zouhar, G., Jr. 1-31513
- Finkel, R.C., Macdougall, J.D., Chung, Y.C. Sulfide precipitates at 21°C on the East Pacific Rise: ^{226}Ra , ^{210}Pb and ^{210}Po 1-17577
- Finkel, R.C., Nishizumi, K., Elmore, D., Ferraro, R.D., Gove, H.E. ^{54}Cl in polar ice, rainwater and seawater 1-36034
- Finkel, R.C. *see* Nishizumi, K. 1-40432
- Finkel, V.O. *see* Azhazha, V.M. 1-31352
- Finkelberg, S.A. *see* Rode, V.E. 1-25924
- Finkelstein, M. *see* Hsieh, S.Y. 1-45736
- Finkelstein, A.M. *see* Dravskikh, A.F. 1-9384
- Finkelstein, V.B., Malykhin, E.I. Analysis of causes of the change in external magnetic field and vibrations at double mains frequency under reversal 1-19239
- Finkelstein, V.E., Ivenski, S.N. Effective radiating power of nonisothermally heated cylindrical cavities 1-15368
- Finkelstein, A.M., Brazovsky, S.A. Interchain coupling in linear conductors 1-42749
- Finkelstein, J. *see* Chew, G.F. 1-50350
- Finkelstein, L. *see* Leaning, M.S. 1-23145
- Finkelstein, T. Analysis of a heat-activated Stirling heat pump 1-48899
- Finkenthal, M., Bell, R.E., Moos, H.W., Bhatia, A.K., Marmar, E.S., Terry, J.L., Rice, J.E. The molybdenum spectrum emitted by a Tokamak plasma in the 300-550 Å range 1-51987
- Finklea, S.L. State perspective on low-level radioactive waste 1-45711
- Fin'kov, A.T. *see* Kakuberi, P. 1-44940
- Finlay, R.W. *see* Grabmayr, P. 1-23656
- Finlay, R.W. *see* Moyer, R.A. 1-41045
- Finlayson, B.A. *see* Jensen, O.K. 1-14078
- Finlayson, D.M., Leiper, G.A., Vincent, C.A. Molar heat capacity of a vitreous solid electrolyte: AgI_xAsO_4 1-7354
- Finlayson, J.B. *see* Mahon, W.A.J. 1-44222
- Finlayson, T.D. *see* Gibbs, E.E. 1-42557
- Finley, J.R., III *see* Boyer, C.P. 1-18103
- Finley, J.J., Deaver, B.S., Jr. Measurements of the penetration depth in the superconducting layer crystals NbSe_2 and TaS_2 (pyridine) $_{1/2}$ 1-30874
- Finley, J.R. Socioeconomic and institutional considerations for waste management 1-5079
- Finley, P.J. *see* Fernholz, H.H. 1-11386
- Finley, R.J., Baumgardner, R.W., Jr. Interpretation of surface-water circulation, Aransas Pass, Texas, using Landsat imagery 1-35996
- Finley, R.W. Computerized preventive maintenance systems using modified acoustic emission techniques 1-4020
- Finn, D. *see* Asnes, D.E. 1-48219
- Finn, D. *see* Kelson, S.M. 1-3430
- Finn, D. *see* Kirchoefer, R.W. 1-46368
- Finn, J.M. Ballooning and interchange stability in axisymmetric field reversed equilibria 1-51942
- Finn, J.M. *see* Jans, E. 1-28470
- Finn, M. *see* Barreau, P. 1-28471
- Finn, T. *see* Busching, D. 1-34091
- Finn, W.D.L. *see* Varoglu, E. 1-11372
- Finn-Carlson, D.W. *see* MacArthur, J.W. 1-21843, 1-39723
- Finnemann, H. *see* Boer, R. 1-41160
- Finnemore, D.K. *see* Ostenson, J.E. 1-16419
- Finnemore, D.K. *see* Verhoeven, J.D. 1-48294
- Finnerty, A.A., Ransford, G.A., Pieri, D.C., Collier, K.D. In Europa surface cracking due to thermal evolution? 1-32648
- Finnerty, A.C. *see* Boyd, F.R. 1-44181
- Finnerty, A.C. *see* Ransford, G.A. 1-36211
- Finnerty, B.C., Tedder, D.W. Acetidine partitioning process for fuel cycle wastes 1-852
- Finney, C.E. *see* Horn, B.A. 1-44019
- Finney, J.L., Gellatly, B.J., Golton, I.C., Goodfellow, J. Solvent effects and polar interactions in the structural stability and dynamics of globular proteins 1-8806
- Finney, J.L. *see* Bonissent, A. 1-7061
- Finnicum, D.J. *see* Corcoran, W.R. 1-50902
- Finnie, I. *see* Giovanola, J.H. 1-8454
- Finnie, I. *see* Pankov, D.H. 1-43524
- Finnie, I. *see* Streit, R.D. 1-46713
- Finnis, M. *see* Aldirfer, F. 1-35620
- Finotello, D. *see* Ley-Koo, E. 1-22974
- Finson, M.L. *see* Legner, H.H. 1-1930
- Finstad, T.G. A Xe marker study of the transformation of Ni_2Si to NiSi in thin films 1-52442
- Finster, J., Lorenz, P., Meisel, A. Quantitative ESCA surface analysis applied to catalysts. Investigation of concentration gradients 1-21823
- Finster, J. *see* Seifert, G. 1-6416
- Finis, R., Devriese, A., Lekkerkerker, H. Light-scattering study of the diffusion of interacting particles 1-13044
- Finis, R. *see* Afar, M.N. 1-36679
- Finitaranu, N. New strain gauge calibrating devices made by the National Institute of Metrology 1-32975
- Finzel, H.-U. Vapour phase transport of Zn_3P_2 1-3587
- Finzi, J., Wang, J.H.S., Hui, K.K., Bailly, P.K., Holleman, G.W., Mastrup, F.N. CW HF/HCN and HF/DF optical resonance transfer lasers 1-1548
- Finzi, J. *see* Wang, J.H.S. 1-46325
- Finzi, S., Cuyper, M. Trends of R and D activities in international safeguards 1-14616
- Finzi, U. Fusion and international collaboration: the European financial commitment and links with other large programmes 1-50936
- Fiocco, G., Mastrantonio, G., Ricotta, A. Boundary layer structure observed by shipborne Doppler sodar in the Suez canal zone 1-32479
- Fiorani, D., Viticoli, S. EPR study of $\text{Co}_2\text{Zn}_{1-x}\text{Rh}_2\text{O}_4$ spinel solid solution 1-3240
- Fiorani, D., Viticoli, S. Investigations on magnetically-dilute $\text{Co}_2\text{Zn}_{1-x}\text{Rh}_2\text{O}_4$ spinel solid solution 1-7816
- Fiorani, D., Viticoli, S., Kortveeg, G.A. EPR powder spectra of Co(II) in ZnRh_2O_4 spinel matrix 1-7942
- Fiordilino, E. *see* Ferrante, G. 1-33437
- Fiore, E.M. *see* De Leo, R. 1-14520
- Fiore, G. Standard CEI 62-5-electromedical apparatus 1-35896
- Fiore, N.F., Coyle, J.P., Udvardy, S.P., Kosel, T.H., Konkol, W.A. Abrasive wear-microstructure interactions in a Ni-Cr white iron 1-21599
- Fiore, N.F. *see* Atrens, A. 1-16090
- Fiore, N.F. *see* Bellina, J.J., Jr. 1-53346
- Fiore, N.F. *see* Coyle, R.J., Jr. 1-3921
- Fiore, N.F. *see* Lunarska-Borowiecka, E. 1-53271
- Fiore, N.F. *see* Sridhar, N. 1-26621
- Fiores, G. Monte Carlo calculations for molecular H_2 in the fluid phase 1-30027
- Fiores, G., Pittion-Rossillon, G. Influence of pressure and temperature on mixing properties of Ar-Kr mixtures 1-38538
- Fiori, C.E. *see* Small, J.A. 1-4142
- Fiori, G., Mari, C.M., Perra, B., Vago, L., Vitale, P. Anodic materials for the electrolysis of water 1-43676
- Fiorini, P., Merle, J.C., Simon, M. Polaritons associated with nearly degenerate excitons: their dispersion and the resulting reflectivity for the 1s exciton in CuBr 1-25648
- Fiorino, A., Gessaroli, R., Quareni-Vignudelli, A., Vanderhaeghe, G., Cartacci, A.M., Conforto, B., Conti, A., Dagliana, M.G., Di Caprioacci, G., Parrini, G., Dameri, M., Diambrini-Palazzi, G., Osculati, B., Persano, C., Sannino, M., Tomasini, G., Llosa, R., Adamovich, M.I., Alexandrov, Y.A., Chernyavskii, M.M., Kharlamov, S.P., Larinova, V.G., Orlova, G.I., Peresadko, N.G., Romanovskaya, K.M., Tretyakova, M.I., Lory, J., Meton, C., Schune, D., Tsai Chu, Willot, B., Bravo, L., Ruiz, A., Villar, E., Bolta, J.M., Higón, E., Heinloth, K., Schlosser, A., Dufey, J.-P., Lafferty, G.D., Lassalle, J.-C., Bussey, P.J., Patrick, G.N., Raine, C., Brodbeck, T., Newton, D., Storr, K.M., Ellison, R.J., Hughes-Jones, R.E., Ibbotson, M., Lane, J.B., Mercer, D., Waite, A.P., Atkinson, M., Davenport, M., Hutten, J.S., Kumar, B.R., Morris, J.V., Brookes, G.R., Galbraith, W., McClatchey, R. Associated photoproduction of a charmed meson and a charmed baryon 1-50583
- Fiorino, E. *see* Del Sole, R. 1-52908
- Fiorito, G. *see* Fabri, G. 1-32030
- Firestone, A. *see* Biswas, N.N. 1-18515
- Firestone, M. *see* Gran, R. 1-910
- Firestone, R.B. *see* Aryasacindar, R. 1-36925
- Firestone, R.B. *see* Matsushita, N. 1-37077
- Firmani, C., Koeneberger, G., Bisacchi, G.F., Moffat, A.F.I., Isersiedel, J. The binary nature of the single-line Wolf-Rayet star EZ Canis Majoris = HD 50896 1-9502
- Firman, C. *see* Carrasco, L. 1-36281
- Firoozbakhsh, K., Cowin, S.C. Devolution of inhomogeneities in bone structure - predictions of adaptive elasticity theory 1-49052
- Firoozmand, F. *see* Koozekanani, S.H. 1-9050
- Firpo, J.L., Dupin, J.J., Aliberti, G., Bois, A.G., Barel, J.F. Landau theory for the gas-liquid transition in a monomolecular layer of amphiphilic molecules 1-20563
- Firsh, D. *see* Pickup, B.T. 1-28953
- Firsoff, V.A. On the contradiction between the radar axial period and the atmospheric circulation of Venus 1-22707
- Firsov, K.N. *see* Apollonov, V.V. 1-33658
- Firsov, K.N. *see* Bunkina, M.V. 1-51558
- Firsov, V.G. *see* Barsov, S.G. 1-16518
- Firsov, V.V. *see* Isae, S.K. 1-11007
- Firsova, E.V. *see* Subbotin, V.I. 1-28529
- Firsova, T.K. *see* Vedernikov, G.V. 1-40231
- Firstova, N.M. Ratio of maximum intensities of Ca II H and K lines in umbral flashes 1-44530
- Firth, L.D., Nowara, N.H.A. Electrical resistivity and thermoelectricity of lithium alloys 1-38759
- Firth, W.J., Salomaa, R., Toschek, P.E. Higher order Doppler-free resonances in three-level systems 1-28905
- Firth, W.J. *see* Bialas, J. 1-51164
- Firth, W.J. *see* Pidgeon, C.R. 1-46314
- Firth, W.J. *see* Wood, R.A. 1-15158
- Firtsak, Yu.Yu. *see* Migolints, I.M. 1-41800
- Fisch, N. *see* Hahne, E. 1-17249
- Fisch, N.J. Current generation by minority-species heating 1-46899
- Fisch, N.J., Karney, C.F.F. Current generation with low-frequency waves 1-38090
- Fisch, R. Scaling theory of glass 1-15806
- Fischbach, E., Freeman, B.S. Second-order contribution to the gravitational deflection of light 1-23071
- Fischbeck, H.J., Strehlow, R. Single-site theory of Wannier excitons in disordered semiconductors. II. Numerical results 1-12036
- Fischell, D.R., Brayman, H.C., Cool, T.A. Spectroscopic studies of the products of reactions of yttrium and scandium atoms with halogen molecules. II. Laser induced fluorescence from yttrium and scandium monohalides 1-26721
- Fischell, D.R. *see* Brayman, H.C. 1-26720
- Fischer, A. Thermo-mechanical load capacity and deformation onset of silicon wafers during the high-temperature process 1-43437
- Fischer, A.E., Marsden, J.E. The initial value problem and the dynamical formulation of general relativity 1-18106
- Fischer, C.F. Lifetimes of low-lying 2p , 2d , and 2f states of the Al I isoelectronic sequence 1-45908
- Fischer, D.W. Planning for large-scale accidents: learning from the Three Mile Island accident 1-41180
- Fischer, E.W., Strobl, G.R., Dettenmaier, M., Stamm, M., Steidle, N. Molecular orientational correlations and local order in n-alkane liquids 1-52040
- Fischer, E.W. *see* Stamm, M. 1-42325
- Fischer, F., Schmidtke, G. Rocket-borne auroral EUV measurements 1-9307
- Fischer, F., Stasek, G., Schmidtke, G. Identification of auroral EUV emissions 1-36094
- Fischer, F. *see* Schefer, J. 1-20124
- Fischer, F. *see* Wilbrand, A. 1-3322
- Fischer, G. The effect of a planetary scale mountain on a barotropic flow treated in a simple low-order system 1-4562
- Fischer, G., Hoffman, H. Oscillations of the electrical conductivity with film thickness in very thin platinum films 1-7760
- Fischer, G., Hoffmann, H. Size quantization of electronic states in very thin platinum films 1-12212
- Fischer, G., Hoffmann, H., Vancea, J. Mean free path and density of conduction electrons in platinum determined by the size effect in extremely thin films 1-38868
- Fischer, G. *see* Bruck, E.H. 1-272
- Fischer, G.J. *see* Atefi, B. 1-50721
- Fischer, G.R. *see* Evans, D.L. 1-38562
- Fischer, H., Grunwaldt, H., Neubert, R. Automatic satellite laser ranging system at Potsdam 1-40216
- Fischer, H. *see* Burkhard, P. 1-21054
- Fischer, H. *see* Kastner, M. 1-4582
- Fischer, H. *see* Roduner, E. 1-33581
- Fischer, H.G. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Fischer, H.M. *see* Boerner, H. 1-14741
- Fischer, H.M. *see* Brandelick, R. 1-23510, 1-23527, 1-50411
- Fischer, H.M. *see* Bruning, K. 1-54316
- Fischer, H.W. Systematics of the transmission behaviour and the error structure of transducers 1-23205
- Fischer, J., Hoffman, H., Luft, G., Wendt, H. Water electrolysis at high pressure and medium temperature 1-39847
- Fischer, J., Methesell, M. Born-Green-Yvon approach to the local densities of a fluid at interfaces 1-20515
- Fischer, J., Right-Cohen, G., Simon, M., Joyce, R.R., Simon, T. Observations of H_2 emission from NGC 7538 1-4955
- Fischer, J. *see* Moras, D. 1-32092
- Fischer, J. *see* Ushida, N. 1-546
- Fischer, J.C. *see* Creators, A.F.M. 1-43850
- Fischer, J.E. *see* Hastings, J.B. 1-39333
- Fischer, J.E. *see* Rossat-Mignod, J. 1-34330
- Fischer, J.J. *see* Peschel, R.E. 1-37003
- Fischer, K. *see* Nevrija, M. 1-3709
- Fischer, M. *see* Guntherodt, H.J. 1-25619
- Fischer, O. *see* Ishikawa, M. 1-47787
- Fischer, O. *see* Potel, M. 1-38357
- Fischer, P., Schefer, J., Vogt, O. Neutron diffraction determination of magnetic ordering in the $\text{U}_{1-x}\text{Th}_x$ As system: evidence for modulated magnetic phases 1-47856
- Fischer, P. *see* Didisheim, J.J. 1-7135
- Fischer, P. *see* Murasik, A. 1-47855

- Fischer, R. Recent tectonic movements of the Costa Rican Pacific coast 1-49252
- Fischer, R., Wess, J., Wagner, F. Decays of the heavy lepton τ and chiral dynamics 1-5669
- Fischer, R., Wiczorek, L.-W. Optimum focusing conditions for direct generation of higher harmonics 1-1631
- Fischer, R. see Hauschildt, D. 1-30853
- Fischer, R. see Rehm, W. 1-21251, 1-52983
- Fischer, R.D. Opportunities in the application of microcomputers to heat pumps 1-53656
- Fischer, R.E. Design considerations for a reflective IR imager 1-24519
- Fischer, S. see Harel, H. 1-3824
- Fischer, S.F. see Knapp, E.W. 1-37265
- Fischer, S.F. see Venzl, G. 1-47195, 1-47196
- Fischer, Th. see Kleinschmidt, M. 1-28337
- Fischer, T.A., Tice, J.J., Wittig, C. Optically pumped NSF molecular laser 1-15178
- Fischer, T.A., Wittig, C. 16 μ m optically pumped laser action in propyne 1-46317
- Fischer, T.E. see Kelemen, S.R. 1-35153
- Fischer, U. see Bamberger, A. 1-14417
- Fischer, W. Review on existing and forthcoming spallation neutron sources 1-18947
- Fischer, W., Heymann, G. Generation of dislocations on polished surfaces of dislocation free silicon wafers 1-20217
- Fischer, W.R., Crostack, H.-A., Steffens, H.D., Geldmacher, J. Vibration holography for the detection of defects 1-35469
- Fischer, Z. see Olaszewski, K.J. 1-39979
- Fischer-Hjalmar, I., Henriksson-Enflo, A. Metal bridge effect. V. Quantum chemical studies of some metal chelates 1-1111
- Fischhoff, B. see Slovic, P. 1-50838
- Fischler, M.A. see Tenenbaum, J.M. 1-17712
- Fishman, A.J. see Wittbold, W.M., Jr. 1-314
- Fischmeister, H.F. see Kehl, W. 1-39271
- Fisenko, V.V. A phenomenological representation of a real gas 107 1-29822
- Fisenne, I.M., Cohen, N., Neton, J.W., Perry, P. Fallout plutonium in human tissues from New York City 1-4370
- Fiser, S., Hejrlík, L. Penetration of solar cosmic rays into polar caps after flare of 12 October 1977 1-36135
- Fish, G.E., North, M.H., Stapleton, H.J. Test of orbit-lattice interaction models using spin-lattice relaxation data of Er^{3+} , Dy^{3+} , and Yb^{3+} in $\text{Cs}_2\text{NaYCl}_6$ 1-38979
- Fish, G.E., Rhyne, J.J., Brun, T., Viccaro, P.J., Niarchos, D., Dunlap, B.D., Shenoy, G.K., Shankar, S.G., Wallace, W.E. Neutron scattering studies of hydrides of the Laves phase rare earth compounds RFe_2 1-25203
- Fish, J.L. see Doetschman, D.C. 1-1267
- Fish, R.L. see Davis, R.B. 1-23820
- Fish, R.L. see Krogness, J.C. 1-5918
- Fishbane, P.M. Migdalism revisited: Calculating the bound states of quantum chromodynamics 1-45243
- Fishbane, P.M. see Bidasaria, H. 1-50587
- Fishbane, P.M. see Carlson, C.E. 1-28279
- Fishbein, L.A. see Pershin, V.K. 1-38258
- Fishbone, L. see Abilock, H. 1-39719
- Fishchuk, I.I. see Rud'ko, V.N. 1-25686
- Fisher, A., Gilad, P., Goldin, F., Rostoker, N. Studies of an unneutral electron cloud confined in a multiple-mirrored toroidal magnetic field 1-6984
- Fisher, A.D. see Warde, C. 1-24488
- Fisher, B.E.A. Simple methods of including removal processes in models of the long-range transport of airborne material 1-54256
- Fisher, B.E.A., Macqueen, J.F. The influence of the oceans on the atmospheric burden of carbon dioxide 1-44231
- Fisher, D.E. Quantitative retention of magmatic argon in a glassy basalt 1-49241
- Fisher, D.J. see Kurz, W. 1-25598
- Fisher, D.S. Flux-lattice melting in thin-film superconductors 1-3121
- Fisher, D.S. see Anderson, P.W. 1-20692
- Fisher, D.S. see Coppersmith, S.N. 1-42634
- Fisher, E.M.R. see Cambray, R.S. 1-13205
- Fisher, E.M.R. see Pattenden, N.J. 1-48934
- Fisher, E.S. see Lander, G.H. 1-47623
- Fisher, E.S. see Shrimpton, P.C. 1-44015
- Fisher, H. see Frost, M.M. 1-43972
- Fisher, J. see Shaw, A. 1-35902
- Fisher, J.R., Erickson, W.C. Observations of variable radio sources in the 300 to 1000 MHz range 1-49834
- Fisher, J.R., Tully, R.B. Upper limits on the space density of intergalactic neutral hydrogen clouds 1-49813
- Fisher, J.R. see Tully, R.B. 1-9686
- Fisher, L.M. see Voloshin, I.F. 1-43016
- Fisher, L.R., Israelachvili, J.N. Determination of the capillary pressure in menisci of molecular dimensions 1-30520
- Fisher, L.R., Parker, N.S., Sharples, F. Interference method for measurement of thickness variations in thin liquid films 1-32958
- Fisher, M. see Smith, B.J. 1-52166
- Fisher, M.E. see Huse, D.A. 1-34891
- Fisher, M.E. see Seglar, P. 1-34883
- Fisher, M.E. see Selke, W. 1-25860
- Fisher, M.J. see Lau, J.C. 1-46829
- Fisher, O.N., Smyslov, Y.N., Shmitt-Fogelovich, S.P. Determination of the structural position of Fe^{3+} in mulite by powder diffractometry 1-25217
- Fisher, O.N. see Sokolov, A.N. 1-12727
- Fisher, P.D., Lillevik, S.L., Jones, A.L. Microprocessors simplify humidity measurements 1-40798
- Fisher, P.S. see Godwin, N.S. 1-33212
- Fisher, P.S. see Proudfoot, G. 1-7177
- Fisher, R. see Merewether, D.E. 1-33601
- Fisher, R.A. Anomalous heat capacity of vitreous silica: effect of interstitial ^4He 1-30414
- Fisher, R.A. see Feldman, B.J. 1-41793
- Fisher, R.L. see Slater, J.G. 1-49248
- Fisher, R.L. see Tapscott, C.R. 1-9143
- Fisher, R.M. see Lee, R.J. 1-5284
- Fisher, T.R., Perez, J.D. (ρ R) measurements in ion fusion targets with a fast-proton beam probe 1-25053
- Fisher, V.I. On the fast gas ionization wave in an intense laser beam 1-34085
- Fishkova, T.Ya., Shpak, E.V. Mass analyzer with a linear magnetic field 1-23364
- Fishman, A.Ya. see Ivanov, M.A. 1-47879
- Fishman, F. Longitudinal spin waves in a model of chromium alloys 1-47872
- Fishman, G. see Bonneville, R. 1-7534
- Fishman, G. see Nawrocki, M. 1-52953
- Fishman, I.M. Mechanism of static friction of electron-hole drops in Ge 1-42698
- Fishman, I.S. see Il'in, G.G. 1-28923
- Fishman, J., Seiler, W., Haegenson, P. Simultaneous presence of O_2 and CO bands in the troposphere 1-44286
- Fishman, P.M. see Othmer, E. 1-53923
- Fishman, S. see Schwartz, M. 1-23120
- Fishman, S.G. see Divecha, A.P. 1-48509
- Fisk, E. see Barish, B. 1-10192
- Fisk, L.A. see Mason, G.M. 1-9448
- Fisk, R.J. see Ito, A.S. 1-45373
- Fisk, Z. see Acker, F. 1-47845
- Fisk, Z. see McCarthy, C.M. 1-38936
- Fisk, Z. see Maple, M.B. 1-25844
- Fisk, Z. see Moncton, D.E. 1-30883
- Fisk, Z. see Moor, H.A. 1-7813
- Fisk, Z. see Osoff, S.B. 1-3252, 1-34930
- Fisk, Z. see Sellmyer, D.J. 1-12018
- Fissan, H.J. see Helsper, C. 1-48750
- Fisson, S. see Nguyen Van, V. 1-31213
- Fistedis, S.H. Characterization of liquid-metal fast breeder reactor engineering mechanics effort by lines-of-assurance 1-33313
- Fistell, L.S.A. Variety is the spice of flow measurement. II 1-24896
- Fistul', V.I., Chernova, A.I., Yakimova, E.E. Migration of sodium in silicon 1-20474
- Fistul', V.I., Kleptsyn, V.F. Filamentary metal-semiconductor structures 1-53113
- Fistul', V.I., Yakovenko, A.G., Shelonin, E.A. Internal friction due to diffusion of copper atoms in dislocation cores 1-25371
- Fistul', V.I. see Andrianov, D.G. 1-20971
- Fistul', V.I. see Gubchenko, L.I. 1-21310
- Fistul', V.I. see Pel', E.G. 1-20661
- Fisun, O.I. 'Current runaway' and formation of spatial structures in the plasma of excimer lasers 1-15159
- Fisun, V.V. see Rybal'chenko, L.F. 1-47805
- Fisun, V.V. see Sotnikov, V.A. 1-21107
- Fiszdon, W. Remarks on the boundary conditions at the liquid-vapor interface for the continuum vapor region 1-5253
- Fiszor, J. see Anxolabehere, D. 1-36475
- Fitaire, M., Margot, J., Pointu, A.M., Vialle, M. Microwave measurements on a neon plasma induced by a proton beam 1-38122
- Fitaire, M. see Pointu, A.M. 1-11521
- Fitbo, V.M. see Zyubrik, A.I. 1-23360
- Fitch, P. see Quay, R.J. 1-4373
- Fitch, T. see Jackson, J. 1-49224
- Fitch, W. see Svoboda, J. 1-38024
- Fitch, W.S. Observational evidence of radial mode resonances and of nonspherical symmetry in some variable stars of δ Scuti and related types 1-27535
- Fitchen, D.B. see Lichtman, L.S. 1-39172
- Fite, W.L. see Halle, J.C. 1-35518
- Fitzgerald, L.T. see Katzen, M.J. 1-50963
- Fitzgerald, J.M., Rosant, J.M. A model for stratified-gas-liquid turbulent flow in ducts of arbitrary cross-section 1-46802
- Fitting, H.-J. Temperature dependence of secondary electron emission from SiO_2 -layers 1-21304
- Fitting, H.-J. Some aspects of electron emission from solids 1-21306
- Fitting, H.-J. Exoelectron emission due to relaxation processes at surfaces [Si target covered with 30 Å SiO_2] 1-53061
- Fitting, H.-J. see Wild, W. 1-38412
- Fittipaldi, F. see Busico, V. 1-8762
- Fittipaldi, I.P. see Kaneyoshi, T. 1-25962
- Fitton, J.E. see Clegg, G.A. 1-39883
- Fitton, J.G. The Benue trough and Cameroon line—a migrating rift system in West Africa 1-22267
- Fitz, D.E., Khare, V., Kouri, D.J. Comment on 'Differential cross sections for the $j=0 \rightarrow 1$ rotational excitation in HD-Ne collisions and their relevance to the anisotropic interaction' 1-10811
- Fitz, D.E., Kouri, D.J. CS and IOS approximations for fine structure transitions in $\text{Na}(^2\text{P})$ - $\text{He}(^1\text{S})$ collisions 1-37300
- Fitz, D.E. see Khare, V. 1-6364
- Fitzner, E., Geigl, K.-H., Huttner, W. The influence of carbon fibre surface treatment on the mechanical properties of carbon/carbon composites 1-35305
- Fitzner, E., Hegen, D., Strohmeier, H. Possibility of gas phase impregnation with silicon carbide 1-21363
- Fitzner, E., Huttner, W. Structure and strength of carbon/carbon composites 1-48421
- Fitzner, E., Huttner, W., Manocha, L.M. Influence of process parameters on the mechanical properties of carbon/carbon-composites with pitch as a matrix precursor 1-35306
- Fitzner, E., Kochling, K.-H., Schwarz, G. Thermal bulk and lattice expansion behaviour of polycrystalline graphites 1-2663
- Fitzgerald, C.L., Vaughan, V.C.A. Head-end reprocessing studies with irradiated high temperature gas-cooled reactor (HTGR) fuels 1-18854
- Fitzgerald, E.R. Simultaneous dynamic mechanical and dielectric measurements on polymers 1-39358
- Fitzgerald, J.E. A tensorial Hencky measure of strain and strain rate for finite deformations 1-11310
- Fitzgerald, M., White, D.R., White, E., Young, J. Mammographic practice and dosimetry in Britain 1-49097
- Fitzgerald, M.J. The Oberon Bay meteorite 1-36236
- FitzGerald, M.P., Moffat, A.F.J. Luminous stars beyond the solar circle: investigation of a galactic field at $l=231^\circ$ 1-27570
- Fitzgerald, P. see McPherson, A. 1-8808
- Fitzgerald, R.A. see Willey, J.D. 1-44195
- Fitzgerald, W.F. see Lyons, W.B. 1-4218
- Fitzharris, B.B. see Salinger, J. 1-13560
- Fitzjarrald, D.E. An experimental investigation of convection in a fluid that exhibits phase change 1-46740
- Fitzl, G., Tempel, A., Seifert, W., Butter, E. Epitaxial growth of GaN on (1012) oriented sapphire in $\text{GaCl}/\text{NH}_3/\text{He}$ and $\text{GaCl}/\text{NH}_3/\text{H}_2$ systems 1-53099
- Fitzl, G. see Seifert, W. 1-20161
- Fitzner, K. Thermodynamic properties of dilute sulfur solutions in liquid metals 1-16061
- Fitzpatrick, J.A., Donaldson, I.S. Row depth effects on turbulence spectra and acoustic vibrations in tube banks 1-29659
- Fitzpatrick, N.J. see Fanning, M.O. 1-41318
- Fitzpatrick, W.J. see Mehran, F. 1-12398
- Fitzsimmons, W.A. see Parker, J.W. 1-29089, 1-39632
- Fitzwater, M.A. The lateral migration of a sphere in a micropolar liquid 1-2037
- Flutak, J., Mizerski, J. Transient behaviour of laser 1-10981
- Flutak, J. see Czub, J. 1-28918
- Fiveiskii, Yu.D. see Golubev, S.G. 1-8001
- Fiveiskii, Yu.D. see Litvinenko, G.I. 1-1637
- Fivez, J., De Raedt, H. Spin waves in a classical compressible Heisenberg chain 1-25916
- Fivozinsky, S. see Purdy, J.A. 1-22139
- Fix, G.J., Nicolaides, R.A., Gunzburger, M.D. On mixed finite element methods for a class of nonlinear boundary value problems 1-22996
- Fix, G.L. see Baker, T.E. 1-12904
- Fix, J.D., Claussen, M.J., Doiron, D.J. 18-cm observations of an outburst in V711 Tau 1-9568
- Fix, J.D., Mutel, R.L., Benson, J.M., Claussen, M.L. VLB1 observations of main-line OH emission from U Orionis 1-22820
- Fixler, S.Z., Zatz, I.J. First-wall thermostructural and material considerations in the TFTR 1-6016
- Fjaer, E., Grip, J., Samuelsen, E.J. Light scattering studies of the two dimensional phase transition in squaric acid 1-8082
- Fjeld, R.A., Gaunt, R.O., Laughlin, G.J., McFarland, A.R. Measurement of the charge on sub-micrometer aerosol exposed to bipolar ions 1-21794
- Fjodorov, A.M. see Pakay, P. 1-23275
- Fjodorova, W.N., Magomedov, G.M., Selenov, J.W. Relaxation processes in polymer composites 1-3815
- Fjok, A.J., Wernik, M.R. FM transmission method of measurement of resonant two-terminal networks 1-28033
- Flack, H.D., Vincent, M.G., Alcock, N.W. Absorption and extinction corrections: standard tests 1-3534
- Flack, R.D., Rooke, J.H. A theoretical-experimental comparison of the synchronous response of a bowed rotor in five different sets of fluid film bearings 1-46690
- Flack, R.D. see Turner, B.L. 1-24790

- Flack, R.D., Jr. A simple method of analysing axisymmetric data from a Wollaston prism schlieren interferometer 1-51884
- Flagg, R. See Kleban, P. 1-47385
- Flagg, R.C., Luning, C.D., Perry, W.L. Implementation of new iterative techniques for solutions of Thomas-Fermi and Emden-Fowler equations 1-37116
- Flahaut, J. See Benazeth, S. 1-25293
- Flahaut, J. See Likforman, A. 1-20147
- Flahaut, J. See Palazzi, M. 1-30468, 1-38587
- Flahaut, J. See Pardo, M.-P. 1-3708
- Flahaut, J. See Reisfeld, R. 1-26237
- Flaherty, E.J., Jr. Complex variables in relativity 1-18102
- Flaherty, J.M. A review of depreciative color center phenomena in lamp phosphors 1-48132
- Flaim, S.F., Minter, W.J. Ventricular volume overload alters cardiac output distribution in rats during exercise 1-22031
- Flakis, H.T. See Chzarnicki, J.J. 1-28950
- Flambaum, V.V., Khrplovich, I.B. P-odd nuclear forces—a source of parity violation in atoms 1-23571
- Flambaum, V.V. See Sushkov, O.P. 1-460, 1-36946
- Flament, J.P., Hoppiliard, Y., Jaudon, P., Yourkharibache, P. Novel interpretation of the first band of the photoelectron spectra of methanol 1-51243
- Flaminio, E. See Bianchi, R. 1-44458
- Flaminio, E. See Coradini, M. 1-44461
- Flamm, D.L. Mechanisms of radical production in radiofrequency discharges of CF_3Cl , CF_3Br , and certain other plasma etchants: spectrum of a transient species 1-34124
- Flamm, D.L., Cowan, P.L., Golovchenko, J.A. Etching and film formation in CF_3Br plasmas: some qualitative observations and their general implications 1-31696
- Flamm, D.L. See Donnelly, V.M. 1-16615
- Flammang, R.A. See Thorne, K.S. 1-44588
- Flamme, B. Investigation of amorphous low-pressure chemical-vapor-deposited silicon films by ellipsometry 1-40836
- Flamme, J.P., Mark, T., Los, J. Laser-induced photodissociation of He_2^+ 1-10790
- Flamme, J.-P. See Dannacher, J. 1-6314
- Flanagan, C.T. See Shanley, J.F. 1-40854, 1-40855
- Flanagan, J.B. See Watanabe, I. 1-3563
- Flanagan, J.B., Christensen, S.W. Technique for frequency division/multiplication of speech signals 1-11256
- Flanagan, T.B. The solvus entropy for metal-hydrogen systems 1-52316
- Flanagan, T.B., Mason, N.B. The effect of stress on hydride precipitation 1-53186
- Flanagan, T.B. See Bowerman, B.S. 1-2631
- Flanagan, T.M. See Treadaway, M.J. 1-34138
- Flandern, T.C. Van see Van Flandern, T.C.
- Flanders, D.C. Graphoepitaxy 1-20584
- Flanders, P.J. See Novak, P. 1-34876
- Flandrois, S., Alcazer, L. Applications of charge-transfer complexes and related compounds 1-42766
- Flandrois, S., Amiel, J., Masson, J.-M. ESR study of second stage nickel chloride graphite intercalation compound 1-34931
- Flandrois, S., Masson, J.-M., Rouillon, J.-C., Gaultier, J., Hauw, C. Intercalation compounds of graphite with nickel chloride. Synthesis, structure, and mechanism of intercalation 1-48290
- Flandrois, S. See Alcazer, L. 1-11740
- Flandrois, S. See Bulka, B.R. 1-25868
- Flandrois, S. See Masson, M. 1-17030
- Flanigan, L.J. See Segev, A. 1-5939
- Flank, A.M., Naudon, A. In-situ measurements in metallic glasses by small-angle scattering of X-rays 1-25173
- Flann, R.C. See Bear, I.J. 1-3661
- Flannery, B.P., Rybicki, G.B., Sarazin, C.L. Ultraviolet pumping of Si^2 fine-structure levels 1-54362
- Flannery, B.P. See McMillan, S.L.W. 1-22851
- Flannery, B.P. See Roberge, W.G. 1-34581
- Flannery, B.P. See Taam, R.E. 1-9506
- Flannery, J.V. See Wuerker, R.F. 1-15121, 1-41626
- Flannery, M.R.-Ion ion recombination in $(\text{X}^+ + \text{Y}^- + \text{X})$ systems at low gas densities. I. Symmetrical resonance charge transfer contribution 1-8563
- Flannery, M.R. Thermal collisions of Rydberg atoms with neutrals 1-19162
- Flannery, M.R. Theoretical treatment of collisions of Rydberg atoms with neutral atoms and molecules. Semiquantal, impulse, and multistate-orbital theories 1-19168
- Flannery, M.R.-Ion ion recombination in $(\text{X}^+ + \text{Y}^- + \text{Z})$ systems at low gas densities. II. Elastic ion-neutral collisions 1-46062
- Flannery, M.R., Yang, T.P. Three-body recombination of rare gas atomic ions X^+ with F^- in a low-density gas 1-1315
- Flanz, J.B. See Lindgren, R.A. 1-50589
- Flapper, S.D.P., Vertogen, G. On the hard core equation of state for nematics 1-2586
- Flasche, A. See Gilg, W. 1-9343
- Flaskamp, K. See Hucks, P. 1-25555
- Flat, A., Milnes, A.G. Predicted effect of grid line aspect ratio on the performance of solar cells 1-8728
- Flato, M., Fronsdal, C. On DIS and Racs 1-18374
- Flato, M., Lichnerowicz, A. Cohomology of the representations, with values in the forms and defined by the Lie derivatives of the Lie algebra of the vector fields on a differentiable manifold. First cohomology spaces. Applications 1-33126
- Flatte, S.M., Leung, R., Lee, S.Y. Frequency spectra of acoustic fluctuations caused by oceanic internal waves and their fine structure 1-29443
- Flaud, J.-M., Camy-Peyret, C., Malathy Devi, V., Das, P.P., Narahari Rao, K. Diode laser spectra of the ν_2 band of $^{14}\text{N}^{16}\text{O}_2$: the (010) state of NO_2 1-37204
- Flaud, J.-M., Camy-Peyret, C., Toth, R.A. Line positions and intensities of the $2\nu_2$, ν_1 , and ν_3 bands of H_2^{16}O 1-33422
- Flaud, J.-M. See Camu-Peyret, C. 1-24129
- Flauger, W. See Altkofer, O.C. 1-45773
- Flauger, W. See Aubert, J.J. 1-5630
- Flax, L., Varadan, V.K., Varadan, V.V. Scattering of an obliquely incident acoustic wave by an infinite cylinder 1-29428
- Flechon, J. Optimisation of cooling systems in tropical zones 1-17280
- Flechon, J. See Belin, E. 1-31229, 1-31234
- Flechon, J. See Kuhnast, F.A. 1-52073
- Flechon, J. See Kuhnast, F.A. 1-30090
- Flechon, J. See Machizaud, F. 1-34236
- Fleck, J.A. See Feit, M.D. 1-6678
- Fleck, J.A., Jr. See Feit, M.D. 1-6660
- Fleck, R.C., Jr. Hydromagnetic rotational braking of magnetic stars 1-9511
- Fleck, R.C., Jr. Turbulence and the stability of molecular clouds 1-49758
- Fleck, U., Wonn, H., Ziesche, P. An energy linearized scheme for relativistic band structure calculation with results for Cu, Ag, Au, and Ir 1-20607
- Fleeter, R., Kestin, J., Wakeham, W.A. The thermal conductivity of three polyatomic gases and air at 27.5°C and pressures up to 36 MPa 1-15570
- Flegel, W. See Diddens, A.N. 1-14747, 1-23998
- Flegel, W. See Jonker, M. 1-10194, 1-14432, 1-45258
- Fleischauer, P.D. See Bertrand, P.A. 1-31305
- Fleischer, C.C., Morgan, P.L.T., Waine, B.R. An exploration of the design for a PCCV head seal with very large penetrations using a dynamic relaxation computer program 1-23758
- Fleischer, C.C. See Garas, F.K. 1-37001
- Fleischer, H. Subjective magnitude of differences in the degree of amplitude-modulation of sinusoidal tones 1-4285
- Fleischer, R.L. Radon flux from the Earth: methods of measurement by the nuclear track technique 1-44323
- Fleischer, R.L., Giard, W.R., Mogro-Campero, A., Turner, L.G., Alter, H.W., Gingrich, J.E. Dosimetry of environmental radon: methods and theory for low-dose, integrated measurements 1-44005
- Fleischmann, H.H. See Rej, D.J. 1-15566
- Fleischmann, P., Rouby, D. Study of dislocation glide in aluminium by means of acoustic emission technique 1-20235
- Fleischmann, R., Bohm, H. Fuel cell aggregate with tungsten carbide as anode catalyst 1-35646
- Fleisher, S.M. See Shwehdy, E. 1-35915
- Fleisher, V.G. See Dzhiyev, R.I. 1-3300
- Fleisher, V.G. See Kalevich, V.K. 1-21076
- Fleishmann, M. See Abayneh, M.Y. 1-53360
- Flem, G.L. See Le Flem, G.
- Fleming, D.G., Mikula, R.J., Garner, D.M. Muon spin-exchange in low pressure gases: $\text{Mu} + \text{O}_2$ and $\text{Mu} + \text{NO}$ 1-6410
- Fleming, D.G. See Suzuki, T. 1-6353
- Fleming, G.P. Production of Y^* resonances by low energy K^+ mesons 1-45345
- Fleming, G.R. See Beddard, G.S. 1-21986
- Fleming, G.R. See Sadowski, P.J. 1-29020
- Fleming, H., da Silveira, V.L.R. Phase transitions in cosmological models: Temperature vs. curvature 1-5008
- Fleming, J.E.E. See Hall, A.J. 1-8939
- Fleming, J.W. See Bagley, B.G. 1-3353
- Fleming, J.W. See Unstead, M.E. 1-21745
- Fleming, M.W., Mooradian, A. Spectral characteristics of external-cavity controlled semiconductor lasers 1-41698
- Fleming, N.H. See Kimbrell, C.L. 1-31966
- Fleming, R.F. See Wehe, D.K. 1-50731
- Fleming, R.M. Electric-field depinning of charge-density waves in NbSe_2 1-38766
- Fleming, R.M. See DiSalvo, F.J. 1-2897
- Fleming, R.M. See Silvenius, J.J. 1-47718
- Fleming, R.M. See McWhan, D.B. 1-30944
- Fleming, R.P.H. Vacuum sintering and heat treatment of some nickel base alloys produced by powder metallurgy techniques 1-39269
- Fleming, R.P.H. Hot impact extrusion and subsequent processing of some high temperature nickel base alloys 1-39351
- Flemings, M.C. See Goodwin, F.E. 1-26443
- Flemings, M.C. See Laxmanan, V. 1-43439
- Flengas, S.N. See Sadoway, D.R. 1-4076
- Flenley, D.C. See Douglas, N.J. 1-13331
- Flenner, P.D. See Meineri, W.D. 1-50766
- Fleutje, G. See Weiler, K.H. 1-44322
- Fleury, G.N. Some new approaches to the synthesis of heavy and superheavy elements 1-10399
- Fleror, G.N. See Oganessian, Yu. Ts. 1-50655
- Fleror, I.N., Iskornev, I.M., Aleksandrov, K.S., Voronov, V.N. Thermal properties of CsPbF_3 crystals 1-2627
- Fleror, M.N. See Hianik, T. 1-17353
- Fleror, V. Efficiency of the V_2 - and Ag^0 -centers generation in KBr 1-21244
- Flerova, S.A., Bochkov, O.E. Influence of a magnetic field on the phase boundary in BaTiO_3 crystals 1-43075
- Flerova, S.A., Taran, V.G. Luminescence during mechanical switching of crystals having ferroelectric and ferroelastic properties 1-8144
- Flesch, G.D. See Houk, R.S. 1-50259
- Flesher, A.C. See Bateman, J.E. 1-14731
- Flesner, L.D., Silver, A.H. Improved method for measuring unneling conductance [for superconducting junctions] 1-16413
- Flessas, G.P. On the origin of constant matrix elements of a two-body operator 1-645
- Flessas, G.P. Exact solutions for the doubly anharmonic oscillator. II 1-23048
- Fleszynski, J., Gonczarow, W. Study of the space and time dependent parameters of electrical discharge development in liquid nitrogen 1-3329
- Fleszynski, J., Zelek, A. Dynamics of the development of surface discharges in liquid nitrogen 1-42222
- Fletcher, A.N. See Miles, M.H. 1-8578
- Fletcher, B. Comment on 'A force balance model for particle entrainment into a fluid stream' 1-24770
- Fletcher, C.A.J. On the application of a least squares residual-fitting finite element formulation to fluid flow problems 1-23018
- Fletcher, E.A. See Diver, R.B. 1-21931
- Fletcher, G. Ground-state energy of the one-dimensional Hubbard model with strong coupling 1-2857
- Fletcher, I.R., Rosman, K.J.R., Twaddle, I.W.T. The effect of trace gases on neodymium ion formation [Sm-Nd geochronology] 1-17124
- Fletcher, J., Blevin, H.A. The nature of the positive ion contribution to a gas discharge 1-29938
- Fletcher, J., Reid, I.D. The transport parameters of an electron swarm in nitrogen at elevated E/N 1-24916
- Fletcher, J.B. Spectra from high-dynamic range digital recordings of Oroville, California after-shocks and their source parameters 1-22227
- Fletcher, J.F. See Sheard, F.W. 1-20545
- Fletcher, J.K. A method of solution of the transport equation in toroidal geometry 1-5834
- Fletcher, J.K. A semianalytic method for the solution of the neutron transport equation in plane and spherical geometries 1-45581
- Fletcher, J.K. Finite element option for the MARC transport/diffusion theory computer code 1-50707
- Fletcher, J.R. The theoretical temperature dependence of the optical absorption spectrum for strongly coupled Jahn-Teller systems 1-31110
- Fletcher, J.R., Grimshaw, J.M., Knowles, A.P., Moore, W.S. An EPR study of $3d^3$ ions in Al_2O_3 by thermal detection 1-26023
- Fletcher, J.R. See Abhivani, A.S. 1-52533
- Fletcher, J.R. See Ghazi, A.A. 1-15971
- Fletcher, J.R. See Rampton, V.W. 1-16479
- Fletcher, J.R. See Wigmore, J.K. 1-15996
- Fletcher, L.S. See Somers, R.R., II. 1-48905
- Fletcher, R.M. See Wagner, D.K. 1-25812
- Fletcher, S., Matthews, D.B. Behaviour of lead electrodes in sulphate electrolytes. I. Effect of electrode preparation on discriminant curve cyclic voltammograms 1-48816
- Fletcher, S., Matthews, D.B. Behaviour of lead electrodes in sulphate electrolytes. II. Investigation of the electrode kinetics 1-48817
- Fletcher, V.A. See Wolgast, R.C. 1-45759
- Flett, A.M., Henderson, C. Flux density measurements of variable radio sources at λ 8.96 mm (33.5 GHz) 1-54648
- Fletterick, R.J. See Sprang, S. 1-8794
- Fléuret, J., Gravey, P. Proposals for logical optical operators 1-41612
- Fléuret, J. See Gaggioli, N.G. 1-50254
- Fléury, A. See Basse-Cathalinat, B. 1-40026
- Fléury, A. See Cabot, C. 1-14537, 1-45546
- Fléury, A. See Dufour, J.P. 1-45526
- Fléury, A. See Hubert, F. 1-5034
- Fléury, P.A. Structural phase transitions: defects and dynamics 1-2618
- Fléury, P.A. Spectroscopy of collective pair excitations 1-43130
- Flewitt, P.E.J. See Lonsdale, D. 1-16859, 1-31552
- Flewitt, P.E.J. See Stevens, R.A. 1-16860

- Flicker, H. *see* Feisfeld, M.J. 1-14884
 Flicker, H. *see* McDowell, R.S. 1-24141
 Flicker, H. *see* Nereson, N. 1-1219
 Flicker, H. *see* Reisfeld, M.J. 1-1217
 Flierl, G.R., Larichev, V.D., McWilliams, J.C., Reznik, G.M. The dynamics of baroclinic and barotropic solitary eddies 1-4563
 Flinn, E.A., Salehi, H., Tomlinson, R.D. Secondary electron emission from CuInTe_2 1-16630
 Flinn, E.A., Salehi, M. The Fano plot in secondary electron emission studies 1-8173
 Flinn, W.R. *see* Collins, J.T. 1-39985
 Flint, B.K. *see* Stelmack, L.A. 1-15174, 1-33698
 Flint, C.D., Paulusz, A.G. High resolution infrared and visible luminescence spectra of OsCl_6^{2-} and OsBr_6^{2-} in cubic crystals 1-26262
 Flint, C.D., Paulusz, A.G. Infrared luminescence spectroscopy of coordination compounds 1-31200
 Flint, J.H. *see* Madigan, M. 1-29260
 Flint, K.P. *see* Wehe, D.K. 1-28536
 Flinterman, M. *see* Smook, J. 1-26421
 Flipchenko, V.Ya. *see* Zhukov, A.G. 1-42654
 Flis, A.A., Minakova, R.V., Teodorovich, O.K., Vorona, D.S., Antoshina, R.I. Tungsten carbide pseudosolids and their potential applications 1-31615
 Flis, V.S. *see* Pan, V.M. 1-25849
 Fliszar, S. *see* Bridet, J. 1-12055
 Fliszar, S. *see* Foti, A.E. 1-10659
 Flitt, H.J., Bockris, J.O'M. Hydrogen/metal interactions with special reference to electrochemical approaches 1-43477
 Fljorov, G.N., Tyr-Akopjan, G.M. Experiments for the study of super-heavy elements occurring in nature 1-28789
 Flo, P.G. *see* Olsen, O.E. 1-14318
 Flocchini, G., Pasquale, V. Contribution of the diffuse component to the global solar radiation 1-17638
 Floch, A.C. *see* Le Floch, A.C.
 Floch, A. *see* Le Floch, A.
 Flocco, B. *see* Duchet, M. 1-40195
 Flohn, H. Lessons from climatic history 1-4604
 Flohn, H. Possible climatic consequences of a man-made global warming 1-40184
 Flohn, H. Possible climatic consequences of a man-made global warming 1-40185
 Flohn, H. *see* Henning, D. 1-22392
 Flohn, H. *see* Nicholson, S.E. 1-17682
 Flokstra, J., Gerritsma, G.J., Kreuwel, H.J.M., van der Marel, L.C. Two high-frequency mutual inductance bridges with high resolution 1-287
 Flom, M.C. Corresponding and disparate retinal points in normal and anomalous correspondence 1-35775
 Floata, M.L. *see* Margineanu, D.-G. 1-13364
 Flood, P.R. Thin film thickness measurements [of SEM specimens] 1-14103
 Flood, W.A. A D region mid- and high-latitude approximation to the Sen-Wyller refractive index equations 1-4698
 Floor, C. Rainbows and halos in lighthouse beams 1-9254
 Flor, G., Bjorkstam, J.L., Villa, M. A thermogravimetric and NMR study of β -aluminas 1-7970
 Flor, H., Gudladt, H.J., Schwink, Ch. Plastic deformation of Fe-Ni invar alloys 1-26530
 Flor, H., Neuhauser, H. Slip band formation and deformation dynamics in Cu-30% Zn single crystals 1-20234
 Flor-Henry, P. *see* Koles, Z.J. 1-43860
 Flora, R. *see* Koepke, K. 1-51008
 Floratos, E.G., Lacaze, R., Kounnas, C. Space and time like cut vertices in QCD beyond the leading order-non-singlet sector 1-28278
 Floratos, E.G., Lacaze, R., Kounnas, C. Space- and time-like cut vertices in QCD beyond the leading order-the singlet sector 1-28332
 Florea, C. Euler's problem for nematic liquid crystals 1-7075
 Florea, C. Kirkwood's method for nematic mesomorphism 1-38259
 Floreen, S., Kane, R.H. An investigation of the creep-fatigue-environment interaction in a Ni-base superalloy 1-3829
 Florence, A.T. *see* Vezin, W.R. 1-46976
 Florence, J.M. Color coding in incoherent spatial filtering 1-51399
 Florentine, M., Buus, S., Scharf, B., Zwicker, E. Frequency selectivity in normally-hearing and hearing-impaired observers 1-35787
 Flores, C. *see* Guarini, G. 1-33650
 Flores, F. *see* Calleja, J.M. 1-31138
 Flores, F. *see* Louis, E. 1-7737
 Flores, F. *see* Sanchez-Dehesa, J. 1-7547
 Flores, J., Henestroza, E., Mello, P.A., Moshinsky, M. Decay of a compound particle and the Einstein-Podolsky-Rosen argument 1-27724
 Flores M., A., Silva R., G. Logical approach to the extraction of contours and vertices from digital images 1-49415
 Florez, J.M. *see* Chin, G. 1-54384
 Florian, W. *see* Prinz, N. 1-8514
 Florides, P.S. The Robertson-Walker metrics expressible in static form 1-9885
 Florov, A.K. *see* Arsh, E.I. 1-18209
 Flory, E. Boundary value for a stratified anisotropic ionosphere 1-27326
 Flory, F. *see* Borgogno, J.P. 1-37637
 Flory, P.J. Molecular morphology in amorphous and glass polymers 1-30103
 Flory, P.J. Crystalline and mesomorphic phases in polymers 1-38292
 Flory, P.J. Introductory lecture: levels of order in amorphous polymers 1-52083
 Flory, P.J. *see* Warner, M. 1-38516
 Flory, P.J. *see* Yoon, D.Y. 1-38299
 Flotow, H.E. *see* O'Hare, P.A.G. 1-31901
 Flotow, H.E. *see* Ohlendorf, D. 1-2654, 1-7348
 Flouquet, J. *see* Benoit, A. 1-30898
 Flouquet, J. *see* Murani, A.P. 1-30911
 Flouquet, J. *see* Ribault, M. 1-3025
 Flourens, A. *see* Brodin, J. 1-15372
 Flower, D.R. Ultraviolet spectra of planetary nebulae. II. The young planetary nebula IC 4997 1-13838
 Flower, D.R., Penn, C.J. The ultraviolet spectrum of the planetary nebula NGC 6572 1-36380
 Flower, D.R., Pineau des Forets, G. Solar emission lines produced in the wake of a shock wave. I. The thermodynamic cycle 1-40446
 Flower, H.M. *see* Lipscombe, K. 1-31640
 Flower, J.O., Knott, G.F. Describing-function method for estimating the performance of a dynamic system having nonlinear-power take-off, with application to wave-power conversion 1-8664
 Flower, J.O. *see* Knott, G.F. 1-2006
 Flower, M.A., Parker, R.P. Quantitative imaging using the Cleon emission tomography system. Recent developments 1-40005
 Flower, P.Q. *see* Manders, P.W. 1-48456
 Flowers, W.C. *see* Hunter, B.L. 1-22168
 Flowers, W.C. *see* Shepley, M.P. 1-13356
 Floyd, C.E. *see* Byrd, R.C. 1-28476
 Floyd, C.E. *see* Murphy, K. 1-50597
 Floyd, C.E. *see* Wender, S.A. 1-980
 Floyd, M.A., Fassel, V.A., D'Silva, A.P. Computer-controlled scanning monochromator for the determination of 50 elements in geochemical and environmental samples by inductively coupled plasma-atomic emission spectrometry 1-49399
 Fluckiger, U. A comparison between alpha autoradiography and some measured alpha emitting actinide profiles in a plutonium containing fuel 1-50761
 Fluckiger, U. *see* Bart, G. 1-50955
 Fluendy, M.A.D., Lawley, K.P., Sholeen, C., Sutton, D. Electronic excitation in potassium/alkali halide collisions-the electron harpoon 1-41471
 Fluoraru, C. An approximation method for the computation of the sinusoidal electromagnetic field penetration in nonhomogeneous conductors 1-52595
 Flug, M., Abi-Ghanem, G.V., Duckstein, L. An event-based model of recharge from an ephemeral stream 1-36007
 Flugge, G. Heavy leptons 1-10186
 Flugge, G. Recent e^+e^- results from DESY 1-14408
 Flugge, G. *see* Berger, C. 1-5636, 1-10209
 Flugge, G. *see* Berger, Ch. 1-14404, 1-50412
 Fluharty, R.G. *see* Yelon, W.B. 1-33360
 Flukiger, R. A15 superconducting wires produced by discontinuous fibre methods 1-12688
 Flukiger, R. *see* Jorda, J.L. 1-31422, 1-52682
 Flumerfelt, R.W. *see* Krig, R.D. 1-38621
 Flurry, R.L., Jr., Siddall, T.H., III Permutational-symmetry-adapted powers of representations of the point groups deduced from the unitary group 1-13992
 Flurry, R.L., Jr. *see* Siddall, T.H., III 1-14931
 Fluss, M.J., Chason, M.K., Lerner, J.L., Legnini, D.G., Smedskjaer, L.C. Ion implantation of ^{36}Cl for positron-annihilation Doppler-broadening measurements 1-32968
 Fluss, M.J., Smedskjaer, L.C., Chason, M.K. Comparison of the electron momentum distribution of solid and liquid Ni as measured by positrons 1-31225
 Fluss, M.J. *see* Smedskjaer, L.C. 1-8154
 Flygare, W.H. *see* Balle, T.J. 1-50183
 Flygare, W.H. *see* Buxton, L.W. 1-33478
 Flygare, W.H. *see* Campbell, E.J. 1-45027, 1-45940
 Flygare, W.H. *see* Keenan, M.R. 1-10755, 1-51192
 Flygare, W.H. *see* Legon, A.C. 1-51185
 Flynn, C.P. Configuration of d holes in metals and alloys 1-7557
 Flynn, C.P. Charge-transfer insulators 1-7562
 Flynn, C.P., Chen, Y.C. Work function and bonding energy of rare-gas atoms adsorbed on metals 1-47724
 Flynn, C.P. *see* Stapleton, H.J. 1-17344
 Flynn, E.R., Cizevski, J.A., Brown, R.E., Sunier, J.W. $^{136,138}\text{Ba}(t, p)$ and the systematics of neutron pairing vibrations at $N=82$ 1-28367
 Flynn, E.R. *see* Girshick, F. 1-28384
 Flynn, G. *see* Shamah, I. 1-46032
 Flynn, G.W. *see* Mandich, M.L. 1-10826
 Flynn, J.H. Degradation kinetics applied to lifetime predictions of polymers 1-48651
 Flynn, P.J. *see* Aston, D. 1-14399, 1-45297, 1-50442
 Flytzanis, C. *see* Agrawal, G.P. 1-46431
 Flytzanis, C. *see* Dulic, A. 1-41519
 Flyvbjerg, H. Improved QCD vacuum for gauge groups $\text{SU}(3)$ and $\text{SU}(4)$ 1-36844
 Flyvbjerg, H. *see* Ambjorn, J. 1-18375
 Fnaiech, M., Louchet, F., Jouffrey, B. On the structure of multiple Frank loops in quenched aluminium-silicon alloys 1-38370
 Foa, L. *see* Amendolia, S.R. 1-18959, 1-18960, 1-18961
 Focardi, E. *see* Amendolia, S.R. 1-18959, 1-18960
 Focardi, S. *see* Bollini, D. 1-6077
 Focardi, S. *see* Deninno, M.M. 1-50440
 Foces-Foces, C. *see* Cano, F.H. 1-24281
 Fock, K., Laczhazi, G., Antos, G., Zilahy, F. Multi-component digital force and torque meter for intelligent robots 1-28015
 Fock, K. *see* Glockner, Gy. 1-24901
 Foda, M., Cox, R.G. The spreading of thin liquid films on a water-air interface 1-20517
 Fodor, J. *see* Opjorden, R. 1-39790
 Fodor, R.V., Keil, K., Prinz, M., Ma, M.-S., Murali, A.V., Schmitt, R.A. Clast-laden melt-rock fragment in the Adams County, Colorado, H5 chondrite 1-9437
 Fodor, R.V. *see* Keil, K. 1-32666
 Fodor-Lovas, I. *see* Fortier, S. 1-10322
 Foelsche, H. *see* Bozoki, G. 1-45752
 Foerster, H. *see* Schiller, S. 1-12959
 Foeth, H. The Internal Picket Fence for BEBC 1-14749
 Fofi, M. *see* Cacciani, A. 1-9460
 Fog, C. *see* Lading, L. 1-44350
 Fogarassy, B. *see* Cziraki, A. 1-2340
 Fogarassy, B. *see* Cziraky, A. 1-25166
 Fogarassy, B. *see* Kemeny, T. 1-34881
 Fodeghy, H.C. Classical and quantum aspects of the continuous Heisenberg chain at $T=0$ 1-52742
 Fogel, D. *see* Tolmachev, Yu.A. 1-33552
 Fogel', N.Ya., Cherkasova, V.G. On possible new mechanism of critical current in superconductors 1-47826
 Fogel', Ya.M. *see* Palatnik, L.S. 1-2483
 Fogelberg, B., Heyde, K., Sau, J. Energy levels and transition probabilities in ^{130}Sn 1-41058
 Fogelberg, B., Tovedal, H. Energy levels in ^{137}Xe populated in the decay of the delayed neutron precursor ^{137}I 1-638
 Fogel'son, T.B. *see* Armichev, A.V. 1-6576
 Fogleman, K.A. *see* Stephens, C.D. 1-49220
 Fogli, G.L. Parity-violating effects in the weak N^* production 1-50413
 Fogli-Muciaccia, M.T. *see* Erriques, O. 1-23490
 Fogoski, J.W., Arnold, R.A., Bystricky, K.M., Senevirantna, E. Bursting boundary raytrace-definition and applications 1-46219
 Fohrmann, R. *see* Boerner, H. 1-14741
 Fohrmann, R. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Foidevaux, C., Paquin, C., Souriau, M. Tectonic stresses in France: in situ measurements with a flat jack 1-27116
 Foiles, C.L. Influence of atomic order-disorder transitions on the thermopowers of Cu_3Au and $\text{Co}_{0.8}\text{Pd}_{0.2}$ 1-16278
 Foin, C. *see* Bastin, G. 1-604
 Foister, R.T. *see* Powell, R.L. 1-9808
 Fok, M.V. *see* Timofeev, Yu.P. 1-12551
 Fok, Y.C.T. *see* Clark, D.T. 1-52674
 Fokin, V.S. *see* Boiko, G.A. 1-8104
 Fokina, N.P. *see* Buishvili, L.L. 1-21032, 1-52861
 Fokitis, E. *see* Diakonou, M. 1-10256
 Fokitis, E. *see* Kourkoulis, C. 1-5665, 1-50474
 Fokkema, J.T., van den Berg, P.M. Wave motion generated by a time-harmonic buried line force in a solid with a stress-free, periodic boundary 1-29429
 Fokkema, J.T. *see* van den Berg, P.M. 1-1458
 Folcher, G., Lambert, J., Marquet-Ellis, H. Vibrational, electronic and nuclear magnetic resonance spectroscopies of uranium tetraborohydride in solution 1-51229
 Folcher, G. *see* Soulie, E. 1-51231
 Foldes, M., Stefan, M., Vojtanik, P., Lazar, K. Magnetic aftereffect of interstitial oxygen in iron 1-52809
 Foldes, I.B. *see* Bakos, J.S. 1-6624
 Foldvari, I. *see* Morlin, Z. 1-2424
 Foldy, L.L. New instabilities in Wigner-Dyson lattices 1-25398
 Foldyna, V. *see* Purmynsky, J. 1-7175
 Foley, G.H. *see* Fan, J.C.C. 1-42643
 Foley, J.M. *see* Legge, G.E. 1-53786
 Foley, J.T. *see* Wolf, E. 1-41564
 Foley, K. *see* Chung, S.U. 1-14423, 1-45362
 Foley, R.T. *see* Nguyen, T.H. 1-35420
 Folger, D.W. *see* Freeman-Lynde, R.P. 1-49310
 Folger, G. *see* Niczyporuk, B. 1-50421
 Folger, H. *see* Gaggeler, H. 1-18666
 Folger, R.L. *see* Wunderlich, R.W. 1-2114
 Folin, K.G., Komarov, K.P. Light-induced stationary gas flows 1-24923
 Folin, K.G. *see* Gainer, A.V. 1-51488

- Folin, K.G. *see* Gulev, V.S. 1-46357
 Folk, R. *see* Dohm, V. 1-25519, 1-38606
 Folkens, D.M. *see* Young, W.C. 1-11156
 Folkens, M.J., Russell, D.A.M. Orientation effects during the flow of short-fibre reinforced thermoplastics 1-35276
 Folkes, M.J. *see* Crowson, R.J. 1-41999, 1-42000
 Folkins, J.J. *see* Griffin, J.A. 1-20977
 Folkman, F. *see* Stoller, C. 1-6354
 Folkman, Y. *see* Ginzburg, A. 1-22270
 Folkmann, F. *see* Christensen, P.R. 1-18663
 Folkman, F. *see* Mann, R. 1-51285
 Folkmann, F. *see* Simon, R.S. 1-23549
 Foll, H. Anodic etching of defects in p-type silicon 1-16918
 Foll, H. *see* Carter, C.B. 1-52151
 Foll, H. *see* Eizenberg, M. 1-12188
 Foll, H. *see* Tan, T.Y. 1-47076
 Folland, N.O. Finite-sum approximations to cubic Brillouin-zone integrals 1-20602
 Folland, R. *see* Charlesby, A. 1-51318
 Follie, H.R. *see* Kubota, M. 1-25959
 Follie, H.R. *see* Mueller, R.M. 1-14120
 Follot, D. Prevention and safety in the uses of electricity. Knowledge of the risks: physiopathology of electric shocks 1-4258
 Follner, H. Structure information from morphological data of organic crystals with the help of Patterson methods 1-52024
 Follner, H., Schwarz, H. The Goldschmidt complication series, morphological extinction rules and phase relationships. A contribution to correspondence between crystal structure and habit 1-20101
 Follon, M. *see* Janssen, J. 1-31644
 Follstaedt, D.M. *see* Knapp, J.A. 1-34381
 Follstaedt, D.M. *see* Myers, S.M. 1-7389
 Follstaedt, D.M. *see* Picraux, S.T. 1-2533
 Folmer, J.C.W., Haange, R.J., van Bruggen, C.F. Irreversible antiferromagnetic to ferromagnetic transition in the $\text{TiCu}_{2-x}\text{Fe}_x\text{Se}_2$ system ($0 < x \leq 0.5$) 1-34882
 Folmer, J.C.W., Jellinek, F. The valence of copper in sulphides and selenides: an X-ray photoelectron spectroscopy study 1-35143
 Folonari, C., Lemmi, G., Manfredi, F., Rolfe, A. Metal hydride fuel cells: a feasibility study and perspectives for vehicular applications 1-21874
 Folts, J.F. *see* Nadler, R.D. 1-13299
 Foltyn, S.R. *see* Nygaard, K.J. 1-33671
 Foltyn, S.R. *see* Sierra, R.A. 1-38156
 Foltz, C. *see* Capriotti, E. 1-44625
 Foltz, C.B., Peterson, B.M. Arakelian 120 1-36408
 Foltz, C.B., Peterson, B.M., Boroson, T.A. Accurate optical positions for Markarian objects 701-797 1-9656
 Foltz, C.B. *see* Peterson, B.M. 1-49845
 Folweiler, R.C. *see* Pollak, T.M. 1-29357
 Folwell, R.J. *see* Griffin, J.A. 1-20966
 Fomalont, E.B. *see* Bridle, A.H. 1-44633
 Fomchenko, V.A. *see* Presnyakova, O.V. 1-7180
 Fomchenko, V.A. *see* Zaitsev, V.I. 1-34404
 Fomenko, L.S. *see* Lubenets, S.V. 1-20239, 1-35322
 Fomenko, V.S. *see* Parkhomenko, T.A. 1-48428
 Fomichev, A.A. *see* Dmitriev, V.G. 1-1574
 Fomichev, A.A. *see* Ezhkov, A.N. 1-33714
 Fomichev, A.G. *see* Goncharov, A.I. 1-13593
 Fomichev, V.M. *see* Leont'ev, A.I. 1-19698
 Fomichev, V.N. *see* Kachurin, A.M. 1-43027
 Fomichev, V.V. *see* Bakunin, L.M. 1-9467
 Fomichev, Yu. *see* Roitman, M. 1-28030
 Fomicheva, L.N. *see* Popova, S.V. 1-34463, 1-38330
 Fomicheva, T.I. *see* Mironov, Yu.V. 1-735
 Fomin, A.N. A comparative characterization of the densities of the Paleozoic and Mesozoic rocks in the southeast of the West Siberian plate 1-22299
 Fomin, B.A., Efros, V.D. Local realistic NN interactions in the four-nucleon problem 1-36908
 Fomin, G.A., Bol'shakov, Yu.V., Kosterev, V.K., Golovko, B.I., Goncharov, V.N., Zueva, N.O., Yudin, I.V., Mytarev, N.M., Ivanov, V.I., Streubov, D.S., Zade, V.V., Sur'yaninova, T.I. Production of silicon ribbons by the Stepanov method 1-31334
 Fomin, I.A., Lebedeva, L.V., Lun'kina, G.B., Lebedev, V.V. Investigation of the carrier lifetime in epitaxial n-type InAs 1-30856
 Fomin, I.P. *see* Zikov, V.G. 1-25017
 Fomin, L.M. *see* Sokolov, V.A. 1-44200
 Fomin, N.A. *see* Achasov, O.V. 1-1238, 1-24897
 Fomin, N.A. *see* Zabelinskii, I.E. 1-6256
 Fomin, N.G. *see* Vorob'ev, Yu.V. 1-52487
 Fomin, O.N. *see* Gorskikh, V.A. 1-10013
 Fomin, V.A. The influence of some peculiarities of the apparent figure of the Moon on the results of the reduction of meridian observations 1-13665
 Fomin, V.A. *see* Kosin, G.S. 1-13761
 Fomin, V.I. *see* Nesterenko, N.M. 1-26202
 Fomin, V.M., Khakimov, E.M. Numerical modeling of compression and rarefaction waves in metals 1-15438
 Fomin, V.P. *see* Stepanyan, A.A. 1-22928
 Fomin, V.P. *see* Vladimirov, B.M. 1-17908
 Fomin, V.V. *see* Basov, Yu.G. 1-6565
 Fomin, V.V. *see* Glushkov, M.V. 1-1239
 Fomina, G.A. *see* Borodina, T.I. 1-21410
 Fomina, N.P. *see* Maslennikova, G.N. 1-31389
 Fominenko, V.P. *see* Volkov, Yu.M. 1-5756
 Fominykh, V.V. *see* Sotina, N.B. 1-19765, 1-19769
 Fomo, B.K. *see* Dhatt, G. 1-42002
 Fon, W.C., Berrington, K.A. The elastic scattering of electrons from inert gases. II. Neon 1-33562
 Fon, W.C., Berrington, K.A., Hibbert, A. The elastic scattering of electrons from inert gases. I. Helium 1-33561
 Fonarev, G.A. *see* Volkovskaya, L.B. 1-4420
 Fonash, S.J. Photovoltaic devices 1-43756
 Fonash, S.J. *see* Kar, S. 1-43787
 Fonck, R. *see* Owens, D.K. 1-25073
 Fonck, R. *see* Suckewer, S. 1-15027, 1-34119
 Fondere, F. *see* Kobashi, K. 1-39106
 Fondere, F. *see* Marteau, P. 1-39105
 Fondere, J.-P., Aumont, R. Apparatus for differential thermal analysis at high pressures and high temperatures 1-28010
 Foner, S. *see* Akihama, R. 1-48297, 1-48300
 Foner, S. *see* Guyot, M. 1-16450
 Foner, S. *see* Lanteigne, J. 1-47831
 Foner, S. *see* LeHuy, H. 1-47830
 Foner, S. *see* Orlando, T.P. 1-47822
 Foner, S. *see* Rupp, G. 1-47823
 Foner, S. *see* Siemann, R. 1-25854
 Fong, C.Y. *see* Tsang, Y.W. 1-47628
 Fong, D. *see* Barber, D. 1-14407
 Fong, D. *see* Barber, D.P. 1-534, 1-28309
 Fong, R. *see* Phillips, S. 1-36410
 Fongkitch, M.E. *see* Solov'ev, A.N. 1-26166
 Fonseca, A. Approximation methods in the solution of four-body equations 1-28430
 Fonseca, J.M. Lopez *see* Lopez Fonseca, J.M.
 Fonseca, T.R. *see* Neshyba, S. 1-13470
 Fonseca, V., Campos, J. Experimental transition probabilities of 5s-np (n=5,6) transitions of Kr 1-6207
 Fonstad, C.G. *see* Hung-Hui Hsieh 1-15182
 Font, R.G. The value of electrical resistivity surveys in geotechnical investigations in North-Central Texas—a case history 1-53986
 Fontaine, A. *see* Raoux, D. 1-30087
 Fontaine, B., Forestier, B. Excimer lasers with supersonic gas flow 1-10978
 Fontaine, B., Forestier, B., Gross, P. Laser emissions from CO₂ vibrational transitions in a low temperature supersonic flow excited by a pulsed electron beam stabilized discharge 1-46286
 Fontaine, B. *see* Forestier, B. 1-41673, 1-46305
 Fontaine, D. *see* Boissier, M. 1-25355
 Fontaine, D. *see* De Fontaine, D.
 Fontaine, G. Electron sources 1-37398
 Fontaine, G., McGraw, J.T., Coleman, L., Lacombe, P., Patterson, J., Vauclair, G. GD 385: a new ZZ Ceti variable 1-9503
 Fontaine, G., Villeneuve, B. On the acoustic flux of Sirius A 1-54486
 Fontaine, G. *see* Arcoragi, J.-P. 1-49646
 Fontaine, G. *see* Lacombe, P. 1-9492
 Fontaine, J. *see* Liegeois, C. 1-35495
 Fontaine, J.J. *see* Diels, J.-C. 1-15205
 Fontaine, J.M., Duraud, J.P., Le Gressus, C. Electron beam effects in Auger electron spectroscopy and scanning electron microscopy 1-20266
 Fontaine, J.M. *see* Boudard, A. 1-41117
 Fontaine, J.-R. *see* Bricmont, J. 1-27885, 1-40717
 Fontaine, R. *see* Bricmont, J. 1-32921
 Fontan, C.F. *see* Mancini, R.C. 1-51910
 Fontan, J. *see* Guadalupe, D. 1-44326
 Fontana, A. *see* Mariotto, G. 1-8069
 Fontana, M., Maisano, G., Migliardo, P., Vasi, C., Wanderlingh, F. Raman scattering and melting point in SbCl₃ 1-8064
 Fontana, M.D., Kugel, G.E., Metrat, G., Carabatos, C. Long-wavelength phonons in the different phases of KNbO₃ 1-42503
 Fontana, M.H. *see* Rose, S.D. 1-28540
 Fontana, M.P., Migliardo, P., Bellissent-Funel, M.C., Kahn, R. Diffusional and vibrational dynamics of ZnCl₂ aqueous solutions by inelastic neutron scattering 1-30433
 Fontana, M.P. *see* Aliotta, F. 1-1243
 Fontana, M.P. *see* Mariotto, G. 1-8069
 Fontanel, A., de Staerke, D. Directional spectra of waves in the North Sea interpretation of Seasat SAR images 1-54139
 Fontanella, J. *see* Link, J. 1-3313
 Fontanella, J.J., Kimble, R.J., Jr., Wintersgill, M.C., Andeen, C., Smith, M.K. Electrical relaxation in double doped calcium fluoride and activation volume for the RI relaxation 1-3326
 Fontanella, J.J. *see* Wintersgill, M.C. 1-31086
 Fontanelli, F., Rizzo, D., Squarcia, S. Utilizzazione di un display alfa grafico per visualizzare eventi da camera a bolle (Utilisation of an alpha-numeric display for visualisation of bubble chamber events) 1-6103
 Fontanelli, F. *see* Barth, M. 1-41018, 1-45377
 Fontanille, M. *see* Dubousson, A. 1-48318
 Fontannaz, M., Mantrach, A., Pire, B., Schiff, D. Ghon physics in large p_L photoproduction 1-18450
 Fontannaz, M., Mantrach, A., Schiff, D., Pire, B. Large p_T photoproduction and tests of QCD 1-18487
 Fonte, R., Oeschler, H. An optimal velocity for the fusion between heavy ions 1-14566
 Fonte, R. *see* Julien, J. 1-41145
 Fontela, E. Energy and economy 1-35630
 Fonteneau, G., Lahaie, F., Lucas, J. A new family of fluoride glasses for IR transmitters: fluoride glasses for the system $\text{ThF}_4\text{-BaF}_2\text{-MF}_2$ (M=Mn, Zn) 1-3354
 Fonteneau, G., Slim, H., Lahaie, F., Lucas, J. New fluoride glass infrared transmitters in the $\text{LnF}_3\text{-BaF}_2\text{-ZnF}_2$ system 1-19397
 Fontes, J.C. *see* Faure, H. 1-53955
 Foo, S.H. *see* Green, R.G. 1-36630
 Ford, A. *see* Moutran, R. 1-362
 Foote, A.M. *see* Moody, M.F. 1-8820
 Foote, R., Draper, L.T. TIROS-N advanced very high resolution radiometer (AVHRR) [remote sensing applications] 1-27317
 Foote, V.S. The single-point Thomson scattering experiments on PDX—an overview 1-6004
 Footitt, R.J. *see* Bailey, G.J. 1-54318
 Footner, P.K., Richards, B.P. A rapid method for measurement of γ dose distribution in nickel-base superalloys 1-48631
 Forber, A. *see* Wannamaker, B. 1-27318
 Forbes, D. *see* Womack, K.H. 1-44999
 Forbes, L. *see* Jun-Wei Chen 1-52519
 Forbes, R.B. *see* Turner, D.L. 1-27118
 Forbes, R.G. Charge hopping and charge draining two mechanisms of field desorption 1-38657
 Forbes, W. *see* Bronzino, J.D. 1-32284
 Force, A.P., Wiesenfeld, J.R. Laser photolysis of O₂/H₂ mixtures: the yield of the H⁺+O₂→HO₂+O reaction 1-48666
 Forchel, A., Laurich, B., Moersch, G., Schmid, W., Reinecke, T.L. Experimental verification of scaling relations for electron-hole liquid condensation 1-47495
 Forchel, A., Laurich, B., Schmid, W., Pilkun, M.H. Insulator-metal transition of free excitons to electron-hole plasmas in silicon 1-47490
 Forchel, A. *see* Schmid, W. 1-48145
 Forchel, A. *see* Schweizer, H. 1-26264
 Forchel, A. *see* Wagner, J. 1-42696
 Ford, A.L., Reading, J.F., Becker, R.L. Inner-shell capture and ionization in collisions of H⁺, He²⁺, and Li³⁺ projectiles with neon and carbon 1-46098
 Ford, A.L. *see* Becker, R.L. 1-6379
 Ford, B.C. *see* Jester, W.A. 1-45744
 Ford, D.C. *see* Cowell, D.W. 1-44216
 Ford, F.P. Relationship between mechanisms of environmental cracking and design criteria 1-43613
 Ford, F.P., Silverman, M. Effect of loading rate on environmentally controlled cracking of sensitized 304 stainless steel in high purity water 1-43578
 Ford, F.P., Silverman, M. The prediction of stress corrosion cracking of sensitized 304 stainless steel in 0.01 M Na₂SO₄ at 97°C 1-53339
 Ford, G.L. *see* Boggs, S.A. 1-20007
 Ford, G.W. *see* Weber, W.H. 1-52952
 Ford, H. *see* Mills, R.L. 1-54408
 Ford, J.D. *see* Lekic, A. 1-19548
 Ford, J.M. *see* Pfefferbaum, A. 1-17373, 1-17401
 Ford, L.H. Instabilities in interacting quantum field theories in non-Minkowskian spacetimes 1-28186
 Ford, M., Bird, B.L., Newton, F.A., Sheer, D. Maintenance and generalization of 40-Hz EEG biofeedback effects 1-4253
 Ford, P.J., Lambson, W.A., Miller, A.J., Saunders, G.A., Bach, H., Methesell, S. Acoustic phonon mode softening in La₂S₃ 1-25834
 Ford, P.J. *see* Peitz, J. 1-30383
 Ford, P.R. A comparison between experimental and predicted fatigue crack propagation rates in fillet welds 1-39435
 Ford, R.D. *see* Turchi, P.J. 1-34110
 Ford, T.A. *see* Paul, S.O. 1-51207
 Ford, V.L. *see* Mathewson, D.S. 1-49770
 Ford, W.E., Calvin, M. Visible spectra of dicarbonyl substituted tri-bipyridyl ruthenium(II) complexes 1-14908
 Ford, W.E., III, Westfall, R.M., Diggs, B.R., Webster, C.C., Knight, J.R. CSRL-V: an ENDF/B-V 227-group cross-section library for criticality safety studies 1-10464
 Ford, W.E., III *see* Ryskamp, J.M. 1-50858
 Fordejeva, L.K. *see* Novikov, I.I. 1-2620
 Fordy, A.P., Gibbons, J. Integrable nonlinear Klein-Gordon equations and Toda lattices 1-75
 Fordy, A.P., Gibbons, J. Factorization of operators. I. Miura transformations 1-5167
 Fordyce, W.A., Rau, H., Stone, M.L., Crosby, G.A. Multiple state emission from rhodium(I) and iridium(I) complexes 1-35080
 Forehand, H.M. *see* Malenfant, R.E. 1-45670
 Forel, M.T. *see* Dalibart, M. 1-28970
 Foreman, A.J.E. *see* Makin, M.J. 1-15929

- Foreman, L., Kleban, P., Schmidt, L.D., Davis, H.T. Drift velocities of electrons in methane-inert-gas mixtures 1-51904
- Foreman, L. see Kleban, P. 1-51903
- Foreman, M.G.G., Delves, L.M., Barrodale, I., Henry, R.F. On the use of the Proudman-Heaps tidal theorem 1-9164
- Forest, T.de, Jr. see de Forest, T., Jr.
- Forester, C.K. see Peery, K.M. 1-46797
- Forester, D.W. see Krabs, J.J. 1-11027
- Forestier, B., Fontaine, B. Long pulse UV and IR laser emission from a low temperature high density supersonic flow excited by an electron beam stabilized discharge 1-41673
- Forestier, B., Fontaine, B., Gross, P. Supersonic flow low temperature electronic transition excimer lasers 1-46305
- Forestier, B. see Fontaine, B. 1-10978, 1-46286
- Forets, G. Pineau des des Pineau des Forets, G.
- Forey, P., Glimois, J.-L., Feron, J.-L., Devey, G., Beale, C. Synthesis, characterization and crystal structure of Cu_2Zr 1-38328
- Forgacs, G. Ground-state correlations and universality in two-dimensional fully frustrated systems 1-21007
- Forgacs, G. see Robinson, B.H. 1-24299
- Forgacs, G. see Rujan, P. 1-40725
- Forgacs, G. see Southern, B.W. 1-12306
- Forgacs, P., Horvath, Z., Palla, L. An exact fractionally charged selfdual solution 1-14275
- Forgacs, P., Horvath, Z., Palla, L. Exact, fractionally charged self-dual solution 1-40938
- Forgacs, P., Horvath, Z., Palla, L. Exact multimonopole solutions in the Bogomolny-Prasad-Sommerfield limit 1-45131
- Forgacs, P., Horvath, Z., Palla, L. Exact multimonopole solutions in the Bogomolny-Prasad-Sommerfield limit 1-50015
- Forgacs, P., Sheromov, M.A., Tolochko, B.P., Mezentssev, N.A., Pindurin, V.F. The use of synchrotron radiation for study of structural changes in polymers during phase transition and deformation 1-52085
- Forgas, B.W. see Pascoe, D.J. 1-5359
- Forgang, S.V. see Gitiarti, Ya.I. 1-44346
- Forget, L.E. see Raider, S.I. 1-8452
- Forgues, P.M., Goldberg, M., Smith, A., Stuchly, S.S. Medical computed tomography using microwaves 1-32229
- Forino, A. see Adamovich, M.I. 1-45317
- Foris, C.M. see Shannon, R.D. 1-20450
- Fork, R.L. see Shank, C.V. 1-15035, 1-47638
- Forkey, R.E. see Wientzen, R. 1-46526
- Forlani, A. see Giordano, M. 1-36212
- Forman, A. see Fajer, J. 1-53757
- Forman, R.A. Optical study of isotopic effects in the sulfur deep level in silicon 1-34648
- Forman, W., Bechtold, J., Blair, W., Giacconi, R., Van Speybroeck, L., Jones, C. Einstein imaging observations of clusters with a bimodal mass distribution 1-54642
- Formaro, L. The open circuit behaviour of ferric oxide deposited on gold 1-53311
- Formisano, G. see Ambrosio, G. 1-39813
- Fornari, B. see Mattei, G. 1-16571
- Fornaris, M., Muggianu, Y.M., Gambino, M., Bros, J.P. Enthalpy of formation of gallium-germanium-tin liquid alloys: evaluation of the liquidus surface of the phase diagram from excess functions of mixing 1-21761
- Fornaro, G. Some remarks on the effects of entoptical scatter in the frame of refraction scotomata 1-48984
- Fornaro, G. see Barca, L. 1-4274, 1-17962
- Fornasini, P. see Dalba, G. 1-24252
- Fornazero, J. see Chaussemy, G. 1-25486
- Fornazero, J. see Jal, J.F. 1-25485
- Fornazero, J. see Labib, H. 1-25533
- Forni, C. Optical fibres—a form of transmission 1-15270
- Fornili, S.L., Migliore, M. Microcomputer-based system for automation of spectrophotometric data acquisition for long-lasting kinetics 1-50189
- Forno, C. Moire grid technique studies deformation in large structures 1-24760
- Forno, C. Film characteristics in high resolution micro photography 1-33075
- Foroglou, Z., Malissa, H., Grasserbauer, M. Microstructural characterization study of magnesite derived from natural microcrystalline magnesite 1-3755
- Foroughi, F., Chatelain, P., Favier, B., Hofstetzer, J., Jaccard, S., Nussbaum, C., Weddiger, C. Differential cross section for pion production in the reaction $\text{pp} \rightarrow \pi^+ d$ 1-28339
- Foroughi, F., Nussbaum, C., Vuilleme, H., Vuilleme, B. Proton analyzing power measurement in the $^3\text{H}(\text{p}, 2\text{p})\text{n}$ reaction at $E_p = 22.7$ MeV, for a symmetric coplanar configuration 1-5779
- Foroughi, F. see Chatelain, P. 1-28480
- Foroulis, Z.A. The influence of promoter elements in acidic sulfate solutions on hydrogen absorption in titanium 1-47370
- Forrest, D.J. see Cherry, M.L. 1-49492
- Forrest, E.B. Astigmatism as a function of visual scan, head scan, and head posture 1-43868
- Forrest, Q.G. see Stephenson, D.G. 1-48981
- Forrest, S.R. Performance of $\text{InGa}_{1-x}\text{AsP}_y$ photodiodes with dark current limited by diffusion, generation recombination, and tunneling 1-45007
- Forrest, W.J., McCarthy, J.F., Houck, J.R. Detection of (O IV) and (Ne V) infrared emission lines from NGC 7027 1-13835
- Forrest, W.J. see Houck, J.R. 1-49810
- Forrest, W.J. see McCarthy, J.F. 1-49835
- Forrester, A.T. see Goebel, D.M. 1-23366
- Forrester, W.T. see Holberg, J.B. 1-49652
- Forrester, W.T. see McClure, R.D. 1-54561
- Forro, J.R., Hart, M., Chynoweth, D.P. Kelp processing and biomethanation technology 1-53531
- Forsberg, B.J., Burlin, T.E. Microdosimetry. I. Use of secondary electron emission 1-49127
- Forsberg, B.J. see Burlin, T.E. 1-49128
- Forseth, O., Ostgaard, E. Energy and magnetic susceptibility of neutron matter. I. Possible ferromagnetism in dense neutron matter 1-54539
- Forslund, D.W. see Carman, R.L. 1-34051
- Forsman, W.C., Mertwoy, H.E. Intercalation of graphite by nitronium ion attack 1-39620
- Forsman, W.C. see Ko, Y.S. 1-17008
- Forsst, S. see Bergstrom, G. 1-33793
- Forst, H. see Petitier, H. 1-43946
- Forst, W. see Lorquet, A.J. 1-12973, 1-12974, 1-13021
- Forste, J. Motion in a plasma without magnetic field in a two-fluid theory background 1-42145
- Forster, A. Particular aspects of multiple hypothesis optimal tests in active detection. Generalised ambiguity function intervening in active detection systems utilizing optimal Neyman-Pearson tests 1-24607
- Forster, C. see Witherspoon, P.A. 1-806
- Forster, E., Goetz, K., Zausmell, P. Double crystal diffractometry for the characterization of targets for laser fusion experiments 1-29977
- Forster, E. see Day, M.J. 1-40012
- Forster, J.R. see Wright, M.C.H. 1-9605
- Forster, J.S. see Andersen, J.U. 1-50687
- Forster, J.S. see Ball, G.C. 1-18558
- Forster, T. Dry etch rate control of photoresist by E-beam exposure 1-53315
- Forsterling, G. see Vega, H. 1-25396
- Forstmann, F., Ossicini, S. The influence of a rare-gas matrix on the electronic levels of isolated atoms 1-28902
- Forsyth, C.P., Cukosky, R.E. Evidence against diquarks from baryon resonance decays 1-50424
- Forsyth, C.P., Cukosky, R.E. Masses and widths of odd-parity N and Δ resonances 1-50426
- Forsyth, D.A. see Lyons, J.A. 1-44190
- Forsyth, D.E. see Udagawa, M. 1-52937
- Forsyth, D.W. Comparison of mechanical models of the oceanic lithosphere 1-27135
- Forsyth, J.B. Intense sources of thermal neutrons for research 1-37046
- Forsyth, P.A. see Sinclair, I.P.W. 1-9311
- Forsyth, P.D. see Cartwright, C.M. 1-23586
- Fort, A., Ern, V. Triplet transport in p-terphenyl crystals 1-7527
- Fort, B. see Sornette, B. 1-17801
- Fort, D., Beaudry, B.J., Jones, D.W., Gschneidner, K.A., Jr. Zone refining of high purity Ce and Gd metals 1-26383
- Fort, D. see Chapman, J.N. 1-47921
- Fort, J.C., Orsatti, A.M. OB stars in the field of the Carina Nebula 1-54563
- Fort, M., Heckel, B.R., Ramsey, N.F., Green, K., Greene, G.L., Byrne, J., Pendlebury, J.M. First measurement of parity-nonconserving neutron-spin rotation: the tin isotopes 1-28235
- Fort, M. see Delapalme, A. 1-47843
- Fortes, M.A. General equations for the equilibrium shape of a fluid interface and for its angle of contact with a solid 1-16151
- Fortes, M.A. Angular speed, angular momentum and nonconnected shapes of free rotating fluid masses held by surface tension 1-44768
- Forthmann, R., Beass, G. Untersuchungen zur Gelterung metallischer Spaltprodukte im Primärkühlkreislauf eines Hochtemperaturreaktors (investigations on the getting of metallic fission products in the primary circuit of a high temperature reactor) 1-28552
- Fortier, D. see Adolf, A. 1-16120
- Fortier, S., Fodor-Lovas, I., Hourani, E., Maison, J.M., Schapira, J.P. Single-particle and core-excited states in ^{49}Sc . II. The $^{48}\text{Ca}(\alpha, t)^{49}\text{Sc}$ reaction 1-10322
- Fortier, S., Hourani, E., Maison, J.M. Single-particle and core-excited states in ^{49}Sc . I. The $^{48}\text{Ca}(\alpha, \text{He}, d)^{49}\text{Sc}$ reaction 1-5696
- Fortin, A. Unitary determination solution of time-dependent Schrödinger equations 1-44786
- Fortini, P.L. see Baroni, L. 1-36321
- Fortini, T. see Cacciani, A. 1-4853
- Fortino, A.G. see Crowder, B.L. 1-30472
- Fortner, R.J., Howell, R.H., Matthews, D.L. Fe, Kr and Nb X-ray spectra produced in 8.5 MeV amu^{-1} ion-solid collisions 1-8160
- Fortner, R.J. see Garcia, J.D. 1-16643
- Fortner, R.J. see Reed, K.J. 1-1351
- Fortney, L.R., Robertson, W.J. On-line display used with cathode ray tube film measuring device 1-50113
- Fortov, V.E. see Mintsev, V.B. 1-29850
- Fortov, V.E. see Pavlov, G.A. 1-24956
- Fortson, E.N., Platt, C.E., Vilches, O.E. An experimental system for the study of thermal properties of spin polarized particles 1-269
- Fortson, E.N. see Adelberger, E.G. 1-37352
- Fortson, E.N. see Hollister, J.H. 1-46151
- Fortunato, D. see Capasso, V. 1-49954
- Fortunato, M. see Donati, A. 1-5873
- Fortunatova, N.N. see Saenko, M.I. 1-39449
- Forty, A.J., Durkin, P. A micromorphological study of the dissolution of silver-gold alloys in nitric acid 1-11870
- Forty, A.J., Rowlands, G. A possible model for corrosion pitting and tunnelling in noble-metal alloys 1-43608
- Fortygin, A.A. see Il'inova, T.M. 1-1616
- Forugh, A.S. see Umlauf, R. 1-39319
- Forward, R.L. Picostrain measurements with piezoelectric transducers 1-32974
- Fosbury, R.A.E. see Boksenberg, A. 1-49850
- Fosdick, R.L., Macsithigh, G.P. Shearing motions and the formation of shocks in an elastic circular tube 1-19634
- Fosdick, R.L. see Dunn, J.E. 1-11836
- Fosnacht, D.R., Goel, R.P., Larrain, J.M. Thermodynamic properties of molten sulfides. II. The system Co-S 1-2657
- Foss, C.A. Graphical methods for rapid vector analysis of demagnetization data 1-53978
- Foss, N. see Broudy, R. 1-5383
- Fossan, D. see Andrews, H.R. 1-18559
- Fossan, D.B. see Chowdhury, P. 1-45406
- Fossan, D.B. see Sjoren, T.P. 1-41034
- Fossat, E., Grec, G., Harvey, J.W. Power spectrum of differential refraction and comparison with solar diameter fluctuation measurements 1-49593
- Fossat, E. see Grec, G. 1-27454
- Fossheim, K., Holt, R.M. Investigation of phase transitions by means of wavevector reversed ultrasound 1-16011
- Fossheim, K., Raen, A.M. Electromechanical conversion in MS-contacts: determination of frequency response, depletion depths and energy levels 1-16527
- Fossum, J.G., Lindholm, F.A. Effects on the open-circuit voltage of grain boundaries within the junction space-charge region of polycrystalline solar cells 1-32018
- Fossum, J.G., Neugroschel, A., Lindholm, F.A. A unifying study of tandem-junction, front-surface-field, and interdigitated-back-contact solar cells 1-13128
- Fossum, J.G. see Marshak, A.H. 1-52555
- Foster, B. Partial wave analysis of backwardly produced three pion systems in $\text{K}^+ \text{p}$ interactions at 4.2 GeV/c 1-28347
- Foster, B. see Bell, K.W. 1-6101, 1-37063
- Foster, B. see Brandel, R. 1-23510, 1-23527, 1-50411
- Foster, B. see Mazzucato, M. 1-50462
- Foster, C.A. see Milora, S.L. 1-33346
- Foster, C.C. see Horen, D.J. 1-50568
- Foster, C.C. see Kelly, J. 1-28388
- Foster, C.C. see Knudson, J.N. 1-14462
- Foster, D.H. A description of discrete internal representation schemes for visual pattern discrimination 1-22012
- Foster, D.H. A spatial perturbation technique for the investigation of discrete internal representations of visual patterns 1-22013
- Foster, D.L., Werner, F., Murray, D.G., Somerset, J.H. Telemetry instrumentation for kinesiological studies of knee motion 1-13307
- Foster, F. see Bartel, W. 1-18500, 1-45253, 1-45254
- Foster, F. see O'Neill, L.H., Jr. 1-50443
- Foster, G. see Chan, F.T. 1-33565
- Foster, G.H. see Ayers, D.L. 1-35687
- Foster, J.C. Ionospheric density enhancement during relativistic electron precipitation 1-36100
- Foster, J.P., Kalinowski, J.E., Swenson, D.V., Boltax, A. Technical basis for swelling-irradiation creep observation testing 1-37000
- Foster, K., Jackson, J.M. Effect of anneal coatings and surface condition on magnetic properties of grain oriented 3% Si-Fe 1-8441
- Foster, K. see Rauch, G.C. 1-7889
- Foster, K.R. see Schepps, J.L. 1-26939
- Foster, L.M., Chandrasekhar, G.V., Scardefield, J.E., Bradford, R.B. Phase diagram of the system $\text{Na}_2\text{O}-\text{Ga}_2\text{O}_3-\text{Ga}_2\text{O}_3$ and its relation to the system $\text{Na}_2\text{O}-\text{Al}_2\text{O}_3-\text{Al}_2\text{O}_3$ 1-26430
- Foster, L.M. see Burns, G. 1-3484
- Foster, M.R. see Duck, P.W. 1-24823
- Foster, R. Electron donor-acceptor complexes 1-14975
- Foster, R.J. see Mukherjee, A. 1-17451
- Foster, T.D., Middleton, J.H. Bottom water formation in the western Weddell Sea 1-4504
- Foster, W.M., Langenback, E., Bergofsky, E.H. Measurement of tracheal and bronchial mucus velocities in man: relation to lung clearance 1-20206
- Fotakis, C. see Donovan, R.J. 1-29068

- Foteev, N.K. Physical-technological bases for electroerosional treatment processes of the working surfaces of technological equipment 1-48566
- Foteev, V.A. CAMAC serial highway (survey) 1-243
- Fotev, N.M. Optimum thickness of Mossbauer absorbers 1-16506
- Fothergill, L.C. Case studies of attempts to improve the sound insulation between dwellings 1-1761
- Fotheringham, J. *see* Marsters, G.F. 1-51835
- Foti, A. *see* Cunsolo, A. 1-50517
- Foti, A.E., Smith, V.H., Jr., Fliszar, S. Charge distributions and chemical effects. XV. SCF-Xa-SW studies of alkanes 1-10659
- Foti, G. Laser annealing of semiconductors 1-31243
- Foti, G. *see* Baeri, P. 1-30364, 1-38536
- Foti, G. *see* Battagliani, G. 1-11778
- Foti, G. *see* Campisano, S.U. 1-30470
- Foti, G. *see* Picraux, S.T. 1-2553
- Fotiadi, A.E. *see* Aledsandrov, S.V. 1-29267
- Fotiadi, E.E., Esikov, N.P. A new approach to the use of geodetic data on recent crustal movements 1-22550
- Fotiev, A.A. *see* Khodos, M.Ya. 1-7347, 1-38549, 1-53453, 1-53454
- Fotiev, A.A. *see* Volkov, V.L. 1-53180
- Fotiev, A.A. *see* Zhuravlev, V.D. 1-35083
- Fotiev, V.A. *see* Smekhov, G.D. 1-24402
- Fotin, E.V. *see* Anan'in, P.S. 1-1009
- Fotland, R. *see* Zener, K.S. 1-51885
- Fottnar, G. *see* Daniel, H. 1-51069
- Found, F.A. *see* Demerdash, N.A. 1-10886
- Fouassier, C. *see* Brannonier, J.J. 1-31375
- Fouassier, C. *see* Merchand, P. 1-3470
- Fouassier, C. *see* Parent, C. 1-16595
- Fouassier, C. *see* Saubert, B. 1-25213
- Fouassier, J.-P. *see* Merlin, A. 1-48688
- Fouassier, M. *see* Cosse, C. 1-33466
- Foucault, M. *see* Lions, J. 1-31745
- Foucault-Villard, M., Benaben, P., Le Coze, J. Diffusion of selenium in iron 1-38592
- Foucher, R. Nuclei far from the stability line and subactivity 1-10356
- Fouda, A.E., Despault, G.J.G., Taylor, J.B., Capes, C.E. Solar storage systems using salt hydrate latent heat and direct contact heat exchange. I. Preliminary design considerations 1-13184
- Fouda, I.M., El-Nicklawy, M.M. Interferometric studies on fibers of multiple skin 1-37613
- Fouda, I.M. *see* Hamza, A.A. 1-33039, 1-35000
- Fougeres, R., Hamel, A., Theolier, M.A. Contribution of the study of the plastic of α iron and BCC alloys by the determination and analysis of creep data 1-12845
- Foukal, P., Smart, M. Propagation of magnetically guided acoustic shocks in the solar chromosphere 1-54455
- Foukal, P. *see* Vernazza, J. 1-36035
- Foulds, J.R., Ermi, A.M., Moteff, J. Substructural development in the hot tensile testing of type AISI 304 stainless steel 1-12805
- Fouletier, J. *see* Levy, M. 1-2959
- Fouletier, J. *see* Pelloux, A. 1-35594
- Foulas, S.D. *see* Rawlings, K.J. 1-8170
- Foulkes, F.R. *see* Kirk, D.W. 1-16968, 1-17066
- Foun-Chung Fan *see* Chen, R.Y.Z. 1-27048
- Foundos, A.P. On-line optimizing fuel gas composition variations 1-27981
- Fountain, G.H. *see* Mobley, F.F. 1-9346
- Fountain, J.W. *see* Esposito, L.W. 1-40412
- Fountain, J.W. *see* Larson, S. 1-40415
- Fouquart, Y., Bonnel, B. Computations of solar heating of the Earth's atmosphere: a new parameterization 1-4555
- Fouquart, Y. *see* Bricelj, J.C. 1-13712
- Fouquart, Y. *see* Veyre, P. 1-44269
- Fouquet, F. *see* Merle, P. 1-21545
- Fouquet, F. *see* Perez, J. 1-35297
- Fouquet, J.-De *see* De Fouquet, J.
- Fouquet, J.-P. The SPOT satellite mission, applications aspects and data products 1-32601
- Fourcade, N., Lassel, J., Roig, J. Width of Zeeman components of simple atomic lines 1-45900
- Fourcade, N. *see* Lassel, J. 1-52011
- Fourcade, R. *see* Bonnet, B. 1-15876
- Fourche, G. *see* Bellocq, A.M. 1-29212
- Fourdeux, A. *see* Loier, C. 1-35260
- Fourie, J.T. *see* Comins, N.R. 1-35280
- Fournie, R., Andre, D., Bosio, L., Jasse, B. Crystal and molecular structure of syndiotactic 2,4,6-triphenylheptane, a polystyrene model molecule 1-41511
- Fournelle, R.A. *see* Kwun, S.I. 1-8429
- Fournes, L., Kinomura, N., Menil, F. Preparation and properties of the oxide fluoride $\text{Si}_2\text{FeO}_3\text{F}$ 1-52112
- Fournes, L. *see* Lachter, A. 1-21017
- Fourney, M.E. Holographic investigation of hydroelastic modes and waves in a cochlear model 1-8882
- Fournie, E.M., Chilton, A.B. Gamma-ray buildup factors for concrete slab shields under slant incidence conditions 1-943
- Fournier, D., Boccara, A.C., Amer, N.M., Gerlach, R. Sensitive in situ trace-gas detection by photothermal deflection spectroscopy 1-13046
- Fournier, D. *see* Badoz, J. 1-23313
- Fournier, G., Bonnet, J., Pigache, D. A potential atomic iodine laser pumped by electrically generated Δ oxygen 1-46324
- Fournier, G. *see* Balestri, B. 1-28343
- Fournier, G. *see* Bonnet, J. 1-2271, 1-29934
- Fournier, G. *see* Pigache, D. 1-41675
- Fournier, H. Recent work in magnetotelluric soundings of the lower crust and uppermost mantle 1-22205
- Fournier, J., Mohammed, H.H., Deson, J., Vermeil, C., Schamps, J. Emission spectra and radiative lifetimes of the Cameron bands of CO trapped in solid rare gas matrices 1-28989
- Fournier, J.M. Electrical resistivity of UMn_2 1-7585
- Fournier, J.M., Beille, J., Bouef, A., Vettier, C., Wedgwood, A. Magnetic structure of UN under pressure 1-47860
- Fournier, J.M. *see* Bouef, A. 1-47060
- Fournier, J.M. *see* Brooks, M.S.S. 1-47059
- Fournier, J.M. *see* Delapalme, A. 1-47843
- Fournier, J.M. *see* Erdos, P. 1-47842
- Fournier, J.M. *see* Gonchond, J.P. 1-20229
- Fournier, J.M. *see* Nagele, J.R. 1-48230
- Fournier-Sicre, A., Gicourt, C. The FOC: a European instrument for the Space Telescope 1-32620
- Fourniguet, J., Vogt, J., Weber, C. Seismicity and recent crustal movements in France 1-54013
- Fourquet, J.L. *see* English, A.D. 1-30460
- Fourquet, J.L. *see* Nouet, J. 1-34297
- Fourrier, M. *see* Gastaud, C. 1-29258
- Fourrier, M. *see* Redon, M. 1-10990
- Fousek, J. *see* Dvorak, V. 1-7325
- Foussats, A. *see* Castagnino, M. 1-36798
- Fousse, H. *see* Kleinclaus, J. 1-52785
- Foutch, G.L. *see* Sitton, O.C. 1-35671
- Fowkes, F.M., McCarthy, D.C., Mostafa, M.A. Contact angles and the equilibrium spreading pressures of liquids on hydrophobic solids 1-30522
- Fowler, A.B., Hartstein, A. Impurity bands in inversion layers 1-47753
- Fowler, A.B. *see* Hartstein, A. 1-7750
- Fowler, A.C., Larson, D.A. Thermal stability properties of a model of glacier flow 1-4546
- Fowler, A.C., Larson, D.A. The uniqueness of steady state flows of glaciers and ice sheets 1-9183
- Fowler, C.M. *see* Caird, R.S. 1-33018
- Fowler, E.C. *see* Dionakou, M. 1-10256
- Fowler, G.L., Panitz, J.A. Adapting a diplex closed-cycle helium refrigerator for ultrahigh vacuum operation 1-36669
- Fowler, G.L. *see* Karkiewicz, L.M. 1-325
- Fowler, G.N., Weiner, R.M. Nonlinear effects in nuclear matter and self-induced transparency 1-45435
- Fowler, J.E. *see* Driscoll, J.N. 1-13053
- Fowler, J.L., Cookson, J.A., Hussain, M., Schwartz, R.B., Swinhoe, M.T., Wise, C., Uttley, C.A. Efficiency calibration of scintillation detectors in the neutron energy range 1.5-25 MeV by the associated particle technique 1-10593
- Fowler, L.A., Wright, G.A.E., Morris, D. Unusual properties of the pulsar PSR 1822-09 1-36315
- Fowler, M. *see* Nitschke, J.M. 1-36971
- Fowler, T.K. Fusion by magnetic mirror confinement 1-50933
- Fowler, W.B. *see* DeLeo, G.G. 1-47565
- Fowles, G.R. Momentum conservation and the vector potential of moving charges 1-3046
- Fowles, G.R. Stimulated and spontaneous emission of acoustic waves from shock fronts 1-51816
- Fowls, W.W. *see* Antar, B.N. 1-19674
- Fox, A. Stress relaxation in bending of copper beryllium alloy strip 1-26527
- Fox, D. *see* Chubb, S.R. 1-36578
- Fox, D.J., Ray, D., Rubesin, P.C., Schaefer, H.F., III. The prototype aluminum-carbon single, double, and triple bonds: Al-CH_3 , Al-CH_2 , and Al-CH 1-6145
- Fox, D.W., Sigillito, V.G. Bounds for frequencies of rib reinforced plates 1-1861
- Fox, G. *see* Bromberg, C. 1-10266, 1-45364
- Fox, G.C. *see* Kennell, C.R. 1-33203
- Fox, J.A. A double-electrode-pair-pulsed laser 1-15177
- Fox, J.A. *see* Detrio, J.A. 1-29356
- Fox, J.L. *see* Teitell, M.F. 1-1112
- Fox, J.N. *see* Trefny, J.U. 1-15572
- Fox, K., Armstrong-James, M., Millar, J. The electrical characteristics of carbon fibre microelectrodes 1-27036
- Fox, K., Halsey, G.W., Jennings, D.E. High resolution spectrum and analysis of $2\nu_3$ of $^{13}\text{CH}_4$ at $1.67 \mu\text{m}$ 1-14865
- Fox, K., Jennings, D.E., Dang-Nhu, M. New spectroscopic constants for methane derived by using microwave transitions from the interstellar medium 1-10719
- Fox, M. A review of BWR water chemistry and stress corrosion in BWRs 1-50764
- Fox, M.A., Singletary, N.J. Solar energy utilization by carbanion photolysis 1-8732
- Fox, P.G. The thermodynamic stability of oxides in aqueous solution and its relevance to static fatigue in silicate glasses 1-31704
- Fox, P.G. The toughness of tooth enamel, a natural fibrous composite 1-35794
- Fox, P.G., Bradley, P.A. 1:2:4-triazole as a corrosion inhibitor for copper 1-16950
- Fox, P.J. *see* Juteau, T. 1-27151
- Fox, R.F. The excess entropy around nonequilibrium steady states, (6^2S)ss, is not a Liapunov function 1-9961
- Fox, S.W. Life from an orderly cosmos 1-49178
- Fox, T.F. A theoretical and experimental investigation of a range-gated ultrasonic Doppler flow detector 1-38027
- Fox, T.R. H_2^+ traversing ultra-thin carbon foils: measurement of recombination yields at 12:5 and 25 keV/amu 1-29092
- Fox, W.B. *see* Brant, P. 1-53049
- Foy, C.P., de Carmo, M.C., Davies, G., Lightowler, E.C. Uniaxial stress measurements on the 0.97 eV line in irradiated silicon 1-31127
- Foy, R. Detailed analysis of cool giants with low microturbulent velocity 1-40479
- Foy, R. *see* Bonneau, D. 1-9574, 1-32655
- Fozzard, H.A. *see* Levin, D.N. 1-53768
- Fraas, H. *see* Bartl, A. 1-18501
- Fracchia, G. *see* Caldara, F. 1-16207
- Fradkin, E.S., Kalashnikov, O.K. The proton instability and the neutrino mass in the asymptotically free SU_c model 1-23461
- Fradkin, E.S., Palchik, M.Ya., Zaikin, V.N. Calculation of anomalous dimensions in conformally invariant field theory 1-5472
- Fradkin, E.S. *see* Konstein, S.E. 1-18122
- Fradkin, M.I. *see* Gusev, V.N. 1-36141
- Fradkov, A.L. *see* Gurvich, A.K. 1-39570
- Fradkov, V.E. *see* Aristov, V.Yu. 1-25317
- Fraenkel, B.S. Space resolved X-ray spectroscopy for Tokamak 1-19962
- Fraenkel, H.A. *see* Marquart, J.R. 1-50110
- Fraenkel, L.E. *see* Berger, M.S. 1-5109
- Fragala, I.L. *see* Beatham, N. 1-25632
- Fragnito, H.L. *see* Scalabrini, A. 1-46293
- Fraguas, A.L. *see* Llovera, P.F. 1-18511
- Frahn, W.E., Hussein, M.S. Coupled-channels extension of the closed formalism for heavy-ion collisions. I. Elastic scattering 1-10387
- Frahn, W.E. *see* Hill, T.F. 1-5797
- Frainman, A.A. *see* Permitt, G.V. 1-19271
- Frainman, G.M. *see* Litvak, A.G. 1-51950
- Fraissard, J.P. *see* De Menorval, L.C. 1-34943
- Frait, Z. *see* Fraitoa, D. 1-47955
- Fraitova, D., Frait, Z. Precise determination of the ferromagnetic resonance point in thin films 1-47955
- Frakotnikov, A.A., Redchenko, M.I., Kruglov, A.S. Effect of reactor radiation on thermoelectric thermometers 1-27976
- Frale, D.F., Woodward, W.S., Bursey, M.M. Field desorption emitter temperature regulator for constant temperature control 1-50260
- Frale, P.E. *see* Tsang, W.T. 1-41747, 1-46338
- Frame, D. *see* Stanovnik, A. 1-23950
- Francia, H.M., Marques, G.C., da Silva, A.J. Charge, magnetization and hadronic-matter densities inside the proton 1-14383
- Francaviglia, M. *see* Benetti, S. 1-18096
- Francaviglia, M. *see* Demianski, M. 1-27832, 1-40681
- Francaviglia, M. *see* Ferraris, M. 1-44792
- Francavilla, T.L., Wolf, S.A., Skelton, E.F. Superconducting properties of reactively sputtered NbCN thin films 1-52683
- Francavilla, T.L. *see* Howe, D.G. 1-53129
- France, D.H. Combustion characteristics of hydrogen 1-4087
- France, D.M., Carlson, R.D., Chiang, T., Minkowicz, W.J. Correlation of critical heat flux data—sodium-heated boiling water 1-28545
- France, D.M., Chiang, T. Analytic solution to inverse heat conduction problems with periodicity 1-37764
- France, G.H. *see* Collyer, A.A. 1-30289
- France, P.L.A. *see* La France, P.
- France, P.W. Analytic expressions for inhomogeneous broadening in NMR because of Gaussian distributions: V_2O_5 1-21064
- France, S.W. *see* Pratt, J.C. 1-18762
- Francesca, M. *see* Andretta, A. 1-39817
- Franceschetti, D.R. *see* Macdonald, J.R. 1-39035
- Franceschetti, G., Papas, C.H. Mechanical forces and torques associated with electromagnetic waves 1-1467
- Franceschetti, G., Smith, C.P. Polarization properties of single mode fibres 1-6677
- Franceschi, E. *see* Ciriaci, S. 1-52108
- Francesconi, R. *see* Cornelli, F. 1-37375
- Francy, J.L.A., Golding, P., Clarke, R. Low-cost solar heating of community pools using pool covers 1-13086
- Francheteau, J. *see* Juteau, T. 1-27151
- Franchi, E.R. *see* Schifter, D.E. 1-32566
- Franchi, S., Pelosi, C., Attolini, G. Equilibrium calculations for VPE-InGaAsP 1-34598

- Francia, G. Mirror films for tower-type solar power plants 1-26820
- Francia, G. Toraldo Di see Toraldo Di Francia, G.
- Francini, R. see Casalboni, M. 1-8127
- Franciosi, A. see Abbati, I. 1-16655, 1-20399
- Franciosi, A. see Margaritondo, G. 1-16235
- Franciosi, A. see Weaver, J.H. 1-38708, 1-48233
- Franciosi, P., Berveiller, M., Zaoui, A. Latent hardening in FCC crystals 1-12759
- Francis, A.J., Iden, C.R., Nine, B.J., Chang, C.K. Characterization of organics in leachates from low-level radioactive waste disposal sites 1-832
- Francis, B.F. see Bertie, J.E. 1-35023
- Francis, C.A., Ribbe, P.H. The forsterite-tephroite series. I. Crystal structure refinements 1-47048
- Francis, C.E. Passive liquid desiccant air conditioner 1-35702
- Francis, D.J. see Maguire, P.K.H. 1-54009
- Francis, E.J. see Dugger, G.L. 1-53647
- Francis, G.W. see Cornell, B.A. 1-21979
- Francis, M.H. Non-equilibrium ionization in the transition region network 1-54447
- Francis, R.W. see Newman, G.H. 1-17069
- Frank, B. see Cameron, W. 1-36880
- Frank, E.U. see Hilbert, R. 1-42507
- Frank, E.U. see Uematsum, M. 1-52885
- Frank, L.M. see Ananjev, V.D. 1-28690
- Frank, J.P. Calorimetric study of the transition between the close-packed phases of ^4He from the triple point to 3.9 kbar 1-20506
- Frank, S. On the dielectric-metal transition in hydrogen 1-38719
- Frank, S. see Stiller, H. 1-32416, 1-42502
- Franken, J.C. see de Vries, H.F.W. 1-8684
- Franco, J. see Roth, M. 1-9375
- Franco, J.O. see Ribeiro, G.M. 1-12530
- Franco, V. Collisions between hydrogen atoms and helium ions 1-1352
- Franco, V. Scattering by a Coulomb plus spin-orbit interaction in the Glauber approximation 1-49983
- Franco, V. see Halpern, A.M. 1-51297
- Francois, A. see Pujol, L. 1-33388
- Francois, B. see Mermillod, N. 1-25511
- Francois, D. see Vertut, J. 1-50913
- Francois, M.X., Lottin, J.C., Plancoulaine, J. Control of pressurized superfluid helium-II: application to loss analysis 1-44936
- Frandsen, G.B. Status of NDE equipment for Fuels and Materials Examination Facility 1-50773
- Frandsen, G.B. see Hess, J.W. 1-50774
- Frandsen, P. see Cockerill, D. 1-14742
- Frank, B. see Barloutaud, R. 1-36885
- Frank, H.J., Frischat, G.H., Knodler, H. Reactions between aqueous solutions and glass surfaces 1-31701
- Franketzki, M. see Prestele, K. 1-40016
- Frane, M.A., Ellis, P.J. Coulomb and nuclear inelastic excitations and the optical potential for heavy ions 1-45525
- Frangos, A.Z. see Thomson, W.B. 1-48925
- Frangos, N. see De Sabata, I. 1-33003
- Frank, A.V. see Blonskii, I.V. 1-2887
- Frank, A.M. Optical design of the TMX Thomson scattering diagnostic 1-922
- Frank, B., Barnea, G. Improved treatment of the CRA difference equation for the quenched dilute random bond Ising model 1-14072
- Frank, B. see Mouritsen, O.G. 1-38947
- Frank, D.J. see Lobb, C.J. 1-50076
- Frank, F., Hofstetter, A., Bowering, R., Keidisch, E. Endoscopic application of the Nd:YAG laser in urology, biophysical fundamentals and instrumentation 1-8960
- Frank, F. see Bowering, R. 1-8908
- Frank, F.C. 'Edge' dislocations as crystal growth sources 1-34268
- Frank, F.C., Chandrasekhar, S. Evidence of a tilted columnar structure for mesomorphic phases of benzene-hexa-n-alkanoates 1-20051
- Frank, F.J. see Scherpercel, L.R. 1-45598
- Frank, G., Kauer, E., Kostlin, H. Transparent heat-reflecting coatings based on highly doped semiconductors 1-52322
- Frank, H.A. see Nairn, J.A. 1-13220
- Frank, H.P. Oxidation of polypropylene powder 1-48544
- Frank, H.W. see Heymsfield, A.J. 1-49339
- Frank, I.M. Einstein and optics 1-65
- Frank, I.M. see Benetskiy, B.A. 1-688
- Frank, J. see Wang, Y.-M. 1-36322
- Frank, J.S. see Nemethy, P. 1-45183
- Frank, J.S. see Schardt, M.A. 1-45293
- Frank, J.S. see Stephenson, E.J. 1-28821
- Frank, L.A., Burek, B.G., Eckerson, K.L., Wolfe, J.H., Mihalov, J.D. Plasmas in Saturn's magnetosphere 1-40388
- Frank, M., O'Donnell, P.J., Wong, B. Mesons in the bag model 1-45238
- Frank, R., Gauglitz, G. On the determination of partial photochemical quantum yields by combined absorbance and fluorescence measurement 1-43690
- Frank, R.E. see Brown, C.D. 1-13657
- Frank, R.N. Retinal laser photocoagulation: benefits and risks 1-35867
- Frank, T., Schellstede, G. An electrically controlled automatic apparatus for weathering of mechanically loaded test specimens of plastic 1-39554
- Frank, T.G. see Pendergrass, J.H. 1-41246
- Frank, W. Surface misfit dislocations in alloys and their significance for the understanding of stress corrosion cracking and of related phenomena. II. Theory of stress-corrosion cracking and related phenomena 1-4005
- Frank, W., Euteneuer, G.-A. Investigation into the spinning flow of a compressible fluid 1-37950
- Frank, W., Gosele, U. The influence of intrinsic defects on the degradation and luminescence of GaAs and other III-V compounds 1-21252
- Frank, W. see Gosele, U. 1-25501
- Frank, W. see Laupheimer, A. 1-4004
- Frank, W.F.X. see Leute, U. 1-40879
- Frank, W.M. Modulations of the net tropospheric temperature during GATE 1-13523
- Frank, D.S. Use of optimization in the choice of optimal radiation techniques in radiation therapy 1-35890
- Franko, C. see Berger, C. 1-5636, 1-10209
- Franko, C. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Franko, H. Surface roughening for two-dimensional percolation above p_c 1-23126
- Franko, H. see Rosenber, M. 1-12438
- Franko, H.D. see Schmid, E. 1-49071
- Franko, J. see Wurlitzer, M. 1-52825
- Franko, K., Wehnacht, M. Measurement of the wave vector distribution of surface acoustic waves scattered in piezoelectric ceramics 1-38638
- Franko, R. see Dancer, A. 1-13252
- Franko, R. see Smigielski, P. 1-9066
- Franko, R. see Von Witsch, W. 1-10328
- Franko, T. see Cremades, J. 1-33312
- Franko, Th. see Cremades, J. 1-28627
- Franko, W., Ghobarkar, H. The morphology of albite grown from the supercritical phase 1-47032
- Franko, W., Lenk, K., Ittyachen, M.A., Mohanan Pillai, K. The morphology of cerussite PbCO_3 grown in silica gel and on hydrothermal conditions 1-35158
- Frankel, J., Homan, C.G., Kendall, D.P., Davidson, T.E. Ultrasonic velocity ratio measurements in solid hydrogen to pressures in excess of 60 kbar 1-38615
- Frankel, R.B. see Denham, C.R. 1-8888
- Franken, W.M.P. see Elen, J.D. 1-50923
- Frankenberg, J.B. see Grimesey, R.A. 1-6033
- Frankenberg, J.B. see Young, N.E. 1-6030
- Frankenthal, R.P., Siconolfi, D.J. AES study of tin-lead alloys: effects of ion sputtering and oxidation on surface composition and structure 1-31245
- Frankenthal, S. see Roberts, B. 1-27457
- Frankfurt, L.L., Strikman, M.I., Savitsky, M.M. Testing the Amado-Woloshyn-Frankel and Blankenbecker-Schmidt models by antineutrinos 1-18465
- Frankfurt, L.L. see Strikman, M.I. 1-10373, 1-18661, 1-36870
- Franklin, A., Smoker, H. Justification of a 'crucial' experiment: parity nonconservation 1-40615
- Franklin, A.L., DeSteele, J.G. Opportunities to increase the productivity of spent-fuel shipping casks 1-5919
- Franklin, C.B. see Smith, M.L. 1-787
- Franklin, D.G. Economic incentives for improved core materials performance 1-45607
- Franklin, J. Quark-moment contributions to baryon magnetic moments 1-14385
- Franklin, J.L. see Jia-Shen Wang 1-4118, 1-6372
- Franklin, J.L. see Walder, R. 1-4056
- Franklin, M. see Argentesi, F. 1-10438, 1-14608
- Franklin, M.E.B. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Franklin, M.E.B. see Dorfan, J.M. 1-41020
- Franklin, M.E.B. see Himel, T.M. 1-18482
- Franklin, M.E.B. see Scharre, D.L. 1-18485, 1-45292
- Franklin, N.L. Nuclear energy in the 80s 1-23717
- Franklin, R.D. see Morgan, W.L. 1-46321
- Franklin, R.E., McMillan, J. Noise generation in cavitating flows. The submerged water jet. I 1-24775
- Franklin, R.E., McMillan, J. Noise generation in cavitating flows. The submerged jet. II 1-24776
- Franklin, R.N. see Wall, D.N. 1-46896
- Franklin, T.D., Jr. see Smith, W.L. 1-53843
- Franks, J., Clay, C.S., Peace, G.W. Ion beam thin film deposition [SEM specimen sputter coating] 1-16688
- Fransse, J.J.M. see Buis, N. 1-47923
- Franssen, R. see Pirlot, R. 1-27980
- Fransson, C., Epstein, R.I. Acceleration and propagation of cosmic rays 1-44395
- Fransson, K. see Izycki, M. 1-1419, 1-1420
- Frantsevich, I.N. see Bochko, A.V. 1-12864, 1-53291
- Frantsevich, I.N. see Pechenyi, A.P. 1-21041
- Frantsov, Yu.E. see Bulgakov, V.V. 1-23603
- Frantsuzov, A.A. see Guzey, A.A. 1-3072
- Frantz, E.R. see Chao, Y.A. 1-912
- Franz, E.-M. see Hseuh, H.-C. 1-50549
- Franz, G., Freyland, W., Glaser, W., Hensel, F., Schneider, E. Structure of expanded liquid rubidium by neutron diffraction [and changes in metal-nonmetal transition region] 1-25147
- Franz, G., Freyland, W., Hensel, F. Thermodynamic and electric transport properties of fluid cesium and rubidium in the M-NM transition region 1-25774
- Franz, G. see Gaggeler, H. 1-18666
- Franz, G. see Hartmann, W. 1-39362
- Franz, H. Durability and corrosion of silicate glass surfaces 1-31697
- Franz, J. see Brouers, F. 1-25689
- Franz, J.A. see Martin, L.Y. 1-43833
- Franz, J.R., Jonson, M. Simple theory for alloy density of states including local atomic configurations 1-25605
- Franz, J.R. see Jonson, M. 1-20604
- Franz, O.G. see Millis, R.L. 1-54408
- Franz, W. see Schlitz, W. 1-47849
- Franzen, F.L. see Ilari, O. 1-28723
- Franzen, H., Hariharan, A.V. The high-temperature vaporization thermodynamics of lanthanum and yttrium monophosphides as determined by Knudsen effusion 1-30375
- Franzen, N.-I., Berggren, K.-F. A cluster model for amorphous antiferromagnetism 1-42973
- Franzen, R., Seetzen, J., Huber, W., Patzak, R. Implementation and analysis of the EC-energy-model in Germany 1-35618
- Franzen, W.O. see Whitcomb, J.H. 1-13381
- Franzi, R., Geoffroy, M. ESR study of an X-irradiated single crystal of Ph_3GeBr : structure of the triphenylbromogermane radical anion 1-52844
- Franzinetti, C. see Allasia, D. 1-23495
- Franzini, M., Troys, M. The effect of elastic withdrawal of an imprint in measuring the Knoop and Vickers micro-indentation hardness numbers. I. Experimental data 1-31583
- Franzone, P. Colli see Colli Franzone, P.
- Fransosi, P., Ghezzi, C., Gombia, E. Crystal defects in $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ /GaAs heterostructures prepared by vapour phase chemical transport 1-35186
- Frappa, M., Muraur, P. A seismic method for the detection of subsurface cavities 1-22517
- Frasca, S. Analogical device for a rough localization of gravitational-wave sources 1-4770
- Frascaria, N. see Riepe, G. 1-23949
- Frascaria, N. see Royneite, J.C. 1-45533
- Frascaria, R. see Djalali, C. 1-18623
- Frascaria, R. see Rogers, J.G. 1-23660
- Fraser, A. see Craddock, S. 1-46125
- Fraser, A.B., Thompson, G.J. Analytic Sun pillar model 1-4614
- Fraser, C. Video in the field—a novel approach to farmer training 1-27737
- Fraser, C.S. Multiple focal setting self-calibration of close-range metric cameras 1-44070
- Fraser, D.B. see Austin, D.H. 1-50212
- Fraser, D.B. see Murarka, S.P. 1-16685
- Fraser, D.B. see Vaidya, S. 1-2933
- Fraser, G.A. see Gray, J.C. 1-37311
- Fraser, G.W., Mathieson, E. Signal location by uniform resistive anodes. A. Square anodes in the DC limit 1-45799
- Fraser, G.W., Mathieson, E., Evans, K.D., Lumb, D.H., Steer, B. The capacitively terminated RC line. I. Signal location by the difference zero-cross time method 1-51048
- Fraser, H.J. Logarithmic conformity of frequency weighted flip-flop logarithmic ratemeters for random pulses 1-23991
- Fraser, J.C. Issues in advanced focal plane manufacturing and evaluation 1-5393
- Fraser, P.A. see Martin, D.W. 1-1414
- Fraser, P.J. see Hyson, P. 1-13526
- Fraser, R. see Bosanquet, A.G. 1-13369
- Fraser, S. see Waddell, P. 1-41872
- Fraser, S.M., Siddig, M.H. Turbulent flow over a plane normal wall 1-33947
- Fraser, W.B. Separable equations for a cylindrical anisotropic elastic waveguide 1-19614
- Fraser-Smith, A.C., Helliwell, R.A. Stimulation of Pc 1 geomagnetic pulsations by naturally occurring repetitive VLF activity 1-17738
- Fratello, V.J., Hays, J.F., Spaepen, F., Turnbull, D. The mechanism of growth of quartz crystals into fused silica 1-42309
- Fratello, V.J., Hays, J.F., Turnbull, D. Dependence of growth rate of quartz in fused silica on pressure and impurity content 1-7105
- Fratello, V.J., Hays, J.F., Turnbull, D. Effect of pressure and hydroxyl content on the kinetics of crystallization of fused silica 1-34270
- Frater, R.H. Processing of three-dimensional data 1-54383
- Fraternali, M. see Conta, C. 1-14418
- Frater, F. see Nikolov, P. 1-51238
- Frater, F. see Polansky, O.E. 1-51183
- Frattarola, J. see Tuft, R. 1-46247
- Fratucello, G.B. see Bordin, G. 1-52283

- Fraundorf, S., May, F.R., Pashkevich, V.V. Spectroscopic trends of very neutron-deficient nuclei in the lead region 1-10300
- Fraundorf, S. see Simon, R.S. 1-23549
- Fraunfelder, H., Petsko, G.A. Structural dynamics of liganded myoglobin 1-1811
- Fraunheim, T., Ropke, G. Electron correlation influenced magnetic phase transitions in f-electron systems 1-47881
- Frauenholz, R.B. The use of unbalanced precessions as a trajectory control technique for the Pioneer Venus missions 1-44407
- Fraunheim, T. see Andreeff, A. 1-52532
- Fraundorf, P. The distribution of temperature maxima for micrometeorites decelerated in the Earth's atmosphere without melting 1-22742
- Frautschi, S.C. Asymptotic freedom and colour superconductivity in dense quark matter 1-18389
- Frautschi, S.C. Ericson fluctuations and the new Argonne data on πN scattering 1-18514
- Frawley, A.D. see Mateja, J.F. 1-33268
- Frawley, A.D. see Szymakowski, J. 1-50615
- Frazee, R.E., Jr. see Watkins, L.S. 1-19434
- Frazier, B.C. see Youngblood, R. 1-3342
- Frazer, D.G., Stengel, P.W., Weber, K.C. Minimizing the effect of gas trapping on static pressure-volume curves of excised lungs 1-13280
- Frazer, E.J. see Mamantov, G. 1-32009
- Frazer, L.N., Phinney, R.A. The theory of finite frequency body wave synthetic seismograms in inhomogeneous elastic media 1-27080
- Frazer, W.R., Gunion, J.F. Target-mass corrections in quantum chromodynamics 1-18435
- Frazier, A.W. see Waerstad, K.R. 1-30176
- Frazier, G.A., Glosser, R. Characterization of thin films of the palladium-hydrogen system 1-20554
- Fre, P. A new viewpoint on de Sitter gauge invariance in gravity 1-18128
- Fre, P. see D'Auria, R. 1-151, 1-23086, 1-44824
- Freasier, B.C., Jolly, D.L., Nordholm, S. Simulation of microscopic chemical processes. IV. Temperature dependence of deactivation and dissociation of bromide in argon 1-21708
- Freasier, B.C. see Thompson, N.E. 1-11656
- Frech, R., Wang, E.C. The IR and Raman spectra of CaCO_3 (aragonite) 1-8072
- Frechette, V.D., Michalske, T.A. Glaze-stress calculation from ring-test data 1-38436
- Frechette, V.D. see Michalske, T.A. 1-39487
- Frecker, R.C. see Gander, R.E. 1-17469
- Fredberg, J.J., Wohl, M.E.B., Glass, G.M., Dorkin, H.L. Airway area by acoustic reflections measured at the mouth 1-13296
- Fredberg, J.J. see Slutsky, A.S. 1-26933
- Fredenhagen, K. On the existence of antiparticles 1-50306
- Frederick, E.E. see Bjorkholm, P.J. 1-43977
- Frederick, J.E., Abrams, R.B., Dasgupta, R., Guenther, B. An observed annual cycle in tropical upper stratospheric and mesospheric ozone 1-17652
- Frederick, J.E., Hudson, R.D. Atmospheric opacity in the Schumann-Runge bands and the aerodynamic dissociation of water vapor 1-17715
- Frederick, J.E., Hudson, R.D. Dissociation of molecular oxygen in the Schumann-Runge bands 1-17716
- Frederick, J.E. see Jackson, C.H. 1-44253
- Frederick, K.F. see Yochheim, E.D. 1-18794
- Frederick, N.V. see Giarratano, P.J. 1-46666
- Fredericks, W.J. see Bennett, R.W. 1-2686
- Fredericksen, F. see Bromberg, C. 1-10266, 1-45364
- Frederikse, H.P.R. see Schneider, S.J. 1-7011
- Fredga, K. see Gustafsson, B. 1-4910
- Frediani, C. see Ascoli, C. 1-4398
- Fredin, L. see Frei, H. 1-39611
- Fredin, D.R. see Butler, W.F. 1-26877
- Fredin, D.R. see Schultz, S. 1-7939
- Fredrickson, H.P., Levy, M., Gavalier, J., Ashkin, M. Ultrasonic surface acoustic wave investigation of thin films of superconducting NbN 1-52704
- Fredrickson, D. see Hornstra, F. 1-53606
- Fredrickson, D.R., Johnson, G.K., O'Hare, P.A.G. Cesium chromate, Cs_2CrO_4 : high-temperature enthalpy increments and other thermodynamic properties 1-17096
- Fredrickson, H. see Padikal, T.N. 1-22128
- Fredrickson, J. The temperature coefficient of the surface tension of iodine monochloride and iodine monobromide 1-38624
- Fredriksson, H., Hammar, O. On the formation of non-metallic inclusions in Fe-50 pct Ni type alloys by deoxidation with Mn, Si, and Al 1-12770
- Fredriksson, H. see Carlberg, T. 1-16768
- Fredriksson, S. Clusters and tubes in multiparticle production from nuclear targets 1-14521
- Fredriksson, S. see Bergstrom, L. 1-28389
- Fredsoe, J. Unsteady flow in straight alluvial streams. II. Transition from dunes to plane bed 1-49308
- Freed, C., Bradley, L.C., O'Donnell, R.G. Absolute frequencies of laser transitions in seven CO_2 isotopic species 1-19320
- Freed, J. see Yurke, B. 1-6190
- Freed, J.H. see Moro, G. 1-44973
- Freed, J.H. see Stillman, A.E. 1-1259
- Freed, J.H. see Zientara, G.P. 1-39868
- Freed, K.F. Energetics of the photodissociation of polyatomic molecules 1-33524
- Freed, K.F. Concentration dependence of the viscoelastic properties of polymer solutions and suspensions 1-38246
- Freed, K.F., Nitzan, A. Intramolecular vibrational energy redistribution and the time evolution of molecular fluorescence 1-37309
- Freed, K.F. see Sun, H. 1-37087
- Freed, R.L. Micro-structural characterization of thick, soft and hard gold electrodeposits [electrical contacts] 1-43529
- Freedhoff, H.S. Radiation damping of multipole polarizations 1-12043
- Freedhoff, H.S., Markiewicz, W. Retarded multipole interactions in crystals: a continuum model summation 1-12073
- Freedman, A., Swiner, G.G. Errata and clarifications: internal field of an ionized elastic plate 1-24735
- Freedman, D.Z., Townsend, P.K. Antisymmetric tensor gauge theories and non-linear σ -models 1-28177
- Freedman, P.A. see Raitt, I. 1-37231
- Freedman, R., Nicholls, R.W. Calculation of the spectral transmission of the Earth's atmosphere in the region of the NO gamma bands 1-9248
- Freedman, R., Nicholls, R.W. Molecular constants for the $v''=0(X^2\Pi)$ and $v''=0, 1(A^2\Sigma^+)$ levels of the NO molecule and its isotopes 1-14811
- Freedman, R.A., Hwang, W.-Y.P., Willets, L. Hadron bag model of nucleon-antinucleon annihilation 1-50458
- Freedman, R.A., Willets, L., Ellis, S.D., Henley, E.M. Classical chromodynamics of two sources: charges and magnetic moments 1-23480
- Freels, J. see Kerlin, T.W. 1-28573
- Freeman, A.J. f-electrons in solids: Electronic structure and properties of actinides and rare-earths 1-47528
- Freeman, A.J., Weinert, M., Desclaux, J.P., Mallov, J.V. Breit interaction determination of muonic hyperfine anomalies: large but not giant 1-39018
- Freeman, A.J. see Delley, B. 1-30619
- Freeman, A.J. see Ding-Sheng Wang 1-47727
- Freeman, A.J. see Jarlborg, T. 1-12023, 1-34616
- Freeman, A.J. see Pickett, W.E. 1-7514, 1-47431
- Freeman, A.N. The monitoring of oil in reactor coolant and in breathing air by photoionization detection 1-798
- Freeman, B.L. see Caird, R.S. 1-33018
- Freeman, B.S. see Fischbach, E. 1-23071
- Freeman, E.S. see Rudloff, W.K. 1-26727
- Freeman, G., McKellar, B.H.J. Is nuclear physics the molecular physics of coloured quarks? 1-36907
- Freeman, G.B. see Sargent, G.A. 1-20570
- Freeman, G.R. see Gee, N. 1-51291
- Freeman, J. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Freeman, J.A. see Barach, J.P. 1-4304
- Freeman, J.A. see Wikswo, J.P., Jr. 1-4306
- Freeman, J.J., Heavieside, J., Hendra, J.P., Prior, J., Reid, E.S. Raman spectrometry with high sensitivity 1-50220
- Freeman, J.J. see Heavieside, J. 1-52926
- Freeman, J.M. see Soifeld, J. 1-6116
- Freeman, J.R., McGlaun, J.M., Thompson, S.L., Cnare, E.C. Numerical studies of helical CMF generators 1-33017
- Freeman, J.R. see McGlaun, J.M. 1-34116
- Freeman, J.R. see Wright, T.P. 1-34059
- Freeman, J.W. see Sanders, G.D. 1-13645
- Freeman, K.C. LMC clusters: young 1-36359
- Freeman, L.A. A novel device for the direct recording of diffractograms 1-24511
- Freeman, L.A., Howie, A., Mistry, A.B. Comparison of hollow cone and axial bright field electron microscope imaging techniques 1-14213
- Freeman, L.B., Hartfield, G.L., Sarber, W.K., Rowland, D.M. Measured Xenon stability of a ^{235}U -Th reactor 1-50873
- Freeman, L.B., Hecker, H.C. The reactivity worth of ^{235}U inferred from measurements 1-18811
- Freeman, M.H. see Fincham, W.H.A. 1-17960
- Freeman, M.L. see Dewey, W.C. 1-53831
- Freeman, N. Biological and clinical effects of low frequency electric and magnetic fields 1-17452
- Freeman, N.C., Horrocks, G., Wilkinson, P. Back-lund transformations applied to the cylindrical Korteweg-de Vries equation 1-40659
- Freeman, P.A. see Furlong, D.N. 1-48746
- Freeman, R. Nuclear magnetic resonance spectroscopy in two frequency dimensions 1-6286
- Freeman, R. see Avent, A.G. 1-317
- Freeman, R. see Bax, A. 1-41455
- Freeman, R. see Channell, J.E.T. 1-4423
- Freeman, R. see Levitt, M.H. 1-14151
- Freeman, R.D. Analysis of [equilibrium constant, temperature] data. IV. New equations for calculation of change in Planck function ('free energy function') from ΔC_p° 1-31892
- Freeman, R.D. see Edwards, J.G. 1-38038
- Freeman, R.H., Spinhrine, J.M., Anafi, D. Intracavity adaptive optics 1-46396
- Freeman, R.M. see Gerber, J. 1-16513
- Freeman, R.M. see Heusch, B. 1-45558
- Freeman, R.M. see Kolata, J.J. 1-45528
- Freeman, R.R., Liao, P.F., Panock, R., Humphrey, L.M. Isotope shift of the 2^3P-3^3D transition in helium 1-6210
- Freeman, R.R. see Bjorkholm, J.E. 1-24100, 1-46170
- Freeman, R.R. see Castro, J.C. 1-24081
- Freeman, S.M. see Bailey, C.D. 1-4021
- Freeman, W.J. see Bressler, L. 1-32150
- Freeman, W.S., Wilschut, H.W., Chapuran, T., Piel, W.F., Jr., Paul, P. Heavy-ion resonances in angular-momentum-unfavored channels 1-5753
- Freeman-Lynde, R.P., Hutchinson, D.R., Folger, D.W., Wiley, B.H. The origin and distribution of subbottom sediments in southern Lake Champlain 1-49310
- Freeouf, J.L., Rubloff, G.W., Ho, P.S., Kuan, T.S. Reactive Schottky barrier formation: the Pd/Si interface 1-16366
- Freer, D.A. see Todd, J.F.J. 1-5430, 1-14205
- Freese, L.C. see Sauer, I. 1-15687
- Freese, J.M. see Pettit, R.B. 1-13088
- Freese, K.E. see McKnight, R.D. 1-28664
- Freese, R.P., Tegarden, K.J. Pre-pulse identification of localized laser damage sites in thin films using photoacoustic spectroscopy 1-37525
- Freestone, A.O.I. see Hodgetts, G.B. 1-34029
- Fregato, S.R., Bokov, V.A. Displacement of cylindrical bubble domains in pulsed expansion 1-42989
- Frehaut, J. see Boldeman, J.W. 1-776
- Frehland, E., Faulhaber, K.H. Nonequilibrium ion transport through pores. The influence of barrier structures on current fluctuations, transient phenomena and admittance 1-48967
- Frei, D., Thomann, H. Direct measurements of skin friction in a turbulent boundary layer with a strong adverse pressure gradient 1-19846
- Frei, H., Fredin, L., Pimentel, G.C. Vibrational excitation of ozone and molecular fluorine reactions in cryogenic matrices 1-39611
- Freiberg, A., Raidaru, A., Aniyal, A., Timpmann, K., Kuk, P., Saari, P. Streak camera operating in synchronism with a picosecond laser for real-time optical process measurement 1-23343
- Freiberg, A. see Kaarli, R. 1-23318
- Freiberg, Ya. see Galitsis, A. 1-19982
- Freidenberg, A.S. see Movsesyan, A.Kh. 1-12709
- Freidin, A.S. see Danil'chenko, V.P. 1-15549
- Freidlin, M.G., Nikanorov, M.A., Gavze, A.L., Logokudak, A.M. The use of electrospar alloying for increasing the durability of titanium alloys in lubricated friction assemblies 1-43538
- Freidman, G.I. see Babin, A.A. 1-1633, 1-1634
- Freidman, S.P., Zhukov, V.P., Gubanov, V.A. Study of the electronic structure and spectral features of TiS_2 , ZrS_2 and HfS_2 ; by the X_α discrete variational method 1-34622
- Freier, P.S., Young, J.S., Waddington, C.J. The neutron-rich isotopes of cosmic-ray neon and magnesium 1-13649
- Freisleben, H. see Christensen, P.R. 1-18663
- Freisleben, H. see Harrach, D. 1-50693
- Freisleben, H. see Oeschler, H. 1-50640
- Freihoffer, D. Energy-transport by radiative diffusion 1-5173
- Freik, D.M., Kostik, B.F., Chobanyuk, V.M., Pavlyuk, M.F. Electrical properties and band structure of p-($\text{SnTe}_{0.1}(\text{PbSe})_{0.9}$) epitaxial layers 1-38782
- Freik, D.M., Kostik, B.F., Voznyak, O.M., Avramenko, A.G., Zaverukha, M.S. Band structure of epitaxial $\text{Pb}_{0.9}\text{Sn}_{0.1}$ films 1-42689
- Freik, D.M., Rarenko, I.M., Solonichnyi, Ya.V., Shperun, V.M. Film heteroepitaxy in the SnTe-PbTe system 1-43265
- Freiman, E.A. see Egorov, L.P. 1-31331
- Freiman, Ya.A. see Manzhelii, V.G. 1-52309
- Freiman, Ya.A. see Ezhovskii, A. 1-30427
- Freiman, Ya.A. see Sumarokov, V.V. 1-2648
- Freimanis, A.V. Some general features of the structure of $\text{Pb}(\text{TiZr})\text{O}_3$ and $(\text{PbBa})\text{Nb}_2\text{O}_6$ solid solutions as a function of concentration in the two phase region 1-12724
- Freimanis, Ya.F. see Balabanov, E.I. 1-48707
- Freinkman, B.G. Subtracting off the singularity in the integral equations of a three-dimensional electromagnetic field 1-24325
- Freire, J.L.F., Riley, W.F. Yield behavior of photoplastic materials 1-3825
- Freis, R.P. see Cohen, N.I. 1-7001
- Freishnit, N.A. see Nikiforovskii, V.S. 1-24745
- Freisinger, J., Lensing, J., Reineck, S., Lob, H.W. Diagnostics in the RF-ion source RIG 10 for intense ion beams 1-15654
- Freisinger, J. see Thueringer, R. 1-15629
- Freitag, W., Grossman, W. Interferometric testing of the imaging quality in JENA-made high-performance microscope objectives 1-45002

- Freitas, V. De *see* De Freitas, V.
 Freitas Mourao, R.R. *De see* De Freitas Mourao, R.R.
 Freitas-Mourao, R.R. *De see* De Freitas-Mourao, R.R.
 Freivert, K.M. *see* Babkina, T.V. 1-6671
 Frejlich, J., Cescato, L. Real time optical recording using a negative photoresist 1-40883
 Freilih, T. *see* Trsan, N. 1-29379
 Fremouw, E.J. Geometrical control of the ratio of intensity and phase scintillation indices 1-27332
 Fremunt, P., Svejcar, J., Varhanicek, J. The study of sulphides by the method of gradual etching 1-48632
 French *see* Armstrong 1-10254
 French, A.S. Sensory transduction in an insect mechanoreceptor: linear and nonlinear properties 1-17408
 French, B.R. *see* Costa, G. 1-23516
 French, B.R. *see* Di Gennaro, V. 1-5660
 French, B.R. *see* Evangelista, C. 1-23515, 1-45354
 French, E.P. Heat-rejection design for large concentrating solar arrays 1-48862
 French, G.A. Linear scale ohmmeter 1-18215
 French, H.B. Galaxies with the spectra of giant H II regions 1-13845
 French, H.B., Miller, J.S. The spectrum of the variable nucleus and surrounding nebulosity of 3C 120 1-44642
 French, H.M. *see* Hayward, M. 1-40129
 French, J. *see* Atkinson, J. 1-13235
 French, J.B. Statistical spectroscopy 1-10352
 French, R.B. *see* Watts, D.R. 1-22216
 French, R.G. *see* Elliot, J.L. 1-40417
 French, R.L., Meitlis, I. Salton Sea solar pond project 1-53649
 Frenchu, W.R. *see* Zancucchi, P.J. 1-48589
 Frenk, C.S., White, S.D.M. The kinematics and dynamics of the galactic globular cluster system 1-9593
 Frenkel, D., Hanson, F.E., McTague, J.P. Phase transitions and orientational order in a two dimensional Lennard-Jones system 1-7063
 Frenkel, F., Hager, J., Krieger, W., Walther, H., Campbell, C.T., Ertl, G., Kuipers, H., Segner, J. Rotationally inelastic gas-surface scattering investigated by laser-induced fluorescence 1-33497
 Frenkel, S. *see* Poddubny, V.I. 1-34255
 Frenkel, S.Y. *see* Panov, Y.N. 1-41995
 Frenkel, Ya.I. Viscous flow of crystalline bodies under the action of surface tension 1-16081
 Frenois, C. *see* Doussineau, P. 1-11817
 Frenzel, E. *see* Faisner, H. 1-14438
 Frenzel, R. A problem in the use of electric double layers in the analytical treatment of electrostatic fields 1-1434
 Frenzen, C. *see* Pedlosky, J. 1-22403
 Frenzen, P. *see* Sheih, C.M. 1-22416
 Frere, J.-M. Neutrino mixing and the m_W/m_Z mass ratio 1-40961
 Frere, J.-M. *see* Bais, F.A. 1-36805
 Frere, J.-M. *see* Brout, R. 1-9748
 Frekking, M.A., Wilson, R.W., Linke, R.A., Wannier, P.G. Isotopic abundance ratios in interstellar carbon monosulfide 1-9609
 Frekking, M.A. *see* Linke, R.A. 1-49790
 Fresart, E. *de see* de Fresart, E.
 Frescura, F.A.M., Hiley, B.J. The algebraization of quantum mechanics and the implicate order 1-18056
 Frescura, F.A.M., Hiley, B.J. Geometric interpretation of the Pauli spinor 1-40625
 Frese, K.W., Jr. *see* Morrison, S.R. 1-25502
 Fressengens, C., Molinari, A. Transient stress induced by thermal shock 1-37803
 Fretier, P. *see* Gourdon, J.C. 1-34924
 Fretigny, C., Marchand, D., Legrand, A. Study of the transmission of a cylindrical mirror analyser. Application to the analysis of surface electronic spectra 1-33080
 Freund, F. *see* Wengeler, H. 1-20427
 Freudenhammer, A. A disordered Ising model with internal degrees of freedom 1-34897
 Freudenhammer, A., Wonch, W., Auer, P.P. On the conversion temperature of cleaved stepped Si(111) surfaces 1-2782
 Freudenstein, K. *see* Ebeling, K.J. 1-1774
 Freudenstein, A. *see* Ridou, C. 1-7150
 Freund, A.K. Neutron optics using non-perfect crystals 1-41551
 Freund, F. Atomic carbon in magnesium oxide. VIII. General discussion and outlook 1-30225
 Freund, F., Kathrein, H., Wengeler, H., Knobel, R., Heinen, H.J. Carbon in solid solution in forsterite—a key to untractable nature of reduced carbon in terrestrial and cosmogenic rocks 1-27101
 Freund, F., Knobel, R., Oberheuser, G., Maiti, G.C., Schaefer, R.G. Atomic carbon in magnesium oxide. V. Hydrocarbon evolution 1-21718
 Freund, F., Wengeler, H. Proton conductivity of simple ionic hydroxides. I. The proton conductivities of $\text{Al}(\text{OH})_3$, $\text{Ca}(\text{OH})_2$, and $\text{Mg}(\text{OH})_2$ 1-25492
 Freund, F., Wengeler, H., Martens, R. Proton conductivity of simple ionic hydroxides. III: Band model for the proton conductivity in $\text{Al}(\text{OH})_3$, $\text{Mg}(\text{OH})_2$ and $\text{Ca}(\text{OH})_2$ 1-47288
 Freund, F. *see* Kathrein, H. 1-20733
 Freund, F. *see* Knobel, R. 1-21717
 Freund, F. *see* Wengeler, H. 1-24128, 1-31146
 Freund, H.-J., Bigelow, R.W. Shake-up phenomena in D^+ -Ar-structures: A CNDO/S equivalent-core study on N,N-dimethyl-p-nitroaniline in the vapor and condensed phases 1-51123
 Freund, H.-J. *see* Bigelow, R.W. 1-33380
 Freund, H.-J. *see* Saddeci, D. 1-39223, 1-51122
 Freund, H.P., Papadopoulos, K. Radiation from a localized Langmuir oscillation in a uniformly magnetized plasma 1-2179
 Freund, L.B., Sills, L.B. A line plastic-zone model for steady mode III crack growth in an elastic-plastic material 1-11352
 Freund, P., Cattell, R.K. The development and testing of a heat pump for heating a single room 1-21890
 Freund, P.G.O. Topological and phenomenological aspects of gravity and supergravity 1-32887
 Freund, P.G.O., Rubin, M.A. Dynamics of dimensional reduction 1-18420
 Freund, R.S. *see* Tarr, S.M. 1-24267
 Freund, S.M. *see* Cantrell, C.D. 1-13029
 Frevert, T. Could Lake Constance 'turn over'? 1-44224
 Frey, A. *see* Bauhofer, W. 1-35039
 Frey, F. *see* Boysen, H. 1-20325
 Frey, F.A. *see* Ludden, J.G. 1-13430
 Frey, H.G., Muir, T.G., Thompson, L.A., Cox, L.R. A low frequency, broadband acoustic source for ocean research 1-32567
 Frey, J. *see* Inoue, M. 1-2971
 Frey, J. *see* Smith, P.M. 1-34714
 Frey, P. *see* Jeavons, A. 1-14732
 Frey, R. *see* De Martino, A. 1-19326
 Frey, R. *see* Meier, D. 1-23589
 Frey, R.A. *see* Cunningham, D.E. 1-22106
 Freyer, R., Hinz, W. Model investigation into the formation of electrostatic fields and into the deformation of thermoplastic recording material at single signals 1-5424
 Freyer, R., Hinz, W. Model investigations into the formation of electric fields and into the deformation of thermoplastic recording structures 1-10036
 Freyer, R. *see* Mildner, J. 1-19301
 Freyhardt, H.C. Principles of superconductivity 1-16399
 Freyhardt, H.C., Goebels, J., Luders, K., Reichelt, J. NMR investigations on ^9Be in amorphous Be-Nb-Zr alloys 1-34829
 Freyhardt, H.C. *see* Bornmann, R. 1-48296
 Freyhardt, H.C. *see* Kramer, E.J. 1-7782
 Freyhardt, W.E. Measuring techniques for light guides and optical transmission cables 1-19425
 Freyland, W. Electronic correlation and the M-NM transition in fluid alkali metals [magnetic susceptibility observations] 1-25633
 Freyland, W., Cutler, M. Magnetic susceptibility of expanded liquid selenium 1-12253
 Freyland, W. *see* Dupree, R. 1-26052
 Freyland, W. *see* Franz, G. 1-25147, 1-25774
 Freyland, W. *see* Martin, W. 1-25151, 1-25152, 1-25153
 Freymuth, P. Calculation of square wave test for frequency optimised hot-film anemometers 1-34030
 Freymuth, P. A bibliography of thermal anemometry 1-36472
 Freysinet, J.-M. *see* Torbet, J. 1-32181
 Freytag, C. *see* Hennemuth, B. 1-22507
 Freyzon, I.A. *see* Potapova, N.I. 1-4685
 Friar, J.L. Feshbach-Villars perturbation theory for pionic atom problems 1-6414
 Friar, J.L. Hypervirial theorems and the Breit-type recoil correction for pionic atoms 1-24294
 Friar, J.L. Relativistic effects in the atomic and nuclear few-body problems 1-50545
 Friar, J.L., Wallace, S.J. Fourier-Bessel representation for $1/r^2$ potentials 1-5748
 Friart, D. *see* Andre, M. 1-51469
 Friauf, W.S. *see* Brooks, R.A. 1-53872
 Friberg, A.T. Phase-space methods for partially coherent wavefields 1-41567
 Friberg, A.T. On the generalized radiance associated with radiation from a quasihomogeneous planar source 1-46214
 Friberg, P., Hjalmarson, A., Irvine, W.M., Guelin, M. Interstellar C_2 detection in Taurus dark clouds 1-22870
 Friberg, P. *see* Eldler, J. 1-49774
 Frick, H., Clever, R.M. Influence of sidewalls on the onset of convection in a horizontal fluid layer 1-24816
 Frick, K. *see* Curtis, B.J. 1-34743
 Fricke, A.H. *see* Hennig, H.F.-K.O. 1-35722
 Fricke, A.L. *see* Echenagucia, J. 1-46787
 Fricke, B. *see* Euler, R. 1-6186
 Fricke, B. *see* Rashid, K. 1-19218
 Fricke, B. *see* Sepp, W.-D. 1-33588
 Fricke, J., Muller, A., Salzborn, E. Single particle counting of heavy ions with a channeltron detector 1-10604
 Fricke, K.J. *see* Glatzel, W. 1-40465
 Fricke, W. The FK5, an improved fundamental reference system extended to fainter stars 1-32631
 Fricke, W. Where is the equinox? 1-44410
 Fridd, C.W. *see* Child, S.Z. 1-35846
 Fridenthal, Ya. *see* Aarik, Ya. 1-24422, 1-25800
 Fridh, C. *see* Asbrink, L. 1-10655
 Fridkin, R.Z., Braude, V.M. Theoretical basis of the asymmetric quenching process for glasses with a film coating on one side 1-12764
 Fridkin, R.Z., Mazurin, O.V. Algorithm for calculating the temperature field in a glass plate on heating or cooling taking into account heat transfer by radiation 1-41943
 Fridkin, V.M. Semiconducting models of silver halide photography 1-10040
 Fridkin, V.M. The anomalous photovoltaic effect in ferro and piezoelectric semiconductors and its application for optical storage by holography 1-46260
 Fridkin, V.M., Rodin, A.I. Anomalous photovoltaic effect in ferroelectric SbSI and cubic piezoelectric ZnS 1-7660
 Fridlander, B.A., Neshpor, V.S., Ordan'yan, S.S., Unrod, V.I. Thermal conductivity and diffusivity of binary alloys of the ZrC-ZrB₂ system at high temperatures 1-16272
 Fridlander, O.G. Heat transfer in a very rarefied gas 1-37970
 Fridlund, C.V.M., Nordh, H.L., van Duinen, R.J., Aalders, J.W.G., Sargent, A.I. A low-luminosity far infrared source in the L1551 molecular cloud 1-22864
 Fridlund, M. *see* Nordh, H.L. 1-54584
 Fridman, A. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
 Fridman, A.A. *see* Dukhovnii, I.S. 1-25847
 Fridman, A.A. *see* Legasov, V.A. 1-29931
 Fridman, A.A. *see* Macheret, S.O. 1-42132
 Fridman, A.M., Anufriev, Yu.P. Failure criteria for anisotropic graphite in complex stress-state conditions 1-43456
 Fridman, A.M., Palous, J., Pasha, I.I. Collisionless shock-waves in stellar systems 1-54622
 Fridman, G.I. *see* Gusarskii, V.V. 1-21807
 Fridman, L.A., Tabachnik, V.P., Chernova, G.S. Magnetic field in the neutral plane of a massive steel component magnetized by a two-pole electromagnet 1-34910
 Fridman, L.A. *see* Fedorishcheva, E.E. 1-37386
 Fridman, M.G. *see* Arkhipova, V.I. 1-4139
 Fridman, P.A. *see* Dravskikh, A.F. 1-9384
 Fridman, S.A. *see* Timofeev, Yu.P. 1-12551, 1-12562
 Fridzon, M.B. Standard device for simulating atmospheric conditions 1-22548
 Frie, W., Grave, B. Designing and estimating the efficiency of a system for hydrogen production by thermochemical means 1-43815
 Friebe, E.J., Gingerich, M.E. Photobleaching effects in optical fiber waveguides 1-11139
 Friebe, E.J., Gingerich, M.E., Schultz, P.C. Compositional effects on the radiation response of Ge-doped silica-core optical fiber waveguides 1-6657
 Fried, A.M. *see* Gupta, V.N. 1-6740
 Fried, B.D., Adler, A., Bingham, R. Theory of double resonance parametric excitation in plasmas. II 1-19888
 Fried, J.R., MacKnight, W.J., Karasz, F.E. Compatibility and tensile properties of PPO blends 1-12826
 Fried, P.M., Nousek, J.A., Sanders, W.T., Kraushaar, W.L. The soft X-ray diffuse background and the structure of the local interstellar medium 1-49755
 Friedan, D. Nonlinear models in $2+\epsilon$ dimensions 1-433
 Friedan, D. Some non-Abelian toy models in the large N limit 1-33091
 Friedberg, J.J. Augmented diffusion in the airways can support pulmonary gas exchange 1-26923
 Friedberg, H. *see* Schweickert, H. 1-8576
 Friedel, R. *see* Zick, R. 1-43949
 Friedemann, C. *see* Pfau, W. 1-4917
 Friedenber, A. *see* Shapiro, Y. 1-4055
 Friedenthal, E. *see* Mendelick, J. 1-43938
 Friedenthal, E. *see* Stierzer, F. 1-43937
 Frieder, G. *see* Altschuler, M.D. 1-4386
 Friederich, A., Kaplan, D. Doping effects in CVD deposited amorphous silicon: a study by light-induced ESR 1-52827
 Friederich, K.M., Jonsson, S., Aldinger, F., Petzow, G. The phase diagram beryllium-nickel 1-8278
 Friedjung, M. Narrow ultraviolet absorption lines of Nova Cygni 1978 1-40485
 Friedlander, F.J. *see* Reffle, J. 1-51335
 Friedland, A.J. *see* Carelli, M.D. 1-23728
 Friedland, L. Electron beam dynamics in combined guide and pump magnetic fields for free electron laser applications 1-29247
 Friedland, L., Bernstein, I.B. Geometric optics in plasmas characterized by non-Hermitian dielectric tensors 1-6931
 Friedland, L. *see* Bernstein, I.B. 1-51440
 Friedlander, C.B. *see* Rahimi, M.A. 1-32292

- Friedlander, E.M., Weiner, R.M. 'Small', 'large' and 'very large' transverse momenta in a unified hydrodynamical description 1-18509
- Friedlander, F.G. Radiation fields and hyperbolic scattering theory 1-27829
- Friedlander, S. Hydrostatic tidal model for lunar asymmetry 1-4785
- Friedman, A.M., Lam, D.J., Seitz, M.G. Workshop recommendations—Argonne National Laboratory specialists' workshop on basic research needs for nuclear waste management 1-28638
- Friedman, B.R. see Maleknia, S. 1-51214
- Friedman, D. Application of Zernike polynomial lens sensitivity program ZEST to optimizing a lens design 1-46514
- Friedman, E., Gal, A. Investigations of the pion-nucleus optical potential from pionic atoms 1-10873
- Friedman, H. see Mufson, S.L. 1-36381
- Friedman, H. see Skinner, G.K. 1-17906
- Friedman, H. see Ulmer, M.P. 1-54640
- Friedman, H.A., Toth, L.M. Absorption spectra of Np(III) , (IV), (V) and (VI) in nitric acid solution 1-19045
- Friedman, H.A. see Toth, L.M. 1-18858
- Friedman, H.L. see Hirata, F. 1-28908
- Friedman, H.L. see Rosky, P.J. 1-8574
- Friedman, J.M., Lyons, K.B. Time resolved resonance Raman scattering as a probe of hemoglobin dynamics 1-35742
- Friedman, K.J. see Reisman, S. 1-35855
- Friedman, M. see Lockner, T.R. 1-41261
- Friedman, M.H., Barger, C.B., Hutchins, G.M., Mark, F.F., Peters, O.J. Hemodynamic measurements in human arterial casts, and their correlation with histology and luminal area 1-22107
- Friedman, M.J. Mathematical study of the non-linear singular integral magnetic field equation. I 1-51342
- Friedman, M.J. see Colonias, J.S. 1-46195
- Friedman, R.M. see Heavside, J. 1-52926
- Friedman, S.L. see Barnett, A.B. 1-26899
- Friedman, W.A. Equilibrium and angular momentum transfer in deeply inelastic heavy ion reactions 1-28495
- Friedman, W.A., Hussein, M.S., McVoy, K.W., Mello, P.A. Ericson fluctuations in the nested-doorway model 1-45488
- Friedmann, H. Ion accelerators as a tool in controlled nuclear fusion research 1-18877
- Friedrich, C. see Siebke, W. 1-31463
- Friedrich, D.M., Van Alsten, J., Walters, M.A. Polarization and concentration dependence of two-photon forbidden electronic origins: the $^1\text{B}_2$ of benzene in solutions 1-29065
- Friedrich, E., Schatt, W. Sintering of one-component model systems: nucleation and movement of dislocations in necks 1-53133
- Friedrich, G., Rasch, K.-D., Roy, K. Diodes for space solar arrays 1-39792
- Friedrich, H. Determination of the first passage probability in stationary random processes 1-32907
- Friedrich, H. On the regular and the asymptotic characteristic initial value problem for Einstein's vacuum field equations 1-40683
- Friedrich, H., Guckelsberger, K., Scherm, R., Huller, A. Spin alignment of protons in NH_4^+ at low temperatures 1-47023
- Friedrich, H. see Cassing, W. 1-23677
- Friedrich, I. see Loser, E. 1-24811
- Friedrich, J., Haarer, D. Phonon selective low temperature photochemistry in alcohol glasses 1-8581
- Friedrich, J., Haarer, D. Selective photochemistry to produce narrow (phononless) photochemical holes for optical storage 1-39654
- Friedrich, J. see Weinzierl, G. 1-31180
- Friedrich, L. see Stuirbrink, A. 1-18658
- Friedrichs, A. see Dotsch, E. 1-52260
- Friedrichs, H.A. see Mathia, W. 1-38500
- Friedrichs, J., Haasen, P. Mobility of dislocations in copper-aluminum single crystals 1-47087
- Friedrichs, M., Grunzel, R. Improvement of acceleration of heavy ions by the EGP-10-I tandem generator 1-37026
- Friedt, J.M., de Jesus Filho, M.F., Sanchez, J.P. Electronic, structural, and magnetic properties of ^{57}Fe atoms created by ^{57}Co electron capture decay in CoF_2 and in CoCl_2 and FeCl_2 -bispyridine complexes 1-26092
- Friedt, J.M., MacCordick, J., Sanchez, J.P., Rebizant, J. Anomalous electronic behavior of dysprosium in the compound DyI , 1-12442
- Friedt, J.M., Maurer, M., Sanchez, J.P., Berrada, A., Qachau, A., Panissod, P., Durand, J. Electronic, magnetic and structural properties of amorphous $\text{Eu}_{80}\text{Au}_{20}$ alloys from hyperfine interactions at europium 1-25680
- Friedt, J.M. see de Jesus Filho, M.F. 1-31076
- Friedt, J.M. see Sanchez, J.P. 1-43049
- Friebe, C.A. Vortex shedding from cylinders at low Reynolds numbers 1-1998
- Friebe, C.A. see Antonia, R.A. 1-49314
- Frieman, E.A., Rewoldt, G., Tang, W.M., Glasser, A.H. General theory of kinetic ballooning modes 1-2183
- Frieman, E.A. see Rewoldt, G. 1-11550, 1-46880
- Frieman, E.A. see Tang, W.M. 1-29868
- Friend, R.H. see Fazekas, P. 1-12048
- Friend, S.H. see Gurd, F.R.N. 1-8793
- Fries, R.J. see Liepins, R. 1-5997
- Friese, F. see Aston, D. 1-14399, 1-45297, 1-50442
- Friesen, A.A., Katzir, Y., Rav-Noy, Z., Sharon, B. Photoconductor-thermoplastic devices for holographic nondestructive testing 1-10942
- Friesen, A.A. see Samoilovich, D.M. 1-10946
- Friesen, K.J., Wasylishen, R.E. Deuterium isotope effect on $^1\text{J}(\text{N}^{15}\text{N}, \text{C}^{13})$ in hydrogen cyanide 1-19121
- Friesen, R.L. see Wasylishen, R.E. 1-41329
- Friesen, W.I., Bergersen, B. Dielectric response of a one-dimensional electron gas 1-34640
- Frieser, R.G. see Reeber, M.D. 1-7455
- Friesner, R., Silbey, R. Exciton-phonon coupling in a dimer: an analytic approximation for eigenvalues and eigenvectors 1-47180
- Friesner, R. see Nairn, J.A. 1-13220
- Frignani, A., Zucchi, F., Zucchini, M., Trabellini, G. A scratching electron technique for studying the inhibition of stress corrosion cracking 1-31720
- Frigo, N., Hemenway, C., Mahr, H. Cavity-length stabilization technique for synchronously pumped mode-locked lasers 1-37514
- Friker, H. Sodium coolant for solar-thermal 1-53559
- Frikkee, E. see Basten, J.A.J. 1-7855
- Friman, A.A. see Suvarov, E.V. 1-25019
- Friman, B.L., Haensel, P. Tensor forces and collective excitations in nuclear matter 1-33229
- Frinak, S. see Bicher, H.I. 1-39889
- Frindt, R.F. see Jericho, M.H. 1-25379
- Frindt, R.F. see Scholz, G.A. 1-30185
- Fripiat, J.G. see Piela, L. 1-29152
- Fripiat, J.J. see Cirillo, A.C., Jr. 1-7966
- Fripiat, J.J. see Nicol, A.T. 1-3277
- Frisardi, T. see Pierson, E.S. 1-53632
- Frisch, H. see Froeschle, C. 1-27370
- Frisch, H.L. Sorption and transport in glassy polymers—a review 1-30561
- Frisch, H.L. see Robinson, B.H. 1-24299
- Frisch, H.L. see Rujan, P. 1-40725
- Frisch, J.-R. Energy horizons of the third world 2000-2020 1-31971
- Frisch, M.J., Krishnan, R., Pople, J.A. A systematic study of the effect of triple substitutions on the electron correlation energy of small molecules 1-6170
- Frisch, P.C. The interstellar material in front of $\chi\text{Ophiuchi}$. II. Ultraviolet observations 1-22857
- Frisch, P.C., Jura, M. Comparisons of interstellar CH^+ and H_2 1-44602
- Frisch, U. see Leorat, J. 1-51878
- Frischat, G.H. Self-diffusion processes in oxide glasses 1-30462
- Frischat, G.H., Schimpf, C. Preparation of nitrogen-containing $\text{Na}_2\text{O}-\text{CaO}-\text{SiO}_2$ glasses 1-43308
- Frischat, G.H. see Franek, H.J. 1-31701
- Frischat, G.H. see Herr, K. 1-20436
- Frischleder, H. see Peinel, G. 1-46058
- Frishtman, A.M. see Borovikov, V.S. 1-12295, 1-21057
- Frishtman, Y., Horsley, R., Wolff, U. Asymptotic behavior and subtraction scheme dependence 1-14241
- Frishtman, Y., Schwimmer, A., Banks, T., Yankielowicz, S. The axial anomaly and the bound-state spectrum in confining theories 1-33166
- Frisillo, A.L., Stewart, T.J. Effect of partial gas/brine saturation on ultrasonic absorption in sandstone 1-22335
- Frisk, G.V., Douth, J.A., Hays, E.E. Bottom interaction of low-frequency acoustic signals at small grazing angles in the deep ocean 1-37667
- Frisoni, M. see Bruno, M. 1-711, 1-28491
- Frisson, L., Lauwers, P., Mertens, R., Van Overstraeten, R., Govaerts, R. Screen printed metallization of silicon solar cells 1-32011
- Frit, B., Mercurio, D. Crystal structure of Ti_2TeO_3 stereochemistry of elements Ti(II) and Te(IV) 1-47064
- Frit, B. see Laval, J.P. 1-15848
- Fritsch, D. see Koch, K.R. 1-53964
- Fritsch, G., Koehler, J.S. Anomalous X-ray transmission in dislocation-free silicon after electron irradiation 1-47114
- Fritsch, G. see Willer, J. 1-52686
- Fritsch, J.M., Chappell, C.F. Numerical prediction of convectively driven mesoscale pressure systems. I. Convective parameterization 1-49336
- Fritsch, J.M., Chappell, C.F. Numerical prediction of convectively driven mesoscale pressure systems. II. Mesoscale model 1-49337
- Fritsch, J.M., Magaziner, E.L., Chappell, C.F. Analytical initialization for three-dimensional numerical models 1-44324
- Fritsche, H.-G. see Dubler, F. 1-51333
- Fritsche, L. see Noffke, J. 1-30623
- Fritts, M.J., Miner, E.W., Griffin, O.M. Numerical calculation of wave-structure interactions 1-19734
- Fritz, J.N. Contributions of shock-wave physics to high-pressure standards 1-32954
- Fritz, L.S. see Langouche, G. 1-16508
- Fritz, P. see Reardon, E.J. 1-49294
- Fritz, R.B. see Mu-King Tsay 1-44262
- Fritz, S.L. see Cook, L.T. 1-9016
- Fritz, T.A. see Konradi, A. 1-17742
- Fritz, W., Huttner, W., Maier, K., Brandt, R. Thermophysical properties of carbon-fibre/carbon-matrix composites at high temperatures 1-2723
- Fritze, P., Grassler, H., Hasert, F.J., Lanske, D., Schulte, R., Seyfert, H.H., Bockmann, K., Geich-Gimbel, C., Nellen, B., Pech, R., Saarikko, H., Bosetti, P.C., Cundy, D.C., Grant, A., Hulth, P.O., Klein, H., Morrison, D.R.O., Nikolic, M., Pagiola, E., Pape, L., Peyrou, C., Schmid, P., Wachsmuth, H., Barnham, K.W.J., Beuselink, R., Butterworth, I., Chima, J., Clayton, E.F., Petrides, A., Powell, K.J., Grossmann, P., Myatt, G., Perkins, D.H., Poppe, M., Radojcic, D., Renton, P., Saitta, B., Bolognese, T., Tallini, B., Velasco, J., Vignaud, D. Further study of the prompt neutrino flux from 400 GeV proton-nucleus collisions using BEBC 1-14431
- Fritzemeier, L., Luton, M.J., McQueen, H.J. Dislocation substructure in dynamic recovery and recrystallization of hot worked austenitic stainless steel 1-12779
- Fritzsch, H. Masses and mass generation in chromo and flavour dynamics 1-14364
- Fritzsch, D. see Klitzing, K.V. 1-52639
- Fritzsch, D. see von Klitzing, K. 1-38857
- Fritzsch, H. Characterization of glow-discharge deposited a-Si:H 1-30589
- Fritzsch, H. Effect of compensation and correlation on conduction near the metal non-metal transition 1-47476
- Fritzsch, H. Defects in semiconducting chalcogenide glasses 1-47568
- Fritzsch, H. see Cohen, M.H. 1-52473
- Fritzsch, H. see Schiff, E.A. 1-47395
- Fritzsch, J.L., Hamilton, J.E., Irving, C.C., Jr., Morris, J.M., Norris, D.W., Rodman, L.E., Smith, V.I., Stabile, G.E., Ward, F.C. Carbon-13 NMR chemical shift—substituent effect correlations in substituted styrenes 1-41402
- Fritzsch, W. Electronic measurement for snow and avalanche 1-32562
- Froben, F.W., Rogge, F. Matrix infrared measurement of TiN 1-51193
- Froben, F.W. see Manzel, K. 1-41383
- Frobese, K., Jackle, J. The electron-phonon coupling constant of amorphous metals 1-34444
- Frobese, K. see Jackle, J. 1-30735
- Frobrich, P. see Arit, U. 1-5796
- Frock, B.G. see Lai, C.K. 1-53379
- Frock, H.N. see Muly, E.C. 1-27924
- Froehle, P.H. see Page, R.J. 1-14657
- Froehlich, R., Maschek, W., Royle, P., Struwe, D. Status of analysis of hypothetical core disruptive accident energetics for licensing of SNR-300 1-50831
- Froehly, C. Optical processing of picosecond laser pulses 1-46415
- Froehly, C. see Piasecki, J. 1-19433, 1-46567
- Froelicher, M. see Blondeau, G. 1-35016
- Froes, F.H., Highberger, W.T. Synthesis of CORONA 5 ($\text{Ti-4.5Al-5Mo-1.5Cr}$) 1-12767
- Froes, F.H., Yoltan, C.F., Chesnutt, J.C., Hamilton, C.H., Highberger, W.T. Design of CORONA 5 ($\text{Ti-4.5Al-5Mo-1.5Cr}$) to meet application 1-48513
- Froes, F.H. see Kelto, C.A. 1-39267
- Froeschle, C., Frisch, H. Broadening of non-LTE lines by a turbulent velocity field with a finite correlation length 1-27370
- Froeschle, C., Scholl, H. The stochasticity of peculiar orbits in the 2/1 Kirkwood Gap 1-36266
- Froeschle, C., Scholl, H. Evolution in orbits in the outer part of the asteroidal belt and in the Kirkwood gaps 1-44468
- Froese, R.G. see Osborn, T.A. 1-27830
- Frogel, J.A. Infrared photometry of the globular cluster associated with NGC 5128 1-22849
- Frogel, J.A., Persson, S.E., Cohen, J.G. Luminosities and temperatures of the reddest stars in three LMC clusters 1-9643
- Frogel, J.A., Persson, S.E., Cohen, J.G. Photometric studies of composite stellar systems. IV. Infrared photometry of globular clusters in M 31 and a comparison with early-type galaxies 1-22842
- Frogel, J.A. see Cheung, L.H. 1-13823
- Frogel, J.A. see Elias, J.H. 1-44636
- Frogel, J.A. see Elliot, J.L. 1-40417
- Frogel, J.A. see Persson, S.E. 1-22877
- Frogel, J.A. see Richer, H.B. 1-44635
- Froberg, M.G., Betz, G. The measurement of heats of solution of high melting metallic systems in an electromagnetic levitation field 1-7333

- Frohberg, M.G. *see* Betz, G. 1-20423
- Frohlich, B. *see* Dietrich, W. 1-16499
- Frohlich, C., Buskirk, R.E. Can fish detect seismic waves? 1-4302
- Frohlich, D., Kenkels, R., Uihlein, Ch. Two-photon spectroscopy on even parity excitons 1-48107
- Frohlich, F. *see* Berg, G. 1-20256, 1-30273
- Frohlich, F. *see* Berg, K.-J. 1-7186
- Frohlich, H. *see* Treu, W. 1-23618
- Frohlich, J. Some comments on the crossover between strong and weak coupling in SU(2) pure Yang-Mills Theory 1-28193
- Frohlich, J. On the construction of quantized gauge fields 1-28206
- Frohlich, J., Morchio, G., Strocchi, F. Higgs phenomenon without a symmetry breaking order parameter 1-18377
- Frohlich, J., Yong Moon Park Correlation inequalities and the thermodynamic limit for classical and quantum continuous systems. II. Bose-Einstein and Fermi-Dirac statistics 1-44836
- Frohlich, K. Experimental investigation of low-current vacuum arc instabilities 1-34149
- Frohling, W., Winscom, C.J., Dinse, K.P., Mubius, K. High-resolution ODMR spectroscopy of phenazine in single crystal and polycrystalline host matrices 1-12430
- Frohly, J. *see* Lefebvre, J. 1-24563
- Frohmader, K.P., Baumbauer, L. Comparison of Thai's theory with experimental boron doping profiles in silicon, diffused from boron nitride sources 1-11783
- Froidvaux, D. *see* Bourquin, M. 1-10276
- Froidvaux, L., Ingersoll, A.P. Temperatures and optical depths of Saturn's rings and a brightness temperature for Titan 1-40409
- Frois, B. *see* Goutte, D. 1-14443
- Froissart, F., Houtedeck, A.J. Conductivity of tin-doped thin polytetrafluoroethylene films 1-34816
- Frolev, A.M. *see* Maishev, V.A. 1-25348
- Frolich, D. *see* Mlynec, J. 1-40868
- Frolkina, I.V. *see* Loshchinin, Yu.V. 1-52308
- Frolking, S.E. *see* Havey, M.D. 1-24160
- Frolov, A. *see* Abouliaev, A.Sh. 1-51957
- Frolov, A.M., Maishev, V.A., Arakelyan, E.A., Armaganian, A.A., Avakyan, R.O., Bayatyan, G.L., Grigoryan, N.K., Kechechyan, A.O., Knyazyan, S.G., Margaryan, A.T., Matevosyan, E.M., Mirzoyan, R.M., Stepanyan, S.S., Vartanyan, G.S., Vartapetyan, G.A., Kolesnikov, L.Ya., Rubashkin, A.L., Sorokin, P.V. Polarized photons from a silicon crystal in a 31 GeV electron beam at the Serpukhov proton accelerator 1-28771
- Frolov, A.M. *see* Aleksov, V.K. 1-20788
- Frolov, A.M. *see* Aleksandrov, Yu.A. 1-5634
- Frolov, A.M. *see* Marov, M.Ya. 1-4802
- Frolov, A.V. *see* Aleksov, V.K. 1-6508, 1-19302, 1-24373
- Frolov, B.A. *see* Borman, V.D. 1-11424
- Frolov, D.I. *see* Vettegren, V.I. 1-12859
- Frolov, F.Ya. *see* Pavlov, S.A. 1-44887
- Frolov, I.V. Quantum fluctuations of instantons in generalized nonlinear σ models 1-50334
- Frolov, S.G. *see* Bezruchenkova, T.M. 1-4725
- Frolov, V.A. *see* Aleksov, V.K. 1-24373
- Frolov, V.F., Vernikov, E.M., Savkov, E.S. Calculation of parameters of heat pipe with convective heat transfer 1-50124
- Frolov, V.I. *see* Mikhailenko, A.V. 1-29693
- Frolov, V.I. *see* Mostovoi, G.E. 1-48407
- Frolov, V.P., Serebriy, E.M. Quantum effects in systems with accelerated mirrors. II. Electromagnetic field 1-5184
- Frolov, V.P., Zel'nikov, A.I. The massless scalar field around a static black hole 1-9560
- Frolov, V.P. *see* Borzeshkowsky, H.-H. 1-152
- Frolov, V.P. *see* Bukhbinder, I.L. 1-50353
- Frolov, V.V. *see* Nikolav, A.F. 1-12794
- Frolov, V.V. *see* Zukov, A.A. 1-8498
- Frolov, Yu.G. *see* Balayan, G.G. 1-40888
- Frolov, Yu.K. *see* Iljin, Yu.S. 1-28063
- Frolova, A.D. *see* Nevskii, L.B. 1-38033
- Frolova, E.K. *see* Odulov, S.G. 1-29238
- Frolova, G.M. *see* Ismailov, G.I. 1-8254
- Frolova, G.M. *see* Pavlov, Yu.M. 1-37771
- Frolova, R.N. *see* Arkhipova, V.I. 1-4139
- Frolova, T.M., Efimov, Yu.V., Savitsky, E.M. The crystal structure and Tc of equilibrium and metastable alloys and compounds 1-34840
- Frolova, V.P. *see* Afanas'eva, V.A. 1-12711
- Frolova, T.M. *see* Savitsky, E.M. 1-34821
- Frol'tsov, M.S. *see* Sil'man, G.I. 1-48389
- Froman, N., Yngve, S. On the calculation of phase shifts produced by complex potentials 1-122
- Fromberg, A.A. *see* Il'in, A.S. 1-5296
- Frome, F.S., Buck, S.L., Boynton, R.M. Visibility of borders. Separate and combined effects of color differences, luminance contrast, and luminance level 1-53789
- Fromel, G. Extraction of objects from structured backgrounds in the cat superior colliculus. I 1-17398
- Fromel, G. Extraction of objects from structured backgrounds in the cat superior colliculus. II 1-17399
- Froment, M. *see* Epelboin, I. 1-21869
- Fromberg, P. Micelle structure: a surfactant-block model 1-39688
- Frombold, A.T., Jr., Baker, M. Oxide growth in an RF plasma 1-43598
- Fromm, B., Paul, W., Teubner, W. Electrical properties of thin sputtered amorphous GeSe films 1-2986
- Fromm, E.O., Landow, M.P., Perrin, J.S. Remote Charpy V-notch impact testing of pressure vessel steels 1-53390
- Fromm, H. *see* Wischniewski, I.N. 1-18605
- Fromm, R. *see* Euler, K.J. 1-47609
- Fromme, J.A., Goleberg, M.A. Reformulation of Possio's kernel with application to unsteady wind tunnel interference 1-19850
- Frommeyer, G., Wolitz, K. Acoustic emission analysis of the martensitic $\gamma \rightarrow \alpha$ transformation of Fe-30 Ni 1-8306
- Frommhold, L., Proffitt, M.H. The polarized Raman spectrum of the argon diatom 1-45972
- Frommhold, L. *see* Proffitt, M.H. 1-19106
- Fromont, M. *see* Ducroux, R. 1-5846
- Fromisz, W., Hyde, J.S. Broadening by strains of lines in the g-parallel region of Cu²⁺ EPR spectra 1-7938
- Fronek, K., Fung, Y.C. Mechanical properties of arteries as a function of topography and age 1-39947
- Frossdal, C. *see* Fang, J. 1-5216
- Frossdal, C. *see* Flato, M. 1-18374
- Fronehouse, D.C., Heath, W.B., Smith, D.M., Shively, F.T. Simulation studies of infrared signatures from remote aerosols 1-27250
- Frood, D.G. *see* Lal, P. 1-29888
- Frosch, A., Wagner, D. Vernier scale 1-18194
- Frosch, R. *see* Evseev, V.S. 1-50658
- Frosien, J., Anger, K., Lischke, B., Oelmann, A., Munchmeyer, W., Schmitt, R. New concepts for realising an electron beam projection system 1-400
- Frossati, G. Observation of strongly polarized liquid and solid ³He using the Castaing-Noziers effect and Pomeranchuk cooling 1-2745
- Frossati, G., Saint Paul, M. Dielectric relaxation phenomena in smoky quartz at very low temperatures 1-31085
- Frossati, G. *see* Godfrin, H. 1-2753, 1-2769
- Frossati, G. *see* Hebral, B. 1-16127, 1-20508, 1-34541
- Frossati, G. *see* Isnard, R. 1-21121
- Frost, D.C. *see* Hengrasme, S. 1-2790
- Frost, G. *see* Barber, D.P. 1-5635, 1-28329, 1-28330
- Frost, H.J., Ashby, M.F., Spaepen, F. A first report on a systematic study of tilt-boundaries in hard-sphere FCC crystals 1-15905
- Frost, H.J. *see* Boudreaux, D.S. 1-47010
- Frost, L.S. *see* Lee, A. 1-15696, 1-34156
- Frost, M.M., Nudelmann, S., Oviit, T.W., Roehrig, H., Capp, M.P., Fisher, H., Ouimette, D. Digital acquisition system for photo-electronic radiology—a performance overview 1-43972
- Frost, R., Gai, P.L. Oxidation reactions in natural Fe-Ti oxide spinels 1-3942
- Frost, R.L. *see* Rushforth, C.K. 1-41608, 1-51389
- Frouhar, A. *see* Wiley, J.D. 1-26156
- Frova, A. *see* Modesti, S. 1-47696
- Frowein, J., Reuter, K. Master-slave dose-rate monitoring system with ionization chambers for high reliability 1-937
- Froyen, S. Addendum to 'Universal linear-combination-of-atomic-orbitals parameters for d-state solids' 1-12015
- Fruchart, D., Bacmann, M., Chaudouet, P. Structure of cobalt manganese phosphide 1-15866
- Fruchart, D., Commandre, M., Sauvage, D., Rouault, A., Tellgren, R. Structural and activation process studies of Fe-Ti-like hydride compounds 1-20123
- Fruchart, D., Rouault, A., Shoemaker, C.B., Shoemaker, D.P. Neutron diffraction studies of the cubic ZrCr₂D₂ and ZrV₂D₂ (H₂) phases 1-7136
- Fruchart, D. *see* Commandre, M. 1-20120
- Fruchart, D. *see* Rossat-Mignod, J. 1-34330
- Fruczek, M. *see* Derentowicz, H. 1-37968
- Fruehmoegen, P. *see* Demling, L. 1-49159
- Frueholz, R.P. *see* Gelbwachs, J.A. 1-29100
- Frub, R. *see* Sahin, S. 1-884
- Fruehmoegen, P. *see* Bodem, F. 1-4383
- Fruehwirth, R. *see* Fidecaro, G. 1-591
- Frulikawa, H., Tamagaki, R. Neutron Cooper pair of ²P₂-dominant pairing with two-dimensional character under the ALS structure 1-45444
- Frukawa, H. *see* Tamagaki, R. 1-54540
- Frullani, S. *see* Barreau, P. 1-28471
- Frullani, S. *see* Bernheim, M. 1-45495
- Frullani, S. *see* Federici, L. 1-29240
- Frullani, S. *see* Jans, E. 1-28470
- Fruman, D.H., Galivel, P. Near-field viscoelastic effects during thin-slit drag-reducing polymer ejection 1-24851
- Frumar, M. *see* Koudelka, L. 1-31141
- Frumento, C. *see* Diaz, R. 1-22159
- Frumin, L.L. *see* Probozhenskii, N.G. 1-51260
- Frumkin, V.D. *see* Kiparenko, V.I. 1-291
- Fruneau, M. *see* Raisbeck, G.M. 1-32468
- Frungel, F., Koch, C. A new in situ fluorometer for the measurement of fluorescent tracer substances with an exact logarithmic response over four decades 1-13606
- Frunthaler, F.J. *see* Grunthaler, P.J. 1-16378
- Frunza, S. *see* Baltog, I. 1-21246
- Frupip, D.J. *see* Curtiss, L.A. 1-8540
- Fruwert, J. *see* Muller, R. 1-31143
- Fry, C.G. *see* Walker, T.W. 1-37530
- Fry, E.S. *see* Bottiger, J.R. 1-6485
- Fry, F.J. *see* Goss, S.A. 1-51651
- Fry, F.J. *see* Smith, W.L. 1-53843
- Fry, G.A. *see* Roesch, S. 1-17394
- Fry, G.W. *see* Bierschbach, J.A. 1-10006
- Fry, J.L. *see* Brenner, N.E. 1-7546
- Fry, J.N., Olive, K.A., Turner, M.S. Evolution of cosmological baryon asymmetries. II. The role of gauge bosons 1-27642
- Fry, J.N., Olive, K.A., Turner, M.S. Evolution of cosmological baryon asymmetries. II. The role of Higgs bosons 1-27643
- Fry, J.N., Olive, K.A., Turner, M.S. Hierarchy of cosmological baryon generation 1-32784
- Fry, J.R. *see* Bergier, A. 1-10275
- Fry, J.R. *see* Evangelista, C. 1-45354
- Fry, R.C. *see* Hughes, S.K. 1-43718
- Fry, R.C. *see* Mohamed, N. 1-50216
- Fry, S.M. The consumer laser. A HeNe update 1-24445
- Fry, W.E. *see* Bruhn, J.A. 1-54184
- Fryar, J. *see* McKinley, A. 1-8456
- Fryatt, A. Laser uses in measurement and control 1-19345
- Fryazinova, G.N. *see* Verlotskii, A.A. 1-35284
- Fryba, L. Estimation of fatigue life of railway bridges under traffic loads 1-6829
- Fryburg, G.C. *see* Smith, S.R. 1-3982
- Frydkjaer, S., Muus, L.T. CIDEP and kinetics of 1,4-naphthoquinone radicals during photoreduction 1-13022
- Frydkjaer, S. *see* Hore, P.J. 1-31876
- Frydkjaer, S. *see* Thirup, G. 1-309
- Frye, J.W. A functional for finite element analysis of low intensity magnetic fields including permanent magnetization effects 1-51340
- Frye, K., Nickel, H. Characterisation of ceramic materials with the aid of small-angle X-ray scattering 1-35262
- Frye-Osier, J.L. *see* Vivion, M.C. 1-43883
- Fryer, B.J. *see* Jenner, G.A. 1-40083
- Fryer, G.J. A slowness approach to the reflectivity method of seismogram synthesis 1-27083
- Frymoyer, J.W. *see* Wilder, D.G. 1-22052
- Fryxell, B.A. *see* Da Costa, L.N. 1-40542
- Fritzsch, H. Determination of the density of gap states: field effect and surface adsorption 1-30613
- Fu, C.Y., Van Duzer, T. A new lead alloy for Josephson junctions 1-47810
- Fu, K.S., Mui, J.K. A survey on image segmentation 1-35861
- Fu, L.S. Creep crack growth in technical alloys at elevated temperature—a review 1-3879
- Fu Shin-Cheng *see* Shin-Cheng Fu
- Fu Shu-fen *see* Chen Jian-wen 1-6546
- Fu Shufen *see* Chen Jianwen 1-37464
- Fu Su Chun *see* Chun Fu Su
- Fu Tao-Yi *see* Tao-Yi Fu
- Fu Tsang Chin *see* Chin Fu Tsang
- Fu Wang *see* Wang Fu
- Fu Weiping *see* Pei Rongxiang 1-23332
- Fu Yixian Effect of solar radiation on climatic variation 1-27246
- Fu Zheng-ming *see* Tang Di-sheng 1-53160
- Fu-chia Yang *see* Yang Fu-chia
- Fu-jia Yang *see* Yang Fu-jia
- Fu-Jiu Ke *see* Ke Fu-Jiu
- Fu-Kang, F. Variational calculation of lower excited states in a chemical bistable system 1-17026
- Fu-ke Pu *see* Pu Fu-ke
- Fu-Ming Chen, Smith, H.E. CNDO/S CI rotational strength calculations for (S)-1-methylindan 1-28943
- Fu-Ming Huang *see* Huang Fu-Ming
- Fu-quan Pu *see* Pu Fu-quan
- Fu-shen Han *see* Han Fu-shen
- Fu-sheng Ma *see* Ma Fu-sheng
- Fu-Tian Fan *see* Fan Fu-Tian
- Fu-xing Hu *see* Hu Fu-xing
- Fu-Ye Qian *see* Qian Fu-Ye
- Fubini, S. *see* de Alfaro, V. 1-18091, 1-18356
- Fuchi, H. *see* Ushida, N. 1-546
- Fuchi, K. *see* Tazaka, S. 1-22654
- Fuchs, B., Thielheim, K.O. The dispersion of a group of stars in the gravitational field of a spiral galaxy 1-32730
- Fuchs, F., Demchak, P., Tai, H.T., Li, C.C. Use of pattern recognition techniques to study sarcomere dynamics in striated muscle 1-4402
- Fuchs, G., Nicolai, A. Computer modelling of the Tokamak scrape-off layer including secondary-electron emission and sheath potential at the limiter 1-11524
- Fuchs, G., Steffen, B. A fast method to calculate flux surfaces, applied to study helical island structures 1-24991
- Fuchs, H. *see* Homeyer, H. 1-50649

- Fuchs, H. *see* Roynette, J.C. 1-45533
 Fuchs, H. *see* von Oertzen, W. 1-23702
 Fuchs, N.H. Axial vector current divergences and the pseudoscalar meson spectrum 1-18443
 Fuchs, N.H. Chiral perturbation and the U(1) problem 1-40945
 Fuchs, P. *see* Ower, H. 1-45397
 Fuchs, P. *see* Piercey, R.B. 1-41030
 Fuchs, R. Heat capacities of liquid ketones and aldehydes at 298K 1-52306
 Fuchs, R., Peacock, L.A., Das, K. Enthalpies of interaction of polar and nonpolar solutes with a perfluoro solvent 1-53451
 Fuchssteiner, B. Comparison of the two-soliton collision for several nonlinear evolution equations 1-18037
 Fucuguchi, J.U. Palaeointensity determination and K-Ar dating of the Tertiary north-east Jalisco volcanics (Mexico) 1-27056
 Fueki, K. *see* Kitazawa, K. 1-16162, 1-20526
 Fueki, K. *see* Tani, T. 1-38875
 Fueki, K. *see* Tsuiki, H. 1-38817
 Fueno, T. *see* Kajimoto, O. 1-31829
 Fuentes, B. *see* Avilez, C. 1-54088
 Fuentes-Samaniego, R., Nix, W.D. Appropriate diffusion coefficients for describing creep processes in solid solution alloys 1-47154
 Fuentes-Samaniego, R., Nix, W.D., Pound, G.M. Vacancy and substitutional solute distribution around an edge dislocation in equilibrium and in steady-state glide motion 1-20203
 Fues, W. *see* de Boer, W. 1-14744
 Fuyayeva, T.G. *see* Abdullayev, A.G. 1-34624
 Fugen Chou *see* Chou Fugen
 Fuggle, J.C., Alvarado, S.F. Core-level lifetimes as determined by X-ray photoelectron spectroscopy measurements 1-6218
 Fuggle, J.C., Campagna, M., Zolnierik, Z., Lasser, R., Plateau, A. Observation of a relationship between core-level line shapes in photoelectron spectroscopy and the localization of screening orbitals 1-16661
 Fuggle, J.C., Martensson, N. Core-level binding energies in metals 1-30130
 Fuggle, J.C. *see* Lasser, R. 1-8191, 1-48231
 Fugmann, S. Some aspects on the production of synthetic holograms using Lee's grey step method 1-10939
 Fugo, I.Ya. *see* Poltoratski, Yu.B. 1-43154
 Fugol', I.Ya. *see* Grigorashchenko, O.N. 1-3451
 Fugono, N. *see* Hayashi, R. 1-49313
 Fuhr, J.R. *see* Holys, A. 1-10684
 Fuhr, J.R. *see* Miller, B.J. 1-13945
 Fuhrer, K. *see* Schwiertz, G. 1-43948
 Fuhrmann, W. Method of provoked short circuits—an aid to measure lubrication films 1-23175
 Fuhs, W. *see* Hauschildt, D. 1-30853
 Fuhs, W. *see* Weiser, G. 1-20642
 Fujara, F. *see* Butler, W. 1-2528
 Fujara, F. *see* Furrer, R. 1-7934, 1-8586
 Fujara, F. *see* Heijmans, P. 1-31054
 Fujii, H. *see* Okamoto, T. 1-34866
 Fujii, G. *see* Nagano, H. 1-44922
 Fujii, H., Hashimoto, Y., Okamoto, T. Magnetic properties of Tb-Er single crystal alloys 1-25896
 Fujii, H., Ohtsuka, Y. Rotational filtering for randomly oriented pattern recognition 1-51382
 Fujii, H. *see* Aihara, H. 1-45336
 Fujii, H. *see* Deka, M. 1-51370
 Fujii, H. *see* Fujiwara, H. 1-30941
 Fujii, H. *see* Iwata, N. 1-12267, 1-52756
 Fujii, H. *see* Yoshino, K. 1-31089
 Fujii, I., Kashiwara, H., Shibahara, I. Hot cell complex for fuels and materials development of FBR in Japan 1-763
 Fujii, K. Symmetry properties of the ring Heisenberg Hamiltonian and new sum rule for its energy eigenvalues 1-20937
 Fujii, K., Nakayama, Y., Imai, K., Nakano, M. Group of Rayleigh waves transmitted across a trench on the surface of elastic half-space. I 1-27090
 Fujii, K., Satou, T., Satou, M., Okano, H. The use of distributed microprocessors for sodium preheating system 1-50918
 Fujii, K., Takahashi, T. Constant current characteristics in white light lasers 1-24403
 Fujii, K., Takimoto, T., Nakayama, Y., Nakano, M. Group of Rayleigh waves transmitted across a trench on the surface of elastic half-space. II 1-27091
 Fujii, K. *see* Abe, Y. 1-33178
 Fujii, K. *see* Imai, H. 1-8564
 Fujii, K. *see* Otake, M. 1-46370
 Fujii, K. *see* Washizu, K. 1-24730
 Fujii, M., Kidoguchi, S. On an identification of a steam generator dynamics of a fast breeder reactor 1-28519
 Fujii, M. *see* Fujii, T. 1-15362, 1-15469
 Fujii, M. *see* Itoh, Y. 1-16576
 Fujii, M. *see* Nishimura, J. 1-22505
 Fujii, N. *see* Miyaji, H. 1-8604
 Fujii, N. *see* Wakita, H. 1-49228
 Fujii, S. *see* Iijima, S. 1-44074
 Fujii, T., Fujii, M., Koyama, S. Experimental study of free convection heat transfer from an inclined thin wire to air 1-15362
 Fujii, T., Fujii, M., Matsunaga, T. Laminar free convection boundary layer around a horizontal circular cylinder—Local similarity and finite difference solution for relatively large Rayleigh number range 1-15469
 Fujii, T., Fuwa, K. Development of a spark source quadrupole mass spectrometer 1-14207
 Fujii, T., Honda, H., Oda, K. On the 'wrinkled film' condensation 1-16034
 Fujii, T., Kumosaki, K., Inoue, M. Twisted spin configuration of a planar 18⁰-domain wall in magnetic bubble films 1-12371
 Fujii, T. *see* Aihara, H. 1-45336
 Fujii, T. *see* Akagawa, K. 1-24865
 Fujii, T. *see* Amijima, S. 1-31610
 Fujii, T. *see* Hiayamizu, S. 1-12660, 1-34775
 Fujii, T. *see* Kanou, K. 1-26639
 Fujii, T. *see* Ohba, Y. 1-31479
 Fujii, T. *see* Shimada, M. 1-11539
 Fujii, T. *see* Shiomi, T. 1-7921
 Fujii, T. *see* Shun-ichiro Karato 1-22329
 Fujii, T. *see* Suzuki, N. 1-25039
 Fujii, T. *see* Uehara, K. 1-38086
 Fujii, Y. On the charge-mass relation in the extended Kaluza-Klein theories 1-23088
 Fujii, Y., Kanematsu, F., Koshikawa, T., Sugata, E. Surface analysis of Cu-Be dynode 1-7434
 Fujii, Y., Moritani, A., Nakai, J. Photoacoustic spectroscopy theory for multi-layered samples and interference effect 1-47175
 Fujii, Y., Ohta, N., Taniguchi, H. On the definitions of γ_2 in continuous dimensions 1-33097
 Fujii, Y., Sano, K. Polarization transmission characteristics of optical fibers with elliptical cross-section 1-1718
 Fujii, Y., Shimomura, O., Takemura, K., Hoshino, S., Minomura, S. High-pressure X-ray diffractometer using a position-sensitive detector combined with a diamond-anvil cell 1-28148
 Fujii, Y. *see* Harada, K. 1-28042
 Fujii, Y. *see* Kobayashi, N. 1-31925
 Fujii, Y. *see* Mitomo, M. 1-12797
 Fujii, Y. *see* Saito, S. 1-39860
 Fujii, Y. *see* Sakaki, H. 1-24537
 Fujii, Y. *see* Takemura, K. 1-20316, 1-34476
 Fujii-E, Y. *see* Itoh, Y. 1-38104
 Fujikata, K. *see* Ueda, H. 1-37727
 Fujikawa, S. *see* Owens, E. 1-4296
 Fujikawa, T., Kuroda, H. Photoionization cross section calculated by dynamical theory 1-1288
 Fujiki, O., Takagi, K., Hiramatsu, K., Yamamoto, T. Effects of wind and temperature profiles on sound propagation 1-1752
 Fujiki, Y., Ohta, N. The flux growth reactions of potassium tetratitanate ($K_2Ti_4O_{13}$) fibers 1-21722
 Fujimaki, Y. *see* Ishiwata, T. 1-33069
 Fujimaki, Y., Shimizu, I., Kokado, H. Studies on amorphous chalcogenide/PVK photoreceptors. II. Continuous light mode measurements of photoinjection currents 1-34739
 Fujimaki, Y., Shimizu, I., Kokado, H. Photoinjection barriers at chalcogenide/Se interfaces 1-42851
 Fujimori, A., Ishii, M., Tsuda, N. Raman study of the 250K phase transition in cerium hydride 1-16567
 Fujimori, A., Minami, F., Akahane, T., Tsuda, N. Valence band spectra of ReO_3 1-26358
 Fujimori, A., Minami, F., Tsuda, N. Electronic structure of cerium hydrides: augmented-plane-wave linear-combination-of-atomic-orbitals energy bands 1-20627
 Fujimori, A., Nozaki, H., Kimizuka, N., Tsuda, N., Tahara, K., Nagasawa, H. Electronic states of hydrogen in H_2ReO_3 : energy bands and proton Knight shift 1-21069
 Fujimori, A., Tsuda, N. Surface-enhanced electron-phonon coupling and irreversible reconstruction of $MgO(001)$ 1-20529
 Fujimori, A., Tsuda, N. Electron-phonon interaction and composition-dependent phonon anomaly in CeH_3 1-42485
 Fujimori, H., Yoshimoto, H., Morita, H. Anomalous eddy current loss in amorphous magnetic thin sheets and its improvement 1-12351
 Fujimori, H. *see* Obi, Y. 1-12284
 Fujimori, S. Carbon thin film preparation by laser evaporation [and characterisation] 1-31364
 Fujimori, S., Nagai, K. The effect of ion bombardment on carbon films prepared by laser evaporation 1-53094
 Fujimoto, A., Watanabe, Y. Conserved densities of the fifth-order Korteweg-de Vries equation 1-18038
 Fujimoto, F. *see* Iwami, M. 1-26344
 Fujimoto, F. *see* Komaki, K. 1-47128
 Fujimoto, H., Udagawa, M., Obara, M., Fujioka, T. A new method for enhancing the output energy of pulsed HF chemical laser 1-1556
 Fujimoto, H. *see* Hada, H. 1-35558
 Fujimoto, H. *see* Saji, M. 1-20470
 Fujimoto, H. *see* Takeda, H. 1-23829
 Fujimoto, M. Diffusion of stellar orbits and velocities by random gravitational forces of short duration. Application to the giant CO clouds 1-4909
 Fujimoto, M. *see* Kariya, K. 1-22534
 Fujimoto, M. *see* Nakano, Y. 1-15185
 Fujimoto, M. *see* Sofue, Y. 1-27602
 Fujimoto, M. *see* Takanashi, H. 1-51638
 Fujimoto, S., Yasuda, N., Takagi, K., Narayanan, P.S., Bhat, H.L. The relation between polarisation and electric field for trisarcosine calcium chloride 1-8011
 Fujimoto, T. Kinetics of ionization-recombination of a plasma and population density of excited ions. III. Recombining plasma—high-temperature case 1-11514
 Fujimoto, T. Kinetics of ionization-recombination of a plasma and population density of excited ions. IV. Recombining plasma—low-temperature case 1-15593
 Fujimoto, T., Yamaguchi, N., Mizui, J.-I., Kato, T., Fujita, J. X-ray spectroscopy of the central luminous region of a laser-produced aluminium plasma 1-46859
 Fujimoto, T. *see* Endo, K. 1-26580
 Fujimoto, T. *see* Hamano, K. 1-39046
 Fujimoto, T. *see* Mine, K. 1-27987
 Fujimoto, T. *see* Ueda, K. 1-6187, 1-19054
 Fujimoto, Y. The generalized Kobayashi-Maskawa mixing matrix 1-10119
 Fujimoto, Y. *see* Kusaka, Y. 1-49291
 Fujimoto, Y. *see* Lattes, C.M.G. 1-14437
 Fujimura, M. *see* Kawai, H. 1-34253
 Fujimura, T., Hori, K. The sintering process of mixtures of cross-linked polyethylene and low-density polyethylene 1-39262
 Fujimura, T., Matsui, Y. Effectiveness of an adaptive acceleration method for inner iterations in some neutron diffusion codes 1-45565
 Fujimura, T., Suzuki, H., Yamada, K., Iwakura, K. Effect of elongational flow on the continuous processing of high-modulus polyethylene 1-8266
 Fujimura, T. *see* Yamada, H. 1-7971
 Fujimura, Y. *see* Araki, H. 1-26493
 Fujimura, Y. *see* Kono, H. 1-1277
 Fujimura, Y. *see* Seo, K. 1-6264
 Fujinaga, T. *see* Hinoe, T. 1-45033
 Fujinaga, Y. AES analysis on the (001) Cu-Pd alloy surface as observed by LEED 1-25538
 Fujinaka, H., Kinomura, N., Miyamoto, Y., Kume, S., Koizumi, M. Synthesis of pyrochlore-type compounds at high pressure and oxidation atmosphere 1-35227
 Fujino, K. *see* Sasaki, S. 1-7140
 Fujino, M., Taira, S. Effect of thermal cycle on low cycle fatigue life of steels and grain boundary sliding characteristics 1-39453
 Fujino, N. *see* Shiraawa, T. 1-34046
 Fujino, S. *see* Matsui, J. 1-54511
 Fujino, T., Tagawa, H., Adachi, T. On some factors affecting the nonstoichiometry in U_3O_8 1-50757
 Fujino, Y. *see* Murakami, I. 1-52327
 Fujino, Y. *see* Takahashi, J. 1-12602
 Fujioka, G. *see* Ushida, N. 1-546
 Fujioka, K. *see* Hamuro, K. 1-44158
 Fujioka, M., Shibuya, S. Detectability of a resonance curve of Lorentz or dispersion type 1-28839
 Fujioka, T. *see* Arai, T. 1-46379
 Fujioka, T. *see* Fujimoto, H. 1-1556
 Fujioka, T. *see* Matsumoto, K. 1-11015, 1-19353
 Fujioka, T. *see* Obara, M. 1-33662
 Fujioka, T. *see* Saito, S. 1-37456
 Fujioka, T. *see* Watanabe, K. 1-19352, 1-41726
 Fujioka, Y. *see* Watanabe, Y. 1-48936
 Fujisaki, H., Higuchi, N. Temporal organization of segmental features in Japanese disyllables 1-6725
 Fujisaki, H., Yang, S.-K. Trajectory function of the bare pomerion in the higher rank cylinder amplitude 1-526
 Fujisaki, H. *see* Akiba, E.-I. 1-5654
 Fujisaki, H. *see* Kashiwabara, M. 1-6571
 Fujisaki, M. *see* Antreasyan, D. 1-10287
 Fujisawa, A. *see* Hara, H. 1-41724, 1-46366
 Fujisawa, I. Type conversion of InSb from p to n by ion bombardment and laser irradiation 1-21312
 Fujisawa, K., Shiomi, T., Hamada, F., Nakajima, A. Theoretical consideration on the number of external degrees of freedom and its application to poly(dimethylsiloxane) solutions 1-42288
 Fujisawa, K. *see* Shiomi, T. 1-26765
 Fujisawa, N. *see* Maeno, M. 1-29912
 Fujisawa, N. *see* Matsuzaki, Y. 1-2226
 Fujisawa, N. *see* Nagami, M. 1-15637
 Fujisawa, N. *see* Sakamoto, Y. 1-29922, 1-29941
 Fujisawa, N. *see* Shimada, M. 1-11539
 Fujisawa, N. *see* Suzuki, N. 1-25039
 Fujisawa, N. *see* Uehara, K. 1-38086
 Fujisawa, N. *see* Yokokura, K. 1-27999
 Fujisawa, T. *see* Ohnuma, H. 1-18635
 Fujisawa, Y., Kasai, H., Kawamura, M. On the electron density measurements of electron currents with the use of the Compton effect 1-35112
 Fujishima, A. *see* Inoue, T. 1-4099
 Fujishima, H. *see* Kohmoto, O. 1-3230

- Fujishiro, M., Satoh, Y., Okamoto, K., Tsujimoto, T. Measurement of the crossover E4 transition (2009.8 keV) in ^{46}Ti 1-33236
- Fujishiro, S., Eylon, D. Improvement of Ti alloy fatigue properties by Pt ion plating 1-8425
- Fujishiro, S. *see* Eylon, D. 1-31686
- Fujishiro, T. *see* Wakamatsu, S. 1-5830
- Fujishita, H. *see* Tanaka, M. 1-25212
- Fujishita, M. *see* Kawabata, K. 1-4871
- Fujita, F.E. Mossbauer spectroscopy of metals and alloys 1-21094
- Fujita, F.E. *see* Hamada, T. 1-47776
- Fujita, F.E. *see* Oshima, R. 1-43045
- Fujita, H., Hashimoto, K., Tabata, T. Initial stages of crystallization in amorphous Fe-B and Ni-B alloys 1-20068
- Fujita, H., Hoegger, B., Kuhne, G., Schneider, H., Vaucher, B.G. Resonance cone technique for density measurement in a microwave discharge plasma 1-19957
- Fujita, H., Okada, S., Fujita, K., Sakamoto, H., Higashi, K., Hyodo, T. Ratio of permeabilities of tritium to protium through palladium-alloy membrane 1-19799
- Fujita, H., Tanaka, M., Miyagawa, O. Effect of the microstructure on the deformation and fracture behavior of an austenitic heat resisting steel 1-26538
- Fujita, H., Uchida, S. A new development in the method of measurement of reciprocity-law failure and its application to screen/green-sensitive X-ray film systems 1-43952
- Fujita, H. *see* Tabata, T. 1-8382
- Fujita, H. *see* Uchida, S. 1-53873
- Fujita, J. Plasma diagnostics on JIPP T-II stellarator/tokamak 1-19967
- Fujita, J. *see* Fujimoto, T. 1-46859
- Fujita, J. *see* Ohkubo, K. 1-11576, 1-46902
- Fujita, J. *see* Yamanaka, M. 1-19970
- Fujita, K., Kimura, M. Band shapes of Fermi resonance spectra 1-33448
- Fujita, K., Yamashita, H., Takeuchi, S., Nakajima, F. Cobalt adsorption in high temperature water using titanium oxide supported on alumina 1-53468
- Fujita, K. *see* Fujita, H. 1-19799
- Fujita, K. *see* Hibi, S. 1-43358
- Fujita, M., Nakamura, K., Nakai, Y. Movement of iodine ions in KCl: I under UV-light irradiation 1-21237
- Fujita, M., Shinozuka, T., Ihara, T., Furuhashi, Y., Inuki, H. ETS-II experiments. IV. Characteristics of millimeter and centimeter wavelength propagation 1-17656
- Fujita, M. *see* Awaka, J. 1-17726
- Fujita, M. *see* Nakatsuka, H. 1-46461
- Fujita, N. *see* Ishiguro, K. 1-780
- Fujita, N. *see* Nitta, Y. 1-8711
- Fujita, R.K. *see* Mandell, D.A. 1-28548
- Fujita, S., Bedair, S.M., Littlejohn, M.A., Hauser, J.R. Doping characteristics and electrical properties of Be-doped p-type $\text{Al}_x\text{Ga}_{1-x}\text{As}$ by liquid phase epitaxy 1-15914
- Fujita, S., Blaisten-Barojas, E., Godoy, S.V. The helix-coil transition based on correlated walks 1-39879
- Fujita, S., Okamura, Y., Blaisten, E., Godoy, S.V. Study of a Lorentz-gas based on correlated walks 1-23118
- Fujita, S. *see* Choi, S.D. 1-52846
- Fujita, S. *see* Yoshida, T. 1-46302
- Fujita, T. Stresses around a deep spherical pit bored at a free surface of a semi-infinite body under uniform tension. II 1-33898
- Fujita, T., Bowyer, J.M., Gajanana, B.C. Comparison of advanced engines for parabolic dish solar thermal power plants 1-48898
- Fujita, T., Hattori, S. Stationary random vibration of a nonlinear system with collision 1-9822
- Fujita, T., Nakahara, M., Ohmi, T., Tsuneto, T. A-B transition in superfluid helium-3 film 1-7407
- Fujita, T., Tsuchida, E. Stresses around a deep spherical pit bored at a free surface of a semi-infinite body under uniform tension. I 1-33897
- Fujita, T. *see* Horibe, S. 1-39375
- Fujita, T. *see* Mori, H. 1-3151
- Fujita, T. *see* Shizuma, K. 1-35113
- Fujita, T. *see* Takizawa, K. 1-26243
- Fujita, T.T. *see* Alberty, R.L. 1-44235
- Fujita, Y. An additional note on the $^{12}\text{C}/^{13}\text{C}$ ratio in carbon stars. II 1-54500
- Fujita, Y., Fujiwara, M., Morinobu, S., Katayama, I., Yamazaki, T., Itabashi, T., Ikegami, H., Hayakawa, S.I. Hexadecapole strength in the region of the low-energy octupole resonance in ^{90}Zr 1-28446
- Fujita, Y. *see* Asano, Y. 1-1022
- Fujitani, Y. Analysis of the stress singular solution in the three dimensional surface crack problem by Rayleigh-Ritz method 1-15444
- Fujitsu, S. *see* Nagai, M. 1-2677
- Fujitsuka, M. *see* Shikama, T. 1-16971, 1-39581, 1-48585
- Fujiwaka, S. *see* Suzuki, K. 1-25373
- Fujiwara, E., Kato, Y., Yamanaka, C. Amplification property of an electron-beam pumped KrF laser 1-41668
- Fujiwara, F., Andermann, G. High resolution molecular X-ray fluorescence study of soft X-ray radiation damage to solid KCl and KClO_3 1-8151
- Fujiwara, F.Y., Reeves, L.W. An investigation of the dilute solutions of lauric acid and laurate ion in cationic and anionic bilayers of disc micelles 1-20050
- Fujiwara, H., Kadomatsu, H., Tohma, K. Simple clamp pressure cell up to 30 kbar 1-9993
- Fujiwara, H., Kadomatsu, H., Tohma, K., Fujii, H., Okamoto, T. Pressure-induced magnetic transition in Fe_2P 1-30941
- Fujiwara, H., Takahashi, K., Sakaki, Y. ^1H NMR spectra of trimethyltin chloride partially oriented in a nematic phase 1-19119
- Fujiwara, H. *see* Kadomatsu, H. 1-7826, 1-38927
- Fujiwara, H. *see* Nomura, M. 1-44948
- Fujiwara, H. *see* Okamoto, T. 1-34866
- Fujiwara, I. Rational construction and physical significance of the quantal time operator 1-106
- Fujiwara, I., Miyoshi, K. Pulsating states for quantal harmonic oscillator 1-5159
- Fujiwara, I., Wakita, K., Yoro, H. Explicit construction of time-energy uncertainty relationship in quantum mechanics 1-5158
- Fujiwara, I. *see* Mikami, N. 1-6295
- Fujiwara, I. *see* Nishi, T. 1-50660
- Fujiwara, K. Ultraviolet photoemission spectroscopy of HCl on Si(111) surfaces 1-11981
- Fujiwara, K. Comments on 'Absorptive noise barrier on finite impedance ground' by Isei 1-24550
- Fujiwara, K., Kawanaka, R. Observation of the tin whisker by micro-Auger electron spectroscopy 1-42663
- Fujiwara, K., Makita, Y. Method of estimating the reverberant sound absorption coefficient of the absorbing structure composed of different plane porous materials 1-6718
- Fujiwara, K. *see* Ogata, H. 1-20249
- Fujiwara, M. *see* Fujita, Y. 1-28446
- Fujiwara, M. *see* Ikegami, H. 1-10583
- Fujiwara, M. *see* Ohkubo, K. 1-46902
- Fujiwara, M. *see* Shibata, T. 1-22526
- Fujiwara, M. *see* Uchino, O. 1-36017
- Fujiwara, S. *see* Ogino, T. 1-14149
- Fujiwara, S. *see* Rode, B.M. 1-48649
- Fujiwara, T. A possible origin of quark confinement 1-5573
- Fujiwara, T., Ishii, Y. Amorphous alloy Fe-P: structural model, vibrational spectra and electronic states 1-25179
- Fujiwara, T., Shima, A. Nonlinear oscillations of bubbles in compressible hydraulic oils 1-15302
- Fujiwara, T. *see* Ishii, Y. 1-7277
- Fujiwara, T. *see* Kumada, K. 1-12750
- Fujiwara, T. *see* Shima, A. 1-15303
- Fujiwara, T. *see* Shima, K. 1-11002
- Fujiwara, T. *see* Ueda, O. 1-21256
- Fujiyama, H., Watanabe, Y., Akazaki, M. Effects of the collisional damping on a nonresonant parametric instability near the lower-hybrid frequency 1-19886
- Fujiyama, K. *see* Tanaka, K. 1-3894
- Fujiyasu, H. *see* Kinoshita, H. 1-38842
- Fukada, E., Furukawa, T. Piezoelectricity and ferroelectricity in polyvinylidene fluoride 1-52906
- Fukada, E. *see* Furukawa, T. 1-34990
- Fukada, E. *see* Kaibara, M. 1-39950
- Fukada, E. *see* Takahashi, T. 1-34996
- Fukai, I. *see* Yoshida, N. 1-19240
- Fukai, R. *see* Holm, E. 1-17624
- Fukai, R. *see* Thein, M. 1-22363
- Fukai, Y., Inoue, T., Nagahama, F. Effect of plutonium-240 resonance absorption on the burnup of high temperature reactors 1-45595
- Fukai, Y. *see* Sugimoto, H. 1-2911
- Fukamachi, T. *see* Morion, B. 1-34190
- Fukamachi, T. *see* Sakamaki, T. 1-407
- Fukamachi, T. *see* Shimomura, O. 1-35121
- Fukamichi, K., Kimura, H.M., Masumoto, T., Gambino, R.J. Strain gauge characteristics of Ni-base amorphous alloys 1-7577
- Fukamichi, K. *see* Kikuchi, M. 1-7927
- Fukamichi, K. *see* Nakayama, T. 1-12374
- Fukamichi, K. *see* Wen-Kui Wang 1-20065
- Fukao, S., Wakasugi, K., Kato, S. Depolarization properties of the mesospheric backscattering seen by a high-powered VHF radar 1-22618
- Fukao, Y., Kanjo, K. A zone of low-frequency earthquakes beneath the inner wall of the Japan trench 1-4461
- Fukasako, N., Murase, H., Matsuda, S., Okuda, M. Corrosion of heat resistant alloys in pressurized helium at elevated temperature 1-18745
- Fukase, S. *see* Matsunaga, K. 1-40147
- Fukase, T., Morita, S., Kajimura, K., Nakanomoto, T., Koike, Y., Mikoshiba, N. Giant quantum attenuation of sound in bismuth below 1 K 1-47435
- Fukase, T. *see* Morita, S. 1-47682
- Fukatsu, T. *see* Kuwano, Y. 1-8710
- Fukawa, M. *see* Suzuki, A. 1-23524
- Fukaya, H. Oscilloscopes move toward low-cost, multifunctions 1-44901
- Fuke, K., Itoh, M. Application of thermal lens effect to molecular spectroscopy 1-37561
- Fuke, K., Sakamoto, S., Ueda, M., Itoh, M. Two-photon absorption spectrum of trans-stilbene. Trans-cis photoisomerization via upper A_2 state 1-8539
- Fukoka, N. *see* Nakanishi, S. 1-53513
- Fuks, B.I. *see* Suris, R.A. 1-20838, 1-20839, 1-34720
- Fuks, B.I. *see* Zhdanova, N.G. 1-38786
- Fuks, D.L. *see* Belan-Gaiko, L.V. 1-25462
- Fuks, D.L. *see* Portnoi, K.I. 1-2597, 1-25465
- Fuks, M.I. *see* Gorskova, M.A. 1-23367
- Fuks, M.Ya. *see* Mikhailov, I.F. 1-29965
- Fuks, M.Ya. *see* Palatnik, L.S. 1-2483, 1-8314
- Fukshansky, L., Kazarinova, N. Extension of the Kubelka-Munk theory of light propagation in intensely scattering materials to fluorescent media 1-1494
- Fukuchi, M. *see* Matsumoto, M. 1-7506
- Fukuda, A. Stopping powers of a tissue-equivalent gas for 40-200 keV protons 1-8899
- Fukuda, A. Measurement of stopping powers of gases for low energy heavy charged particles 1-18988
- Fukuda, A. *see* Akiyama, R. 1-11671
- Fukuda, A. *see* Kondo, K. 1-20053
- Fukuda, H. *see* Hase, I. 1-52750
- Fukuda, K., Okamoto, S. The effect of high gamma-ray doses on the track-registration properties of natural mica 1-2509
- Fukuda, K., Takata, Y., Hasegawa, S., Shimomura, H., Sanokawa, K. Three-dimensional natural convection in a porous medium between concentric inclined cylinders 1-1987
- Fukuda, K. *see* Ono, K. 1-24392
- Fukuda, K. *see* Shinagawa, Y. 1-4103
- Fukuda, K. *see* Ueda, K. 1-6187, 1-19054, 1-44995, 1-46066
- Fukuda, M., Wakita, K. The stability of coating film-mirror facet interfaces of AlGaAs/GaAs DH laser diodes 1-15249
- Fukuda, M., Wakita, K. Degradation of InGaAsP/InP DH lasers in water due to facet deterioration 1-19355
- Fukuda, M., Wakita, K., Iwane, G. Observation of dark defects related to degradation in InGaAsP/InP DH lasers under accelerated operation 1-41703
- Fukuda, M., Wakita, K., Iwane, G. Self-sustained pulsation appearance in InGaAsP/InP DH lasers during accelerated operation 1-41755
- Fukuda, M. *see* Imai, H. 1-46339
- Fukuda, M. *see* Kagami, H. 1-36077
- Fukuda, M. *see* Morimoto, M. 1-46337
- Fukuda, M. *see* Yamaguchi, H. 1-14956
- Fukuda, N. *see* Honda, S. 1-38957
- Fukuda, O. *see* Akiyama, M. 1-11203
- Fukuda, O. *see* Moriyama, T. 1-11200
- Fukuda, R., Igarashi, Y. Study of a model Lagrangian in QCD for soft bag 1-5598
- Fukuda, R., Kazama, Y. Gluon condensation from trace anomaly in quantum chromodynamics 1-18436
- Fukuda, S., Shiosaki, T., Kawabata, A. Acoustic and acousto-optic properties of amorphous Se 1-21618
- Fukuda, S. *see* Shiosaki, T. 1-46447
- Fukuda, T., Hirano, H. LiNbO_3 and LiTaO_3 growth by the capillary liquid epitaxial technique 1-3641
- Fukuda, T., Yokoyama, K. The Higgs-Kibble model on the basis of a canonical Yang-Mills field theory with gauge covariance. II 1-14230
- Fukuda, T. *see* Kokubun, Y. 1-47645
- Fukuda, T. *see* Yamagata, T. 1-45484
- Fukuda, Y., Honda, F., Rabalais, J.W. Chemisorption of NO and NH_3 on rhenium studied by UPS, XPS, TDS and work function measurements 1-17105
- Fukuda, Y., Rabalais, J.W. Chemisorption of CO on clean and carbonized osmium 1-14958
- Fukuda, Y. *see* Honda, F. 1-21309, 1-31273
- Fukuda, Y. *see* Itoh, H. 1-45980
- Fukuda, Y. *see* Minemoto, T. 1-41642
- Fukuda, Y. *see* Yamada, K. 1-46017
- Fukudome, K. Equalization for the dummy-head-headphone system capable of reproducing true directional information 1-6743
- Fukuhara, Y. *see* Oya, S. 1-8293
- Fukui, K., Asai, H. The most probable mechanism of the negative geotaxis of *Paramecium caudatum* 1-13224
- Fukui, K. *see* Kobayashi, H. 1-2821
- Fukui, K. *see* Nakajima, M. 1-1963
- Fukui, K. *see* Tachibana, A. 1-48652
- Fukui, M., Hirose, T. Condensed modes in BaMF_4 type crystals 1-12461
- Fukui, M., So, V.C.-Y., Stegeman, G.I. Dispersion relations and the nonlinear generation of C1-surface exciton polaritons in spatially dispersive ZnO 1-3036
- Fukui, M., Sumi, S., Hatta, I., Abe, R. A new evidence in the ESR spectra of the incommensurate phase of bis(p-toluene sulfonate) ester of 2,4-hexadiene-1,6-diol 1-26040

- Fukui, M., Toda, O., So, V.C.Y., Stegeman, G.I. Surface plasmon enhanced Brillouin scattering from metal films 1-39173
- Fukui, T., Horikoshi, Y. InAsSbP-InAs superlattice grown by organometallic VPE method 1-26393
- Fukui, T., Matuda, K. The influence of shape and amount of graphite of cast iron on the rolling contact fatigue strength 1-3896
- Fukui, T., Sugi, M., Izizima, S. Temperature dependence of the thickness of Langmuir multilayer assembly films 1-25592
- Fukui, T., Yachida, M., Tsuji, S. Detection and tracking of blood vessels in cine-angiograms 1-53894
- Fukui, Y., Kaifu, N., Morimoto, M., Miyaji, T. HCO⁺ emission in the galactic center region. I. Observations 1-36383
- Fukukita, H., Oyamada, H., Kawai, H., Nagaiwa, K., Terui, S., Uehara, T., Kiri, M. Basic studies on radionuclide computed tomography using a rotating chair 1-53882
- Fukuma, H. Search for narrow resonances in the total cross section for the antiproton-proton scattering 1-14409
- Fukuma, H. see Aihara, H. 1-45336
- Fukuma, M. see Noda, J. 1-6648
- Fukumasa, O., Itatani, R. Suppression of beam-excited electron waves by an externally applied RF signal 1-46898
- Fukumitsu, O. see Takenaka, T. 1-29186
- Fukumitsu, O. see Tanaka, M. 1-1488
- Fukumoto, A. see Sato, J. 1-24646
- Fukumoto, K. see Hagihara, T. 1-2681
- Fukumura, K. see Kobayashi, T. 1-24179
- Fukunaga, C., Hamatsu, R., Hirose, T., Kitamura, S., Yamagata, T. Study of ($\pi\eta$) and ($\pi\pi\eta$) mass enhancements in nucleon diffraction dissociation 1-5655
- Fukunaga, H., Yamasaki, J., Narita, K. Temperature dependence of magnetization and its annealing effect in amorphous Fe_{90-x}Si₁₀B₁₀ alloys 1-47905
- Fukunaga, J. see Ihara, M. 1-15879
- Fukunaga, O., Yamaoka, S. A comprehensive rule of pressure induced phase transformations in ternary oxides 1-30385
- Fukunaga, O. see Akaishi, M. 1-35214
- Fukunaga, O. see Kanda, H. 1-20520, 1-35169
- Fukunaga, O. see Shimomura, O. 1-29998
- Fukunaga, O. see Yamaoka, S. 1-5336
- Fukunaga, T. see Suzuki, K. 1-30084
- Fukunishi, H. see Sato, N. 1-32574
- Fukunishi, K., Saito, S., Ogata, A., Ninomiya, H. Equilibrium plasma position control for a large Tokamak using modern control theory 1-25077
- Fukunishi, K. see Yoshioka, K. 1-917
- Fukuoka, J. see Yoshida, N. 1-19240
- Fukuoka, M. see Handa, T. 1-12787
- Fukuoka, M. see Inoue, M. 1-47880
- Fukuoka, T. see Gooding, J.L. 1-13741
- Fukura, J. see Mitani, H. 1-2851
- Fukusako, S. see Seki, N. 1-17807
- Fukushige, K. see Namba, M. 1-24547
- Fukushima, T. see Katayama, Y. 1-18932
- Fukushima, H., Shiotani, N. Positron annihilation in amorphous alloys 1-43209
- Fukushima, H. see Mihara, T. 1-47007
- Fukushima, H. see Ushida, N. 1-546
- Fukushima, M. Approximate theory of surface duct sound trapping mode in water 1-6705
- Fukushima, M. Approximate methods of mode attenuation in shallow water with lossy bottom sediments 1-6706
- Fukushima, M., Iwata, S., Kajikawa, R., Kobayakawa, H., Matsui, T., Miyamoto, A., Nakanishi, T., Ohashi, Y., Okumi, S., Pak, C.O., Shimomura, T., Suzuki, S., Tauchi, T., Baba, K., Endo, I., Kadota, S., Sumi, Y., Terada, S., Takeuchi, Y., Tokuda, N., Amako, K., Tsuru, T., Mori, K. Construction and performance of a large-aperture wire-chamber spectrometer for pion scattering experiments at KEK 1-45770
- Fukushima, M. see Barber, D. 1-14407
- Fukushima, M. see Barber, D.P. 1-534, 1-28309
- Fukushima, M. see Nakaoka, A. 1-21967
- Fukushima, M. see Terada, S. 1-14415
- Fukushima, S. see Kinugawa, J. 1-48400
- Fukushima, T. see Kinugawa, J. 1-48400
- Fukushima, Y. see Barish, B. 1-10192
- Fukushima, Y. see Sato, T. 1-39916
- Fukuta, M., Hashimoto, H. Ion implantation in GaAs. Application to GaAs integrated circuits 1-25312
- Fukutome, H. Non-adiabatic Hartree-Fock and configuration interaction theory 1-51139
- Fukutome, H. see Igawa, A. 1-6156
- Fukutome, H. see Nagahira, Y. 1-39120
- Fukutome, H. see Nishiyama, S. 1-5226, 1-18585
- Fukutomi, H. see Nakahira, M. 1-29403
- Fukuya, T. see Nomura, Y. 1-49151
- Fukuyama, A. see Abe, H. 1-29866
- Fukuyama, H. Wigner solids 1-34544
- Fukuyama, H. Conductivity and Hall effects in two-dimensional disordered systems 1-52545
- Fukuyama, H. see Kagoshima, S. 1-16405
- Fukuyama, H. see Mackawa, S. 1-42885
- Fukuyama, H. see Nakano, T. 1-25948
- Fukuyama, H. see Suzumura, Y. 1-7523, 1-20377
- Fukuyama, H. see Yoshioka, D. 1-12168, 1-52489
- Fukuyama, K., Kofman, V. Incoherent scattering of an electromagnetic wave in the mesosphere: a theoretical consideration 1-54182
- Fukuyama, K. see Sakakibara, M. 1-25245
- Fukuyama, T. see Nakata, M. 1-10841, 1-14875, 1-46123
- Fukuyo, H. see Kuramochi, N. 1-41346
- Fukuzawa, F. see Itoh, A. 1-10833, 1-46090
- Fukuyama, T. see Nakata, M. 1-15008
- Fulachier, L. see Arzuomanian, E. 1-1942
- Fulachier, L. see Elena, M. 1-1931
- Fulchignoni, M., Poscolieri, M. Planetary cratering: statistical recognition of secondary-crater fields 1-4799
- Fulchignoni, M. see Bianchi, R. 1-44453, 1-44454, 1-44458
- Fulde, P. Interactions of rare-earth ions with phonons 1-20329
- Fulde, P. see Stollhoff, G. 1-24046
- Fule, K. see Arvey, Z. 1-23937
- Fulford, J.E., March, R.E., Mather, R.E., Todd, J.F.J., Waldren, R.M. The cylindrical ion trap: a theoretical and experimental study 1-18325
- Fulinski, A. Locally nonuniform fluids 1-11663
- Fulinski, A. On the existence of fluctuation-type solutions in the equilibrium theory of fluids 1-38215
- Fullea, J., Sanchez Lopez, C. Photovoltaic electric energy storage. I 1-32010
- Fuller, D., Macherer, R., Knighton, R.W. Retinal damage produced by intraocular fiber optic light 1-35817
- Fuller, E.R., Jr., Thomson, R.M. Theory of chemically assisted fracture 1-43564
- Fuller, G.G., Rallison, J.M., Schmidt, R.L., Leal, L.G. The measurement of velocity gradients in laminar flow by homodyne light-scattering spectroscopy 1-11481
- Fuller, G.M., Zahn, H.S. Establishing fusion component failure limits through availability goals 1-6034
- Fuller, H.C., Robinson, D.W. A study of the effects of fluctuation frequency on adverse reactions to noise 1-29458
- Fuller, H.C., Robinson, D.W. An objective experimental method for studying aversion to noise 1-29459
- Fuller, K.N.G., Roberts, A.D. Rubber rolling on rough surfaces 1-43643
- Fuller, M. see Hagedahl, S. 1-17589
- Fuller, S.D., Robinson, N.E., Scott, J.B. Effect of pulmonary venous pressure on steady-state colateral resistance 1-22035
- Fuller-Rowell, T.J. see Rees, D. 1-9305
- Fullerton, L.W. see Hills, J.G. 1-9582
- Fullmer, G.C. BWR end-of-cycle/cycle length flexibility 1-45605
- Fulstone, M.A. see Ashfold, M.N.R. 1-51264
- Fullwood, R.R., Jackson, R.R. Short-term risk of actinide partitioning 1-855
- Fullwood, R.R. see Bailey, P.G. 1-50836
- Fullwood, R.R. see Burns, E.T. 1-14673
- Fulmer, C.B., Satchler, G.R., Gross, E.E., Bertrand, F.E., Goodman, C.D., Hensley, D.C., Wu, J.R., Clarke, N.M., Steeden, M.F. Elastic and inelastic scattering of 88 MeV ⁶Li ions 1-50617
- Fulmer, C.B. see Ohnesorge, W.F. 1-14702
- Fulop, S. see McQueen, H.J. 1-39460
- Fulp, R.O. see Norris, L.K. 1-9911
- Fulrath, R.M. see Nakamura, Y. 1-48305
- Fulton, A.B., Graves, A.L. Background adaptation in developing rat retina: an electroretinographic study 1-8865
- Fulton, B.R., Cormier, T.M. A search for resonant two-step α -exchange in ⁶Li+¹²C scattering 1-18667
- Fulton, T. see Feldman, G. 1-5483
- Fumero, R. Optimisation of blood pumping systems 1-35914
- Fumita, S. see Okumura, Y. 1-7391
- Fun Gau Ho, Strieder, W. Numerical evaluation of the porous medium effective diffusivity between the Knudsen and continuum limits 1-33984
- Fun Hoong Kun see Hoong Kun Fun
- Funada, I. see Yorizane, M. 1-47216
- Funada, T. see Sakata, M. 1-51770
- Funada, T. see Shibuya, T.-I. 1-1276
- Funahashi, A. see Suzuki, N. 1-25039
- Funahashi, A. see Yamauchi, T. 1-29848
- Funakoshi, M. Reflection of obliquely incident solitary waves 1-37955
- Funakoshi, N. see Miyagi, M. 1-42661
- Funakoshi, Y., Yamamoto, M., Matsumura, Y., Komeda, H. A novel agglomeration granulating system utilizing a centrifugal-fluidizing drive 1-43293
- Funakubo, H. Materials for miniaturised products [in prosthetics] 1-49164
- Funakubo, H. see Ohshima, Y. 1-40024
- Funakubo, H. see Sekiguchi, Y. 1-31695
- Funakubo, H. see Shirane, K. 1-4388
- Funakubo, N. Computer measurement of particle diameters in cell membranes from electron micrographs 1-32327
- Funato, Y. see Watanabe, H. 1-11585
- Funchs, A.H., Gelfenstein, M., Szwarc, H. Equation of state of orientationally disordered solids and internal phonon radiation pressure 1-38493
- Funch, E. Modification of the Cox-Isam formula for $4\pi\gamma$ -coincidence counting by the 'Gandy'-effect and its automatic correction by electronic circuits 1-10610
- Funch, E. Dead time effects of time jitter and metastable gamma-transitions in coincidence systems 1-45802
- Funch, T. see Eggers, F. 1-29493
- Funes, F., Heizmann, J.J., Baro, R. Reducibility of synthetic hematite pellets. I. Preparation and description of the pellets 1-35224
- Fung, A.K. see Tan, H.S. 1-29189
- Fung, B.M., McLaughly, T.W. Cross relaxation in hydrated collagen 1-15049
- Fung, B.M., Poon, P.S. Nuclear magnetic resonance transverse relaxation in muscle water 1-32183
- Fung, K.K., Steeds, J.W. Time-dependent images in transmission electron microscopy associated with the phase transitions of NbSe₂ 1-30380
- Fung, L.W.-M. Spin-label studies of the lipid and protein components of erythrocyte membranes. A comparison of electron paramagnetic resonance and saturation transfer electron paramagnetic resonance methods 1-43857
- Fung, M.K., van Nieuwenhuizen, P., Jones, D.R.T. Transversality of the Rarita-Schwinger self-energy, Ward identities, and dimensional regularization 1-23092
- Fung, P.C., Bird, G.W., McIntyre, N.S., Sanipelli, G.G., Lopata, V.J. Aspects of feldspar dissolution 1-28637
- Fung, P.C.W. see Wong, K.W. 1-169
- Fung, S., Nicholas, R.J., Davison, A.M., Stradling, R.A. Chromium contamination in VPE InP from photoconductivity spectra 1-47699
- Fung, S. see Nicholas, R.J. 1-3010
- Fung, Y.C. see Fronck, K. 1-39947
- Funita, T. see Manvi, R. 1-48909
- Funk, J.E., Prueitt, J.K. Process economics and the second law in thermochemical hydrogen production: the effect of heat transfer 1-53698
- Funk, J.E. see England, C. 1-17089
- Funk, W., Winkelkemper, W. Hybrid amplifier modules for nuclear measurements in space flight experiments 1-28814
- Funk, W. see Reiter, R. 1-40156
- Funkke, A. see Kleintert, P. 1-43657
- Funkke, H., Roepenack, P., Stall, W. Development of fast breeder fuel oxides 1-23836
- Funkke, K. Elementary steps of cation motion in AgI-type solid electrolytes 1-30469
- Funkle, L., Doring, J., Dubbers, F., Kennitz, P., Will, E., Winter, G., Kiptilij, V.G., Kudojarov, M.F., Lemberg, I.K., Pasternak, A.A., Mishin, A.S., Hildingson, L., Johnson, A., Lindblad, T. In-beam study of ⁸⁰Kr; quasiparticle excitations in nuclei around mass 80 1-50485
- Funkle, L., Winter, G., Doring, J., Dubbers, F., Kennitz, P., Will, E. Band crossing and quasiparticle excitations in nuclei around ^{78,80}Kr 1-10301
- Funke, V.F. see Zubarev, P.V. 1-16835
- Funkenbusch, P.D. see Aita, C.R. 1-16686
- Funnell, B.M. see Berggren, W.A. 1-17571
- Funsten, H.O. see Lie, B.J. 1-5732
- Funtikov, A.I. see Bessarab, A.V. 1-42189
- Funtikov, A.I. see Lin, E.E. 1-24839
- Fuqua, J.M., Jr. see McGee, M.G. 1-35917
- Fur, Y. Le see Le Fur, Y.
- Furayev, V.S. see Chernobay, V.A. 1-29677
- Furber, B.N., Davidson, J. Liner insulation for gas-cooled reactors 1-14587
- Furdin, G., Billaud, D., Herold, A., Zeller, C., Marchand, A. Existence of a magnetic susceptibility anomaly in the ternary systems $M_1-M_2-C_3$ 1-20952
- Furdin, G. see El Makrini, M. 1-38769
- Furdin, G. see Hy Hau, N. 1-47584
- Furdin, G. see Marechal, J.F. 1-38904
- Furdin, G. see Vasse, R. 1-39621
- Furdyna, J.K. see Nagata, S. 1-16455
- Furdyna, J.K. see Sansonetti, J.E. 1-12135
- Furenlid, I., Toung, A. Mass loss and rotation in early-main-sequence B stars 1-13768
- Furenlid, I. see Kurucz, R.L. 1-9390
- Furenlid, I. see Young, A. 1-40495
- Furer, A.L. see Maklakov, L.I. 1-6258
- Furer, V.L. see Maklakov, L.I. 1-6258
- Furetta, C. see Bacci, C. 1-53856
- Furgason, E.S. see Lee, B.B. 1-37750
- Furgason, E.S. see Newhouse, V.L. 1-8936
- Furic, M. see Hofstetter, J.H. 1-41142
- Furlan, G. see de Alfaro, V. 1-18091, 1-18356
- Furlani, C. see Alagna, L. 1-41432
- Furlani, C. see Andreocci, M.V. 1-24192, 1-46019
- Furlani, C. see Burger, K. 1-30956

- Furlong, D.N., Freeman, P.A., Lau, A.C.M. The adsorption of soluble silica at solid-aqueous solution interfaces. I. Leaching from glass—an electrokinetic study 1-48746
- Furlong, L.E. *see* Penner, S.S. 1-13071
- Furman, B.K., Morrison, G.H. Direct digitization system for quantification in ion microscopy 1-53488
- Furman, B.K., Morrison, G.H., Saunders, V.I., Tan, Y.T. Secondary ion mass spectrometry and ion scattering spectrometry determination of iodide distribution in Ag(Br,I) 1-15918
- Furman, E.G. *see* Vasil'ev, V.V. 1-18933
- Furman, M.A. Large QCD corrections to hadron calorimeter reactions 1-28353
- Furman, M.A. *see* Ellis, R.K. 1-590
- Furman, Sh.A. *see* Vvedenskii, V.D. 1-24475
- Furman, V.I. *see* Kadenskii, S.G. 1-45486
- Furmanik, Z. *see* Auleytner, J. 1-20523
- Furmanova, N.G., Kompan, O.E., Struchkov, Yu.T., Mikhailov, I.E., Olekhovich, L.P., Minkin, V.I. Structure of nitroaryl derivatives of acetylacetone N,N'-dialkylidimines 1-41515
- Furmanova, N.G., Struchkov, Yu.T., Kravtsov, D.N., Rokhlina, E.M. X-ray crystallographic investigation of nonbonding interactions and coordination in organometallic compounds. XIV. Crystal structure of the triphenyllead derivative of 4-thiopyridone 1-25248
- Furmanski, W., Petronzio, R. Singlet parton densities below leading order 1-23500
- Furmanski, W. *see* Curci, G. 1-14324
- Furnes, G.K. Wind effects in the North Sea 1-27197
- Furniss, I. *see* Moorwood, A.F.M. 1-17888
- Furrier, A., Kaldis, E. Magnetic excitations in holmium phosphide 1-25887
- Furrier, A., Vogt, O. Neutron spectroscopy of dilute f-electron systems in the cluster regime 1-47589
- Furrier, A. *see* Murasaki, A. 1-47590
- Furrier, P., Vitke, J.M., Shapiro, E. Static softening in aluminum alloys 1-35335
- Furrier, P. *see* Gronsky, R. 1-53183
- Furrier, R., Fujara, F., Lange, C., Stehlik, D., Vieth, H.M., Volmann, W. Transient ESR nutation signals in excited aromatic triplet states 1-7934
- Furrier, R., Fujara, F., Petersen, J. Photoreaction in aromatic crystals: EPR studies of anthracene doped fluorene 1-8586
- Furze, J.E. Kinematic design of fine mechanisms in instruments 1-40777
- Furzei, G.N. *see* Baskin, L.M. 1-3583
- Furzei, G.N. *see* Pitsyn, V.E. 1-43251
- Furzei, G.N. *see* Shirochin, L.A. 1-53060
- Furzenko, A.A. *see* Zhmakin, A.I. 1-24893
- Furzenko, B.A., Kirkinsky, V.A., Rjaposov, A.P. The system SiO₂-GeO₂ at pressures up to 100 kbar 1-35245
- Furst, E. The quiet Sun at cm- and mm-wavelengths 1-4859
- Furst, E. *see* Gobel, W. 1-36375
- Furst, E. *see* Kundu, M.R. 1-27588
- Furst, E. *see* Sofue, Y. 1-4965
- Furstenau, N., Hillenkamp, F. Laser-induced cluster-ions from thin foils of metals and semiconductors 1-43222
- Furtado, D. *see* Williams, W.P. 1-21996
- Furtado, N.C. *see* de Biasi, R.S. 1-12391
- Furtak, T.E., Canfield, D.C., Parkinson, B.A. Scanning light-spot analysis of the carrier collection in liquid-junction solar energy converters 1-43757
- Furtak, T.E., Kester, J. Do metal alloys work as substrates for surface-enhanced Raman spectroscopy? 1-16566
- Furtak, T.E., Trott, G., Loo, B.H. Enhanced light scattering from the metal/solution interface: chemical origins 1-35049
- Furtak, T.E. *see* Grider, D.E. 1-35149
- Furtak, T.E. *see* Trott, G.R. 1-23317, 1-39098
- Furth, H.P. *see* Yamada, M. 1-46916
- Furue, H., Shimamura, S. Fatigue behavior of rigid polymeric materials and composites at room (20°C) and elevated (50°C) temperature 1-26605
- Furue, H., Shimamura, S. Fatigue behavior of rigid polymeric materials and composites at room and elevated temperature 1-31590
- Furuhashi, Y., Ihara, T., Tohma, K. Remote sensing of raindrop size distribution from microwave scattering measurements. II 1-4668
- Furuhashi, Y. *see* Fujita, M. 1-17656
- Furuhashi, Y. *see* Hayashi, R. 1-49313
- Furuhashi, R., Kinoshita, N., Mura, T. Periodic distributions of inclusions 1-29546
- Furuhashi, Y. *see* Kasano, H. 1-35189
- Furui, Y. *see* Sensui, S. 1-11205
- Furui, Y. *see* Yoshida, K. 1-33819
- Furuchi, K. *see* Kohata, Y. 1-28575
- Furuchi, R. *see* Ishii, T. 1-26732
- Furuchi, S., Kanada, H., Watanabe, K. Combined studies of π N and NN scattering and electromagnetic form factor of nucleon based on the $\pi\pi$ dynamics 1-14384
- Furukawa, H. Dynamics of phase separations of a dissipative system and a fluid mixture 1-52300
- Furukawa, J. *see* Kobayashi, E. 1-43312
- Furukawa, K., Gettrust, J.F., Kroenke, L.W., Campbell, J.F. Crust and upper mantle structure along the flank of Koko Seamount 1-32390
- Furukawa, K., Ohno, H., Mochinaga, J., Igarashi, K. Phase diagram of ternary RbF-PbF₂-BiF₃ system as target salt in accelerator molten-salt breeder reactor 1-28592
- Furukawa, K. *see* Gettrust, J.F. 1-22288
- Furukawa, K. *see* Kamada, M. 1-43252
- Furukawa, M. *see* Ishida, T. 1-26938
- Furukawa, M. *see* Kano, E. 1-53822
- Furukawa, S., Morizumi, T. Characteristics of multi-layered SAW devices using LiNbO₃, LiTaO₃ and SiO₂ 1-24626
- Furukawa, S. *see* Matsumura, H. 1-3622, 1-53090
- Furukawa, S. *see* Ogita, Y. 1-47673
- Furukawa, S. *see* Saitoh, S. 1-47402
- Furukawa, T., Ogiwara, K., Fukada, E. Piezoelectric relaxation in poly(γ -methyl-L-glutamate) at high temperature 1-34990
- Furukawa, T. *see* Fukada, E. 1-52906
- Furukawa, Y., Kawai, S. NMR study of protonic transport in hydronium beta' alumina 1-30464
- Furukawa, Y. *see* Harada, I. 1-39072
- Furukawa, Y. *see* Kakuda, T. 1-9009
- Furukawa, Y. *see* Kitahama, K. 1-38999
- Furukawa, Y. *see* Yamagishi, A. 1-26976
- Furukoshi, M. *see* Muranai, T. 1-21365
- Furumoto, H.W. *see* Lucatorto, T.B. 1-6570
- Furuse, T., Sakuma, I. Internal second harmonic generation in InGaAsP DH lasers 1-29280
- Furushima, K., Shinagawa, M. Study on focusing chromatographic simultaneous determinations of ²²⁶Ra and its daughter nuclides by means of solid state α -track detection and β -autoradiography 1-28833
- Furushiro, N., Okada, Y., Hori, S. Dynamic recrystallization of copper under tensile deformation 1-26494
- Furuta, N. *see* Ikuta, T. 1-17412
- Furuta, O., Yamada, M. Effective canting angle of distorted raindrops along Earth-space propagation path 1-44238
- Furuta, T., Motohashi, H. Products at the surface of Zircaloy cladding under LOCA conditions 1-26665
- Furuta, T., Skiff, B.A., Bowell, E., Marsden, B.G. Comet Meier (1980q) 1-13735
- Furutu, K. Operator methods for time-dependent waves in random media with applications to the case of random particles 1-27786
- Furuya, H. *see* Sugisaki, M. 1-23754
- Furuya, K. *see* Kubota, M. 1-24509
- Furuya, T., Sakurai, T. Channelled-ion implementation into silicon 1-15915
- Furzikov, N.P. *see* Ambartsumyan, R.V. 1-51209
- Fusciardi, A., Scarpini, F. A mixed finite element solution of some biharmonic unilateral problem 1-46676
- Fusco, D. *see* Donato, A. 1-41546
- Fusco, L. The Earthnet HCMM dataprocessing system at Lannion 1-32532
- Fuse, M., Maruyama, H., Kuihara, K., Takeda, R. Daily load-following characteristics of an improved BWR core 1-45701
- Fusegni, L.J. *see* Miskolczy, G. 1-48889
- Fusek, R.L., Huff, L. Use of a holographic lens for producing cylindrical holographic stereograms 1-19298
- Fusek, R.L. *see* Huff, L. 1-6520, 1-15117
- Fushchich, O.I. *see* Nenakhov, A.V. 1-53301
- Fushimi, K., Miyake, Y. Contents of formaldehyde in the air above the surface of the ocean 1-44255
- Fusi, G. *see* Docchio, F. 1-348
- Fusi Pecci, F. *see* Battistini, P. 1-17882
- Fusil, J., Comolet, R. Rotoscope with pneumatic suspension and drive 1-50185
- Fusson, M.M., Prestegard, J.H. Intensity exchange pulses for the extraction of cross-correlation spectral densities from coupled ¹³C spectra of macromolecular systems 1-19221
- Fussgaenger, K. *see* Seikai, S. 1-11150, 1-19447
- Fussmann, G. *see* Niedermeyer, H. 1-25040
- Futamoto, M., Hosoki, S., Yamamoto, S., Kawabe, U. Field-ion and electron microscopy study of carbon field emitters 1-39226
- Futamoto, M., Nakazawa, M., Kawabe, U. Thermionic emission properties of hexaborides 1-26355
- Futaally, R. *see* Gay, J. 1-4791
- Futran, M. *see* Hall, C.K. 1-20354
- Futsaeter, N., Gramstad, T. Studies of hydrogen bonding—XXXI. NMR studies of solute-solute-solvent interaction 1-29003
- Fuwa, K. *see* Fujii, T. 1-14207
- Fuyu Sun *see* Sun Fuyu
- Fuyuki, M. Effect of higher multipole nucleon pairs on the band structure in transitional nuclei 1-33223
- Fuyuki, S. *see* Hayakama, S. 1-35199
- Fuyuki, T., Matsunami, H. Measurement of lifetime and diffusion constant of minority carriers by phase shift technique in EBIC 1-42789
- Fuzellier, H. *see* Rosenman, I. 1-47437
- Fuzhen Cheng *see* Cheng Fuzhen
- Fuzzi, S., Gazzi, M., Pesci, C., Vicentini, V. A linear impactor for fog droplet sampling 1-13586
- Fwu-Ren Liann *see* Akiba, R. 1-27358
- Fyfe, A.R. *see* Bourquin, M. 1-10276
- Fyfe, I.M., Rajendran, A.M. Dynamic pre-strain and inertia effects on the fracture of metals 1-11351
- Fymat, A.L., Mease, K.D. Mic forward scattering. Improved semiempirical approximation with application to particle size distribution inversion 1-37411
- Fyson, J.R., Levenson, G.I.P. A note on the structure of rehalogenated image 1-31883
- G. Min Byoung *see* Byoung G. Min
- G. Rhee Juong *see* Juong G. Rhee
- Gaal, I. *see* Csepes, Z. T. 1-38597
- Gaarde, C., Larsen, J.S., Drentje, A.G., Harakeh, M.N., Van Der Werf, S.Y., Muller-Arnke, A. The ⁵⁴Fe(³He,⁺)⁴Co reaction at 70 MeV, Gamow-Teller strength 1-5740
- Gaarde, C. *see* Horen, D.J. 1-50568
- Gaba, V.M. *see* Romanyuk, N.A. 1-52914
- Gabal, E.Ya. *see* Sindeev, Yu.G. 1-52956
- Gabaraev, R.S. *see* Morozov, B.V. 1-39174
- Gabaraeva, A.D., Leksoskii, A.M., Orlov, L.G. Stressed state of the interface in polymeric composite materials 1-48435
- Gabathuler, E. Experimental review of deep inelastic electron and muon scattering 1-10227
- Gabathuler, E. *see* Altkofer, O.C. 1-45773
- Gabathuler, E. *see* Aubert, J.J. 1-5630
- Gabathuler, K., Domingo, J., Gram, P., Hirt, W., Jones, G., Schwallier, P., Zichy, J., Bolger, J., Ingram, Q., Albanese, J.P., Arvieux, J. Elastic pion-deuteron scattering near the 3-3 resonance 1-23681
- Gabay, M. *see* Toulouse, G. 1-47893
- Gabbe, D. *see* Pollak, T.M. 1-29357
- Gabee, K.V. *see* Zav'yalov, A.S. 1-8301
- Gabel, C.W. *see* Harvey, G.T. 1-46411, 1-51531
- Gabelmann-Gray, L. *see* Fenichel, H. 1-46259
- Gabelnick, S.D. *see* Green, D.W. 1-28967
- Gabla, L. *see* Dabrowski, P. 1-46079
- Gabor, J.D., Baker, L., Jr., Cassulo, J.C., Erskine, D.J., Warner, J.G. Heat transfer to curved surfaces from heat generating pools 1-37928
- Gabor, J.D. *see* Jones, S.W. 1-45690
- Gaboriau, R. *see* Letellier, P. 1-53457
- Gaboriau, R.J. Self-diffusion of yttrium in monocrystalline yttrium oxide: Y₂O₃ 1-38588
- Gaboriau, R.J., Woigard, J., Gerland, M., Riviere, A. High-temperature isothermal internal friction of copper and copper-aluminum solid solutions between 10⁻⁴ and 10 Hz 1-53225
- Gabovich, M.D., Kozyrev, Yu.N., Naida, A.P. Continuous 20-mA source of negative hydrogen ions with a low level of beam-current pulsations 1-50269
- Gabovich, M.D., Lisitschenko, V.V., Reviuk, K.K., Simonenko, L.S., Soloshenko, I.A., Tarasenko, A.F. Spatial amplification of electron Langmuir oscillations, excited by a fast beam of positive ions 1-24962
- Gabr, R.M. *see* Fahim, R.B. 1-48371
- Gabrianovich, B.N., Levchenko, Yu.D., Trubakov, Yu.P., Ushakov, P.A. Effect of entrance conditions on the development of turbulent flow in circular pipes 1-24885
- Gabriel, A. *see* Platz, P. 1-50292
- Gabriel, J., Gallibert, A. Assessment of risks in the financing of major energy projects 1-8653
- Gabriel, K. *see* Dillmann, U. 1-43388, 1-43389
- Gabriel, M. On mode interaction of nonradial oscillations 1-27489
- Gabriel, M., Noels, A. The C/N ratio and ¹⁴N abundance as tests of the theories of Wolf-Rayet stars formation 1-49674
- Gabriel, M., Sculfaire, R. Properties of nonradial stellar oscillations 1-27488
- Gabriel, M. *see* Boury, A. 1-27471
- Gabriel, M. *see* Noels, A. 1-36265
- Gabriel, O.V., Pratt, R.H. Inner-shell bound-bound generalized oscillator strengths for screened potentials 1-19878
- Gabriel, S., Durrant, J.D., Dickter, A.E., Kephart, J.E. Computer identification of waves in the auditory brain stem evoked potentials 1-17509
- Gabriel, T.A. The methods and applications of Monte Carlo in low energy (≤ 20 MeV) neutron-photon transport (MORSE). I. Methods 1-18182
- Gabriel, T.A. The methods and applications of Monte Carlo in low energy (≤ 20 MeV) neutron-photon transport (MORSE). II. Applications 1-18184
- Gabriel, T.A. State-of-the-art of calculating high energy radiation transport and shielding 1-18945

- Gabriel, T.A.** Radiation Shielding Information Center and Biomedical Computing Technology Information Center 1-18993
- Gabriel, T.A.** see Alsmiller, F.S. 1-50973
- Gabriel, T.A.** see Alsmiller, R.G., Jr. 1-50974
- Gabriel, T.A.** see Lillie, R.A. 1-18886
- Gabriel, W.** see Berger, C.-1-5636, 1-10209
- Gabriel, W.** see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Gabrielli, F., Lupine, V.** Transient creep of Ni-base alloys 1-16865
- Gabrielli, I.** see Cernigoi, C. 1-50657
- Gabrielov, I.P.** see Zheltanoga, L.A. 1-12867
- Gabrielse, G.** Measurement of the $n=2$ density operator for hydrogen atoms produced by passing protons through thin carbon targets 1-46077
- Gabrielyan, K.T., Chukhovskii, F.N., Pinsker, Z.G.** Quantitative theory of curved-crystal focusing X-ray spectrometers. I. Reflection spectrometer 1-23398
- Gabrielyan, R.Ts., Kohn, V.G.** The forbidden-reflection method for absorption coefficient measurement in many-wave X-ray diffraction in single crystals 1-52026
- Gabrielyan, R.Ts.** see Bezirganyan, P.A. 1-7129
- Gabuda, S.P.** see Moroz, N.K. 1-6283
- Gacafieri, J.H., Gashi, A.** Measurement methods and schemes of vertical electrical sounding 1-4660
- Gacek, A., Tyl, J.** On a model of non-thermal nuclear-fusion reaction in D-T plasma 1-33275
- Gacesa, M., Quarrington, G.R., Tarasuk, W.R., Carrick, I.R., Pawliw, J., McGregor, G., Debnam, H.R., Proos, L.** CANDU fuel quality and how it is achieved 1-50780
- Gacoin, P.** see Maystre, D. 1-6563
- Gacon, J.C.** see Gnet, G. 1-3491, 1-31192
- Gacsi, Z.** see Roosz, A. 1-35472
- Gad-El-Hak, M., Blackwelder, R.F., Riley, J.J.** A visual study of the growth and entrainment of turbulent spots 1-42044
- Gadalla, A.M., Enayetallah, E.** Characterization and microwave reflectivity of enamelled and flame-sprayed coatings 1-43510
- Gadalla, A.M.** see Eisa, M.A. 1-26434
- Gadalog, V.N., Chevela, O.B.** Amplitude dependence of the internal friction of plasma-sprayed coatings 1-35301
- Gaddy, J.L.** see Sitton, O.C. 1-35671
- Gade, R., Fessler, D.** Description of photochemical and thermic reaction kinetics in solid layers 1-13025
- Gade, S., Chow, A., Knispel, R.** Comparison of predictions of nitroxide EPR spectra with isotropic motional averaging using different calculation methods 1-21053
- Gadekar, S.N., Ramakrishnan, T.V.** Theory of weakly first-order transitions in compressible Ising systems 1-18169
- Gadgil, V.L., Johnson, D.L.** Gas-phase hydrogen permeation and diffusion in carbon steels as a function of carbon content from 500 to 900K 1-42583
- Gadgil, S., Iyengar, R.N.** Cluster analysis of rainfall stations of the Indian peninsula 1-54204
- Gadha, P.K.** see Shah, V.C. 1-26947
- Gadian, D.G.** see Gordon, R.E. 1-8956
- Gadioli, E., Gadioli Erba, E.** Interpretation of the continuous spectrum of secondary α particles in α induced reactions 1-45515
- Gadioli, E., Gadioli Erba, E., Iori, I., Zetta, L.** Energy and angular distributions of α particles emitted in (nucleon, α) reactions 1-700
- Gadioli Erba, E.** see Gadioli, E. 1-700, 1-45515
- Gadir, O.M.A., Quarmby, D.J.** Microprocessor-based real time system for eye motion analysis 1-49087
- Gadiyak, G.V., Obrecht, M.S., Yanenko, N.N.** Anomalous acoustic velocity at high pressure of condensed matter in a superstrong magnetic field 1-20320
- Gadiyar, H.S., Elyathu, N.S.D.** Corrosion and magnetite growth on carbon steels in water at 310°C-effect of dissolved oxygen, pH, and EDTA addition 1-26658
- Gadmashi, Z.P.** see Suslikov, L.M. 1-43096
- Gadomski, A.M.** Application of the singular perturbation method in nuclear reactor dynamics 1-14572
- Gadomskii, O.N.** Rayleigh scattering of electromagnetic waves at the interface between vacuum and a super-emitting medium 1-11048
- Gadre, S.R., Matcha, R.L.** Inequalities among atomic expectation values 1-37103
- Gadshy, D.C.** Activation of electrogenic Na^+/K^+ exchange by extracellular K^+ in canine cardiac Purkinje fibers 1-8831
- Gadzhiev, M.F.** see Mamedov, K.P. 1-52277
- Gadzhiev, V.D.** Stability of rectangular plates under bilateral compression and with residual stress 1-37821
- Gadzhiev, V.D., Shamiev, T.M.** On stability of an ideal rod made of visco-elastic material 1-6796
- Gadzhokov, V.** Neutron scattering and magnetic properties of the ferromagnetic transition metals and their alloys. Automated data processing in discrete nuclear spectrometry 1-25879
- Gadzik, J.W., Metiu, H.** Theory of electron-hole pair excitations in unimolecular processes at metal surfaces. I. X-ray edge effects 1-8179
- Gaebel, H.** see Eigler, H. 1-20837
- Gaedeke, R., Wolf, F., Bernhardt, G.** On the influence of crystallization on trach and habit of urea crystals. II 1-20088
- Gaemers, K.J.F., Vermaseren, J.A.M.** Four-jet events in e^+e^- collisions and the non-Abelian nature of QCD 1-28334
- Gaevskaya, T.V.** see Kuntskevich, N.I. 1-36758
- Gafanovich, G.Ya., Prusikhin, O.V.** Standard arrangement for checking dynamometers 1-18190
- Gaffar, M.A.** see Mebed, M.M. 1-2721
- Gaffard, J.P., Davila, C., de Micaul, J.C., Roger, G.** Adaptive optics with segmented mirror or deformable mirror 1-46491
- Gaffey, J.D., Jr.** see Papadopoulos, K. 1-36114
- Gaffney, S.T., Magde, D.** Excited singlet state absorption in laser dyes 1-51477
- Gafford, R., Ishida, K., Saitoh, O., Horiba, A.** Cross-flow modulation technique improves NDIR sensitivity and stability 1-28078
- Gaffuri, A.** see Celantano, F. 1-289
- Gafinov, V.I.** see Durdyyev, A.S. 1-19565
- Gafni, H.** see Zeevi, Y.Y. 1-8877
- Gafni, M.** see Sohmer, H. 1-26910
- Gafri, O., Grill, A., Itzhak, D., Inspektor, A., Avni, R.** Boron nitride coatings on steel and graphite produced with a low pressure RF plasma 1-16214
- Gaft, M.L., Gorobets, B.S.** Luminescence of bivalent rare-earth ions in natural borosilicates 1-21262
- Gafurov, G.G.** see Baatar, Ts. 1-18655
- Gaganoff, D.** see Krothapalli, A. 1-19767
- Gagarin, S.G., Gubskii, A.L.** Influence of an external field on the electronic structure of aluminum oxide clusters in the X_{α} -scattered-wave approximation 1-42690
- Gagarinskii, A.Yu., Zhukov, O.E., Zaitsev, A.F., Petrov, V.V., Shukov, R.R., Tsygankov, L.S.** Determination of reactivity excess from results of critical and subcritical experiments 1-28645
- Gagen, P.F.** see Schwartz, M.I. 1-11116
- Gagen-Torn, V.K., Reutskaya, I.E.** Admissible inhomogeneity of resistance of an electrically conducting covering of an acceleration tube 1-37025
- Gaggeler, H., Trautmann, N., Bruchle, W., Hermann, G., Kratz, J.V., Peuser, P., Schadel, M., Tittel, G., Wirth, G., Ahrens, H., Folger, H., Franz, G., Summerer, K., Zenzel, M.** Search for superheavy elements in the $^{238}\text{U} + ^{238}\text{U}$ reaction 1-18666
- Gaggeler, H.** see Hickmann, U. 1-8634
- Gaggeler-Koch, H.** see Hickmann, U. 1-8634
- Gaggiol, N.G., Fleuret, J.** Study of the behaviour of certain photographic emulsions of high resolution illuminated by a pulse ruby laser 1-50254
- Gaggioli, N.G.** Statistical properties of the speckle formed with partially coherent illumination 1-6467
- Gaggioli, N.G.** Inexpensive system for obtaining high-quality pinholes of any diameter needed for spatial filtering [for use in demonstrations] 1-32819
- Gaggioli, R.A., Wepfer, W.J.** Exergy economics. I. Cost accounting applications 1-1719
- Gaggioli, R.A., Wepfer, W.J.** Exergy economics. II. Benefit-cost of conservation 1-17180
- Gaglio, S.** see Braccini, C. 1-53836
- Gaglione, G., Masserini, G.L., Reatto, L.** Jastrow wave function and correlations of the Lennard-Jones Bose fluid 1-2739
- Gaglione, G., Masserini, G.L., Reatto, L.** Theory of the temperature dependence of spatial correlations in liquid ^4He 1-42596
- Gagnaire, H., Goure, J.P., Massot, J.N.** Determination of the cross-sectional shape of an unclad optical fibre by means of the harmonic analysis of the radiance diagram 1-33817
- Gagnaire, H., Goure, J.P., Massot, J.N., Lambert, A.M.** Intrinsic diameter of an unclad fibre of any shape: definition and numerical determination 1-11091
- Gagnaire, H., Meunier, J.P., Goure, J.P., Massot, J.N.** Definitions of centers and deformation ratios for a noncircular optical fibre cross section 1-37610
- Gagnepain, J.J.** see Planat, M. 1-7265, 1-20537
- Gagneux, G.** Displacement of immiscible, incompressible fluids in a porous cylinder 1-15538
- Gagnon, E.P.** see Hutchins, H.S. 1-2259
- Gagnon, W.F., Cundiff, J.H.** Dose enhancement from backscattered radiation at tissue-metal interfaces irradiated with high energy electrons 1-22132
- Gagnon, W.F.** see Berkley, L.W. 1-8990
- Gahlen, G.** see Petro, W. 1-22146
- Gahn, G.F.** X-ray observations of T Tauri stars 1-49653
- Gahn, G.F.** see Gustafsson, B. 1-4910
- Gahr, K.H.Z.** Abrasive wear of microstructures with internal notches 1-16909
- Gahr, K.-H.** Zum see Zum Gahr, K.-H.
- Gahr, K.H.** Zum see Zum Gahr, K.H.
- Gai, P.L.** see Frost, R. 1-3942
- Gaia, M.** see Casci, C. 1-48896
- Gaidenko, V.P.** see Loginov, B.B. 1-3955
- Gaidis, Yu.A.** see Solomko, A.A. 1-48045
- Gaidarova, V.N., Litke, S.V., Lyalin, G.N.** The quantum yields of fluorescence and phosphorescence of the flavin adsorbates 1-4249
- Gaidash, B.I.** see Derevyagina, A.A. 1-12691
- Gaidelis, V., Kalade, J., Montrimas, E., Tamosius, V.** Mechanism of discharge of electrophotographic layers of poly-N-epoxypropyl carbazole layers in darkness 1-12150
- Gaidelis, V.I., Montrimas, E.A., Pazer, A.** Longitudinal photocurrent kinetics in poly-N-epoxypropylcarbazole layers 1-16316
- Gaididei, Yu.B.** see Prikhochko, A.F. 1-39123
- Gaidos, J.A., Gutay, L.J., Hirsch, A.S., Mitchell, R., Ragland, T.V., Scharenberg, R.P., Turkot, F., Willmann, R.B., Wilson, C.L.** Evidence for two body break up at a unique temperature in high energy p-Xe and p-Kr collisions 1-18656
- Gaidos, J.A.** see Leedom, I.D. 1-10270
- Gaidos, J.A.** see Zissa, D.E. 1-33201
- Gaidyalis, V.I., Gancho, G.N., Kaplunova, L.L., Motkus, E.B., Rybalko, G.I., Skarzhinskas, V.I.** Organic electrophotographic layer for obtaining multi-colour images 1-23358
- Gaigher, E., Verwoerd, W.S.** Comparative study of reconstructed silicon and diamond (111) surfaces modelled by small clusters 1-52405
- Gaignebet, N.** see Gay, J. 1-4791
- Gaignet, M.G., Chandrasekhar, R., David, S.K., Alkawi, V.G.** The dependence of the dielectric constant of liquids on free space 1-21105
- Gaikwad, M.G., David, S.K.** The dependence of the dielectric constant of liquids on free space - modified interpretation 1-43060
- Gaikwad, M.G., David, S.K.** Dependence of positron lifetimes on the dielectric constants of some organic media 1-43206
- Gailitis, A., Freiberg, Ya.** Nonuniform model of a helical dynamo 1-19982
- Gaillard, J.** see Bronchard, J.P. 1-27984
- Gaillard, J.-M.** see Bourquin, M. 1-10276
- Gaillard, M.** see Carre, M. 1-51280
- Gaillard, M.K.** QCD phenomenology 1-10173
- Gaillard, M.K.** Final states in e^+e^- annihilation 1-50453
- Gaillard, M.K.** see Ellis, J. 1-23462, 1-50432
- Gaillard, M.L.** see Carre, M. 1-1297
- Gaillard, M.L.** see Lazzarile, M. 1-19108
- Gaillard, W.D.** see Reddy, M.M. 1-47028
- Gaily, T.D., Goggolia, M.J., Peterson, J.R., Gillen, K.T.** State purification of a fast neon metastable beam by collinear optical pumping 1-986
- Gaily, T.D.** see Hult, R.A. 1-6211
- Gainer, A.V., Gole, V.S., Pivtsov, V.S., Folin, K.G.** Fine structure of the spectra of laser pulses from actively Q-switched solid-state lasers with injection of external radiation 1-51488
- Gainer, L.J., Wallwork, G.R.** Effect of alloy element additions on the pitting corrosion of mild steel 1-16955
- Gainer, M.K.** Construction of a 17th century telescope: an experiment in the history of astronomy 1-49930
- Gaines, G.L., Jr.** On the water wettability of gold [films] 1-38626
- Gaines, J.L.** see Singh, M.S. 1-946
- Gaines, J.R.** see Cochran, W.T. 1-16139
- Gaines, J.R.** see Ivancic, W. 1-48058
- Gaines, L.H.** see Newman, G.H. 1-17069
- Gaipov, S.** see Rakhimov, R. 1-31253
- Gairai, R.P., Indu, B.D.** Low temperature lattice thermal conductivity of undoped germanium and boundary scattering 1-47309
- Gairola, R.P., Indu, B.D.** Role of internal boundary scattering and modifications in Casimir's theory 1-2716
- Gaisak, I.I.** see Akimov, Yu.K. 1-41115
- Gaisak, M.I., Lendel, V.I., Navrotsky, V.T., Sabad, E.P.** The influence of autoionizing states on the cross-section of elastic $e^- + \text{He}^+$ scattering 1-1376
- Gaisanyuk, A.V., Kugel', K.I., Petrov, V.A., Sokolov, V.V.** Electrical resistance of specimens of the ZrC-C system obtained by chemical gas-phase deposition 1-47759
- Gaisnenok, V.A.** see Butko, A.I. 1-41450
- Gaiser, B.D., Wagoner, R.V.** Gravitational radiation from slowly rotating collapse: an exact Green function 1-17812
- Gaiser, J.** see Partridge, R. 1-10207
- Gaiser, J.E., Harper, R.C., Warren, W.H., Alford, W.L.** Measuring the neutron yield from $\text{T(d,n)}^4\text{He}$ 1-24001
- Gaiser, J.E.** see Smith, R.B. 1-49214
- Gaisin, F.M.** see Belyakov, Yu.M. 1-15666
- Gaisin, V.A., Nedzvetzki, D.S., Filippov, V.I., Chistyakova, N.Ya., Sheinkman, M.K.** Low temperature luminescence of PbO_7 single crystals 1-35087
- Gaisinskii, I.M., Galinin, A.V., Stepanov, A.E.** Influence of the magnetic field magnitude on α particle deceleration 1-42196
- Gaisinskii, I.M.** see Beigman, I.L. 1-10992

- Gaisler, V.A., Dagman, E.E., Klyain, A.R., Terekhov, A.S. Computer controlled Raman spectrometer 1-40874
- Gaissner, T.K., Halzen, F. Quark counting and the production of hyperons 1-50465
- Gaissner, T.K. *see* Ellis, J. 1-44681
- Gaissner, T.K. *see* Ellsworth, R.W. 1-44400, 1-49466
- Gaite, J.M. Pseudo-symmetries of crystallographic coordination polyhedra. Application to forsterite and comparison with some EPR results 1-15826
- Gaite, J.M. *see* Gutierrez-le Brun, M. 1-16475
- Gaitinov, A.Sh. *see* Abdrmanov, E.O. 1-722
- Gaizauskas, V., Tapping, K.F. Long-lived microwave pulsations observed in a complex solar active region 1-22749
- Gaizhaukas, E., Poluektov, I.A., Popov, Yu.M. Coherent resonant interaction of powerful laser pulses with exciton-impurity complexes in semi-conductors 1-11040
- Gaj, J.A. Semimagnetic semiconductors 1-47925
- Gaj, J.A. *see* Twardowski, A. 1-42730
- Gajana, B.C. *see* Fujita, T. 1-48898
- Gajana, B.C. *see* Manvi, R. 1-48909
- Gajda, J.J., Thayer, A.L. Prevention of chlorine corrosion in terminal vias prior to BLM 1-26641
- Gajda, T. *see* Bukowska-strzyewska, M. 1-25246
- Gajdek, M. *see* Wasilewski, W. 1-16463
- Gajdos, J. *see* Bleha, T. 1-15030
- Gajdos, V. *see* Chanturishvili, L.S. 1-4416
- Gajusek, J. *see* Kavcansky, V. 1-52800
- Gajewski, H., Zacharias, K. On a system of diffusion-reaction equations 1-39637
- Gakh, G.I. Asymmetry of the angular distribution in the photoproduction of π^0 -mesons in light nuclei 1-694
- Gakh, G.I. P-odd effects in e-d scattering in vector-like theories 1-698
- Gakh, G.I. Nonconservation of lepton number in reactions of electron bremsstrahlung and μ -pair photoproduction in a nuclear Coulombian field 1-28321
- Gakh, G.I. *see* Rekalov, M.P. 1-692
- Gakhramanov, N.F. *see* Tagirov, V.I. 1-3646, 1-34747
- Gai, A. *see* Friedman, E. 1-10873
- Gai, A.E. *see* Savitskii, A.V. 1-53370
- Gai, F.A. *see* Malyutin, V.I. 1-38960
- Gai, J., Bibok, G. Optimum weighted double sampling technique for pulse amplitude measurement 1-45800
- Gai, J., Pages, M. Mossbauer isomer shifts and electron densities of Np ions 1-47993
- Gai, J. *see* Moser, J. 1-47992
- Gai, Sh. *see* Beregi, E. 1-7829
- Gai-Or, B. Plasma-spray coating processes: physico-mathematical characterization 1-26384
- Gai-Or, B. *see* Greenberg, J.B. 1-19707
- Gai-Or, L. *see* Weisshaus, I. 1-48563
- Gabalov, B. A method for parametric analysis of the intensities in the infrared spectra 1-46025
- Galaev, A.A. *see* Vygovskaya, E.A. 1-42867
- Galai, V.I. Some kinematic features of mechanized electrospray-alloying of spherical surfaces 1-43592
- Galkhova, F.Ya. The character of melting of multilite $3Al_2O_3 \cdot 2SiO_2$ 1-42517
- Galkhova, F.Ya., Gorovaya, B.S., Demskaya, E.L., Prokhorova, T.I. Metastable liquid-phase separation in the $Nd_2O_3-Al_2O_3-SiO_2$ system 1-52076
- Galkhova, O.P., Hartness, S., Hermach, F.L., Hirayama, H., Martin, P., Rozdestvenskaya, T.H., Williams, E.S. An international comparison of thermal converters as AC-DC transfer standards 1-36690
- Galkhova, O.P. *see* Tarbeyev, Yu.V. 1-23163
- Galktionov, V.A. Two methods of comparing solutions of parabolic equations 1-24648
- Galktionova, E.M. *see* Ananich, N.I. 1-42421
- Galan, A.A. Multiplet methods of the analysis of the profiles of Fraunhofer lines 1-44444
- Galan, L., Bates, C.W., Jr. Structure of multialkali antimonide photocathodes studied by X-ray photoelectron spectroscopy 1-42353
- Galan, L. *see* de Galan, L.
- Galanina, N.D. *see* Berezin, V.M. 1-37057
- Galanopoulos, A.G. A new approach to the problem of the assessment of the seismic risk 1-4436
- Galanov, E.K., Potikhonov, G.N. Polarization photoelastic radiation modulator with wavelength $10.6 \mu m$ 1-46546
- Galanitskii, V.L. Mechanism of electron emission into a vacuum from formed MDM systems 1-20879
- Galanitskii, V.L. *see* Burachevskii, Y.A. 1-31317
- Galant, V.E. Stress-optical coefficient of fluorophosphate glasses 1-43097
- Galante, J.O. *see* Draganich, L.F. 1-35899
- Galarnau, P. *see* Bernard, P. 1-51570
- Galashev, A.E., Skripov, V.P. Molecular-mechanics study of supercooled liquid argon structure 1-2308
- Galassini, S. *see* de Blasi, C. 1-3431
- Galasso, V., Montoneri, E., Pappalardo, G.C. Conformational preferences of 3,3'-dithienylmethane 1-51117
- Galatry, L. Theories of intermolecular forces 1-29079
- Galatry, L. The dipole moment induced in a couple of two atoms at a very great distance 1-37361
- Galatry, L., Gharbi, T. The long-range dipole moment of two interacting spherical systems 1-10865
- Galatry, L. *see* Giraud, M. 1-6398
- Galatry, L. *see* Isnard, L. 1-10676
- Galavis, M.E. *see* Puma, M. 1-34722
- Galazka, R. *see* Nawrocki, M. 1-52953
- Galazka, R.R., Nagata, S., Keessom, P.H. Paramagnetic-spin-glass-antiferromagnetic phase transitions in $Cd_{1-x}Mn_xTe$ from specific heat and magnetic susceptibility measurements 1-12294
- Galazka, R.R. *see* Nagata, S. 1-16455
- Galazyuk, V.A., Gorechko, A.N. On one method for solving the elasticity theory dynamic problems in spherical and cylindrical coordinates 1-14011
- Galbally, I.E., Roy, C.R. Destruction of ozone at the Earth's surface 1-22465
- Galbiati, E. *see* Cavallotti, P. 1-43679
- Galbraith, D.M. *see* Auble, R.L. 1-23907
- Galbraith, G. *see* Squires, N. 1-32136
- Galbraith, H.W. *see* McDowell, R.S. 1-24141
- Galbraith, R.A.McD. Flow pattern around a shrouded cylinder at $Re = 5 \times 10^3$ 1-11420
- Galbraith, W., Sanderson, R.J. The energy distribution about the image of a point 1-37425
- Galbraith, W. *see* Adamovich, M.I. 1-45317
- Galbraith, W. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Galbraith, W. *see* Fiorino, A. 1-50583
- Gal'bur, V.A., Ivanov, M.F. Nonstationary optical-breakdown waves in hydrogen 1-25015
- Galchenkov, D.V. *see* Bogdankevich, O.V. 1-33684
- Galdeano, A., Courtillot, V., Le Mouel, J.L. The magnetic map of France of 1st July 1978 1-9073
- Gal'dikas, A. *see* Bareikis, V. 1-30796
- Gale, D.S. Integrating microcomputers and microelectronics into the physics curriculum 1-9791
- Gale, J. *see* Witherspoon, P.A. 1-806
- Gale, J.G., Williams, T.P. Light adaptation and temperature effects in rat PIII retinal response: analysis with a two-state model 1-13239
- Gale, N.H., Beckinsale, R.D., Wadge, A.J. Discussion of a paper by McKerrow, Lambert and Chamberlain on the Ordovician, Silurian and Devonian time scales 1-22264
- Gale, R. *see* Singh, P. 1-42858
- Gale, R.J., Dubow, J. Electrolyte properties for photoelectrochemical cells with emphasis on the molecular adaptation of metalloenes: a review 1-48868
- Gale, R.P. *see* Fan, J.C.C. 1-42643
- Galeazzi, G. *see* Fasoli, U. 1-1047
- Galeener, F.L. The Raman spectra of defects in neutron bombarded and Ge-rich vitreous GeO_2 1-3385
- Galeener, F.L., Lucovsky, G., Mikkelsen, J.C., Jr. Vibrational spectra and the structure of pure vitreous B_2O_3 1-26204
- Galeener, F.L., Mikkelsen, J.C., Jr., Wright, A.C., Sinclair, R.N., Desa, J.A.E., Wong, J. Raman and inelastic neutron scattering by vitreous $ZnCl_2$ 1-31139
- Galeener, F.L. *see* Mikkelsen, J.C., Jr. 1-26410
- Galeener, F.L. *see* Thorpe, M.F. 1-11831
- Galeev, A.A., Rosner, R., Serio, S., Vaiana, G.S. Dynamics of coronal structures: magnetic field-related heating and loop energy balance 1-49586
- Galeev, A.A., Sagdeev, R.Z., Shapiro, V.D., Shevchenko, V.I. Is renormalization in the quasi-linear theory of Langmuir oscillations a necessity? 1-34075
- Galeev, A.A., Zeleny, L.M. Anomalous electron thermal conductivity across the destroyed magnetic surfaces 1-51909
- Galeev, R.I. *see* Belyakov, Yu.M. 1-15666
- Galeeva, N.M. Resonance absorption of ultrasound due to rotational lattice vibrations 1-47933
- Galehouse, D.C. *see* Phillips, J.G. 1-4759
- Galen, E. *see* van Galen, E.
- Galenkamp, H. *see* Brouha, M. 1-34403
- Galera, R.M. *see* Pierre, J. 1-47865
- Gales, S. *see* Crawley, G.M. 1-41036
- Gales, S. *see* Perrin, G. 1-50577
- Galetskaya, A.D. *see* Asnin, V.M. 1-47704
- Galetskaya, A.D. *see* Berezovets, V.A. 1-34767
- Galev, V.N., Kozlov, V.A., Kolomoets, N.V., Skripdarov, S.Ya., Tsvetkova, N.A. Exponential temperature dependence of the coefficient of the transverse Nerst-Ettingshausen effect in Bi 1-52546
- Galfi, I. *see* Wenzel, G. 1-361
- Galgani, L., Giorgilli, A., Strelcyn, J.-M. Chaotic motions and transition to stochasticity in the classical problem of the heavy rigid body with a fixed point 1-40647
- Galgani, L. *see* Butera, P. 1-429
- Galiashkarov, Sh.A., Dmitriev, B.I., Ilyukhina, E.N., Lavrov, S.A., Morozov, N.I., Noskova, M.A., Rodzevich, G.V., Slepinkov, G.I. Strain gauge operating at carrier frequency 1-14111
- Galibert, A. *see* Gabriel, J. 1-8653
- Galibert, J. *see* Perrier, P. 1-47456
- Galibert, J. *see* Portal, J.C. 1-47684
- Galibois, A., Boutenko, O., Voyzelle, B. Formation mechanism of boridised layer on high carbon steel. I. Paste technique 1-21620
- Galibois, A., Boutenko, O., Voyzelle, B. Formation mechanism of boridised layer on high carbon steel. II. Powder technique 1-26648
- Galic, H. Comment on the calculation of the effective weak Hamiltonian 1-484
- Galic, H., Guberina, B., Picek, I., Tadic, D., Trampetic, J. Nonperturbative effective weak Hamiltonian and QCD corrections 1-40962
- Galic, H., Picek, I., Tadic, D. On short-distance vector (axial-vector) particle-exchange parity-violating potentials 1-473
- Galic, N.E. *see* Soloukhin, R.I. 1-29348
- Galic, S. *see* Killingbeck, J. 1-5150
- Galiev, A.L., Krapivin, L.L., Kirkin, L.L., Uglov, A.A. Synthesis of titanium nitride in a nitrogen atmosphere at high pressures and with laser irradiation 1-26414
- Galiev, A.L. *see* Uglov, A.A. 1-16868
- Galiev, G.B. *see* Mokerov, V.G. 1-21286
- Galiev, Sh.U., Demina, V.M., Sholom, V.K. Impulse expansion of cylindrical shells by a liquid 1-11326
- Galiev, T.T. *see* Urkumbaev, M.F. 1-31628
- Galimbekov, D.K., Lukhminskii, B.E. Optimization of probe device for selective γ - γ borehole logging 1-32557
- Galimzyanov, R.M., Zubarev, A.L., Musakhanov, M.M. Contribution from the polarization potential to the pion-deuteron scattering length 1-36968
- Galim, J. *see* Alexander, J. 1-50645
- Galim, L.A. *see* Berman, V.S. 1-19834
- Galim, M.B., Kirichkov, S.E. On the oscillation cycle theory of the zonal circulation of the atmosphere 1-54180
- Galim, N.M. Temperature-field calculations for a cylindrical fuel element with boundary conditions of the third kind that vary along the perimeter 1-1798
- Galindo, J. *see* Bilgen, E. 1-43812
- Galinin, A.V. *see* Gaisinskii, I.M. 1-42196
- Galiniul, R.V. Classification of directions in crystallographic point groups according to the symmetry principle 1-711
- Galiniul, R.G., Khalimov, G.G. Investigation of nonlinear oscillations of a gas in open pipes 1-11467
- Galivel, P. *see* Fruman, D.H. 1-24851
- Galka, M., Severin, H. Diffraction of plane electromagnetic waves by infinitely long 'black' screens of finite width and thickness 1-1441
- Gal'kevich, E.P. *see* Nedostup, V.I. 1-11484, 1-51899
- Galkin, A.A., Tsymbal, L.T., Cherkasov, A.N. On the separation of ballistic and wave-type electromagnetic excitations in metals 1-43014
- Galkin, A.A., Zaitsev, V.I., Akimov, G.Ya., Streltsov, V.A. Deformation hardening and dislocation double transverse slip under plastic deformation of hydrostatically compressed NaCl single crystals 1-34354
- Galkin, A.A., Zaitsev, V.I., Barbashov, V.I., Tkachenko, Yu.B., Streltsov, V.A. High hydrostatic pressure effect on dislocation mobility in alkali halides 1-34424
- Galkin, A.A., Zaitsev, V.I., Rymushina, T.A. Evolution of dislocation structure under the influence of anisotropic compression effects 1-34349
- Galkin, A.L. *see* Arsenin, V.Ya. 1-34047
- Galkin, L.M. *see* Shul'man, Z.P. 1-29673
- Galkin, L.M. *see* Volchenok, V.F. 1-29674
- Galkin, L.S. Time variations in absorption by ammonia in the 6450 Å band in Jupiter's atmosphere 1-49569
- Galkin, V.S., Kogan, M.N. Derivation of the equations of slow nonisothermal gas flows 1-24834
- Galkin, Yu.A. *see* Popov, N.A. 1-2264
- Galkin, Yu.A. *see* Shorshorov, M.Kh. 1-3887
- Galkina, N.S. *see* Volyak, T.B. 1-24474
- Galkina, T.I. *see* Gbagew, V.S. 1-2973, 1-47492
- Galkowski, A., Gluchowski, W., Kaliski, S., Swierczynski, R. Numerical calculations of explosion-induced compression of matter in conical system 1-37018
- Gall', A.L. *see* Le Gall', A.
- Gall, H.L. *see* Le Gall, H.
- Gall, J.L. *see* Le Gall, J.
- Gall, P.D. *see* Diddens, A.N. 1-14747, 1-23998
- Gall, P.D. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Gall, R. *see* Walko, R. 1-49344
- Gall', R.N., Sachenko, V.D. Possibility of compensating the aberrations of magnetic sector analyzers 1-40893
- Gallagher, A. *see* Brillet, W.-U.L. 1-1179

- Gallagher, H.J., Gaylord, T.K., Moharam, M.G., Guest, C.C. Reconstruction of binary-data-phase thick holograms for an arbitrarily oriented reference beam 1-41620
- Gallagher, J. Optics in the far infrared. I. Device requirements, antennas and diplexers 1-33790
- Gallagher, J. *see* Miles, P.A. 1-29310
- Gallagher, J.H. *see* Meaney, T.F. 1-43989
- Gallagher, J.J. *see* Simpson, O.A. 1-10727
- Gallagher, J.S., Wirth, A. Photoelectric color measurements of outer rings in galaxies 1-22882
- Gallagher, J.S. *see* Wirth, A. 1-44649
- Gallagher, J.W. Administrative communications—Peach Bottom atomic power station 1-23809
- Gallagher, N.C. *see* Sweeney, D.W. 1-15129
- Gallagher, N.C., Jr., Bucklew, J.A. Nondetour phase digital holograms. An analysis 1-19283
- Gallagher, P.K., Johnson, D.W., Jr., Schreiber, H., Jr., Vogel, E.M. Effects of additions of TiO_2 , SnO_2 , Ga_2O_3 , and MgO on the phase equilibria, stoichiometry, and lattice parameter of $\text{Ni}_{0.89}\text{Fe}_{0.11}\text{O}_4$ 1-38505
- Gallagher, P.K. *see* Blann, P. 1-4008
- Gallagher, P.W., Aras, N.K., Walters, W.B. Decay of ^{89}Mo to levels of ^{89}Nb 1-45428
- Gallagher, P.W. *see* Aras, N.K. 1-662
- Gallagher, R., Nussler, H.-D., Spencer, P.J. Computer calculation of multicomponent phase equilibria 1-42514
- Gallagher, T.F., Ruff, G.A., Safinya, K.A. Resonant electronic to vibrational energy transfer from Na to CH_4 and CD_4 1-1339
- Gallagher, T.F. *see* Safinya, K.A. 1-1189, 1-1353, 1-24098
- Gallagher, T.J. *see* Saunders, D.A. 1-7874
- Gallagher, W.J. Compound geometric resonances in superconducting proximity-effect sandwiches 1-3114
- Gallagher, W.J. *see* Chi, C.C.J. 1-30896
- Galland, A. *see* Grassie, T.G. 1-53919
- Galland, D. *see* Picoli, G. 1-35085
- Galland, J. *see* Wenger, F. 1-39508
- Gallant, A.J. *see* Hoff, R.M. 1-32419
- Gallardo, J., Mattis, D.C. Improved Landau-Ginzburg equation near surfaces of solids 1-18173
- Gallardo, L. Speed and asymptotic behaviour of Brownian movement on nilpotent groups 1-33125
- Gallardo, M. *see* Ranea Sandoval, H.F. 1-46023
- Gallardo, M. *see* Scaffardi, L. 1-10987
- Gallart, J., Dalgneries, M., Banda, E., Surinach, E., Hirn, A. The eastern Pyrenean domain: lateral variations at crust-mantle level 1-44127
- Gallart, J. *see* Hirn, A. 1-44126
- Gallas, J.A.C., Chakraborty, B.P. Vibrational transition probabilities with an asymptotic expansion for the Morse oscillator 1-51247
- Galle, P. Biomedical applications of secondary ion emission micro-analysis 1-32328
- Galle, P. *see* Spurr, A.R. 1-32330
- Gallego, J.M., Rechal, H.S., Thomas, C.B. Modified electrometer for constant current I-V measurements 1-36703
- Galler, B. *see* Piszczalski, M. 1-37729
- Gallery, W.O. *see* Shettle, E.P. 1-9243
- Gallisty, G.D. Elastic-plastic buckling and collapse of ellipsoidal and torispherical shells subjected to uniform internal pressure 1-6802
- Galletta, G. *see* Benacchio, L. 1-27612
- Galli, E., Majni, G., Nobili, C., Ottaviani, G. Gold-aluminum intermetallic compound formation 1-2707
- Galli, E. *see* Alberti, A. 1-47049
- Gallira, J. *see* Splawski, B.A. 1-45564
- Galliard, D.W., Jaswal, S.S. Elastic constants of CdI_2 -structure crystals 1-47145
- Gallie, T.M. *see* Barr, R.C. 1-32277
- Galligan, J.M., Goldman, P.D. Metal interstitial solid solution strengthening 1-21472
- Galligan, J.M. *see* Garoschen, T.J. 1-16778
- Gallily, I. *see* Schiby, D. 1-17114
- Gallimberti, I. Discussion of the comments on 'the mechanism of the long spark formation' 1-34174
- Gallinella, E., Cadioli, B. The conformation of the high-energy isomer of methyl vinyl ether from the infrared spectra of the liquid and gaseous phases 1-37353
- Gallio, M. *see* Dellacasa, G. 1-14766
- Gallio, M. *see* Stanovnik, A. 1-23950
- Gallivan, J. *see* Chabaud, V. 1-50468
- Gallivan, J. *see* Chabaud, V. 1-10392
- Gallivan, J. *see* Daum, C. 1-14424, 1-28357
- Gallivan, J. *see* Gorlich, L. 1-5656
- Gallivan, K.A. *see* Leung, J.C.M. 1-28549
- Gallmann, A. *see* Heusch, B. 1-45558
- Galloni, G. *see* Carloti, M. 1-37201
- Gallot, B. Mesomorphic structures of block copolymers: study techniques and observed structures 1-38261
- Galloway, G.J. On the topology of Wheeler universes 1-17919
- Galloway, R.B. *see* Liritzis, Y. 1-6079
- Gallucci, R.H.V., Hockenbury, R.W. Loss of safety functions due to nuclear plant fires 1-5921
- Galonsky, A. *see* Horen, D.J. 1-50568
- Galonsky, A. *see* Huffman, R. 1-5795
- Galonsky, A. *see* Sterenberg, W.A. 1-18619
- Gal'per, A.M., Grachev, V.M., Dmitrienko, V.V., Ivanov, K.G., Kirillov-Ugryumov, V.G., Rubtsov, V.I., Ulin, S.E., Shermanzon, E.M. Measurement of the intensity of atmospheric high-energy electrons at airplane altitudes 1-13555
- Gal'per, A.M., Ivanov, K.G., Kirillov-Ugryumov, V.G., Kurochkin, A.V., Leikov, N.G., Rubtsov, V.I., Yurkin, Yu.T. Measurement of the intensity of hard atmospheric gamma radiation at airplane altitudes 1-13554
- Gal'perin, A., Ivanov, E., Ogievetski, V. Grassman analyticity and supersymmetry broadening 1-50348
- Galperin, A.S., Mitsel'makher, G.V., Olshetskii, A.G., Pervushin, V.N. On the possibility of studying spin polarizability in radiative scattering off of nuclei at high energies 1-10259
- Gal'perina, B.A. *see* Vainshtein, A.A. 1-43392
- Galpern, A.D., Brui, V.P. Recording of composite Fresnel holograms 1-41643
- Galpern, A.D. *see* Smirnov, A.P. 1-6499
- Galperin, Yu.I. *see* Sauvaud, J.A. 1-17739
- Galster, W. *see* Treu, W. 1-23618
- Galstyan, S.R. *see* Arakelyan, S.M. 1-19393
- Galt, J. *see* Baker, D.J., Jr. 1-13562
- Gal'tsev, A.P., Kiselev, B.A., Lobanova, G.I., Shli-shevskiy, V.B. Some results of investigation of the airglow spectrum with a scanning spectrometer 1-4672
- Gal'tsov, D.V. *see* Aliev, A.N. 1-44817
- Gal'tsov, V.S. *see* Bogomolov, V.N. 1-28780
- Galutska, B. *see* Tyutyukov, N. 1-2873
- Galushkin, A.N. *see* Aleksandrov, G.V. 1-49134
- Galushko, N.P. *see* Babenko, V.A. 1-43233
- Galvao, C.A. Classical $1/2$ spin particles interacting with gravitational fields: a supersymmetric model 1-23095
- Galvao, R.M.O., Machado, W.V., Sakanaka, P.H. Influence of equilibrium flows on the resistive internal kink and reconnecting modes 1-51929
- Galvez, E. *see* Bellanato, J. 1-12493
- Galvin, G.D., Hutton, J.F., Jones, B. Development of a high-pressure, high-shear-rate capillary viscometer 1-38028
- Galvin, J.M., Wallace, R.E., Bloch, P., Cheng, E. Computer calculation of the dose distribution in the electron build-up region 1-9037
- Galvin, M.J., Jr., Parks, D.L., McRee, D.J. Microwave irradiation and in vitro release of enzymes from hepatic lysosomes 1-32187
- Galy, J., Birot, A., Brunet, H., Dijols, H., Millet, P., Salameiro, Y. Kinetics of the energy transfers in ArXe mixtures 1-46092
- Galy, J. *see* Jaud, J. 1-47058
- Galy, J. *see* Maury, F. 1-25207
- Galy, J. *see* Millet, P. 1-41393
- Galy, J. *see* Salameiro, Y. 1-41477
- Galybin, N.N. *see* Andreeva, I.B. 1-37671
- Galyon, G.T. *see* Curry, W.J. 1-8225, 1-8450, 1-12670, 1-48258
- Galyper, A.M., Kurochkin, A.V., Leikov, N.G., Luchkov, B.I., Lazarev, S.A., Prilutskii, O.F. On increasing the angular resolution of gamma-ray telescopes 1-17769
- Gama, M.M.Telo da *see* Telo da Gama, M.M.
- Gama, M.M.Telo da *see* Telo da Gama, M.M.
- Gamali, E.G. *see* Ajanaev, Yu.V. 1-15635
- Gamali, E.G., Gasilov, V.A., Lebo, I.G., Rozanov, V.B., Tichin, V.F., Favorskii, A.P. Production and dissipation of magnetic fields in plasma created by laser 1-11515
- Gamari-Seale, E. *see* Yakinthos, J.K. 1-30922
- Gamari-Seale, H. Magnetic susceptibility measurements of the intermetallics R_2Pt ($\text{R}=\text{La}, \text{Ce}, \text{Pr}, \text{Gd}$) 1-30923
- Gamari-Seale, H. Evidence for a spin glass state in the intermetallic compounds Gd_2Pd_4 , Pt_4 1-34886
- Gamayunov, N.I., Ispryan, R.A., Sheinman, A.A. A method of statistical modeling to estimate the error in determining the coefficient of moisture diffusion 1-52350
- Gamba, A. Computation of eigenvalues and eigenvectors of a symmetric matrix 1-40632
- Gamba, D. *see* Allasia, D. 1-23495
- Gamba, D. *see* Esriques, O. 1-23490
- Gambardo, A. *see* Pasimeni, L. 1-14935
- Gambiarotta, L. *see* Alpa, G. 1-37847
- Gamberale, R. *see* Di Cocco, A. 1-49473
- Gambhir, Y.K., Venkatraman, P., Raghavendra Rao, P., Parthasarathy, R. Microscopic description of total muon capture rates for even isotopes of Ti, Cr and Fe 1-41102
- Gambier, G. The different ways of using plutonium in PWRs 1-5852
- Gambin, B., Kroner, E. Convergence problems in the theory of random elastic media 1-29547
- Gambini, R., Trias, A. Second quantization of the free electromagnetic field as quantum mechanics in the loop space 1-471
- Gambini, R., Trias, A. Geometrical origin of gauge theories 1-45142
- Gambini, R., Trias, A. Exact solutions of the motion equations for a classical spinning particle with radiation damping 1-46203
- Gambino, M., Bros, J.-P. The ternary bismuth-gallium-zinc system. I. Calorimetric study between 660K and 873K. Heat of formation and localisation of the miscibility gap based on bismuth-zinc system 1-53455
- Gambino, M. *see* Fornari, M. 1-21761
- Gambino, R.J. *see* Cadieu, F.J. 1-25825
- Gambino, R.J. *see* Fukamichi, K. 1-7577
- Gambino, R.J. *see* McGuire, T.R. 1-34689
- Gambis, D. *see* Feissel, M. 1-53953
- Gambis, D. *see* Nouel, F. 1-44092
- Gambo, K. Numerical weather prediction and data processing 1-27237
- Gambo, L.A.P., Rabinowitz, P.D. The Rio Grande fracture zone in the western South Atlantic and its tectonic implications 1-54049
- Gambry, D. Applications and improvements of the summed progressing wave formalism 1-18048
- Gamerov, S.A. *see* Zhuravlev, Yu.A. 1-15364
- Games, K.P., Baker, M.E. Determination of geo-magnetic archaeomagnitudes from clay pipes 1-44105
- Gamet, R. *see* Alkkofer, O.C. 1-45773
- Gamet, R. *see* Aubert, J.J. 1-5630
- Gamet, R. *see* Court, G.R. 1-23906
- Gammage, R.B., Vo-Dinh, T. Luminescence monitoring of oil or tar contamination for industrial hygiene 1-13309
- Gammeke, H., Deluigi, B., Scholz, D., Lassen, L. Continuum break-up of ^6Li 1-14507
- Gammel, J.C., Ohno, H., Ballantyne, J.M. High-speed photoconductive detectors using GaInAs 1-45016
- Gammel, J.L. *see* Benofy, L.P. 1-18071
- Gammellaard, P., Rudkjobing, M. The predicted $1s^2-1s6p \text{ H}^-$ auto-ionization resonance observed as a diffuse interstellar line at 7581 Å 1-17884
- Gamo, H. A generalized reciprocity theorem for electromagnetic optics in the moving media 1-41563
- Gamo, H. *see* Sato, H. 1-41759
- Gamo, H. *see* Takahashi, N. 1-46403
- Gamo, K., Ukegawa, T., Inomoto, Y., Kan Ka, K., Namba, S., B. As and Si field ion sources 1-12640
- Gamo, K. *see* Harada, T. 1-43599
- Gamo, K. *see* Murakami, K. 1-52158
- Gamp, A. *see* Homeyer, H. 1-50649
- Gamp, A. *see* Roynette, J.C. 1-45533
- Gamp, A. *see* von Oertzen, W. 1-23702
- Gamp, E. *see* Daul, C. 1-52826
- Gamtsehidze, G.A., Mirzoeva, M.I. The momechanical circulation effect in superfluid helium II 1-7406
- Gamtsehidze, G.A., Mirzoeva, M.I., Tsaava, D.N., Shonia, G.K., al-Sabbani, S. Experimental investigation of the phase transition to the superfluid state in helium located in narrow pores 1-34532
- Gan, L.-M. *see* Teh, H.C. 1-31916
- Ganachaud, J.P. *see* Cailler, M. 1-34387
- Ganachaud, J.-P. *see* Cailler, M. 1-16631
- Ganaha, T., Pearce, B.P., Kerr, H.W. Grain structures in aluminum alloy GTA welds 1-8298
- Ganapathi, V., Smith, J. Electromagnetic production of tritium in muon scattering: Belhe-Heiter reactions with muon and heavy-lepton pairs 1-45294
- Ganapathy, R. A major meteorite impact on the Earth 65 million years ago: evidence from the Cretaceous-Tertiary boundary clay 1-32442
- Ganapathy, S., McDowell, C.A., Raghunathan, P. A nuclear magnetic resonance study of molecular motion in solid L-glutamic acid 1-16497
- Ganapol, B. On the Rayleigh problem of gas kinetics 1-5820
- Ganapol, B.D. The numerical evaluation of the time-dependent emergent intensity from a semi-infinite atmosphere 1-36056
- Ganapol, B.D., Boffi, V.C. The multiple collision method in solving the Boltzmann equation for time-dependent test particle transport 1-44862
- Ganapol, B.D. *see* Henninger, R.J. 1-10471
- Ganapol, B.D. *see* Roybal, J.A. 1-10406
- Ganap, P.S. Optical oscillator strengths for silicon 1-45905
- Ganas, P.S., Green, A.E.S. Electron impact excitation of the neon isoelectronic sequence 1-10845
- Ganazzoli, F. *see* Allegra, G. 1-46179
- Ganbaatar, N. *see* Alkhazov, G.D. 1-45464
- Cancho, G.N. *see* Gaidalya, V.I. 1-23358
- Canci, P. *see* Bebek, C. 1-33191
- Canci, P. *see* Chadwick, K. 1-33192
- Canco, G.N., Mockus, E.B. Electrostatic image forming electrographic photoconductive layers 1-20823
- Candais, M. *see* Kovacs, M.P. 1-15894
- Candel, M.G. Life cycle test of air force nickel-hydrogen flight experiment battery 1-53601
- Candelman, I.L., Tikhonov, E.A., Shpak, M.T. Effects of nonuniform excitation on output parameters of dye lasers with directional pumping 1-1564

- Gandel'man, I.L., Tikhonov, E.A., Shpak, M.T. Kinetics of the spectra of pulsed lasers based on complex organic compounds with laser excitation 1-41689
- Gandel'sman, M.I. *see* Budtov, V.P. 1-12860
- Gander, M.R. Moving-coil loudspeaker topology as an indicator of linear excursion capability 1-41937
- Gander, R.E., Frecker, R.C. Precise stimulus for the measurement of visual flicker sensitivity 1-17469
- Gandhi, D. *see* Baggott, R. 1-39425
- Gandhi, O.P. *see* Chatterjee, I. 1-26936
- Gandhi, O.P. *see* D'Andrea, J.A. 1-4326
- Gandhi, O.P. *see* Hagmann, M.J. 1-49062
- Gandhi, O.P. *see* Riaz, A. 1-40838
- Gandhi, R. *see* Garg, V.P. 1-45420
- Gandini, A. Generalized perturbation theory for nonlinear systems from the importance conservation principle 1-45579
- Gandoia, B. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Gandra, F.C.G. *see* Barberis, G.E. 1-26032
- Gandra, F.G., Pella, C.A., Barberis, G.E., Davydov, D., Rettori, C. ESR of Au:Yb thin films: Crystal-field effects and the Kondo dilemma 1-21046
- Gaudsman, J. *see* Dankowich, J.A. 1-50460
- Gane, C.R. *see* Balfour, J.D. 1-28559
- Gane, C.R. *see* Fallows, T. 1-28585
- Ganelia, V.Ya. *see* Morokhov, I.D. 1-26775
- Ganenko, V.B., Gendenshtein, L.E., Miroshnichenko, I.I., Morokhovskiy, V.L., Pegushin, E.V., Sanin, V.M., Shalatskiy, S.V. Structure in orientational dependences and radiation spectra on the transition of ultra-relativistic electrons through diamond and Si monocrystals 1-2542
- Ganes, T. A study of peripheral, cervical and cortical evoked potentials and afferent conduction times in the somatosensory pathway 1-26916
- Ganesan, N. *see* Laura, P.A.A. 1-19619
- Ganesan, N. *see* Muthuveerappan, G. 1-1863
- Ganesan, N. *see* Ramachandra Reddy, C.V. 1-37835
- Ganesan, S. Further comments on 'Helium production in stainless steel' 1-23756
- Ganev, G.S., Yankov, I.D. Ratemeters with two integrating circuits 1-14775
- Ganezer, K.S. Consistency of the field transformation and constraint algebras of supergravity 1-23085
- Gang Ruan *see* Ruan Gang
- Gangadhar Rao, L.V. *see* Somayajulu, Y.K. 1-54110
- Gangal, A.D., Roy, S.M. Absolute bounds on pion-pion amplitudes in the physical region and threshold behaviour 1-5649
- Ganger, B. Gas discharges in non-uniform fields 1-34131
- Ganger, B. The influence of preionization on the ignition properties of the spark gap 1-52005
- Gangl, A.F. *see* Bok Sub Byun 1-36638
- Gangrskil, Yu.P., Miller, M.B., Utenkov, V.K. Detection of fission fragments with thin-film, solid-state capacitors 1-51042
- Gangulee, A. *see* Ahn, K.Y. 1-52813
- Gangulee, A. *see* Taylor, R.C. 1-3157
- Ganguli, N.R. *see* Datta, A.K. 1-46631
- Ganguli, S. *see* Tibarewala, D.N. 1-17511
- Ganguli, S.N., Roy, D.P. Regge phenomenology of inclusive reactions 1-40976
- Ganguly, K. On the existence of a solution for a slab critical problem 1-18063
- Ganguly, K., Sengupta, A. Interface and source problems by a transport theoretic P_N approximation 1-41163
- Ganguly, S. *see* Richmond, A.D. 1-9317
- Ganguly, T., Banerjee, S.B. Electronic absorption spectra and hydrogen bonding behaviour of aniline and phenetidines 1-12521
- Gangwter, T.E. *see* Pillay, K.K.S. 1-45622
- Ganic, E.N., Roppo, M.N. An experimental study of falling liquid film breakdown on a horizontal cylinder during heat transfer 1-25536
- Ganber, A.S. *see* Azhdarov, G.Kh. 1-47531
- Gania, E. *see* Hall, I.W. 1-16861
- Ganjel, J.D., Colton, R.J., Murday, J.S. SIMS molecular cluster intensities of inorganic salts containing sulfur and nitrogen oxyanions 1-19331
- Ganley, D.C., Kanasewich, E.R. Measurement of absorption and dispersion from check shot surveys 1-22524
- Gann, A.V., Noga, V.I., Ranyuk, Yu.N., Telegin, Yu.N., Jonsson, G.G. Electro- and photo-dissociation of carbon and copper nuclei 1-18645
- Gannou, E. *see* McBrean, J. 1-48831
- Gannou, J.R. Optical fibre materials for operating wavelengths longer than 2 μ m 1-29391
- Gannou, J.R. *see* Rosiewicz, A. 1-46471
- Gant, P. Computer-aided methods for the investigation of solution equilibria 1-13031
- Ganschow, O., Nitz, H.M., Wiedmann, L., Benninghoven, A. Combined SIMS, AES and XPS study of $Cd_2Hg_{1-x}Te$ 1-30538
- Ganschow, O., Wiedmann, L., Benninghoven, A. Combined SIMS, AES, and XPS investigations of oxygen-covered 3d transition metal surfaces 1-30572
- Gant, H. *see* Monch, W. 1-16345
- Gantcheva, T.S. *see* Moussa, M.I. 1-12448
- Gantmakher, V.F., Zverev, V.N. Resonant recombination of photo-excited light holes in germanium located in a magnetic field 1-34750
- Gantmakher, V.F., Zverev, V.N. Experimental investigation of the non-parabolicity of light hole band in germanium [photoconductivity] 1-47701
- Gantois, M. *see* Gerardin, D. 1-39331
- Gantozzi, G. *see* Rouby, D. 1-21537
- Gantschewa, T., Radewa, K., Shilov, N. On the action of softeners in PVC mixtures and their temperature-viscosity dependence 1-8319
- Gantschewa, T. *see* Bishewa, L. 1-39380
- Ganulich, B.K. *see* Gny, I.P. 1-4034
- Ganza, E.A. *see* Bogatin, V.I. 1-18627
- Ganzerli Valentini, M.T. *see* Albini, A. 1-35720
- Ganzha, V.L. *see* Borodulya, V.A. 1-19709
- Ganzorig, Dz., Hansen, P.G., Johansson, T., Johnson, B., Konij, J., Krogulski, T., Polikanov, S.M., Tibell, G., Westgaard, L. Fission of ^{232}Th and ^{238}U in the interaction with negative muons 1-23697
- Gao, J.G., Ruffini, R. On the formation of massive neutrino halos in a Gamow cosmology 1-54677
- Gao Chong-shou *see* Zhou Guang-zhao 1-18423, 1-45188
- Gao Guo-Ru, Wang Xiao-Wei. An anomalous internal friction phenomenon in Al-0.5 wt.% Cu alloys within the audio frequency range 1-52228
- Gao Ji Hong *see* Ji Hong Gao
- Gao Jian Gong *see* Jian Gong Gao
- Gao Lin-zheng *see* Liu Shi-jie 1-22499
- Gao Meijuan *see* Chen Jinquan 1-28884
- Gao Ming-Xiu *see* Shi Hui-Xin 1-4429
- Gao Pei-Juan *see* Yang Tian-long 1-51615
- Gao Qiao-jun *see* Wu Zi-qin 1-20410
- Gao Tianfu, Shang Erchang. Transformation between mode representation and generalized ray representation of sound field 1-36499
- Gao Zhi, Zhao Shu-tao. An analytical model for predicting gain, intensity and output power of fast-speed-flowing gas lasers 1-1542
- Gao Zhi *see* Wang Ru-quan 1-29718
- Gao Zhi-wei *see* Wei Cheng-lian 1-20281
- Gao-Jian Zeng *see* Zeng Gao-Jian
- Gao-qi Zhong *see* Zhong Gao-qi
- Gaolian Liu *see* Liu Gaolian
- Gapaia, D., Le Corre, C. Is the Hercynian belt of Brittany a major shear zone? 1-27124
- Gapanovich, V.G., Kolomenskiy, A.A. Ion acceleration in direct high-current electron beams 1-974
- Gapienko, G.S. *see* Ammosov, V.V. 1-40980
- Gapienko, G.S. *see* Efremenko, V.I. 1-33173
- Gapienko, V.A. *see* Ammosov, V.V. 1-40980
- Gapienko, V.A. *see* Efremenko, V.I. 1-33173
- Gaplovska, K. *see* Zorkova, L. 1-26729
- Gaponov, A. *see* Jonker, M. 1-10194
- Gaponov, S.A. Influence of nonparallel flow on the development of disturbances in a supersonic boundary layer 1-51803
- Gaponov, S.A. *see* Yanenko, N.N. 1-37884
- Gaponov, S.V., Luskin, B.M., Salashchenko, N.N. Superlattices based on InSb-CdTe, InSb-PbTe, Bi-CdTe pairs 1-38846
- Gaposchkin, E.M. Global gravity field to degree and order 30 from Geos 3 satellite altimetry and other data 1-44068
- Garabedian, P. *see* Bauer, F. 1-38074
- Garava, R.N. *see* Naumov, V.A. 1-33573
- Garaimovich, O.A. *see* Bondarenko, E.A. 1-38824
- Garam, D. *see* Yashina, R.M. 1-44188
- Garaniin, A.V. *see* Urusov, V.S. 1-30401
- Garaniin, V.K. *see* Gas'kov, A.M. 1-42513
- Garas, F.K., Chalmers, A.G. Development of prestressed concrete pressure vessels for HTR 1-18780
- Garas, F.K., Waite, B.R., Fleischer, C.C. Experimental and analytical studies of shear behaviour of slabs subjected to multiaxial stress conditions 1-37001
- Garaschchenko, F.G., Sokolov, L.S., Tsulaya, A.V. Optimization of quasiperiodic structures in a linear resonance ion accelerator 1-51000
- Garashina, L.S., Sobolev, B.P., Aleksandrov, V.B., Vishnyakov, Yu.S. Crystal chemistry of rare earth fluorides 1-2390
- Garat, A. *see* Bezin, S. 1-43830
- Garavaglia, M. *see* Bolognini, N. 1-6836
- Garavaglia, M. *see* Ranea Sandoval, H.F. 1-46023
- Garavaglia, M. *see* Scaffardi, L. 1-10987
- Garavaglia, M. *see* Sicre, E.E. 1-10929, 1-46234
- Garavaglia, M. *see* Zerbino, L.M. 1-19293
- Garavaglia, T. Gauge theory predictions for polarized electron-neutrino scattering 1-33171
- Garba, N.I. *see* Glebkin, A.A. 1-39229
- Garbacz, J.K., Jaroniec, M., Derylo, A. The adsorbate-adsorbate association model in localized adsorption of gases on random heterogeneous surfaces 1-38667
- Garbaczewski, P. A concept of spin 1/2 approximation in the quantum theory of lattice Bose systems 1-9921
- Garban-Labaune, C. *see* Fabre, E. 1-11577
- Garbaczynski, J., Sterzynski, T. Influence of the cooling conditions on the structure of polyamide castings 1-26515
- Garbarz, B. *see* Bold, T. 1-31797
- Garbassi, F. XPS and AES study of antimony oxides 1-42615
- Garbassi, F., Bart, J.C.J., Petrini, G. XPS study of tellurium-niobium and tellurium-tantalum oxide systems 1-53048
- Garbassi, F., Bossi, A., Petrini, G. Co-precipitated $\text{RuO}_2\text{-Al}_2\text{O}_3$ catalysts: bulk and surface characterization 1-8630
- Garber, M., Sampson, W.B. Quench properties of high current superconductors 1-47796
- Garber, M. *see* McInturff, A.D. 1-51005
- Garber, R.I. *see* Belozorov, D.P. 1-26042
- Garber, S.R. *see* Creel, D. 1-39943
- Garbincius, P. *see* Craddock, W. 1-45768
- Garbovitskaya, T.G., Paritskaya, L.N. The role of overlap width in interdiffusion in thin film specimens of the butt-jointed type 1-11918
- Garbutt, D.A. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Garbuz, P.P. *see* Efimov, G.V. 1-12702
- Garbuzov, A.S. *see* Popov, V.S. 1-31753
- Garche, J. *see* Papazov, G. 1-53575
- Garcia, A., Juares W., S.R. General form of the β energy spectrum in charged-hyperon β decay 1-554
- Garcia, A. Lopez *see* Lopez Garcia, A.
- Garcia, E.A. Diffusion in a semi-infinite system with a moving interface at constant temperature for application to α -zirconium oxidation at high temperature 1-12925
- Garcia, E.A. Diffusion in a semi-infinite medium with a moving boundary during a temperature gradient 1-34500
- Garcia, E.A. *see* Denis, A. 1-35423
- Garcia, E.V. *see* Chapman, D.H. 1-17477
- Garcia, J.A., Mercader, L. Calculation of digital radio-relay links. II. Rainfall statistics and examples 1-40176
- Garcia, J.D., Fortner, R.J., Werner, H.C., Schneider, D., Stollerfoht, N., Ridders, D. Quasimolecular inner-shell charge-transfer cross sections for light projectiles in solids 1-16643
- Garcia, J.D. *see* Reed, K.J. 1-1351
- Garcia, J.L. *see* Caumette, P. 1-18783
- Garcia, J.L. *see* Garcia Calderon, M.A. 1-51932
- Garcia, L., Ranada, A.F. A classical model of the nucleus 1-5486
- Garcia, M., Balianus, S.L., Conroy, M., Johnston, M.D., Ralph, E., Roberts, W., Schwartz, D.A., Tonry, J. Optical identification of $\text{H}0123+075$ and $4\text{U } 1137-65$: hard X-ray emission from RS Canum Venaticorum systems 1-4996
- Garcia, M.A., Mateos, F., Quintana, J.A. Holographic diffraction efficiency and low-intensity reciprocity failure 1-1528
- Garcia, N. *see* Benedek, G. 1-53037
- Garcia, N. *see* Nieto-Vesperinas, M. 1-19268
- Garcia, R., Weisshaar, T.A., McWhitney, R.R. An experimental and analytical investigation of the rail shear-test method as applied to composite materials 1-35308
- Garcia, R.D.M., Siewert, C.E. A multiregion calculation in the theory of neutron diffusion 1-749
- Garcia, R.D.M. *see* Siewert, C.E. 1-29728
- Garcia, R.I., Szabo, G. Helium-cadmium laser (325 nm) irradiation of pigmented and unpigmented mammalian skin: electron microscopic effects on dermal nerve fibers 1-35841
- Garcia Brigos, J.P. *see* Abramova, L.M. 1-22199
- Garcia Cacho, J.A. *see* Besada, J.L. 1-21692
- Garcia Calderon, M.A., Garcia, J.L. Parametric instabilities in a magnetoelectric plasma produced by a discharge of electromagnetic waves 1-51932
- Garcia-Blanco, S. *see* Cano, F.H. 1-24281
- Garcia-Colina, L.S. *see* Grmela, M. 1-2129
- Garcia-Fernandez, P., Gonzalez-Diaz, P.F. Infrared spectra of calcium-strontium arsenate apatites 1-31154
- Garcia-Franco, C.A., Christensen, R.M. Non-Newtonian behavior of suspensions 1-2035
- Garcia-Golding, F. *see* Rodriguez, M. 1-2569
- Garcia-Lopez, J.A., Casares-Giner, V. Modified Lin's empirical formula for calculating rain attenuation on a terrestrial path 1-36026
- Garcia-Prieto, J., Novaro, O. Nonadditive effects in metal clusters and chemisorption. Pseudopotential study of palladium clusters 1-7452
- Garcia-Prieto, J., Novaro, O. Pseudopotential SCF study of the palladium atom-ethylene system 1-28866
- Garcia-Sucre, M., Bunge, M. Geometry of a quantum system 1-49964
- Garcilazo, H. The contribution of reflections to the Lorentz-Lorentz effect 1-10874
- Garcilazo, H. Relativistic effects in the three-nucleon bound-state problem 1-36901

- Garciázo, H. The one-pion-exchange potential in the three-body model of nucleon-nucleon scattering 1-45249
- Garciázo, H., Wilde, R.R. The inverse scattering problem with energy-dependent separable potentials and its application to the S-wave nucleon-nucleon interaction 1-10246
- Garcin, J. see Donati, A. 1-5873
- Garcon, M. see Boudard, A. 1-41117
- Gard, J.A. see Dixon, S. 1-31443
- Gardavsky, J. see Jakim, J. 1-46828
- Gardavsky, J. see Zvara, M. 1-21224
- Garde, M. Perez see Perez Garde, M.
- Gardes, D. see Borderie, B. 1-23703
- Gardes, D. see Hubert, F. 1-5034
- Gardette, R. see Bisconte, J.-C. 1-53924
- Gardlyan, R.S., Durgaryan, A.A., Vardapetyan, R.P. Amplitude and orientation dependences of the absorption of ultrasound in germanium crystals 1-25381
- Gardlyan, R.S. see Durgaryan, A.A. 1-25382
- Gardineer, B.A. see Cutler, R.S. 1-7899
- Gardiner, D.J. see Lees, A.J. 1-48073
- Gardiner, M.K. see Colbourne, D. 1-31312
- Gardini, E. see Monti, S. 1-29016
- Gardini, L. see Cavallotti, P. 1-35563
- Gardioli, F. Acoustics and microwaves—similar but yet different 1-24551
- Gardner, A. see Schmitz, F. 1-822
- Gardner, C.S., Sechrist, C.F., Shelton, J.D. Lidar observations of the Mount St. Helens dust layers over Urbana, Illinois 1-4607
- Gardner, C.S. see Shelton, J.D. 1-44352
- Gardner, D. see Hsieh, S.Y. 1-45736
- Gardner, D.L. see Armstrong, C.G. 1-22045
- Gardner, F.F., Godfrey, P.D., Williams, D.R. Observations of the ^{12}C and ^{13}C isotopes of formamide at 19 cm 1-27589
- Gardner, J.A. see Dupree, R. 1-26053
- Gardner, J.L. Effective wavelength for multicolor pyrometry 1-5317
- Gardner, J.W., Anderson, A.C. Low-temperature specific heat and thermal conductivity of neutron-irradiated crystalline quartz 1-38551
- Gardner, J.W., Anderson, A.C. Effect of neutron irradiation on the low-temperature specific heat and thermal conductivity of magnesium oxide 1-47119
- Gardner, K., Pike, E.R., Govan, J.A., Hill, D.W. Laser Doppler retinal blood flow measurements 1-43934
- Gardner, K.L. Impregnation technique using colored epoxy to define porosity in petrographic thin sections 1-36068
- Gardner, R. Ray models of concave mirrors and convex lenses 1-27754
- Gardner, R.H., Huff, D.D., O'Neill, R.V., Mankin, J.B., Carney, J., Jones, J. Application of error analysis to a marsh hydrology model 1-36005
- Gardner, R.P., Verghese, K., Lee, H.-M. The average solid angle subtended by a circular detector coaxial to a circular isotropic source 1-18986
- Gardner, W.B. see Cherin, A.H. 1-6669
- Gardner, W.L. see Johnson, R.L. 1-990
- Gardner, W.L. see Menon, M.M. 1-985
- Garagnani, A. see Bonetti, R. 1-23664
- Garel, T. Mean-field theory of spin glasses: a spinodal analogy 1-187
- Garel, T., Doniach, S. On the critical behaviour of two-dimensional XY helimagnets 1-20994
- Garel, T. see Orland, H. 1-38946
- Garfagnini, R. see Balestra, F. 1-28504
- Garfagnini, R. see Bonazzola, G.C. 1-18906
- Garfinkel, A.F. see Derrick, M. 1-45261
- Garfinkel, B. Theory of the Trojan asteroids. III 1-4807
- Garfinkel, M. see Chow, T.P. 1-43553
- Garg, A., Srivastava, R.C. Elastic constants of ammonium fluoroborate by thermal diffuse scattering of X-rays 1-7224
- Garg, A.C., Trounstein, C.K. Influence of water on fracture behaviour of random fiber glass composites 1-3946
- Garg, H.P., Rani, U. Loss coefficients from solar flat-plate collectors 1-39818
- Garg, H.P., Rani, U., Chandra, R. Optimization of fin and tube parameters in a flat-plate collector 1-43802
- Garg, H.P. see Malhotra, A. 1-32040
- Garg, H.P. see Nahr, N.M. 1-39820
- Garg, J.B., Tikku, V.K., Halperin, J., Macklin, R. Neutron capture cross section in ^{64}Zn 1-45483
- Garg, J.B., Tikku, V.K., Harvey, J.A. Neutron widths and level spacings of $^{64}\text{Zn}+n$ 1-45482
- Garg, J.C. see Jain, D.K. 1-20883
- Garg, K.B., Sharma, B.K., Jain, D.C., Sinha, A.I.P. White lines at the L_{II} , L_{III} , and L_{III} absorption edges of some rare earth compounds 1-26303
- Garg, K.B. see Jain, D.C. 1-31230
- Garg, M.R. see Barron, R.M. 1-42100
- Garg, N.R. see Gaur, V.K. 1-44106
- Garg, S. see Mohan, R. 1-41158
- Garg, S.B.L. see Lal, K.M. 1-3882
- Garg, S.K., Ripeester, J.A., Davidson, D.W. Analysis of NMR lineshapes of rigid-lattice multipin systems. III. Bond length and ^{19}F chemical shielding in SF_6 , SeF_6 , and TeF_6 1-14921
- Garg, S.K. see Pritchett, J.W. 1-36081
- Garg, U., Bogucki, P., Bronson, J.D., Lui, Y.-W., Rozsa, C.M., Youngblood, D.H. Splitting of the giant monopole resonance with deformation in Sn nuclei 1-28445
- Garg, U. see Chowdhury, P. 1-45406
- Garg, U. see Sjoreen, T.P. 1-41034
- Garg, V.K. Spatial stability of concentric annular flow 1-11458
- Garg, V.K. Spatial stability of the non-parallel Bickley jet 1-46794
- Garg, V.K. Mossbauer studies of iron sulphide minerals 1-52880
- Garg, V.K. Determination of Mossbauer electric field gradient 1-52881
- Garg, V.K. see Gupta, S.C. 1-46805
- Garg, V.P., Verma, A.K., Gandhi, R., Sharma, S.D. Magnetic dipole moments of deformed odd-odd nuclei up to 2p-1f shells 1-45420
- Gargarin, S.G. Valence-band electronic structure of deposited metals 1-25627
- Gari, M., Niephaus, G., Sommer, B. Nucleus as a meson-baryon system 1-3690
- Garibaldi, F. see Jans, E. 1-28470
- Garibotti, C.R., Grinstein, F.F., Miraglia, J.E. Calculation of the non forward scattering amplitude for long range potentials 1-10803
- Garibotti, C.R., Miraglia, J.E. Asymmetry of the CTC peak on the forward cross section for ionisation of a H atom by a fast stripped ion 1-46107
- Gariyán, O.V. see Arakelyan, S.M. 1-13993
- Gariel, J. On a method of presenting classical thermodynamics for irreversible processes 1-23132
- Garifulin, I.A., Khaliullin, G.G., Kharakhshyan, E.G., Farzan, T.O., Kukovitskii, E.F. Effect of uniaxial stress on the EPR spectra of the Er^{3+} ions in Cu 1-47944
- Garisto, F., Sanctuary, B.C. Spin transitions in time-dependent magnetic fields 1-46171
- Garisto, F. see Sanctuary, B.C. 1-5350
- Garito, A.F. see Megert, S. 1-42369
- Garkusha, I.P., Kuznetsov, A.N. Recording the change in surface roughness during laser strengthening of a surface 1-43549
- Garkusha, L.N., Sperkach, V.S., Cholan, P.F. Investigation of the equilibrium properties of isoviscous solutions of n-paraffins 1-7223
- Garkusha, V.I., Kartashev, V.P., Kotov, V.I., Sakharov, V.P. Moment method in magnet optics 1-24339
- Garland, C.W. see Kasting, G.B. 1-2605
- Garland, C.W. see Lushington, K.J. 1-11851
- Garland, G.D. see Duncan, P.M. 1-27258
- Garland, J.A., Elzerman, A.W., Penket, S.A. The mechanism for dry deposition of ozone to seawater surfaces 1-44252
- Garland, J.C. see Grannan, D.M. 1-39024
- Garland, J.C. see Russell, N.E. 1-39096
- Garland, J.C. see Cheung, T.D. 1-42947
- Garland, N.L. see Fairchild, P.W. 1-6230
- Garland, P. Fluorescence photochemical recovery: control of laser intensities with an acousto-optic modulator 1-3936
- Garmany, C.D., Conti, P.S., Massey, P. Spectroscopic studies of O type stars. IX. Binary frequency 1-49718
- Garman, V.M. see Avesanov, A.G. 1-6579
- Garmire, E. Introduction to bistable optical devices for optical signal processing 1-24447
- Garmire, E. see Chang, M.B. 1-1566
- Garmire, E. see Findakly, T. 1-37604
- Garmire, E.M. see Goldstone, J.A. 1-46430
- Garmire, G. see Tuohy, I. 1-4995
- Garmire, G.P. see Nuseif, J.A. 1-49856
- Garmire, G.P. see Efimov, E.A. 1-38687
- Garn, P.D. see Menis, J. (editor) 1-13935
- Garnak, A.E., Garnak, L.N., Khashimov, F.R. Defect distribution in damaged layers appearing in the process of mechanical treatment of monocrystalline semiconducting materials 1-15895
- Garnak, L.N. see Garnak, A.E. 1-15895
- Garneau, C.W. see Jepsen, P.L. 1-36193
- Garner, C.D., Hillier, I.H., Knight, M.J., MacDowell, A.A., Walton, I.B., Guest, M.F. Electronic structure and assignment of the ultraviolet photoelectron spectra of 6-methyl-2-oxopyridine complexes of dichromium(II) and dimolybdenum(II) 1-10784
- Garner, C.M. A photovoltaic flux detector for the solar tower test facility 1-43745
- Garner, C.M., Nasby, R.D., Sexton, F.W. An interdigitated back contact solar cell with high-current collection 1-32017
- Garner, C.M. see Weaver, H.T. 1-43777
- Garner, D.M. see Fleming, D.G. 1-6410
- Garner, D.M. see Suzuki, T. 1-6353
- Garner, D.P. see Seymour, R.B. 1-13004
- Garner, R.L. see Mullica, D.F. 1-15880
- Garnero, L. see Brunol, J. 1-23395
- Garnett, A. Recent trends in sulphur dioxide air pollution in the Sheffield urban region 1-13198
- Garnett, R.W. see Adams, A. 1-8147
- Garnier, J.E. see Olsen, L.C. 1-43758
- Garnier, P. Evidence of a diffuse phase transition for CaV_2O_7 1-25422
- Garnier, R. see Bergeat, J. 1-44590, 1-54551
- Garnir, H.P. see Baudinet-Robinet, Y. 1-46101
- Garno, J.P. see Dynes, R.C. 1-34627
- Garsworthy, R.K. see Crane, K.C.A. 1-48198
- Garo, A., Puechberry, D., Gouesbet, G., Ledoux, M. Determination of velocity profiles above a thin flat plate in a low pressure flame 1-2051
- Garoché, P., Calvayrac, Y., Veyssie, J.J. Electronic properties of amorphous $\text{Cu}_{60}\text{Zr}_{40}$ alloy 1-30620
- Garoché, P. see Fert, A. 1-25855
- Garoché, P. see Lienard, A. 1-25904
- Garofoali, S.H. see Mruzik, M.R. 1-52406
- Garola, C. Propositions and orthocomplementation in quantum logic 1-87
- Garooshen, I., Motowidlo, L. Dislocation drag mechanisms—electron drag on mobile dislocations in copper 1-15902
- Garooshen, I.J., Galligan, J.M. Some observations on the nucleation of martensite-isothermal vs. athermal behavior in $\text{Fe}_{30}\text{Ni}_{70}$ 1-16778
- Garoza, M. see Colozza, C. 1-8704
- Garpman, S.I.A. see Samadpur, S.K. 1-41136
- Garrabos, Y. see Vidal, D. 1-38042
- Garratt, J.R. Surface influence upon vertical profiles in the atmospheric near-surface layer 1-54203
- Garreau, M. see Epelboin, I. 1-21869
- Garrellic, J.M. see Cole, J.E., III. 1-11216
- Garren, L.A. see Chiang, I.-H. 1-45353
- Garreta, D. Nuclear scattering radiography 1-43997
- Garrett, B.B. see Euler, W.B. 1-39083, 1-39121
- Garrett, B.C., Redmon, M.J., Truhlar, D.G., Melius, C.F. Ab initio treatment of electronically inelastic K+H collisions using a direct integration method for the solution of the coupled-channel scattering equations in electronically adiabatic representations 1-37102
- Garrett, B.C., Truhlar, D.G., Grev, R.S., Magnuson, A.W., Connor, J.N.L. Variational transition state theory, vibrationally adiabatic transmission coefficients, and the unified statistical model tested against accurate quantal rate constants for collinear $\text{F}+\text{H}_2$, $\text{H}+\text{F}_2$, and isotopic analogs 1-6343
- Garrett, B.C., Truhlar, D.G., Magnuson, A.W. Variational transition state theory and vibrationally adiabatic transmission coefficients for kinetic isotope effects in the Cl-H-H reaction system 1-48659
- Garrett, C. see Paar, V. 1-23538
- Garrett, D.B. see Wooten, A. 1-9602
- Garrett, J.D. see Jin Gen-Ming 1-18664, 1-41029
- Garrett, P. see Harmon, R.S. 1-44207
- Garrett, R.C. see Spence, J.N. 1-10724
- Garrett, S. Nonlinear diffusion of 4th sound in superfluid ^4He 1-37675
- Garrett, W.R. Critical binding of an electron by a nonstationary, point-dipole rotor 1-436
- Garrett, W.R. Critical binding of electron-dipole rotor systems; electronically excited states 1-33374
- Garrett, W.R. see Payne, M.G. 1-10703
- Garrido, J. see Ibanez, J.A. 1-35576
- Garrigos, R. see Kofman, R. 1-35017
- Garrison, B.J., Hollander, S.P., Winograd, N. Angle-resolved SIMS—A new technique for the determination of surface structure 1-30537
- Garrison, B.J. see Harrison, D.E., Jr. 1-31271
- Garrison, B.J. see Winograd, N. 1-8177
- Garrison, J.B. see Jenkins, R.E. 1-26970
- Garrison, R.F. Criteria in applications of the MK classification system 1-49623
- Garrison, R.F. see Arrellano Ferro, A. 1-4972
- Garron, J.P. see Royneite, J.C. 1-45533
- Garrone, E., Zecchina, A., Stone, P.S. An experimental and theoretical evaluation of surface states in MgO and other alkaline earth oxides [UV spectra] 1-21227
- Garroway, A.N. see Chingas, G.C. 1-38987
- Garscadden, A., Duke, G.A., Bailey, W.F. Enhanced electron conductivity in Ramsauer gases-molecular gas mixtures: absolute inelastic cross-section calibration 1-38046
- Garsevanshili, V.R., Darbaidze, Ya.Z., Menteshashvili, Z.R. Deep inelastic scattering of leptons on nuclei 1-28469
- Garsevanshili, V.R. see Darbaidze, Ya.Z. 1-28326
- Garshelis, I.J. Displacement transducer using impedance variations due to core torsion 1-5294
- Garside, B.K. see Dang, C. 1-15145
- Garside, B.K. see Efthymiopoulos, T. 1-6549
- Garside, B.K. see Lam, D.K.W. 1-41836
- Garside, B.K. see Reid, J. 1-9264
- Garside, B.K. see Znotins, T.A. 1-29266
- Garstein, E. see Leibovich, C. 1-35253
- Gartia, R.K. see Ratnam, V.V. 1-3500

- Garling, D.K. Finite element analysis of convective heat transfer problems with change of phase 1-24817
- Gartner, H.M., Sarkary, H.G., Schnitzel, R.H. High Schottky barriers using optimum Al_2O_3 barrier films 1-31353
- Gartner, K. see Mittenbacher, J. 1-11798
- Gartner, M.L. see Lewis, D.A. 1-14464
- Gartner, P., Muller, B., Reinhardt, J., Greiner, W. Limiting charge for point nuclei 1-18550
- Gartner, P. see Banyai, I. 1-7574
- Gartner, P. see Muller, U. 1-10114
- Gartner, S. see Berggren, W.A. 1-17571
- Gartner, S. see Jones, G.M. 1-9142
- Garton, A., Densley, R.J., Bulinski, A. Initial results of a study of water trees in XLPE by infrared spectroscopy 1-21654
- Garton, G. see Amado, M.M. 1-25940
- Garton, G. see Sousa, J.B. 1-12269
- Garton, W.R.S., Tomkins, F.S., Crosswhite, H.M. Magnetic effects in Ba I and Sr I absorption spectra 1-10685
- Garton, W.R.S. see Baig, M.A. 1-45929
- Garton, W.R.S. see Connerade, J.P. 1-24163
- Gartshore, L.S., de Croos, K.A. Equilibrium boundary layers over very rough surfaces 1-1935
- Garuccio, A., Vigier, J.P. Description of spin in the causal stochastic interpretation of Proca-Maxwell waves: theory of Einstein's 'ghost waves' 1-32871
- Garuccio, A., Vigier, J.-P. Possible experimental test of the causal stochastic interpretation of quantum mechanics: physical reality of de Broglie waves 1-18060
- Garulli, A., Servidori, M., Vecchi, I. In-depth oxygen contamination produced in silicon by pulsed laser irradiation 1-7203
- Garusov, E.A., Petrov, Yu.V. Estimation of the boiling safety margin in research reactors 1-28642
- Garvare, T.A.E., Johannisson, T.G. Hot isostatic pressing as an alternative to forging 1-35213
- Garvey, J. see Corden, M.J. 1-14428, 1-28352
- Garvey, J.G. see Corden, M. 1-14429
- Garvey, P. Neutron production by spallation in heavy metal targets experiments and calculation 1-18941
- Garvie, R.C., Hannink, R.H.J., Urbani, C. Fracture mechanics study of a transformation toughened zirconia alloy in the CaO-ZrO_2 system 1-16894
- Garvie, R.C., Hannink, R.H.J., Urbani, C. Fracture mechanics study of a transformation toughened zirconia alloy in the CaO-ZrO_2 system 1-21569
- Garris, D.G., Stuermer, D.H. A well-head instrument package for multi-parameter measurement during well water sampling 1-36084
- Garwood, S.J. see Tsuru, S. 1-48516
- Gary, D.E., Suzuki, S., Dulk, G.A. The polarization of type V bursts 1-4891
- Gary, G. Automatic control of a solar house with pebble bed storage 1-35704
- Gary, S. see Volant, C. 1-33274
- Gary, S.P., Abraham-Shrauner, B. Three electrostatic temperature drift instabilities 1-42160
- Gary, S.P. see Klevars, E.H. 1-19935
- Gary, V. see Hoyer, H.W. 1-48963
- Garyan, A.A. New semi-empirical equation of gaseous matter state 1-6913
- Garza, L. Morales De La see Morales De La Garza, L.
- Gas, P. see Aufray, B. 1-42399
- Gasnalizade, A.G. On the variation of the solar rotation velocity with height through the photosphere obtained from observations of Fe I lines 1-9459
- Gasanly, N.M., Guseinov, R.E., Ragimov, A.S., Tagirov, V.I. Raman spectra of $\text{TiGa}_{1-x}\text{In}_x\text{S}_2$ layer solid solutions 1-16570
- Gasanly, N.M. see Vinogradov, E.A. 1-2626
- Gasanov, E.M. see Avesov, A.D. 1-20274
- Gasanov, I.A. see Abdullaev, G.B. 1-47655
- Gasanova, F.A. see Kyzim-zade, A.G. 1-30741
- Gasanova, L.G. see Tagirov, V.I. 1-20660
- Gasc, C. see Violan, P. 1-31650
- Gascoigne, S.C.B. The older clusters in the Magellanic Clouds 1-36358
- Gascoin, J.Y., Dormeal, R., Stelly, M. Strain rate dependent behaviour of aluminium 4 wt.% copper alloy as a function of precipitation state 1-21536
- Gascogne, P.R.C. A reagent-efficient computer-controlled stopped-flow technique for electron spin resonance spectroscopy 1-28044
- Gase, R. Investigations on a filter-glass calorimeter for the radiation of pulse lasers in the ps-region 1-40789
- Gasenko, V.G., Nakoryakov, V.E., Shreiber, I.R. Two-wave model of the propagation of perturbations in a liquid with gas bubbles 1-46614
- Gasnigier, M. Comments on 'Phase transformations in dysprosium oxide thin films' 1-38685
- Gasnigier, M., Senateur, J.P. Characterisation by X-ray diffraction, electron microscopy and X-ray fluorescence of thin films obtained by evaporation of SmS . Crystallographic structures after annealing with an electron beam 1-11989
- Gasnier, M. see Sorbier, J.P. 1-7733
- Gashi, A. see Gacaferrri, J.H. 1-4660
- Gashimzade, F.M., Seid-Rzaeva, S.M., Shteinshreiber, V.Ya. Calculation of the transport coefficients of semimetallic $\text{Cd}_{1-x}\text{Hg}_x\text{Te}$ alloys by a variational method 1-20740
- Gasilov, V.A. see Galoviz, E.G. 1-11515
- Gasilov, V.A. see Golovin, V.M. 1-34113
- Gasiorek, S., Maciejko, K., Szatkowska, J. Mathematical description of the process of compacting ceramic powders 1-16728
- Gasiot, J., Castagne, M., Fillard, J.P., Braunlich, P., Portal, G. Multisample thermoluminescence reading 1-966
- Gasiot, J. see Vanderschueren, J. 1-21116
- Gaskell, C.M. Two-photon continuum emission in quasar spectra 1-40575
- Gaskell, P.H. Similarities in amorphous and crystalline transition metal-metalloid alloy structures 1-42312
- Gaskell, P.H., Smith, D.J. Investigations of the structure of amorphous and partially crystalline metal alloys by high resolution electron microscopy 1-15801
- Gaskell, P.H., Tarrant, I.D. Refinement of a random network model for vitreous silicon dioxide 1-7085
- Gaskell, R. see Contogouris, A.P. 1-514
- Gaskell, T., Mason, P.E. Cooperative ionic motion in liquid metals 1-25475
- Gaskell, T., Mason, P.E. Atomic dynamics and momentum transfer in dense liquids 1-46969
- Gaskell, T. see Mason, P.E. 1-20040, 1-29636
- Gaskin, R.E., Lewis, C. Interferometric measurement of refractive index variations in infra-red transmitting materials at $10.6 \mu\text{m}$ 1-10010
- Gas'kov, A.M., Komissarov, V.N., Garanin, V.K., Zlomanov, V.P., Novoselova, A.V. The T-x-y diagram of the Pb-Sn-Te system, and growth of $(\text{Pb}_{1-x}\text{Sn}_x)_{1-y}\text{Te}$ crystals from the melt. [Electrophysical properties] 1-42513
- Gaspard, C., Messien, P., Mignon, J., Greday, T. Texture and slip systems modifications in equibaxial expansion 1-21484
- Gaspard, J.P. Disordered systems: from one to three dimensions 1-19232
- Gaspard, J.P. Density of D-states in amorphous transition metal alloys 1-30617
- Gaspard, J.P., Derrien, J., Cros, A., Salvan, F. Electronic structure of Ag adsorbed on $\text{Si}(111)$: experiment and theory 1-7699
- Gaspard, J.P. see Cros, A. 1-30575
- Gaspard, J.P. see Lambin, P. 1-7686
- Gaspardetto, C.A. see Ulbrecht, J.J. 1-24850
- Gaspardetto, M. see Diana, G. 1-33965
- Gasparian, A.P. see Abrahamov, E.O. 1-722
- Gasparini, F. see Fidecaro, G. 1-591
- Gasparoux, H. see Levelut, A.M. 1-34226
- Gasparov, V.A., Lebech, J., Saermark, K. A new method for point-by-point determination of the electron-phonon scattering rate in metals 1-30339
- Gasparyan, A. see Bartke, E. 1-5664
- Gasparyan, A.G., Orlov, N.Ya., Fesenko, Ye.Ye. Rapid photo-induced changes in light scatter of preparations of photoreceptor membranes of vertebrates, study of a suspension of external segments of retinal rods 1-35812
- Gasparyan, A.G. see Meleshina, V.A. 1-38545
- Gasparyan, A.G. see Orlov, N.Ya. 1-35811
- Gasparyan, A.P. see Baatar, Ts. 1-18655
- Gasparyan, O.N., Egiazaryan, G.G. A theory of uniaxial systems of offset guidance of astronomical telescope 1-44435
- Gasperin, M. see Abazli, H. 1-15869
- Gasperin, M. see Bhide, V. 1-25218
- Gasperini, M. see De Sabbata, V. 1-44829
- Gasperini, P. see Porter, L.D. 1-32367
- Gasperis, P. De see De Gasperis, P.
- Gass, A.S., Goryunov, O.Yu., Dobrikov, V.N., Nemets, O.F., Rudchik, A.T. Differential cross sections of $(d, ^2\text{He})$ reactions on ^{19}F nuclei 1-3763
- Gass, A.S., Goryunov, O.Yu., Dobrikov, V.N., Nemets, O.F., Rudchik, A.T., Stepanenko, V.A. Angular distribution of $(d, ^2\text{Li})$ -reaction products from ^{16}O nuclei 1-690
- Gass, I.G. see Harris, N.B.W. 1-44150
- Gasse, F. see Adamson, D.A. 1-17628
- Gasselt, M.L.G. van see van Gasselt, M.L.G.
- Gasser, J., Leutwyler, H., Jersak, J., Stern, J. Confining potential based on local wave equations 1-10138
- Gasser, J., Zepeda, A. Approaching the chiral limit in QCD 1-14323
- Gasser, J.G. see Bath, A. 1-30706
- Gasser, M., Jaggi, R. Fine grain metal film deposition 1-31354
- Gasser, M. see Sherman, A. 1-44939
- Gasser, R.D. see Pratt, W.T. 1-5951
- Gasset, G. see Bielle-Daspert, D. 1-13138
- Gast, P. see Mushlin, R.A. 1-32097
- Gast, T., Gebauer, K.-P., Robens, E. Quartz helix manometer 1-27955
- Gast, Th., Mirahmadi, A., Wagner, F.E. Progress in the development of balances with free magnetic suspension 1-23186
- Gast, W. see Dewald, A. 1-45402
- Gastaldi, L., Scaramuzza, L. Single-crystal structure analysis of the spinel copper pentandium octasulphide 1-15863
- Gastaldi, U., Gegenwart, R., Kalinowsky, H., Klempt, E., Schreiber, O. Detection of 500 eV X-rays with the X-ray drift chamber (XDC) technique 1-14733
- Gastaud, C., Sentz, A., Redon, M., Fourrier, M. New CW FIR laser action by Stark tuning from optically pumped CH_3OH and CH_3OD 1-29258
- Gastaud, C. see Redon, M. 1-10990
- Gastaud, M., Voignier, F., Bousset, P., Renier, P. Small-signal gain measurements at the center line in a CW DF laser 1-46322
- Gaster, M. On wave packets in laminar boundary layers 1-37891
- Gaster, S.V., Sokolov, N.S. Nonparabolicity of the Γ_1^+ valence band of cuprous oxide crystals 1-16231
- Gastineau, J. see Weeks, R.A. 1-7205
- Gaston, C.A. Integrated autofocusing system and method of manufacture 1-24531
- Gasvik, K. A theory of polarization-dependent off-specular peaks of light scattered from rough surfaces 1-19266
- Gasvik, K. Measurements of polarization-dependent off-specular peaks of laser light scattered from rough metal surfaces and dielectrics 1-41586
- Gasyimov, T.M. see Babaev, M.M. 1-20784
- Gat, A. see Golecki, I. 1-38678
- Gat, N., Tabakoff, W. Effects of temperature on the behavior of metals under erosion by particulate matter 1-48520
- Gatash, S.V. see Nikolov, O.T. 1-20476
- Gatehouse, B.M., Grey, I.E., Hill, R.J., Russell, H.J. Zirconolite, $\text{CaZr}_2\text{Ti}_{2-x}\text{O}_7$; structure refinements for near-end-member compositions with $x=0.85$ and 1.30 1-42342
- Gatenby, P.V., Hawkins, K.C., Rutt, H.N. Line narrowed TEA CO₂ laser for optical pumping of molecular gas lasers 1-29295
- Gates, A.S. see Haque, R. 1-38523
- Gates, E.M. Observations of transition on some axisymmetric bodies 1-42022
- Gates, J.A. see Kesmodel, L.L. 1-42622
- Gates, M.T., Muldon, W.J. Computer simulation of solar panel voltage regulation 1-48852
- Gates, S.J., Jr. Another solution for $N=2$ superphase Bianchi identities 1-14054
- Gates, S.J., Jr. Supercovariant derivatives, super-Weyl groups, and $N=2$ supergravity 1-36552
- Gates, S.J., Jr. see Castellani, L. 1-23089
- Gates, W.L. see Baker, D.J., Jr. 1-13562
- Gatov, P. see Gydikov, A. 1-21999
- Gatwood, G. see Russell, J. 1-9570
- Gather, B., Legendre, B., Blachnik, R. Heats of mixing in ternary systems. I. Enthalpies of mixing of indium-antimony-tellurium 1-38540
- Gather, B. see Legendre, B. 1-8287
- Gather, K. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Gathier, R. see Lamers, H.J.G.L.M. 1-44557
- Gatignon, P. Comparison between two types of modes in nonlinear absorbing fluids 1-24568
- Gatignon, L. see Barth, M. 1-41018, 1-45377
- Gatland, I.R. see Thackston, M.G. 1-2137
- Gatley, I. see Hyland, A.R. 1-22858
- Gatley, I. see Millis, R.L. 1-54408
- Gatley, I. see Werner, M.W. 1-9496, 1-44653
- Gatos, H.C. see Holmstrom, R.P. 1-25327
- Gatos, H.C. see Kamieniecki, E. 1-16377
- Gatsenko, L.S. see Aleksandrov, A.A. 1-51038
- Gatti, C., Polezzo, S., Raimondi, M., Simonetta, M. Generalized self-consistent valence bond method for ground and excited potential energy surfaces. I. Application to LiH states of Σ and Π symmetry 1-37141
- Gatto, M., Rinaldi, S. A method for the real time forecast of the outflow from a lake 1-32522
- Gatto, R. see Barbieri, R. 1-547
- Gatty, B. see Alexander, J. 1-50645
- Gatzliff, H. see Eschenauer, H. 1-9371
- Gau, J.N. see Hahn, Y. 1-10620
- Gau Hu Fun see Fun Gau Hu
- Gaucher, E. see St-Amant, M. 1-17697
- Gauckler, L.J., Weiss, J., Petzow, G. Stability of Si_3N_4 and SiC based materials containing ZrO_2 1-16763
- Gauckler, L.J. see Schneider, G. 1-31446
- Gaudelis, V.J., Girdziusas, A.I., Kalde, J.A. Photo-discharge in organic electrophotographic layers 1-20824
- Gaudette, H.E. see Lyons, W.B. 1-17583
- Gaudin, M., McCoy, B.M., Tai Tsun Wu Normalization sum for the Bethe's hypothesis wave functions of the Heisenberg-Ising chain 1-44860
- Gaudry, A. see Bonsang, B. 1-40173
- Gaufres, R. see Monan, M. 1-24151
- Gaugler, R.E. see Liebert, C.H. 1-30497
- Gauglitz, G. see Frank, R. 1-43690
- Gaulker, G. see Schuch, R. 1-19171
- Gaukroger, D.R., Skingle, C.W., Heron, K.H. An application of system identification to flutter testing 1-19613

- Gaul, D.J., Duquette, D.J. The effect of fretting and environment on fatigue crack initiation and early propagation in a quenched and tempered 4130 steel 1-12858
- Gaul, D.J., Duquette, D.J. Cyclic wear behavior (fretting) of a tempered martensite steel 1-12881
- Gaul, G., Glasow, R., Lohner, H., Ludewigt, B., Santo, R. Local excitation in reactions with α -particles 1-50610
- Gaul, H. *see* Bendt, P. 1-21849
- Gault, F.D. *see* Bradley, A. 1-5580
- Gaultier, J. *see* Alcaer, L. 1-11740
- Gaultier, J. *see* Filhol, A. 1-15881
- Gaultier, J. *see* Flandrois, S. 1-48290
- Gauman, A. *see* Bohac, P. 1-21426
- Gaume, F., Linares, C., Louat, A., Blanchard, M. The trend of the Eu^{2+} -ligand bonding in covalent and ionic rare-earth compounds 1-25195
- Gaumond, C.F., Jacobsen, E.H. Analysis of phonon echoes in simple insulators by means of Matthieu's equation 1-11826
- Gaunaud, G., Ueberall, H. R-matrix theory of sound scattering from fluid spheres via the Mit-tag-Leffler expansion 1-29430
- Gaunaud, G.C., Ueberall, H. Identification of cavity fillers in elastic solids using the resonance scattering theory 1-39580
- Gaunaud, G.C., Ueberall, H. Resonance theory of bubbly liquids 1-46605
- Gaune-Escard, M. *see* Bogacz, A. 1-11731
- Gaune-Escard, M. *see* Hatem, G. 1-30390
- Gaune-Escard, M. *see* Hayer, E. 1-30410, 1-47244
- Gauneau, M. *see* Favennec, P.N. 1-2476
- Gauneau, M. *see* Haridoss, S. 1-38594
- Gaunt, D.S., Middlemiss, K.M., Torrie, G.M., Whittington, S.G. Mean valence of sites in non-percolating clusters 1-5240
- Gaunt, D.S. *see* Sykes, M.F. 1-27893
- Gaunt, D.S. *see* Whittington, S.G. 1-18167
- Gaunt, P., Ho, S.C., Williams, G., Cochrane, R.W. Critical behavior of an amorphous ferrimagnet 1-34893
- Gaunt, S.L.L. Thermoregulation in doves (Columbidae): a novel esophageal heat exchanger 1-53762
- Gauntt, R.O. *see* Field, R.A. 1-21794
- Gaur, U. *see* Wunderlich, B. 1-38514
- Gaur, V.K. Redefinition of the International Spheroid 1930 1-27052
- Gaur, V.K., Garg, N.R. Electrical resistivity anomalies over hydrocarbon bearing structures 1-44106
- Gaur, V.K., Nayak, G.C., Gupta, P.K. Finite element modelling for evaluation of apparent resistivity over complex structures 1-27066
- Gaur, V.K. *see* Nair, N.G.K. 1-35326
- Gaur, V.P. *see* Pandey, M.C. 1-32685
- Gaus, H. Diffusion kinetics using the method of the trapping model with the third boundary condition 1-11911
- Gautam, V.P. *see* Lahiri, A. 1-564, 1-5624, 1-23492
- Gauthier, M., Mamouni, A., Samsel, M., Guerin-Kern, J.L., Leroy, Y., Gros, Ch. Microwave radiometry (9 GHz) applied to breast cancer 1-8973
- Gauthier, J.P. Using RHEED to study polypyrrol 1-30010
- Gauthier, J.P. *see* Durupt, P. 1-31393
- Gauthier, M., Brown, A.C. Exploration guidelines for stratiform zinc deposits in the Grenville Supergroup of the Mont-Laurier Basin, Quebec 1-9121
- Gauthier, M. *see* Baird, J.K. 1-51235
- Gauthier-Manuel, B., Guyon, E. Critical elasticity of Polyacrylamide above its gel point 1-17053
- Gauthier-Roy, B. *see* Abouaf-Marguin, L. 1-6359
- Gautier, A., Petrot, J.F., Roulet, A., Ruiz, P., Zwingelstein, G. U-tube steam generator modelling: application to level control and comparison with plant data 1-28674
- Gautier, B.G. *see* Jeckle, R.C. 1-42524
- Gautier, C., Diak, G., Masse, S. A simple physical model to estimate incident solar radiation at the surface from GOES satellite data 1-4938
- Gautier, E., Simon, A., Beck, G. Deformation of eutectoid steel during pearlitic transformation under tensile stress 1-21445
- Gautier, P., Joulie, J., Bognout, G., Champness, C.H. Liquid phase epitaxy of heavily Te doped $\text{Ga}_{1-x}\text{Al}_x\text{Sb}$ on GaSb 1-35193
- Gautron, J., Dalbera, J.-P., Lemasson, P. Electroluminescence of the electrolyte/n-ZnSe junction under anodic polarization 1-16360
- Gautsch, O., Lanza, F., Weisberger, P. Contamination mechanisms and decontamination techniques in light water reactors. A review of the state of the Art 1-5859
- Gautschi, G.H. *see* Baumgartner, H.U. 1-14107
- Gautschi, G.H. *see* Tichy, J. 1-23206
- Gauvin, H. *see* Cabot, C. 1-14537, 1-45546
- Gauyacq, D., Jungen, Ch. Orbital angular momentum in triatomic molecules. V. Vibronic corrections and anharmonic effects in linear molecules 1-10623
- Gauyacq, D. *see* Larcher, C. 1-19083
- Gauyacq, J.P. Theoretical study of the detachment process in the zero-range potential approximation. H⁺-He collisions 1-19015
- Gava, E., Jengo, R., Omero, C. On the instanton contribution to the string tension 1-23419
- Gava, E., Jengo, R., Omero, C. Finite temperature approach to confinement 1-28273
- Gava, E., Jengo, R., Omero, C. On the instanton contribution to the string tension 1-50339
- Gavalda, J. A three way modulator incorporating a microphone 1-33796
- Gavaler, J. *see* Fredricksen, H.P. 1-52704
- Gavaler, J.R., Santhanam, A.T., Braginski, A.I., Ashkin, M., Janocko, M.A. Dimensional effects on current and field properties in NbN films 1-52725
- Gavaleshko, N.P., Kitsa, M.S., Savchuk, A.I., Simchuk, R.N. Photoelectric properties of In_2S_3 and In_2Se_3 single crystals 1-34746
- Gavaleshko, N.P., Savchuk, A.I., Vatananyuk, P.P., Kitsa, M.S., Lyakhovich, A.N. The effect of Fe impurity on the optical spectra of InSe single crystals 1-31177
- Gavala, M.B., Le Yaouanc, A., Oliver, L., Pene, O., Raynal, J.-C. Exclusive modes of proton decay in $\text{SU}(5)$ 1-33142
- Gavala, M.B., Le Yaouanc, A., Oliver, L., Pene, O., Raynal, J.C. Weak quark couplings induced by gluon corrections 1-33164
- Gaven, C., Hillaire-Marcel, C., Petit-Maire, N. A Pleistocene lacustrine episode in southeastern Libya 1-54150
- Gavenda, J.D. *see* Chang, S.J. 1-3024
- Gavazzotti, A., Simonetta, M. An extended Huckel study of adsorption of acetylene on $\text{Pt}(111)$ 1-16185
- Gavillet, P. *see* Mazzucato, M. 1-50462
- Gavillet, Ph. *see* Aguilar-Benitez, M. 1-5646, 1-23517
- Gavillet, Ph. *see* Loverre, P.F. 1-18511, 1-18512
- Gavin, M. Parenago 1644 1-40491
- Gavin, M. *see* Abate, J.A. 1-41717
- Gavin, P.H. *see* Bandera, R.P. 1-45713
- Gavra, Z. *see* Goren, S.D. 1-3285, 1-38994
- Gavra, Z. *see* Mintz, M.H. 1-21714
- Gavrik, V.V., Barantseva, A.A. The constant part of the logarithmic light sensitivity dispersion at silver iodide-bromide crystals in photographic emulsions 1-10035
- Gavrik, V.V., Barantseva, G.I. Three states of latent image centres 1-8592
- Gavril, I. Prolongation of accumulator life using ultrasound 1-35645
- Gavrilenko, G.M., Fedyanin, V.K. Stochastic processes in channelling 1-52192
- Gavrilenko, G.M. *see* Fedyanin, V.K. 1-38414
- Gavrilenko, I.S. *see* Grin', Yu.N. 1-20117
- Gavrilenko, T.P., Nikolaev, Yu.A., Topchiyan, M.E. Supercompressed detonation waves 1-24832
- Gavrilenko, V.G., Mart'yanov, A.I. Experimental assessment of rate of growth of microbubbles in turbulent flow 1-15537
- Gavrilenko, V.G., Tamoikin, V.V. Statistical properties of a field transmitted through a random screen in absorbing medium 1-46200
- Gavrilenko, V.G., Zelekson, L.A. Kinetic theory of absorption of electromagnetic waves by a non-uniform flow of magnetized plasma 1-24960
- Gavrilenko, V.G., Zelekson, L.A. Energy flux of a signal in a moving magnetized plasma 1-38108
- Gavriljuk, Y.L., Lifshits, V.G. Electron energy states of carbon in Auger energy loss and X-ray spectroscopies 1-12167
- Gavrilko, T.A., Kucherov, A.P., Lisitsa, M.P., Puchkovskaya, G.A., Yaremko, A.M. Resonance interactions in the vibrational spectrum of a maleic anhydride crystal 1-3398
- Gavrilov, D.A. Necessary conditions for the existence of correlations between the endurance characteristics and the mechanical properties of steel 1-21457
- Gavrilov, G.A., Gurevich, S.B., Chebervak, M.S. Holography design using phase holographic beam splitter 1-41644
- Gavrilov, G.A. *see* Agafonov, M.S. 1-31329
- Gavrilov, I.I. *see* Evstuyukhin, A.I. 1-16699
- Gavrilov, L.R., Gershtun, G.V., Pudov, V.I., Rozenblyum, A.S., Tsurulnikov, E.M. Human hearing in connection with the action of ultrasound in the megahertz range on the aural labyrinth 1-39962
- Gavrilov, N.M., Dvoryashin, S.V. Estimates of the tidal parameters in the upper atmosphere from radio meteor measurements; application to [O I] 5777 Å emission 1-22559
- Gavrilov, S.P., Gitman, D.M. The Furry picture in scalar quantum electrodynamics with a strong pair-producing external field 1-50352
- Gavrilov, S.P., Gitman, D.M., Shvartsman, Sh.M. Unitarity relation in quantum electrodynamics with a pair-generating external field 1-45170
- Gavrilov, V.B. *see* Bayukov, Yu.D. 1-36933
- Gavrilov, V.N. *see* Gushko, Yu.P. 1-29385
- Gavrilov, V.V. *see* Vesker, L.I. 1-48288
- Gavrilov-Kryamichiev, N.L. *see* Gorovoi, V.A. 1-21377
- Gavrilova, E.A. *see* Alekperov, T.A. 1-54441
- Gavrilova, L.I. *see* Basov, Yu.G. 1-52010
- Gavrilova, N.D., Kobayakov, I.B., Novik, V.K., Solodukhin, A.V. Pyroelectric properties of CdS single crystals in the range 6-300K 1-31098
- Gavrilovic, J. Quantitative analysis of small particles using wavelength and energy dispersive systems in an electron beam instrument 1-5283
- Gavrilovic, J. Ion microprobe analysis of small heavy metal particles and their compounds 1-32072
- Gavrilvychenko, V.G. *see* Barabanova, L.A. 1-7990
- Gavrilvychenko, V.G. *see* Skuiski, R. 1-26144
- Gavrilvych, A.I., Shilov, V.V., Kuznetsov, A.I. The effect of an external electric field on the forces of ionic-electrostatic interaction in the process of electrocoagulation 1-26773
- Gavrilvych, A.V., Tauber, V.V., Kazakov, V.G. Production of stable, planar, micron-size magnetic domains 1-52818
- Gavrilvych, G.V. *see* Maiboroda, V.P. 1-35265
- Gavrilvych, S.I., Zakharov, A.I. Effect of deformation on the properties and fine structure of Invar 1-43440
- Gavrilvych, V.D. *see* Bondarenko, A.V. 1-1590
- Gavrilvych, V.G. *see* Gribnev, V.N. 1-12789
- Gavrilvych, V.G. *see* Grinev, V.N. 1-31504
- Gavrilvych, V.G. *see* Semavina, A.N. 1-3860
- Gavrilvych, V.G. *see* Volosevich, P.Yu. 1-21521
- Gavrilvych, V.I., Ivon, A.I., Chernenko, I.M. Change in the surface conductivity of vanadium pentoxide single crystals accompanying electrochromism 1-38835
- Gavrilvych, V.I. *see* Bulgakov, V.V. 1-23603
- Gavrin, V.N. *see* Barabanov, I.R. 1-671, 1-23981, 1-23984, 1-45543
- Gavrich, V.A., Il'icheva, F., Karavanova, M.A., Radkevich, A.V., Stadnik, P.E. Programming equipment for a thermoregulator 1-18208
- Gavroglu, K. A 'unified' phenomenological approach to the non-leptonic decays of hyperons 1-36861
- Gavron, A., Ferguson, R.L., Obenshain, F.E., Plasil, F., Young, G.R., Pettit, G.A., Young, K.G., Sarantitis, D.G., Maguire, C.F. Neutron emission in deep-inelastic collisions of ^{16}O on ^{238}U at 204 MeV 1-33270
- Gavron, A. *see* Young, G.R. 1-14534
- Gavryusheva, E.A. *see* Zatspein, G.T. 1-27459
- Gavze, A.L. *see* Freidlin, M.G. 1-43538
- Gawedzki, K., Kupiainen, A. A rigorous block spin approach to massless lattice theories 1-414
- Gawlik, W. *see* Nakayama, S. 1-6203, 1-6204
- Gawliowski, J. *see* Niedzielski, J. 1-53438
- Gawliczyk, M.K. *see* Sikora, R. 1-29166
- Gay, D., Boudet, R. On a general formulation of secondary effects in nonuniform warping of beams 1-11332
- Gay, E.C., Miller, W.E., Martino, F.J. Optimization studies of lithium/iron sulfide cells for electric vehicle applications 1-48821
- Gay, E.C. *see* Martino, F.J. 1-48820
- Gay, J., Falin, J.-L., Kovalevsky, J., Corteggiani, J.-P., Dumoulin, M.-T. Modelling of temperatures of selected points in the lunar maria 1-4797
- Gay, J., Rabbia, Y., Boudon, Y., Corteggiani, J.P., Futaully, R., Gaignebet, N., Granes, P., Kovalevsky, J., Sagnier, J.L., Torre, J.M., Villain, J.P., Walch, J.J. Absolute measurements of the apparent temperature of the lunar maria in the infrared 1-4791
- Gay, J.B. *see* Faist, A. 1-17256
- Gay, J.C., Delande, D., Biraben, F. Landau condensation of the quasi-hydrogenic spectrum of caesium 1-24067
- Gay, J.G., Smith, J.R., Arlinghaus, F.J., Capehart, T.W. Electronic structure of palladium (100) 1-47726
- Gay, J.G. *see* Smith, J.R. 1-25784
- Gay, M. *see* Bernard, A. 1-13588
- Gay, P. *see* Cutolo, A. 1-1608
- Gay, R.R. Droplet-liquid film mass exchange rate in annular flow 1-50736
- Gay, R.R., Farooq Ansari, A.A., Slifer, B.C. The prediction of onset of bypass voiding in BWRs 1-30741
- Gay, R.R., Ohkawa, K., Lahey, R.T., Jr. The measurement of local void fraction with the side-scatter gamma technique [two phase flow] 1-15563
- Gay, R.R. *see* D'Amico, K.L. 1-17102
- Gay, R.R. *see* Gitnick, B.J. 1-50740
- Gay, R.R. *see* Sayers, M.J. 1-12622
- Gay, T.J. *see* Schottman, R.M. 1-1139
- Gavathi Devi, K.R., Sathyanarayana, D.N., Engler, E.M. Infrared spectra of 1,3-dithiole-2-thione and its selenium analogues—frequency assignment and molecular force constants 1-45957
- Gavathi Devi, K.R., Sathyanarayana, D.N., Managaran, S. Molecular vibrations and conformation of primary dithiocarbamate ester. Infrared and NMR studies on S-methyl dithiocarbamate 1-45965
- Gayda, J.-P. *see* Bertrand, P. 1-22171

- Gayduk, V.I., Kalmikov, Yu.P., Tseytlin, B.M.** Dielectric properties of polar liquids caused by a super-Debye interaction with a microwave field 1-16539
- Gaydukov, Yu.P.** *see* Blank, A. Ya. 1-25712
- Gayer, K.H.** *see* Johnson, G.K. 1-4119
- Gayle, N.V.** *see* Jin, S. 1-12342
- Gayle, B.W.** *see* Nickoloff, E.L. 1-44023
- Gayler, J.** *see* Altkofer, O.C. 1-45773
- Gayler, J.** *see* Aubert, J.J. 1-5630
- Gaylor, K.J., Snook, I.K., van Megen, W.J., Watts, R.O.** Brownian dynamics of many-body systems 1-21793
- Gaylor, R.J., Lohse, D.J., Guttman, C.M., DiMarzio, E.A.** The 'sandwich' model of the amorphous material in semicrystalline polymers, block copolymers and filled or reinforced elastomers 1-42329
- Gaylor, R.J., Paisner, M.J., Lohse, D.J.** Chain distribution functions and segment density functions of polymer chains confined by absorbing or reflecting barriers 1-34254
- Gaylor, T.K.** *see* Gallagher, H.J. 1-41620
- Gaylor, T.K.** *see* Guest, C.C. 1-51418
- Gaylor, T.K.** *see* Moharam, M.G. 1-37598
- Gayoso-Andrade, M.** *see* Gonzalez-Calbet, J.M. 1-52118
- Gayvoronskaya, T.V., Kuleshova, V.P., Lavrova, Ye.V., Lyakhova, L.N.** Components of the variations of the critical frequencies of the F_2 region during disturbances 1-4686
- Gazanbes, C., Calaña, A., Condat, R.** Measurement of roughness by acoustic interferometry and speckle correlation 1-1792
- Gazanbes, C., Calaña, A., Condat, R.** Measurement of roughness by acoustic interferometry and speckle correlation 1-24608
- Gazanbes, C.** *see* Zakharia, M. 1-24605
- Gazeau, J.P.** The Dirac equation with arbitrary spin and mass, a simple and natural construction 1-14277
- Gazeau, J.P.** Sturmian technique for the discrete spectrum of the Schrödinger equation 1-18065
- Gazeau, J.P., Kiblet, M.** On some special relations involving 3-jm symbols 1-14049
- Gazeau, J.P., Maquet, A.** A new approach to the two-particle Schrödinger bound state problem 1-37091
- Gazeau, J.P.** *see* Hassan, M.H. 1-119
- Gazes, S.** *see* Beckerman, M. 1-10401
- Gaziev, R.A., Demidenko, V.S., Panin, V.E.** Investigation of the specific features of the band structure in the vicinity of the Fermi level of Fe-Mn alloys with chromium additions 1-30622
- Gaziev, U.Kh., Faiziev, Sh.A., Li, V.V.** Investigation of light-absorbing coatings produced by joint condensation of vapors of a metal and a dielectric 1-13157
- Gazit, D.** *see* Horowitz, A. 1-53081
- Gazit, Y.** *see* Arad, B. 1-34050
- Gazizov, A.Z.** *see* Bercezin, V.S. 1-40983
- Gazov, V.I.** *see* Susin, A.A. 1-3743
- Gazquez, J.L., Ortiz, E.** Self-interaction and interelectronic exchange in the electron gas model for atoms 1-29072
- Gazza, G.E.** *see* Knoch, H. 1-16738, 1-48304
- Gazzaly, M.** *see* Ray, L. 1-41049
- Gazzaly, M.** *see* Wriekat, A. 1-23659
- Gazzi, M.** *see* Fuzzi, S. 1-13586
- Gazzinelli, R.** *see* Chaves, A.S. 1-47932
- Gazzinelli, R.** *see* Machado da Silva, J.C. 1-43009
- Gazzoli, D.** *see* Cimino, A. 1-20378
- Ghadamassi, M.** *see* Beysens, D. 1-16018
- Gburski, Z.** Time-convolutionless representation of the correlation function: prescription for experimental determination of the random force correlation function 1-52909
- Gdoutos, E.E.** Interaction between two equal skew-paralle cracks 1-19646
- Ge, G.G., Zagruzina, I.A., Nguen Khuan Zyong, Fan Chyong Tkh** New data on the Late Paleozoic magmatism of Vietnam 1-54037
- Ge Chuan-zhen, Xu Xiu-yong, Feng Duan** The needle-like stress zones and dislocations due to constitutional supercooling in Czochralski method-grown YAG single crystals 1-52095
- Ge Ling-Xiao, Liu Jian-Ye, Zhong Ji-Quan, Yang Shi-Jun** The contribution of the nucleon exchange to the transfer of angular momentum and energy in deep inelastic collision 1-45531
- Ge Mo-lin, Duan Yi-shi** On the gauge vacuum effects in SU₂ gauge theory 1-18379
- Ge Pei-wen** *see* Bai Nai-zhi 1-25257
- Ge Sen-lin** *see* Zhang Ren-ji 1-53497
- Ge Ting-sui** *see* Pan Zheng-liang 1-21500
- Ge Tingsui** Low-frequency 'amplitude peaks' in the internal friction associated with the interaction of substitutional solute atoms with dislocations in aluminum alloys 1-38376
- Gea, J.** *see* Arecochi, F.T. 1-41654
- Gea, M.** *see* Nieto-Vesperinas, M. 1-41570
- Geaga, J.V., Chessin, S.A., Grossiord, J.Y., Harris, J.W., Hendrie, D.L., Schroeder, L.S., Treuhart, R.N., Van Bibber, K.** Observation of high-momentum protons from limiting target fragmentation 1-28449
- Geard, C.R.** Initial changes in cell cycle progression of Chinese hamster V-79 cells induced by high-LET charged particles 1-26963
- Geard, C.R.** Effects of 1.9 MeV monoenergetic neutrons on Vicia faba chromosomes: microsimetric considerations 1-32203
- Gearhart, H.L., Cook, R.L., Whitney, R.W.** Automated sequential sampler for gas chromatographic determination of trace airborne pesticides 1-53737
- Gearhart, R.A.** *see* Sheppard, J.C. 1-41269
- Geary, J.M.** Coma and astigmatism versus field angle and f-number. A simple look 1-33628
- Gebala, S.** The luminescences of the optical glasses which were melted in platinum 1-39154
- Geballe, R.** *see* Falk, R.A. 1-1190
- Geballe, T.H.** *see* Feldman, R.D. 1-53091
- Geballe, T.H.** *see* Kimhi, D.B. 1-3111
- Geballe, T.H.** *see* Piermarini, G.J. 1-34701
- Geballe, T.R.** *see* Lacy, J.H. 1-36382
- Gebauer, H.** *see* Burger, K.H. 1-24102
- Gebauer, K.-P.** *see* Gast, T. 1-27955
- Gebbie, H.A.** *see* Emery, R.J. 1-27229
- Gebbie, H.A.** *see* Llewellyn-Jones, D.T. 1-9995
- Gebert, W.** *see* Drews, G. 1-10229
- Gebhardt, K.F., Oberhammer, H., Zeil, W.** Molecular structure of 1,2-dimethyl-1,2-diazetidene-electron diffraction and microwave study and normal coordinate analysis 1-45947
- Gebhardt, U.** *see* Hordinsky, J.R. 1-17502
- Gebhart, B., Audunson, T.** Transport measurements in the Arctic ice-pack 1-4517
- Gebhart, B.** *see* Mahajan, R.L. 1-24805
- Gebhart, B.** *see* Ramilison, J.M. 1-19797
- Gebhart, J.** *see* Heyder, J. 1-49038
- Geciauskas, S., Pozela, J., Repsas, K.** Microwave electric field semiconductor transducer 1-23312
- Gecim, H.S., Sealy, B.J., Stephens, K.G., Ono, Y.** Carrier removal by implanted ions in GaAs 1-12125
- Geckeler, S.** Problems of transmitters and receivers in fibre-optic communication systems 1-29405
- Gecikini, M.** *see* Ciftcioglu, O. 1-23791
- Gedalia, I.** *see* Mayer, I. 1-29994
- Gedalin, E.V.** Multiplicity distribution and correlations between particles in quantum chromodynamics 1-50399
- Gedanken, A.** The photodissociation of D₂O by vacuum ultraviolet excitation sources 1-1295
- Gedde, U.W., Jansson, J.-F.** An anomaly in the necking behavior of polyethylene. II 1-43449
- Gedde, U.W., Terselius, B., Jansson, J.-F.** An anomaly in the necking behavior of polyethylene. III 1-48442
- Geddes, J.** *see* McCaughan, D.V. 1-3552
- Geddes, J.** *see* Shah, M.B. 1-6378
- Geddes, L.A.** *see* Knight, J.L., Jr. 1-13339
- Geddes, R.** Single-chip microcomputer thermometer 1-9983
- Gedgovd, K.N., Krasovskii, A.I., Novikov, S.M.** Diffusion of cesium into transition metals of the V and VI groups 1-2696
- Gedlek, E.** *see* Underbrink, A.G. 1-22069
- Gedney, L.** *see* Biswas, N.M. 1-22235
- Gedvillo, E.T.** *see* Bercezin, V.N. 1-37057
- Gedwill, M.A.** *see* Hodge, P.E. 1-31710
- Gedzelman, S.D.** Visibility of halos and rainbows 1-4609
- Gee, C.M., Kastner, M.** Photoluminescence from E band centers in amorphous and crystalline SiO₂ 1-3461
- Gee, C.N.P.** *see* Bourquin, M. 1-10276
- Gee, J.** President Reagan faces energy challenge with new programmes 1-26805
- Gee, M.G.** *see* Henshall, J.L. 1-39455
- Gee, N., Freeman, G.R.** Density and temperature effects on electron mobility in gaseous, critical, and liquid ethane 1-51291
- Gee, W.** *see* Echlin, P. 1-16689
- Geer, J.F., Strikwerda, J.C.** Vertical slender jets 1-19775
- Geer, L.-E.** *see* de Geer, L.-E.
- Geerdens, L.** *see* De Meirsm, J. 1-53770
- Geerlings, P.** The solvent behaviour of the intensity of the C≡N stretching infrared absorption band: an LMO rationalization 1-51206
- Geertsma, W.** *see* van der Marel, C. 1-7962
- Geesaman, D.F.** *see* McGrath, R.L. 1-45457
- Geesaman, D.F.** *see* Sanders, S.J. 1-14503
- Geesaman, D.F.** *see* Bowles, T.J. 1-41144
- Gefen, Y.** *see* Baram, J. 1-12745, 1-53177
- Gegenberg, J.D.** *see* Drew, M.S. 1-40696
- Gegenwart, R.** *see* Gestaldi, U. 1-14733
- Gegner, E.** *see* Shumacher, R. 1-53303
- Gegoia, O.V.** *see* Logvinenko, V.A. 1-26728, 1-26733
- Geguzin, Ya.E., Vorob'eva, I.V.** Near-surface channeling of high-energy multiply charged ions 1-52204
- Gegzante, L.J., Kaminskas, V.A., Pipyns, P.A.** Computer simulation of photoelectric effects in crystalline phosphors 1-16609
- Geha, A.S.** *see* Klay, J.W. 1-22161
- Geha, A.S.** *see* McFarland, W.J., Jr. 1-13373
- Gehlhoff, W.** Pseudocubic angular dependence of the $M = -1/2$ to $+1/2$ EPR transitions for ions with $S = 3/2$ produced by small crystal fields of arbitrary symmetry and random strains 1-16471
- Gehlhoff, W., Ulrici, W.** Transition metal ions in crystals with the fluorite structure 1-25669
- Gehrels, T.** Bimodality and the formation of Saturn's ring particles 1-40407
- Gehrels, T.** *see* Burke, J.J. 1-40403
- Gehren, T.** *see* Wyckoff, S. 1-49847
- Gehring, C.A., Williams, A.J.** A single isotope method for the measurement of the volume of the mitochondrial inner compartment 1-44055
- Gehring, G.A.** *see* De Alcantara Bonfim, O.F. 1-3227
- Gehringer, C.** *see* Byrski, T. 1-45396
- Gehringer, C.** *see* Merdinger, J.C. 1-5691
- Gehringer, C.** *see* Vivien, J.P. 1-45451
- Gehringer, P., Eschweiler, H., Proksch, E.** Dose rate and humidity effects on the γ -radiation response of nylon-based radiachromic film dosimeters 1-18901
- Gehrke, R.J., Baker, J.D.** Absolute intensities of the γ -rays emitted in the decay of ¹⁴⁵Pr 1-10341
- Gehrke, R.J., Baker, J.D.** Emission probability of the 453 keV γ -ray emitted in the decay of ¹⁴⁶Pr 1-23597
- Gehrke, R.J.** *see* Baker, J.D. 1-28411
- Gehrke, R.J.** *see* Smith, J.R. 1-51020
- Gebmann, J.** *see* Struck, B.D. 1-17314
- Gehr, R.D., Hackwell, J.A., Grasdalen, G.L., Ney, E.P., Neugebauer, G., Selgren, K.** The optically thin dust shell of Nova Cygni 1978 1-9499
- Gehr, R.D.** *see* Grasdalen, G.L. 1-27524
- Gei, V.** *see* Terukou, E.I. 1-30794
- Geib, K.M., Wilmsen, C.W.** Anodic oxide/GaAs and InP interface formation 1-16372
- Geib, M.D., Matlock, D.K., Krauss, G.** The effect of intercritical annealing temperature on the structure of niobium microalloyed dual-phase steel 1-16814
- Geich-Gimbel, C.** *see* Allen, P. 1-14367, 1-36856, 1-36857
- Geich-Gimbel, C.** *see* Blitsch, J. 1-10190
- Geich-Gimbel, C.** *see* Fritze, P. 1-14431
- Geich-Gimbel, C.** *see* Grassler, H. 1-50414
- Geick, R.** *see* Goto, T. 1-11835
- Geidel'man, A.M., Egorov, Yu.S., Lipovskii, A.A., Lovtysyus, A.V., Preobrazhenskaya, L.D., Ryzhinskii, M.V., Stepanov, A.V., Kohl'nov, Yu.V.** Half-life of ²³³U 1-672
- Geidur, S.A.** Photoelastic properties of SiC(6H) crystals 1-48031
- Geidur, S.A., Pikhtin, A.N., Yaskov, A.D.** Birefringence of light in GaAs_{1-x}P_x solid-solution crystals induced by external uniaxial deformations 1-31123
- Geidur, S.A., Yaskov, A.D.** Temperature dependence of stress birefringence in gallium arsenide and gallium phosphide 1-21166
- Geidur, S.A., Yaskov, A.D.** Dispersion of refractive index and photoelastic effect in semiconductors with a wurtzite structure 1-43095
- Geier, B.** *see* Esslinger, M. 1-6801
- Geiger, J.E.** *see* Evans, D.L. 1-38562
- Geiger, L.C.** *see* Schwenz, R.W. 1-48667
- Geiger, T.** *see* Walser, B. 1-16863
- Geigl, K.-H.** *see* Fitzer, E. 1-35305
- Geigle, W.** *see* Schwan, L.O. 1-3258
- Geijn, J.** *see* Van de Van de Geijn, J.
- Geijsel, J., Schouten, J.A., Trappeniers, N.J.** The phase diagram of ethane under high pressure 1-38506
- Geil, P.H.** *see* Truss, R.W. 1-48320
- Geilhaupt, M.** *see* Zacharias, H. 1-39660
- Geilikman, M.B.** Coherent transition between non-hydrostatically stressed phases with different elastic properties 1-15829
- Geiman, K.I., Drabkin, I.A., Kvantov, M.A., Matvenko, A.V.** Magnetic susceptibility of In-doped Pb_{1-x}Sn_xTe 1-3139
- Geipel, H.J.** *see* Crowder, B.L. 1-30472
- Geipel, W.** Measurement of dust emission [in flues] 1-13208
- Geis, J.W.** Concentrating photovoltaics—a viable candidate for the next generation of Air Force satellite power systems 1-48860
- Geis, M.W., Antoniadis, D.A., Silversmith, D.J., Mountain, R.W., Smith, H.I.** Silicon graphoeptaxy using a strip-heater oven 1-7485
- Geis, M.W.** *see* Fan, J.C.C. 1-48286
- Geise, H.J.** *see* Dillen, J. 1-24256, 1-46155, 1-51295
- Geiseler, G.** *see* Muller, R. 1-31143
- Geisker, D., Hocker, H.** Preparation of macrocyclic polystyrene 1-3692
- Geiser, P.** *see* Engelder, T. 1-27115
- Geiser, V.** *see* Oelhafen, P. 1-48238
- Geiser, V.** *see* Pfleger, P. 1-48291
- Geisler, D., Hodge, P.** Ellipticities of globular clusters of the Large Magellanic Cloud 1-49796
- Geisler, W.S.** Increment threshold and detection latency in the rod and cone systems 1-13242
- Geiss, J., Reeves, H.** Deuterium in the solar system 1-36263

- Geiss, J. *see* Ogilvie, K.W. 1-40297
 Geiss, J. *see* Schmidt, W.K.H. 1-17749
 Geiss, C. *see* Blonigen, F. 1-28784
 Geissel, H. *see* Kitahara, T. 1-23970
 Geissler, E. *see* Hecht, A.M. 1-13040, 1-48754
 Geissler, H. *see* Hennig, H.-P. 1-20395
 Geist, J., Zalewski, E.F., Schaefer, A.R. Spectral response self-calibration and interpolation of silicon photodiodes 1-18293
 Geist, V. *see* Bruhl, H.-G. 1-1-20276
 Geist, W.M. An analysis of charm searches in NN collisions 1-10282
 Geitons, G. *see* Shi, J. 1-30113
 Geitner, P., Kupperts, D., Lydtin, H., Ungelenk, J. Optical fibres prepared by the plasma activated chemical vapour deposition method 1-6687
 Gekelman, W. *see* Wild, N. 1-38054
 Gekka, Y. *see* Gomi, T. 1-20730
 Gektina, I.V., Lavrent'ev, F.F., Natsik, N.D. Thermally activated motion of pyramidal dislocations through Peierls barriers in a zinc single crystal 1-30231
 Gel', E.P. *see* Sokolov, Yu.I. 1-32535
 Gelade, E. *see* Van der Auwerera, M. 1-48742
 Gelardi, F.M. *see* Boscaino, R. 1-7960
 Gelatt, C.D., Jr. *see* Huisman, L.M. 1-2914
 Gelb, S.W. *see* Goldhammer, L.J. 1-48863
 Gelbard, E.M., Adams, C.H., McCoy, D.R. Use of perturbation theory to test ordinate arrays in streaming calculations 1-45575
 Gelbard, E.M., Lell, R.M., Adams, C.H. Treatment of internal rectangular voids in diffusion theory 1-45570
 Gelbart, W.M. *see* Dujardin, G. 1-37236
 Gelberg, A. *see* Deward, A. 1-45402
 Gelberg, A. *see* Goldberg, M.B. 1-18542
 Gelberg, A. *see* Kaup, U. 1-5677
 Gelbke, C.K. Heavy ion reactions at $E/A \geq 10$ MeV/nucleon 1-50648
 Gelbke, C.K. *see* Bini, M. 1-14541
 Gelbwachs, J.A., Nesbitt, R.S., Frueholz, R.P. Collisional energy transfer in tin by dynamics and inert gases 1-29100
 Gel'd, P.V. *see* Barmis, S.M. 1-20704
 Gel'd, P.V. *see* Kalishevich, G.I. 1-20419
 Gel'd, P.V. *see* Khimmatkulov, F. 1-12257
 Gel'd, P.V. *see* Kudryavtseva, E.D. 1-30712
 Gel'd, P.V. *see* Lutskaia, L.F. 1-38428
 Gel'd, P.V. *see* Mokhracheva, L.P. 1-52464
 Gel'd, P.V. *see* Povzner, A.A. 1-25908
 Gel'd, P.V. *see* Zinov'ev, V.E. 1-2940
 Geldart, D.J.W., Rasolt, M. Analytical structure of the wave-number-dependent susceptibility of many-fermion systems at low temperature and long wavelength. II 1-20951
 Gelder, A.P. *see* van Gelder, A.P.
 Geldmacher, J. *see* Fischer, W.R. 1-35469
 Geldzahler, B.J. *see* Walker, R.C. 1-54503
 Gelebart, J.C. *see* Desportes, H. 1-51010
 Gelerinter, E., De Vries, A., Stefanov, M.E. Comments concerning the observation of bi-dimensional textures 1-15794
 Gelernt, B. *see* Smith, A.L. 1-6273
 Gelfand, E. *see* Hogstrom, K.R. 1-27005
 Gelfand, J. *see* Miles, R.B. 1-1793
 Gelfand, J. *see* Rohlfing, E.A. 1-1328
 Gelfand, J. *see* Zughul, M. 1-1285
 Gelfand, S.A., Hoffman, S., Waltzman, S.B., Piper, N. Dichotic CV recognition at various interaural temporal onset asynchronies: Effect of age 1-11259
 Gelfand, S.A., Piper, N. Acoustic reflex thresholds in young and elderly subjects with normal hearing 1-39940
 Gel'fgat, Yu.M. Magnetic hydrodynamics methods of producing composite materials under conditions of quasiviscosity 1-31386
 Gel'fgat, Yu.M., Semin, S.I. Kinetics of breakup of two-component liquid-metal mixtures 1-7339
 Gel'fgat, Yu.M. *see* Abramov, O.V. 1-16712
 Gel'fond, O.A. *see* Andryushin, E.A. 1-20639
 Gelikonov, V.M., Zaitsev, Yu.I., Malykin, G.B. Evidence for nonstationary saturation of the absorption of a gas in a frequency-modulated standing wave 1-37557
 Gelin, B.R. *see* Karplus, M. 1-8803
 Gelinas, L. *see* Daoust, G. 1-49412
 Gell, Y., Nakach, R. Stochastic ion heating by an electrostatic wave in a sheared magnetic field 1-2208
 Gell, Y. *see* Hazak, G. 1-10855
 Gellai, B., Van Hook, W.A. Monte Carlo calculation of isotopic vapor pressure ratios for some water molecules 1-30407
 Gellatly, B.J. *see* Finney, J.L. 1-8806
 Geller, M.A., Alpert, J.C. Planetary wave coupling between the troposphere and the middle atmosphere as a possible Sun-weather mechanism 1-22404
 Geller, M.J., Huchra, J.P. MK 279 and ESO 141-G 55 1-32759
 Geller, R., Jacquet, B., Jacquet, C., Sermet, P. Project of a new type of neutral injector based on negative deuterons 1-10552
 Geller, R. *see* Aubert, J. 1-19167
 Geller, R. *see* Bechtold, V. 1-28767
 Geller, R. *see* Bliman, S. 1-51284
 Geller, R.J., Mueller, C.S. Four similar earthquakes in central California 1-17566
 Geller, S. *see* Antonini, B. 1-48122
 Geller, S. *see* Balestrino, G. 1-12440
 Geller, V.Z. *see* Baryshev, V.P. 1-52366
 Geller, Yu.I., Lukinykh, V.F., Popov, A.K., Slabko, V.V. Observation of induced autoionization-like resonances in the continuum 1-28930
 Geller, Yu.I. *see* Bolotskikh, L.T. 1-6602, 1-33761
 Gellerman, A.D. *see* Akinfiev, V.P. 1-5913
 Gellerman, W., Luty, F., Koch, K.P., Welling, H. Tuneable laser operation of F_2^+ and $(F_2)_2^+$ centers in OH^- and SH^- doped alkali halides 1-29285
 Gelletly, W. *see* Griffiths, F. 1-28820
 Gelly, J.F. Directivity diagram of a rectangular parametric antenna 1-24573
 Gel'man, A.B. *see* Zuzman, L.D. 1-34258
 Gel'man, B.G., Zolotukhin, V.G., Lamonov, N.I., Levchuk, B.V., Lipatov, A.N., Mukhin, L.M., Nenarokov, D.F., Rotin, V.A., Okhotnikov, B.P. Analysis of chemical composition of Venus atmosphere by gas chromatograph on Venera 12 1-9399
 Gelman, E.B., Zaretskii, D.F., Lomonosov, V.V. Motion of an atomic beam in the field of a resonance standing electromagnetic wave 1-1411
 Gelmini, G. The S-wave $Qc\bar{Q}c$ states 1-10144
 Gelmini, G.B., Roncaldelli, M. Left-handed neutrino mass scale and spontaneously broken lepton number 1-50363
 Gelpey, J. *see* Broudy, R. 1-5383
 Gelpi, P. *see* Johnson, R.L. 1-990
 Geltenbort, P. *see* Oed, A. 1-28773
 Geltman, S. Approximate response of a two-level system to intense multimode radiation 1-24376
 Geltman, S. *see* Roussel, F. 1-10805
 Gemanov, V. *see* Diddens, A.N. 1-14747, 1-23998
 Gemenetzis, V. *see* Banerjee, S. 1-39272
 Gemety, T. *see* Abdrhmanov, E.O. 1-722
 Gemma, N., Natori, A., Kamimura, H. Excitonic effects on optical transitions to a D^- band in doped semiconductors 1-48120
 Gemmeke, H., Netter, P., Richter, A., Lassen, L., Lewandowski, S., Lucking, W., Schreck, R. Emission of fast neutrons in deep-inelastic collisions of ^{16}O on Ni 1-18668
 Gemmell, D.S. Interactions of fast molecular ions with matter 1-47134
 Gempe, H. *see* Bowen, T. 1-11095
 Gemperle, A. Observation limits of transmission electron microscopy 1-45076
 Gemperle, A., Kasova, I., Chah, V. Improved technique for observation of dislocation structure of austenitic MnCrNi steels after small deformation 1-2451
 gen. Schieck, H. *see* Patz gen. Schieck, H.
 Gen-ei, K. *see* Ito, H. 1-6573, 1-37504
 Gen-Ming Jin *see* Jin Gen-Ming
 Genack, A.Z., Weitz, D.A., Gramila, T.J. Very low frequency surface enhanced Raman scattering 1-35050
 Genack, A.Z. *see* Gersten, J.I. 1-21203
 Genack, A.Z. *see* Macfarlane, R.M. 1-12431
 Gencay, S. *see* Tapucu, A. 1-50737
 Gence, J.N., Mathieu, J. The return to isotropy of an homogeneous turbulence having been submitted to two successive plane strains 1-33949
 Genceli, O.F., Schemm, J.B., Vest, C.M. Measurement of size and concentration of scattering particles by speckle photography 1-15077
 Genchev, N.V. *see* Pandev, I.N. 1-27047
 Genchev, Zh.D., Karpuzov, D.S. Effects of the motion of dust particles on turbulence transport equations 1-37879
 Gencoz, O., Goranson, U.G., Merrill, R.R. Application of finite element analysis techniques for predicting crack propagation in lugs 1-21576
 Gend, M. *see* van Gend, M.
 Gend, M. *see* Van Gend, M.
 Genda, H. *see* Miwa, T. 1-23370
 Genda, H. *see* Okayama, H. 1-33073
 Gendenshtein, L.E. *see* Ganenka, V.B. 1-2542
 Gendren, A.M. *see* van Gendren, A.M.
 Gendreau, R.M., Jakobsen, R.J., Henry, W.M., Knapp, K.T. Fourier transform infrared spectroscopy for inorganic compound speciation 1-26866
 Gendrin, R. Kinetic energy density and diamagnetic effects during plasma injection events 1-40270
 Gendrin, R., Roux, A. Energization of helium ions by proton-induced hydromagnetic waves 1-9326
 Gendrin, R. *see* Glangeaud, F. 1-4714
 Gendrin, R. *see* Shepherd, G.G. 1-9313
 Gendron, C. *see* Arsenault, H.H. 1-36749
 Gendron, S., Halliday, I.G. The analytic structure of the Dreil-Yan amplitude 1-23489
 Gendugov, V.M. Structure of detonation waves in heterogeneous systems with nonpremixed phases 1-24833
 Gene, V.V. *see* Dudnik, E.F. 1-7320
 Genens, L. *see* Niemann, R.C. 1-48882
 Genens, L. *see* Smith, R.P. 1-45754
 Genens, L. *see* Wang, S.-T. 1-48881
 Generalov, N.A., Kosinkin, V.D., Zimakov, V.P., Raizer, Yu.P., Roitenburg, D.I. A stationary non-selfsustaining discharge ionized by electrodeless pulses in a closed-cycle CO₂ laser. III. Experimental investigation of the discharge and the operation of the laser 1-25083
 Generalova, V.V. Development of technological dosimetry [for ionizing radiation] 1-27002
 Generalova, V.V. *see* Berlyand, V.A. 1-23860
 Genesio, R., Gorini, I. On the metrological description of transducers 1-23210
 Genet, F., Aumont, R. Synthesis of pure trigonal carbonates underpressure in igneous phase 1-35202
 Genet, M. *see* Conway, J.G. 1-48119
 Genet, M.M. *see* Hussonnois, M. 1-12648
 Genevey, J. *see* Beraud, R. 1-45401
 Genevey, J. *see* Elias, N. 1-18548, 1-28365
 Genevey, J. *see* Zietzelski, J. 1-23540
 Genevey, J. *see* Marguerie, G. 1-23588
 Genevey, P. *see* Aymar, R. 1-40822
 Genevey-Rivier, J. *see* Schuck, C. 1-10351
 Geng, P. *see* Unwin, R. 1-8200
 Geng Xu *see* Xu Geng
 Genge, M. *see* Hornstra, F. 1-53606
 Genhua Dai *see* Dai Genhua
 Genicot, J.-L. *see* De Raedt, Ch. 1-50916
 Genin, J. *see* Jezequel, L. 1-46692
 Genin, L.G., Kuznetsov, S.M., Saenko, D.V. Study of heat transfer in the channel of the active element of a solid-state laser 1-1806
 Genis, A.P., Singh, R., DuBow, J. Interface study of polycrystalline semiconductor-insulator-semiconductor (SIS) solar cells: indium tin oxide on polysilicon 1-43780
 Genis, A.P. *see* Smith, P. 1-26832
 Genkin, A.M. *see* Altaiskii, Yu.M. 1-35099
 Genkin, G.I. *see* Kotov, I.I. 1-31624
 Genkin, G.M., Tokman, I.D. Transverse magnetization of a ferromagnet by optical waves 1-26179
 Genkin, G.M., Tokman, I.D. Photomagnetization of multidomain ferromagnets by circularly polarised light 1-52796
 Genkin, G.M., Zil'berberg, V.V. Nonlinear spectroscopy of shallow impurity levels in semiconductors 1-43147
 Genkin, M.D., Ryaboi, V.M., Yablonskii, V.V. An inverse problem of vibroacoustics 1-37691
 Genkin, M.D., Tarkhanov, G.V. Certain general laws for the vibrations of complex mechanical systems 1-37692
 Genkin, M.D. *see* Averbukh, A.Z. 1-37687
 Genkin, V.M. On the influence of a parallel magnetic field on the tunnelling current between size-quantised films 1-30811
 Genkin, V.N., Miller, A.M., Soustov, L.V. Dynamics of laser destruction of KDP crystals 1-30277
 Genkina, N.A., Shitova, E.V. Optical properties of p-xylylene films 1-48181
 Gennadiyev, N.N., Demichev, V.F., Levit, P.A. Production and measurement of megagauss magnetic fields in single-turn coils 1-33013
 Gennaoui, F. *see* Swell, P.B. 1-7478
 Gennaro, S.D. *see* De Gennaro, S.
 Gennaro, V. *see* Di Gennaro, V.
 Gennes, P.-G. *see* de Gennes, P.-G.
 Gennes, P.-G. *see* de Gennes, P.-G.
 Gennes, P.-G. *see* de Gennes, P.-G.
 Gennes, P.-G. *see* de Gennes, P.-G.
 Gennow, H. *see* Bergier, A. 1-10275
 Genossar, J. *see* Luz, Z. 1-4069
 Genoud, F. *see* Gloux, J. 1-47952
 Genuouillac, G.V. *see* de Genuouillac, G.V.
 Genoux-Lubain, A. *see* Beraud, R. 1-45401
 Genov, D.T. *see* Pandev, I.N. 1-27047
 Genov, G., Panchovskii, D., Mladenov, I. Study of creep of composite polymer material used in the preparation of breakwaters 1-31551
 Genova, F. *see* Boischot, A. 1-44434
 Genova, N. *see* Albini, A. 1-35720
 Gensch, U., Becker, L., Kriegl, U., Walter, M., Klugow, J., Kirk, H., Porth, P., Triatis, F.A., Barlaud, R., Cochet, C., Denegri, D., Facchini-Turler, M.L., Lewin, C., Arestov, Y., Kozlovsky, E., Levitsky, M., Minaenko, A., Moiseev, A., Ukanov, M., MacNaught, J. A production in K⁺ p interactions at 32 GeV/c 1-595
 Gensch, U. *see* Arestov, Yu. 1-5668
 Gensch, U. *see* Arestov, Yu.I. 1-36892
 Gensch, U. *see* Denegri, D. 1-28356
 Genshaft, Yu.S., Yermakov, V.A., Saltykovskiy, A.Ya. Construction of regional physico-chemical models of deep processes and the structure of the Earth's crust and the upper mantle 1-13429
 Genshaw, M.A. *see* Atrons, A. 1-16090
 Gensini, P.M. Meson-nucleus scattering lengths and sigma-terms. I. The π^- -nucleus system 1-45535
 Gensini, P.M. Meson-nucleus scattering lengths and sigma-terms. II. The K^- -nucleus system 1-45536
 Gent, A.N. Detachment of an elastic matrix from a rigid spherical inclusion 1-26525
 Gent, A.N. *see* Dreyfuss, P. 1-43435

- Gent, M.P.N., Cottam, P.F., Chien Ho A biophysical study of protein-lipid interactions in membranes of *Escherichia coli*. Fluoromeric acid as a probe 1-39899
- Gent, P.R., Semtner, A.J., Jr. Energy trapping near the equator in a numerical ocean model 1-27183
- Gent, P.R. see McWilliams, J.C. 1-49332
- Gentieu, E.P. see Anderson, D.E., Jr. 1-44354
- Gentile, D., Hassenzahl, W.V. Heat transfer measurement with a small superconducting coil subjected to transient and quasistatic heating at temperatures between 1.8 and 4.2 K 1-46664
- Gentile, S. see Caloi, R. 1-5610
- Gentile, S. see Capitani, G.P. 1-23936
- Gentile, T. see Bebek, C. 1-33191
- Gentile, T. see Chadwick, K. 1-33192
- Gentilman, R.L. see Miles, P.A. 1-29310
- Gentle, C.R., Arundel, P.A., Hamilton, D.I., Swales, P.D. Development of a twin-flap, porous ceramic mitral valve prosthesis 1-53931
- Gentle, K.W. see Hutchins, H.S. 1-2259
- Gentry, R.D., Travis, C.C. Bounds for global tritium population doses 1-53907
- Gentry, S.J. see Walsh, P.T. 1-40816
- Gentry, W.R. Rearrangement and energy transfer collisions of few-body molecular systems: experimental 1-51269
- Genuario, R.D. see Young, T.S.T. 1-6060
- Geny, J.F. see Marchal, G. 1-30698
- Genzel, H. see Berger, C. 1-5636, 1-10209
- Genzel, H. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Genzel, L. see Shen, S.C. 1-12502
- Genzel, R., Downes, D., Schwartz, P.R., Spencer, J.H., Pankonin, V., Baars, J.W.M. SiO emission in Orion-KL: an evolved star in a region of star formation or a unique object in the Galaxy? 1-9597
- Genzel, R. see Elmegreen, B.G. 1-49748
- Geobels, K. see Wilkens, H. 1-8513
- Geoffroy, K.A., Sarantites, D.G., Halbert, M.L., Hensley, D.C., Dayras, R.A., Barker, J.H. Angular momentum transfer in incomplete fusion reactions 1-50651
- Geoffroy, M., Llinares, A. Identification and structure of a novel adduct: an ESR study of $\text{Ph}_3\text{As}^+\text{CH}_3$ trapped in a single crystal matrix 1-10763
- Geoffroy, M. see Franz, R. 1-52844
- Geogdzhaz, V.O., Devyatnikov, I.P., Mosina, N.V. Calculations for a sheet with skeleton frame taking into account probability of failure 1-15427
- Geohagan, J.A. see Bhagat, S.M. 1-7841
- Georgalas, B.C., Hadjioannou, F.T., Kapebla-Economou, A.E. Relations between Higgs and gauge couplings in the SU(5) grand unified theory 1-14301
- Georgallas, A. see Pink, D.A. 1-35758
- Georgantopoulos, G.A., Koullias, J., Goudas, C.L., Courgenis, C. Free convection and mass transfer effects on the hydro-magnetic oscillatory flow past an infinite vertical porous plate 1-54356
- Georgantopoulos, G.A. see Kafousias, N.G. 1-54355
- George, A. see Blind, J.M. 1-15899
- George, A.K., Vora, R.A., Padmini, A.R.K.L. Investigation of ultrasonic velocity and related parameters in liquid crystalline mixtures 1-15952
- George, A.K., Vora, R.A., Padmini, A.R.K.L. Ultrasonic studies in polymorphic smectic liquid crystals 1-47171
- George, A.M., Cramp, W.A., Yatvin, M.B. The influence of membrane fluidity on radiation induced changes in the DNA of *E. coli* K1060 1-22070
- George, D.C., England, T.R., LaBauve, R.J., Maynard, C.W. Delayed photon sources for shielding applications 1-50966
- George, E.V. see Krupke, W.F. 1-11020
- George, J., Joy, E.C. The variation in electrical resistance with temperature for Bi/Ag bilayer films 1-38872
- George, J., Radhakrishnan, M.K. Electrical behaviour of metal contacts to Sb₂S₃ films 1-34808
- George, J. see Aldag, J.E. 1-46103
- George, J.F. see Richards, D. 1-53646
- George, M.T., Vaidyan, V.K. An electrolytic method to grow copper dendrites and single crystals in gels 1-20596
- George, N. see Morris, G.M. 1-6525
- George, P., Bock, C.W., Trachtman, M. An ab initio study of the cis- and trans-conformers of 1,3-butadiene, acrolein and glyoxal: evidence for a stabilizing interaction in cis-acrolein 1-24024
- George, P., Bock, C.W., Trachtman, M. An ab initio study of the geometry and energy of six planar conformers of β -hydroxyacrolein 1-45838
- George, P. see Bock, C.W. 1-10713, 1-37104, 1-37173, 1-45834
- George, P. see Schmiedekamp, A. 1-10649
- George, R. see Aston, D. 1-14399, 1-45297, 1-50442
- George, S.M., Auweter, H., Harris, C.B. Inhomogeneous broadening of vibrational linewidths in polyatomic liquids 1-29042
- George, T.F. see Hutchinson, M. 1-51317
- George, T.F. see Jui-teng Lin 1-21297, 1-33526
- George, T.F. see Lee, H.-W. 1-1304
- George, T.F. see Lin, J. 1-3544
- George, T.F. see Murphy, W.C. 1-35126
- Georges, A. see Gonchond, J.P. 1-20229
- Georges, J.C. see Boutrit, C. 1-3059
- Georges, R. see Chevalier, B. 1-25913
- Georges, R. see Tarascon, J.M. 1-47861
- Georges, T.M. Progress toward a practical sky-wave sea-state radar 1-23536
- Georges-Gibert, H. see Brand, R.A. 1-7983, 1-12312
- Georgescu, A., Cardos, V. Neutral stability curves for a thermal convection problem 1-33954
- Georgescu, L., Stancu, C.A. Deduction of Flory and Huggins formula for macromolecular solutions of the basis of Ising's model 1-34214
- Georgescu, S. see Barna, S. 1-51578
- Georgescu, V., Tutovan, V. Magnetic behaviour of thin films of Co-Pt alloys with 33 at.% Co and 60 at.% Co 1-34862
- Georgeson, M.A., Phillips, R. Angular selectivity of monocular rivalry: experiment and computer simulation 1-13249
- Georgi, D.T., Dean, J.P., Chase, J.A. Temperature calibration of expendable bathythermographs 1-44333
- Georgi, H. Why unify? 1-28254
- Georgi, H., Glashow, S.L., Machacek, M. μ^+ polarization in proton decay: a probe of flavor mixing in unified models 1-45185
- Georgi, H., Machacek, M. Mass rescaling an unified theories 1-475
- Georgi, H., Tomaras, T., Pais, A. θ_{QCD} without instantons 1-45227
- Georgi, H. see Claudson, M. 1-14317
- Georgi, R. see Bissem, H.H. 1-5766
- Georgiadis, L.G., Kriezis, E.E. Scattering from two parallel cylinders of finite length 1-41540
- Georgiev, G., Gochev, I., Grozdev, K. Two-magnon bound states in a system of coupled electronic and nuclear spins 1-16434
- Georgiev, G., Kalchev, D. Localized magnons around a 'surface' impurity in two interacting spin chains 1-42953
- Georgiev, M., Martinov, N., Ouroushev, D. Maxwell-Boltzmann periodic structures by point defects in ionic crystals 1-2428
- Georgiev, M.N. A phenomenological plan of fatigue crack growth 1-34408
- Georgiev, S.A. see Nikolov, O.N. 1-34880
- Georgiev, S.S. see Kirov, K.I. 1-3638
- Georgii, H.-W., Meixner, F.X. Measurement of the tropospheric and stratospheric SO₂ distribution 1-44249
- Georgii, H.-W. see Lenhard, U. 1-22453
- Georgijevic, V.J. see Todorovic, M.S. 1-29940
- Georgiou, A. A virtual theorem for general relativistic charged fluids 1-19838
- Georgiou, A.S., Legon, A.C., Millen, D.J. Spectroscopic investigations of hydrogen bonding interactions in the gas phase. VI. A microwave spectroscopic determination of geometry for the heterodimer (CH₃)₂O...HF formed between oxetane and hydrogen fluoride: hydrogen bonding as a probe for lone pairs 1-24145
- Georgiou, A.S., Legon, A.C., Millen, D.J. Spectroscopic investigations of hydrogen bonding interactions in the gas phase. The identification and determination of the geometry and electric dipole moment of the hydrogen bonded heterodimer formed between oxirane and hydrogen fluoride, (CH₂)₂O...HF, by infrared and microwave spectroscopy 1-24284
- Georgiou, G.E., Marshall, T.C., Weber, P.G. Study of turbulent heating effects in the high beta Tokamak torus II 1-15626
- Georgiou, K., Krot, H.W. Microwave spectrum, structure and dipole moment of trans-2-propenethial, CH₂=CHCH=S 1-14874
- Georgobiani, A.N., Kotlyarevskii, M.B. Luminescence of ion-alloyed crystal phosphors belonging to the Al^{III} group 1-12548
- Georgobiani, A.N., Kotlyarevskii, M.B., Ludzish, O.S. Ion implantation of indium in zinc sulfide 1-47106
- Georgobiani, A.N., Kotlyarevskii, M.B., Ludzish, O.S., Lastova, V.V., Vysukubov, V.P., Gribkov, V.A., Zhogov, L.M., Il'in, Yu.M., Isakov, A.I., Krokhn, O.N., Lavrov, N.N. Production of ZnS of p-type conductivity by doping with P⁺ ions 1-47105
- Georgopoulos, P. see Karim, D.P. 1-31235
- Geppert, U., Nattermann, T., Kuhnle, A. Opposite anomalous behaviour of relaxation times in ferroelectrics 1-21035
- Gera, B.S., Sarkar, S.K. Sodas as an indicator of microwave propagation characteristics 1-13518
- Gera, B.S. see Singal, S.P. 1-4576
- Gerace, W.J., Sternheim, M.M., Kwang-Bock Yoo, Sparrow, D.A. Limitations of pion charge exchange calculations using isospin identities 1-23686
- Geraci, J.P. Efficacy of neutrons in radiotherapy 1-53863
- Geramb, H.V. see Bauhoff, W. 1-45480
- Geramb, H.V. see Palla, G. 1-50565
- Geramb, H.V. Von see Von Geramb, H.V.
- Geranios, A. Solar-wind velocity decreases 1-32589
- Gerard, A. The propagation of SH waves in the presence of a multilayer sphere 1-46695
- Gerard, A. see Balestri, B. 1-28343
- Gerard, D. see Lianos, P. 1-29024
- Gerard, E. see Bockelee-Morvan, D. 1-17795
- Gerard, N. see Belkhir, L. 1-3744
- Gerard, P., Deneuville, A., Courths, R. Characterization of a-WO₃ thin films before and after coloration 1-8043
- Gerard, P. see Abbes, M. 1-25474
- Gerard, P. see Jouve, H. 1-7915
- Gerard, R. see Abbes, M. 1-25474
- Gerardin, D., Morniroli, J.P., Michel, H., Gantois, M. Microstructural study of ϵ -iron-carbonitrides formed by a glow discharge technique 1-39331
- Gerardin, R. see Evard, O. 1-34324
- Gerardy, J.M., Ausloos, M. Absorption spectrum of clusters of spheres from the general solution of Maxwell's equations. The long-wavelength limit 1-26207
- Gerashchenko, O.A., Cherin'ko, V.N. Numerical correction of time lag in thermometric transducers using Dorodnitsyn method 1-251
- Gerashchenko, O.A., Sazhina, S.A., Tsarenko, N.V., Grabovskii, V.V. Use of infrared spectroscopy to analyse optical properties of materials 1-8641
- Gerashimenco, A.N. On recovery and reflection-refraction formulas in geometric seismology of layered media 1-22244
- Gerashimenco, M.V., Kozlov, G.I., Kuznetsov, V.A. Mechanisms for stabilization and oscillations of the plasma of a steady laser discharge 1-38102
- Gerashimenco, N.N., Tseitlin, G.M. Ion implantation in integrated optics 1-11184
- Gerashimenco, N.N., Tseitlin, G.M., Vasilev, S.V. Formation of B₂-centres during ion irradiation of SiO₂ layers 1-38413
- Gerashimenco, V.I. On nonelastic reflection of diatomic molecules from a solid surface 1-31268
- Gerashimenco, V.I., Petrina, D.Ya. Statistical mechanics of quantum-classical systems. Nonequilibrium systems 1-27860
- Gerashimenco, V.S. see Bykovskii, Yu.A. 1-6694
- Gerashimenco, V.S. see Stefanovich, V.A. 1-2406
- Gerashimenco, V.S. see Suslikov, L.M. 1-35033
- Gerashimov, A.B., Golubkov, V.B., Kuteliya, E.P., Mineev, V.P., Mkrtychyan, E.M., Tsertsivadze, A.A. Effect of ultraviolet irradiation during the thermal annealing of silicon with implanted boron 1-30275
- Gerashimov, A.B. see Abagyan, S.A. 1-31023
- Gerashimov, A.B. see Alaniya, N.M. 1-20265
- Gerashimov, A.I. see Pavlovskii, A.I. 1-18931
- Gerashimov, A.L., Gutkin, A.A., Rogachev, A.A. Long-wave photoconductivity involving states at the semiconductor-dielectric interface in a GaAs metal-semiconductor structure with an intermediate oxide layer 1-52660
- Gerashimov, A.V., Narsiya, G.Sh., Eristavi, G.L. Absorption edge of germanium bombarded by fast neutrons in the direct-transition region 1-30283
- Gerashimov, G.A. see Glushkov, M.V. 1-1239
- Gerashimov, G.N., Egorova, L.V. Emission spectrum of helium-3 and helium-4 diatomic molecules in the 465 nm region 1-28987
- Gerashimov, G.N. see Basilevsky, M.V. 1-53422
- Gerashimov, N., Stefanov, B., Zarkova, L. Thermal conductivity of monatomic potassium vapour in the range 1200-1900 K 1-6917
- Gerashimov, P.V. see Belov, S.P. 1-28639
- Gerashimov, V.P., Gudramovich, V.S., Larionov, I.F., Mulyar, Yu.M., Savvin, Yu.I. Ductile fracture of composite shells in axial compression 1-1897
- Gerashimov, V.V., Gromova, A.I., Belous, V.N., Denisov, V.G. Use of perlitic steels in atomic power plants with boiling reactors 1-28598
- Gerashimov, V.V., Tarasovich, B.P., Kuznetsov, E.V., Ashmarin, G.D. Preparation of a thin-layer coating of aluminum polyphosphate on ceramic substrates 1-39483
- Gerashimova, I.A., Nesterenko, T.M., Khapalyuk, A.P. Oscillation conditions of a complex resonator with lenses 1-46392
- Gerashimova, L.P., Guk, Yu.P., Solov'ev, B.M., Piskareva, N.M., Surikova, T.V. Crack initiation and propagation in aluminum alloys with coatings during cyclic loading 1-39443
- Gerassimenko, M. see Chasc, R.C. 1-51988
- Gerasyuk, A.K., Starostin, N.V. Calculation of the electronic structure of rare-earth ions in crystals 1-34652
- Gerasyuk, L.K. see Gimanov, V.P. 1-1014
- Gerbal, D. see Baptista, J.P. 1-36168
- Gerbal, D. see Capelato, H.V. 1-22902
- Gerbaldi, M., Morguleff, N. Two dimensional spectral classification of early type stars by narrow band photometry 1-49634
- Gerbaux, X. see Strimer, P. 1-37564
- Gerber, C. see Binnig, G. 1-50149

- Gerber, E.A. Precision frequency control and selection: a bibliography 1-22964
- Gerber, G.B., Maes, J. Stem cell kinetics in spleen and bone marrow after single and fractionated irradiation of infant mice 1-49073
- Gerber, J., Freeman, R.M., Speidel, K.-H., Kumbartzki, G.J., Knauer, W., Mertens, V., Tandon, P.N., Goldberg, M.B. K-shell polarization of O ions in ferromagnets by spin dependent electron promotion via molecular orbitals 1-16513
- Gerber, J. *see* Goldberg, M.B. 1-18542
- Gerber, K.A. *see* Sethian, J.D. 1-2210
- Gerber, P.R., Schadt, M. On the measurement of elastic constants in nematic liquid crystals: comparison of different methods 1-7081
- Gerber, R.B., Yinnon, A.T. Approximate solution of the inversion problem for atom-surface scattering 1-3554
- Gerber, R.B., Yinnon, A.T., Shimoni, Y., Kouri, D.J. Rotationally inelastic molecule-surface scattering in the sudden approximation 1-24211
- Gerber, R.B. *see* Buch, V. 1-45815
- Gerber, R.B. *see* Ratner, M.A. 1-28858
- Gerber, S.B. *see* Loomis, B.A. 1-52184
- Gerber, T., Luthy, W., Burkhard, P. High efficiency KrF excimer flashlamp 1-15243
- Gerber, T. *see* Burkhard, P. 1-6547, 1-29271
- Gerberg, A.N. *see* Rabinovich, Ya.D. 1-14143
- Gerberich, W.W. *see* Israel, S.J. 1-53297
- Gerberich, W.W. *see* Pow, E.C. 1-48580
- Gerbert, A.N., Mukho, S.B., Rabinovich, Ya.D., Skachkov, V.S. Quadrupole lens with poles of implicit form based on permanent magnets 1-37037
- Gerbig, V. Computer-interferometric holograms used for laser beam scanners 1-41640
- Gerbig, V. *see* Case, S.K. 1-6522, 1-41641
- Gerbracht, H. *see* Pellinen, D.G. 1-23266
- Gerby, E. *see* Boxman, R.L. 1-34147
- Gerchev, St.Ya. *see* Pavlov, V.P. 1-15363
- Gerchikov, A.S. *see* Agafonov, B.I. 1-36721, 1-36755
- Gerchman, M.C., Hunter, G.C. Differential technique for accurately measuring the radius of curvature of long radius concave optical surfaces 1-29414
- Gerchman, V.Yu. *see* Valiev, R.Z. 1-21524
- Gerck, E., d'Oliveira, A.B. On the three-body problems of non-relativistic potentials of the form $K_1 r^2 + K_2 / r + C$ 1-49987
- Gerdanian, P. *see* Millot, F. 1-11901
- Gerda, E. *see* Netz, G. 1-14458
- Gerd, V.P. Analytical calculations in high energy physics by computer 1-14223
- Gerd, V.P., Tarasov, O.V., Shirkov, D.V. Analytic calculations on digital computers for applications in physics and mathematics 1-50
- Gerdnyukov, L. *see* Barth, M. 1-41018, 1-45377
- Gerdnyukov, L.N. *see* Ajinenko, I.V. 1-592, 1-5667, 1-23525
- Gerdnyukov, L.N. *see* Chliapnikov, P.V. 1-599, 1-36886
- Gereno, M.E. *see* Kurov, I.E. 1-16672
- Gerens, L.J., Batzold, R.C. Study of chemisorption on silver surfaces using ultraviolet photoelectron spectroscopy (UPS) 1-16664
- Gergel, V.A. *see* V'yukov, L.A. 1-30834
- Gergely, G. *see* Romhanyi, K. 1-21580
- Gergely, J. *see* Thomas, D.D. 1-26872
- Gergely, T.E., Kundu, M.R., Golub, L., Webb, D. Decametric radio bursts associated with coronal loop structures 1-4899
- Gergely, T.E. *see* Kundu, M.R. (editor) 1-19
- Gerger, R.B. *see* Yinnon, A.T. 1-32902
- Gerges, S.N. Yousri *see* Yousri Gerges, S.N.
- Gerhard, W. *see* Plog, C. 1-31279
- Gerhardt, B., Muller, H., Dress, J., Gerhardt, C., Koscek, K., Lenzen, G., Opara, U., Renkhoff, M., Schneider, A. Electroproduction cross sections in the resonance region measured at large scattering angles 1-28328
- Gerhardt, B. *see* Dress, J. 1-28328
- Gerhardt, Ch. *see* Gerhardt, B. 1-45302
- Gerhardt, H.J. *see* Gowda, B.H.L. 1-11408
- Gerhardt, V. *see* Aubert, J.J. 1-5630
- Gerhardts, R.R. Magnetic field induced phase transition of a three-dimensional electron gas 1-20646
- Gerhardt, P.R. *see* Crouch, P.C. 1-45783
- Gerharz, R. On the enhancement of Haidinger's Brush effect with color striations 1-8864
- Gerhold, H.R. On the generalized Kuti-Weisskopf model for parton distributions 1-36841
- Gerhold, H.R. *see* Buschbeck, B. 1-28358
- Gericke, K.-H. *see* Orgies, G. 1-36070, 1-54285
- Gergik, W., Maier, M. Quantitative analysis of doped GaAs by quadrupole SIMS 1-31951
- Gerkovskiy, L. *see* Gidlykov, A. 1-21999
- Gering, G.I. *see* Bespal'ko, A.A. 1-23865
- Gerischer, H. Photoassisted interfacial electron transfer 1-34765
- Gerischer, H. *see* Kautek, W. 1-13019, 1-34788, 1-39808
- Gerischer, H. *see* Wetzel, H. 1-31913, 1-52930
- Gerish, T.V. *see* Efimov, E.A. 1-38687
- Gerke, C. *see* Berger, C. 1-5636
- Gerke, Ch. *see* Berger, C. 1-10209
- Gerke, Ch. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Gerken, F. *see* Kobayashi, K.L.I. 1-53046
- Gerl, M., Bruson, A. Diffusion in liquid metals and simple liquids 1-25476
- Gerl, M. *see* Bruson, A. 1-25478
- Gerlach, B. *see* Adamowski, J. 1-2892
- Gerlach, R., Amer, N.M. Brewster window and windowless resonant spectrophones for intracavity operation 1-18302
- Gerlach, R. *see* Fournier, D. 1-13046
- Gerlach, T.M. *see* Randich, E. 1-35244
- Gerlach, U. *see* Terukov, E.I. 1-25635
- Gerlach, U.H., Sengupta, U.K. Gauge-invariant coupled gravitational, acoustical, and electromagnetic modes on most general spherical space-times 1-5192
- Gerlach, U.H., Sengupta, U.K., Collins, S.A., Jr. Single-spatial light modulator bistable optical matrix device using optical feedback 1-1687
- Gerlach-Meyer, U. Ion enhanced gas-surface reactions: A kinetic model for the etching mechanism 1-48549
- Gerlach-Meyer, U., Coburn, J.W., Kay, E. Ion-enhanced gas-surface chemistry: the influence of the mass of the incident ion 1-48736
- Gerland, M. *see* Gaboriaud, R.J. 1-53225
- Gerlic, E. *see* Perrin, G. 1-50577
- Gerlic, E. *see* Riepe, G. 1-23949
- Gerlich, D., Wolf, M. The elastic moduli and their pressure derivatives for gallium and indium phosphide 1-34398
- Gerling, R., Huller, A. Langevin model of the rotational diffusion of molecules 1-25183
- Gerlov, I.Ya. *see* Abramov, A.P. 1-3487, 1-11827
- Germain, C. *see* Benattar, J.J. 1-38264
- Germain, R. *see* Canetov, G. 1-4289
- German, E.D., Kuznetsov, A.M., Dogonadze, R.R. Theory of the kinetic isotope effect in proton transfer reactions in a polar medium 1-21694
- German, M.D. *see* Shih, C.F. 1-46709
- German, R.M. Problems with computer simulation of sintering kinetics 1-3651
- Germano, F.A. *see* Catlow, C.R.A. 1-38819
- Germel, V., Kornyshev, Yu.V., Oshkaderov, S.P., Zigel, S., Shvital, V.A. Studies in diffusion pore healing under Joule's heating 1-35208
- Germer, R. *see* Broser, I. 1-2927
- Germer, R. *see* Pekruhn, W. 1-8688
- Germi, P. *see* Percheron-Guegan, A. 1-20119
- Gerموgenov, V.P. *see* Vilisov, A.A. 1-42652
- Germond, J.-F., Johnson, M.B. Analytical approximation to pion-nucleus scattering near the (3,3) resonance 1-5802
- Germond, J.-F., Stricker, K., Wilkin, C. Pion absorption below the Coulomb barrier 1-41138
- Gerns, G.J.B. *see* Kroner, A. 1-40047
- Gernhardt, J. *see* Niedermeyer, H. 1-25040
- Geroch, R., Horowitz, G.T. Global structure of spacetimes 1-18107
- Geroft, J.P. *see* Fenton, G.G. 1-8668
- Gerola, H., Seiden, P.E., Schulman, L.S. Theory of dwarf galaxies 1-44624
- Gerold, V. Precipitation hardening 1-3763
- Gerold, V. *see* Vogel, W. 1-30243
- Gerold, V. *see* Haasen, P. (editor) 1-5030
- Gerovich, V.M., Damskin, B.B. Adsorption parameters of butyl, amyl, and hexyl alcohol at the solution/air interface 1-52400
- Geroyannis, V.S. Rotational dynamics of a deformable medium: further generalization 1-36170
- Geroyannis, V.S., Antonakopoulos, G.A. Structure-distortion of polytypic stars by differential rotation: third-order perturbation theory 1-40462
- Gerrard, J.H. The effect of the skin friction of the solution of the one-dimensional equations of pulsatile flow in distensible tubes 1-32168
- Gerratt, J., Papadopoulos, M. Direct calculation of intermolecular potential energy surfaces 1-33534
- Gerratt, J. *see* Raimondi, M. 1-31386
- Gerritts, G.J. *see* Flokstra, J. 1-287
- Gerrity, D.P. *see* Roebber, J.L. 1-6269
- Gerrity, D.P. *see* Rothberg, L.J. 1-29052
- Gerry, C.C., Inomata, A. Electromagnetic interactions and the relativistic infinite-component wave equation for hydrogen 1-45139
- Gerry, M.C.L. *see* Churchill, E. 1-9622
- Gerry, M.C.L. *see* Wellington Davis, R. 1-14877
- Gersch, H.L. *see* Cleveland, C.L. 1-24921
- Gerschel, C., Perrin, N., Valentin, L., Tricoire, H., Ader, B., Paya, D. How fast a particles are emitted in 'massive transfer' reactions 1-45519
- Gershbein, E.A., Kolesnikov, A.F. Investigation of the influence of blowing on the flow in a hypersonic viscous shock layer near the stagnation streamline on a blunt body 1-37963
- Gershbein, E.A., Peigin, S.V. Laminar boundary layer on a partly moving surface in the presence of blowing or suction 1-19669
- Gershenson, E.M., Tumanov, B.N., Levit, B.I. Autodyne and modulation characteristics of semiconductor injection lasers 1-37497
- Gershenson, E.M., Zayats, V.A., Mel'nikov, A.P., Rabinovich, R.I., Serebryakova, N.A., Tomach, Yu.V. Observation of the delocalisation threshold of H⁻-like impurity centre states in doped semiconductors 1-3016
- Gershenson, M.E., Koshelets, V.P. Superconducting properties of Nb and NbN films synthesized by RF cathode sputtering 1-25823
- Gershikov, A.G. *see* Spiridonov, V.P. 1-29115, 1-29116
- Gershman, R.B. *see* Goldshteyn, V.Ya. 1-8329
- Gershstein, L.I. *see* Belov, S.P. 1-37205
- Gershstein, S.S., Komachenko, Yu. Ya., Khlopov, M.Yu. Production of fast pions in exclusive neutrino processes 1-36858
- Gershsteyn, S.S. Mechanism of collective acceleration of solar cosmic rays 1-22651
- Gershubi, G.V. *see* Gavrilov, L.R. 1-39962
- Gershubi, G.Z., Zhukhovitskii, E.M., Lyubimov, D.V. Stability of stationary convective flow of a mixture in a vertical porous layer 1-37903
- Gerson, D.J. *see* Durig, J.R. 1-45963
- Gersonde, K. *see* Afanas'ev, A.M. 1-34961
- Gerstein, B.C. *see* Cheung, T.T.P. 1-19118, 1-31051
- Gerstein, B.C. *see* Cirillo, A.C., Jr. 1-7966
- Gerstein, B.C. *see* Jeffrey, F.R. 1-52854
- Gerstein, B.C. *see* Reimer, J.A. 1-47957
- Gerstein, B.C. *see* Taylor, R.E. 1-31040
- Gerstein, M., Choudhury, P.R. Liquid phase decomposition: a possible problem with fuels in high pressure systems 1-29796
- Gerstein, M., Choudhury, P.R. (editor) Proceedings of the 1980 Heat Transfer and Fluid Mechanics Institute 1-27678
- Gersten, J., Nitzan, A. Electromagnetic theory of enhanced Raman scattering by molecules adsorbed on rough surfaces 1-6267
- Gersten, J., Soodak, H., Tiersten, M. Jack and the skyhook: the beanstalk revisited (mechanics) 1-40617
- Gersten, J. *see* Goldstein, Y. 1-12613
- Gersten, J.L., Weitz, D.A., Gramila, T.J., Genack, A.Z. Inelastic Mie scattering from rough metal surfaces: Theory and experiment 1-21203
- Gersten, K., Cosart, W.P. Heat transfer about a rotating disk with strong blowing 1-29687
- Gerstenkorn, S., Luc, P. The iodine absorption spectrum around 5915 Å. Calibration and assignments 1-45888
- Gerstenkorn, S., Luc, P., Sintelze, J. Study of the iodine absorption spectrum by means of Fourier spectroscopy in the region 12600-14000 cm⁻¹ 1-19107
- Gerstenkorn, S., Luc, P., Verges, J. On the ground vibrational level of the A²Π_{1/2} state of the I₂ molecule 1-45951
- Gersting, J.M., Jr. *see* Naghi, A.K. 1-19580
- Gerstl, S.A.W. *see* Dubi, A. 1-10402
- Gerth, E. *see* Scholz, G. 1-49654
- Gertner, I. *see* Felsteiner, J. 1-31222
- Gertner, Yu. Nonlinear diffusion equations and excitable media 1-36496
- Getovitch, T.S., Grineva, S.I., Gutsulyak, V.G., Orletskiy, V.B., Tovstuyk, K.D., Khramtsova, S.A. Optical and electric properties of Pb_{1-x}Sn_xSe single crystals 1-3419
- Gerts, V.E. *see* Artem'ev, A.Yu. 1-46311
- Gertsen, N.P., Lebedev, V.M., Stember, N.G., Bondarenko, V.S., Venevets, Yu.N. Solid solutions of the (Na_{0.5}Bi_{0.5})₂TiO₃-CdTiO₃ system [Synthesis, structure and ferroelectric properties] 1-39042
- Gertsman, V.Yu. *see* Valiev, R.Z. 1-52153
- Gertsirskii, D.S., Ignatenko, A.I., Savitskaya, L.A., Tyshkevich, V.M., Falchenko, V.M. Peculiarities of iron mass-transfer in molysbdenum under impulse loading 1-20468
- Gertzberg, N.B. *see* Malik, A.B. 1-49028
- Gertzen, N.P. *see* Venevets, Yu.N. 1-21141
- Gerus, S.V., Kharitonov, V.I., Leboanov, E.A. Stochastic properties of small-size antiferromagnetic particles 1-30990
- Gervais, A., Tertian, L., Hokim, D., Deschamps, J. Electron microscopy observation of subboundary migration in nickel oxide 1-16099
- Gervais, F., Olivain, J., Queumener, A., Trocheris, M. Interaction between a Langmuir wave and a ballistic perturbation 1-11554
- Gervais, F. *see* Quittet, A.M. 1-52935
- Gervais, F. *see* Serovin, J.L. 1-21204
- Gervais, J.-L., Neveu, A. String dynamics in QCD 1-28194
- Gervas'eva, I.V. *see* Titov, D.B. 1-8328
- Gerver, M.A. *see* Nevins, W.M. 1-51981
- Gervino, G. *see* Balestra, F. 1-28504
- Gervits, E.I. *see* Petrovskii, V.Ya. 1-39025
- Gervois, A. *see* Cornille, H. 1-9953, 1-9956, 1-18710, 1-36585
- Gerward, L. Basic X-ray interactions with matter 1-39180
- Gerward, L. *see* Buras, B. 1-23964
- Gerweck, L.E. *see* Urano, M. 1-17352
- Gery, A. *see* Bacher, P. 1-45705
- Gerzanyan, E.I. On the influence of uniform compression on absorption edge reflection spectra and band structure in SbSI 1-21231

- Gerzberg, L., Meindl, J.D. Power-spectrum centroid detection for Doppler systems applications 1-6741
- Gerzberg, L., Meindl, J.D. The \sqrt{f} power-spectrum centroid detector: system considerations, implementation, and performance 1-6742
- Gerzberg, L. *see* Lu, N.C.C. 1-42876
- Gerzison, S.A. *see* Burgov, N.A. 1-598
- Gesch, H. *see* Dorda, G. 1-12202
- Geschwind, S., Walstedt, R.E., Romestain, R., Narayanamurti, V., Kummer, R.B., Feigenblatt, R., Devlin, G. The study of electron dynamics in n-type CdS by spin-flip Raman scattering. [Model amorphous antiferromagnet] 1-48083
- Gesell, T.F. Highlights of the Fourth International Intercomparison of Environmental Dosimeters under field and laboratory conditions 1-6089
- Geselowitz, D.B. Computer simulation of the human magnetocardiogram 1-8887
- Geselowitz, D.B. Representation of electric sources in anisotropic cardiac muscle 1-32111
- Gesheva, K.A., Chain, E.E., Seraphin, B.O. Black molybdenum photothermal converter layers deposited by pyrolytic hydrogen reduction of MoO_3Cl_2 1-13173
- Gesi, K., Ozawa, K., Osaka, T., Makita, Y. Dielectric study on the effect of hydrostatic pressure on the phase transitions in the system of $[(\text{NH}_4)_2\text{H}(\text{SO}_4)_2]_{1-x}[(\text{ND}_4)_2\text{D}(\text{SO}_4)_2]_x$ 1-8010
- Gesmund, F., De Asmundis, C., Coen-Portisini, F., Ruedl, E. High temperature corrosion of a ternary Ni-29Mo-4Fe alloy in a mixed hydrogen chloride-water vapour atmosphere 1-12919
- Gesmund, F., Nanni, P., Whittle, D.P. Oxidation behavior of two-phase alloy Fe-44 w/o Cu 1-3967
- Gesmund, F. *see* Viani, F. 1-16944
- Gessaroli, R. *see* Adamovich, M.I. 1-45317
- Gessaroli, R. *see* Fiorino, A. 1-50583
- Gessert, C., Schwittke, G.H. Device for continuous pulling and cutting of ribbon crystals 1-3600
- Gessert, C., Schwittke, G.H. Toricelli growth of elongated crystals in tubular and sheet form 1-48250
- Gestblom, B., Jonsson, B. A computer controlled dielectric time domain spectrometer 1-286
- Gester, A.A. The financing of Frigg 1-8660
- Gestrich, D. *see* Doiron, T. 1-11949
- Gesztyeli, L. *see* Dezzo, L. 1-4854
- Gesztesy, F., Lang, C.B. An efficient method for the summation of partial wave amplitudes for long-range potentials 1-9873
- Gesztesy, F., Thaller, B. Born expansions for Coulomb-type interactions 1-4777
- Getalov, A.L. *see* Barsov, S.G. 1-16518
- Getling, A.V. On preferred wave numbers of two-dimensional perturbations in the problem of convection in a horizontal layer 1-19712
- Getman, I.P., Ustinov, Y.A. Stability and supercritical behavior of a layered plate 1-19599
- Getman, V.A., Gorbenko, V.G., Grushin, V.F., Derkach, A.Yu., Zhebrovskii, Yu.V., Karnaukhov, I.M., Kolesnikov, L.Ya., Lukhanin, A.A., Rubashkin, A.L., Sanin, V.M., Sorokin, P.V., Sporov, E.A., Telegin, Yu.N., Shalatskii, S.V. The production of positive pions from polarized protons by linearly polarized photons in the energy region 300-420 MeV 1-10230
- Getman, V.S. *see* Babadzhanyan, P.B. 1-4831
- Getmanets, V.F. *see* Verkin, B.I. 1-47221
- Getmanskii, A.P. *see* Ovcharenko, A.M. 1-26492
- Getoff, N. *see* Hartig, K.J. 1-48256
- Gettemy, D., Barnes, N.P., Griggs, E. Liquid nitrogen cooled laser rod holder design 1-1587
- Gettemy, D.J. *see* Barnes, N.P. 1-16542
- Getting, L.C. *see* Sondergeld, C.H. 1-22337
- Gettings, M., Kinloch, A.J. Surface characterization and adhesive bonding of stainless steels. II. The steel/adhesive interface 1-21693
- Gettins, J. *see* Causon, D. 1-52237
- Gettner, M. *see* Faissler, W. 1-45351
- Gettrust, J.F., Furukawa, K., Kroenke, L.W. Crustal structure of the Shatsky Rise from seismic refraction measurements 1-22288
- Gettrust, J.F. *see* Furukawa, K. 1-32390
- Gettys, W.E., Ray, J.R., Breitenberger, E. Bohlin's and other integrals for the damped harmonic oscillator 1-40627
- Gewe, R.J. *see* Dubicki, L. 1-1266
- Geurt, J.A. General theory unifying and extending the Landau-Khalatnikov, Ginzburg-Pitaevskii, and Hills-Roberts theories of superfluid ^4He 1-11934
- Geurts, P., Burgers, H., van der Avoird, A. Hartree-Fock-Slater-LCAO studies of the acetylene-transition metal interaction. III. Binding to mono- and dinuclear Ni complexes with carbonyl and isocyanide ligands 1-37097
- Geurts, P., Ravenek, W., Van Der Avoird, A. Hartree-Fock-Slater-LCAO studies of the acetylene-transition metal interaction. IV. Dissociation fragments on Ni surfaces; cluster models 1-52431
- Geurts, P., van der Avoird, A. Hartree-Fock-Slater-LCAO studies of the acetylene-transition metal interaction. I. Chemisorption on Ni surfaces; cluster models 1-39682
- Geurts, P., Van Der Avoird, A. Hartree-Fock-Slater-LCAO studies of the acetylene-transition metal interaction. I. Chemisorption on Fe and Cu; cluster models 1-52430
- Geus, W. *de see* Geus, W.
- Geutler, G., Krochmann, J. Quantities of photobiologically effective radiation and their measurement 1-8911
- Geutler, G., Krochmann, J. Photoelectrical sensors for the measurement of photobiologically effective radiation 1-9064
- Geutler, G., Krochmann, J. Precise measurements of light and color 1-14168
- Geva, M. *see* Krishnan, M. 1-34126
- Gevins, A.S. Analysis of brain electrical potentials (BEP) in the 1980s 1-32287
- Gevins, A.S., Schaffer, R.E. A critical review of electroencephalographic (EEG) correlates of higher cortical functions 1-39903
- Gevorgyan, S.D. *see* Pogossyan, Ya.M. 1-3210
- Gevorgyan, A.S. *see* Sarkisyan, A.V. 1-22783
- Gevorgyan, E.V. Structure function of smectic liquid crystals 1-46999
- Gevorgyan, S.D. *see* Pogossyan, Ya.M. 1-3225
- Geweniger, C. Structure functions from neutrino nucleon scattering 1-45265
- Gewinner, G., Peruchetti, J.C., Riedinger, R., Jaegle, A. Surface energy bands observed in photoemission from $\text{A}(1\times 1)-\text{N}$ structure on $\text{Cr}(100)$ 1-35148
- Gex, J.P. *see* Valat, P. 1-51545
- Geyer, E.H. Slitless spectroscopy of stars with grating-prism and focal reducer techniques 1-54380
- Geyer, E.H. *see* Nelles, B. 1-49519
- Geyer, F.F., Fan, H.Y. Stimulated spin-flip scattering, photoluminescence, and magnetoabsorption in n-type $\text{Hg}_{0.99}\text{Mn}_{0.01}\text{Te}$ 1-29335
- Geyer, H.B., Hahne, F.J.W. Pairing and surface bosons and the group $\text{Sp}(4)$ 1-18582
- Geyer, K.H. The geometry of a space-time with Kottler, Weyl and Trefftz metric 1-9360
- Geyling, F.T. *see* Rongved, L. 1-29412
- Geyling, F.T. *see* Walker, K.L. 1-26391
- Gezalov, M.A., Mamedov, N.T., Nani, R.Kh., Salaev, E.Yu. The crystalline structure and energetic spectra of GaTeSe_2 and $\text{InGa}_{1-x}\text{Se}$ solid solutions 1-47056
- Gezari, D.Y. *see* Cheung, L.H. 1-13823
- Ghaem-Maghani, V., May, A.D. Comparison of the Rayleigh-Brillouin spectrum of He, Ne, and Ar with a generalized Enskog theory 1-2139
- Ghafari, M. *see* Wagner, H.G. 1-31073
- Ghai, A.K. *see* Verma, H.K. 1-32293
- Ghajar, A.J., Parker, J.D. Laminar free convection in the supercritical region with variable properties 1-29799
- Ghalib, M. *see* Riad, S. 1-54041
- Ghandhi, S.K., Field, R.J. Highly oriented zinc oxide films grown by the oxidation of diethylzinc 1-8234
- Ghandhi, S.K., Shastry, S.K., Borrego, J.M. Thermal stabilization of thin-film GaAs solar cells with grain-boundary-edge passivation 1-48835
- Ghandhi, S.K. *see* Weiner, A.S. 1-26833
- Ghang-zhong Xie *see* Xie Ghang-zhong
- Gharakhani, A., Vosburgh, R.O., Cudlin, J.J., LaBelle, D.W. A new era for the non-LOCA overcooling events 1-28669
- Gharbi, T. *see* Galatry, L. 1-10865
- Ghatak, A.K. *see* Khular, E. 1-46552
- Ghatak, A.K. *see* Sharma, A. 1-41856
- Ghatak, K.P., Chowdhury, A.K., Ghosh, S., Chakravarti, A.N. Effect of temperature on the validity of the Einstein relation in heavily doped semiconductors 1-20759
- Ghatak, K.P., Ghoshdary, A.K., Ghosh, S., Chakravarti, A.N. Doping dependence of the Debye screening length in heavily-doped semiconductors having Gaussian band-tails 1-16249
- Ghatak, K.P. *see* Chakravarti, A.N. 1-3044, 1-47675, 1-52311
- Ghatak, S.K. *see* Moorjani, K. 1-30957
- Ghate, P.B. *see* Blair, J.C. 1-16211
- Ghatikar, M.N. *see* Hatwar, T.K. 1-43219
- Ghatikar, M.N. *see* Koul, P.N. 1-39182
- Ghauri, M., Hogarth, C.A. The electrical activation energies in $\text{CdO-P}_2\text{O}_5$ glasses under high and low electric fields 1-38783
- Ghazali, A. *see* Serre, J. 1-47471
- Ghazanfari, A., Hicken, E.F., Ziegler, A. Unsteady dispersed flow heat transfer under loss-of-coolant accident related conditions 1-10449
- Ghazi, A.A., Challis, L.J., Williams, D.L., Fletcher, J.R. The observation of anomalous ion sites in Al_2O_3 by phonon frequency crossing spectroscopy 1-15971
- Ghazi, A.A. *see* Challis, L.J. 1-15970
- Ghazi, A.A. *see* Wybourne, M.N. 1-30494
- Gheffenstein, M. *see* Funchs, A.H. 1-38493
- Ghella, C. Transient conformational states in proteins followed by differential labeling 1-8812
- Gheorghe, A. *see* Raduta, A.A. 1-45405
- Gheorghe, G., Ionel, C. Approximation of magnetizing curves with adjusting spline functions and rating of derived dependencies used in some numerical computing methods for the magnetic field 1-51339
- Gheorghe, V. *see* Indrei, S. 1-35566
- Gheorghiu, A. *see* Theye, M.-L. 1-12108, 1-35118
- Ghergu, D. *see* Trimbatis, I. 1-40076
- Ghez, P. *see* Alkkofer, O.C. 1-45773
- Ghez, P. *see* Aubert, J.J. 1-5630
- Ghez, R. *see* DiMaria, D.J. 1-7632
- Ghezzi, C. *see* Franzosi, P. 1-35186
- Ghezzi, U. *see* Brioschi, C. 1-40759
- Ghi Chae, D. *see* Yoon, K. 1-44846
- Ghiassy, M.A. *see* Cracknell, A.P. 1-12373
- Ghidini, *see* Armstrong 1-10254
- Ghidini, B. *see* Costa, G. 1-23516
- Ghidini, B. *see* Di Gennaro, V. 1-5660
- Ghidini, B. *see* Evangelista, C. 1-23515, 1-45354
- Ghika, G., Visinescu, M. Four-dimensional sigma-model coupled to the metric tensor field 1-428
- Ghil, M. The compatible balancing approach to initialization, and four-dimensional data assimilation 1-9226
- Ghiarducci, A., Ahlers, M. Internal friction in quenched β phase CuZn and CuZnAl alloys 1-43400
- Ghio, C., Scrocco, E., Tomasi, J. The effect of substitution on the properties of a chemical group. II. An analysis of the SCF description of changes in the C-C group in monosubstituted ethylenes and acrylonitriles 1-19026
- Ghio, C., Scrocco, E., Tomasi, J. The effect of substitution on the properties of a chemical group. III. An analysis of the SCF description of changes in the C-H groups in monosubstituted ethylenes and acrylonitriles 1-19027
- Ghiorso, A. *see* Hoffman, D. 1-5810
- Ghiorso, A. *see* Nitschke, J.M. 1-36971
- Ghiotti, G. *see* Bocuzzi, F. 1-52929
- Ghiotti, G. *see* Coluccia, S. 1-21782
- Ghiardi, G.C., Omero, C., Rimini, A., Weber, T. Quantum dynamical semigroups description of decay processes and Zeno's paradox in quantum mechanics 1-5131
- Ghista, D.N., Perkhach, I. Biomechanical basis for recommendation of transurethral sphincterotomy in spinal-cord-injury patients with detrusor-sphincter dyssynergia 1-32167
- Ghista, D.N. *see* Radhakrishnan, S. 1-49032
- Ghita, C., Ghita, L., Baltog, I., Constantinescu, M. Spectroellipsometric investigation of PbI_2 single crystal 1-26230
- Ghita, C. *see* Baltog, I. 1-21246
- Ghita, C. *see* Marulescu, L. 1-21264
- Ghita, L. *see* Ghita, C. 1-26230
- Gho, C.J., Saffoni, M.M., Parkinson, T.F., Abbate, M.J. Effect of photoneutrons on thermalization experiments in D_2O 1-18640
- Ghobarkar, H. *see* Franke, W. 1-47032
- Ghobrial, S.I. The effect of sand storms on microwave propagation 1-54233
- Ghodaonkar, A.M. *see* Gogawale, S.R. 1-14833
- Ghodaonkar, A.M. *see* Ramani, K. 1-12412
- Ghomi, M. *see* Taurul, L. 1-3394
- Ghoniem, N.A. *see* Ahmed, A.A. 1-20393
- Ghoon Gil Yoon *see* Chan Soo Han 1-49425
- Ghoos, L. *see* Deworm, J.P. 1-32257
- Ghorai, S.K. *see* Dutta Roy, S.K. 1-31080
- Ghorai, S.K. *see* Maiti, C.R. 1-9980
- Ghorul, K. Stabilization of the effective potential for QCD with a magnetic field 1-33104
- Ghose, D., Chatterjee, S.D. Genesis of the abundance of helium formation in natural gas emanating from thermal springs 1-13461
- Ghose, R.K., White, J. Constitutional factors affecting the relationship between CaO/SiO_2 ratio and hot strength in magnesia-based refractories 1-53250
- Ghosh, A., Khubchandani, P.G. Energy calculation of anharmonic oscillator by Dalgarno sum rule 1-9855
- Ghosh, A. *see* Jain, K.M. 1-12109
- Ghosh, A. *see* Mallik, B. 1-25729
- Ghosh, A.K. A physically-based constitutive model for metal deformation 1-8363
- Ghosh, A.K., Feng, T., Maruska, H.P. Theory of polycrystalline silicon solar cells: effect of reduction in grain boundary recombination states 1-4203
- Ghosh, A.K., Hamilton, C.H. Deformation and fracture in aluminium-zinc-magnesium alloys at elevated temperature 1-21560
- Ghosh, A.K., Hamilton, C.H. On constant membrane stress test for superplastic metals 1-26564
- Ghosh, A.K., Rose, A., Maruska, H.P., Eustace, D.J., Feng, T. Hall measurements and grain-size effects in polycrystalline silicon 1-12126
- Ghosh, A.K. *see* Hamilton, C.H. 1-8393
- Ghosh, A.K. *see* Raj, R. 1-38438
- Ghosh, A.K. *see* Sen, S.N. 1-30774
- Ghosh, A.K. *see* Shaw, R.F. 1-4204
- Ghosh, A.K. *see* Tibrewala, D.N. 1-17511
- Ghosh, A.S. *see* Daskhan, M. 1-46128
- Ghosh, A.S. *see* Guha, S. 1-46135
- Ghosh, B., Mukerjee, R.K. Polarized electronic absorption, emission, and excitation spectra of $\text{Cs}_2\text{CdCl}_4\cdot\text{Ni}^{2+}$ single crystals 1-26240

- Ghosh, B., Mukherjee, R.K. Reinvestigation of the luminescence spectra of $\text{CdCl}_2\text{Mn}^{2+}$ single crystals 1-31190
- Ghosh, B.K. see Talwar, D.N. 1-12486
- Ghosh, C. Photoemission and optical processes in multialkali photocathodes 1-8190
- Ghosh, C.K., Bandyopadhyay, S.K., Pal, A.K. The Hall effect in aluminium and cadmium films 1-47615
- Ghosh, D. see Saha, M. 1-3155
- Ghosh, D.K. see Eapen, K. 1-34605
- Ghosh, K., Mistry, B.K. Large incidence hyper-sonic similitude and oscillating nonplanar wedges 1-19744
- Ghosh, K.K., Hegarty, J., Huber, D.L. Theory of donor fluorescence in the diffusion limit 1-12575
- Ghosh, K.K. see Chakravarti, A.N. 1-47675
- Ghosh, N.C. Heating of a finite piezo-electric rod due to some time-dependent distributed heat sources 1-8003
- Ghosh, P. see Elsner, R.F. 1-44669
- Ghosh, P. see Grindley, J.E. 1-22848
- Ghosh, P.K. see Chattopadhyaya, R. 1-14204
- Ghosh, P.K. see Gupta, A. 1-44135
- Ghosh, P.K. see Srivastava, H.C. 1-19860
- Ghosh, P.N., Bauder, A., Gunthard, H.H. Microwave spectra of ground and excited vibrational states of cis-methyl nitrite, CH_3ONO 1-28960
- Ghosh, R., Datta, R.K. Dielectric properties of aliphatic ketone at UHF radio waves 1-47995
- Ghosh, S., Agarwal, V.K. Excitation of ultrasonic waves due to modulation of a laser in a magnetised semiconductor 1-30330
- Ghosh, S., Agarwal, V.K. Carrier wave instability in inhomogeneous semiconductors 1-47698
- Ghosh, S., Basu, A.N., Sengupta, S. Unified study of the lattice mechanical properties of the AgCl crystal 1-47192
- Ghosh, S. see Chakravarti, A.N. 1-47675
- Ghosh, S. see Ghatak, K.P. 1-16249, 1-20759
- Ghosh, S. see Misra, A. 1-20310, 1-31773
- Ghosh, S.K., Bixby, W.E. Spectral sensitivity of photoconductors as used in electrophotography 1-28087
- Ghosh, S.K., Pal, S.P. A study of plasma filled parallel plate waveguide with one boundary corrugated 1-29882
- Ghosh, S.K. see Gupta, H.N. 1-22438
- Ghosh, T.P. Theoretical analysis of rod extrusion by an approximate stress equilibrium method 1-26549
- Ghosh, U.S. see Kanrar, A. 1-24618
- Ghoshal, A.K. see De, D.K. 1-52830
- Ghoshray, A. see Bose, M. 1-3270
- Ghoshdary, A.K. see Ghatak, K.P. 1-16249
- Ghumman, B.S. see Acharya, V.B. 1-47112
- Giacconi, R. The Einstein Observatory: new perspectives in astronomy 1-32598
- Giacconi, R. see Forman, W. 1-54642
- Giacchello, A., Popper, P. Post-sintering of reaction-bonded silicon nitride 1-16737
- Giacobino, E., Cagnac, B. Doppler-free multiphoton spectroscopy 1-28069
- Giacobino, E. see Biraben, F. 1-24274
- Giacobino, E. see de Clerq, E. 1-45920
- Giacobino, E. see Grynberg, G. 1-51458
- Giacomelli, G. see Barloutaud, R. 1-36885
- Giacomelli, G. see Bussiere, A. 1-10265
- Giacomelli, L. see Bartalucci, S. 1-28793
- Giacometti, G. see Pasimeni, L. 1-14935
- Giacomo, F.F. Di Gi Giacomo, F.F.
- Giacomo, P. Accuracy in length measurement 1-23182
- Giacomo, P. Di see Di Giacomo, P.
- Giacovazzo, C. Progress in representations theory. The concept of generalized representations 1-2280
- Giacovazzo, C., Vickovic, I. The theory of representations: its application to the estimation of the two-phase variants and seminvariants 1-15746
- Giai, N. Van see Van Giai, N.
- Giakoumakis, G.E., Nomicos, C.D., Euthymiou, P.C. Absolute efficiency of ZnCdS :Ag screens excited by an electron beam 1-8137
- Giakoumakis, G.E., Nomicos, C.D., Euthymiou, P.C. Some aspects on the generation and transmission of light in phosphor screens excited by an electron beam 1-48170
- Giakoumakis, G.E., Nomicos, C.D., Euthymiou, P.C. Modulation transfer function of fluorescent screens excited by X-rays 1-23396
- Giallo, F. Del see Del Giallo, F.
- Giallorenzi, T.G. see Dandridge, A. 1-6663, 1-24617, 1-46341
- Giallorenzi, T.G. see Miles, R.O. 1-37494
- Giallorenzi, T.G. see Tveten, A.B. 1-5301
- Giam, C.S., Atlas, E. Accumulation of phthalate ester plasticizers in Lake Constance sediments 1-26860
- Giambiagi, J.J. see Bollini, C.G. 1-33094
- Giambiagi, M. see de Giambiagi, M.S. 1-6185
- Giambiagi, M.S. de see de Giambiagi, M.S.
- Giambo, S. On the relativistic transport equation for a multiple discontinuity wave 1-32836
- Giampapa, M.S. see Imhoff, C.L. 1-9488
- Gian Singh see Kaul, G.L. 1-33267
- Gianduzzo, J.C. see Lachter, A. 1-21017
- Giangrande, A. see Bartolini, C. 1-17879
- Giani, E. see Arora, M.R. 1-4168
- Giani, L. see Giani, S. 1-5323
- Giani, S., Giani, L. Optimisation and selection of thermal insulation system in cryogenic engineering 1-5323
- Gianik, T. see Pasechnik, V.I. 1-53465
- Gianino, P.D., Bendow, B. Calculations of stress-induced changes in the transverse refractive-index profile of optical fibres 1-41834
- Giannini, M.M. see Hajduk, C. 1-45415
- Giannuzzi, A.J. see Kass, J.N. 1-11791, 1-26657
- Gianoglio, C. see Pradelli, G. 1-34302
- Gianola, U.F., Shively, R.R. Signal processor sorts sounds from the sea 1-24601
- Giansiracusa, G. see Baldo, M. 1-2755
- Gianturco, F.A., Gierz, U., Toennies, J.P. Anomalous vibrational excitation of O_2 in collisions with protons at 10 eV when compared with N_2 , CO and NO 1-46167
- Gianturco, F.A., Lamanna, U.T., Battaglia, F. Vibrationally inelastic scattering and relaxation times in gaseous HF 1-51265
- Gianturco, F.A. see Battaglia, F. 1-46081
- Gianturco, F.A. see Drolshagen, G. 1-37299
- Gianzero, S.C. see Weng Cho Chew 1-40219
- Giaquinta, G., Burratato, G., Mancini, N.A., Simone, F., Di Mauro, C. On the Kosterlitz-Thouless transition in dirty superconducting aluminium films of low normal state resistance 1-42899
- Giaquinta, P.V. see Parrinello, M. 1-46968
- Giard, W.R. see Fleischer, R.L. 1-44005
- Giarda, L., Mattera, A., Perugini, G., Pizzini, S. Thermodynamic, kinetic and structural considerations for the deposition of silicon single crystal from SiHCl_3 1-16674
- Giarda, L. see Mirarchi, U. 1-16707
- Giardina, G. see Arena, N. 1-50491
- Giardini-Guidoni, A., Fantoni, R., Camilloni, R., Stefani, G. (e, 2e) experiments 1-41494
- Giarretta, D.L. see Bates, B. 1-17775
- Giarratano, P.J., Frederick, N.V. Transient pool boiling of liquid helium using a temperature-controlled heater surface 1-46666
- Giaz, A.F. see Bargon, J. 1-8696
- Giazotto, A. see Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Gibala, R. see Talia, J.E. 1-12936
- Gibb, R.M. see Ashton, J.E.U. 1-41744
- Gibb, T.C., Greatrex, R. A study of magnetic interactions in M_2EuRuO_6 ($\text{M} = \text{Ca}, \text{Sr}, \text{Ba}$) by ^{157}Eu Mossbauer spectroscopy 1-26086
- Gibbard, B.G. see Day, C.T. 1-45312
- Gibbings, J.C. A numerical experiment on measured velocity distributions of turbulent pipe flow 1-42013
- Gibbons, D.T., Evans, D.H., Barrie, W.W., Cosgriff, P.S. Real-time calculation of ultrasonic pulsatility index 1-32214
- Gibbons, D.T., O'Riain, M.D., Reuben, K.A. A microprocessor controlled arm prosthesis 1-13354
- Gibbons, G.W. Non-existence of equilibrium configurations of charged black holes 1-4937
- Gibbons, G.W. Quantum field theory in curved spacetime 1-18118
- Gibbons, J. see Fordy, A.P. 1-75, 1-5167
- Gibbons, J.F. Ion implantation 1-47107
- Gibbons, J.F. see Christel, L.A. 1-42439
- Gibbons, J.F. see Kamins, T.I. 1-3070
- Gibbons, J.F. see Kasahara, J. 1-2477
- Gibbons, J.F. see Lidow, A. 1-2479
- Gibbons, J.F. see Matsumoto, S. 1-42575
- Gibbons, P.C. Damping of plasmons in the alkali metals: Interband transitions and many-electron interactions 1-52511
- Gibbons, W.A. see Mei-Chang Kuo 1-13212
- Gibbs, B.P. see Kahn, W.D. 1-17692
- Gibbs, D.F. Frequency dispersion of piezoelectric effect in PVDF 1-48009
- Gibbs, E.E., Finlayson, T.R., Smith, T.F. Anisotropic thermal expansion of polycrystalline V_{25}TeSi 1-42557
- Gibbs, G.P. A simple microprocessor attachment for upgrading nuclear sample counters 1-45797
- Gibbs, G.V. see Newton, M.D. 1-41316
- Gibbs, H.M., Hopf, F.A., Kaplan, D.L., Shoemaker, R.L. Observation of chaos in optical bistability 1-41769
- Gibbs, H.M., McCall, S.L., Venkatesan, T.N.C. Optical bistable devices: the basic components of all-optical systems? 1-1617
- Gibbs, H.M. see Bullough, R.K. 1-36506
- Gibbs, H.M. see Chu, S. 1-31187
- Gibbs, H.M. see Passner, A. 1-29275
- Gibbs, M.R.J., Evetts, J.E., Horton, M.E. Domain wall pinning in inhomogeneously deformed amorphous alloys 1-30970
- Gibbs, R.E. Photographing a relativistic meter stick 1-27703
- Gibbs, R.J. Wind-controlled coastal upwelling in the western equatorial Atlantic 1-54095
- Gibbs, W.R., Stephenson, G.J., Jr. Isospin breaking and final-state interactions in the weak breakup of the deuteron 1-45260
- Gibeling, J.C., Nix, W.D. The description of elevated temperature deformation in terms of threshold stresses and back stresses: a review 1-12804
- Gibeling, J.C., Nix, W.D. A numerical study of long range internal stresses associated with sub-grain boundaries 1-25289
- Giber, J. The localized states of interfaces and their physical models 1-30801
- Gibert, A., Thuilleaux, J.-M., Dupuy, J. Experimental study of the transition to spark in positive point to plane gap in air 1-11603
- Gibert, A. see Dupuy, J. 1-15734
- Giboni, K.L. see Eggert, K. 1-14752
- Giboni, K.L. see Hanna, D. 1-41015
- Giboni, K.L. see Irion, J. 1-50475
- Gibbons, M., Spicer, D.S. On line tying 1-54458
- Gibowicz, S.J. see Albert, N.H. 1-9083
- Gibson, A.F. Lasers for plasma research 1-29897
- Gibson, A.G., Davies, G.R., Ward, I.M. The interpretation of dynamic mechanical behavior in ultra high modulus polymers 1-43398
- Gibson, A.G., Greig, D., Ward, I.M. Thermal conductivity of ultrahigh modulus polyethylene 1-16111
- Gibson, A.G. see Hope, P.S. 1-16810
- Gibson, B.F. Electromagnetic disintegration of the $A=3$ and $A=4$ nuclei 1-50584
- Gibson, B.F., Lehman, D.R. Hypertriton as a test of theoretical hyperon-nucleon potentials. II 1-14488
- Gibson, B.F., Lehman, D.R. Comparative ^3He , ^4He binding energy differences for four YN potential models 1-41069
- Gibson, B.F., Lehman, D.R. Qualitative discussion of the YN interaction for A hypernuclei with $A \leq 4$ 1-41070
- Gibson, B.F. see Haxton, W.C. 1-28379
- Gibson, B.M. World market for LNG trade - present and future 1-48784
- Gibson, C.C. see Goldstein, S.R. 1-22177
- Gibson, D.C. see Shepherd, I.C. 1-6715
- Gibson, D.M. see Hjellming, R.M. 1-4994
- Gibson, D.R., Lissberger, P.H. Use of the concept of equivalent layers in the design of multilayer dielectric reflectors with minimum absorption 1-11062
- Gibson, E.D. see Noack, M.A. 1-16669
- Gibson, E.D. see Ostenson, J.E. 1-16419
- Gibson, E.D. see Verhoeven, J.D. 1-48294
- Gibson, G.A. see Pierluissi, J.H. 1-4619
- Gibson, H.W. see Epstein, A.J. 1-30730
- Gibson, I.H., Halsall, M.J., Nash, G. LWR core performance studies in the UK 1-33289
- Gibson, I.P., Dore, J.C. The molecular structure factor of liquid carbon disulphide by neutron diffraction. I. Reactor measurement 1-42286
- Gibson, J. New coal utilisation technology 1-4150
- Gibson, J., Bulger, J., Marsden, B.G. Periodic Comet Lovas (1980s) 1-40423
- Gibson, J.A. Tunable infra-red semiconductor diode lasers 1-1569
- Gibson, J.A. Easy to use optical program for Commodore PET computer 1-46509
- Gibson, J.A.B. see Defelafel, H.J. 1-969
- Gibson, J.M., Dong, D.W. Direct evidence for 1 nm pores in 'dry' thermal SiO_2 from high resolution transmission electron microscopy 1-34591
- Gibson, J.W. see Thomas, R.E. 1-16198
- Gibson, M.M., Rodi, W. A Reynolds-stress closure model of turbulence applied to the calculation of a highly curved mixing layer 1-51752
- Gibson, R.D. see Sampson, P. 1-37990
- Gibson, R.S. see Campbell, J.L. 1-27931
- Gibson, T.L., Morrison, M.A. Comparison of model exchange potentials for low-energy e-H₂ collisions with and without polarisation effects 1-46140
- Gibson, W.M. Physics of nuclear reactions 1-44731
- Gibson, W.M. see Andersen, J.U. 1-50677
- Gibson, W.M. see Bourquin, M. 1-10276
- Gibson, W.P.R. see Prasher, D.K. 1-49001, 1-49002
- Gibson, W.R. see Watts, S.J. 1-5648, 1-23518
- Gicheva, S.Ya. see Kolesov, V.S. 1-46483
- Gielas, H.L. see Bus, S.J. 1-32642
- Gidal, G. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Gidal, G. see Dorfan, J.M. 1-41020
- Gidal, G. see Himel, T.M. 1-18482
- Gidal, G. see Scharre, D.L. 1-18485, 1-45292
- Gidaspow, D. see Lavan, Z. 1-17283
- Giddings, J. Calvin see Calvin Giddings, J.
- Giddings, J.J. see Brainard, E.J. 1-39240
- Giddings, J.J. see Curry, W.J. 1-48258
- Giddon, D.B. see Wunderlich, R.W. 1-2114
- Gidman, M.I. see Sargent, J.W. 1-6714
- Gido, R.G. see Gilbert, J.S. 1-5950
- Giege, R. see Moras, D. 1-32092
- Giehmann, L. Construction and operation of a test set for fiber optic cables 1-19453
- Gielen, C.C.A.M., van Gisbergen, J.A.M. Signal processing by neurones in the visual pathway of the rhesus monkey 1-48991

- Gilén, P.A., Zijlstra, R.J.J. Acoustoelectric displacement and current fluctuations in CdS 1-52612
- Gielera, R. Existence of sine-Gordon quantum fields in arbitrary space-time dimensions 1-10058
- Gien, T.T. Polarization fractions of Lyman- α radiation in e⁻-H(1s) collision 1-15018
- Gierke, T.D. see Burnham, A.K. 1-37362
- Gierlik, E. see Borcea, C. 1-28493
- Gieroszynska, K. see Sujak, B. 1-10589
- Gieroszynski, A. see Sujak, B. 1-10589
- Gier, U. see Gianturco, F.A. 1-46167
- Gies, H.P.F. see Lewis, B.R. 1-1284
- Giesbrecht, F.G., McClure, W.F., Hamid, A. The use of trigonometric polynomials to approximate visible and near infrared spectra of agricultural products 1-50222
- Giese, A.C. Basic photobiology and open problems 1-35825
- Giese, D. see Bourne, J.R. 1-22147
- Giese, R.H. see Mukai, S. 1-6484
- Giese, R.H. see Zerull, R.H. 1-6432
- Gieseke, J.A. see Lee, K.W. 1-21785
- Gieseking, F. Observations of new southern spectroscopic binaries with the objective prism method 1-36333
- Giesinger, N., Seidl, E., Weber, H.W., Skaliczy, P. Preparation and analysis of Nb₂N-precipitates in superconducting niobium single crystals 1-42928
- Giesen, B.C., Hines, W.A., Kabacoff, L.T. Magnetic properties of amorphous RE₆₅Al₃₅ alloys 1-12266
- Giesen, B.C., Whang, S. Formation and characterization of amorphous metals 1-26418
- Giesen, B.C. see Carini, J.P. 1-52547
- Giesen, B.C. see Elliott, R.O. 1-15807
- Giesen, B.C. see Koch, C.C. 1-30869
- Giesner-Prette, C., Pullman, A. Ab initio calculations of the magnetic shielding tensors of the ¹H and ¹³C nuclei of the formate ion 1-41327
- Giesner-Prette, C. see Langlet, J. 1-1116
- Giesner-Prette, C. see Prado, F.R. 1-51253
- Giffon, M., Predazzi, E. The unitarity constraint in multiple production as a possible origin of the leading-particle effect 1-593
- Giffon, M., Predazzi, E. On the origin of the leading particle effect in high energy hadronic processes 1-14435
- Gifford, F.A. Smoke as a quantitative atmospheric diffusion tracer 1-35725
- Gifford, K.R., Moore, D.R. Study of the compatibility of blends of various thermoplastic polyurethane elastomers with poly(vinyl chloride) homopolymer 1-48439
- Gigano, Y.N. see Podgorny, Y.V. 1-23272
- Giggins, C.S., Pettit, F.S. Corrosion of metals and alloys in mixed gas environments at elevated temperatures 1-3981
- Gigineishvili, A.V. see Glurdzhidze, L.N. 1-26295
- Giginyak, F.F. Investigation of limiting-state criteria of several structural steels in repeated-static loading at room and high temperatures 1-8397
- Giginyak, F.F. Cottrell-Petch criterion of brittle fracture 1-38443
- Giginyak, F.F. see Lebedev, A.A. 1-31623
- Gigli-Berzolari, F. see Conta, C. 1-14418
- Giglio, M., Musazzi, S., Perini, U. A white light speckle schlieren technique 1-41817
- Giglioli, G. see Casci, C. 1-48896
- Gignoux, D., Givord, D., Lemaire, R., Lienard, A., Rebouillat, J.P. Comparison between the magnetic properties of crystalline and amorphous rare earth-transition metal alloys 1-25895
- Gignoux, D., Lemaire, R., Molho, P. Onset of magnetism in the yttrium-nickel compounds. I. Collective electron metamagnetism in Y₂Ni₁₇ 1-12289
- Gignoux, D., Lemaire, R., Molho, P., Tasset, F. Onset of magnetism in the yttrium-nickel compounds. II. Very weak itinerant ferromagnetism in YNi₃ 1-25884
- Giguere, J. see Menard, H. 1-53506
- Giguere, P.T., Huebner, W.F., Bania, T.M. Radio observation of Comet Meier (1978f) in 18-cm OH lines 1-9421
- Gilbert, E.A., van der Klundert, L.J.M. A model for realistic B₀ and B₁ relations 1-52723
- Gijs, A. see De Coninck, R. 1-4032
- Gijbberse, E.A., van der Klundert, L.J.M. Conductivity measurements with trapezoidal AC magnetic fields 1-50171
- Gijzen, M. see Chliapnikov, P.V. 1-599
- Gikhman, E.I. see Arbuzov, M.P. 1-31508
- Gil, F.B. see Abreu, M.C. 1-23600
- Gil, F.B. see Lopes, J.S. 1-24234
- Gil, V.M.S. see Ascenjo, J. 1-10753
- Gil Sevillano, J. On the yield and flow stress of lamellar pearlite 1-21553
- Gil Yoon Ghoon see Ghoon Gil Yoon
- Gilbert, A. see Van Haesdonck, C. 1-7788
- Gilad, P. see Fisher, A. 1-6984
- Giliardini, A.L. Stability conditions for a diffusion-controlled plasma column in the presence of stepwise ionization processes 1-11538
- Gilat, G. A mechanism for the low temperature anharmonicity in CuCl 1-30334
- Gil'bershtein, P.G., Pochtovik, V.S. Waveguide surface interference in common depth point method seismic prospecting 1-13409
- Gilbert, B. Diffusion mixing in grid turbulence without mean shear 1-1949
- Gilbert, B.K. Rapid execution of fan beam image reconstruction algorithms using efficient computational techniques and special-purpose processors 1-53867
- Gilbert, B.K. see Ritman, E.L. 1-49123
- Gilbert, B.K. see Robb, R.A. 1-17492
- Gilbert, C. see Samoc, M. 1-2957
- Gilbert, E.N. An iterative calculation of auditorium reverberation 1-37708
- Gilbert, E.R. see Paxton, M.M. 1-21513
- Gilbert, F. see Feng Chao, B. 1-27077
- Gilbert, F.S. see Craddock, D. 1-29270
- Gilbert, G.D. Preoperational testing experience at the McGuire nuclear station—Unit 1 1-23806
- Gilbert, J.K. see Osborne, R.J. 1-13957
- Gilbert, J.P. see Teplick, R. 1-26931
- Gilbert, J.S., Gido, R.G. Efficient nodalization for subcomponent force-moment analysis 1-5950
- Gilbert, J.S., Mandell, D.A., Mullins, G.B. TRAC-PD2 analysis of ORNL Thermal-Hydraulic Test Facility Test 177 1-45675
- Gilbert, K.E. Reflection of sound from a randomly layered ocean bottom 1-15314
- Gilbert, M. see Bergman, C. 1-30046
- Gilbert, M. see Nectoux, P. 1-37200, 1-39085
- Gilbert, R.C. see Whang, B.C.Y. 1-48687
- Gilbert, R.G. see Lawrence, W.D. 1-17031
- Gilbert, R.M., Webb, R.C., Oldham, T.R. Transient response of optical fibers exposed to pulsed radiations 1-33813
- Gilbert, R.W. see Parsons, J.R. 1-34378
- Gilbert, T.R. see Nygaard, D.D. 1-45023
- Gilbert, W.S. see Lambertson, G.R. 1-10558
- Gilboa, H. see Bar-Adon, R. 1-53745
- Gilbody, H.B. see Shah, M.B. 1-6378
- Gilchriese, M. see Stroyanovskiy, I. 1-18522
- Gilchriese, M.G.D. see Bebek, C. 1-33191
- Gilchriese, M.G.D. see Chadwick, K. 1-33192
- Gilchriese, M.G.D. see Heagy, S.M. 1-50433
- Gilchrist, J. see Isnard, R. 1-16520, 1-21121, 1-21122
- Gilchrist, J.P. see Barbour, I.M. 1-45274
- Gilcrest, J.D. see Rubinstein, H.J. 1-868
- Gilday, D.L. see Joy, M.L.G. 1-53877
- Gilden, D.L., Wheeler, J.C. Time-dependent, optically thick accretion onto a black hole 1-9556
- Gilder, H.M. Isotropic-continuum-model calculation of the thermal expansion of alloys from third-order elastic constants: application to CuAl 1-38565
- Gilder, H.M., Asty, M., Audit, P. Temperature variation of the size effect in dilute AlMg and AlCa alloys: measurement and theory 1-47263
- Gile, D. see Barker, S.J. 1-51735
- Gile, W.W. see Allen, G.L. 1-20357
- Gile's, A.M., Chernov, G.M., Brodzeli, M.I., Van-nikov, A.V., Grishina, A.D., Eligulashvili, I.A. Application of layers based on charge transfer complexes for holographic recording 1-24374
- Gile's, A.M. see Barkhudarov, E.M. 1-33636
- Giler, M., Wdowczyk, J., Wolfendale, A.W. Ultra-high-energy cosmic rays from clusters of galaxies 1-22642
- Giles, R. see Allen, P. 1-14367, 1-36856, 1-36857
- Giles, R. see Blitschau, J. 1-10190
- Giles, R. see Grassler, H. 1-50414
- Giles, R.H. see Stimets, R.W. 1-44542
- Giler, V.P. A simple method of optical filtration 1-19282
- Gilg, W., Trogus, W., Flasche, A. ERDSAT, a satellite concept for Earth observations with combined optical and microwave payload 1-9343
- Gilgenbach, R.M. see Read, M.E. 1-1536
- Gili, P. see Lopez Echarri, A. 1-38553
- Giliberto, M. see Measures, R.M. 1-43729
- Giling, L.J. see Binsma, J.J.M. 1-3702
- Gillis, I.A., Udyma, P.G. Experimental study of the evaporation of foam 1-29680
- Gilkay, P.B. see Eguchi, T. 1-23073
- Gill, A.E. Some simple solutions for heat-induced tropical circulation 1-22457
- Gill, A.E. Homogeneous intrusions in a rotating stratified fluid 1-51783
- Gill, D.H. see Newman, B.E. 1-29314
- Gill, D.L., II see Bloomer, R.H., Jr. 1-49735
- Gill, D.R. see Barnett, B.M. 1-23557
- Gill, G.M. see Balfour, J.D. 1-28559
- Gill, M.D. A simple technique for monitoring undercutting in plasma etching 1-8462
- Gill, P.A.T. see Armstrong, G. 1-24682
- Gill, R. see Brenner, D.S. 1-10581
- Gill, R.B. see Stockton, T.E. 1-33827, 1-41743
- Gill, S.D.M. see Aston, D. 1-14399, 1-45297, 1-50442
- Gill, S.J. see Barisas, B.G. 1-13371
- Gill, S.J. see Wyman, J. 1-39882
- Gill, S.P. MHD phenomena at high magnetic Reynolds number 1-34057
- Gill, T.L. New perspectives in time-ordered operators and divergencies. I 1-28161
- Gill, T.L. New perspectives in time-ordered operators and divergencies. II 1-28162
- Gill, T.S. see Takhar, P.S. 1-25349
- Gill, W.J. see Meijer, C.H. 1-28651
- Gillan, M.J. Upper bound on the free energy of the restricted primitive model for ionic liquids 1-11654
- Gillan, M.J. The volume of formation of defects in ionic crystals 1-52132
- Gillan, M.J., Dixon, M. Quasi-elastic scattering in fast-ion conducting SrCl₂: a molecular dynamics study 1-11900
- Gillanders, M. see Opjorden, R. 1-39790
- Gillard, B., Ly, D.P., Bellet, D. Entrance effects in pulsating non-Newtonian flow 1-51831
- Gillen, K.T., Hickman, A.P. Schematic model for the differential cross section in ion-pair formation 1-29106
- Gillen, K.T. see Gaily, T.D. 1-986
- Gillen, K.T. see Hickman, A.P. 1-10832
- Gilleo, M.A. Ferromagnetic insulators: garnets 1-30916
- Gilles, J.M. see de Fresart, E. 1-47341
- Gilles, J.M. see Donnelly, S.E. 1-23314
- Gilles, M. see Ceuleneer, R. 1-28400, 1-36910
- Gilles de Gennes, P. A sum rule for semi-dilute polymeric chains near a wall 1-11664
- Gilles de Gennes, P. Interpretation of polymers at an interface 1-52363
- Gillespie, A.R., White, G.J. The area around the Orion Nebula observed in the CO (J=1-0) transition 1-27581
- Gillespie, D.T. A stochastic analysis of the homogeneous nucleation of vapor condensation 1-40711
- Gillespie, F.C. A phantom for assessing the resolution at depth of a gamma camera system 1-49100
- Gillespie, G.H. A comparison between the sum-rule Born cross sections and the DZT semi-empirical calculations for electron-loss from fast heavy ions in nitrogen 1-19166
- Gillespie, G.H., Inokuti, M. Systematics of atom-atom collision strengths at high speeds 1-19169
- Gillespie, J.W., Jr. see Pipes, R.B. 1-21584
- Gillissen, K., Marshall, A.J., Hesse, J. Temperature gradient solution growth. Application to III-V semiconductors 1-21337
- Gillet, E., Gruzza, B. Stranski-Krastanov growth mode of Au on Mo(110) surface: investigation by Auger electron spectroscopy 1-2825
- Gillert, W.B. The Kipp solarimeter. A review of its operation and calibration 1-17771
- Gillert, W.B. The equivalence of outdoor and mixed indoor/outdoor solar collector testing 1-32042
- Gilletta, F. see Chabin, M. 1-30294, 1-30295
- Gillette, J.L., Singer, R.M., Tokar, J.V., Sullivan, J.E. Experimental study of the transition from forced to natural circulation in EBR-II at low power and flow 1-36993
- Gillette, J.L. see Singer, R.M. 1-23730
- Gilliam, D.M. see Schwartz, R.B. 1-14705
- Gilliam, D.M. see Wagschal, J.J. 1-50980
- Gilliar, W. see Bickel, W.S. 1-10907
- Gilliard, R.P., Kim, K. Significance of magnetic shielding in the ablation of a solid hydrogen pellet in a plasma 1-34088
- Gilligan, J., Greenspan, E., Miley, G.H. High-energy multiplication blankets for nuclear-pumped-laser hybrid reactors 1-41250
- Gilligan, J. see Miley, G.H. 1-18896
- Gillis, E.A. Fuel cells for electric utilities 1-21872
- Gillis, J.R., Edwards, T.H. Analysis of 2_{v2}, v₁, and v₂ of H₂S 1-41380
- Gillis, J.R., Edwards, T.H. Analysis of 2_{v2}, v₁, and v₂ of H₂Se 1-45953
- Gillis, J.R. see Goldman, A. 1-33507
- Gillis, P.P. see Hsu, C.H. 1-43611
- Gillman, A. see Daum, C. 1-14424, 1-28357
- Gillman, A.R. see Berglund, A. 1-36881
- Gillman, A.W., Stellingwerf, R.F. Relativistic accretion: the optically thick case 1-9557
- Gillman, G. Interferometer focusing accuracy and the effect on interferograms for density measurements of laser produced plasmas 1-15647
- Gillon, D. Stability of spherical stellar systems respect to aspherical modes 1-27567
- Gillott, J.E. Use of the scanning electron microscope and Fourier methods in characterization of microfabric and texture of sediments 1-49422
- Gillon, J.L. see Jarrett, H.S. 1-35547
- Gilman, F.J. Photon-photon interactions 1-50478
- Gilman, F.M., Dittmore, M.H., Orvis, W.J., Wahler, P.S. The safeguard vulnerability analysis program (SVAP) 1-14613
- Gilman, G.J. Metallic glasses 1-11689
- Gilman, J.J. Overview of the technology and significance of metallic glasses 1-35228
- Gilman, J.P. see Meisels, G.G. 1-12990
- Gilman, J.P. see Tacheng Hsieh 1-14203
- Gilman, P.A., Glatzmaier, G.A. Effects of certain analysis procedures on solar global velocity signals 1-22748
- Gilman, P.A. see Hathaway, D.H. 1-4760
- Gil'manov, A.N. see Gubaidullin, F.F. 1-26069
- Gil'manov, A.N. see Kashaev, R.I. 1-3288

- Gil'manova, N.Kh. *see* Lachinov, A.N. 1-26134
- Gilmer, D.S., Work, E.A., Jr., Colwell, J.E., Rebel, D.L. Enumeration of prairie wetlands with Landsat and aircraft data 1-4653
- Gilmore, A. *see* Harris, S. 1-18775
- Gilmore, A. *see* Harris, S.J. 1-27010
- Gilmore, G. Is PKS 1921-29 a quasar with correlated radio and optical variations? 1-9716
- Gilmore, R. *see* Da Hsuan Feng 1-5684, 1-50531
- Gilmore, W., Seagquist, E.R. Aperture synthesis of the radio structure of SS 433 1-22811
- Gilmore, W. *see* Seagquist, E.R. 1-22819
- Gilmore, W. *see* Seward, F. 1-9533
- Gilmour, A.S., Jr., Hope, R.F., III, Miller, R.N. 10 kHz vacuum arc switch ignition 1-25116
- Gilmour, A.S., Jr. *see* Dollinger, R. 1-34146
- Gilot, J.F., Bol, A., Devessovi, P., Leleux, P., Lipnik, P., Macq, P. Forward and backward angle differential cross section for n-p radiative capture 1-28341
- Gilpin, R.R. Wire regelation at low temperatures 1-16023
- Gilra, D.P. *see* Chi-Chao Wu 1-32734
- Gilra, N.K. Behaviour of like-dislocations near an interface in the presence of lattice frictional force—three and four dislocations 1-20201
- Gilra, N.K. Creep: dislocation acceleration 1-20230
- Gilson, J.G. A string of vortices and quantum flow 1-14043
- Gilson, J.G. A classical basis for quantum mechanics 1-27800
- Gilson, T.R., Beattie, I.R., Black, J.D., Greenhalgh, D.A., Jenny, S.N. Redetermination of some of the spectroscopic constants of the electronic ground state of di-nitrogen $^{14}\text{N}_2$, $^{15}\text{N}_2$ and ^{15}N , using coherent anti-Stokes Raman spectroscopy 1-33468
- Gil'varg, A.B. *see* Buldenko, A.P. 1-17130
- Gipavina, P.J., Mathiesen, E., Smith, G.C. The capacitance-resistance line as a charge position encoder 1-14783
- Gimanov, V.P., Goganov, D.A., Gerasyuta, L.K., Korolev, V.V. Operating stability of germanium radiation detectors 1-1014
- Gimbutis, G.I. Heat transfer in a rotary cup atomizer 1-29520
- Gimel'farb, F.A. *see* Gubchenko, L.I. 1-21310
- Gimenez, A., Costa, V. Y Cygni: photometry and apsidal motion 1-49733
- Gimenez, G. Connection between cavitation bubble dynamics and pressure pulses produced by their collapse 1-46791
- Gimenez, G., Sommer, R. Statistical analysis of hydrodynamic cavitation events 1-11433
- Gimlin, D.R., Smith, J.W. A comparison of seismic trace summing techniques 1-9273
- Gimm, H.A. *see* Hubbell, J.H. 1-45909
- Gimm, H.A. *see* Maximov, L.C. 1-24101
- Giu, A.R., Hayward, M.G., Keatinge, W.R. Method for measuring regional heat losses in man 1-22150
- Ginatempo, B. *see* Cubiotti, G. 1-47723
- Ginaven, R.O., Choiser, J.P., Acton, L., Wysockanski, W., Altling-Mees, H.R., Smith, R.D., II, Beaver, E.A., Eck, H.J., Delamere, A., Shanon, J.L. State-of-the-art Space Telescope digitization performance data 1-9370
- Gindi, G.R. *see* Gmitro, A.F. 1-53879
- Gindi, G.R. *see* Kujory, M.A. 1-33081
- Gindin, E.I. *see* Nenasheva, E.A. 1-20413
- Gindin, I.A., Sokolenko, V.I., Starodubov, Ya.D. Recovery of electrical resistance and yield stress of polycrystalline zirconium after alternating deformation at 4.2K and annealing 1-31527
- Gineitite, V.L., Balyavichyus, L.Z. Possibility of determining the conformations of sterically hindered derivatives of benzene by calculating the characteristics of their ultraviolet spectra by the CNDO/S method 1-6167
- Gineitite, V.L., Balevicius, L.Z. Orthogonality of molecular orbitals of valence electrons and core electrons in semi-empirical molecular calculation methods 1-19033
- Giner, K. Trallero *see* Trallero Giner, K.
- Ginskivskii, A.S., Kolesnikov, A.V. The theory of an ideal raft 1-24884
- Gingerich, K.A. Experimental and predicted stability of diatomic metals and metallic clusters 1-46153
- Gingerich, K.A. *see* Haque, R. 1-17092
- Gingerich, M.E. *see* Friebele, E.J. 1-6657, 1-11139
- Gingerich, O. Was Ptolemy a fraud? 1-44451
- Gingrich, J.E. *see* Fleischer, R.L. 1-44005
- Ginibre, J., Velo, G. The classical field limit of nonrelativistic bosons. I. Borel summability for bounded potentials 1-18147
- Ginibre, J., Velo, G. Global existence of coupled Yang-Mills and scalar fields in 2+1 dimensional space-time 1-50322
- Gin'ko, V.I. *see* Vikulin, I.M. 1-3074
- Ginneken, A. *van* *see* van Ginneken, A.
- Ginneken, A. *van* *see* van Ginneken, A.
- Ginocchio, J.N., Kirson, M.W. An intrinsic statefor the interacting boson model and its relationship to the Bohr-Mottelson model 1-23577
- Ginosar, M. A proposed large-scale wind energy program for California 1-39731
- Ginot, Y.M. *see* Le Beyec, Y. 1-27042
- Ginsberg, A.P., Harris, D.R., Pezzello, J.A., Purohit, S., Quan, B.L. Physics optimization of longer operating cycles for a PWR 1-50727
- Ginsberg, D.M. *see* Kunz, A.B. 1-12222
- Ginsberg, D.M. *see* Tsang, J.-K. 1-20925
- Ginsberg, J.H. An integral transform derivation of simple non-linear planar waves in an acoustic medium 1-1750
- Ginsberg, J.H. Nonlinear generation of harmonics in sound radiation from a vibrating planar boundary 1-37661
- Ginsberg, T. Vapor generation function for electrically heated volume-boiling systems 1-5960
- Ginsberg, T. *see* Makowitz, H. 1-10480
- Ginsburg, A.P. Specifying relevant spatial information for image evaluation and display design: an explanation of how we see certain objects 1-8872
- Ginsburg, A.P. Visual perception based on biological filtering of spatial information 1-8878
- Ginsburg, A.P., Cannon, M.W. Suprathreshold processing of complex visual stimuli: evidence for linearity in contrast perception 1-4283
- Ginsparg, P. First and second order phase transitions in gauge theories at finite temperature 1-33095
- Ginsparg, P., Goldschmidt, Y.Y., Zuber, J.B. Large q expansions for q-state gauge-matter Potts models in Lagrangian form 1-28173
- Ginstrup, O. *see* Liden, J. 1-40207
- Ginter, D.S. *see* Ginter, M.L. 1-28912
- Ginter, M.L., Ginter, D.S. Need for high resolution in VUV Rydberg state spectroscopy 1-28912
- Gintov, O.B. *see* Krutikhovskaya, Z.A. 1-27058
- Ginzburg, A., Folkman, Y. The crustal structure between the Dead Sea rift and the Mediterranean Sea 1-22270
- Ginzburg, A.I. *see* Fedorov, K.N. 1-54274
- Ginzburg, I.F. *see* Budnev, Y.M. 1-14439
- Ginzburg, N.S., Zarnitsyn, I.G., Nusinovich, G.S. Theory of relativistic maser at cyclotron self-resonance with the counter wave 1-15134
- Ginzburg, N.S. *see* Bogomolov, Ya.L. 1-46275
- Ginzburg, S.L. Spin glasses with random anisotropic exchange 1-42979
- Ginzburg, V.L. Observations on the origin of cosmic rays 1-36118
- Ginzburg, V.L. *see* Berezhinsky, V.S. 1-36431
- Ginzburg, V.M. Defocusing as a method of optical image transformation at the technical and visual system inputs 1-51383
- Gioda, G., Maier, G. Direct search solution of an inverse problem in electroplasticity: Identification of cohesion, friction angle and in situ stress by pressure tunnel tests 1-24696
- Giola Lobbia, G. *see* Vitali, G. 1-47172
- Giordelli, M. *see* Bottoni, G.P. 1-33284
- Giordano, G. *see* Federici, L. 1-29240
- Giordano, M., Nappi, C., De Angelis, U., Forlani, A. Conduction in fully ionized binary alloys and the problem of Jupiter's magnetic field 1-36212
- Giordano, N. Experimental study of localization in thin wires 1-47577
- Giordano, R., Guarrera, A., Porto, F., Sambataro, S., Scalia, A. Statistical analysis of ac-scattering from ^{25}Mg between 11.8 and 13.2 MeV 1-712
- Giordano, R., Sallao, A., Sallao, S., Mallamace, F., Wanderlingh, F. Diffusion coefficient of lysozyme in water 1-17441
- Giordmaine, J.A. *see* Tien, P.-K. 1-24529
- Giorgadze, N.P. *see* Buishvili, L.L. 1-3275
- Giorgadze, N.P. *see* Buishvili, L.L. 1-21084
- Giorgetti, F. *see* Finetti, I. 1-4465
- Giorgi, A.L. *see* Stewart, G.R. 1-16052
- Giorgi, M. *see* Birs, R. 1-51060
- Giorgi, M. *see* Fedicaro, G. 1-591
- Giorgi, M.A. *see* Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Giorgianni, S., Cappellani, F., Restelli, G. Diode laser spectra of $^{14}\text{N}_2$ ν_2 band: multiplets around 8.4 μm 1-14885
- Giorgilli, A. *see* Butera, P. 1-429
- Giorgilli, A. *see* Galgani, L. 1-40647
- Giorni, A. *see* Tsan Ung Chan 1-10296
- Giovannelli, F. *see* Bartolini, C. 1-17879
- Giovannelli, R. Studies of high-velocity clouds. I. A high-sensitivity survey 1-9619
- Giovannelli, R. *see* Haynes, M.P. 1-4954
- Giovannelli, R.G. The supergranule velocity field 1-4847
- Giovannelli, R.G. An exploratory two-dimensional study of the coarse structure of network magnetic fields 1-22760
- Giovannini, G. *see* Feretti, L. 1-36401
- Giovanola, J.H., Finnie, I. On the machining of glass 1-8454
- Gippius, A.A. *see* Vavilov, V.S. 1-48138, 1-48173
- Gipner, P. *see* Jager, H.U. 1-45985
- Gipson, G.S., Eaton, H.C. The electric field distribution in the field ion microscope as a function of specimen shank 1-14210
- Girard, C., Baret, R., Miane, J.-M., Riou, J., Bros, J.-P. The ternary bismuth-gallium-zinc system. II. Zinc partial free energy over the entire composition range and estimate of the liquidus surface 1-53456
- Girard, C. *see* Barranco Luque, M. 1-14745
- Girard, C. *see* Woods, W.J. 1-821
- Girard, F. *see* Pouchou, J.-L. 1-21814
- Girard, G. Application of a simplified model to areas in the Sahel 1-49303
- Girard, G., Ledoux, E., Villeneuve, J.-P. An integrated rainfall, surface and underground runoff model 1-49304
- Girard, M.A. *see* Feinstein, S.P. 1-37437
- Girardeau, M.D. Fock-Tani representation for composite particles in a soluble model 1-644
- Girardello, L., Girsau, M.T., Salomonson, P. Temporal and supersymmetry 1-45154
- Girardet, C., Schriver, A., Maillard, D. Structure of the HX-HX⁺ dimers. Remarks about interaction potentials 1-24282
- Girardi, F. Overview of partitioning and transmutation studies in the European community 1-851
- Girardi, G. *see* Binetruy, P. 1-45268
- Girardi, V.A.V., Ulbrich, H.H.G.J. Origin and evolution of the Pien mafic-ultramafic complex, southern Brazil 1-9130
- Girardin, N. Travel-time residuals of PP waves reflected under oceanic and continental platform regions 1-9107
- Giraud, G. *see* Clerc, J.P. 1-12160
- Giraud, M., Galatry, L. A non-expanded representation of the long-range dipole moment of a pair of different atoms 1-6398
- Giraud-Cotton, S., Kaftandjian, V.P., Talin, B. Doppler-free magnetic optical activity 1-19858
- Girault, B. *see* Joulie, A. 1-48037
- Girdler, R.W., Brown, C., Noy, D.J.M., Styles, P. A geophysical survey of the westernmost Gulf of Aden 1-13451
- Girdler, R.W. *see* Brown, C. 1-27051, 1-27141
- Girdzius, A.A. *see* Gaudelis, V.J. 1-20824
- Gires, F. *see* Azema, A. 1-19387
- Giret, B. *see* Zwengstein, G. 1-27979
- Girgel, S.S. Refraction and reflection of light at the boundary of a magnetically ordered crystal 1-6454
- Girgel, S.S. Jones and Mueller matrices for a plane-parallel plate of magnetically ordered material 1-51364
- Girgis, A.H. *see* Abdel Wahab, S.M. 1-44393
- Girgis, K. Crystal structure and density data. Molybdenum Halides and chalcogenides 1-24
- Girgis, K. *see* Martin, O.E. 1-20128
- Giri, V.S. *see* Kumar, B. 1-23106
- Giriati, W. *see* Mirovsky, Y. 1-43785
- Giriati, W. *see* Oseroff, S.B. 1-3252
- Giriati, W. *see* Piekoszewski, J. 1-16297
- Giriati, W. *see* Vecchi, M.P. 1-48130
- Girifalco, L.A. *see* Visnov, R. 1-16772
- Girija, P.N., Reddy, K.C. TVM and TACM studies in aqueous solutions of alcohols 1-2566
- Girijashankar, P.V., Hetrick, D.L., Keepin, W.N., Palusinski, O.A. An efficient simulation technique for PWR systems 1-10460
- Girlanda, R. *see* Doni, E. 1-47430
- Girlando, A., Gordon, J.G., II, Heitmann, D., Philpott, M.R., Seki, H., Swalen, J.D. Raman spectra of molecules on metal surfaces 1-35054
- Girniak, M.B., Skulski, M.Yu., Shanin, G.I., Shcherbakov, A.G. The investigation of the emission line of He I, $\lambda 10830 \text{ \AA}$, in spectrum of beta Lyræ 1-17876
- Girnius, R.J. *see* Anderson, C.J. 1-1358
- Giro, A., Gonzalez, J.M., Padro, J.A., Torra, V. The structure of the liquid lead at 670K through molecular dynamics 1-7072
- Girod, M. *see* Berger, J.F. 1-50684
- Girolami, B. *see* Federici, L. 1-29240
- Girromini, P. *see* Bartalucci, S. 1-28793
- Girotti, H.O., Rothe, H.J. Comments about θ -vacua and topology of the SU_2 Yang-Mills theory 1-45113
- Girotti, H.O., Simoes, T.J.M. Uniqueness of the functional approach 1-5497
- Giroud, F.E. *see* Chee, K.T. 1-43197
- Giroud, M., Nedelec, O. Spectroscopy of the NaH, NaD, KH, and KD X²⁺ ground state by laser excited fluorescence in a high frequency discharge 1-24181
- Girault, J.P., Goraud, M., Labbe, P., Raveau, B. $\text{Rb}_2\text{P}_{20}\text{O}_{12}$: a tunnel structure built up from ReO_4 -type blocks and P_2O_7 groups 1-15854
- Girshberg, Ya.G. *see* Bursian, E.V. 1-20797
- Girshgorn, V.M. *see* Litovchenko, G.D. 1-46184
- Girshick, F., Krien, K., Naumann, R.A., Struble, G.L., Lanier, R.G., Mann, L.E., Cizevski, J.A., Flynn, E.R., Nail, T., Sheline, R.K. The $^{176}\text{Lu}(\text{t})^{176}\text{Lu}$ reaction. The influence of shell gaps and blocking on $L=0$ strength 1-28384
- Girt, E., Tomic, P., Kursumovic, A., Mihac-Kosanovic, T. Free volume change of metallic glasses studied by thermal expansion measurements 1-34493
- Girt, E. *see* Kursumovic, A. 1-43399

- Girvin, S.M., Jonson, M. Dynamical electron-phonon interaction and conductivity in strongly disordered metal alloys 1-20336
- Girvin, S.M., Penn, D.R. Theory of coherence effects in photoinduced Auger events: resonant satellites in metals with filled d bands 1-21300
- Gisbergen, J.A.M. van see van Gisbergen, J.A.M.
- Gisby, J. see Robertson, J.C. 1-49141
- Gisclon, J.L. see Daine, Ch. 1-2534
- Gislason, E.A. see Kleyn, A.W. 1-14995
- Gispiert, R. see Boisse, P. 1-54618
- Gispetka, L. see Paguta, P. 1-48388
- Gissler, W. Photoelectrochemical investigation on trigonal selenium film electrodes 1-8729
- Gitaly, V.H. see Figueiredo, W. 1-30901
- Gitaris, Ya.I., Zavaritskii, N.V., Mirinskii, D.S., Rabinovich, B.I., Forgand, S.V., Shatkhov, V.N. The possible use of a superconductive magnetometer in sounding with the generation of a field 1-44346
- Gitgarts, M.I. see Susin, A.A. 1-3743
- Gitlevich, A.E. see Dushenko, V.F. 1-38576
- Gitlevich, A.E. see Ignat'kov, D.A. 1-43591
- Gitlevich, A.E. see Revutskii, V.M. 1-47108
- Gittlin, B. see Nathanson, G. 1-43683
- Gittlin, B. see Yardley, J.T. 1-39661
- Gittlin, S.N. see Berg, W.W. 1-36031
- Gittina, E.M. Rapid analysis of bronze BrOTs 1-17132
- Gitman, D.M. see Bagrov, V.G. 1-40941
- Gitman, D.M. see Bukhbinder, I.L. 1-50353
- Gitman, D.M. see Gavrilo, S.P. 1-45170, 1-50352
- Gitrack, B.J., Gay, R.R., Borland, R.S., Farooq Ansari, A.A. FIBWR: a code for steady-state thermal-hydraulic analysis of BWR cores 1-50740
- Gitomer, S.J. see Bezerides, B. 1-51967
- Gitomer, S.J. see McLean, E.A. 1-7004
- Gittelman, B. see Chadwick, K. 1-33192
- Gitterman, M., Steinberg, V. Magnification of singularities of the thermodynamic quantities near critical points in the presence of a chemical reaction 1-215
- Gitterman, M., Steinberg, V. Memory effects in the motion of a suspended particle in a turbulent fluid 1-19786
- Gittleman, B. see Bebek, C. 1-33191
- Gittus, J.H. Theoretical free energies for superplasticity and dislocation creep. The origin of the high ductility of superplastic materials 1-52220
- Gittus, J.H. see Pickman, D.O. 1-41177
- Giudice, E. Lo see Lo Giudice, E.
- Giuffrè, L., Modica, G. Diaphragms and membranes for water electrolysis 1-39849
- Giuffrè, L. see Spaziant, P.M. 1-43680
- Giuliani, C. see Azzoni, P. 1-777
- Giuliani, G., Park, Y.K., Byer, R.L. Radial birefringent element and its application to laser resonator design 1-11074
- Giuliani, G., Ristori, P. Polarization flip cavities: a new approach to laser resonators 1-15194
- Giuliani, G.F., Overhauser, A.W. Observation of phasons in metallic rubidium 1-7540
- Giuliani, G.F., Overhauser, A.W. Charge-density-wave satellite intensity in potassium 1-20647
- Giuliani, J.F. see Van Laak, J. 1-15203
- Giuliani, J.L., Jr. Instabilities and star formation within ionization-shock fronts 1-44539
- Giuliani, S. see Donea, J. 1-19718, 1-24781, 1-29511
- Giuliano, C.R. see Abrams, R.L. 1-51548
- Giura, M., Marcon, R. Semiclassical approach to quantum-electromagnetic excitations in metals 1-42806
- Giurica, G., Mardirossian, F. Photometric elements of the eclipsing binary HR 9049 (HD 224113) 1-40520
- Giurica, G., Mardirossian, F. Photometric elements of the eclipsing binary TZ Men 1-44589
- Giurica, G., Mardirossian, F. Photometric elements of the eclipsing binary FZ Cma 1-49724
- Giurica, G., Mardirossian, F. YY CMi: an evolved contact binary system? 1-54552
- Giurica, G., Mardirossian, F., Predolin, F. Revised photometric elements of the eclipsing binary TV Dra 1-36330
- Giurica, G., Mardirossian, F., Predolin, F. Revised photometric elements of seven sd-systems 1-49729
- Giurica, G. see Cester, B. 1-44445
- Giurica, G. see Mardirossian, F. 1-27551
- Giurica, G. see Mezzetti, M. 1-9573
- Giusti, A. A multichannel quantum defect approach to dissociative recombination 1-6351
- Giusti, C. see Barreau, P. 1-28471
- Giusti, C. see Boffi, S. 1-28453
- Giusti, P. see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Giusti-Suzor, A., Lefebvre-Brion, H. A multichannel quantum defect approach to molecular autoionization 1-14966
- Giutronich, J.E. see Mills, D. 1-31983
- Givargizov, E.I., Obolenskaya, L.N. Controlled growth of LaB₆ whiskers by the vapor-liquid-solid mechanism 1-34603
- Givargizov, E.I. see Melmed, A.J. 1-53059
- Given, J.W., Helmberger, D.V. Upper mantle structure of northwestern Eurasia 1-44147
- Given, J.W. see Whitcomb, J.H. 1-13381
- Givens, R.B. see Barger, C.B. 1-43581
- Givernaud, A. see Ajinenko, I.V. 1-592
- Givoletti, M. see Amendolia, S.R. 1-18959, 1-18960
- Givord, D. see Boucherle, J.X. 1-25678
- Givord, D. see Butler, B. 1-2550
- Givord, D. see Gignoux, D. 1-25895
- Givord, F. see Bult, B. 1-2550
- Gizbrekht, A.I. see Nenchev, M.N. 1-41684
- Gizhevskii, B.A. see Samokhvalov, A.A. 1-21209
- Gizmajer, A. Calibration of force measuring transducers and mathematical verification of the results 1-23220
- Gizon, A. see Barci, V. 1-23535
- Gizon, A. see Jastrzebski, J. 1-23540
- Gizon, J. see Barci, V. 1-23535
- Gizon, J. see Jastrzebski, J. 1-23540
- Gjessing, D.T. Target adaptive radar, propagation medium adaptive communication systems, present day methodology and future perspectives. A review 1-36087
- Gjestland, T., Oftedal, G. Assessment of noise annoyance: the introduction of a threshold level in L_{eq} calculations 1-1765
- Glaberson, W.I. see Andrei, E.Y. 1-11932
- Glacarron, R.A. see Prospero, J.M. 1-44277
- Glad, A., Henline, P., Gross, L., McHarg, B. Real time acquisition processing and archiving of doublet III diagnostic data employing table driven software 1-6006
- Glad, D.S., Lorenzo, J.S., Parry, C.M., Merriam, J., Bentley, R.K., Weber, R.H. Pulse-bias modulation of a PbS mosaic array 1-36737
- Gladchenko, A.N. see Alyab'ev, A.Ya. 1-31752
- Gladd, N.T. see Chang, C.L. 1-11548
- Gladd, N.T. see Drake, J.F. 1-38053
- Gladenbeck, J., Krahn, F., Rittich, D., Scarpins, K. Joining techniques for glass fibres in optical telecommunication systems 1-6688
- Gladisch, M. see Orth, H. 1-10875
- Gladishvili, E.I., Grin', Yu.N., Yatsenok, S.P., Yarmolyuk, Ya.P., Chuntunov, K.A. Crystal structure of TmGa₂, LuGa₂ and ScGa₂ compounds 1-20116
- Gladkii, N.F. see Dashuk, A.G. 1-52307
- Gladkii, V.V., Kallae, S.N., Kirikov, V.A. Spontaneous macroscopic quadrupole moment in the noncommensurate polar phase of NaNH₄ tartrate crystals 1-3344
- Gladkii, V.V., Kallae, S.N., Kirikov, V.A., Shuvalov, L.A. Some features of the electric properties of the incommensurate phase of ferroelectrics 1-43077
- Gladkikh, L.I. see Palatnik, L.S. 1-8314
- Gladkikh, P.I. see Izuk, I.S. 1-41549
- Gladkovskiy, I.P., Izvoshchikov, A.B., Petrov, M.P. A ten-channel analyzer of atomic-particle energy spectra with mass separation over a wide energy range 1-10605
- Gladman, D.G. see Sims, G.D. 1-12861
- Gladman, T. see Balliger, N.K. 1-53203
- Gladshstein, L.I., Goritskii, V.M., Evushenko, N.A., Sokolov, S.P., Panfilova, L.M. A fractographic investigation of corrosion cracking under stress of steels for high-strength bolts 1-53352
- Gladshstein, L.I. see Bogdanov, V.I. 1-3906
- Gladstone, G.R. see Pinto, J.P. 1-49390
- Gladun, A. see Bartkowski, K. 1-25835
- Gladun, C., Madge, H., Vinzelberg, H. Thermal conductivity of niobium single crystals in a magnetic field 1-38761
- Gladun, C. see Bartkowski, K. 1-25835
- Gladush, V.D. A static spherically symmetric solution for interacting scalar, electromagnetic, and gravitational fields 1-44825
- Gladwell, G.M.L. Contact problems in the classical theory of elasticity 1-36469
- Gladyshev, A.M. see Pavlinov, L.V. 1-28600
- Gladyshev, D.A. see Begzhanov, R.B. 1-23604
- Gladyshev, V.A. see Sauvaud, A.J. 1-17739
- Glaefke, H. see Wild, W. 1-38412
- Glaeser, R.M. see Downing, K.H. 1-13214
- Glaeser, R.M. see Hayward, S.B. 1-32211
- Glagola, B.G. see Betts, R.R. 1-36958
- Glagola, B.G. see Breuer, H. 1-23674
- Glagolev, A.N. see Broun, I.I. 1-17368
- Glagolev, Yu.A. Characteristics of convective heat transfer of bodies moving slowly in the atmosphere [temperature sensing devices] 1-27312
- Glagoleva, N.S. see Aksinenko, V.D. 1-18662
- Glagolevskii, V.V., Kozlova, K.I. Heavy-element lines in the spectrum of the Ap star ν Cnc (HD 77350) 1-9528
- Gland, J.L. see Gorte, R.J. 1-38661
- Glandt, E.D. Density distribution of hard-spherical molecules inside small pores of various shapes 1-15778
- Glandt, E.D. Quantum corrections to the thermodynamic properties of adsorbed fluid phases 1-47366
- Glandt, E.D. see Briano, J.G. 1-11652, 1-42117
- Glandus, J.C., Boch, P. Non destructive testing of silicon oxytinide thermal shock sensitivity 1-17018
- Glangeaud, F., Lacoume, J.-L., Fargetton, H., Gen-drin, R., Perrault, S., Troitskaya, V.A. Cross-spectral analysis of Pc I emissions recorded at different stations 1-4714
- Gardon, R., Kurz, W. Solidification path and phase diagram of directionally solidified Co-Sm-Cu alloys 1-35246
- Glaser, M., Sitters, R., Henderson, B. ODMR in the photo-excited ³B₁ state of F₂²⁺ centres in MgO. I. Zero-field spectra and spin coherence phenomena 1-26080
- Glaser, M. see Hond, R. 1-3299
- Glaser, E., Gotz, G., Wesch, W., Stelmach, W.F., Tkatschew, W.D., Tolstych, W.P. Investigation of ion implanted silicon by Rutherford backscattering and EPR measurements 1-20245
- Glaser, I. Noncoherent parallel optical processor for discrete two-dimensional linear transformations 1-6501
- Glaser, I. see Besco, J. 1-19274
- Glaser, M. see Dschao, K. 1-36613
- Glaser, R., Herrmann, A. The sedimentation velocity of individual human erythrocytes as a function of temperature 1-35792
- Glaser, S. see Damm, V. 1-40090
- Glaser, W. see Egelstaff, P.A. 1-30035
- Glaser, W. see Franz, G. 1-25147
- Glaser, W. see Schickanz, S. 1-12500
- Glaser, W. see Suck, J.B. 1-30341
- Glasgow, G.P., Mill, W.B., Phillips, G.L., II., Herzog, G.P. Comparative ⁶⁰Co total body irradiation (220 cm SAD) and 25 MV total body irradiation (370 cm SAD) dosimetry 1-35886
- Glashow, S.L. Grand unification: tomorrow's physics 1-14295
- Glashow, S.L. Where is the top quark? 1-23482
- Glashow, S.L. see Georgi, H. 1-45185
- Glasko, V.B. see Bakharevskaya, T.M. 1-13610
- Glasmachers, G., Vollmer, H.-P. Measurement of the relevant characteristics for the application of V-NUT lasers 1-19338
- Glasner, P. see Steuer, J. 1-5044
- Glasner, R. see Gaul, G. 1-50610
- Glasper, J.L. see Robbins, D.J. 1-8128, 1-39161
- Glass, A.M. see Bergman, J.G. 1-39169
- Glass, A.M. see Lawless, W.N. 1-26136
- Glass, A.M. see Liao, P.F. 1-12079
- Glass, A.M. see Nassau, K. 1-34505
- Glass, A.S. see Baltes, H.P. 1-41610
- Glass, B. see Brigham, G. 1-11280
- Glass, E.N. Newtonian spherical gravitational collapse 1-9540
- Glass, E.N. see Collins, C.B. 1-49867
- Glass, G.M. see Fredberg, J.J. 1-13296
- Glass, I.S. JHK observations of quasars and BL Lac objects 1-54656
- Glass, I.S. see Elliot, J.L. 1-40417
- Glass, J.C., Pobell, F. Mossbauer studies of ErO₂, MoSe₂ 1-26101
- Glass, J.C. see Handel, E.D. 1-13211
- Glass, R. Oscillator strengths, transition probabilities and lifetimes for allowed transitions in Ne VII 1-45864
- Glass, R. Oscillator strengths, transition probabilities and lifetimes involving 2p_{3s} and 2p_{3d} singlet and triplet states for allowed transitions in O V 1-45866
- Glasser, P. see Harrach, D. 1-50693
- Glasser, A.H. see Frieman, E.A. 1-2183
- Glasser, F. see Tsan Ung Chan 1-10296
- Glasser, F.P. see Dixon, S. 1-31443
- Glasser, L.S.D., Howie, R.A., Smart, R.M. The structure of lead 'orthosilicate', 2PbO.SiO₂ 1-42341
- Glasser, M.L. Specific heat of electron gas of arbitrary dimensionality 1-32901
- Glasser, R.G. see Berger, C. 1-5636, 1-10209
- Glasser, R.G. see Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Glassgodd, A.E. see Federman, S.R. 1-44601
- Glassman, I. see Ray, S.R. 1-24661
- Glassmeier, K.-H. Magnetometer array observations of a giant pulsation event 1-36115
- Glatstein, E. see Padikal, T.N. 1-22128
- Glatz, I., Yoge, A. CO₂-laser-induced fluorescence and double resonance in an isomerization system 1-31840
- Glatzer, O. Computation of distance distribution functions and scattering functions of models for small angle scattering experiments 1-27828
- Glatzer, O. Evaluation of small-angle scattering data from lamellar and cylindrical particles by the indirect transformation method 1-34198
- Glatz, F. see Bitterwolf, E. 1-28375
- Glatzel, E. New lenses for micro lithography 1-45059
- Glatzel, W., Fricke, K.J., El-Eid, M. Equilibrium and stability of rotating stellar cores with finite entropy 1-40465
- Glatzel, W. see Bettwieser, E. 1-54542
- Glatzmaier, G.A. see Gilman, P.A. 1-22748
- Glaubman, M. see Daum, C. 1-14424

- Glaude, V.M.M., Moisan, M., Pantel, R., Leprince, P., Marec, J. Axial electron density and wave power distributions along a plasma column sustained by the propagation of a surface microwave 1-34083
- Glaudemans, P.W.M., Vennink, R. A microscopic classification of high-spin states in ^{56}Fe 1-5675
- Glaudemans, P.W.M. *see* Metsch, B.C. 1-36896
- Glaudson, M., Yildiz, A., Cox, P.H. Extended unified field theories: an SU(7) model 1-18418
- Glauner, W. *see* Cartwright, D.K. 1-823
- Glaunsinger, W.S., Horowitz, H.S., Longo, J.M., Chang, A. Magnetic properties of the mixed-valence compounds CaMn_2O_6 and CaMn_2O_8 1-38925
- Glaunsinger, W.S. *see* Guen, L. 1-34868
- Glavatskaya, N.I. *see* Polotskii, I.G. 1-8361
- Glaviano, M.C., Raymond, D.J. Validity of the diffusion approximation in relativistic fluids 1-49485
- Glavin, G.G. *see* Artyushenko, V.G. 1-51575
- Glazer, A.A., Mishin, V.M., Tagirov, R.I. Influence of annealing in a magnetic field on the induced magnetic anisotropy of amorphous gadolinium-cobalt films 1-25993
- Glazer, A.M. *see* Cosier, J. 1-33084
- Glazer, A.M. *see* Wood, I.G. 1-3363
- Glazik, J.L., Jr., Petroski, H.J. The dynamic response of cracked fast reactor subassembly ducts 1-33315
- Glazik, J.L., Jr. *see* Petroski, H.J. 1-33314
- Glazkov, V.L., Ershov, V.I., Medvedev, Yu.R. Calculated determination of the elongation and reduction of flat samples 1-53374
- Glazkov, V.M., Duganov, V.V., Polyakov, V.V., Puzryev, V.M. Experimental study of plane asymmetric nozzle models in overexpansion regimes 1-15529
- Glazkov, V.P. *see* Irodova, A.V. 1-38329
- Glazkov, V.V., Guseva, M.D., Zhestkov, B.A. Flow in the case of jet cooling of a plate 1-1929
- Glazman, L.I. Resonance excitation of carriers in semiconductors by intense light pulses 1-42828
- Glazner, V.N., Pavlovskiy, V.I., Rayevskiy, A.B. Autocorrelation functions of potential fields caused by a horizontal layer with random sources 1-9280
- Glazov, G.N., Ignonin, G.M. Correlation function of photocurrent of optical Doppler turbulent-velocity measurement device 1-46831
- Glazov, G.N., Titov, G.A. Equations for the moments of the radiation intensity in broken clouds in the Markov approximation 1-36060
- Glazov, G.N. *see* Astafurov, V.G. 1-6529
- Glazov, V.M., Alavazov, A.A., Kol'tsov, V.B. Investigation of the electrical conductivity and Hall effect in indium antimonide near the melting point on solid and liquid states 1-36704
- Glazov, V.M., Lebedev, V.V., Molodiy, A.D., Pashinkin, A.S. Thermal dissociation of $\text{Al}^{III}\text{B}^{III}\text{As}_2$ compounds 1-17040
- Glazov, V.M., Lebedev, V.V., Molodiy, A.D., Pashinkin, A.S. Heats of formation of $\text{Al}^{III}\text{B}^{III}\text{C}_2\text{V}_2$ and $\text{Al}^{III}\text{B}^{III}\text{C}_2\text{V}_2$ compounds 1-21757
- Glazunov, M.G. *see* Korotayev, A.D. 1-11905
- Gleb, V.K. *see* Shulman, Z.P. 1-38018
- Glebin, A.A., Davydov, A.A., Garba, N.I. Growing large single crystals of CdTe from the vapor phase 1-39229
- Glebov, I.A., Rutberg, Ph.G., Borodin, V.S. Development and investigation of impulse and three-phase dense plasma generators 1-15628
- Glebov, L.B. *see* Trukhin, A.N. 1-43178
- Glebov, V.Yu. *see* Abramov, V.V. 1-596
- Glebova, L.A., Abramov, V.V., Margolin, L.N., Zenkin, A.A., Pentin, Yu.A., Tyulin, V.I. Rotational isomerism and hindered internal rotation in the methacryloylfluoride molecule 1-24064
- Glebova, Z.S. *see* Khokhlova, N.M. 1-4349
- Gledhill, J.R. *see* Bumb, R.R. 1-53426
- Gledhill, R.A., Kinloch, A.J., Shaw, S.J. A model for predicting joint durability 1-8525
- Gledzer, E.B. Reduction of the Navier-Stokes equations to nonlinear chains of cascade type 1-33942
- Gleeson, L.J., Webb, G.M. The propagation of cosmic-rays in the interplanetary region (the theory) 1-49460
- Glei, V.A. *see* Beletskii, V.M. 1-16826
- Gleisberg, F.A., Nonnenmacher, Th.F. On the kinetics of spinodal decomposition: a numerical solution of a dissipative wave equation 1-30387
- Gleiser, R.J., Reula, O.A., Moreschi, O.M. Complex energy eigenstates in a model with two equal mass particles 1-50410
- Gleiter, H., Mahajan, S., Bachmann, K.J. The generation of lattice dislocations by migrating boundaries 1-20210
- Gleiter, H. *see* Gottschalk, Chr. 1-20237
- Gleiter, R. *see* Bohm, M.C. 1-45852
- Gleizer, I.Z., Pak, V.S., Usov, Yu.P., Tsvetkov, V.I., Shatanov, A.A. Propagation of high-current microsecond beams in vacuum channels with metal and dielectric walls 1-24351
- Gleizer, I.Z., Usov, Yu.P., Tsvetkov, V.I., Shatanov, A.A. Sectioned Faraday cylinder for magnetized high-current beams 1-50165
- Gleizes, A., Bordenave-Montesquieu, A., Benoit-Cattin, P. Consequences of the collision symmetry on the observed electron spectra produced by autoionisation 1-6381
- Gleizes, A. *see* Alnagi, O. 1-52123
- Gleizes, A. *see* Maury, F. 1-25207
- Glen, G., Sutherland, P. On the cooling of neutron stars 1-9549
- Glen, J.S. *see* Hilborn, J.W. 1-32000
- Glen, M. *see* Sykes, M.F. 1-27893
- Glenndinning, A.B. *see* Russel, W.B. 1-48740
- Glenister, S.M.D. *see* Elliott, R. 1-8289
- Glenn, L.A. On the motion following isochoric heating of concentric liquid annuli 1-14694
- Glenn, W.V. *see* Reed, I.S. 1-26981
- Glevasskaya, A.M. *see* Mikhailova, N.P. 1-27060
- Glezer, A.M., Gratsianov, Yu.A., Molotilov, B.V., Utevskaia, O.L. The structure and mechanical properties of amorphous Fe-Ni-P-B alloy 1-21492
- Glezer, A.M., Mironov, L.V., Molotilov, B.V., Khomskii, A.P., Makarov, V.A., Pogosov, V.Z., Utevskaia, O.L. Effect of interstitial impurities and thermomechanical treatment on plasticity of Fe-Si alloys 1-8344
- Glezer, A.M., Molotilov, B.V. Dislocation structure and temperature dependence of mechanical properties of iron-silicon and iron-aluminum alloys 1-8367
- Glezer, A.M., Molotilov, B.V., Matveev, Yu.A., Zakharov, A.I. Nature of brittleness and physical prerequisites for overcoming it in high-silicon-content iron 1-8406
- Glezer, A.M., Molotilov, B.V., Utevskaia, O.L. Structural facets of the order-disorder transformation in an Fe-Ga alloy 1-38319
- Glick, D., Nolen, H.W., III, Edmonds, P.D. Blood chemical and hematological effects of ultrasonic irradiation of mice 1-53819
- Glicksman, A.S. *see* McShan, D.L. 1-22126
- Glicksman, L.R. *see* Bar-Cohen, A. 1-29766
- Glicksman, M.E. A temperature fixed point near 58°C 1-36660
- Glidewell, C. Structure and conformation in molecular peroxides 1-10662
- Glidewell, C. Ligands of low electronegativity in the VSEPR model: Electron-rich hydrides MH_2E_2 , MH_2E , MH_2E , and MH_2E 1-10673
- Glidewell, C. Conformational analysis of $\text{X}_2\text{PNP}(\text{O})_2$ and $(\text{X}_2\text{PNP})_2$ for $\text{X}=\text{H}, \text{F}, \text{Cl}, \text{CH}_3$ by the PCO method 1-24040
- Glidewell, C., Meyer, A.Y. Bond relaxation and non-bonded distances in gem-dihalides and related molecules 1-51307
- Glidewell, C., Mollison, G.S.M. Substituent effects on the molecular and electronic structure of β -lactams 1-51128
- Glidewell, C. *see* Bews, J.R. 1-10664, 1-10665, 1-48672, 1-48673
- Gliemann, G. *see* Hidegi, I. 1-43153
- Gliese, W. Hertzsprung-Russell diagrams and color-luminosity diagrams and the stars nearer than twenty-two parsecs 1-17827
- Glignori, R. The effect of thermomechanical treatment and copper addition on the precipitation strengthening of AlMgSi alloys 1-21467
- Glikman, E.E., Bruver, R.E., Krasov, A.A., Trubin, S.V. Mechanism of 'spontaneous' nucleation of microcracks at grain boundaries and brittle fracture of solid solutions Fe-P 1-26590
- Glikman, E.E., Goryunov, Yu.V., Ledovskaya, I.Yu. The kinetics of failure of copper in the presence of liquid bismuth with a chemically active addition of Sb 1-35365
- Glikman, L.A., Gurevich, B.G. Effect of a preliminary small plastic strain on the fatigue strength of polished specimens 1-3924
- Gliko, A.O., Efimov, A.B. The method of a small parameter in the classical Stefan problem 1-51691
- Glimm, J., Marchesin, D., McBryan, O. A numerical method for two phase flow with an unstable interface 1-51864
- Glimois, J.-L. *see* Forey, P. 1-38328
- Glimpf, W. *see* Deden, H. 1-28311
- Glinchuk, K.D. *see* Vovnenko, V.I. 1-21271
- Glinchuk, M.D. *see* Bliznyuk, V.N. 1-52836
- Glinchuk, M.D. *see* Vugmeister, B.E. 1-8019
- Glinka, G., Molski, K. Fatigue crack growth retardation under constant amplitude and variable mean stress 1-21574
- Glinkin, E.I. *see* Fesenko, A.I. 1-1816, 1-27919
- Glin'ski, M. *see* Troinar, K. 1-44962
- Glin'skii, E.E. *see* Makarskii, V.V. 1-17129
- Glin'skii, G.F. Nonlinear electrodynamics and anisotropic space-time 1-40954
- Glozzi, F. Duality transformation and confinement in gauge theories 1-18390
- Glisson, A.W., Wilton, D.R. Simple and efficient numerical methods for problems of electromagnetic radiation and scattering from surfaces 1-1444
- Glisson, T.H., Hauser, J.R., Littlejohn, M.A., Hess, K., Streetman, B.G., Shichijo, H. Monte Carlo simulation of real-space electron transfer in GaAs-AlGaAs heterostructures 1-16342
- Glinvinski, J. Laser interferometer for angle measurement 1-23297
- Glock, E. Types, causes, and effects of limiter damage in the PULSATOR Tokamak 1-25074
- Glock, E. *see* Niedermeyer, H. 1-25040
- Glockle, W., Muller, L. Relativistic theory of interacting particles 1-50563
- Glockle, W. *see* Coelho, H.T. 1-5716
- Glockle, W. *see* Muller, L. 1-28241
- Glockner, Gy., Fock, K. Physical foundations and properties of vortex flowmeters 1-24901
- Glockner, P.G. *see* Chowdhury, K.L. 1-5104, 1-29545, 1-34975
- Gloeckler, G. *see* Hamilton, D.C. 1-17783
- Gloeckler, G. *see* Klecker, B. 1-40287
- Gloeckler, G. *see* Muller, L. 1-40272
- Gloeckler, G. *see* Mason, G.M. 1-9448
- Gloeckler, G. *see* Mobius, E. 1-17741
- Gloeckler, G. *see* Scholer, M. 1-9327
- Gloede, C., Muller, H., Kaiser, N., Trapp, M. Influence of Bi, Sb, and Sb overlayers on the annealing behaviour of Ag films 1-34809
- Gloetzer, L., Szabo, L. Sensitometric study of film-labs' duplicating processes 1-28088
- Gloor, J.L. *see* Cleland, W.E. 1-45360
- Glorieux, P. *see* Arimondo, E. 1-51233
- Glorieux, P. *see* Macke, B. 1-4142
- Gloriozova, R.I., Kolesnik, L.I. Electron states of local centers in n-type GaAsO 1-34659
- Glott, J.-L. *see* Cleland, W.E. 1-23522
- Glosser, R. *see* Frazier, G.A. 1-20554
- Glotov, E.P. *see* Aleksandrov, V.V. 1-33700
- Glotov, E.P. *see* Averin, A.P. 1-34178
- Glotov, E.P. *see* Avrov, A.I. 1-46290
- Glotov, E.P. *see* Basov, N.G. 1-6578, 1-33716
- Glotov, V.I. *see* Barabanov, I.R. 1-23981
- Glotz, G., Schöner, W., Raitch, K. Solution of the Navier-Stokes equations for a rectangular cavity 1-42097
- Glotzel, D., Podlucky, R. Band structure, Compton profile and the γ - α transition in cerium 1-47445
- Glotzel, D., Segall, B., Andersen, O.K. Self-consistent electronic structure of Si, Ge and diamond by the LMTO-ASA method 1-20621
- Glotzel, D. *see* Brooks, M.S.S. 1-47466
- Glotzel, D. *see* Johansson, B. 1-47529
- Glox, J., Genoud, F., Decors, M. E.P.R. study by triplet excitons in 1,5 dimethyl-norbornene nitroxide 1-47952
- Glover, C.W. *see* Hnizdo, V. 1-41133
- Glover, D.M. Hydrocarbon chain disorder in C-phase potassium caprate and its associated diffuse scattering 1-42366
- Glover, D.M. Heat flux effects on oxidation rates and kinetics 1-53331
- Glowacka, H., Szymura, S., Wyslocki, B. The observation of domain structure and grain boundaries in Fe-3%Si alloy coated with an electroinsulating film 1-39559
- Glowacka, L. *see* Augustyniak, W. 1-45425
- Glowacki, Z., Niemczura, Z. Peritectoid reaction in a steel containing about 1%Cr and 18%Cr 1-8270
- Glowaczewski, P., Grochowski, J., Krasinski, J., Siemradzan, A. N₂ laser tube transversal gas recirculation 1-11018
- Glowaczewski, P. *see* Radzewicz, C. 1-19357
- Glowiak, T. *see* Grech, E. 1-28962
- Glowinski, R., Mantel, B., Periaux, J. A finite element approximation of Navier-Stokes equations for incompressible viscous fluids. Functional least-square methods of solution 1-18027
- Glowinski, R., Mantel, B., Periaux, J., Pironneau, O., Poirier, G. An efficient preconditioned conjugate gradient method applied to nonlinear problems in fluid dynamics via least square formulations 1-6868
- Glowinski, R. *see* Bourgat, J.F. 1-24691
- Glowinski, R., Lions, J.L. (editor) Computing Methods in Applied Sciences and Engineering. Proceedings of the Fourth International Symposium 1-18
- Glownia, J.H., Riley, S.J., Colson, S.D., Nieman, G.C. The MPI spectrum of expansion-cooled ammonia: photophysics and new assignments of electronic excited states 1-24194
- Glownia, J.H. *see* Colson, S.D. 1-29066
- Gloyn, A.R. A dynamic net energy analysis of some UK energy options 1-39715
- Globowski, W. *see* Galkowski, A. 1-37018
- Gluck, D. Theoretical and experimental research on steady fields of flow with an inhomogeneous velocity head 1-42004
- Gluck, M. Direct evidence for the three-gluon coupling 1-40970
- Gluck, P. Transitions in magnetic superconductors 1-3175
- Gluck, P. Solutions of the Boltzmann equation 1-27904
- Gluetker, E.L. *see* Dayan, A. 1-50826
- Gluetker, E.L. *see* Kujawski, E. 1-45697
- Glueder, H. *see* Platzer, H. 1-41617
- Glukhikh, V.A. Accelerators for industry and medicine (contemporary state and prospects) 1-23875
- Glukhikh, A.M. *see* Pokrovskii, V.A. 1-45069
- Glukhov, G.V. *see* Agraev, A.A. 1-31501

- Glukhov, Yu.A. Method for estimating the endurance of structural elements with multifactor damage 1-29535
- Glukhovskii, G.S., Andreev, Yu.S., Oreshin, M.M., Mkhitarov, R.A. Measuring the frequency-contrast characteristics of diazotype films 1-23359
- Glukhovskii, L.I. Numerical method for computation of variable magnetic field in the conducting ferromagnetic medium 1-46198
- Glumac, B. *see* Najzer, M. 1-50708
- Glurdzhidze, L.N., Giginishvili, A.V., Zurabishvili, N.G., Bzhalava, T.L., Sanadze, V.V. Reflection spectra of thin samarium monosulfide films in the vicinity of the metal-semiconductor phase transition 1-26295
- Glurdzhidze, L.N., Kekhairov, T.D., Gzishvili, D.G., Bzhalava, T.L., Sanadze, V.V. Reflection, absorption, photoconductivity, and photo-EMF spectra of thin YbS films 1-3521
- Glushakov, M.L. Large-scale electric field in the dynamo region of the ionosphere 1-22579
- Glushchenko, A.A. *see* Bezdetnyi, B.P. 1-15540
- Glushchenko, L.A. *see* Travin, V.G. 1-365
- Glushko, E.Ya., Sinishchuk, I.K., Solov'ev, V.N. Estimate of the energy parameters of defect complexes in germanium 1-42720
- Glushko, V.I. *see* Ryabokobylko, Yu.S. 1-6284
- Glushkov, E.A., Reztsov, V.F. Effective galvanomagnetic properties of epitaxial gallium arsenide films 1-25814
- Glushkov, M.V., Kosichkin, Yu.V., Nadezhdinskii, A.I., Zaslavitskii, I.I., Shotov, A.P., Gerasimov, G.A., Fomin, V.V. Vibrational-rotational spectra of the ν_2 band of $^{192}\text{OsO}_4$ gas obtained using a diode laser 1-1239
- Glushkov, V.M., Ivanov, V.V., Janenko, V.M. One class of nonlinear dynamic models and its applications 1-53744
- Glushkov, V.V., Kuz'michev, M.N. Transmission of flexural waves across a system of parallel beams 1-19503
- Glushkova, D.B. *see* Aksel'rod, E.I. 1-11927
- Glushkin, E.S. *see* Artamonov, A.S. 1-23893, 1-23894
- Gluskin, Ya.A. *see* Al'tman, V.A. 1-31678, 1-39464
- Gluzhnev, G.I. *see* Benkleyka, N.P. 1-27928
- Gluzman, N.G., Lerinman, N.K., Sabirzyanova, L.D., Tsidi'kovskii, I.M. Problem of the anisotropy of the magnetoresistance of n-type InSb 1-20775
- Gluzman, P.M. *see* Braude, I.S. 1-53208
- Glyde, H.R., Smoes, M.G. Phonons in solid argon 1-34440
- Glyde, H.R. *see* Sa-yakanit, V. 1-34655
- Glymour, C. *see* Earman, J. 1-32827
- Gmelin, E., Guckelsberger, K. Detection of tunnelling systems in Li_2N by excess specific heat 1-34484
- Gmelin, E., Rodhammer, P. Automatic low temperature calorimetry for the range 0.3-320K 1-32988
- Gmelin, E. *see* Thomas, N. 1-30880
- Gmitro, A.F., Gindi, G.R., Greivenkamp, J.E., Barrett, H.H., Swindell, W. High-resolution hybrid digital-optical processor for transaxial tomography 1-53879
- Gmitro, A.F. *see* Barrett, H.H. 1-37628
- Gmitro, A.F. *see* Greivenkamp, J.E. 1-39987
- Gmuir, K. *see* Schmocker, U. 1-28606
- Gnadig, K. CW laser oscillation observed on visible and near-infrared PbII-transitions in a hollow cathode discharge tube 1-29265
- Gnadig, P. What size is an electron? 1-23456
- Gnadit, P.A. *see* Rose, S.D. 1-28540
- Gnanamoorthy, J.B. *see* Dayal, R.K. 1-31728
- Gnanamuthu, D.S. Laser surface treatment 1-8460
- Gnanaraj, Canagaratna, S., Maheswaran, M. Determination of partial molar quantities in multi-component systems 1-21760
- Gnaneswara, Rao, K.V.S., Krishna Rao, D.V. Determination of moments in a circular plate by speckle-shearing interferometry 1-46716
- Gnat, V. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Gnatovich, V. *see* Abdurazakov, A.A. 1-33217
- Gnedov, Yu.A. *see* Romanov, Yu.I. 1-530, 1-535
- Gnesin, G.G. *see* Dyban', Yu.P. 1-12862
- Gnysysheva, K.G. *see* Dachich, M. 1-13691
- Gnielinski, V. *see* Rao, S.P. 1-2075
- Gninini, L. *see* Hafid, L. 1-26220
- Gnoffo, P.A. Complete superionic flowfields over blunt bodies in a generalized orthogonal coordinate system 1-2019
- Gnucher, V.S. *see* Burtsev, S.A. 1-3864
- Gnyp, I.P., Pokhmurskii, V.I., Ganulich, B.K. Assessing the correctness and possibility of using the soft layers technique 1-4034
- Gnyp, I.P., Pokhmurskii, V.I., Shved, M.M., Yaremchenko, N.Ya. Influence of the quantity and form of intermetallic inclusions on the fracture toughness of aluminum alloys 1-53289
- Go, N. Thermodynamics of small-amplitude conformational fluctuations in native globular proteins 1-53755
- Goad, C.C. *see* Douglas, B.C. 1-22187
- Goates, S.R. *see* Bartell, L.S. 1-29046
- Gobbi, A., Norenberg, W. Dissipative collisions 1-50628
- Gobbi, E. *see* Deninno, M.M. 1-50440
- Gobel, E.O. *see* Romanek, K.M. 1-52592
- Gobel, W., Hirth, W., Furst, E. The dependence of the 'Sigma-D relation' of supernova remnants on the energy spectrum of radiating particles 1-36375
- Gobin, P. *see* Derep, J.L. 1-31567
- Gobin, P.F. *see* Mai, C. 1-21446
- Gobin, P.F. *see* Morin, M. 1-38448
- Gobin, P.-F. *see* Lormand, G. 1-35256
- Gobl-Wunsch, A., Heppke, G., Hopf, R. Re-entrant nematic phase established for several homologous biomimetic liquid crystals by investigation of binary mixed systems 1-52065
- Goble, J.H., Winn, J.S. Analytic potential functions for weakly bound molecules. Bonding in the alkaline earth diatomics 1-29071
- Gobran, N.K., Mansy, F.M. Stress dependence of creep mechanism of an Al-2 wt.% Mg alloy at high temperature 1-38378
- Gobran, N.K., Mansy, F.M., Hamza, S.S. Effect of internal strains on the dissolution of the β -phase in an Al-2 wt.% Mg alloy 1-26473
- Gobran, N.K. *see* Mansy, F.M. 1-12816
- Gobrecht, J. *see* Kautek, W. 1-39808
- Gochey, I. *see* Georgiev, G. 1-16434
- Gochitashvili, M.R. *see* Lavrov, V.M. 1-29110
- Gocke, E. *see* Kiefer, J. 1-13290
- Gockeler, M. The construction of bound state operators for the cubic Schrodinger field theory 1-45147
- Gockenbach, E. The breakdown behaviour of some new gases and gas mixtures in uniform and nonuniform fields 1-11614
- Godard, R., Jen-Shih Chang Local and total heat transfer on a sphere in a free molecular ionised gas flow 1-11423
- Godart, C., Mauger, A., Escorne, M., Achard, J.C. Eu richEuO: specific optical transitions 1-26217
- Godart, C. *see* Mauger, A. 1-2874
- Godass, L.I. New illuminator for instruments with fiber optics (OS-150) [medical diagnosis application] 1-8949
- Goddard, A.J.H. *see* Ackroyd, R.T. 1-728
- Goddard, D.J. *see* Holt, J. 1-3842, 1-3843, 1-48437
- Goddard, E.D. *see* Rosen, M.R. 1-47333
- Goddard, J.D. *see* Allen, T.L. 1-4066
- Goddard, J.D. *see* Osamura, Y. 1-39613
- Goddard, J.D. *see* Yoshioka, Y. 1-45862
- Goddard, M.C. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Goddard, M.C. *see* Olsson, J. 1-14769
- Goddard, M.C. *see* O'Neill, L.H., Jr. 1-50443
- Goddard, P., Mansfield, P., Osborn, H. The functional measure for the exact SU(2) two instanton solution 1-28182
- Goddard, P. *see* Corrigan, E. 1-33113
- Goddard, P. *see* Epton, R. 1-45992
- Goddard, W.A., III, Harding, L.B. The description of chemical bonding from ab initio calculations 1-10657
- Goddard, W.A., III *see* Bair, R.A. 1-6277
- Goddard, W.A., III *see* Nascimento, M.A.C. 1-28880, 1-28882
- Goddard, W.A., III *see* Swarts, C.A. 1-16171, 1-16327
- Goddard, W.A., III *see* Upton, T.H. 1-7500
- Goddeke, H. *see* Commichau, V. 1-14761
- Goedcke, T. *see* Koster, W. 1-31427
- Godefroy, G., Lompre, P., Dumas, C., Beaucamps, Y., Perrot, A. Barium-strontium titanate crystal growth and characterization 1-26139
- Godefroy, G. *see* Gonzalo, C. 1-26276
- Godefroy, G. *see* Jannot, B. 1-21184
- Godeny, I., Beke, D.L., Kedves, F.J., Groma, G. Diffusion of ^{65}Zn in Al-rich heterogeneous AlZn alloys 1-47306
- Godet, M. *see* Play, D. 1-16904
- Godov, N.G., Sirakov, E.D. Method for recording the mixed orographic-thermal effect of turbulent, baroclinic PBL vertical motions on a synoptic scale 1-32527
- Godfrey, B.B. *see* Fachl, R.J. 1-29867
- Godfrey, D.J. Low energy ion scattering spectroscopy study of clean and adsorbed Cu(100) and Ni(100) surfaces 1-52438
- Godfrey, G. *see* Partridge, R. 1-10207
- Godfrey, L. *see* Allasia, D. 1-23495
- Godfrey, P.D. *see* Gardner, F.F. 1-27589
- Godfrey, R., Muir, F., Rocca, F. Modeling seismic impedance with Markov chains 1-27259
- Godfrey, W.L. *see* Waltz, W.R. 1-28683
- Godfrin, H., Frossati, G., Greenberg, A.S., Hebral, B., Thoulouze, D. Phase diagram of ^3He at melting pressures and high magnetic fields 1-2769
- Godfrin, H., Frossati, G., Hebral, B., Thoulouze, D. Surface magnetic relaxation-relation to ^3He spin up experiments 1-2753
- Godfrin, H. *see* Hebral, B. 1-16127, 1-20508, 1-34541
- Godfrin, H. *see* Isnard, R. 1-21121
- Godik, E.E. *see* Demientenko, V.V. 1-1615
- Godik, E.E. *see* Petrov, A.V. 1-20804
- Godik, V.I., Kotova, E.A., Borisov, A.Yu. Nanosecond recombination luminescence of purple bacteria 1-17364
- Godin, A. *see* Adam, M. 1-23909
- Godin, D.V. *see* Charmasson, R. 1-43856
- Godin, M.L. *see* Kozinets, V.V. 1-21600
- Godin, Yu.G. *see* Bakhteev, A.N. 1-43693
- Godlevskaya, A.N. *see* Rvachev, V.P. 1-44983
- Godlevskii, A.P., Kopytin, Yu.D. Ionization and excitation of emission spectrum of aerosols by CO_2 laser radiation 1-15631
- Godlewski, M., Kaminska, M. The chromium impurity photogeneration transitions in ZnS, ZnSe and ZnTe 1-31017
- Godlove, T.F. *see* Herrmannsfeldt, W.B. 1-18879
- Godmanis, I. *see* Horig, W. 1-12526
- Godnev, A.G. *see* Avdueski, V.S. 1-9396
- Godnev, I.N. *see* Godneva, M.I. 1-33449
- Godneva, M.I., Vinogradova, V.N., Godnev, I.N. Limitation of ambiguity in the determination of normal coordinates 1-33449
- Godone, A., Bava, E., De Marchi, A. FIR laser modulation by an external variable reactance 1-37518
- Godone, A., De Marchi, A., Bava, E. Fast frequency modulation of a far-infrared laser with a Schottky barrier diode 1-11030
- Godone, A., De Marchi, A., Bava, E. An improved multiplier chain for precise frequency measurements to 20 THz 1-18199
- Godone, A. *see* Bava, E. 1-33725, 1-37517
- Godone, A. *see* De Marchi, A. 1-19372, 1-46404
- Godovikov, A.A. *see* Bakakin, V.V. 1-25223
- Godovikov, A.A. *see* Il'yasova, N.A. 1-16678
- Godoy, S.V. *see* Fujita, S. 1-23118, 1-39879
- Godoy, S.V. *see* Okamura, Y. 1-7391
- Godt, R.E. *see* Maughan, D.W. 1-49023
- Godwin, C.I., Armstrong, R.L., Tompson, K.M. K-Ar and Rb-Sr dating and the genesis of tungsten at the Clea tungsten skarn property, Selwyn Mountains, Yukon Territory 1-32436
- Godwin, C.I. *see* Cann, R.M. 1-32437
- Godwin, N.S., Rae, W.D.M., Cooke, B., Etche-goyen, A., Eyre, N.J., Fisher, P.S., Proudfoot, G., Sinclair, D. A study of three-nucleon transfer reactions on ^{10}O 1-33212
- Godwin, N.S. *see* Brown, B.A. 1-28399
- Godwin, N.S. *see* Proudfoot, G. 1-717
- Godwin, R. *see* Antoniadis, M.G. 1-16149
- Godzhaev, E.M., Orudzhov, K.D., Mamedov, V.A., Guliev, L.A. Electrophysical and X-ray investigations of alloys of the $\text{TlInX}_2\text{-TlInX}_2$ system, where X is Se or Te, Ln is Nd or Pr 1-52482
- Godzhaev, E.M., Zarbaliev, M.M. Switching effect in alloys of the system $\text{TlInTe}_2\text{-TlInTe}_2$ 1-7673
- Godzhaev, M.O. *see* Abdullaeva, S.G. 1-48113
- Godzik, J. *see* Kaliski, S. 1-34095
- Goebbels, J. *see* Freyhardt, H.C. 1-34829
- Goebel, C., Scott, D.M., Halzen, F. Double Drell-Yan annihilations in hadron collisions: novel tests of the constituent picture 1-33159
- Goebel, D.M., Forrester, A.T., Johnston, S. La-Mo emitters in hollow cathodes 1-23366
- Goebel, G.R. Criticality of moderated and under-moderated low-enriched uranium oxide systems 1-50792
- Goebel, J.A. *see* Vargas, J.R. 1-31760
- Goebel, J.H. Production of $1.25\text{K } ^4\text{He}$ without ^4He superfluid film 1-36668
- Goebel, J.H. *see* Goorvitch, D. 1-17835
- Goebel, K., Ye Si-Zong, Zhu Yu-Cheng, Liu Gui-Lin, Shao Bei-Bei, Xiao Ting-Han Assessment of the radiological impact of the 50 GeV BPS on its environment 1-45748
- Goebel, R., Gross, K.D., Katterwe, H., Kamm-rath, W. The comparison scanning electron microscope first experiments in forensic application 1-23375
- Goedbloed, J.P., Zakharov, L.E. Helical equilibria of a plasma column with a diffuse current distribution 1-34049
- Goeddel, W.V. *see* Dahlberg, R.C. 1-758
- Goede, O., Muller, R. Calorimetric measurement of luminescence quantum efficiency in crystals 1-48158
- Goedgebeur, J.P., Salcedo, J., Ferriere, R., Vientot, J.C. Communication via electro-optic modulation of white light 1-46588
- Goedgebeur, J.P., Vientot, J.C. Holography and λ -coding 1-37445
- Goedgebeur, J.P., Vientot, J.C., Ferriere, R. Propagation of non monochromatic signals attached to high distortion waveform (non dispersive homogeneous medium) 1-41561
- Goedgebeur, J.P. *see* Vientot, J.C. 1-41555
- Goedgebeur, J.P. *see* Schlenker, M. (editor) 1-36456
- Goedkoop, J.A. INCFE, radioactive waste in small countries 1-28619
- Goeji, J.J.M. *see* De Goeij, J.J.M.
- Goel, B. Response to 'Further comments on "Helium production in stainless steel"' 1-23757
- Goel, D.C. Effect of polymeric additives on the rheological properties of talc-filled polypropylene 1-35300

- Goel, G.C., Jain, D.L. Scattering of plane waves by a penetrable elliptic cylinder 1-46606
- Goel, G.K. see Gupta, A.S. 1-32573
- Goel, M. see Pillai, P.K.C. 1-14199, 1-18322
- Goel, M.K., Rao, B.C.N. Theoretical calculations on the changes in the ionospheric composition and temperature profiles during storms 1-49442
- Goel, M.K., Rao, B.C.N. Theoretical calculations for ionospheric modelling at Delhi for medium solar activity conditions 1-54307
- Goel, P.S. see Sagar, P. 1-49368
- Goel, P.S. see Shukla, P.N. 1-54429
- Goel, R.K., Gupta, S.K., Sharma, S.N. Infrared studies on some di-substituted pyridines 1-33458
- Goel, R.K., Kansal, K.P. Intramolecular force fields and mean amplitudes of vibration of some pyramidal and planar XY_3 type systems 1-41360
- Goel, R.K., Kansal, K.P., Sharma, S.K. Vibrational spectra of 2,6-dichloroanisole 1-14879
- Goel, R.K., Sharma, S.D., Kansal, K.P., Sharma, S.N. Infrared absorption spectra of 2-amino-3-methyl- and 6-amino-2-methylpyridine 1-24131
- Goel, R.K. see Sanyal, N.K. 1-33460, 1-41375
- Goel, R.P., Kellogg, H.H., Larrain, J. Mathematical description of the thermodynamic properties of the systems Fe-O and Fe-O-SiO₂ 1-3710
- Goel, R.P. see Foshacht, D.R. 1-2657
- Goel, T.C. see Akhtar, D. 1-21418
- Goel, V.K. see Walter, S.D. 1-13344
- Goeller, S.V. see von Goeler, S.
- Goenner, H.F. Local isometric embedding of Riemannian manifolds and Einstein's theory of gravitation 1-18097
- Goer, A.M. de see de Goer, A.M.
- Goer, D.B., Kossobutskii, P.S., Shevel, S.G. Non-classical excitonic reflectivity spectra of mixed single crystals of the II-VI group 1-48112
- Goerge, N. see Morris, G.M. 1-19410
- Goerlach, U. see Just, M. 1-50676
- Goertz, C.K. see Parish, J.L. 1-9411
- Goethals, R. see Ardouneau, P. 1-2032
- Goettel, A. see Arvidson, R.E. 1-36207
- Goettle, R.J., IV see Lukachinski, J. 1-35631
- Goetz, F., Egger, J.-P., Grettillat, P., Lunke, C., Schwarz, E., Perrin, C. Pion absorption in the $^{13}C(\pi^+, p)^{12}C$ and the $^{12}C(\pi^+, p)^{11}C$ reactions at 75 MeV 1-10391
- Goetz, F. see Marty, N. 1-23690
- Goetz, K. see Forster, E. 1-29977
- Goetz, L., Sabbioni, E., Marafante, E., Birattori, C., Bonardi, M. Cyclotron production of ^{107}Co for use in metallochemistry of heavy metal pollution 1-21754
- Goetze, C.G. High-temperature properties of some carbon-carbon composites 1-7227
- Goetzl, C.G. High-temperature properties of some reinforced phenolic composites 1-20480
- Goff, A. Hugot-le see Hugot-le Goff, A.
- Goffaux, R. see Coelho, R. 1-48005
- G'offin, E., Meeus, J. Return of the feathered serpent 1-54412
- Goffman, M.M., Yarzhevsky, V.G., Nefedov, V.I. Relative intensities in the He(I) and He(II) photoelectron spectra of benzoyl chloride 1-14959
- Gogadze, G.A., Kulik, I.O. On the effect of structure fluctuations on the penetration depth of longitudinal electric field into a superconducting film 1-3094
- Gogala, B. Torsion and related concepts: an introductory overview 1-9887
- Gogala, B. Rotation and acceleration as parallel transport in a space-time with torsion 1-9888
- Goganov, D.A. see Gimánov, V.P. 1-1014
- Gogatishvili, Ya.M. Patterns of appearance of long-period pulsations at mid-latitudes 1-22633
- Gogawale, S.R., Ghodgaonkar, A.M., Ramani, K., Tillu, A.D. Modified Morse function for the computation of intermolecular distances and construction of potential energy curves for diatomic molecules 1-14833
- Goggi, G. see Conta, C. 1-14418
- Goggin, P.L. see Kemeny, G. 1-2572
- Gogiashvili, G.E., Nanobashvili, S.I., Rostomashvili, G.I., Tsintsadze, N.L. Cyclotron interaction of an electromagnetic wave with a plasma in a uniform magnetic field 1-24982
- Gogish, L.V., Dashevskaya, S.G. Calculation of supersonic separation flow in circular nozzles with abrupt expansion 1-2055
- Gogishvili, O.Sh., Kononykhin, V.S., Lavrinchenko, I.P., Lalykin, S.P., Reznichenko, A.A. The region of homogeneity of germanium monotelluride 1-20411
- Gogna, M.L., Jeffreys, H., Shimshoni, M. Seismic travel times for central Asian epicentres 1-27076
- Gogna, P.K., Chopra, K.L., Mullick, S.C. Photo-thermal performance of selective black nickel coatings 1-21912
- Gogny, D. see Decharge, J. 1-28369
- Gogokhiya, V.V. see Vargin, A.N. 1-33498
- Gogolev, A.Z. see Sagdeev, R.Z. 1-29002
- Gogolin, A.A. Mobility of a small polaron at low temperatures 1-47650
- Gogonenkov, G.N., Zakharov, E.T., El'manovich, S.S. Predicting detailed velocity section from seismic data 1-13609
- Gogonin, I.I. see Kutateladze, S.S. 1-37770
- Gogosov, V.V., Naletova, V.A., Shaposhnikova, G.A. On the construction of models of polarizable disperse and multicomponent media 1-24888
- Gogosov, V.V., Naletova, V.A., Shaposhnikova, G.A. New effects in the flow of two-phase media in an electric field 1-24891
- Gogosov, V.V., Naletova, V.A., Shaposhnikova, G.A. Models of multiphase polarized and magnetized media 1-29757
- Gogosov, V.V., Naletova, V.A., Taktarov, N.G., Chyong Za Binh, Shaposhnikova, G.A. Surface phenomena in ferrohydrodynamics 1-15552
- Gogotsi, G.A. Thermal stress behaviour of yttria, scandia and AlN ceramics 1-21487
- Gogotsi, G.A., Kushnirenko, A.M., Burman, Zh.S., Primak, L.P. Effect of machining on the strength of oxidized ceramic materials 1-43457
- Goh, K.H. see Roy, B.N. 1-25184, 1-53077
- Gohar, I.A., Kleinstuck, K., Kramer, U., Paufler, P. Dislocation etching in V_3Si 1-20218
- Gohar, Y.A. see de Paz, J.F. 1-53534
- Gohhara, K. see Kanou, K. 1-26639
- Gohil, B.S. see Pandey, P.C. 1-44337
- Gohil, R.M. see Petermann, J. 1-38305
- Gohin, A. see DiLella, D.P. 1-25553
- Gohler, D. see Mattes, R. 1-15884
- Gohringer, P. Water heating by means of boiler heat pumps 1-17231
- Gohshi, Y., Kamada, H. Fine structures in sulfur and iron X-ray emission spectra 1-10751
- Goikman, B.D., Buryachenko, V.A. One variant of the topokinetic model of fracture of solids 1-30314
- Goikman, M.S., Shatinskii, V.F., Rybakov, S.V. Increasing the life of 12Kh18N10T steel and EI437B alloy in lithium 1-35438
- Goikman, M.S. see Rybakov, S.V. 1-3987
- Goikman, V.Yu. see Bondarev, K.T. 1-48337
- Goisa, S.N. see Koval', I.F. 1-52162
- Goitein, M. New diagnostic techniques in the service of radiation therapy 1-53926
- Goitein, M. see Urano, M. 1-35836
- Gokalp, A. see Donnelly, T.W. 1-50588
- Gokay, M.C., Cross, L.A. Compact long-life high PRF 722-nm neutral lead vapor laser 1-41720
- Goken, N.A. Retrograde solubility in binary systems 1-25442
- Gokhale, A.M., Iswaran, C.V., Dehoff, R.T. Application of microstructure modelling to the kinetics of recrystallization 1-8333
- Gokhale, A.M., Jena, A.K. Size distribution of grain-boundary precipitates 1-35473
- Gokhale, S.S. see Choudhury, A. 1-22439
- Gokhberg, B.M., Lisin, S.K., Morosov, L.N., Morosov, N.A., Pchelina, A., Chistyakov, L.V., Shigin, V.A., Shubko, V.M. The angular anisotropy of fission fragments with different yields 1-45556
- Gokhberg, Ya.A. see Gur'ev, A.V. 1-3986, 1-16998
- Gokhman, A., Ozyboya, N. The scheme of automatic adjustment of accuracy of the inflatable solar collector 1-17261
- Gokhman, A., Ozyboya, N. On the evaluation of the feasibility of solar collectors for electrical power generation applications 1-17271
- Gokhman, V.L., Kaibiyainen, V.K., Shanina, B.D. Modulation ENDOR in single crystals 1-52868
- Gokieli, R., Zieminski, A. Physics of elementary particles in 1979 1-532
- Gokoh, M. see Ueda, K. 1-17139
- Gola, D. see Oswald, H. 1-36944
- Golab, S. see Cizek, M. 1-52703
- Golan, S. Optimization of the crack tip ultrasonic diffraction technique for sizing of cracks 1-53378
- Golan, S., Adler, L., Cook, K.V., Nanstad, R.K., Bolland, T.K. Ultrasonic diffraction technique for characterization of fatigue cracks 1-48592
- Goland, A.N. see Golovchenko, J.A. 1-38418
- Golanski, A. see Thompson, D.A. 1-52188
- Golant, V.E. Possible plasma diagnostics in a Tokamak by cyclotron absorption of waves 1-38144
- Golas, W. see Deptula, B. 1-50199
- Golas, W. see Staronka, A. 1-42608
- Golay, M. The Geneva seven-colour photometric system 1-9386
- Golban, G.N. see Bulyarskii, S.V. 1-18228
- Golberg, M.A. see Fromme, J.A. 1-19850
- Gol'berg, Yu.A. see Byalyi, V.A. 1-20812
- Gold, E., Hammersley, R.E., Richards, W.G. Possible new interstellar masers 1-9640
- Gold, M. A system for metal recovery and waste water purification. Economically with exchangeable cassettes 1-17035
- Gold, R., Ruddy, F.H., Lippincott, E.P., McElroy, W.N., Roberts, J.H. Neutron emission observed from spent thermal reactor fuel assemblies 1-50783
- Gold, S.H. see McLean, E.A. 1-7004
- Gold, S.H. see Obenshain, S.P. 1-36636
- Gold, T., Soter, S. The deep-Earth-gas hypothesis 1-4478
- Goldacker, H., Hausberger, H., Schmieder, H., Wiese, H. Test runs and operation of sections of the electroreox facility used in the 2nd Pu cycle of the reprocessing plant Karlsruhe (WAK) 1-18864
- Gold'anski, V.I. On the emission of β^+ -delayed proton pairs and two β^+ -delayed protons and α -particles 1-18602
- Gold'anski, V.I., Namiot, V.A. On excitation of isomeric nuclear levels in heated plasma via inverse internal electron conversion 1-45458
- Goldbach, C. see Mazure, A. 1-37152
- Goldberg, A.B. see Maroulis, P.J. 1-40167
- Goldberg, A.B. see Torres, A.L. 1-40169
- Goldberg, B. Errors associated with precision pyranometers on a tilted surface 1-9289
- Goldberg, D.A. see Satchler, G.R. 1-5790
- Goldberg, D.I., Shephard, R.J. Stroke volume during recovery from upright bicycle exercise 1-13271
- Goldberg, H. Pseudospin-glueball production in $\psi \rightarrow \gamma X$, $T \rightarrow \gamma X$, $e^+e^- \rightarrow e^+e^-X$, and $pp \rightarrow X$ 1-14377
- Goldberg, H. see Aaron, R. 1-23494
- Goldberg, H. see Bromberg, C. 1-10266, 1-45364
- Goldberg, H.I. see Gould, R.G. 1-53886
- Goldberg, H.S., Boulanger, F.D. Science for elementary school teachers: a quantitative approach 1-40609
- Goldberg, J. see Dado, S. 1-33206
- Goldberg, J.N. Invariant transformations, conservation laws, and energy-momentum 1-18098
- Goldberg, M. see Aston, D. 1-14399, 1-45297, 1-50442
- Goldberg, M. see Bebek, C. 1-33191
- Goldberg, M. see Chadwick, K. 1-33192
- Goldberg, M. see Forges, P.M. 1-32229
- Goldberg, M. see Gotesman, S.R. 1-10260
- Goldberg, M.B., Broude, C., Dafni, E., Gelberg, A., Gerber, J., Kumbartzki, G.J., Niv, Y., Speidel, K.H., Zemel, A. Two neutron-dominated 10^+ states in ^{134}Ce 1-18542
- Goldberg, M.B. see Gerber, J. 1-16513
- Goldberg, P. see Keston, A.S. 1-26746
- Goldberg, S.J. see Stein, B.E. 1-53785
- Goldberg, S.M., Baird, R.J., Kono, S., Hall, N.F.T., Fadley, C.S. Explanation of XPS core-level angular distributions for single-crystal copper by two-beam Kikuchi-band theory 1-8187
- Goldberg, S.M. see Margolis, R.H. 1-39941
- Goldberg, S.S. see Pluchino, A.B. 1-9245
- Gold'berg, V.Z. A note on the history of research on light nuclei in the boundary region 1-33230
- Goldberg, V.Z. see Artemov, K.P. 1-45472
- Goldblatt, M. see Feisfeld, M.J. 1-14884
- Goldblatt, M. see Feisfeld, M.J. 1-1217
- Goldburg, W.I. see Chou, Y.C. 1-48103
- Goldburg, W.I. see Kim, M.W. 1-16077
- Goldburg, W.I. see Krishnamurthy, S. 1-16049
- Golden, J.F. see Corliss, D.A. 1-10018
- Golden, J.H. Computerizing the laboratory: the importance of system specification 1-44890
- Golden, K.I., Kalman, G., Hammerling, P. Beam-plasma instabilities in a strongly coupled plasma 1-19911
- Golden, K.I. see Shima, Y. 1-19868
- Golden, L.B. see Sampson, D.H. 1-45912, 1-49501
- Goldenberg, D.M., Kim, E.E., DeLand, F.H., van Nagell, J.R., Jr., Javadpour, N. Clinical Radioimmunoassay of cancer with radioactive antibodies to human chorionic gonadotropin 1-4363
- Goldenevzer, A.L. The role of surface bendings in the shell theory 1-6768
- Golderg, S.M. see Kono, S. 1-39214
- Gol'derman, M.A., Kochetov, D.A., Rybin, A.A., Khapilova, T.A. High-speed equipment for impact testing of materials 1-12951
- Goides, L. Measuring cones without fixtures 1-14101
- Goldfarb, A.Z. see Thibau, R.J. 1-8146, 1-21187
- Goldfarb, S. see Bohr, A.H. 1-918
- Goldfarb, S.R. An RGA check-out method using isotope ratios of common gases 1-48772
- Gold'farb, V.A. see Strygin, V.D. 1-8451
- Goldfein, S. Some speculations on biological superconductors, nerve electrical conduction, and retrieval and storage of information 1-8844
- Gol'dfel'd, M.G., Timofeev, V.P., Khalilov, R.I. Effect of orientation in magnetic field on shape of EPR signal II in photosynthetic systems 1-17357
- Goldfinger, A.D. Refraction of microwave signals by water vapor 1-13539
- Goldflam, R., Kowalski, K.L. Particle identity and the optical potential for elastic two-fragment collisions 1-681
- Goldflam, R., Kowalski, K.L. Effective interactions and the coupled reaction channel formalism 1-18574
- Goldhaber, G. Charmed mesons from e^+e^- annihilation 1-45322

- Goldhaber, G. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Goldhaber, G. see Dorfan, J.M. 1-41020
- Goldhaber, G. see Himel, T.M. 1-18482
- Goldhaber, G. see Scharre, D.L. 1-18485, 1-45292
- Goldhaber, M. The question of proton stability 1-45278
- Goldhaber, M., Langacker, P., Slansky, R. Is the proton stable? 1-50428
- Goldhammer, L.J. Qualification test results of the production high efficiency K6-3/4 and K7 silicon solar cells 1-39791
- Goldhammer, L.J., Allan, J.B., Gelb, S.W. Design and flight performance of the Pioneer Venus Multiprobe and Orbiter solar arrays 1-48863
- Goldhirsch, I. Phase operator and phase fluctuations of spins 1-5223
- Goldhirsch, I., Procaccia, I. Statistical mechanics of stationary states. VII. Quantum-mechanical theory with applications to ferromagnets 1-170
- Goldhirsch, I., Procaccia, I. The number of propagating modes in hydrodynamic systems 1-50082
- Goldhirsch, J. Multiyear slant-path rain fade statistics at 28.56 GHz for Wallops Island, VA 1-32487
- Goldhoorn, P. see Harakeh, M.N. 1-23594
- Gordin, E.M., Cox, A.B., Lett, J.T. Correlation of survival with the recombination of DNA structure in X-irradiated L5178Y S/S cells 1-26960
- Gordin, F. see Fisher, A. 1-6984
- Gordin, Yu.A. see Gorodetskii, A.K. 1-32517
- Golding, B., Graebner, J.E. Echo phenomena in disordered solids 1-16000
- Golding, B. see Grasse, D. 1-42431
- Golding, P. see Francey, J.L.A. 1-13086
- Golding, R.M., Pascual, R.O. The effect of vibronic coupling on NMR chemical shifts 1-12418
- Golding, R.M., Stubbs, L.C. The theory of the pseudocoupling contribution to NMR shifts of d^1 and d^2 transition metal ion systems in sites of octahedral symmetry 1-14937
- Golding, T.J. see Cresswell, G.R. 1-13465
- Golinger, J.M., Kang, B.S., Choo, Y.E., Paganelli, C.V., Hong, S.K. Effect of hydrostatic pressure on ion transport and metabolism in human erythrocytes 1-26884
- Golish, E. see Samson, S. 1-406
- Golish, A., Bonomo, F.S., Valero, F.P.J., Goorvitch, D., Boese, R.W. Temperature dependence of HNO_3 absorption in the 11.3- μm region 1-37182
- Golish, A., Cook, G.R., Bonomo, F.S. Quantitative laboratory spectra and spectral line parameters for the ν_2 and ν_3 bands of PH_3 applicable to spectral radiative models of the atmosphere of Jupiter 1-1221
- Golish, A., Gillis, J.R. Spectral line parameters for the $\text{A}^2\Sigma^+\text{X}^2\Pi(0,0)$ band of OH for atmospheric and high temperatures 1-33507
- Golish, A., Hirsh, M. Zone of influence of the streamer at the cathode of a positive point to plane corona discharge in air 1-11610
- Golish, A., Murcray, D.G., Murcray, F.J., Niple, E. High resolution IR balloon-borne solar spectra and laboratory spectra in the HNO_3 1720 cm^{-1} region. An analysis 1-22483
- Golish, A. see Murcray, F.J. 1-17687
- Golish, A. see Sigmund, R.S. 1-21651
- Golish, A.M. see Aspen, F. 1-7787
- Golish, A.M. see Umbach, C.P. 1-52680
- Golish, I. see Avni, Y. 1-13805
- Golish, J.H. see Chung, S.U. 1-14423, 1-41006, 1-45362
- Golish, J.I. see Domokos, G. 1-45220
- Golish, L.M. see Tanaka, K. 1-15605
- Golish, L.M. see Turner, R.E. 1-37552
- Golish, M. see Allen, N.L. 1-20014
- Golish, M. see Crochet, E. 1-11611
- Golish, M.V. see Hafizi, B. 1-42167
- Golish, M. see Tajima, T. 1-38096
- Golish, P.D. see Galligan, J.M. 1-21472
- Golish, R.F. see Shapiro, Y. 1-17351
- Golish, T. see Nieto, M.M. 1-14061
- Golish, Z.A. see Orlov, L.I. 1-27272
- Golish, N. Chart for averaging decibels 1-1744
- Goloni, H. Bimetric Machian gravitation 1-23065
- Goldowsky, M. see Sherman, A. 1-44939
- Goldowsky, M. see Skala, L. 1-13359
- Goldreich, P., Tremaine, S. Disk-satellite interactions 1-32614
- Goldreich, P., Tremaine, S. The origin of the eccentricities of the rings of Uranus 1-54416
- Goldschardt, J.M., Steman, J.H.M. Stopping power applied to a solid superlattice 1-30502
- Goldschmidt, B. The negotiation of the Non-Proliferation Treaty (NPT) 1-769
- Goldschmidt, Y.Y. see Ginsparg, P. 1-28173
- Goldschmidt, Z.B. The 3dng configurations of Ti III 1-45827
- Goldschmidt-Clermont, Y. see Barth, M. 1-41018, 1-45377
- Goldschmidt-Clermont, Y. see Gottgens, R. 1-50472
- Goldshtein, I.P. see Podgorny, Y.V. 1-23272
- Goldshtein, V.Ya. Development of single-component textures upon secondary recrystallization of silicon iron 1-8325
- Goldshtein, V.Ya., Gershman, R.B., Suvorova, G.A. Effect of secondary disperse phases on texture formation of deformed Fe-3% Si single crystals 1-8329
- Goldshtein, V.Ya., Paschenko, S.V., Grazhdankin, S.N., Nitskaya, S.G., Vladimirov, S.M. Structure formation during hot rolling of the alloy Fe-3% Si 1-39349
- Goldshtein, V.Ya., Savinskaya, A.A. Texture formation upon recrystallization in transition bands of deformed Fe-3% Si single crystals 1-8327
- Goldshtein, Ya.E., Mushtakova, T.L., Komissarova, T.A. Effect of selenium on the structure and properties of structural steel 1-8430
- Goldshtik, M.A. see Vaisman, A.M. 1-30298
- Goldsmid, H.J. see Savvides, N. 1-47310
- Goldsmith, A.D. see Loewenstein, A. 1-41400
- Goldsmith, B.J. see Orton, J.W. 1-12213
- Goldsmith, J.E.M., Lawler, J.E. Optogalvanic spectroscopy 1-50226
- Goldsmith, J.R. Thermal stability of dolomite at high temperatures and pressures 1-40120
- Goldsmith, P.F., Langer, W.D., Schloerb, F.P., Scoville, N.Z. High angular resolution observations of CS in the Orion Nebula 1-9617
- Goldsmith, P.F. see Wilson, R.W. 1-49775
- Goldsmith, S. see Boxman, R.L. 1-34147
- Goldsmith, S. see Shalev, S. 1-42205
- Goldsmith, W. see Barez, F. 1-46687
- Goldsmith, W. see Lubock, P. 1-49033
- Goldstein, A. see Insana, M.F. 1-22086
- Goldstein, A. see Langrill, L.N. 1-27039
- Goldstein, B., Szostak, D.J. Surface photovoltage, band-bending and surface states on a-Si:H 1-16338
- Goldstein, D., Mead, J. Total respiratory impedance immediately after panting 1-22028
- Goldstein, G.R., Maharana, J. The effects of configuration mixing on excited charmonium decays 1-28298
- Goldstein, G.R., Maharana, J. Diquark constituents of baryons and baryonium 1-36842
- Goldstein, J.A. see Aiken, J.G. 1-28841
- Goldstein, J.H. see Bechtold, W. 1-21065
- Goldstein, L., Jr., Carvalho, A.V., Jr., Trindade, S.C., Bonomi, A. Fermentation ethanol as a petroleum substitute 1-53684
- Goldstein, L., Jr. see Orlando, A.F. 1-17273
- Goldstein, M., Greenspan, E. A recursive Monte Carlo method for estimating importance function distributions in deep-penetration problems 1-23708
- Goldstein, M.E. The coupling between flow instabilities and incident disturbances at a leading edge 1-51738
- Goldstein, P. see Staewen, W.S. 1-22083
- Goldstein, R., Filstein, E.L., Berte, F.J. A nonlinear correlation analysis of reactor operating data 1-10454
- Goldstein, R. see Berte, F.J. 1-18814
- Goldstein, R. see Vivion, M.C. 1-43883
- Goldstein, R.J. see Eckert, E.R.G. 1-33956
- Goldstein, S., Penrose, O. A nonequilibrium entropy for dynamical systems 1-40744
- Goldstein, S. see Durr, D. 1-40710
- Goldstein, S.A. see Colombant, D.G. 1-6972
- Goldstein, S.A. see Mendel, C.W., Jr. 1-42186
- Goldstein, S.A. see Ottinger, P.F. 1-38121
- Goldstein, S.R., Bonner, R.F., Dedrick, R.L., Grantham, F.H., Gullino, P.M., Gibson, C.C., McGuire, D.A. Fiber optic microfluorimetry for acute and chronic in-vivo animal studies 1-22177
- Goldstein, V.A., Kuplennikov, E.H., Jibuti, R.I., Kezerashvili, R.Ya. Quasielastic scattering of electrons by ^4He with the detection of ep coincidences 1-50586
- Goldstein, Y., Many, A., Wagner, I., Gersten, J. ELS studies of quantized accumulation layers on ZnO surfaces 1-12613
- Goldstein, Y. see Barzilai, S. 1-47888
- Goldston, R. see Meservy, E.B. 1-24992
- Goldston, R.J. see Strachan, J.D. 1-45729
- Goldthorpe, W.H. Spectral geometry and $\text{SO}(4)$ gravity in a Riemann-Cartan spacetime 1-5210
- Goldtone, J.A., Garmire, E.M. On the dynamic response of nonlinear Fabry-Perot interferometers 1-46430
- Goldzhi, L. see Bizard, G. 1-5784
- Gole, J.L. see Hanner, A.W. 1-37310
- Gole, J.L. see Patel, R.I. 1-26749
- Gole, J.L. see Richtmeyer, S.C. 1-51112
- Golebiewski, A., Wasielewska, E. New interpretation of spectral and photochemical properties of $[\text{Fe}(\text{CN})_5\text{NO}]^{2-}$ 1-10666
- Goleby, A.B. see Ferguson, J. (editor) 1-9772
- Golecki, I., Kinoshita, G., Gat, A., Paine, B.M. Recrystallization of silicon-on-sapphire by CW Ar laser irradiation: comparison between the solid- and the liquid-phase regimes 1-38678
- Golemshtok, G.M., Fabrikant, A.L. Scattering and amplification of sound waves by a cylindrical vortex 1-19485
- Golenetskii, S.V. see Mazets, E.P. 1-9731, 1-13796, 1-22929
- Golenishchev-Kutuzov, V.A., Migachev, S.A. Occurrence of negative spin temperatures due to nonresonant acoustic interactions 1-21073
- Golenishchev-Kutuzov, V.A. see Bogdanova, Kh.G. 1-21025
- Golestaneh, A.A. Energetic shape recovery associated with martensitic transformation in shape-memory alloys 1-3733
- Goletskaya, A.D. see Sologub, V.V. 1-34625
- Goley, V.K., Yankulova, I.M., Petrov, G.T. Preliminary spectrophotometric investigation of the NGC 5929 nucleus 1-9672
- Goley, V.K. see Yankulova, I.M. 1-22899
- Golic, L. see Drofenik, M. 1-30160
- Golik, L.L., Kun'kova, Z.E., Aminov, T.G., Kalinikov, V.T. Magneto-optic properties of CdCr_2Se_4 single crystals near the absorption edge 1-3375
- Golikov, V.A. see Vodolazskii, L.A. 1-22084
- Golikov, Yu.K., Cheparukhin, V.V., Utkin, K.G. Focusing of a meridional flux in a difference field 1-1472
- Golikov, O.A., Orlov, V.M., Panteleeva, G.V., Tazhiev, A.A., Dzhabarov, E.O. Investigation of some electrical properties of rare-earth borides MB_6 1-30751
- Golizdra, G.Ya. On the southern extension of meridional crustal structure of the Ukrainian Shield central part 1-4470
- Golizdra, G.Ya. On making qualitative estimates of the isostasy of plain regions 1-22316
- Golja, B., Nassibian, A.G. Annealing of Si-SiO₂ interface states using Ar-ion-implant-damage-gettering 1-12165
- Golja, B., Nassibian, A.G., Cohen, D. Proton-induced X-ray emission studies of generation impurities in silicon 1-52168
- Golka, J., Mahler, G. Theory of topologically disordered systems. I. Random cell model 1-30252
- Goll, J., Haken, H. Theory of optical bistability of excitons 1-11039
- Gollandskil, O.P. A simple procedure for digital filtration of observational data 1-22689
- Goller, B. Dynamic deformations of thin spherical shells based on analytical solutions 1-41975
- Golli, B. see Cvetic, M. 1-28303
- Golli, B. see Cvetic-Krivic, M. 1-50427
- Gollin, G.D. see Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Gollub, J.P., Benson, S.V. Many routes to turbulent convection 1-11395
- Golmayo, D. see Aranovich, J.A. 1-3004
- Golnabi, H. see Collins, C.B. 1-37279
- Gol'nev, V.Ya. see Berlin, A.B. 1-17898
- Golo, V.L., Putko, B.A. Reduction of two-dimensional G-invariant α -models 1-18362
- Goloborod'ko, A.V. see Kononchuk, G.L. 1-31198
- Goloborod'ko, S.A. see Podil'chuk, Yu.N. 1-19576
- Golokhrastov, A.I. see Aksinenko, V.D. 1-18662
- Golokhrastov, A.I. see Bartke, E. 1-5664
- Golokhrastov, N.N. see Petrash, V.V. 1-49136
- Golomazov, M.M., Ezhkov, V.V. Interaction of the immersed jets with obstacles 1-19772
- Golomazov, M.M., Zyuzin, A.P. Behavior of sonic lines in a shock layer behind a detached shock wave 1-2022
- Golomazov, V.M. see Zubarev, P.V. 1-16835
- Golomka, L.J., Nitsch, K. AC conduction in thick film dielectric composites 1-52557
- Goloschchapov, A.N., Burlakova, Ye.B. Investigation of thermo-induced structural transitions in membranes of the organs of animals given anti-oxidants and during malignant growth 1-35757
- Goloschchapov, V.N. see Matsevityi, Yu.M. 1-11398
- Golosov, N.S. see Potekaev, A.I. 1-2463
- Golosova, L.V. Use of glass fiber containing zirconium dioxide in fibrocement manufacture 1-48314
- Golovachev, V.I., Gusev, S.S., Serkov, V.K., Kozlov, V.S., Znachennok, E.A. Automated calculation of optical constants in the infrared 1-8030
- Golovachev, V.I. see Stas'kov, N.I. 1-53008
- Golovachev, V.I. Estimates of nonequilibrium radiative heating of blunt bodies in a hypersonic flow of carbon dioxide gas 1-19836
- Golovachev, Yu.P. Nonequilibrium hypersonic flow of carbon dioxide gas over blunt bodies 1-19747
- Golovachov, Yu.P., Linkin, Yu.P., Myrmin, V.F., Schmidt, A.A. Supersonic motion of bodies in dusty gas 1-11442
- Golovan, S.A., Salmin, A.V. On the resolution estimation of a ring laser used as an absolute angular velocity sensor 1-240
- Golovanivskii, K.S., Dugar-Zhabon, V.D., Karyaka, V.I., Milant'ev, V.P., Turikov, V.A. Plasma injection and capture at electron cyclotron resonance in a mirror system with additional RF fields 1-25049
- Golovanivskiy, K.S., Kabilan, A.P. A new approach to the problem of electron-atom collision cross section measurements in the low-energy range 1-34043
- Golovanov, A.L. see Orlov, L.P. 1-6900

- Golovanov, M.V., Deryagin, B.V.** Repulsive forces originating from certain biological cells when placed in a concentrated electrolyte solution 1-8827
- Golovanov, V.A.** see Vishnyakov, B.A. 1-48684
- Golovanov, V.F.** see Artyushenko, V.G. 1-51575
- Golovanov, V.P.** Installation for the continuous recording of changes in volume during the process of deformation 1-26691
- Golovanov, V.V., Kebabdz, B.V.** Determination of the structure of liquid-metal flow by statistical processing of signals from magnetic flowmeters 1-2112
- Golovaty, V.V., Pronik, V.I., Yatsyk, O.S.** The abundance of helium, oxygen, and neon in planetary nebulae 1-32526
- Golovchenko, J.A., Goland, A.N., Rosner, J.S., Thorn, C.E., Wegner, H.E., Knudsen, H., Moak, C.D.** Charge state dependence of channeled ion energy loss 1-38418
- Golovchenko, J.A.** see Cowan, P.L. 1-8455
- Golovchenko, J.A.** see Flamm, D.L. 1-31696
- Golovin, A.E.** see Somenkov, V.A. 1-3217
- Golovin, A.M., Natiyaganov, V.L.** Diffusion to a particle at large Peclet numbers and small Reynolds and Hartmann numbers 1-38017
- Golovin, A.V., Akopyan, M.E., Vilesov, F.I., Sergeev, Yu.L.** Differential photoelectronic spectrometer with a retarding grid 1-18331
- Golovin, B.M., Kushniruk, V.F., Permyakova, L.A.** Inversion mechanism for formation of input "window" of silicon surface-barrier nuclear radiation detectors 1-37060
- Golovin, G.T.** see Vereshchagin, I.P. 1-15705
- Golovin, G.A., Kuzmenko, V.A., Petrushin, G.D., Pis'menny, N.N., Renne, I.I.** Damping capacity of cast iron with different shapes of graphite inclusions 1-42461
- Golovin, S.A., Renne, I.I., Petrushin, G.D.** Peculiarities of the distribution of local microdeformations in cast iron with different forms of graphite 1-12823
- Golovin, S.V.** see Alekseev, V.N. 1-51489
- Golovin, V.P.** see Platonov, P.A. 1-28603
- Golovin, Yu.L., Kiperman, V.A.** Concentration of electric and heat fields at sharp defect tips in metals 1-2562
- Golovin, Yu.M.** see Ekonomov, A.P. 1-9400
- Golovina, E.S.** The gasification of carbon by carbon dioxide at high temperatures and pressures 1-21703
- Goloviznin, V.M., Kurtmullaev, R.Kh., Semenov, M.Y., Gasilov, V.A., Favorsky, A.P., Shashkov, M.V.** Numerical simulation of dynamics of quasispherical metallic liner 1-34113
- Goloviznin, V.V., Efremov, A.V., Shchelkachev, A.V.** Electromagnetic corrections to the strong interaction 1-50330
- Goloviznin, V.V.** see Sidorovich, V.A. 1-1347
- Golokhin, S.V.** see Dzhelyadin, R.I. 1-23503, 1-45369
- Golokhin, S.V.** see Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Golovko, A.S.** see Konovalov, O.S. 1-36710
- Golovko, B.I.** see Fomin, G.A. 1-31334
- Golovko, L.F.** see Kovalenko, V.S. 1-43593
- Golovko, M.F.** see Yuhnovskii, I.P. 1-19157, 1-34456
- Golovko, M.F.** see Yuhnovskii, I.P. 1-29078
- Golovko, V.A.** Thermodynamics in quantum-statistical theory of a crystal 1-30087
- Golovko, V.A.** Equations with a self-consistent field in quantum-statistical theory of a crystal 1-52461
- Golovko, V.F.** see Subbotin, V.I. 1-28529
- Golovkov, V.K.** see Aleksandrov, Yu.N. 1-13717
- Golovkova, S.I., Gurvich, A.M., Ill'ina, M.A., Soschkin, N.P.** Effect of exciting-radiation photon energy on roentgenoluminescence spectrum of crystal phosphors 1-8120
- Golowacz, H., Marks, J., Konarski, P.** Secondary ion mass spectrometry 1-13063
- Golowich, E.** Two-body decays of the nucleon 1-556
- Golowich, E.** see Donoghue, J.F. 1-50395
- Golowin, S., Wlassow, W.** Properties of iron-carbon alloys under thermal and deformed aging conditions 1-26503
- Golsnoi, O.V.** see Azovtsev, V.P. 1-32960
- Golton, E.** Calibration and image processing software for the Space Telescope Faint Object Camera 1-27394
- Golton, I.C.** see Finney, J.L. 1-8806
- Goltsev, A.P.** see Bryksin, V.V. 1-20995
- Goltsev, V.P., Dolgov, V.M., Draguchenko, M.A.** Behaviour of radionuclides in the APS circuit with the dissociating N_2O_4 coolant 1-18734
- Golt'siker, A.D.** see Tarakanov, S.V. 1-29725
- Golt'sman, B.M.** see Boikov, Yu.A. 1-20888
- Goltsov, V.A., Machikina, I.Yu., Timofeev, N.I.** Hydride-induced ductility of hydrogen phase-hardened metals and alloys 1-43423
- Goltsov, V.O., Machikina, O.Yu.** On hydride plasticity of hydrogenized palladium 1-39367
- Golub, A.Y., Svatko, S.V.** Thermal conductivity small low density weak solid solutions of ^3He in ^4He 1-2763
- Golub, A.P., Nemchinov, I.V.** Time of appearance of a plasma due to action of laser radiation of different wavelengths on an aluminum target in air 1-53020
- Golub, L., Rosner, R., Vaiana, G.S., Weiss, N.O.** Solar magnetic fields: the generation of emerging flux 1-49587
- Golub, L.** see Gergely, T.E. 1-4899
- Golub, L.** see Serio, S. 1-49585
- Golub, N.S.** see Arbuzov, M.P. 1-20131
- Golub, R., Pendlebury, J.M., Mampe, W., Age-ron, P.** Ultracold neutrons 1-50706
- Golub, S.F., Znachenko, M.P., Nakaidze, D.M., Predko, K.G.** Modulation transfer function of focons 1-41857
- Golub, T.V.** see Polotskii, I.G. 1-8361
- Golub, V.N.** see Krutikhovskaya, Z.A. 1-27058
- Golub, V.P.** An approach to the determination of cyclic creep strain 1-7246
- Golub, V.P.** see Ishchenko, I.I. 1-12868
- Golubenko, A.N.** see Smirnova, T.P. 1-43327
- Golubenko, T.I.** see Datsko, O.I. 1-42463
- Golubentseva, L.I.** see Zvezdova, N.P. 1-2438
- Golubev, A.A.** see Barabash, A.S. 1-37050, 1-51039
- Golubev, A.I.** see Averb'yanov, I.K. 1-41043
- Golubev, I.F., Vasil'kovskaya, T.N., Zolin, V.S.** Experimental study of the density of aliphatic alcohols at various temperatures and pressures 1-52207
- Golubev, L.V., Vodop'yanov, L.K.** Long-wavelength optical phonons in crystals with the TiSe structure 1-20333
- Golubev, L.V.** see Allahverdiev, K.R. 1-31449
- Golubev, S.G., Lokhov, Yu.N., Fevskii, Yu.D.** Breakdown of ionic dielectrics by laser radiation 1-8001
- Golubev, V.G.** see Herrmann, R. 1-34612
- Golubev, V.S.** see Bondarenko, A.V. 1-1590
- Golubev, Yu.M., Plimak, L.I.** Beating arising on the superposition of "white" electromagnetic noise and spontaneous radiation from a resonance medium 1-6925
- Golubeva, L.G.** see Podbereskaya, N.V. 1-30183
- Golubeva, M.B.** see Barabanov, I.R. 1-45543
- Golubeva, N.G.** see Kondienko, I.I. 1-33471
- Golubinski, A.V.** see Mastryukov, V.S. 1-6128, 1-33574
- Golubitskii, B.M., Levin, I.M.** Transmission and reflection of a layer of medium with strong anisotropic scattering 1-44202
- Golubitskii, B.M., Zadorina, N.V., Tantashev, M.V.** Use of Monte Carlo method for calculating the transmission of optical lens hoods 1-37593
- Golubuk, V.B.** see Gerasimov, A.B. 1-30275
- Golubuk, V.V.** see Vasil'yevskaya, T.N. 1-47011
- Golubnichii, P.I., Dyadushkin, P.I., Kalyuzhnyi, G.S., Korchikov, S.D., Kudlenko, V.G.** Laser cavitation in liquid nitrogen 1-15519
- Golubnichii, P.I., Gromenko, V.M., Filonenko, A.D.** Observation of light flashes resulting from the focusing of a converging shock wave in a spherically symmetric collapsing vapor cavity in a liquid 1-3493
- Golub'yatnikov, A.N.** Strong explosion and reorganization of the equilibrium configuration during relativistic gravitational collapse 1-23074
- Golyaev, Yu.D.** see Smyslyayev, S.P. 1-33724
- Golyamina, I.P.** see Vaysh, V.R. 1-37754
- Golyshkov, A.N.** see Balygin, A.K. 1-53019
- Golyshkov, V.A.** Calculation of differential cross sections and polarization parameters for inelastic scattering of nucleons by deuterons 1-50574
- Golz, W.** see Bebermeier, H. 1-39804
- Gomaa, M.A., Kasim, S.A.** Neutron personnel dosimetry using a CR-39 carbonate plastic detector 1-18969
- Gomay, Y.** see Hager, E.R. 1-2248
- Gomber, K.L.** see Yadav, J.S. 1-23945
- Gomberoff, L., Cuperman, S.** On the kinetic instabilities of uniform magnetized plasmas with generalized loss-cone distribution functions 1-42157
- Gomberoff, L., Cuperman, S.** Effect of thermal anisotropy on the loss-cone produced high-frequency quasi-electrostatic ion cyclotron waves in mixed warm-cold plasmas 1-42158
- Gombert, D., Priebe, S.J., Berreth, J.R.** Microwave energy for post-calcination treatment of high-level nuclear wastes 1-14683
- Gombert, M.M.** see Minno, H. 1-46851
- Gombia, E.** see Franzosi, P. 1-35186
- Gombler, W.** ^{13}C and ^{19}F -NMR spectra of compounds of the type $\text{E}=\text{CX}_2$ ($\text{E}=\text{O}, \text{S}, \text{Se}; \text{X}, \text{Y}=\text{halogen}, \text{SCF}_3$) 1-45994
- Gombler, W.** see Oberhammer, H. 1-29140
- Gomboev, N.Ts.** see Boronoev, V.V. 1-32493, 1-33620
- Gombosi, T.I., Owens, A.J.** The interplanetary transport of solar cosmic rays 1-22644
- Gomelauri, G.V., Epifanov, A.S., Manenkov, A.A., Prokhorov, A.M.** Statistical peculiarities of avalanche ionization of wide-band dielectrics by laser radiation under conditions of a deficiency of bare electrons 1-34987
- Gomelauri, G.V.** see Bagdasarov, Kh.S. 1-33732
- Gomel'skii, K.Z., Luginina, V.F., Sennikova, V.N.** Methods of certifying standard specimens for thermodynamic parameters [specific heat] 1-6755
- Gomer, R.** see Banavar, J.R. 1-2818
- Gomer, R.** see Lanning, H. 1-36337
- Gomes, J.E.L., Huntz, A.M.** Comparison of the kinetics and morphological properties of titanium, Ti-1.5Ni and Ti-2.5Cu during oxidation in pure oxygen between 600 and 820°C 1-35431
- Gomes, P.R.S., Byrne, J.** Measurement of the transverse polarisation of K-shell photoelectrons produced by 662 keV unpolarised photons in gold 1-12626
- Gomes, W.P.** see Laflere, W.H. 1-7732
- Gomes, W.P.** see Van Steertegem, G. 1-47742
- Gomez, A.** A gold decoration study of the Suzuki phase 6NaCl-MnCl_2 in NaCl 1-20409
- Gomez, A.E., Grenier, S., Jaschek, M., Jaschek, C., Heck, A.** The absolute magnitude of the Am stars 1-36298
- Gomez, J.L.** Sanchez see Sanchez Gomez, J.L.
- Gomez, M.T.** see Caccin, B. 1-27440
- Gomez, R.** see Bromberg, C. 1-10266, 1-45364
- Gomez Balboa, A.M., Lepine, J.R.D.** W Hydraz 1-9535
- Gomez-Fernandez, J.C.** see Chapman, D. 1-9058
- Gomez-Polledo, R., Jimenez-Diaz, B., Mediola-Diaz, J., Alemany, C., Maurer, E.** Photovoltaic effect in SBN and PLN ceramic ferroelectrics 1-25753
- Gomi, M., Abe, M., Nomura, S.** Faraday rotation of rare earth ions in orthoferrites 1-8045
- Gomi, T., Hirose, Y., Kurosu, T., Shiraishi, T., Iida, M., Gekka, Y., Kunioka, A.** Electrical and optical properties of chalcogenide amorphous semiconductors modified with Ni 1-20730
- Gomide, F.M.** Dirac's relations involving the cosmological constant and no time-varying physical quantities 1-23064
- Gomide, H.A.** see Burger, C.P. 1-43387
- Gomis, J., Poch, A., Pons, J.M.** Poincare wave equations as Fourier transforms of Galilei wave equations 1-9844
- Gomis, J., Pons, J.M.** Bargmann-Wigner method and $(6s+1)$ -component wave equations 1-23437
- Gomis, J.** see Dominić, D. 1-49939
- Gomonnai, A.V., Koperles, B.M., Gurzan, M.I.** Thermal expansion of $\text{Sn}_2\text{P}_2\text{S}_6$ and SbS_2 crystals near ferroelectric phase transitions 1-2664
- Gomoyunova, M.V., Zaslavskii, S.L., Pronin, I.I.** Importance of diffraction effects in quantitative Auger spectroscopy of crystals 1-35593
- Gon, H.B., Rao, K.V.** Dielectric properties of silver iodide 1-47994
- Gon, J.J.** Denier van der see Denier van der Gon, J.J.
- Goncalves, A.M.** see Santos, F.D. 1-28460
- Goncalves, E.S.** Structured laboratory versus unstructured: a comparative study of a conventional course 1-32822
- Goncalves, E.S.** see Moreira, M.A. 1-32821
- Goncalves da Silva, C.E.T.** Electronic structure of a model grain boundary 1-2919
- Goncalves da Silva, C.E.T.** Electronic structure of the (130) symmetric tilt grain boundary in an FCC metal 1-34654
- Goncalves da Silva, C.E.T., Koiller, B.** Dynamic response of a disordered ferromagnetic chain: alloy transfer matrix approximation 1-16431
- Gonchar, V.F.** see Sharygin, L.M. 1-39675
- Gonchar, V.Yu.** see Kirichenko, Yu.V. 1-675, 1-14483
- Goncharenko, A.B.** see Vasil'ev, M.A. 1-3555, 1-8178, 1-35138
- Goncharenko, L.G.** see Verkin, B.I. 1-47221
- Goncharov, A.F.** see Allahverdiev, K.R. 1-8073
- Goncharov, A.F.** see Vinogradov, E.A. 1-2626
- Goncharov, A.G.** see Efimenko, S.A. 1-45097
- Goncharov, A.I., Fomichev, A.G.** Apparatus to measure dynamic deformations and pressures 1-13593
- Goncharov, A.S., Kazakov, V.M., Kozlov, O.V.** Traveling-wave electron detector 1-1016
- Goncharov, A.V.** see Bondar', V.I. 1-20026
- Goncharov, K.S., Kuzmenko, V.A., Remaev, V.V.** Investigation of the cross section of isomer production in α -particle induced reactions 1-5679
- Goncharov, L.A., Kervaishevili, P.D.** Behavior of silver present as impurity in germanium 1-34365
- Goncharov, V.A., Levitov, V.I., Raskatova, T.A.** On the cold helium breakdown mechanism in sharply non-uniform field 1-15589
- Goncharov, V.G., Novikov, I.I., Roshchupkin, V.V.** Vacancy effects in multicomponent alloys 1-47255
- Goncharov, V.N.** see Fomin, G.A. 1-31334
- Goncharov, V.P.** Radiation of internal gravity waves into the atmosphere by surface waves 1-9207
- Goncharov, V.V.** see Verstakov, E.S. 1-7993
- Goncharova, E.V., Kaminskii, V.V., Kapustin, V.A., Smirnov, I.A.** Defects and isomorphous semiconductor-metal phase transition in samarium monosulphide 1-47473

- Goncharova, N.G., Zhirkovskiy, F.A., Mulci, M., Shitikova, K.V., Shirokova, A.A. Fine structure of giant multipole resonances of ^{60}Ni nucleus 1-50566
- Goncharova, N.G. *see* Vladimirov, V.A. 1-33218
- Goncharova, N.I. *see* Baganov, V.I. 1-49147
- Goncharova, N.S. *see* Mikhailov, V.V. 1-36643
- Goncharova, V.A. *see* Voronov, F.F. 1-34395, 1-34397
- Gonchond, J.P., Fournier, J.M., Georges, A., Bois, D., Pecoud, L. EBIC studies of defects in passivated p/n junctions [MOS structures] 1-20229
- Gonchukova, N.O. Calculation of the relaxation part of the thermal capacity of $0.6\text{PbO} \cdot 0.4\text{SiO}_2$ glass using the structural relaxation model equation 1-16058
- Gonchukova, N.O. Calculation of the stresses produced in a glass by heat treatment 1-16823
- Goncic, B. *see* Jokic, T. 1-28768
- Gonczarek, R. Gaps in the spinless collective excitations of $^3\text{He-B}$ in the presence of the dipole forces 1-16130
- Gonczarow, W. *see* Fleszynski, J. 1-3329
- Gonczy, J. *see* Wang, S.-T. 1-48881
- Gonda, S. *see* Ebisawa, S. 1-21905
- Gonda, S. *see* Itoh, A. 1-21897
- Gondaira, K.I. *see* Isshiki, Y. 1-38832
- Gondaira, K.I. *see* Oguchi, T. 1-2869
- Gondaira, K.I. *see* Terasawa, H. 1-12523
- Gondhalekar, P. *see* Brown, A. 1-49655
- Gondhalekar, P.M., Willis, A.J., Morgan, D.H., Nandy, K. Ultraviolet studies of the Magellanic Clouds. I. Interstellar lines in the spectra of FD 70 and SK-71-45-1-27611
- Gondhalekar, P.M. *see* Nandy, K. 1-27529
- Gondi, P. *see* Cavallini, A. 1-52522
- Gondra, A.D., Kozlov, N.A. Radial inhomogeneity of excitation of various dyes in a cylindrical cuvette 1-15166
- Gondrand, J.C. *see* Nguyen Van Sen 1-23701
- Goned, A., Wahab, S.A., Hindawi, S. Energy dependence of pp total cross section for cosmic ray data 1-45347
- Gonella, J. *see* Luyten, J.R. 1-27212
- Gonella, L. Problems in theory of measurement today 1-23148
- Gong, E.Y. *see* Norris, D.M., Jr. 1-824
- Gong Gao Jian *see* Jiao Gong Gao
- Gong Zhong-lin *see* Zhou Le-zhu 1-51436
- Gonggrijp, S. *see* van Driel, J. 1-33271
- Gongora T., A. *see* Levy-Koo, E. 1-5161
- Goni, F.M. *see* Chapman, D. 1-9058
- Gonidec, A. *see* Aubert, B. 1-14748
- Gonnenwein, F. *see* Oed, A. 1-28773
- Gono, Y., Hiruta, K., Nomura, T., Ishihara, M., Utsunomiya, H., Sugitane, T., Ieki, K. In-beam α - and γ -ray spectroscopy for ^{214}Rn 1-50544
- Gonor, A.L., Likhachev, V.N. One-dimensional nonstationary motions of a liquid 1-51785
- Gonord, P. *see* Courtieu, J. 1-52851
- Gonser, U. *see* Hagemann, H.-J. 1-7185
- Gonser, U. *see* Iro, H. 1-31069
- Gonser, U. *see* Kern, R. 1-16277
- Gonser, U. *see* Nasu, S. 1-26089
- Gonser, U. *see* Wagner, H.G. 1-31073
- Gonthier, P. *see* Ho, H. 1-14536
- Gontier, Y., Trahin, M. Energetic electron generation by multiphoton absorption 1-19065
- Gontsa, V.F., Alekseenko, A.I., Faitelson, L.A. Influence of the rigidity of the dynamometer, specimen, and equipment on the measurement of the first difference of normal shear stresses 1-15459
- Gonusek, M. *see* Adam, I. 1-636
- Gonyayev, V.V. Generally covariant kinetic equation for photons 1-5197
- Gonzales-Gascon, F., Rodriguez-Camino, E. On the first integrals of certain dynamical systems 1-17988
- Gonzalez, A.C. *see* Becher, P.F. 1-3789
- Gonzalez, A.E., Muto, S. An approximate treatment of polymer gelation in a solvent 1-24297
- Gonzalez, A.E., Reynolds, P.J. Universality of 'four-coordinated' correlated percolation and random percolation 1-27898
- Gonzalez, A.L.C. *see* Gonzalez, W.D. 1-22637
- Gonzalez, A.M. Mechanical analysis of nuclear fuel using DIMCO-C system 1-28591
- Gonzalez, E. *see* Palma, A. 1-1274
- Gonzalez, F. Diaz *see* Diaz Gonzalez, F.
- Gonzalez, F.J. The ternary system $\text{MgO-Al}_2\text{O}_3\text{-P}_2\text{O}_5$ 1-26433
- Gonzalez, H.C., Bisogni, E.A. Radiation hardening at 77K in Zn and Cu single crystals at low doses 1-26565
- Gonzalez, J.A., Algaba, S., Andrade, C. Corrosion of reinforcing bars in carbonated concrete 1-39479
- Gonzalez, J.M. *see* Giro, A. 1-7072
- Gonzalez, L., Vano, E., Calzado, A. Influence of the shielding and the collimation in the behaviour of an X-ray fluorescence spectrometer 1-18349
- Gonzalez, R. *see* Bhat, S.P. 1-3768
- Gonzalez, W.D., Gonzalez, A.L.C. Influence of the B_z component of the interplanetary magnetic field on magnetopause reconnection 1-22637
- Gonzalez B., S.F., Warman, J., Pena, J.H. Observational stability in Am stars 1-9518
- Gonzalez de la Campa, J.I., Barrales-Rienda, J.M. Order to poly(N-(10-n-alkyloxy-carbonyl-n-decyl)-maleimides) 1-38308
- Gonzalez de la Campa, J.I., Barrales-Rienda, J.M., Gonzalez Ramos, J. Side-chain crystallinity, heat of melting, and thermal transitions in poly[N-(10-n-alkyloxy-carbonyl-n-decyl)-maleimides] (PEMI) 1-52087
- Gonzalez Posa, C. *see* Lopez Fonseca, J.M. 1-48733
- Gonzalez Ramos, J. *see* Gonzalez de la Campa, J.I. 1-52087
- Gonzalez Tejuca, L. *see* Tascon, J.M.D. 1-20572, 1-20573
- Gonzalez Urena, A. *see* Aioz, F.J.L. 1-4050
- Gonzalez-Arroyo, A., Lopez, C., Yndurain, F.J. Testing QCD predictions beyond the leading order for non-singlet structure functions in neutrino scattering 1-10143
- Gonzalez-Arroyo, A., Lopez, C., Yndurain, F.J. Violations of the Callan-Gross relation as a function of x, Q^2 from QCD 1-23478
- Gonzalez-Arroyo, A. *see* Daum, C. 1-28357
- Gonzalez-Caballero, F., Hidalgo-Alvarez, R., Bruque, J.M., Pardo, G. Non-linear coefficients for electroosmotic transport of alcohols through porous diaphragms 1-35575
- Gonzalez-Calbet, J.M., Alario-Franco, M.A., Gayoso-Andrade, M. The porous structure of synthetic akaganeite 1-52118
- Gonzalez-Diaz, P.F. *see* Garcia-Fernandez, P. 1-31154
- Gonzalez-Fernandez, C.F., Hayas, A. Obtaining functional relationships 1-40641
- Gonzalez-Gascon, F. Some results and open problems concerning symmetries, first integrals and limit cycles of dynamical systems 1-454
- Gonzalez-Gascon, F. Causality, faster than light signals and clock-synchronization 1-5101
- Gonzalez-Gascon, F. Symmetries and differential equations. III. The inverse problem 1-5178
- Gonzalez-Gascon, F. Some warnings about classical magnetic poles 1-5501
- Gonzalez-Gascon, F., Moreno-Insertis, F., Rodriguez-Camino, E. The inverse problem of nonlinear dynamical systems: a constructive approach 1-5095
- Gonzalez-Gascon, F., Rodriguez-Camino, E. Differential forms and invariant sets of dynamical systems 1-52
- Gonzalez-Gascon, F., Rodriguez-Camino, E. On a new first integral of certain dynamical systems and its applications to recent results concerning first integrals of Newtonian systems 1-14002
- Gonzalez-Oliver, C.J.R., James, P.F. Internal and platinum initiated crystallization in $\text{Na}_2\text{O} \cdot 2\text{CaO} \cdot 3\text{SiO}_2$ glasses: early stages of growth 1-15805
- Gonzalo, C., Aguilar, M., Jaque, F., Montoto, L., Godefroy, G. Electroluminescence in ferroelectric BaTiO_3 1-26276
- Gonzy, J.D. *see* Niemann, R.C. 1-48882
- Gooch, D.J. Effects of trace elements on creep strength and ductility of low-carbon 2.25 Cr-1 Mo steels 1-43441
- Good, R.H. Dipole radiation: a film 1-40631
- Good, R.R., Meachum, T.R. Analysis of a transient load measuring system [fission reactor safety] 1-14678
- Goodacre, A.K. Estimation of the minimum density contrast of a homogeneous body as an aid to the interpretation of gravity anomalies 1-4408
- Goodacre, A.K., Hasegawa, H.S. Gravitationally induced stresses at structural boundaries 1-40108
- Goodale, D.B., Reagan, P., Miskolczy, G., Lieb, D., Huffman, F.N. Combustion performance of CVD silicon carbide thermionic diodes 1-53638
- Goodall, A.R. *see* Hearn, J. 1-53477
- Goodall, D.H.J. Arcing studies in the DITE Tokamak using a time-resolved arc detector 1-25086
- Goodall, D.H.J., Hofer, W.O., McCracken, G.M., Behrlich, R., Cowlin, M., Dietz, K.J., Erents, S.K., Thum, F. Proposed plasma edge diagnostics for JET 1-29908
- Goodall, F. *see* France, R.J. 1-42914
- Goode, S.W. *see* Wainwright, J. 1-17920
- Goodell, P.D. Thermal conductivity of hydriding alloy powders and comparisons of reactor systems 1-20699
- Goodell, P.D., Sandrock, G.D., Huston, E.L. Kinetic and dynamic aspects of rechargeable metal hydrides 1-4046
- Goodell, P.D. *see* Sandrock, G.D. 1-2806
- Gooden, D.K. *see* Waters, N.D. 1-15461
- Goodenday, L.S. *see* Daley, C.G. 1-17490
- Goodenough, J.B., Hammett, A., Dare-Edwards, M.P., Campet, G., Wright, R.D. Inorganic materials for photoelectrolysis 1-39809
- Goodenough, J.B. *see* England, W.A. 1-7380
- Goodfellow, J. *see* Finney, J.L. 1-8806
- Goodfellow, R.C. *see* Carter, A.C. 1-11171
- Goodfellow, R.C. *see* Scott, M.D. 1-12667, 1-35185
- Goodhead, D.T. *see* Thacker, J. 1-22073
- Goodhead, D.T. *see* Virsik, R.P. 1-32199
- Goodhew, P.J., Chescoe, D. Microanalysis in the transmission electron microscope 1-15759
- Goodhew, P.J. *see* Nategh, S. 1-16864
- Goodhew, P.J. *see* Tyler, S.K. 1-11910
- Gooding, J.L., Keil, K., Fukukita, T., Schmitt, R.A. Elemental abundances in chondrites from unequilibrated chondrites: evidence for chondrule origin by melting of pre-existing materials 1-13741
- Goodinson, P.A., Luffman, B.L. The relativistic transformation law for the ideal-gas scale of temperature 1-32951
- Goodisman, J. Model for the surface of molten salt. III. Density profile 1-34546
- Goodisman, J., Coppa, N. Models for X-ray scattering from random systems 1-46951
- Goodisman, J. *see* Amokrane, S. 1-30526
- Goodjohn, A.J. *see* Dahlberg, R.C. 1-758
- Goodman, A.L. The Hartree-Fock-Bogoliubov theory of high-spin states 1-610
- Goodman, A.L. The two-level model at finite-temperature 1-36895
- Goodman, A.L. Finite-temperature HFB theory 1-36915
- Goodman, A.M. Improvements in method and apparatus for determining minority carrier diffusion length 1-42790
- Goodman, C.D. *see* Fulmer, C.B. 1-50617
- Goodman, C.D. *see* Horen, D.J. 1-50568
- Goodman, D.S., Harrison, R.W. Precision optical target 1-50193
- Goodman, D.W. *see* Yates, J.T., Jr. 1-38643
- Goodman, F.O. *see* Imacada, K. 1-49030
- Goodman, F.O. *see* Scribani, L. 1-48215
- Goodman, F.R., Jr. Photovoltaic electric power generation from a utility perspective 1-21885
- Goodman, G.L. *see* Berkowitz, J. 1-19143
- Goodman, J. *see* Ellsworth, R.W. 1-49466
- Goodman, J.T. *see* Young, L.L., Jr. 1-4298
- Goodman, J.W. *see* Hansen, E.W. 1-53876
- Goodman, J.W. *see* Rawson, E.G. 1-11127
- Goodman, L. *see* Rava, R.P. 1-29064, 1-41449
- Goodman, M. *see* Akenzie, K.G. 1-14238
- Goodman, M.F. *see* Stone, J. 1-1292
- Goodman, M.F. *see* Thiele, E. 1-29056
- Goodman, P. Setting up convergent beam diffraction for materials analysis using a TEM 1-15772
- Goodman, P., O'Keeffe, M. The space group of $\beta\text{-Si}_3\text{N}_4$ 1-30119
- Goodman, R.K. *see* Lang, D.D. 1-921
- Goodman, S. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Goodrich, F.C. The theory of capillary excess viscosities 1-29737
- Goodrich, L.F., Ekin, J.W. Lap joint resistance and intrinsic critical current measurements on a NbTi superconducting wire 1-47829
- Goodridge, V. *see* Nightingale, N.R.V. 1-27041
- Goodson, A.L. Graph-based chemical nomenclature. I. Historical background and discussion 1-13065
- Goodson, A.L. Graph-based chemical nomenclature. II. Incorporation of graph-theoretical principles into Taylor's nomenclature proposal 1-13066
- Goodstein, D. *see* Taborek, P. 1-20547, 1-20548
- Goodstein, D.L. *see* Taborek, P. 1-7447
- Goodwin, A.R. *see* Davies, I.G.A. 1-11170
- Goodwin, C. *see* Lucas, J. 1-3625
- Goodwin, F.E., Davami, P., Flemings, M.C. Strengthening of wrought aluminum alloys by fractional melting 1-26443
- Goodwin, G.L. An association between atmospheric disturbances at ground level and in the ionosphere 1-32572
- Goodwin, N. *see* Braatz, P.G. 1-11165
- Goodwin, P.N. Recent developments in instrumentation for emission computed tomography 1-32238
- Goodwin, R. *see* Taylor, P.N. 1-40094
- Goody, R.M. *see* Baker, D.J., Jr. 1-13562
- Goodyear, J.K., Lindberg, V.L. Low absorption float glass for back surface solar reflectors 1-13091
- Gookin, D. *see* Shay, T.M. 1-37479
- Gool, W.V. Thermodynamic aspects of energy conservation 1-17178
- Goorvitch, D. *see* Goldman, A. 1-37182
- Goorvitch, D., Goebel, J.H., Augason, G.C. Theoretical profiles for the 1-0 S(1) H₂ line in carbon stars 1-17835
- Goossens, L.H.J. *see* Chesters, A.K. 1-19781
- Goossens, M. σ -stability analysis of toroidal magnetic field in stars 1-4907
- Goossens, M., Biron, D. The effect of a magnetic field on stellar pulsations as a singular perturbation problem 1-49620
- Goossens, M., Diront, D. σ -stability analysis of hydromagnetic instabilities in stars with toroidal magnetic fields 1-44547
- Goossens, M., Taylor, R.J. On unstably stratified toroidal magnetic fields in stars 1-27485
- Goovaerts, E., de Schepper, L., Schoemaker, D. Inelastic light scattering of the V_K - and H-center in alkali halides 1-3395
- Gopal, E.S.R. *see* Gunasekaran, M.K. 1-40817

- Gopal, G.P. S.—1 baryons—an experimental review 1—10253
- Gopal, G.P. *see* Cameron, W. 1—36880
- Gopal, R., Joshi, M.M. New band systems of NiBr molecule in visible region 1—14910
- Gopal, R., Mishra, P.C. Green's function calculations on the photoelectron spectra of some small heteroatomic π -electron systems 1—24018
- Gopal, R. *see* Zwingelstein, G. 1—27979
- Gopal, S., Lakshminarayana, G., Narasimham, N.A. Isotope shift studies of the E-X and D-X systems of the SiS molecule 1—1281
- Gopal, S. *see* Djaloic, A. 1—50609
- Gopal, V. Relative performance on a photoconductive detector in constant current and constant voltage bias modes 1—36734
- Gopal-Krishna, Preuss, E., Schilizzi, R.T. Prominent VLBI cores in powerful radio sources with arc second structure 1—22914
- Gopal-Krishna, Sramek, R.A. VLA observations of the absorption-line quasars PHL 938 and PHL 5200 1—13876
- Gopal-Krishna *see* Kundt, W. 1—17903
- Gopala Rao, D. *see* Siddiquie, H.N. 1—17580
- Gopalakrishna, S., Sitaraswamy, P. Study of VLF attenuation as a function of azimuth using atmospherics 1—13520
- Gopalakrishna, S., Sitaraswamy, P. Study of peak frequency and bandwidth of atmospherics as a function of azimuth 1—17721
- Gopalakrishnan, K.V. *see* Sampathkumaran, E.V. 1—52872
- Gopalakrishnan, N.V., Gupta, S.K., Ramana Murthy, P.V., Tonwar, S.C. An experimental system for detection of high energy cosmic gamma ray bursts 1—13650
- Gopalswamy, N., Krishan, V. Absorption of intense electromagnetic beams in a magnetoplasma 1—22674
- Gopasyuk, S.I. Use of the Hanle effect in astrophysics for measurement of magnetic fields 1—27391
- Gopel, W. Charge transfer reactions on semiconductor surfaces 1—30574
- Gopel, W., Bauer, R.S., Hansson, G. Ultraviolet photoemission studies of chemisorption and point defect formation on ZnO nonpolar surfaces 1—8197
- Gopel, W., Brillson, L.J., Brucker, C.F. Surface point defects and Schottky barrier formation on ZnO (1010) 1—16364
- Gopel, W., Kuhnemann, B., Wiechmann, B. Magnetic anisotropies of ferromagnetic surfaces 1—47919
- Gopel, W., Lampe, U. Influence of defects on the electronic structure of zinc oxide surfaces 1—34761
- Gopel, W. *see* Esser, P. 1—7467
- Gopel, W. *see* Hansson, G.V. 1—8195
- Gopi, N. *see* Sinha, B.K. 1—2242, 1—41709
- Gopichand, V., Balakrishna, S.S., Mallik, A.K. Systematics of copper base binary phase diagrams 1—16755
- Gopinath, C.R., Raghavendra Rao, K.S. Molecular force fields of thiazylhalides 1—37168
- Gopinathan, C.K., Joseph, P.S. Physical features of nearshore waters off Karwar 1—54113
- Gopinathan, M.S., Rao, G.R. Values for the α parameter in $X\alpha$ theory 1—1106
- Gopinathan, V. *see* Pawelski, O. 1—43406
- Gopkalo, A.P. *see* Sinyavskii, D.P. 1—8433
- Goplen, T.G., Cameron, D.G., Jones, R.N. The control of errors in infrared spectrophotometry. VI. The evaluation of optical constants by combined transmission and attenuated total reflection measurements 1—14185
- Goplen, T.G., Cameron, D.G., Jones, R.N. Absolute absorption intensity and dispersion measurements on some organic liquids in infrared 1—16555
- Goplen, T.G. *see* Cameron, D.G. 1—14184
- Gora, V.D., Karamzin, Yu.N., Sukhorukov, A.P. Self-interaction of optical beams under resonance absorption conditions 1—1657
- Gora, V.D., Karamzin, Yu.N., Sukhorukov, A.P. Adiabatic model of resonance two-photon self-focusing and defocusing of optical beams 1—51572
- Goradia, C. *see* Evans, J.C., Jr. 1—48856
- Goral, A.B. Improved evaluation of magnetic spin moment anomalies for the electron and proton by means of the TLVP unified model 1—28253
- Goral, A.B. Unified field model of the free, localized electron and proton state 1—33135
- Goralik, E.T. *see* Amel'yanovich, K.K. 1—31560
- Goran, M. Radial distribution of UO_2 in the vitreous phase in rods of UO_2 -SiO₂ obtained by copper injection moulding 1—20392
- Goran, M. *see* Crivat, D. 1—18748
- Goranova, E. *see* Kassabov, I. 1—16368
- Goranova, E.A. *see* Madzharov, N.A. 1—53507
- Goranson, P.L. *see* Johnson, R.L. 1—990
- Goranson, U.G. *see* Gencoz, O. 1—21576
- Goraya, P.S. Scanner observations of gamma Casiopeiae 1—36290
- Gorazhankin, V.M. *see* Adam, I. 1—636
- Gorbachev, V.G. *see* Kokorin, V.V. 1—16773
- Gorbachev, A.A. *see* Bakharev, M.S. 1—30278
- Gorbachev, L.P. *see* Balankin, S.A. 1—31379
- Gorbachev, S.M., Zaleskii, I.E., Nizhnikov, V.V. Polarization of the components of multiplets in the luminescence spectrum of coronene in a n-heptane single crystal at 77K 1—41423
- Gorbachev, V.I., Reznikov, Yu.A., Sinyayeva, E.V., Vasil'ev, V.N. Thermal stability of contact media 1—35485
- Gorbachev, V.I., Zverev, V.A., Shevchuk, I.M. Effect of drying regimes on the detectability of cracks in capillary flaw detection 1—8501
- Gorbachev, Yu.E. Kihara-potential calculation of collision frequencies in heterogeneous media 1—24206
- Gorbachev, Yu.E., Lun'kin, Yu.P. Boundary conditions in the problem of the flow of a heterogeneous mixture 1—34005
- Gorbacheva, T.B., Rybal'chenko, R.V., Cheburayeva, R.F. The role of carbon in the formation of an ordered structure in the solid solutions (Ti, W)C and (Ti, W, Ta)C 1—20412
- Gorbachev, L.P., Lazarev, V.M. Effect of gravity on the generation of geomagnetic disturbances by acoustic pulses 1—22585
- Gorbai, M.R., Savadatti, M.I. Spectral study of reactions involving organic vapours and the pink afterglow of nitrogen 1—17046
- Gorban', A.N., Matyushin, V.M. Low-temperature chemistimulated diffusion of copper in germanium 1—38603
- Gorban, A.P. *see* Litovchenko, V.G. 1—28027
- Gorban', I.S., Krysov, Ts.A., Tennakun, M., Tychina, I.I., Chukichev, M.V. Cathodoluminescence of CdSiP₂ crystals 1—21279
- Gorban', I.S., Myagchenko, Yu.A., Slobodanyuk, A.V. Direct experimental observation of nonlinear optical activity in quartz crystals 1—29324
- Gorban', N.Ya., Stashchuk, V.S. Spectroscopy of impurity states in disordered Ni-Fe and Ni-Cr alloys 1—21240
- Gorban', N.Ya. *see* Vladimirova, T.V. 1—1659
- Gorban'i, S., Skirida, A.S. Absorption spectra of impurity nitrogen in α -SiC of different polypotypes 1—52979
- Gorbato, A.M., Krylov, Yu.N., Solovoi, A.B. Test of the phase-invariant potentials using nuclear data 1—5702
- Gorbato, A.V., Samuilov, E.V. Aerosol plasmas in a variable electric field 1—2174
- Gorbato, I.N. *see* Borisov, Yu.S. 1—39492
- Gorbatskii, V.G. On the causes of the low gas content in elliptical galaxies 1—22889
- Gorbatul, M.F., Smorodin, V.I., Karatsuba, A.S., Yakovlev, V.I. Calculation of the magnetic field of the core butt-end surface of the stator and rotor of a turbogenerator 1—19241
- Gorbatyuk, A.V. Effectiveness of an excess charge in the process of turn on of p-n-p structures in multidimensional approximation 1—34784
- Gorbatyuk, S.M. *see* Potapov, I.I. 1—16997
- Gorbatyuk, V.I. *see* Buda, I.S. 1—34729
- Gorbenko, F.L., Sidorenko, E.V., Kislov, B.I. Chromatographic separation of barium from sodium in the analysis of piezoceramics 1—13052
- Gorbenko, V.G., Zhebrovskii, Yu.V., Kosenikov, L.Ya., Rubashkin, A.L., Sorokin, P.V. Deuteron disintegration by 80-600 MeV photons, reaction cross section asymmetry 1—572
- Gorbenko, V.G. *see* Get'man, V.A. 1—10230
- Gorbik, P.P., Komashchenko, V.N., Fedorov, G.A. Mechanisms of current flow and energy band diagram of copper sulfide-zinc sulfide heterojunctions 1—34782
- Gorbokov, N.V. *see* Dimarova, E.N. 1—52905
- Gorburukov, P.N. *see* Masalitin, E.A. 1—6737
- Gorbovskoi, V.E. *see* Grigorov, V.A. 1—37500
- Gorbulev, V.A., Fedorov, P.P., Sobolev, B.P. Interaction of oxyfluorides of rare earth elements with fluorides having the fluorite structure 1—35241
- Gorburun, B.N. *see* Sivokhin, V.S. 1—48149
- Gorburun, B.Z. *see* Baklanov, A.M. 1—48752
- Gorburun, I.M. *see* Biryukov, V.T. 1—26690
- Gorburun, P. *see* Jonker, M. 1—10194, 1—14432
- Gorburun, P.A. *see* Seldraix, J. 1—5666
- Gorburun, V.V. *see* Belotitskii, D.P. 1—11907
- Gorburunova, E.F. *see* Belorussov, A.V. 1—34128
- Gorburunova, N.B. *see* Alekseeva, O.K. 1—16882
- Gorburunova, N.B. *see* Kardonskii, V.M. 1—3910
- Gorburunova, Yu.E., Linde, S.A., Lavrov, A.V., Tananaev, I.V. Structure of crystals of potassium vanadyl pyrophosphate $K_2VO_4 \cdot 2H_2O$ 1—20164
- Gorburunova, Yu.E. *see* Linde, S.A. 1—20163
- Gorchakov, E.V. *see* Vernov, S.N. 1—4731
- Gorchakov, G.I., Sidorenko, V.N. Spectral dependence of components of light scattering matrix of atmospheric dry haze 1—44319
- Gorchakova, L.I. *see* Rusanova, L.N. 1—21400, 1—39294
- Gorczya, W. *see* Oziewicz, Z. 1—36911
- Gordeev, S.I. *see* Kovdrya, Yu.Z. 1—20490
- Gordeev, S.K. *see* Smirnov, E.P. 1—53466
- Gordeev, V.A. *see* Barsov, S.G. 1—16518
- Gordeev, V.E. On the origin and part played by pulsations of a detonation front 1—19835
- Gordeev, Yu.N., Bologa, M.K., Smirnov, G.F. Effect of an electrical field on mass exchange during film rectification 1—42099
- Gordeev, Y.S., Woerle, P.H., de Waard, H., Saris, F.W. The production of continuous electron spectra in collisions of heavy ions and atoms. I. molecular autoionisation 1—41469
- Gordeev, Yu.S. *see* Woerle, P.H. 1—41470
- Gordeev, Yu.S. *see* Zinov'ev, A.N. 1—19869
- Gordeeva, I.A. *see* Ashurly, Z.I. 1—33712
- Gordeeva, L.I. *see* Korovina, V.M. 1—3798
- Gordeladze, V.G. *see* Sarukhanishvili, A.V. 1—12712
- Gordelier, S.C., Wallace, L.R. Abrasive wear at low slip amplitudes 1—48525
- Gordeziani, D.G. On applications of the total approximation method to the solution of some shell theory problems 1—6769
- Gordienko, A.I. *see* Karpins, D.M. 1—31616
- Gordienko, A.I. *see* Maksimovich, G.G. 1—16881
- Gordienko, L.K. *see* Boykov, V.A. 1—16869
- Gordienko, V.M. *see* Akhmanov, S.A. 1—33760
- Gordin, V.M., Isayev, Ye.N. Interpretation of ΔT anomalies during geomagnetic mapping at equatorial latitudes 1—22198
- Gordina, T.A. *see* Solovchik, O.M. 1—28109
- Gordinier, M.R., Conn, R.W. Plasma edge model for Tokamaks 1—25043
- Gordiyenok, E.I. *see* Rodionov, A.A. 1—12354
- Gordon *see* Armstrong 1—10254
- Gordon, B., Gyorffy, B.L., Temmerman, W.M., Pindor, A.J. On the Fermi surfaces of random substitutional alloys 1—12019
- Gordon, B.E., Jr. Measurement of applied and residual stresses using an ultrasonic instrumentation system 1—16985
- Gordon, B.J. On-line capacitance-voltage doping profile measurement of low-dose ion implants (CA, USA) 1—25803
- Gordon, B.M., Indig, E. Progress toward oxygen suppression in the BWR 1—45624
- Gordon, D., Gottesman, S.T. H I observations of blue compact galaxies 1—54614
- Gordon, D., Robertson, E., Winter, D.A. Mechanical energy generation, absorption and transfer amongst segments during walking 1—35796
- Gordon, D.F. *see* Phillips, S.J. 1—44047
- Gordon, G.A., Ravve, A. Oxygen transmission through highly crosslinked polymers 1—30480
- Gordon, G.A. *see* Swarrop, N. 1—30481
- Gordon, H.A. *see* Gottesman, S.R. 1—10260
- Gordon, H.R. Reduction of error introduced in the processing of coastal zone color scanner-type imagery resulting from sensor calibration and solar irradiance uncertainty 1—40203
- Gordon, H.R., Clark, D.K. Remote sensing optical properties of a stratified ocean: an improved interpretation 1—13581
- Gordon, H.R., Clark, D.K., Mueller, J.L., Hovis, W.A. Phytoplankton pigments from the Nimbus-7 Coastal Zone Color Scanner: comparisons with surface measurements 1—54144
- Gordon, H.R., Smith, R.C., Zaneveld, J.R.V. Introduction to ocean optics 1—22356
- Gordon, H.R. *see* Hovis, W.A. 1—54282
- Gordon, J. *see* Di Gennaro, V. 1—5660
- Gordon, J.E. Designing with brittle materials 1—31665
- Gordon, J.G., II, Ernst, S. Surface plasmons as a probe of the electrochemical interface 1—35550
- Gordon, J.G. *see* Girlando, A. 1—35054
- Gordon, J.G., II *see* Pettinger, B. 1—48056
- Gordon, J.M., Govaer, D., Zarmi, Y. Temperature-dependent collector properties from stagnation measurements 1—13165
- Gordon, J.P. *see* Mollenauer, L.F. 1—1622
- Gordon, L. *see* Bolton, R.D. 1—1025
- Gordon, M., Torkington, J.A. Mean field theory, 'critical' and 'uncritical' exponents 1—38295
- Gordon, M. *see* Irvine, P. 1—46982
- Gordon, M.B. *see* Villain, J. 1—47885
- Gordon, M.M., Johnson, D.A. Calculation of fields in a superconducting cyclotron assuming uniform magnetization of the pole tips 1—10559
- Gordon, M.S. The isomers of silacyclopropane 1—18995
- Gordon, M.S. *see* Caldwell, J.W. 1—51109
- Gordon, M.S. *see* Takatsuka, K. 1—51250
- Gordon, P. Lateral boundary conditions for quasi-steady atmospheric flows 1—11418
- Gordon, R.A. Low-field extremum in the surface impedance of metals at MHz frequencies 1—3045
- Gordon, R.D. The conformation of acetaldehyde in its $n \rightarrow \pi^*$ Rydberg state 1—33572
- Gordon, R.E., Hanley, P.E., Shaw, D., Gadian, D.G., Radda, G.K., Styles, P., Bore, P.J., Chan, L. Localization of metabolites in animals using ^{31}P topical magnetic resonance 1—8956
- Gordon, R.G., Cox, A. Calculating palaeomagnetic poles for oceanic plates 1—27057
- Gordon, R.G., Cox, A. Paleomagnetic test of the early Tertiary plate circuit between the Pacific basin plates and the Indian plate 1—27143
- Gordon, R.G. *see* Muhlhausen, C. 1—47524
- Gordon, R.G. *see* Shirts, R.B. 1—3050
- Gordon, R.J. A metastable complex model for vibrational relaxation 1—46086

- Gordon, R.J. see Chiou, C.S. 1-38021, 1-46760
 Gordon, R.J. see Vlahoyannis, Y. 1-46087
 Gordon, R.L. see Hartman, J.S. 1-5373
 Gordon, R.Lee see Lee Gordon, R.
 Gordon, R.S., Miller, G.R., Hadnagy, T.D., McEntire, B.J., Rasmussen, J.R. Ceramics in high performance batteries 1-17193
 Gordon, V.G. see Shvaiko-Shvaikovskii, V.E. 1-2955
 Gordon, W.L. see Bachmann, M. 1-11739
 Gordon, W.L. see Bachmann, M.A. 1-38293
 Gordon, W.S. see Chimczak, E. 1-52999
 Gordanov, A.A., Malevskii, Yu.B., Doroshenko, L.K. Effect of preliminary deformation on the interaction of iron with an aluminum coating 1-16841
 Gordo, G. Recent results in speech processing 1-33858
 Gordo, E.P., Tvorogov, S.D. Method of semiclassical representation in quantum electrodynamics 1-28249
 Gordova, M.R. see Poluboyarinov, D.N. 1-31390
 Gore, B.F. see McNair, G.W. 1-849
 Gore, D.J., Jenner, T.J. Alpha and fission fragment autoradiography with superimposed tissue images in CR-39 plastic 1-27040
 Gorean, T.J. Frequency sensitivity of the deep-sea climatic record 1-9240
 Gorean, M., Labbe, Ph., Monfort, Y., Raveau, B. Behaviour of Sn^{4+} in the quadratic tungsten bronzes. Structure of $\text{Sn}_{10}\text{O}_{13}$ 1-15875
 Gorean, M. see Giroult, J.P. 1-15854
 Gorechko, A.N. see Galazuyk, V.A. 1-14011
 Goree, J.G., Gross, R.S. Stresses in a three-dimensional unidirectional composite containing broken fibers 1-3881
 Gorenko, Yu.K. see Skolozdra, R.V. 1-20967
 Gorenko, A.T., Dzigasov, A.G., Tarasov, I.S., Tibilov, V.K., Usikov, A.S., Chelnokov, V.E. InGaAsP heterostructures synthesized by liquid-phase epitaxy with Be doping 1-39255
 Gorenko, A.T. see Alferov, Zh.I. 1-1578
 Goretlik, A.V. Study of the crack growth kinetics in laminar viscoelastic materials 1-15445
 Goretlik, L.Yu., Kadigrov, A.B. On the temperature dependence of the kinetic coefficients of superconductors in the intermediate state 1-42925
 Goretlik, S.S., Gul', Yu.P., Khallach, I.S. Precipitation of excess phases in austenite under the influence of hot deformation and recrystallization 1-16782
 Goretlik, V.A., Kudina, L.V., Nogaller, V.A., Protopenov, O.D. Quantitative Auger analysis using a spectrometer-computer system 1-31924
 Goretlik, V.S., Zolotukhin, O.G., Sushchinskii, M.M. Relation of Raman scattering to the electrooptic effect in a lithium niobate crystal 1-12508
 Goretlik, V.S. see Avakyan, L.P. 1-12512
 Goretlik, V.S. see Smirnov, P.S. 1-8051
 Goretimskii, Yu.V., Nevniyi, N.N., Botvin, V.A. The spatial distribution of Si interstitial complex produced in silicon by hydrogen ion implantation 1-11743
 Gorelov, S.L., Erofeev, A.I. Influence of accommodation coefficients on the aerodynamic characteristics of a plate in a flow of rarefied gas 1-19755
 Gorelov, Y.N., Titov, B.A. Optimal reorientation of a rotating spacecraft 1-54339
 Gorelova, L.L. see Bartenev, G.M. 1-53478
 Goren, S.D., Korn, C., Mintz, M.H., Gavra, Z., Hadari, Z. Measurement of hydrogen diffusion in Mg_2NiH_x using nuclear magnetic resonance 1-3285
 Goren, S.D., Korn, C., Mintz, M.H., Gavra, Z., Hadari, Z. NMR study of hydrogen diffusion and phase determination of the Mg_2NiH_x system 1-38994
 Goren, S.D. see Korn, C. 1-3279, 1-26066
 Goren, S.L., O'Neill, M.E. Asymmetric creeping motion of an open torus 1-19727
 Gorenberg, V.L. see Sobolev, V.V. 1-16578, 1-31114, 1-31115
 Gorenflot, R. see Couderc, H. 1-9065
 Gorenstein, M.I. On the description of phase transitions in the bag model 1-45237
 Gorenstein, P. see Fabricant, D. 1-22881
 Goreslavskii, S.P., Krainov, V.P. Hanle effect in a strong electromagnetic field 1-51172
 Goretzki, H. see Kny, E. 1-8311
 Gorga, M.P. see Abbas, P.J. 1-49004
 Gorgens, B. see Bogus, K. 1-39788
 Gorgens, E., Reuther, R., von Schawen, R. Determination of the statistical grain sensitivity distribution 1-5420
 Gorgoraki, V.J. see Alikhanian, A.S. 1-38041
 Gorham, B.J., Brooks, L.A. Hazard control of lasers under field conditions 1-44031
 Gorham, S.B., Wilson, C.R., Land, L.S. A shallow water digital high resolution reflection system and its application to a study of Pleistocene geology 1-32563
 Gori, F. Directionality and spatial coherence 1-1486
 Gori, F. Collett-Wolf sources and multimode lasers 1-6628
 Gori, F. Propagation of the mutual intensity through a periodic structure 1-19375
 Gori, F. Forced laminar convection in a closed cylinder with a rotating disk 1-29698
 Gori, F. see Faggiani, S. 1-24799
 Gorichev, P.A. see Ammosov, V.V. 1-40980
 Gorichev, P.A. see Efremenko, V.I. 1-33173
 Gorick, P. Controllable heat pump compressors—rotary-piston and epicyclic compressors 1-35680
 Gorin, A.I. see Kats, S.M. 1-16838
 Gorin, L.F. see Balezin, S.A. 1-53355
 Gorin, S.N. see Vakulenko, O.V. 1-43146
 Gorin, V.D. see Lavrukina, A.K. 1-36122
 Gorin, Yu.P. see Antipov, Yu.M. 1-5663, 1-45376
 Gorin, G. Rarefied gas analysis is a method of measuring the oil backstreaming of pumping systems 1-32994
 Goringe, M.J. see Butler, E.P. 1-2516
 Goringe, M.J. see Grover, C.R.M. 1-38384, 1-38385
 Goring, H., Schoch, B. Measurements of the (γ, n) reaction on ^{12}C and ^{16}O and the investigation of the reaction mechanism 1-23639
 Goring, H. see Schoch, B. 1-23640
 Gorini, G. see Campani, E. 1-24072
 Gorini, G. see Carboni, G. 1-15040
 Gorini, I. see Ferraris, F. 1-36705
 Gorini, I. see Genesio, R. 1-23210
 Gorinskii, S.G., Shabalov, I.L., Beketov, A.R., Korin, A.F. Electrical conductivity of carbide-carbon materials 1-16282
 Goritskii, V.M. see Bogdanov, V.I. 1-3906
 Goritskii, V.M. see Gladstein, L.I. 1-53352
 Goriun, M.F. see Le Fur, Y. 1-34320
 Gorkina, Z.G. see Klokova, N.P. 1-14109
 Gorkom, J.H. van see van Gorkom, J.H.
 Gor'kov, L.P., Dolgov, E.N. On the interpretation of the NbSe₃ conductivity in terms of Frohlich mode motion 1-42750
 Gor'kov, L.P. see Berezhinskii, V.L. 1-42755
 Gorkum, A.A. van see van Gorkum, A.A.
 Gorkum, A.A. van see van Gorkum, A.A.
 Gorkunov, E.S. see Mikheev, M.N. 1-31810
 Gorla, R.S.R. Unsteady stagnation point heat transfer in non-Newtonian fluids 1-15515
 Gorlanova, M.A., Dunaev, F.N., Kochneva, N.P., Malinina, R.I. Effect of thermal and thermomagnetic treatment on the magnetic properties of steel with a diffuse plane cubic structure 1-7884
 Gorlei, P.N., Zayachuk, D.M., Starik, P.M., Shenderovskii, V.A. Anisotropic scattering of current carriers in lead chalcogenides 1-7621
 Gorlich, E. see Stoch, A. 1-26369
 Gorlich, L., Niczyporuk, B., Rozanska, M., Rybicki, K., Turnau, J., Becker, H., Blar, G., Blum, W., Dietl, H., Gallivan, J., Gottschalk, B., Lorenz, E., Lutjens, G., Lutz, G., Manner, W., Notz, D., Richter, R., Stierlin, U., Stringfellow, B., Chabaud, V., Hyams, B., Papadopoulos, T., De Groot, J. A partial-wave analysis of the reaction $\pi^- p \rightarrow K^+ K^- n$ measured on a polarized target at ~ 18 GeV/c 1-5656
 Gorlier-Walrand, C., Beyens, Y. Magnetic circular dichroism (MCD) of lanthanides: study of the Eu^{3+} ion in aqueous solution 1-26181
 Gorlier-Walrand, C., Peeters, H., Beyens, Y., De Moitte-Nayt, N., Behets, M. Magnetic circular dichroism of rare earth perchlorates in aqueous solution. P^{3+} , Nd^{3+} , Sm^{3+} , Eu^{3+} , Gd^{3+} , Tb^{3+} , Dy^{3+} , Ho^{3+} , Er^{3+} , Tm^{3+} . Phenomenological and analytical aspects 1-52921
 Gorlov, Yu.P., Ustenko, A.A., Sardarov, B.S., Kharitonova, L.A. Material based on heat-resistant fiber made from power station fly ash 1-12687
 Gormally, J. see Causon, D. 1-52237
 Gorman, D.G., Kennedy, W., Huissoon, J.P. Experimental analysis of transverse vibration in thermally stressed rotating discs 1-29603
 Gorman, D.J. Free vibration analysis of rectangular plates with symmetrically distributed point supports along the edges 1-41973
 Gorman, J.G. see Emtage, P.R. 1-34148
 Gorn, L.S. see Vaisberg, O.L. 1-9340
 Gorna, J.G. see Heberlein, J.V.R. 1-34143
 Gornakov, V.S. see Nikitenko, V.I. 1-3213, 1-52815
 Gornert, P. Growth mechanism of garnet single crystals in high temperature solutions revealed by the induced striation technique 1-21336
 Gornert, P., Bornmann, S. Induced striations in LPE garnet layers 1-7484
 Gornik, E., Schwarz, R., Lindemann, G., Tsui, D.C. Emission spectroscopy on two-dimensional systems [Si MOSFET inversion layers] 1-12585
 Gornik, E., Schwarz, R., Tsui, D.C., Gossard, A.C., Wiegmann, W. Far infrared emission from 2D electrons at the GaAs-AlGa_{1-x}As interface 1-52941
 Gornik, E. see Tsui, D.C. 1-8076
 Gornik, W., Kindt, S., Matthies, E., Rinneberg, H., Schmidt, D. Off-resonant E2 transition observed in two-photon absorption in Xe 1-24096
 Gornov, M.G. see Akimov, Yu.K. 1-37059
 Gornov, M.G. see Biryukov, Yu.A. 1-5645
 Gorniy, M.B. see Batygin, V.V. 1-1200, 1-33415
 Gorniy, M.B. see Batygin, V.V. 1-28926
 Gorobchenko, V.D., Kon, V.G. Self-consistent account of exchange-correlation effects in an electron gas 1-52515
 Gorobchenko, V.S., Naboikin, Yu.V., Ogurtsova, L.A. On the possibility of observing superradiation in vibrational transitions of composite organic molecules 1-21236
 Gorobets, B.S. see Gafit, M.L. 1-21262
 Gorobets, Yu.I., Kosachevskii, L.Ya., Tsybul'ko, V.A. Associated magnetoelastic waves in a ferromagnetic plate with a cylindrical domain structure 1-3229
 Gorocho, A., Burk, S., Davidson, K.L. Stability effects on aerosol size and height distributions 1-9230
 Gorodetskii, D.A., Shevlyakov, S.A. Structures of scandium on the (112) surface of tungsten 1-30011
 Gorodetskii, A.E. see Bogomolov, D.B. 1-2674
 Gorodetskii, A.E. see Zakharov, A.P. 1-30483
 Gorodetskii, A.K., Gol'din, Yu.A., Kryazev, N.A., Malkova, V.S., Shvom, E.M. Determining coefficient of scattering in clouds from measurement of reflected laser pulse 1-32517
 Gorodetskii, A.K., Kuznetsov, I.S., Lystsev, V.E., Syachinov, V.I. The light scattering coefficients of layered clouds 1-13569
 Gorodetskii, I.Ya. see Babentsov, V.N. 1-21274
 Gorodetsky, A.E., Zakharov, A.P., Sharapov, V.M., Alimov, V.Kh. Interaction of hydrogen with radiation defects in metals 1-25316
 Gorodinskii, G.M. see Bokov, V.L. 1-36245
 Gorodkin, R.G. see Shulman, Z.P. 1-38018
 Gorodkov, V.E., Rassudova, T.A., Tkachenko, V.A. A system for monitoring acoustic contact 1-35482
 Gorodnev, A.L. see Brekhovskikh, S.M. 1-12692, 1-12700, 1-43476
 Gorodnichii, O.P. see Baranskii, P.I. 1-7522
 Gorodnichii, O.P. see Belyaev, A.E. 1-21207
 Gorodtsov, V.A. Similarity of undeveloped turbulent near-wall flows 1-11382
 Gorodtsov, V.A., Teodorovich, E.V. On the generation of internal waves with stationary moving local and nonlocal sources 1-37953
 Gorodtsov, V.A. see Belokon, V.S. 1-11381
 Gorodyskii, N.I. see Novikov, N.V. 1-39389
 Gorodyskii, N.I. see Saenko, M.I. 1-39449
 Gorog, T., Lendvay, E. Synthesis and crystal growth of $\text{A}^{11}\text{B}^{\text{II}}$ compounds from elements 1-8210
 Gorog, T. see Sebestyen, T. 1-7481
 Gorokhov, L.N. see Rybkin, Yu.Ya. 1-4140
 Gorokhova, E.I. see Volynets, F.K. 1-16598
 Gorokhovskii, Yu.A., Gubkin, A.N. Influence of the boundary conditions on the thermodynamic depolarization current 1-21120
 Gorokhovskii, G.A., Ignat'kov, D.A. Relief forming of metal surfaces when tumbling in a polymeric process medium 1-35278
 Gorokhovskiy, G.A. see Kuznetsov, Ye.A. 1-19655, 1-37857
 Gorot', K.F. see Vashchuk, V.I. 1-51475
 Gorovaya, B.S. see Galakhov, F.Ya. 1-52076
 Gorovenko, A.P. Study of the characteristics of the field scattered by a spatially inhomogeneous object 1-1456
 Gorovoi, A.M. see Ushakov, A.I. 1-3735
 Gorovoi, V.A., Asatryan, A.Sh., Sytko, A.V., Dolgi, N.I., Gavrilo-Kryamchenko, N.L. Use of the theory of dimensions for calculating the density of a porous material in high-speed cold pressing 1-21377
 Gorozhankin, V.M. see Abdurazakov, A.A. 1-33217
 Gorpennyuk, V.N. see Pokhodnya, I.K. 1-40889
 Gorpinchenko, V.M. see Sharapov, V.Ya. 1-21665
 Gorpinich, O.K. see Bulkin, V.S. 1-45514
 Gorres, J., Kettner, K.U., Krawinkel, H., Rolfs, C. The influence of intense ion beams on gas target densities 1-23908
 Gorres, J. see Wiescher, M. 1-18617
 Gorres, U. see Dey, S. 1-25986
 Gorrisen, H. see Cushey, R.J. 1-52848
 Gorry, P.A., Browett, R.J., Hobson, J.H., Grice, R. Reactive scattering of a supersonic oxygen atom beam: $\text{O} + \text{C}_2\text{F}_4$ 1-1338
 Gorry, P.A. see Browett, R.J. 1-1337
 Gors, C., Warin, V., Henichart, J.P., Houssin, R. Conformational study of two triazoline-1,2,4-thiones-5 1-30216
 Gorse, C. see Capitelli, M. 1-2261, 1-26719
 Gorshkov, A.G. see Amirkhanyan, V.R. 1-54522
 Gorshkov, A.V. see Zaitov, F.A. 1-30449
 Gorshkov, B.L. see Kotov, A.A. 1-23959
 Gorshkov, B.N., Kudryavtsev, Yu.P., Loskutov, V.S., Neronov, V.A., Alkesev, V.V. Application of coatings of some transition metal borides by plasma-deposition 1-53358
 Gorshkov, O.N., Vasil'ev, V.K. Excitation of characteristic atomic X radiation by molecular ions 1-1355
 Gorshkov, S.A. see Dorofeev, Yu.G. 1-53125

- Gorshkov, V.A., Kryakhtinov, V.S., Fomin, O.N. The 'Inter's' lateral shearing interferometer for inspecting the surface shape of large optical components 1-10013
- Gorshkov, V.A., Novikas, V.I., Podobryanski, A.V., Khebnikov, F.P., Tsesnek, L.S., Shevlev, V.I. Automated optical surface testing methods 1-11192
- Gorshkov, V.N., Komarovskii, V.A., Oserovich, A.L., Penkin, N.P., Khefferlin, R. Lifetimes of Dy I and Dy II excited levels. Oscillator strengths of Dy I spectral lines 1-33425
- Gorshkov, V.P. see Krut'golov, Yu.K. 1-30855
- Gorshkova, M.A., Il'in, V.P., Nechaev, V.E., Sveshnikov, V.M., Fuks, M.I. Structure of the high-current relativistic electron beam formed by a coaxial gun with magnetic insulation 1-23367
- Gorshunov, N.M. see Bashkin, A.S. 1-33673, 1-33674
- Gorshunov, N.M. see Velikanov, A.G. 1-1589, 1-46289
- Gorski, M. see Aston, D. 1-50442
- Gorski, M. see Eskreys, A. 1-594
- Gorski, M. see Ko, W. 1-10263
- Gorskii, S.M., Klemen, V.A., Chernov, V.V. Singular features of the ultrasonic fluorescence spectrum of water 1-19498
- Gorskii, V.V. see Zdyadkevich, Yu.V. 1-53357
- Gorskij, V.V. see Brik, V.B. 1-16091
- Gorsline, D.S., Holcombe, T.L. Interpretative modeling of deep-ocean sediments and their physical properties—a foreword 1-11229
- Gorson, R.O. see Lassen, M. 1-44020
- Gort, A.F. A fully integrated, microprocessor-controlled total station 1-223
- Gort, A.F. Fully integrated microprocessor-controlled surveying instrument 1-49429
- Gorte, R.J., Gland, J.L. Nitric oxide adsorption on the Pt(110) surface 1-38661
- Cortel, Z.W., Kreuzer, H.J., Teshima, R. Desorption by phonon cascades for gas-solid systems with many physisorbed surface bound states 1-38651
- Cortel, Z.W., Szymanski, J., Swierkowski, L. Acceptor states in zero-gap semiconductors in magnetic field. Theory for short-range defect potential 1-47561
- Cortel, Z.W. see Kreuzer, H.J. 1-3041
- Corton, E.K., Redding, J.R. Operation of a transversely excited waveguide CO₂ laser 1-29297
- Cortyshev, Yu.F., Varfolomeev, I.M., Shchukin, V.K., Volkov, L.Ya. Detector for measuring local heat fluxes by the thin-disk method 1-18220
- Goruk, W.S., Vella, P.J., Stegeman, G.I. Optical probing measurements of surface wave generation and reflection in interdigital transducers on LiNbO₃ 1-24639
- Gorum, A.E. see Kobayashi, A.S. 1-43520
- Goryachev, V.N. see Agakishiev, G.N. 1-5651
- Goryachev, Yu.M. see Avetisyan, A.O. 1-38800
- Goryacheva, N.V. see Alipchenkov, V.M. 1-19949
- Goryachkin, D.A., Irtuganov, V.M., Kalinin, V.P., Malakhov, L.N., Yashukov, V.P. Self-sustained gas discharge with preliminary electron-beam ionization for pumping CO₂ lasers 1-25096
- Goryainov, S.V., Reznik, L.E. Electron-phonon interaction of the NO₂ impurity in crystalline nitrates 1-25391
- Goryainov, Yu.A., Kuz'mina, V.T., Levina, L.E., Murav'eva, L.D., Chigirina, G.A. Calibrated hydrogen-helium leak 1-44941
- Goryunov, O.Yu. see Gass, A.S. 1-690, 1-5763
- Goryunov, Yu.V. see Glikman, E.E. 1-35365
- Goryunova, T.D., Dvoretiskii, S.A., Senashenko, M.V., Timofeev, Yu.P., Shleimen, B.F. Increasing the quality of photography of IR radiation fields with the aid of ZnS-Cu, Co-luminophores 1-28101
- Goryushkin, G.E. see Klevanik, A.V. 1-17415
- Gos, R. Surface discharges in compressed SF₆ at the state of condensation 1-15712
- Gosachinskii, I.V., Grachev, V.G., Egorova, T.M., Zhelenkov, S.R., Il'in, G.N., Komar, N.P., Kuroshkina, E.N., Prozorov, V.A., Ryzhkov, N.F. Interstellar formaldehyde in the Sagittarius B2 radio source 1-32746
- Gosachinskii, I.V. see Alferova, Z.A. 1-32745
- Gosachinskii, I.V. see Berlin, A.B. 1-17898
- Gossain, A.B., Abbi, S.D.S. Application of Sacramento river forecast model to an Indian catchment 1-23270
- Gosavi, R.K., Strausz, O.P., Gunning, H.E. Ab initio SCF molecular orbital calculations on the doublet reaction path of methylidyne addition to ethylene 1-21701
- Gosavi, R.K. see Mcezy, P.G. 1-13037
- Goscianska, I. see Ratajczak, H. 1-25988
- Goscinski, O. see Palma, A. 1-1274
- Goscinski, O. see Weiner, B. 1-14802, 1-19006
- Gose, E.E., Rose, W.H., Barnes, W.E., Kaplan, E., Arnold, J.S. Decomposition of image sequences of overlapping homogeneous transparent radiating objects 1-53899
- Gosele, U., Frank, W., Seeger, A. Mechanism and kinetics of the diffusion of gold in silicon 1-25501
- Gosele, U., Mayer, R.M. Nucleation and growth of voids by radiation. III. The role of sink strengths in the kinetics of swelling 1-20183
- Gosele, U. see Baumgart, H. 1-47085
- Gosele, U. see Frank, W. 1-21252
- Goshchitskii, B.N. see Karkin, A.E. 1-20915
- Goshchitskii, B.N. see Polosukhin, B.G. 1-28781
- Goshen, R. see Nemirovsky, Y. 1-39498
- Goshen, S. see Hazak, G. 1-10855
- Gosho, Y. Development of positive streamer corona in air due to nitrogen oxide produced by its own discharge 1-20009
- Goshorn, D.P. see Grayson Alexander, M. 1-25451
- Goshorn, G.P. see Alexander, M.G. 1-38554
- Gosline, J.M. see Aaron, B.B. 1-8815
- Gosling, J.T. see Paschmann, G. 1-9329
- Gosling, R.G. see Coghlan, B.A. 1-43929
- Gosman, A.D. see El Tahry, S. 1-33950
- Gospodinov, G. see Tepavicharov, A. 1-33890
- Gospodinov, M. The growth of HgI₂ crystals 1-21331
- Gospodinov, M.M. Photoelectric and optical properties of HgI₂ crystals 1-42811
- Goss, S.A., Dunn, F. Ultrasonic propagation properties of collagen 1-8898
- Goss, S.A., Fry, F.J. Nonlinear acoustic behavior in focused ultrasonic fields: observations of intensity dependent absorption in biological tissue 1-51651
- Goss, W.C. Fiber-optic rotation sensors 1-36647
- Goss, W.M., Ekers, R.D., Danziger, I.J., Israel, F.P. Radio observations of three supernova remnants in M33 1-27593
- Goss, W.M. see Boksenberg, A. 1-49850
- Goss, W.M. see Bosma, A. 1-36404
- Goss, W.M. see de Bruyn, A.G. 1-54585
- Goss, W.M. see Retallack, D.S. 1-4964
- Goss, W.M. see Winnberg, A. 1-13833
- Gossanjai, A. see Zober, E. 1-28672
- Gossard, A.C. Electrical transport properties of novel semiconductor barriers with graded interfaces 1-16347
- Gossard, A.C. see Dingle, R. 1-12186
- Gossard, A.C. see Gornik, E. 1-52941
- Gossard, A.C. see Merlin, R. 1-52940
- Gossard, A.C. see Miller, R.C. 1-3478
- Gossard, A.C. see Passner, A. 1-29275
- Gossard, A.C. see Pinczuk, A. 1-7719, 1-12516, 1-16355, 1-52960
- Gossard, A.C. see Tsui, D.C. 1-7724
- Gossard, A.C. see Weisbuch, C. 1-16353, 1-52990
- Gosse, J. Simplified analysis of conduction-convection coupling for a flow with a boundary laminar layer on a flat plate 1-51778
- Gosse, J. see Duhamel, P. 1-29509
- Gossink, R.G. Application of secondary ion mass spectrometry (SIMS) to glass surface problems 1-3550
- Gossler, A.A. see Chan, S.H. 1-45679
- Gossler, M. Basis formula to convert astronomical calendars by computer programming 1-27400
- Gossling, C. see Alkofer, O.C. 1-45773
- Gossling, C. see Aubert, J.J. 1-5630
- Gostev, V.A., Elakhovskii, D.V., Zaitsev, Yu.V., Luizova, L.A., Khakhaev, A.D. Interaction of fast neutral helium atoms with an electron beam and with atoms of a gas target 1-1381
- Gostintsev, Yu.A., Sukhanov, L.A., Solodovnik, A.F. Limiting relations for nonstationary freely rising turbulent convective flows in the atmosphere 1-32511
- Gostomel'skii, V.S., Karakozov, E.S., Ternovskii, A.P. Contact formation in vacuum diffusion welding 1-25582
- Gostomel'skii, V.S. see Kononenko, V.G. 1-20190
- Gostyukhina, I.N. see Kononenko, G.V. 1-31398
- Goswami, B.N., Keshavamurthy, R.N., Satyan, V. Role of barotropic, baroclinic and combined barotropic-baroclinic instability for the growth of monsoon depressions and mid-tropospheric cyclones 1-27238
- Goswami, K., Chaudhuri, S., Banerjee, D.P., Chaudhury, A. Determination of the diffusion coefficient of thallium in KCl crystal by electron irradiation 1-1909
- Goswami, K. see Basu, C. 1-42437
- Goswami, K.N., Gupta, A.K., Mehta, S.K. X-ray determination of activation energy of $\theta/\kappa-\alpha$ -Al₂O₃ phase transition in synthetic gibbsite 1-47225
- Goswami, N.K., Newman, R.C., Whitehouse, J.E. EPR measurements on chromium doped GaAs, GaP and InP 1-38978
- Goswami, N.K. see Whitehouse, J.E. 1-43000
- Gosztanyi, L. see Paitz, J. 1-8213
- Gotal'skii, Yu.N., Lipodaev, V.N. The cracking resistance of austenitic weld metal with 25% Ni in welding with existing electrodes 1-26625
- Gothib, J.M. see Sokolova, J.A. 1-8362
- Gothib, V.Ya. see Avdeyeva, O.S. 1-35830
- Goto, A. see Matsuoka, N. 1-707
- Goto, F. see Osaka, T. 1-31369
- Goto, H., Adachi, Y., Ikoma, T. Cross section of multiphonon-emission carrier capture at deep centers in compound semiconductors 1-2985
- Goto, H., Kondo, H., Minaka, A. Geometrical structure of hadrons and diffractive eigenstates 1-18459
- Goto, H., Kondo, H., Minaka, A. Eigenstate formalism for single and double diffractive excitation 1-33169
- Goto, H. see Iguchi, S. 1-11177
- Goto, H. see Torii, M. 1-8215, 1-8222
- Goto, K.S. see Nagata, K. 1-12962, 1-48676
- Goto, M., Yamamoto, T., Takeda, S., Kawanishi, M. Autoacceleration of REB with coaxial resonator 1-18930
- Goto, M. see Tange, H. 1-7929, 1-47922
- Goto, N. see Akiyama, R. 1-11671
- Goto, S. see Mishima, N. 1-27702
- Goto, S. see Uyama, T. 1-19919
- Goto, T. Josephson effects in niobium variable-thickness bridges 1-42912
- Goto, T. Mechanical properties of Hastelloy-X filament produced by glass-coated melt spinning 1-53084
- Goto, T., Kasuya, A. Study of the exciton state by magneto-Raman scattering in HgI₂ 1-47493
- Goto, T., Luthi, B., Geick, R., Strobel, K. Elastic soft mode in perovskite-type layer-structure materials 1-11835
- Goto, T., Naka, S. On the bi-local model and string model 1-10150
- Goto, T., Naka, S., Yamaguchi, K. The time as an observable in quantum mechanics 1-105
- Goto, T. see Hirai, T. 1-3952, 1-25735, 1-39244
- Goto, T. see Inaba, S. 1-41483
- Goto, T. see Kamiya, Y. 1-11643
- Goto, T. see Kasuya, A. 1-48141
- Goto, T. see Misonou, M. 1-30908
- Goto, T. see Morita, Y. 1-53741
- Goto, T. see Nakagawa, Y. 1-34181
- Goto, T. see Takke, R. 1-20433
- Goto, Y. Dielectric behavior in ferroelectric Pb₂Ge₂O₁₁ powders 1-47996
- Goto, Y., Sawaguchi, E. Phase transition in ferroelectric RbH₂(SeO₃)₂ 1-39044
- Gotoh, H. see Satoh, H. 1-38170
- Gotoh, T., Mutsukura, N., Machi, Y. Construction of a furnace and temperature controller for the liquid phase epitaxy 1-3643
- Gotoh, T. see Kabeya, Z. 1-27930
- Gotoskii, M.A. see Subbotin, V.I. 1-28529
- Gottow, K. see Freedman, B.M. 1-45540
- Gott, J., III N-body simulations and the value of Ω 1-9753
- Gott, J.R. Are heavy halos made of low mass stars? A gravitational lens test 1-49789
- Gott, J.R., III. Chaotic cosmologies and the topology of the Universe 1-5007
- Gott, K. see Williams, T.M. 1-26595
- Gotta, D. see Backenstoss, G. 1-5685
- Gotta, D. see Schwanner, I. 1-15041
- Gottardi, V., Michelotto, G., Trotta, A., Bauer, S. A mathematical model of the cooling of electrocast refractories 1-3701
- Gottardi, V. see Fagherazzi, G. 1-20029
- Gottesfeld, S. Faradaic processes at the Ir/Ir oxide electrode 1-17064
- Gottesman, S.R., Faiberg, A., Goldberg, M., Horwitz, N., Moneti, G.C., Weygand, D.P., Whitman, R., Jacobs, S.M., Kirsch, L.E., Moore, S.C., Schmidt, P.E., Donaldson, C.J., Gordon, H.A., Morris, G.R., Davis, T., Meadows, B.T. Peripheral production and decay of K_s⁰ in the reaction $\pi^- p \rightarrow K_s^0 K_s^+ + \text{neutrals}$ at 15.4 GeV/c 1-10260
- Gottesman, S.T. see Gordon, D. 1-54614
- Gottfried, C. see Fidecaro, G. 1-591
- Gottfried, K. Are they the hydrogen atoms of strong-interaction physics? 1-33167
- Gottfried, T.L. Strange, W. Identification of coarticulated vowels 1-29476
- Gottfried, T.L. see Strange, W. 1-29475
- Gottgens, R., Ransone, G., Sixel, P., Becker, L., Bottcher, H., Goldschmidt-Clermont, Y., Harigel, G., Ross, R.T., Triantis, F.A., Dziunikowska, K., Figiel, J., Olkiewicz, K., Barnham, K.W.J., Wells, J., Wright, P.R.S., Zomorrodian, M., Mandl, F., Markytan, M., Mittendorfer, J., Bardadin-Otinowska, M., Jacholkowska, A., Szczekowski, M. Comparison of hadron production in K⁺p interactions with quark jet behaviour in lepton interactions 1-50472
- Gotthardt, R., Buffat, Ph., Gremaud, G. Observation of dislocation movement at 20K during microdeformation in FCC metals 1-30323
- Gottlieb, A.M. see Dunlap, R.A. 1-7860
- Gottlieb, G.L. see Agarwal, G.C. 1-4308
- Gottlieb, H.P.W. see Barfield, M. 1-41314
- Gottlieb, J.J. An experimental and analytical study of a new flap valve for generating simulated sonic booms 1-19527
- Gottlieb, M., Feichtner, J.D., Conroy, J. Programmable acousto-optic filter—a device for multispectral optical processing 1-51603
- Gottlieb, M., Roland, G.W. Infrared acousto-optic materials. Applications, requirements and crystal development 1-15237
- Gottlieb, M., Roland, G.W. Infrared acousto-optic materials. Applications, requirements, and crystal development 1-37565

- Gottlieb, M. see Brandt, G.B. 1-41885
 Gottman, O. see Afshar, M.N. 1-36679
 Gottschalk, V. see Neumann, H. 1-20884
 Gottschalk, A. see Neumann, R.D. 1-9011
 Gottschalk, B. see Chabaud, V. 1-50468
 Gottschalk, B. see Chabaud, V. 1-10392
 Gottschalk, B. see Gorlich, L. 1-5656
 Gottschalk, Chr., Smidoda, K., Gleiter, H. The generation of migrating boundaries by vacancies 1-20237
 Gottschalk, P.W. Technology, industry and commerce 1-31995
 Gottschalk, T. Chromodynamic corrections to neutrino production of heavy quarks 1-45259
 Gottschalk, T. see Berger, E.L. 1-45213
 Gottscho, R.A., Brooke Koffend, J., Field, R.W. Optical-optical double-resonance spectroscopy of BaO. The low-lying states 1-1262
 Gottscho, R.A., Weiss, P.S., Field, R.W., Pruett, J.G. Sub-Doppler optical-optical double-resonance spectroscopy of BaO. Electronic structure in the 4-eV region 1-1261
 Gottscho, R.A. see Lapatovich, W.P. 1-29074
 Gottscho, R.A. see Robbe, J.M. 1-41312
 Gottstein, G. see Karduck, P. 1-12836
 Gottstein, G. see Wantzen, A. 1-21534
 Gottwald, P., Ambroz, A. Measurement of the dopant distribution in thin epitaxial Si and GaAs structures 1-20252
 Gotz, G. see Glaser, E. 1-20245
 Gotz, G. see Wesch, W. 1-12472
 Gotze, W. The mobility of a quantum particle moving in a three-dimensional random potential [for metal-insulator transition] 1-47475
 Gotze, W. The mobility of a quantum particle in a three-dimensional random potential 1-47598
 Gou Yih-Shun see Yih-Shun Gou
 Gou-ping Chang see Chang Gou-ping
 Gouanere, M. see Davidov, V.A. 1-1023
 Goubau, B., Werner, H. Microfractographic investigation of fracture surfaces coated with magnetite 1-8431
 Gouch, A.J., Muir, H. Initiation of heat-affected-zone cracking in segregated bands in pipeline welds 1-39434
 Gouch, D.I. see de Beer, J.H. 1-9077
 Gouda, V.K., Abd El Wahaab, S.M., Ibrahim, E.M. The corrosion behaviour in organic acid solutions. II. A steel electrode 1-48560
 Gouda, V.K., Staehle, R.W. Effect of metallurgical variables on the corrosion fatigue behaviour of 304 stainless steel in sulphuric/chloride media 1-39411
 Goudas, C.L. see Georgantopoulos, G.A. 1-54356
 Goudas, C.L. see Kafousis, N.G. 1-54355
 Gouesbet, G. see Garo, A. 1-2051
 Gouesbet, G. see Schwebel, O. 1-42118
 Gouesnard, J.P., Dorie, J. ¹⁵N and ³¹P NMR study of 2-amino 1,3-dimethyl 1,3-diaz-2-phospholanes 1-6282
 Gouesnard, J.-P., Dorie, J., Martin, G.J. Study of the P-N bond in some trivalent phosphorous derivatives by nitrogen 15 and phosphorus 31 resonance; statistical analysis of some given experiments 1-10752
 Gouet, M., Bulvestre, G., Chappey, B., Guillou, M. Mechanism of high temperature electric conduction of solid solutions of cerium and zirconium oxides and doping with tantalum oxide 1-38773
 Gougerot, L., Petitclerc, T. Admittance variations of the cutaneous effector in the galvanic skin response 1-8838
 Gough, D. Some theoretical remarks on solar oscillations 1-27467
 Gough, D. see Christensen-Dalsgaard, J. 1-27462, 1-27470
 Gough, D.I., de Beer, J.H. Source-field bias in geomagnetic transfer functions: a case history 1-53980
 Gough, D.O. see Berthomieu, G. 1-27469
 Gough, D.O. see Christensen-Dalsgaard, J. 1-27455, 1-27474
 Gough, M.P. A technique for rocket-borne detection of electron bunching at megahertz frequencies 1-27306
 Gouguenheim, L. see Bottinelli, L. 1-49528
 Goulard, B. see Cheng, W.K. 1-41079
 Goulard, R., Emmerman, P.J. Combustion diagnostics by multiangular absorption 1-53521
 Goulard, R. see Emmerman, P.J. 1-2050
 Goulart Rosa, S., Jr. The mean field free energy as a lower bound for the quenched free energy of magnetic systems with random interactions 1-20999
 Goulay, A.M., Vincent-Geisse, J. Rotational relaxation of OCS in liquid n-heptane: viscosity and free volume dependence 1-25138
 Gould, C.M. see Bartolac, T.J. 1-34539
 Gould, C.M. see Bozler, H.P. 1-3237
 Gould, C.M. see Ong, N.P. 1-42837
 Gould, H. see Breinig, M. 1-29113
 Gould, M.D. A trace formula for semi-simple Lie algebras 1-10097
 Gould, P.L., Oldershaw, G.A., Smith, A. Reaction of hot hydrogen atoms with chloromethane 1-31830
 Gould, R.D., Rahman, M.S. Power-law currents in some ZnO-Sn composite materials 1-30753
 Gould, R.G., Belanger, B., Goldberg, H.I., Moss, A. Objective performance measurements versus perceived image quality in intensified fluoroscopic or photostat images 1-53886
 Gould, R.J. Kinetic theory of relativistic plasmas 1-38137
 Gould, R.O. see Beurskens, P.T. 1-2279
 Goulding, C.A. see Horen, D.J. 1-50568
 Goulding, C.A. see Rogers, J.G. 1-23660
 Goulding, F.S. see Haller, E.E. 1-52518
 Goulet, P., Joy, M.L.G. Resolution of pinhole collimators used with gamma cameras 1-8994
 Goulet, P. see Verry, C. 1-51186
 Goulon, J. see Afshar, M.N. 1-36679
 Gouman, J. see van Rosmalen, G.M. 1-53078
 Goumiri, L., Laty, P., Joud, J.C., Desre, P. AES studies of surface composition of Al-Sn and Al-Cu liquid alloys 1-30527
 Gounaris, G.J. see de Groot, E.H. 1-5560
 Gounaris, G.P. see Roumeliotis, J.A. 1-1453
 Gounelle, Y. see Courtieu, J. 1-52851
 Gourdin, M., Xuan Yem Pham W boson pair production by electrons and positrons of same helicity 1-18463
 Gourdin, M. see Delduc, F. 1-5566, 1-5567
 Gourdon, J.C., Fretier, P., Pescia, J. Spin-lattice relaxation in amorphous silicon. Evidence of anomalous temperature dependences 1-34924
 Goure, J.P. see Gagnaire, H. 1-11091, 1-33817, 1-37610
 ourgout, J.-M. Use of the IMS-3f high mass resolving power 1-28125
 Gourelly, P.L., Wolfe, J.P. Kinetics of excitons, biexcitons and free carriers in Si 1-47488
 Gourenne, A. Graphite induction furnace design and application to optical fiber multipulling 1-11209
 Gourrier, S., Dimitriou, P., Theeten, J.B., Perriere, J., Siejka, J., Croset, M. Enhanced plasma oxidation at low temperature using a thin solid electrolyte film 1-48551
 Gousseau, R. see Charles-Georges, A. 1-6645
 Goutte, D., Bellicard, J.B., Cavedon, J.M., Frois, B., Huet, M., Leconte, P., Phan Xuan Ho, Platchkov, S., Heisenberg, J., Lichtenstadt, J., Papanicolas, C.N., Sick, I. Determination of the transition charge density of the octupole vibration in ²⁰⁸Pb 1-14443
 Goutte, R. see Jayet, Y. 1-51676
 Gouttebroze, P. see Jouchoux, A. 1-40448
 Gouttebroze, P. see Vial, J.C. 1-27458
 Goutzoulis, A. see Psaltis, D. 1-46240
 Gouveia, A.D. see Kesava Das, V. 1-54112
 Gouveia, A.D. see Ramesh Babu, V. 1-54109
 Gouveia, A.D. see Varma, K.K. 1-54111
 Gouw, G.J. see Wevers, H.W. 1-49161
 Goux, J.M. see Karduck, P. 1-12836
 Goux, W.J., Hooker, T.M., Jr. Chiroptical properties of proteins. I. Near-ultraviolet circular dichroism of ribonuclease S 1-48959
 Gouyet, J.-F. see Vazquez, G.J. 1-35507
 Gouze, N. see Bossier, F. 1-35626
 Gouzerh, J. Calculation of reflectance of an amplifying layer 1-1565
 Gouzou, J. see Marique, C. 1-8335
 Govaer, D. see Gordon, J.M. 1-13165
 Govaerts, P. see Deworm, J.P. 1-32257
 Govaerts, R. see Degrauwe, J. 1-31377
 Govaerts, R. see Frisson, L. 1-32011
 Govan, D.R. see Nelson, M.E. 1-8768
 Govan, J.A. see Gardner, K. 1-43934
 Gove, H.E. Ultrasensitive mass spectrometry with tandem electrostatic accelerators 1-23361
 Gove, H.E. see Finkel, R.C. 1-36034
 Gove, H.E. see Nishizumi, K. 1-40432
 Gove, H.E. see Sugarbaker, E. 1-33210
 Gover, A. A free-electron laser based on periodic longitudinal electrostatic bremsstrahlung 1-10973
 Gover, A. An analysis of stimulated longitudinal electrostatic bremsstrahlung in a free-electron laser structure 1-19314
 Gover, A. Predicted effect of mode cooperation and white-light lasing in warm-beam free-electron lasers 1-29246
 Gover, J.E., Stuetzer, O.M., Johnson, J.L. Small helical flux compression amplifiers 1-32982
 Govignon, J. see Mahajan, V.N. 1-46250
 Govil, A.K., Arora, J.S., Haug, E.J. Optimal design of frames with substructuring 1-37818
 Govil, A.K., Kumar, S., Parshad, R. Investigations on the second harmonic generation at breakdown in p-n junctions 1-3049
 Govil, G. see Hosur, R.V. 1-53750
 Govil, K.K., Aggarwal, K.K. New method for maximum power consideration in solar cells with and without resistive losses 1-35648
 Govil, R., Choudhury, R.K. Analysis of prompt neutron anisotropies in thermal neutron fission of ²³⁵U 1-23691
 Govinda Raju, G.R., Mokashi, A.D. Breakdown and V-I characteristics of dry air below Paschen minimum in crossed electric and magnetic fields 1-11612
 Govindanunty, T., Sivaram, B.M. Solvent effects on the gain of rhodamine 6G 1-19328
 Govindanunty, T., Sivaram, B.M. Gain studies on a uranin-DAMC dye mixture laser under nitrogen laser pumping 1-24416
 Govindarajan, J. see Govindarajan, R. 1-16007
 Govindarajan, J. see Nerenberg, M.A.H. 1-20341
 Govindarajan, R., Haridasan, T.M., Govindarajan, J. Mode gammas and thermal expansion of CaF₂ 1-16007
 Govindjee see Malkin, S. 1-22061
 Govor, L.I. see Avchukhov, V.D. 1-33235
 Govor, L.I. see Demidov, A.M. 1-45447
 Govorkov, A.B. Unitary quantization 1-18400
 Govorkov, B.B. see Aleksandrov, Yu.A. 1-5634
 Govorkov, V.G. see Stepanov, E.A. 1-3959
 Gow, C.E. see Honeycutt, R.K. 1-9498
 Gowd, T.N., Rummel, F. Effect of confining pressure on the fracture behaviour of a porous rock 1-22332
 Gowda, B.H.L., Gerhardt, H.J., Kramer, C. Mean-flow and turbulence measurements in the near wake of a rectangular cylinder under stationary and galloping conditions 1-11408
 Gowda, B.H.L., Narayana, P.A.A. An experimental investigation of separating flow on a convex surface 1-42030
 Gowda, R. see Puttaswamy, K.S. 1-48195
 Gower, J.F.R. see Tabata, S. 1-27174
 Gower, M.C. KrF laser-induced breakdown of gases 1-42124
 Gower, M.C. see Kearsley, A.J. 1-29269
 Goworek, T., Rybka, C., Wasiewicz, R., Wawryszyk, J. Temperature dependence of three-quantum annihilation in organic crystals 1-11788
 Goworek, T. see Cizek, A. 1-16623
 Gowrisankaran, S. see Prasanna Venkatesan, S. 1-48598
 Goy, G. General catalogue of O-type stars. Spectroscopic and photometric data. Magnetic tape and listing 1-9389
 Goya, H. see Edge, O. 1-52863
 Goyal, A. see Biswas, S.N. 1-18510
 Goyal, D.P., Misra, J.N. $\Sigma^+ p \pi^+$ resonant structure from an analysis of $K^0 \rightarrow \Sigma^+ p \pi^+$ 1-5647
 Goyal, D.P. see Arya, N.S. 1-33205
 Goyal, D.P. see Kumar, V. 1-33207
 Goyal, D.P. see Sengupta, P.K. 1-45365
 Goyal, D.P. see Singh, S. 1-28797
 Goyal, I.C. see Khular, E. 1-46552
 Goyal, M.L., Sharma, K.K., Srivastava, G.P. Near field inhomogeneities in SHG 1-41776
 Goyal, M.L., Sharma, K.K., Srivastava, G.P. Near field inhomogeneities in third harmonic generation 1-51542
 Goyal, S.C., Lays, M.M. The study of the pressure derivative of the bulk moduli in ionic solids 1-15945
 Goyal, S.C. see Kumar, V. 1-25394
 Goyal, V.K., Sharma, P.K. Shear viscosity of isotopically disordered insulating solids 1-2585
 Goyal, V.K., Sharma, P.K. Lattice viscosity of displacive ferroelectric crystals 1-42501
 Goyal Ashok see Ashok Goyal
 Gouypiron, A., de Villepin, J., Novak, A. Raman and infrared study of KHSO₄ crystal 1-21193
 Gozani, T., Sugarman, A. Safeguards applications for perimeter monitors and fuel labeling in fuel fabrication plants 1-14598
 Gozdz, A., Szpikowski, S. Complete and orthonormal solution of the five-dimensional spherical harmonic oscillator in Bohr-Mottelson collective internal coordinates 1-23536
 Gozdzik, K. see Ciurapinski, W. 1-15261
 Gozel, P., van den Bergh, H. Electric field effects in the infrared multiphoton dissociation of CF₃HCl 1-46041
 Gozu, K. see Hayashi, K. 1-26167
 Gozzini, A. see Zandomeneghi, M. 1-48708
 Graaf, A.S. de see De Graaf, A.S.
 Graaf, B. van De see Van De Graaf, B.
 Graaf, E.A.B. de see De Graaf, E.A.B.
 Grabaric, B.S. see Tkalec, M. 1-48758
 Grabbe, C.L. Resonance cones and guided wave modes 1-2199
 Grabbe, B. see Schreiber, H.-U. 1-47280
 Graben, H.W. see Haile, J.M. 1-158, 1-2299
 Graber, N.A., Orfino, F., Schwerdtfeger, C.F. Photoluminescence of chromium doped CdIn₂S₄ 1-21270
 Grabianowski, A., Danda, A., Ortner, B., Stuwe, H.P. Different work hardening in swaged and drawn copper 1-3780
 Grabinskii, N.V., Sigov, A.S. Scattering of light from defective crystals near structural phase transition 1-26210
 Grabisch, K. see Lehr, H. 1-50700
 Grabitz, G. On the singular points in the linearised solution to a rotationally symmetric free jet 1-37987
 Grabko, D.Z. see Boyarskaya, Yu.S. 1-48609
 Grabmayr, P., Rapoport, J., Finlay, R.W. Elastic and inelastic scattering of 24 MeV nucleons from oxygen isotopes 1-23656
 Grabner, W., Bukovics, C. Apparatus for the measurement of the magnetic susceptibility of oxygen in the critical region [of gas-liquid phase transition] 1-29146
 Grabosch, H.J. see Arestov, Yu. 1-5668
 Grabosch, H.J. see Arestov, Yu.I. 1-36892

- Grabov, V.M., Shcherbakov, A.A. Calculation of the electrical and physical characteristics 1-15664
- Grabowski, V.V. see Gerashchenko, O.A. 1-8641
- Grabow, J.D., Aronson, A.E., Offord, K.P., Rose, D.E., Greene, K.L. Hemispheric potentials evoked by speech sounds during discrimination tasks 1-4293
- Grabow, J.D., Aronson, A.E., Rose, D.E., Greene, K.L. Summated potentials evoked by speech sounds for determining cerebral dominance for language 1-4292
- Grabowska, E. see Bojarski, C. 1-6311
- Grabowska-Olszewska, B. see Sergeyev, Y.M. 1-49266
- Grabowski, R., Gumula, A., Sloczynski, J. Analysis of IR and Raman spectra of transition metal telluriumolates 1-8058
- Grabowski, R. see Unger, L. 1-28036
- Grabowski, W.J. Nonparallel stability analysis of axisymmetric stagnation-point flow 1-11371
- Grabowski, Z.W. see Jagannath, C. 1-52976
- Grabski, M.W., Wyrzykowski, J.W. The effect of the spreading of grain boundary dislocations on the tensile behaviour of a fine-grained austenitic steel at high temperatures 1-3841
- Gracco, V. see Berglund, A. 1-36881
- Gracco, V. see Bozzo, M. 1-23961
- Grace, O.D. Magnitude squared coherence for a unichannel pure tone 1-11253
- Grace, O.D. Instantaneous power spectra 1-37710
- Grach, S.M., Mityakov, N.A., Rapoport, V.O., Traktengert, V.Yu. Thermal parametric turbulence in a plasma 1-51951
- Gracher, A.I., Matveev, A.K., Mordukhovich, M.I. Numerical experiment in determining parameters of atmospheric infrasonic waves by spectrum-coherence analysis method 1-44240
- Gracher, A.I., Zagoruiko, S.V., Matveev, A.K., Mordukhovich, M.I., Chunchuzov, E.P. On connection of internal gravity waves in the atmospheric surface layer with wind in the upper troposphere 1-13515
- Grachev, A.I. see Petrov, M.P. 1-25761
- Grachev, B.D., Kozlovskii, S.S., Korobochko, Yu.S., Mineev, V.I., Trochenko, A.F. Inelastic scattering of 100 keV electrons in thin polycrystalline copper films 1-31251
- Grachev, G.S. see Baryshnikova, L.F. 1-52227
- Grachev, G.S. see Pospelov, Yu.A. 1-52481
- Grachev, V.G. see Alferova, Z.A. 1-32745
- Grachev, V.G. see Gosachinski, I.V. 1-32746
- Grachev, V.M. see Gal'per, A.M. 1-13555
- Gracheva, G.P., Morozov, V.N., Popaykovskaya, L.K., Skudaev, Yu.D. Properties and possibility of application of a toluene-nitrogen monoxide flame in atomic absorption spectroscopy 1-4089
- Grachov, A.G. see Aksinenko, V.D. 1-18662
- Grachov, V.T., Gusev, Yu.I., Seliverstov, D.M., Smirnov, N.N. Energy, angular and mass correlations in the thermal neutron induced fission of ^{235}U accompanied by ^4He , Li , and Be nuclei 1-18701
- Graciet, M. see Salmon, R. 1-20148
- Graczyk, J.F. Crystallization and atomic scale structure of sputtered amorphous Fe-B films 1-11681
- Graczyk, J.F. see Tsaur, B.Y. 1-16275
- Grad, H. Alternating dimension plasma transport in three dimensions 1-2162
- Grad, H. see Jensen, T.H. 1-42182
- Grad, M. see Sollogub, V.B. 1-22281
- Grady, J. see Soderblom, L. 1-36209
- Gradschnig, W. see Praxl, G. 1-15585
- Gradon, L. see Payatakes, A.C. 1-2070
- Gradov, O.M., Stenflo, L., Tegeback, R., Sunder, D. On nonlinear resonant absorption of surface waves 1-2173
- Gradov, V.M., Petrikevich, B.B., Shcherbakov, A.A. Theoretical and experimental investigation of high-level radiation sources used to model a heat input 1-46661
- Gradow, O.M. see Andrejew, N.E. 1-11564
- Grady, D.E. see Kipp, M.E. 1-1889
- Grady, D.J., Robertson, J.C. A spurious pulse problem in a gas flow proportional counter 1-28809
- Gradzki, F. The electrostatic interaction between two ions in an ideal dipolar gas 1-46835
- Graebel, W.P. The influence of Prandtl number on free convection in a rectangular cavity 1-33957
- Graebner, G. see Stocker, H. 1-5722
- Graebner, J.E. see Golding, B. 1-16000
- Graedel, T.E., McRae, J.E. On the possible increase of the atmospheric methane and carbon monoxide concentrations during the last decade 1-35731
- Graedel, T.E. see Kleiner, B. 1-36063
- Graef, M.W.M. see van Enckevort, W.J.P. 1-47399
- Graeff, W. X-ray and neutron interferometry 1-36782
- Graessley, W.W. see Marin, G. 1-51729
- Graf, B., Thillard, M.J., Laporte, A., le Gall, J., Labat, M.L., Milhaud, G. Neurography of the skeleton 1-17475
- Graf, B. see Monette, P. 1-31920
- Graf, D. A simulation model of the negative corona discharge 1-20012
- Graf, E.H. see del Cuetio, J. 1-2759
- Graf, G. see Handel, E.D. 1-13211
- Graf, H. A modified Thomas-Fermi approximation valid beyond the classical allowed region 1-23581
- Graf, M., Verpoort, C. Influence of microplasticity and crack initiation on the fatigue behaviour of precipitation hardened alloys 1-31653
- Graf, U., Romstedt, P., Werner, W. A weighted residual approach to two-phase flow problems in nuclear systems 1-28570
- Graf, V. see Muegele, T. 1-7080
- Grafarend, E. see Dermanis, A. 1-32533
- Graff, G., Holzschneider, M. Method for trapped ion polarization and polarization detection 1-10870
- Graff, G., Kalinowsky, H., Traut, J. A direct determination of the proton electron mass ratio 1-557
- Graff, K.A. see Myers, M.N. 1-28635
- Graff, W.R., Sargent, D.C. A new grain-boundary etchant for aluminum alloys 1-48624
- Graffi, S., Grecchi, V. Resonances in the Stark effect of atomic systems 1-51160
- Grafo, B.M. see Martem'yanov, S.A. 1-51763
- Grafo, B.M. see Vorotyntsev, M.A. 1-29695
- Grafstrom, P. see Burq, J.P. 1-23912
- Grafutin, V.I. see Byakov, V.M. 1-12991
- Gragerov, I.P. see Rykova, L.A. 1-39628
- Graham, C.D. see Ma, B.M. 1-12360
- Graham, C.D., Jr. see Kulkarni, S.B. 1-26563
- Graham, D. see Winnberg, A. 1-36283
- Graham, D.A. see Morris, D. 1-36320
- Graham, E., Hedges, M., Leeman, S., Vaughan, P. Cavitational bio-effects at 1.5 MHz 1-39963
- Graham, G.D. see Dixon, D.A. 1-45808
- Graham, G.M., Lahoz, D.G. Comments on 'The Abraham force: comments on two recent experiments' 1-19238
- Graham, G.M. see Caporaletti, O. 1-34909
- Graham, G.M. see Lahoz, D.G. 1-46190
- Graham, G.W., Silsbee, R.H. Transmission electron-spin resonance in copper-niobium sandwiches 1-21049
- Graham, J. Effects of low-level radiation 1-53826
- Graham, J. see Bennett, C.E.G. 1-17587
- Graham, J.A., Phillips, M.M. The first bright globular cluster in NGC 5128 1-4944
- Graham, J.M.R. see de Bernardinis, B. 1-46756
- Graham, L.S. see Olch, A.J. 1-35885
- Graham, R. Forward Hopf bifurcation with multiplicative gaussian white noise: exact Fokker-Planck solution 1-27879
- Graham, R. Solution of Fokker-Planck equations with and without manifest detailed balance 1-32917
- Graham, R., Schenzle, A. Dispersive optical bistability with fluctuations 1-46435
- Graham, R., Scholz, H.J. Analytic approximation of the Lorenz attractor by invariant manifolds 1-1923
- Graham, R. see Yamada, T. 1-6536
- Graham, R.A. Shock-induced electrical switching in polymeric films 1-34757
- Graham, R.A. Electrical activity in shock-loaded polymers 1-39040
- Graham, R.L. see Becken, R.B. 1-25871
- Graham, W.G. see Schneider, P.J. 1-43232
- Grabek, F.E. see Berg, W.W. 1-36031
- Grabl, K., Simon, C. Application of a two-dimensional boundary layer theory for axial compressors 1-11365
- Graine, E.R. see Turnšek, D.A. 1-36368
- Grainer, V. see Sendulesku, A. 1-23611
- Grainger, J.F., Job, J.A. A low-cost interferometrically controlled grid-generator 1-10017
- Grais, K.L., Bastawros, A.M. Field enhanced secondary electron emission from MgO and NaCl 1-21303
- Grais, K.L. see Jochum, K.P. 1-4836
- Graja, A., Swietlik, R., Sekretarczyk, G., Kral, K. Temperature-dependence of infrared absorption in the dimerized simple TCNQ salt of trimethylbenzimidazol 1-39066
- Graja, A. see Bulka, B.R. 1-25868
- Graja, A. see Przybylski, M. 1-25732
- Grall, Y. see Burgeat, M. 1-49014
- Grallath, E. see Lamparter, P. 1-52079
- Gram, P. see Gabathuler, K. 1-23681
- Gramaccioli, C.M., Filippini, G., Simonetta, M., Ramdas, S., Parkinson, G.M., Thomas, J.M. Structure and dynamics of a new phase of anthracene 1-47072
- Gramaccioli, C.M. see Bianchi, R. 1-34189
- Gramenitsky, I.M. see Battyunya, B.V. 1-600
- Gramenitsky, I.M. see Boos, E.G. 1-5661
- Gramila, T.J. see Genack, A.Z. 1-35050
- Gramila, T.J. see Gersten, J.I. 1-21203
- Graml, F. see Schonfelder, V. 1-9737
- Gramlich, K. see Winter, B. 1-42333
- Gramm, K. see Figueroa, E. 1-12273
- Grammatica, S. see Mort, J. 1-34742
- Grammaticos, B., Voros, A. Semiclassical approximations for nuclear Hamiltonians. II. Spin-dependent potentials 1-28396
- Grammaticos, B. see Abgrall, Y. 1-5752
- Grammaticos, B. see Blaizot, J.P. 1-50536
- Grammaticos, B. see Bonche, P. 1-5755
- Grammel, S.J. see Pierson, E.S. 1-53632
- Gramond, M. see Berar, J.F. 1-28146
- Grams, G.W. In situ light scattering techniques for determining aerosol size distributions and optical constants 1-9257
- Gramstad, T. see Futsaeter, N. 1-29003
- Gran, R., Rossi, M., Firestone, M. A survey of the TFTR feedback control design 1-910
- Gran, R., Rossi, M., Sobierajski, F., Rimer, M. TETR plasma control system analysis with power supply dynamics and diagnostic filtering 1-916
- Gran, Yu.M. see Koschenko, V.I. 1-11882
- Granatkin, E.V. see Volobuev, I.V. 1-11600
- Granat, G.W. see Balluffi, R.W. 1-2460
- Granato, A.V. see Isaac, R.D. 1-15891
- Granatstein, V.L. see Read, M.E. 1-1536
- Grand, P. see Steinberg, M. 1-5977
- Grand, P. see Takahashi, H. 1-18847
- Grand, Y. Le see Le Grand, Y.
- Grandal, B., Høltet, J.A., Troim, J., Mæhlum, B., Pran, B. Observations of waves artificially stimulated by an electron beam inside a region with auroral precipitation 1-32578
- Grande, G. De see De Grande, G.
- Grande, H.J. see Dunham, W.R. 1-21055
- Grande, N. Smetniansky-De see Smetniansky-De Grande, N.
- Grande, S. see Schmiedel, H. 1-20054
- Grandi, S.A., Phillips, M.M. Large- and small-scale structure in the continuum energy distributions of quasi-stellar objects and Seyfert 1 galaxies 1-9705
- Grandi, S.A. see Margon, B. 1-36289
- Grandi, T.A. see Kunzler, J.V. 1-7603
- Grandin, J.P., Husson, X. Study of temperature dependence of effective cross section of depolarisation by collision of 2p levels of Ar atom 1-33539
- Grandin, J.-P., Husson, X. Even-parity Rydberg and autoionising states in xenon 1-41352
- Grandin de l'Epreuvier, A., Payne, D.A. Flux growth in the $\text{Bi}_2\text{O}_3\text{-MoO}_3$ system 1-35160
- Grandjean, D. see Marouille, J.Y.L. 1-15852
- Grandjean, D.J. see Decker, D.L. 1-29359
- Grandjean, D.J. see Porteus, J.O. 1-29311
- Grandjean, P. see Siewert, C.E. 1-29728
- Grandori, F., Pedotti, A. Theoretical analysis of mechano-to-neural transduction in Pacinian corpuscle 1-8885
- Graneli, A., Jagner, D., Josefson, M. Microcomputer system for potentiometric stripping analysis 1-48755
- Graneli, A. see Danielsson, L.-G. 1-54103
- Graneli, B. see Dejus, R. 1-7383
- Granes, P. see Gay, J. 1-4791
- Granel, M., Hoang Trong, P. Some medium properties at Friuli (Italy) from amplitude spectrum analysis: a possible change in time or in space 1-17567
- Grange, G., Trocraz, M., Eyraud, L., Bauer, F. A method for determining a solid solution of the $\text{Pb}(\text{Hf}_{1-x}\text{Zr}_x)_2\text{TiO}_5$ type used for electromechanical energy conversion 1-21137
- Grange, G. see Ballard, B. 1-36701
- Grange, J.D. see Meggett, B.T. 1-3081
- Grange, P., Richert, J., Wolschtein, G., Weidenmüller, H.A. Influence of a collision term on finite-size one-dimensional TDHF 1-50618
- Grange, P., Weidenmüller, H.A. Fission probability and the nuclear friction constant 1-14560
- Granger, P., Chappel, S. Relaxation mechanisms of ^{125}Te and ^{127}Te and the temperature effect on chemical shift 1-14922
- Granger, R. see Kulviti, Y. 1-2870
- Granger, M. Aerial survey photography 1-28083
- Granier, B., Renard, R., Coutures, J.P. Ternary phase diagram of Ti-O-N -study of the $\text{TiO}_2\text{-TiN}$ cubic solid solution 1-48336
- Granier, P. see Rocaries, F. 1-17265
- Granik, A. Nonlinear Alfvén waves in a plasma with a finite conductivity 1-54358
- Granik, A.T. Kelvin-Helmholtz problem in a rotating Hall plasma 1-24955
- Granitskii, L.V., Bukach, A.B., Kaplin, Yu.V., Bondarenko, V.P. Information-measurement and control system of five-channel stellar spectrophotometer 1-27386
- Granlund, G.H. see Knutson, H.E. 1-22111
- Granlund, G.H. see Petersson, C.U. 1-22112
- Granlund, R.W. see Jester, W.A. 1-41259
- Grannan, D.M., Garland, J.C., Tanner, D.B. Critical behavior of the dielectric constant of a random composite near the percolation threshold 1-39024
- Grannec, J. see Matar, S. 1-20448
- Grannec, J. see Merchand, P. 1-3470
- Grannell, J.J., Quinlan, P.M. The edge-function method for thin anisotropic plate bending 1-29585
- Granneman, E.H.A. see de Haan, P.H. 1-37038
- Granneman, E.H.A. see Janssen, G.C.A.M. 1-41344
- Granovskii, A.B. see Benditskii, A.A. 1-25711
- Granovskii, Ya.I., Dimashko, Yu.A., Zhedanov, A.S. Parametric instability of linear systems in quantum theory 1-27826
- Granqvist, C.G. see Niklasson, G.A. 1-30600, 1-37409

- Gransberg, L., Knutsson, E., Litton, J.-E. A computer programmed system for the analysis of active and passive isokinetic movements 1-35904
- Gramstaff, S.M., Jr. *see* Auburn, J.J. 1-53584
- Grant, A. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Grant, A. *see* Blitschou, J. 1-10190
- Grant, A. *see* Fritze, P. 1-14431
- Grant, A. *see* Grassler, H. 1-50414
- Grant, A.L. *see* Deden, H. 1-28311
- Grant, D.M. *see* Hasan, B.K. 1-15694
- Grant, E.H. *see* Dawkins, A.W.J. 1-43897
- Grant, E.H. *see* Nightingale, N.R.V. 1-27041, 1-33002
- Grant, E.H. *see* Szwarnowski, S. 1-27029
- Grant, E.R. *see* Chou, J.-S.J. 1-37191
- Grant, F.H. *see* Engi, D. 1-14614
- Grant, I. Gated sampling with a simple periodicity applied to the photon correlation technique 1-42112
- Grant, I. *see* Baron, G.B. 1-40847
- Grant, I.P., McKenzie, B.J., Norrington, P.H., Mayers, D.F., Pypier, N.C. An atomic multiconfigurational Dirac-Fock package 1-28881
- Grant, I.P. *see* McKenzie, B.J. 1-33402
- Grant, K. Mesoscale surface humidity observations near the Home Counties tornado, 24 June 1979 1-32502
- Grant, K. Plotted synoptic charts and time-series graphs for research purposes 1-54252
- Grant, K.R. *see* Borrell, P.M. 1-24231
- Grant, M.A. *see* Shubert, G. 1-9189
- Grant, M.A. *see* Sorey, M.L. 1-36014
- Grant, N.J. *see* Sankaran, K.K. 1-8294
- Grant, P.J., Woodruff, G.L. Near-equilibrium measurements of delayed neutron spectra from fast fission of plutonium-240 1-725
- Grant, P.M., Krounbi, M. AC conductivity of semiconducting trans-polyacetylene 1-16289
- Grant, R.W. *see* Waldrop, J.R. 1-16346
- Grant, W. *see* August, L.S. 1-22137
- Grant, W.A., Whitton, J.L., Williams, J.S. Ion bombardment induced amorphous layers on single crystal stainless steel—a combined Rutherford backscattering and transmission electron microscopy study 1-7218
- Grant, W.A. *see* Ashworth, V. 1-21649
- Grant, W.B. *see* Shumate, M.S. 1-49404
- Grant, W.H., III *see* Chu, J.C.H. 1-23977
- Grant Athay, R., White, O.R. Temporal and spatial fluctuations in strengths and widths of C IV and Si II lines observed with OSO 8 1-9451
- Grantham, D.D. *see* Lund, I.A. 1-4616, 1-54188
- Grantham, F.H. *see* Goldstein, S.R. 1-22177
- Granville, M.F. *see* Auerbach, R.A. 1-37217
- Granville, N.W. *see* Callanan, J.E. 1-47251
- Granz, B. *see* Drumm, H. 1-14762
- Granzner, W. *see* Entenmann, W. 1-17526
- Grand, F. *see* Ajinenko, I.V. 1-592, 1-5667
- Grand, F. *see* Barth, M. 1-41018, 1-45377
- Grand, F. *see* Chliapnikov, P.V. 1-599
- Grand, F. *see* Soudraix, J. 1-5666
- Grand, R., Guillot, P. Rainfall/runoff relationship for the Saone river valley at Lyon 1-49302
- Gras-Marti, A., Sigmund, P. Distortion of depth profiles during ion bombardment. II. Mixing mechanisms 1-53029
- Grasdale, G.L., Castelaz, M., Gehrz, R.D., Kosai, H. Nova Cygni 1980 1-27524
- Grasdale, G.L. *see* Altamore, A. 1-17850
- Grasdale, G.L. *see* Gehrz, R.D. 1-9499
- Grasdale, G.L. *see* Persi, P. 1-36280
- Graser, B. *see* Strohmeier, W. 1-21724
- Grassano, U.M. Two-photon spectroscopy of point defects 1-3440
- Grassano, U.M. *see* Casalboni, M. 1-8127
- Grassberger, P. Velocity autocorrelations in a simple model 1-15568
- Grassberger, P. Where does the Drell-Yan picture really break down? 1-18432
- Grassberger, P. The Gribov process: soft parton interactions in so-called Reggeon field theory 1-28269
- Grassberger, P., Scheunert, M. Fock-space methods for identical classical objects 1-27856
- Grassberger, P., Scheunert, M., de la Torre, A. Flavouring the Gribov process 1-5609
- Grasse, D., Kocar, O., Peisl, H., Moss, S.C., Golding, B. Diffuse X-ray scattering and phonon echoes from neutron-irradiated crystalline quartz 1-42431
- Grasselli, J.G., Snavely, M.K., Bulkin, B.J. Applications of Raman spectroscopy 1-36470
- Grasser, R. *see* Bohm, M. 1-3502
- Grasserbauer, M. *see* Poroglou, Z. 1-3755
- Grasseschi, G.L. *see* Collins, P.J. 1-28663
- Grasshoff, H. Clinical and experimental applications of ultrasonics in medicine 1-32218
- Grasshoff, M. *see* Winnberg, A. 1-13833
- Grassie, T.G., Boulesteix, J., Galland, A. Automatic detection of the upstroke on peripheral pulse waveforms 1-53919
- Grassie, T.G., Karagozlu, B., MacGregor, J. Long-term ambulatory physiological surveillance equipment (LAPSE) 1-22144
- Grassler, H., Lanks, D., Schulte, R., Seyfert, H.H., Bockmann, K., Geich-Gimbel, C., Kokott, T., Nellen, B., Pech, R., Saarikko, H., Bosetti, P., Cocconi, V.T., Cundy, D.C., Grant, A., Hult, P.O., Klein, H., Morrison, D.R.O., Page, L., Peyrou, Ch., Schmid, P., Scott, W.G., Simopoulou, E., Wachsmuth, H., Aderholz, M., Schmitz, N., Settles, R., Wernhard, K.L., Wittek, W., Batley, R., Giles, R., Grossmann, P., Myatt, G., Perkins, D.H., Radojicic, D., Renton, P., Saitta, B. Observation of charmed baryon production in np interactions in BEBC 1-50414
- Grassler, H. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Grassler, H. *see* Deden, H. 1-28311
- Grassler, H. *see* Fritze, P. 1-14431
- Grassler, J. *see* Blitschou, J. 1-10190
- Grassmuck, J. Status of German heat pump standards—DIN 8957 and 8900 1-43795
- Grasso, D. *see* Buemi, G. 1-24278
- Grasso, G. *see* Costa, B. 1-11147
- Grasso, M. *see* Nassau, K. 1-34505
- Grasyuk, A.Z. *see* Baranov, V.O. 1-33763
- Grathwohl, G., Thummler, F. Interaction between creep, oxidation and microporosity in reaction-bonded silicon nitride 1-48417
- Gratias, D., Portier, R. Principles of TEM contrast simulations of inclined interfaces in homogeneous crystals 1-28131
- Gratias, D. *see* Guymont, M. 1-2297
- Gratias, D. *see* Portier, R. 1-15909
- Gratreau, P. A method for the determination of confinement time for highly ionized impurities by numerical simulation in Tokamaks 1-19941
- Gratsianov, Yu.A. *see* Glezer, A.M. 1-21492
- Gratsianov, Yu.A. *see* Pokatilov, V.S. 1-26076
- Grattan, K.T.V., Hutchinson, H.R., Theocharus, E.S. Measurement of the wavelength-dependent photoionization cross section of $\text{Se}^{+}(\text{I})$ in the spectral region of 170-175 nm 1-19061
- Grattarola, M. *see* Beltrame, F. 1-32332
- Gratton, R.G. Analysis of low dispersion spectra of globular cluster stars 1-13769
- Gratz, E., Hilscher, G., Kirchmayr, H., Sassik, H. Transport and magnetic properties of the $\text{Gd}(\text{Co}, \text{Ni})_{1-x}$ series ($0 \leq x \leq 0.3$) 1-25701
- Gratz, E., Kirchmayr, H.R., Sechovsky, V., Wohlfarth, E.P. Magnetic and transport properties of the intermetallic compound Y_2Co_3 1-12271
- Gratz, E., Sassik, H. Transport properties of RECo_3 compounds ($\text{RE}=\text{Th}, \text{Dy}, \text{Ho}, \text{Er}, \text{Y}$) 1-42747
- Gratz, E., Sechovsky, V., Wohlfarth, E.P., Kirchmayr, H.R. The magnetic and transport properties of the compounds $(\text{Gd}, \text{Y})_2\text{Co}_3$ 1-25898
- Gratz, E. *see* Hafner, J. 1-30705
- Gratz, E. *see* Sechovsky, V. 1-47887
- Gratzel, M. Photochemical methods for the conversion of light into chemical energy 1-35667
- Gratzel, M. *see* Borgarello, E. 1-35663
- Gratzel, M. *see* Kiwi, J. 1-53402
- Grau, G.K., Leminger, O.G. Relations between near-field and far-field intensities, radiance, and modal power distribution of multimode graded-index fibers 1-41839
- Grau, G.K., Leminger, O.G., Sauter, E.G. Selective excitation of parabolic-index optical fibers by Gaussian beams: comment 1-41833
- Grau, G.K. *see* Sauter, E.G. 1-1698
- Grau, P., Czapselski, M., Berg, G., Klahre, G., Suszynska, M. Critical flow stress of air grown NaCl -Ca crystals annealed between 200 and 300°C 1-7245
- Grael, A. Thermodynamics of an interfacial fluid membrane 1-16150
- Graul, D.W. *see* Kale, P. 1-36161
- Graumann, R. *see* Nizyporuk, B. 1-33175, 1-50421, 1-50447
- Grave, B. *see* Fric, W. 1-43815
- Gravel, R.L. *see* Nelson, A.R. 1-6658
- Graveris, V.J. *see* Bertoldi, P.G. 1-2498
- Graves, A.L. *see* Fulton, A.B. 1-8865
- Graves, D.H., De Vore, R.W. (editor) Proceedings of the 1980 Symposium on Surface Mining Hydrology, Sedimentology, and Reclamation 1-27685
- Graves, G.A., Detrio, J.A., McCullum, D., Dempsey, D.A. Mechanical and optical properties of forged NaCl 1-29355
- Graves, G.A. *see* Detrio, J.A. 1-29358
- Graves, R. *see* August, L.S. 1-22137
- Graves, R. *see* McDonald, J.C. 1-44007
- Graves, R.G. *see* Hertel, N.E. 1-53817
- Graves, R.J., White, H.W. Specific heat of halocarbon 25-5s grease polychlorotrifluoroethylene in silica gel below 4.5K 1-42545
- Graves, R.J. *see* McCarthy, C.M. 1-38936
- Graves, W. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Graves, W.G., Collins, R.E. Non-Newtonian fluid displacement in an irregular annulus of axial symmetry 1-37973
- Graves, W.R., Heil, C., Urban, M. A parallel plate avalanche counter to detect minimum ionizing particles 1-14754
- Graves, Y.B. *see* Anderson, J.E. 1-39762
- Gravey, P. *see* Fleuret, J. 1-41612
- Gravin, V.O., Yarinin, V.S. "Superradiative" state of three base-oscillators 1-1773
- Gravins, R. *see* Bernard, A. 1-49503
- Gray, A.H., Jr., Wong, D.Y. The Burg algorithm for LPC speech analysis/synthesis 1-29470
- Gray, A.H., Jr. *see* Markel, J.D. 1-6723
- Gray, A.L. *see* Houk, R.S. 1-50259
- Gray, C.G. Definition of the magnetic quadrupole moment 1-22980
- Gray, C.G. *see* Haile, J.M. 1-30020
- Gray, C.G. *see* Sullivan, D.E. 1-43058
- Gray, C.L. *see* Mauritz, K.A. 1-38249
- Gray, D., Murdoch, J., Sim, S.M.L., Cole, J., Evans, R.G., Toner, W.T. Time resolved spectroscopy from laser produced plasmas 1-29917
- Gray, D.F. Observation of rotation velocities in A stars 1-44560
- Gray, D.R., Hares, J.D., Kilkenny, J.D., Veats, S.A., Evans, R.G., Toner, W.T. X-ray diagnosis of the interaction of $0.53\text{ }\mu\text{m}$ radiation with layered targets at $5 \times 10^{14}\text{ W cm}^{-2}$ 1-29916
- Gray, D.R., Murdoch, J., Sim, S.M.L., Cole, A.J., Evans, R.G., Toner, W.T. Time-resolved spectroscopic studies of laser-produced plasmas 1-19961
- Gray, D.V. Variations in the K-line emission of Arcturus 1-9480
- Gray, E.W., McKnight, L.G. Some arcing mechanisms in lightning protectors at atmospheric pressure 1-46935
- Gray, F. *see* Sharp, A.D.L. 1-9140
- Gray, H.B. *see* Taniguchi, V.T. 1-13035
- Gray, J. *see* Bainbridge, A. 1-28587
- Gray, J.C., Fraser, G.A., Truhlar, D.G., Kulander, K.C. Quasiclassical trajectory calculations and quantal wave packet calculations for vibrational energy transfer at energies above the dissociation threshold 1-37311
- Gray, J.L. *see* Stokes, L.F. 1-33853
- Gray, K.E. *see* Bance, P.A. 1-34838
- Gray, K.E. *see* Kampwirth, R.T. 1-52730
- Gray, M.H. *see* Rosiewicz, A. 1-19439
- Gray, P. Size effects in regular solution theory applied to some molten alloys 1-30396
- Gray, P., Cusack, N.E., Tamaki, S., Tsuchiya, Y. Thermodynamic properties of liquid Na-Tl 1-16065
- Gray, P., Griffiths, J.F., Hasko, S.M., Lignola, P.-G. Oscillatory ignitions and cool flames accompanying the non-isothermal oxidation of acetaldehyde in a well stirred, flow reactor 1-29795
- Gray, P. *see* Boddington, T. 1-17057
- Gray, P. *see* Bond, J.R. 1-34659
- Gray, P.L. Licensing of away-from-reactor (AFR) installations 1-18838
- Gray, R.J. The design and performance of a set of MWPCs with 0.5 mm wire spacing 1-14738
- Gray, R.W., Applegate, H.G., Roser, W.R. Analysis of particulates by scanning electron microscopy and ion probe 1-53718
- Gray, S. An enigmatic crater [Canadian Shield] 1-40132
- Gray, S.H. One-dimensional velocity inversion for acoustic waves: Numerical results. II 1-37642
- Gray, S.K., Miller, W.H., Yamaguchi, Y., Schaefer, H.F., III Reaction path Hamiltonian: tunneling effects in the unimolecular isomerization $\text{HNC} \rightarrow \text{HCN}$ 1-8554
- Gray, S.W. *see* Corcoran, M. 1-33204
- Gray, T.G.F. An upper-bound on J for a cracked infinite plate made of wholly non-linear material 1-19641
- Gray, T.J. Energy dependence of La-to-Li X-ray intensity ratios for Yb and Pb produced by heavy-ion bombardment 1-1323
- Gray, T.J., Cocke, C.L., Justiniano, E. Charge-state correlated cross sections for the production of low-velocity highly charged Ne ions by heavy-ion bombardment 1-1359
- Gray, W.M. *see* Bache, R.A. 1-43887
- Gray, W.M. *see* McBride, J.L. 1-22460, 1-22461
- Graydon, W.F. *see* Kirk, D.W. 1-16968
- Grayeli, N. *see* Kino, G.S. 1-48594
- Grayer, G. *see* Sachardis, E.J. 1-50469
- Grayer, G.H. *see* Watts, S.J. 1-5648, 1-23518
- Graysky, A. *see* Levin, R. 1-47593
- Grayson, M.A. *see* Raj, K. 1-9989
- Grayson Alexander, M., Goshorn, D.P., Onn, D.G. Low-temperature specific heat of the graphite intercalation compounds KC_8 , CsC_8 , RbC_8 , and their parent highly oriented pyrolytic graphite 1-25451
- Grayzeck, E.J. 21-cm observations of the Cep IV star-formation region 1-36345
- Gratzhdankina, S.N. *see* Gol'dshtein, V.Ya. 1-39349
- Gratzhdankina, S.N., Berenev, Yu.S., Rybin, V.V., Medvedeva, I.V., Novikov, M.A. The effect of high pressure on micromagnetic and superparamagnetic properties of alloys MnBi 1-30942
- Gratzhdankina, N.P., Medvedeva, I.V., Pashevsk, A.V. New magnetic properties of MnSb alloy under the actions of high temperatures and pressures 1-20978

- Graziani, F. The Large Space Systems and the remote sensing of soil moisture 1-4661
- Graziani, G., Zanantoni, C. LABYRINTH—an energy flow scheme for policy evaluation 1-39718
- Graziani, P. see Castellini, G. 1-1780, 1-53930
- Graziani, P. see Emiliani, P.L. 1-1779
- Greedy, J.E. The effects of H-bonding, change of state and molecular distortion on ^1H and ^{16}O nuclear quadrupole coupling constants: general theoretical considerations and specific application to formic acid 1-45987
- Greathatch, W. Physiological stimulants and their power sources 1-5074
- Greates, C.A. A review of laser systems in flow measurement 1-42111
- Greatrex, R. see Gibb, T.C. 1-26086
- Greaves, J.R., Makin, B. Measurement of the electrostatic charge from aerosol cans 1-20856
- Grebbsell, F.S. see Webb, J.A.C. 1-49122
- Grebchenkin, V.A. see Rapoport, S.M. 1-43380
- Grebchenkin, V.G. see Bondarenko, E.A. 1-38824
- Grebchenko, A.I. see Arutyunyan, E.G. 1-32094
- Grebchen'kov, A.Zh. see Dashuk, A.G. 1-52307
- Grebchen'kov, Zh.A., Zatepin, O.I. The methods of predicting variable regimes of heat-exchangers of power stations with a dissociating coolant 1-18735
- Grebennik, V.S. Comparison of electric-potential and ultrasonic methods of studying crack formation during failure of steel specimens 1-4037
- Grebennik, V.S. see Lantukh, V.M. 1-39571
- Grebennikov, M.V. see Malakhov, S.K. 1-17128
- Grebennikov, O.F., Kulakov, A.K., Tikhomirova, G.V. Contrast sensitivity of visual analyzer when perceiving space and time image signals 1-26907
- Grebennikov, V.A. see Uglov, A.A. 1-15924
- Grebinnik, V.G., Gurevich, I.I., Zhukov, V.A., Klimov, A.I., Lozina, L.A., Maiorov, V.N., Manyach, A.P., Nikol'skii, B.A., Pirogov, A.V., Ponomarev, A.N., Selivanov, V.I., Suetin, V.A. Diffusion of μ^- mesons in vanadium 1-43054
- Grebisowicz, J. see Pakula, T. 1-30030
- Grebisova, O.M. see Troitski, V.N. 1-48714
- Gree, G., Fossat, E., Pomerantz, M. Solar oscillations: full disk observations from the geographic South Pole 1-27454
- Gree, G. see Fossat, E. 1-49593
- Greechi, V. see Graffi, S. 1-51160
- Greech, E., Glowiat, T., Malarski, Z., Sobczyk, L. The structure and IR spectroscopic behaviour of phthalazine hemipercarbonate 1-28962
- Grechannyi, A.G. Fokker-Planck equation for distribution of fluctuations of hydrodynamic fields in equilibrium gas 1-2132
- Grechaniuk, N.I. see Bunshah, R.F. 1-16721
- Grechisnikov, A.V. see Ramendik, G.I. 1-52007
- Grechka, G.P. see Migolinski, I.M. 1-41800
- Grechko, G.M. see Bruns, A.V. 1-27441
- Grechnev, K.V., Istomin, V.G., Ozerov, L.N., Klimovskii, V.G. The mass spectrometer for Venera 11 and 12 1-9345
- Grechnev, K.V. see Istomin, V.G. 1-9398
- Grechukhina, T.G. see Voitov, G.I. 1-44123
- Grechushnikova, B.N., Konstantinova, A.G., Lomako, I.D., Kalinkina, I.N. Optical activity and absorption in birefringent crystals for various azimuths of the incident light polarization 1-31122
- Grechushnikov, B.N. see Kalinkina, I.N. 1-4133
- Grechushnikov, B.N. see Koryshev, S.V. 1-5408
- Grecova, L.D. see Abrahmanov, E.O. 1-722
- Greday, T., Lamberigts, M. Effects of aluminium and nitrogen on the microprecipitation in HSLA steels 1-21454
- Greday, T. see Gaspard, C. 1-21484
- Gredekul, O.A. see Bass, F.G. 1-25765
- Grediko, V.E. see Blinov, A.V. 1-23665
- Gredan, J.E. see MacLean, D.A. 1-25870
- Gredan, J.E. see Soderholm, L. 1-25912
- Gredan, J.E. see Turner, C.W. 1-25892
- Greef, J.F. De see De Greef, J.F.
- Gregor, R.B. see Horne, W.E. 1-48859
- Gregor, R.B. see Sandstrom, D.R. 1-31228
- Gregor, A.E.S. see Doda, D.D. 1-49272
- Green, A.E.S. see Ganas, P.S. 1-10845
- Green, A.G. Delineation of geologic contacts by seismic refraction with application to the fault zone between the Thompson nickel belt and the Churchill Tectonic Province 1-40084
- Green, A.G. see Brishin, W.C. 1-35951
- Green, A.K., Bauer, E. Gold monolayers on silicon single crystal surfaces 1-52454
- Green, A.M. Pion production in few-nucleon systems 1-28340
- Green, A.M. Mesonic few-nucleon phenomena 1-50516
- Green, A.M., Sainio, M.E. Low-energy antineutron-nucleon scattering in a coupled-channels approach 1-579
- Green, B.D., Caledonia, G.E., Murphy, R.E. Vibrational relaxation of $\text{NO}(\nu=1-8)$ created in electron irradiated N_2/O mixtures 1-37142
- Green, B.J. The JET project: a controlled thermonuclear fusion experiment 1-33343
- Green, B.M.R. see Knight, A. 1-35732
- Green, C. see Brittain, I. 1-33332
- Green, C.H., Lightfoot, P., Deam, R., Chojnowski, B. Feed flow limit cycling in AGR boilers 1-28561
- Green, C.H. see Lightfoot, P. 1-28581
- Green, C.S. see Auf der Heyde, T.P.E. 1-31142
- Green, D.C. see Scott, B.A. 1-26392
- Green, D.G., Powers, M.K., Banks, M.S. Depth of focus, eye size and visual acuity 1-8852
- Green, D.J., Hutchison, S. Solution spray-dried and freeze-dried sodium beta-alumina powders: preparation and hot pressing 1-16744
- Green, D.R. Search for narrow ρ states in 10 GeV/c π^+p interactions 1-45342
- Green, D.R. see Bionta, R.M. 1-28342
- Green, D.W. Standard enthalpies of formation of gaseous thorium, uranium, and plutonium oxides 1-31893
- Green, D.W., Reedy, G.T., Gabelnick, S.D. Infrared spectra of matrix-isolated uranium oxides. III. Low-frequency modes 1-28967
- Green, D.W. see Walson, G.R. 1-22659
- Green, D.W.E. An ephemeris and magnitude analysis of P/Comet Tuttle for 1980/1 1-9426
- Green, D.W.E. see Bortle, J. 1-13737
- Green, D.W.E. see Maley, P. 1-36221
- Green, D.W.E. see Morris, C.S. 1-9424, 1-32665
- Green, D.W.E. see Rutter, G.H. 1-36222
- Green, E.M. Globular cluster luminosity functions and helium abundance differences across the Galaxy 1-36364
- Green, G.H. see Mewdell, C.G. 1-28554
- Green, G.L. Vector addition demonstration apparatus 1-9813
- Green, J. A practical direct reading ESI meter for field use 1-18278
- Green, J.A.S. see Viswanadham, R.K. 1-26653
- Green, J.C. see Buneman, O. 1-7000
- Green, J.C. see Ernsting, N.P. 1-10783
- Green, J.M. The 'walk-off' effect in Fabry-Perot etalons—limitations to 'single-shot' linewidth measurements at longer wavelengths 1-18289
- Green, J.M. Demonstration of laser action and superfluorescence in CF_4 optically pumped by a continuously tunable CO_2 laser 1-24405
- Green, J.S.A. see Dalu, G.A. 1-54201
- Green, K. see Forte, M. 1-28235
- Green, L. see Radkowski, A. 1-5978
- Green, L.H. see Scharf, S.M. 1-17422
- Green, M. Laser hydrophone 1-19530
- Green, M.A., Burns, W.A., Taylor, J.D. Forced two-phase helium cooling of large superconducting magnets 1-50181
- Green, M.A., Olivares, J.M., Tarle, G., Price, P.B., Shirk, E.K. Superconducting magnet system for the SPIRIT cosmic ray space telescope 1-49517
- Green, M.A., Eberhard, P.H., Ross, R.R., Taylor, J.D. Construction and testing of the two-meter-diameter TPC thin superconducting solenoid 1-45793
- Green, M.A. see Briggs, D. 1-21613
- Green, M.A. see Lam, Y.W. 1-48833
- Green, M.C. see Sjoreen, T.P. 1-23633
- Green, M.D., Ho, W.L. Synthesis of PWR RCS void volume using available instrumentation 1-10469
- Green, M.H., Sherwood, R.C., Chin, G.Y., Wernick, J.H., Bernardini, J. Low cobalt CrCoFe and CrCoFe-X permanent magnet alloys 1-12343
- Green, M.R. see Siegrist, M.R. 1-19364
- Green, N.H. see Callanan, J.E. 1-47251
- Green, P. Graded Riemannian geometry and graded fibre bundles. A context for local super-gauge theories 1-33118
- Green, P.F. On the cause of the shortening of spontaneous fissure tracks in certain minerals 1-9136
- Green, R. Field processing of magnetic data 1-4628
- Green, R., Adkins, J.S., Harrington, H.J., Untung, M. Bouguer gravity map of Indonesia 1-49190
- Green, R.B. see Havrilla, G.J. 1-50214
- Green, R.E., Williams, R.M. Nuclear energy—one road to self-sufficiency 1-26828
- Green, R.E.L., Korteling, R.G. Fragment production from $p+\text{Ag}$ interactions at intermediate energies 1-5760
- Green, R.F., Pier, J.R., Schmidt, M., Estabrook, F.B., Lane, A.L., Wahlquist, H.D. Observations of quasars with the International Ultraviolet Explorer satellite 1-9706
- Green, R.F. see Shipman, L.H. 1-4929
- Green, R.F. see Williams, T.B. 1-54615
- Green, R.G., Foo, S.H., Mitchell, S. Application of a PET microcomputer to the measurement of mass flow rate of pneumatically conveyed solids 1-36630
- Green, R.N. Global Weather Experiment data from the National Environmental Satellite Service 1-54248
- Green, R.N. see Weaver, W.L. 1-13462
- Green, S. Energy transfer in $\text{NH}_3\text{-He}$ collisions 1-6360
- Green, S. Theoretical microwave spectral constants for C_2N , C_2N^+ , and C_2H 1-27364
- Green, S., Thomas, L.D. On the use of pressure broadening data to assess the accuracy of CO-He interaction potentials 1-37291
- Green, S. see Wilson, S. 1-27365
- Green, T.A. Modified method of perturbed stationary states. I. Wave-theoretic formulation 1-46073
- Green, T.A. Modified method of perturbed stationary states. II. Semiclassical approximation 1-46074
- Green, T.A., Shipsey, E.J., Browne, J.C. Modified method of perturbed stationary states. III. Charge-exchange cross-sections for $\text{C}^{5+}\text{-H}$ collisions 1-46099
- Green, W.R., Lukasik, J. Vacuum-ultraviolet emissions from laser-excited $\text{b}^1\Sigma_u^+$ state of molecular nitrogen 1-29026
- Greenaway, A.H., Dainty, J.C. The formal equivalence between autocorrelation and power spectral analyses of photon-limited data 1-24356
- Greenaway, P.R., Racki, D.J. Factors affecting the size and design of the fuel building for commercial LMFBRs 1-45591
- Greenberg, A.R., Kusy, R.P. Dynamic mechanical properties of cross-linked poly(acrylic acid)-aluminum oxide composites 1-35293
- Greenberg, A.S., Armstrong, G. Thermal hysteresis of the thermal conductivity in isotopically impure BCC ^3He 1-20507
- Greenberg, A.S., Hebrall, B., Papoular, M., Beal-Monod, M.T. Experimental considerations on producing highly polarized liquid ^3He in a matrix of solid ^4He 1-2766
- Greenberg, A.S. see Godfrin, H. 1-2769
- Greenberg, A.S. see Hebrall, B. 1-16127, 1-34541
- Greenberg, E. see Reisfeld, R. 1-26236
- Greenberg, J.B., Stavsky, Y. Vibrations of axially compressed laminated orthotropic cylindrical shells, including transverse shear deformation 1-6807
- Greenberg, J.B., Tambour, Y., Gal-Or, B. A solution procedure for heat and mass transfer in multicomponent laminar jets 1-19707
- Greenberg, J.M., Gustafson, B.A.S. A comet fragment model for zodiacal light particles 1-36216
- Greenberg, J. Mayo see Mayo Greenberg, J.
- Greenberg, O.W. Color Van der Waals forces? 1-45248
- Greenberg, S.D. see Engvall, J. 1-35739
- Greenberg, W.D. A discrete model Boltzmann equation 1-5252
- Greenblatt, M. Electron spin resonance of tetrahedral transition metal oxyanions (MO_4^{n-}) in solids 1-13962
- Greenblatt, M. see Di Gregorio, S. 1-12396
- Greenberg, J. see Mellinger, P.J. 1-5917
- Greenbowe, T.J. see Bodner, G.M. 1-13964
- Greene, A. Modeling of discharge-excited rare gas halide lasers 1-37482
- Greene, A.E. see Rockwood, S.D. 1-196
- Greene, A.E. see See, R.C. 1-37345
- Greene, A.E. see Willis, W.L. 1-41674
- Greene, B.I. see Doany, F. 1-10740
- Greene, B.I. see Shank, C.V. 1-47638
- Greene, C.H. Doubly excited states of the alkaline-earth atoms (and alkali ions) 1-45863
- Greene, C.H. see Fano, U. 1-19202
- Greene, C.R. see Buck, B.M. 1-11272
- Greene, D.A. see Claverty, T.N. 1-50715
- Greene, F., Zlosilo, M., Salvo, C., Schlein, W. The microscopic characterization of molybdenum disulfide 1-26413
- Greene, G.L. see Forte, M. 1-28235
- Greene, H.L., Mostardi, R.F., Nokes, R.F. Effects of drag rearing polymers on initiation of atherosclerosis 1-53813
- Greene, J.E. Crystal growth by sputtering 1-48260
- Greene, J.E. see Barnett, S.A. 1-31343
- Greene, J.E. see Eltoukhy, A.H. 1-3621
- Greene, J.E. see Rivaudo, J. 1-39210
- Greene, J.E. see Witkowski, L.C. 1-42849
- Greene, K.L. see Grabow, J.D. 1-4292, 1-4293
- Greene, M.G. see Pick, M.A. 1-2633
- Greene, N.M. A simple monotonic interpolation scheme 1-10411
- Greene, P.D. Growth of GaAs ingots with high free electron concentrations 1-3607
- Greene, P.D. see Henshall, G.D. 1-11022, 1-41742
- Greene, R.L., Engler, E.M. Pressure dependence of superconductivity in an organic superconductor bis-tetramethyltetraselenafulvalene hexafluorophosphate 1-16401
- Greene, R.L. see Chaikin, P.M. 1-20712
- Greene, S.J. see Morris, C.L. 1-723, 1-50498
- Greenfield, A.J. see Sinivani, M. 1-34674
- Greenfield, I.G., Purohit, A. Dependence of surface bonding on deformation [metallic surface films] 1-12960
- Greenfield, I.G., Purohit, A. The effect of discrete and diffused surface layers on the mechanical properties of crystals 1-26556
- Greenfield, M.A. see Harpen, M.D. 1-26987
- Greenfield, M.B. see Horen, D.J. 1-50568
- Greenfield, P.E. see Haschick, A.D. 1-9699
- Greenhalgh, D.A. see Gilson, T.R. 1-33468

- Greenhalgh, S.A., Mooney, H.M., Mosher, C.C. The Minnesota seismic network 1-32523
- Greenhouse, N.A. see Miltenberger, R.P. 1-9042
- Greenhow, R.C. see Eaton, R.W. 1-41788
- Greenhut, G.K. see Intemann, G.W. 1-10203
- Greeniaus, L.G. see Rogers, J.G. 1-23660
- Greeniaus, L.G. see Smith, C.A. 1-18651
- Greenleaf, A.H. Computer-controlled optical surfacing 1-46600
- Greenleaf, J.E. see Bhattacharya, A. 1-53806
- Greenleaf, J.F. Clinical imaging with transmissive ultrasonic computerized tomography 1-53838
- Greenler, R.G. see Campuzano, J.C. 1-38656
- Greenly, J.B. see Dreike, P.L. 1-42198
- Greenough, R.D., Blackie, G.N., Palmer, S.B. Commensurate turn angle effects in single-crystal antiferromagnetic dysprosium 1-30914
- Greenside, H.S., Blount, E.I., Varma, C.M. Possible coexisting superconducting and magnetic states 1-34824
- Greensite, J., Primack, J. Pions as spin waves: chiral symmetry breaking in lattice gauge theory 1-40936
- Greenslade, T.B., Jr. Apparatus for natural philosophy; 19th century wave machines 1-17975
- Greenslade, T.B., Jr. 19th century textbook illustrations. XXXVI. Morin's free-fall apparatus 1-27760
- Greenspan, E. Perturbation theory for inertial confinement pellet fusion problems 1-10526
- Greenspan, E., Mile, G.H., Ragheb, M. Fissile fuel by-product of fusion synfuel factories 1-41237
- Greenspan, E., Williams, M.L. Constrained sensitivity theory 1-23744
- Greenspan, E. see Gilligan, J. 1-41250
- Greenspan, E. see Goldstein, M. 1-23708
- Greenspan, E. see Makowitz, H. 1-41249
- Greenspan, E. see Mile, G.H. 1-18896
- Greenspan, H.P. A note on the spin-up from rest of a stratified fluid 1-1994
- Greenspan, S.B., Moore, V.S., Walewski, L.G., Wylie, T.J. Module serial light pipe 1-51618
- Greenstadt, J. see Karp, A.H. 1-4798
- Greenstein, J.L. The HR diagram 1-17829
- Greenstein, J.L. An absorption line in the ultraviolet spectrum of 40 Eridani B 1-22804
- Greenstein, J.L. Degenerate stars. XII. Recognition of hot nondegenerates 1-49534
- Greenstein, J.L., Kazaryan, M.A., Magakyan, T.Yu., Khachikyan, E.E. Spectrophotometric investigation of R Mon and NGC 2261. II 1-27490
- Greenstein, J.L. see Ake, T.B. 1-22793
- Greenstein, J.L. see Cottrell, P.L. 1-49643
- Greenstein, M., Wolfe, J.P., Haller, E.E. Interaction of electron-hole droplets in Ge with dislocations [luminescence observation] 1-12579
- Greenstein, M. see Wolfe, J.P. 1-16237, 1-47491
- Greenstein, M. see Zener, C. 1-8735
- Greenwald, R.A., Walker, A.D.M. Energetics of long period resonant hydromagnetic waves 1-22636
- Greenwald, R.C., Parker, K.J., Lele, P.P. A computer controlled system for ultrasonic hyperthermia treatment 1-13302
- Greenway, A.M., Simpson, C.F. Gas chromatography-mass spectrometry combinations 1-373
- Greenwell, D.W., Markham, B.L., Rosenberger, F. Numerical modeling of diffusive physical vapor transport in cylindrical ampoules [crystal growth] 1-53064
- Greenwell, D.W. see Markham, B.L. 1-53065
- Greenwood, A.N. see Childs, S.E. 1-34144
- Greenwood, G.W. Creep and cavity growth under multiaxial stresses 1-52222
- Greenwood, L.A. see Heimann, P.A. 1-51153
- Greenwood, L.R. Uncertainties and covariances of spectra derived from integral measurements 1-50981
- Greenwood, L.R. see Kirk, M.A. 1-33359
- Greenwood, R. see Cason, D. 1-52237
- Greenwood, R.C., Chrien, R.E. Precise γ -ray energies from the $^{14}\text{N}(n,\gamma)^{15}\text{N}$ and $^{23}\text{Na}(n,\gamma)^{24}\text{Na}$ reactions 1-10383
- Greenwood, R.C., Reich, C.W. Level structure of ^{174}Yb from the $^{173}\text{Yb}(n,\gamma)$ reaction 1-41032
- Greenwood, R.C. see Baker, J.D. 1-28411
- Greer, A.L., Habbal, F., Scott, J.F., Takahashi, T. Specific heat anomalies and phase transitions in the solid electrolyte $\text{Ag}_{26}\text{I}_{18}\text{W}_{2}\text{O}_{16}$ 1-34483
- Greer, A.L., Stobbs, W.M., Leake, J.A. Observations on the ageing of the metallic glass $\text{Fe}_{40}\text{B}_{20}$ 1-11685
- Greer, J. Model for haptoglobin heavy chain based upon structural homology 1-13213
- Greer, S.C. see Sengers, J.V. 1-23138
- Greet, R.J. Maximum windmill efficiency 1-8663
- Greig, D.W., Taylor, R.W., Campbell, J.H., Taylor, J.R., Cotton, A. Solar gasification of coal, activated carbon, coke and coal and biomass mixtures 1-8687
- Gregg, M.C. Microstructure patches in the thermocline 1-27191
- Greggi, J., Soffa, W.A. The strengthening and plastic properties of copper titanium alloy single crystals 1-21463
- Gregoire, C., Lucas, R., Ngo, C., Ngo, H., Schurmann, B. Fast fission phenomena in heavy ion reactions 1-45547
- Gregoire, C., Ngo, C., Remaud, B. Three dissipative regimes in heavy ion reactions—a macroscopic dynamical model 1-41132
- Gregoire, C. see Borderie, B. 1-23703
- Gregoire, G. see Belery, P. 1-37081
- Gregoire, G. see Davison, N.E. 1-36957
- Gregonis, D.E. see Russel, G.A. 1-16522
- Gregor, R. see Sherif, M.H. 1-22007
- Gregor, R.J. see Sherif, M.H. 1-35762
- Gregor, R.W., Siska, P.E. Differential elastic scattering of $\text{Ne}^{35}\text{P}_{2,0}$ by Ar, Kr, and Xe: optical potentials and their orbital interpretation 1-46061
- Gregora, I., Vorlicek, V. Investigation of phase transition in Hg_2Cl_2 crystals. III. Biaxial behaviour and spontaneous birefringence of the low-temperature phase 1-25426
- Gregora, I. see Pajasova, L. 1-31215
- Vorlicek, V. 1-20380
- Gregorash, D., Papini, G. A unified theory of gravitation and electromagnetism for charged superfluids 1-52390
- Gregori, J. see Carbo, R. 1-24020
- Gregori, M. see Klemm, D. 1-33062
- Gregorio, S. Di see Di Gregorio, S.
- Gregory, A. see Nitschmann, G. 1-31204
- Gregory, A.G. see Crouch, P.C. 1-45783
- Gregory, A.G. see Kuhlmann, J.D. 1-27352
- Gregory, B.C. see Larsen, J.M. 1-34099
- Gregory, E. see Spencer, C.R. 1-48295
- Gregory, E.A. see Chandler, E.T. 1-51274
- Gregory, G.L. see Wakely, N.T. 1-26862
- Gregory, J.B. see Manson, A.H. 1-40241
- Gregory, P. see Aubert, J.J. 1-5630
- Gregory, P.C., Fahlan, G.G. An extraordinary new celestial X-ray source 1-9734
- Gregory, P.E. see LaRue, R. 1-39773
- Gregory, P.E. see Saxena, R.R. 1-3628, 1-8706
- Gregory, R.D. The traction boundary value problem for the elastostatic semi-infinite strip; existence of solution, and completeness of the Papkovitch-Fadle eigenfunctions 1-29551
- Gregory, S. Low-temperature susceptibility of oxygen adsorbed on porous glass 1-34856
- Gregory, S.A., Thompson, L.A., Tift, W.G. The Perseus supercluster 1-54639
- Gregory, S.A. see Thompson, L.A. 1-49826
- Gregson, L.D. see Reynolds, L. 1-50286
- Greguss, P. Psychologic iconography 1-8876
- Greguss, P. Are there similarities in the biological effects of nonionizing radiations? 1-8909
- Greguss, P. Coherent optical reconstruction of ultrasound transmission tomograms of attenuation by reconstruction 1-53842
- Greibler, A. see Breelle, Y. 1-43755
- Greig, D. see Gibson, A.G. 1-16111
- Grein, F. see Lawlor, I. 1-6134
- Grein, F. see Vasudevan, K. 1-6171
- Grein, W., König, A., Kroll, P. A possible isospin zero nucleon-nucleon resonance 1-14412
- Greiner, D.E. see Wiedenbeck, M.E. 1-4730, 1-49463
- Greiner, J.D., McMasters, O.D., Smith, J.F. Single-crystal elastic constants of γ -cerium 1-16828
- Greiner, J.D. see Smith, J.F. 1-35460
- Greiner, W. see Csernai, L.P. 1-50621
- Greiner, W. see Gartner, P. 1-18550
- Greiner, W. see Heinz, U. 1-46100
- Greiner, W. see Hess, P.O. 1-14494
- Greiner, W. see Kruse, H. 1-23698
- Greiner, W. see Magda, M.T. 1-41155
- Greiner, W. see Maruhn, J.A. 1-14548, 1-50631
- Greiner, W. see Muller, U. 1-10114
- Greiner, W. see Reinhardt, J. 1-14987, 1-14988, 1-45522
- Greiner, W. see Scheid, W. 1-10368
- Greiner, W. see Soff, G. 1-46076
- Greiner, W. see Soffel, M. 1-10079
- Greiner, W. see Stocker, H. 1-5722, 1-14487, 1-50620
- Greiner, W. see Warke, C.S. 1-23474, 1-30442
- Greis, O. New anion-excess, fluorite-related superstructure phases in $\text{LnF}_2\text{-LnF}_3$, $\text{CaF}_2\text{-YF}_3$, and related systems 1-25236
- Greis, O., Kieser, M. Electron diffraction from single crystals of $\text{Ba}_2\text{Pr}_2\text{F}_{17}$, $\text{Ba}_2\text{Nd}_2\text{F}_{17}$, $\text{Ba}_2\text{Gd}_2\text{F}_{17}$ and $\text{Ba}_2\text{Dy}_2\text{F}_{17}$ 1-20145
- Greis, O. see Bevan, D.J.M. 1-7139
- Greivenkamp, J.E., Swindell, W., Gmitro, A.F., Barrett, H.H. Incoherent optical processor for X-ray transaxial tomography 1-39987
- Greivenkamp, J.E. see Gmitro, A.F. 1-53879
- Grek, B. see Martin, F. 1-41739
- Grek, B. see Owens, D.K. 1-25073
- Grekhov, A.M., Deryugina, N.I., Roitsin, A.B. Possibility of observation of low-symmetry effects in nuclear magnetic resonance 1-26051
- Grekhov, A.M. see Artamonov, L.V. 1-25604
- Grekhov, I.V., Delimova, L.A. Auger recombination in silicon 1-21206
- Grekhov, I.V., Delimova, L.A. Ambipolar diffusion coefficient in the case of electron-hole scattering in silicon 1-42788
- Grekhov, Yu.N. see Anistratov, A.T. 1-30782
- Grekhova, T.I. see Kuvitskii, V.A. 1-16044
- Grekov, D.L., Stepanov, K.N. On the theory of wave conversion in inhomogeneous plasma 1-2198
- Grekov, E.V. see Baru, V.G. 1-3073
- Grekov, F.F., Dubrovskii, G.P., Zlykov, A.M. Structure and chemical bonding in ternary nitrides of the type $\text{Al}^{\text{III}}\text{B}^{\text{III}}\text{N}_2$ 1-30168
- Grekova, I.G., Shimanskaya, E.T., Shimanskii, Yu.I. Gravitational effect in binary liquid methanol-hexane system near the critical stratification point 1-52275
- Grella, R. An approximate probability density for speckle and photocounting statistics 1-1498
- Gremaud, G. see Gotthardt, R. 1-30232
- Gren, B. see Rassokhin, V.A. 1-25692
- Grenet, G., Kibler, M., Gros, A., Soullard, J.C., Gacon, J.C. On the spectrum of Sm^{2+} : SrCIF 1-3491
- Grenet, G., Kibler, M., Gros, A., Soullard, J.C., Gacon, J.C. Spectrum of Sm^{2+} : SrCIF 1-31192
- Grenet, G. see Chatterjee, R. 1-52975
- Grenet, G. see Hassan, M.H. 1-119
- Grenet, G. see Kibler, M. 1-12622, 1-38756
- Grenet, J., Larmagnac, J.P., Michon, P., Vautier, C. Structural relaxation in thin films of amorphous selenium below the glass transition temperature 1-42658
- Grenier, J.C. see Kolb, E.D. 1-2630, 1-16676
- Grenier, J.C. see Kolb, E.D. 1-35157
- Grenier, M. see Boileau, P.E. 1-44913
- Grenier, S. see Gomez, A.E. 1-36298
- Greppi, M. Numerical solution of a pulsatile flow problem 1-11468
- Greppin, H. see Lenk, R. 1-19110
- Gresho, P.M. see Chan, S.T. 1-32063
- Greskovich, C., Palm, J.A. Observations on the fracture toughness of β - Si_3N_4 - β - SiC composites 1-26602
- Greskovich, C., Palm, J.A. Controlling the oxygen content of Si_3N_4 powders 1-53146
- Greskovich, C.D. see Palm, J.A. 1-3871
- Gress, M.E. see Ono, Y. 1-10789, 1-45873
- Gresser, J. see Ramanantsizehena, P. 1-23974
- Gresset, C. see Moszynski, M. 1-28805
- Gresslehner, K.H., Palmetshofer, L. Ion-implantation-induced damage and resonant levels in $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ 1-7191
- Gresslehner, K.H. see Lischka, K. 1-47551
- Gressmann, M. Positions of minor planets 1-49558
- Gressus, C. Le see Le Gressus, C.
- Gressus, C. Le see Le Gressus, C.
- Grest, G.S., Nagel, S.R., Rahman, A. Quench echoes in Lennard-Jones and rubidium frozen fluids. Temperature dependence of the anharmonic behavior 1-30043
- Grest, G.S., Nagel, S.R., Rahman, A. Quench echoes in molecular dynamics—a new phonon spectroscopy 1-38478
- Grest, G.S. see Banavar, J.R. 1-16451
- Grest, G.S. see Cohen, M.H. 1-2338
- Grest, G.S. see Ditzian, R.V. 1-12320
- Grest, G.S. see Nass, M.J. 1-30888, 1-42890, 1-52693
- Gretilat, P. see Goetz, F. 1-10391
- Gretilat, P. see Marty, N. 1-23690
- Greitz, J. Thermomechanical solar power generation 1-26854
- Greulich, F. see Murr, L.E. 1-21591
- Greulich, N. see Hickmann, U. 1-8634
- Greuter, F., Hauser, E., Oelhafen, P., Guntherodt, H.-J., Reihl, B., Vogt, O. Core level and valence band photoemission from UAs 1-48229
- Greuter, F. see Guntherodt, H.J. 1-25619
- Greuter, F. see Oelhafen, P. 1-48238
- Grey, R.S. see Garrett, B.C. 1-6343
- Greve, A. Strehl number degradation by large-scale systematic surface deviations 1-6459
- Greve, A. The formation of the Mg II resonance line wings in the solar atmosphere. II 1-17800
- Greve, A., Hooghoudt, B.G. Quality evaluation of radio reflector surfaces 1-36179
- Greve, A., McKeith, C.D. Absolute fluxes, equivalent width and centre-to-limb profiles of the solar Mg II resonance lines. I 1-22751
- Greve, A., Zwaan, C. Methods for the analysis of stellar spectra viewed by lines. III 1-17818
- Greve, A. see D'Oroico, S. 1-27584
- Greve, J.P. De see De Greve, J.P.
- Greismuhl, U. Numerical investigation of the $(s+p)\otimes T_{1g}$ system: I. Vibronic eigenstates and absorption spectra 1-47585
- Greismuhl, U. Numerical investigation of the $(s+p)\otimes T_{1g}$ system: II. Reduction factors and emission spectra 1-47586
- Greistsev, S.N., Barinov, S.M., Krasulin, Yu.L., Timofeyev, V.N. Fracture of vitreous silica from 20-1250°C 1-53293
- Grewal, G.S. see Randhawa, H.S. 1-24130
- Grewal, N.S., Saxena, S.C. Heat transfer between a horizontal tube and a gas-solid fluidized bed 1-19705
- Grews, H. see Pant, P. 1-21389
- Grews, N., Leder, H.J., Entel, P. Results and problems in the theory of intermediate valence compounds 1-30685
- Grews, N., Schuh, B. Generalized Ginzburg-Landau theory for the magnetostatics of ferro-magnetic superconductors 1-12229

- Grewe, N. see Schuh, B. 1-47782
- Grey, D.S. Orthogonal polynomials as lens-aberration coefficients 1-46512
- Grey, D.S. see Toler, O.E. 1-24521
- Grey, I.E. see Gatehouse, B.M. 1-42342
- Greynolds, A.W. see Lange, R.W. 1-27359
- Greytak, T.J. see Cline, R.W. 1-1084, 1-29147
- Greywall, D.S. Thermal-conductivity measurements in liquid ^4He below 0.7 K 1-52376
- Greywall, M.S., Smith, J.M. Effect of velocity overshoot on subsonic diffuser performance 1-48874
- Grezzo, L.A. see Schweig, A. 1-51241
- Grib, A.F. see Gusak, N.A. 1-33794
- Gribanov, Yu.A. see Votsynska, V.S. 1-25048
- Gribbin, J. The fate of the Universe 1-40582
- Gribble, R.F. see Ek Dahl, C. 1-6965
- Gribov, V.A. Feasibility study for developing a hybrid reactor based on the DPF device 1-18895
- Gribov, V.A. see Georgobiani, A.N. 1-47105
- Gribov, V.A. see Vysukubov, V.P. 1-46919
- Gribov, V.M., Morozov, D.Kh., Pogutse, O.P. The temperature drift instability (eigenvalue and eigenfunction investigations) 1-38078
- Gribovskii, V.P. see Makrskii, Yu.V. 1-41705
- Gribner, V.N., Gavriluk, V.G., Naduto, V.M., Polushkin, Yu.A. Redistribution of carbon and alloying elements during plastic deformation and subsequent heating of steel 1-12789
- Gribnikov, Z.S., Gulyi, E.G. Thermal drift instability of an electron-hole gas in an ambipolar semiconductor 1-42778
- Gribnikov, Z.S., Kozlovskii, S.I., Romanov, V.A. Influence of current on light transmission by layer-inhomogeneous crystals in the free-carrier absorption band 1-3371
- Gribnikov, Z.S. see Akopyan, A.N. 1-2976
- Gribov, A.A. see Gorokin, D.N. 1-11397
- Gribov, B.S. see Vorob'ev, E.I. 1-28715
- Gribov, L.A., El'meneva, T.T., Pereygin, I.S. Potential functions of the stretching, bending, and twisting vibrations of the O-H bond of alcohols in intermolecular and ion-molecular H-complexes 1-24053
- Gribov, L.A., Merzlyak, T.T., Pereygin, I.S. Investigation into the nature of intermolecular and ion-molecular interactions in H-groups of hydroxyl-containing compounds and calculation of vibration frequencies for A-H and H...X bonds using the anharmonic approach 1-10801
- Gribov, L.A., Prokof'eva, N.I. Algorithm for the variational solution of the electronic-vibrational problem in the theory of molecular spectra 1-19074
- Gribov, L.A., Savvin, S.B. The mechanism of the distant substituent effect on molecule reactivity 1-48671
- Gribov, L.A. see Baranov, V.I. 1-10744, 1-28957, 1-28958, 1-46028
- Gribov, L.A. see Kofman, V.L. 1-2349
- Gribulya, V.G. see Savitskii, E.M. 1-52740
- Gricar, B.G. see Baratta, A.J. 1-41257
- Grice, R. see Browett, R.J. 1-1337, 1-48674
- Grice, R. see Gorry, P.A. 1-1338
- Gricourt, C. see Fournier-Sicre, A. 1-32620
- Griider, D.E., Furtak, T.E. The metal-electrolyte boundary studied with in situ photoemission 1-35149
- Gridev, K.A. see Delion, D.S. 1-5798
- Gridev, K.A. see Teterin, E.D. 1-18626
- Gridev, S.A., Darinskii, B.M., Prasolov, B.N., Shuvalov, L.A., Fedosyuk, R.M. Several thermodynamic characteristics of $\text{KH}_2(\text{SeO}_3)_2$ and $\text{KD}_3(\text{SeO}_3)_2$ crystals from ultralow-frequency measurements of the shear modulus 1-7225
- Gridev, S.A., Kudryash, V.I., Shuvalov, L.A. Mechanical hysteresis loops in $\text{KH}_2(\text{SeO}_3)_2$ crystals 1-7243
- Gridev, S.A., Postnikov, V.S. Ultralow-frequency internal friction mechanisms in ferroelectrics 1-25370
- Gridev, V.N., Gavriluk, V.G., Naduto, V.M. Redistribution of alloying elements during heating of cold-strained pearlitic steel 1-31504
- Gridev, V.N., Meskov, J.J.A., Oskaderov, S.P., Skarek, J., Habrovec, F., Jakseva, M., Rys, P. The effect of the heterogeneity of austenite on the mechanical properties of a steel with martensitic matrix and undissolved carbides 1-48483
- Gridev, V.N., Oshkaderov, S.P., Televich, R.V. Austenite formation in overheated hardened constructional steels 1-3731
- Grideva, I.V. see Kazo, I.F. 1-35323
- Griebel, R. Abnormal influences of temperature and fluidity on fluorescence depolarization of solute molecular rotors 1-19126
- Griegee, L. see Berger, C. 1-45331
- Grieger, N. see Schmitz, G. 1-9227
- Griem, H.R. see Hauer, A. 1-7005
- Griem, H.R. see McLean, E.A. 1-7004
- Grieman, F.J., Mahan, B.H., O'Keefe, A. The laser induced fluorescence spectrum of trapped Br^+Cn cations 1-46009
- Grieman, F.J., Mosley, J.T., Saxon, R.P., Cosby, P.C. Spectroscopic determination of the dissociative F^+H_2 potential curve of O_2^+ 1-1142
- Grieneisen, H.P. see Diegelmann, M. 1-19323, 1-37473
- Griepink, B. see Reijnders, H.F.R. 1-43844
- Grier, B.H. see Parks, R.D. 1-20670
- Grier, D. see Fiander, D.C. 1-28761
- Griersmith, D. Photometric properties of bright early-type spiral galaxies. II. Fully corrected colors and standard magnitudes 1-9652
- Griersmith, D. Photometric properties of bright early-type spiral galaxies. III. The color absolute magnitude relation and the analysis of fully corrected colors 1-9653
- Griesbach, H.L. see Chung, C.I. 1-15813
- Grieser, F., Thomas, J.K. The temperature dependence of the triplet lifetimes of some aryl iodides and bromides 1-1135
- Griesmann, H. see Andreeff, A. 1-20684
- Griess, G.A., Blankenstein, M.F. Ocular damage from multiple-pulse laser exposures 1-43895
- Griessen, R. see Venema, W.J. 1-25614
- Griesser, E.E. Improved rotary seal 1-4377
- Griesser, H.J., Wild, U.P. The energy gap dependence of the radiationless transition rates in azulene and its derivatives 1-19127
- Griesser, H.J., Wild, U.P. Energy selection experiments in glassy matrices: the linewidths of the emissions $\text{S}_2\text{--S}_0$ and $\text{S}_2\text{--S}_1$ of azulene 1-37174
- Griessing, J. Influence of evaporation-deposition geometry on conductive thin films 1-35178
- Griew, G.R. see Turner, D.G. 1-5987
- Grieve, R.A.F. see Wolf, R. 1-4497
- Griffin, A. Structure of the static pair-correlation function in superfluid ^4He 1-25517
- Griffin, A. see Welling, F. 1-38640
- Griffin, A.C., Buckley, N.W., Havens, S.J., Johnson, J.F., Bertolini, G.J., Thomas, L. Effect of molecular structure on mesomorphism. X. Design of material having smectic-isotropic maxima in binary mixtures 1-32823
- Griffin, F.P. see Smyth, R.N. 1-21930
- Griffin, H.C. see Meyer, R.A. 1-14468
- Griffin, J.A., Folkins, J.J. Random dilution at marginal dimensionality in $\text{LiTb}_{1-p}\text{F}_4$ 1-20977
- Griffin, J.A., Huster, M., Folweiler, R.J. Critical behavior of the spontaneous magnetization at marginal dimensionality in LiHoF_4 1-20966
- Griffin, J.J. see Collins, M.T. 1-5721
- Griffin, J.M. see Schifter, D.E. 1-32566
- Griffin, J.S. see Woodley, W.L. 1-9209
- Griffin, M.J., Whitam, E.M. Discomfort produced by impulsive whole-body vibration 1-13265
- Griffin, M.J., Whitam, E.M. Time dependency of whole-body vibration discomfort 1-17413
- Griffin, N.C. see Clegg, D.W. 1-48408
- Griffin, O.M. Vortex-excited cross-flow vibrations of a single cylindrical tube 1-19639
- Griffin, O.M. see Fritts, M.J. 1-19734
- Griffin, R., Griffin, R. Photoelectric radial velocities. VIII. The orbit of the barium star HD 101013 1-27498
- Griffin, R. see Griffin, R. 1-27498
- Griffin, R. see Ruland, F. 1-17822, 1-17822
- Griffin, R.F. Spectroscopic binary orbits from photoelectric radial velocities. XXXIII. HR 913 1-13815
- Griffin, R.F. Spectroscopic binary orbits from photoelectric radial velocities. HR 4249 A 1-36340
- Griffin, R.F. Spectroscopic binary orbits from photoelectric radial velocities. XXXV. HD 170737 1-49732
- Griffin, R.F. see Mayor, M. 1-22836
- Griffin, R.F. see Pettersen, B.R. 1-49685
- Griffin, R.N. Thin film solar reflectors 1-13099
- Griffin, R.R. see Ruland, F. 1-32700
- Griffin, V.S., Jr. Thorium: an energy resource controlled by geologic complexity in the southeastern US monazite belt 1-35982
- Griffin, W.A. see Zuckerman, A.J. 1-37677
- Griffin, W.L., McGregor, V.R., Nutman, A., Taylor, P.N., Bridgwater, D. Early Archaean granulite-facies metamorphism south of Ameralik, West Greenland 1-13420
- Griffith, C.G. see Woodley, W.L. 1-9209
- Griffith, D.W. see Howard, G. 1-27000
- Griffith, G.A. Transverse RF plasma discharge characterization for CO_2 waveguide lasers 1-41659
- Griffith, G.A. see Hill, R.A. 1-41734
- Griffith, J.A.R. Laser heterodyne spectroscopy of isotope shifts and hyperfine structure 1-28070
- Griffith, J.A.R. see New, R. 1-45880
- Griffith, K.T., Cox, S.K., Knollenberg, R.G. Infrared radiative properties of tropical cirrus clouds inferred from aircraft measurements 1-17669
- Griffith, P. see Robershtot, P. 1-50881
- Griffith, R.V. Trends and developments in personal neutron dosimetry 1-10549
- Griffith, R.V. see Tommasino, L. 1-51056, 1-51057
- Griffith, T.C. see Charlton, M. 1-24291
- Griffiths, A.J. see Williams, E.W. 1-4199
- Griffiths, A.M. see Raitt, I. 1-37231
- Griffiths, D.K. see Pingree, R.D. 1-17615, 1-17616
- Griffiths, F., Gelletly, W. A simple, inexpensive tape system for on-line studies of short-lived nuclei transported by He-jet 1-28820
- Griffiths, H. An anomalous condition of the sea surface observed from an aircraft 1-9173
- Griffiths, I. see Lucas, J. 1-3625
- Griffiths, I.D., Langdon, F.J., Swan, M.A. Subjective effects of traffic noise exposure reliability and seasonal effects 1-1787
- Griffiths, I.W. see Harris, F.M. 1-36767
- Griffiths, I.W. see Mukhtar, E.S. 1-43682
- Griffiths, J.B. see Jokia, S. 1-9898
- Griffiths, J.E. see Bondyveg, V.E. 1-14904
- Griffiths, J.E. see Schwartz, G.P. 1-21765, 1-35570, 1-39477
- Griffiths, J.F. see Bond, J.R. 1-43659
- Griffiths, J.F. see Gray, P. 1-29795
- Griffiths, N. see Henshaw, D.L. 1-51046
- Griffiths, P.R. see Kemeny, G.J. 1-40877
- Griffiths, R.E., Lamb, D.G., Ward, M.J., Wilson, A.S., Charles, P.A., Thorstensen, J., McHardy, I.M., Lawrence, A. The optical identification of H2252-035 with a cataclysmic variable 1-13885
- Griffiths, R.E. see McCann, D.M. 1-5388
- Griffiths, R.J., Duggan, F., Clarke, N.M. The $^{40}\text{Ca}(\text{He}, ^3\text{He})$ and $(\text{He}, ^4\text{He})$ reactions at 50 MeV 1-41122
- Griffiths, R.K. see Bacon, G.E. 1-17337
- Griffiths, R.W. Layered double-diffusive convection in porous media 1-46742
- Griofa, J.A., Mendez, A. WZ1⁺ coupling is $\text{SU}(2) \times \text{U}(1)$ gauge models 1-10126
- Griofa, J.A., Pascual, R. Higgs boson production in two photon presses 1-18533
- Griofa, J.A., Sola, J. Production of heavy charged Higgs particles at very high energies 1-45333
- Griogalshvili, N.S. see Abdrhamanov, E.O. 1-722
- Griogalshvili, N.S. see Baatar, Ts. 1-18655
- Griogale, D.A. see Bochkans, F.Ya. 1-11913
- Griogale, D.P., Valiukenas, V.J. Relationship between photoconductivity, photo-EMF, and photoelectric effect in Sb_2Se_3 1-42821
- Griogale, I., Batarunas, I. Molecular-like vibrations in chain SbSI and Sb_2S_3 crystals 1-20332
- Griogale, I., Davidovich, R., Orliukas, A., Samuilis, V., Skritskij, V., Urbonavichius, A. The ferroelastic phase transition of $\text{ZnGeF}_6 \cdot 6\text{H}_2\text{O}$ crystal 1-30297
- Griogale, J. see Belackas, R. 1-12463
- Griogale, A. Optimal degree of automation in quantitative X-ray diffraction phase analysis 1-29996
- Griogale, E. see Gettemy, D. 1-1587
- Griogale, G.B., Hein, J.R. Sources, dispersal, and clay mineral composition of fine-grained sediment off central and northern California 1-54070
- Griogale, A.P. Density of electron levels in ferromagnetic semiconductors 1-12011
- Griogale, A.P., Il'in, B.I., Pet'kin, N.V. Steady-state convective diffusion in thin spherical layers 1-51779
- Griogale, M., Piret, R. Mesure de l'épaisseur des revêtements sur les toles (Thickness measurement of coatings on steel plate) 1-43639
- Griogalini, P. The role of excitation in relaxation processes of non-Markovian nature 1-46085
- Griogalini, P. see Evans, M. 1-52035
- Griogalini, P. see Evans, M.W. 1-9918
- Griogalini, P. see Ferrario, M. 1-41407
- Griogalyuk, E.L., Kulikov, G.M. Approximate analysis of anisotropic three-layered plates of finite deflection 1-46675
- Griogalyuk, E.L., Lopanitsyn, E.A. Vibrations of three-layer rods 1-11346
- Griogor, S., Rusu, I., Pausescu, E., Medesan, A., Moldoveanu, S. Hydrophilic-hydrophobic equilibrium of some prostaglandins—CNDO/SW study 1-1113
- Griogorashchenko, O.N., Savchenko, E.V., Fugol', I.Ya. Polarization effects in luminescence of solid xenon 1-3451
- Griogorchuk, N.I. Exciton light absorption with free charge carriers present in molecular crystals 1-2888
- Griogorenko, V.L. Numerical investigation of shock starting of supersonic nozzles and comparison with experimental data 1-33980
- Griogorenko, Y.M., Kryukov, N.N., Akhalaya, T.G. Nonaxisymmetric deformation of thick circular plates of variable stiffness 1-15404
- Griogorenko, Ya.M. On numerical solution of non-linear boundary value problems of flexible shell statics 1-15386
- Griogorenko, Ya.M., Timonin, O.M. Stressed state of laminar shells of revolution with regard for geometrical nonlinearity and shift 1-29534
- Griogor'ev, A.S. Determination of stresses and deformations in the lithosphere when viscosity varies with depth 1-9125
- Griogor'ev, E.G. see Balankin, S.A. 1-31379
- Griogor'ev, E.I. see Yaryna, V.P. 1-23994
- Griogor'ev, E.P. see Antonova, K.P. 1-661
- Griogor'ev, E.P. see Bondarenko, V.A. 1-634, 1-635
- Griogor'ev, I.P. see Nartova, T.T. 1-16884

- Grigor'ev, O.N. Mill'man, Yu.V., Khomenko, G.E., Solov'ev, V.F., Rymashevskii, G.A., Shilkin, G.S. Some features of the structural state of tungsten deposited from the vapor phase 1-38688
- Grigor'ev, O.N. *see* Bochko, A.V. 1-12864, 1-53291
- Grigor'ev, S.B., Mikhailov, I.G., Moiseev, A.I. Acoustic and viscoelastic relaxation in polydiethylglycolsuccinate 1-42477
- Grigor'ev, V.A. *see* Bondarenko, V.G. 1-36185
- Grigor'ev, V.G., Krivosheina, P.A., Mamrukova, V.P., Samsonov, I.S., Samsonova, Z.N., Skripin, G.V., Chirkov, N.P., Shafer, G.V. Long-period variations in the anisotropy of cosmic rays 1-36138
- Grigor'ev, V.I. Relaxation of stresses in swelling of polyethylene 1-3862
- Grigor'ev, V.N. *see* Alekseev, V.E. 1-33655
- Grigor'ev, V.P. *see* Kuznetsov, V.V. 1-53112
- Grigor'ev, V.P. *see* Manin, V.N. 1-25503
- Grigor'eva, L.I. *see* Moll, A.N. 1-4353
- Grigor'eva, L.L. *see* Tolstaya, M.A. 1-39283
- Grigor'eva, L.Z. *see* Alekseev, V.N. 1-51489
- Grigor'eva, N.B. Multicolor photometry of bright formations in the NGC 2403 galaxy 1-27609
- Grigor'eva, N.I. *see* Kutateladze, S.S. 1-37770
- Grigor'evskii, V.I., Plesskii, V.P. Bragg reflection of a Rayleigh wave obliquely incident on an elastic body with a periodically irregular surface 1-2794
- Grigor'evskii, V.I., Plesskii, V.P. Attenuation of a Rayleigh wave propagating along the periodic corrugated surface of cubic and hexagonal crystals 1-52411
- Grigor'evskii, V.I. *see* Charukhina, K.E. 1-26480
- Grigor'evskii, V.M., Kolesnik, S.Ya. Determination of an asteroid's shape and dimensions from observed brightness variations 1-4780
- Grigorian, L.S. *see* Sahakian, G.S. 1-36167
- Grigoriants, B.V. *see* Shikalibely, E.Sh. 1-32414
- Grigoriev, A.S., Trushina, V.M. On the carrying capacity of thin shells 1-6832
- Grigoriev, E. *see* Diddens, A.N. 1-14747, 1-23998
- Grigoriev, E. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Grigoriev, H. Actual state of the glass structure investigations 1-11691
- Grigoriu, C. The role of additives in the CO₂-TE laser 1-15150
- Grigoriu, C. *see* Dragulescu, D. 1-15677
- Grigorov, G. Achievement of vacuum and ultra high vacuum free from hydrocarbons by means of an ionisation pump. Bulgarian experience in scientific research and the construction of getter ion pumps of original design 1-9991
- Grigorov, G.I., Martev, I.N., Tzatzov, K.K. Stimulation of sorption on metal films by means of radiation effects 1-47388
- Grigorov, L.N., Munblit, V.Ya. Ion source of a time-of-flight mass spectrometer for physicochemical investigations of a solid surface 1-382
- Grigorov, N.I. *see* Basilova, R.N. 1-36142
- Grigorov, V.A., Gorbovskoi, V.E., Martynovich, E.F., Mysyovskii, S.N. Emission spectra and intracenter characteristics of LiF₂⁺, F₂⁺ active media 1-37500
- Grigorov, V.A., Kurmanov, M.K., Martynovich, E.F. Phase transitions in NH₄I:1 1-2623
- Grigorov, V.A. *see* Martynovich, E.F. 1-26235
- Grigorovich, S.M. *see* Martynenko, A.P. 1-12387
- Grigorovich, S.M. *see* Mokrushin, A.D. 1-21291
- Grigorovici, R., Vancu, A. A multireflection plate for the measurement of low absorption coefficients in thin films 1-330
- Grigoryan, A.A., Kaidalov, A.B., Khachatryan, G.N. Dispersion sum rules and residues of isoscalar Reggeons 1-36830
- Grigoryan, F.E. Sound propagation in a layered inhomogeneous septate waveguide 1-37655
- Grigoryan, G.V., Grigoryan, R.P. Anomalies in supersymmetric gauge theories 1-50335
- Grigoryan, K.R. *see* Astabatyani, R.A. 1-51040
- Grigoryan, L.Sh., Saakyan, G.S. Metastable formations of nuclear matter 1-45442
- Grigoryan, N.E. *see* Brailovskii, E.Yu. 1-38812
- Grigoryan, N.K. *see* Frolov, A.M. 1-28771
- Grigoryan, N.K. *see* Maishchev, V.A. 1-25348
- Grigoryan, R.P. *see* Grigoryan, G.V. 1-50335
- Grigoryan, S.S. Motion and destruction of meteors in planetary atmospheres 1-22735
- Grigoryan, S.S., Saakyan, Yu.Z., Tsaturyan, A.K. Mechanism of generation of Korotkov sounds 1-26934
- Grigoryan, V.A. *see* Ostrovskii, O.I. 1-20694
- Grigoryan, Yu.I., Martirosoyan, A.E., Novak, M., Papanyan, V.O., Khokha, M. Ionization waves in an argon discharge in a longitudinal gas flow 1-38082
- Grigor'yants, V.G. *see* Babanin, V.I. 1-24980
- Grigor'yants, V.V., Aliiev, V.A., Povstanyoi, M.V., Fedorenko, A.M., Kruglenko, V.P. Stimulated emission from condensed nitrogen-bearing systems based on triazine and pumped by laser radiation 1-33680
- Grigor'yants, V.V., Smirnov, V.I., Chamorovskii, Yu.K. Study of backscattering in propagation of high-power optical pulses through multimode optical fibers 1-6672
- Grigor'yants, V.V., Zhabotinskii, M.E., Kuzyakov, B.A. Measurement of the stimulated emission cross section in a waveguide CO₂ laser 1-33656
- Grigor'yants, V.V., Zhabotinskii, M.E., Kuzyakov, B.A., Ryabova, L.A. Determination of the gain of a 10.6 μ signal in an active medium of a rectangular metal waveguide 1-33657
- Grigor'yants, V.V. *see* Akat'ev, Yu.N. 1-1714
- Grigor'yants, V.V. *see* Aleksandrov, I.V. 1-1713
- Grigor'yants, V.V. *see* Babkina, T.V. 1-6671
- Grigoryeva, K. *see* Bozhko, A. 1-32305
- Grigoryuk, A.I. *see* Pashchenko, V.P. 1-53401
- Grigulevitch, W. *see* Wittig, G. 1-35468
- Grigull, R. *see* Berger, C. 1-5636, 1-10209
- Grigull, R. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Grigull, U. *see* Bauer, K. 1-29683
- Grika, V.M. *see* Serbulenko, M.G. 1-23285
- Gril, C. *see* Pommier, R. 1-52456
- Grilec, J. Measurement of space displacement in the laboratory for precise length measurements at the faculty of mechanical engineering and naval architecture 1-231
- Grilbe, J. *see* Junqua, N. 1-20204
- Grilit'skii, D.V., Baran, V.P. Radiation conditions for elasticity and thermoelasticity dynamical theory 1-15389
- Grilit'skii, D.V., Evushenko, A.A., Sulim, G.T. Stress distribution in a strip with a thin elastic inclusion 1-24674
- Grill, A. *see* Gafri, O. 1-16214
- Grill, A. *see* Katz, M. 1-16213
- Grill, A. *see* Kimmel, G. 1-21424
- Grill, A. *see* Sharon, A. 1-12111, 1-53306
- Grill, E.V., Chase, R.L., Macdonald, R.D., Murray, J.W. A hydrothermal deposit from Explorer Ridge in the northeast Pacific Ocean 1-40116
- Grill, S.F., Jonsson, A., Rec, J.R. A nodal imbedded method to recover local power peaking from coarse-mesh reactor calculations 1-50732
- Grill, W. Stimulated phonon emission 1-15974
- Grillenberger, T. Pressure wave phenomena in pipes - experimental and analytical results of the HDR valve tests 1-37006
- Griller, D. *see* Symons, M.C.R. 1-14146
- Grillet, Y., Rougverol, J. Two-dimensional phase changes of argon adsorbed on boron nitride at 77K 1-16170
- Grilli, E., Guzzi, M., Moskalonov, A.V. Photoluminescence of CdIn₂S₄ single crystals. Investigation of the nature of the recombination centres 1-39143
- Grillmaier, R. *see* Schwedt, H. 1-4372
- Grillo, G. *see* Bovalini, G. 1-762
- Grillon, G. *see* Martin, J.L. 1-9067
- Grim, M.S. *see* Behrendt, J.C. 1-35960
- Grimaldi, M.G. *see* Campisano, S.U. 1-25308, 1-30470
- Grimblator, V.M. *see* Bekshaev, A.Ya. 1-33722
- Grimbs, B.K., Roe, J.W. Upgrading emergency preparedness at nuclear power facilities 1-45706
- Grimes, C.C., Adams, G. Crystallization of electrons on the surface of liquid helium 1-7411
- Grimes, P. *see* Bellows, R.J. 1-53593
- Grimes, S.M., Bloom, S.D. Shell model test of the Porter-Thomas distribution 1-50510
- Grimes, S.M. *see* Haight, R.C. 1-41112
- Grimesey, R.A., Nigg, D.W., Scott, A.J., Wheeler, F.J., Jassby, D.L., Perry, E.D., Frankenberg, J.B. Neutron shield analysis and design for the PDX fusion facility 1-6033
- Grimesey, R.A. *see* McCracken, R.T. 1-50967
- Grimley, A.J., Stephenson, J.C. Evidence for sequential reactions in the CO₂ laser induced multiphoton dissociation of acetic anhydride and acetic acid 1-37247
- Grimley, T.B., Sebastian, K.L. Many-body theory of inelastic electron scattering from adsorbate vibrations 1-12610
- Grimm, F.A. Chemical effects in the K-shell photoionizations of carbon monoxide, carbon dioxide and sulfur carbonyl 1-29050
- Grimm, F.A. *see* Bloor, J.E. 1-51292
- Grimm, F.A. *see* Carlson, T.A. 1-29038
- Grimm, H. *see* Boysen, H. 1-20325
- Grimm, H. *see* Dörner, B. 1-34434
- Grimm, H. *see* Kress, W. 1-25388
- Grimm, K.N., Mengeshtti, D. Modified χ_p and $\Sigma_1(1-g)$ to simulate axial leakages 1-50719
- Grimm, M.A. *see* Armitage, J.D. 1-51586
- Grimm, M.A. *see* Scott, A. 1-5768
- Grimm, R., Kuhnelt, H. Using REDUCE in problems of supersymmetry and supergravity 1-14264
- Grimm, V. *see* Alkhazov, I.D. 1-28507
- Grimmeiss, H.G. Deep level spectroscopy in semiconductors by optical excitation 1-30669
- Grimmeiss, H.G., Janzen, E., Kullendorff, N. Electron capture cross-section in copper doped CdS 1-7559
- Grimmeiss, H.G., Janzen, E., Skarstam, B. Deep sulfur-related centers in silicon 1-7554
- Grimmeiss, H.G., Janzen, E., Skarstam, B. Excited donor states in sulfur and selenium doped silicon 1-47545
- Grimmeiss, H.G., Janzen, E., Skarstam, B., Lodding, A. Chemical identification of deep energy levels in Si:Se 1-42714
- Grimmeiss, H.G., Kullendorff, N. A steady-state constant capacitance method for the characterization of deep energy levels in semiconductors 1-38744
- Grimmeiss, H.G., Skarstam, B. Excited states at deep centers in Si:S and Si:Se 1-47567
- Grimmeiss, H.G. *see* Lang, D.V. 1-20656
- Grimmeiss, H.G. *see* Pantelides, S.T. 1-2920
- Grimmeiss, H.G. *see* Rees, G.J. 1-20760
- Grimmer, A.-R., Peter, R., Fechner, E., Molgedy, G. High-resolution ²⁹Si NMR in solid silicates. Correlations between shielding tensor and Si-O bond length 1-34959
- Grimmer, D.P. Solar energy breeders 1-53659
- Grimmer, H. The periodic system of Shubnikov point groups 1-7109
- Grimouille, G. *see* Pouradier, J.F. 1-26279
- Grimsditch, M., Cardona, M. Absolute cross-section for Raman scattering by phonons in silicon 1-26201
- Grimsditch, M. *see* Anastassakis, E. 1-26238
- Grimsditch, M. *see* Camley, R.E. 1-26225
- Grimsditch, M. *see* Chandrasekhar, M. 1-25392
- Grimsditch, M.H., Ramdas, A.K. Verification of expressions for Raman and Brillouin scattering in anisotropic media and effects on previously measured elasto-optic constants of rutile 1-21220
- Grimsditch, M.H. *see* Chandrasekhar, M. 1-48061
- Grimsey, R.M.A. *see* Tricker, M.J. 1-52873
- Grimshaw, J.A., Townsend, W.G. Photon-induced degradation in crystalline silicon Schottky barrier solar cells 1-13141
- Grimshaw, J.M. Applications of thermally detected EPR 1-47939
- Grimshaw, J.M., Moore, W.S. Thermally detected EPR of iron in soda-lime glass 1-26024
- Grimshaw, J.M. *see* Fletcher, J.R. 1-26023
- Grimshaw, R. *see* Collings, I.L. 1-4515, 1-54101
- Grimrud, G.P., Isaksen, I., Man-Loong Chan, Lee, S.T.Y. Marketability of low-head hydropower 1-39732
- Grimus, W. *see* Ecker, G. 1-40929
- Grinnall, G. Thermophysical properties of Ti, Zr and Hf 1-2941
- Grinnall, G. *see* Motakabbir, K.A. 1-42742
- Grin, V.P., Il'yasov, B., Kim, N.I., Kriger, L.R., Lopatina, T.A., Medzhitova, Z.D., Serebryanskaya, T.Y. Principal results of seismic investigations on the Frunze prognostic polygon 1-22248
- Grin', Yu.N., Gavrilenko, I.S., Markiv, V.Ya., Yarmoluk, Ya.P. Crystal structure of the ErTi₂Ga₄ and isostructural intermetallic compounds 1-20117
- Grin', Yu.N., Yarmoluk, Ya.P. The crystal structure of the compounds La₃Ga₂Ni₄ and Pr₃Ga₂Ni₄ 1-30140
- Grin', Yu.N. *see* Gladishevskii, E.I. 1-20116
- Grin, Yu.N. *see* Yarmoluk, Ya.P. 1-2396
- Grin, Yu.T. Pion production mechanism in nuclear collisions 1-18673
- Grinberg, A. *see* Mecking, H. 1-12842
- Grinberg, J., Efron, U., Little, M.J., Bleha, W.P. Visible-to-infrared image converter for dynamic infrared target simulation applications 1-24522
- Grinberg, J. *see* Braatz, P.G. 1-11165
- Grinberg, N.M., Serdyuk, V.A. Softening of magnesium alloy IMV6 during fatigue 1-31622
- Grinberg, N.M. *see* Serdyuk, V.A. 1-53288
- Grinberg, N.M. *see* Sertsyuk, V.A. 1-31612
- Grinberg, R.Z., Ponomarenko, V.D., Terekhov, A.D., Sher, E.M. Influence of ultrasonic vibrations during zone melting on the thermoelectric properties of GeTe 1-7645
- Grinberg, V.S. *see* Zagoruiko, I.F. 1-14188
- Grinberg, Ya.Kh. *see* Aikhanyan, A.S. 1-38041
- Grinchenko, V.T., Luneva, S.A. Sound field of a baffled circular cylinder 1-19504
- Grindhammer, G. *see* de Boer, W. 1-14744
- Grindlay, J. *see* Seward, F. 1-9533
- Grindlay, J.E., Marshall, H.L., Hertz, P., Soltan, A., Weisskopf, M.C., Elsner, R.F., Ghosh, P., Darbro, W., Sutherland, P.G. Time-resolved imaging and spectral studies of an X-ray burst from the globular cluster Terzan 2 1-22848
- Grindlay, J.E. *see* Halpern, J.P. 1-49760
- Grindlay, J.E. *see* Lightman, A.P. 1-32772
- Grindle, S.P., Clark, A.H., Rezaie-Serej, S., Falconer, E., McNeily, J. Growth of CuInSe₂ by molecular beam epitaxy 1-16695
- Grimenets, V.G. *see* Mazel', R.E. 1-35369
- Griner, C.S. *see* Johnston, M.H. 1-7497
- Griner, V.I., Kiselev, V.F., Matveev, V.A. Energy spectrum of recombination centers on real surfaces of germanium 1-30805
- Griner, V.I. *see* Kulakov, M.P. 1-43140
- Grinera, S.I. *see* Gertovich, T.S. 1-3419

- Grinevich, V.S., Ignatov, A.V., Serdyuk, V.V. Stimulation of an anomalous temperature dependence of dark current in polycrystalline cadmium sulfide layers 1-20890
- Gringauz, K.I., Izhevskina, N.I., Pulinets, S.A., Reme, H., Saint-Marc, A., Smirnova, L.P., Shutte, N.M., Vago, J.M., Zhulin, I.A. Strong wave-particle effects during downward energetic electron injections into the ionosphere 1-44373
- Gringauz, K.I., Shutte, N.M., Smirnova, L.P., Reme, H., Saint-Marc, A., Vago, J.M. Natural precipitation of electrons and effects observed during the operation of the electron gun during the Araks experiment 1-44372
- Gringauz, G.D. see Vishnyakov, N.A. 1-39446
- Gringauz, K.I., Shutte, N.M. The study of electron fluxes with energy ≤ 3 keV in the Araks experiment of January 26, 1975 1-44375
- Grimik, E.U. see Beletskii, V.M. 1-42414
- Grimin, V.P. Physical conditions in active regions on flare stars 1-27518
- Grimin, V.P. Radiation pressure in spectral lines in a medium with supersonic axisymmetric motions. II. Gas-dust systems with local radiative coupling 1-36172
- Grimin, V.P. Physical conditions in emission regions and the activity mechanisms of T Tau stars 1-49647
- Grimin, V.P., Fabrika, S.N. Kinematics of the gas in the nuclei of active galaxies and quasars 1-44645
- Grinolds, H.R., Robinson, G.Y. Pd/Ge contacts to n-type GaAs 1-7735
- Grinshtein, I.L. see Katskov, D.A. 1-8631
- Grinstein, F.F. see Garibotti, C.R. 1-10803
- Grinter, R., Armstrong, S., Jayasooriya, U.A., McCombie, J., Norris, D., Springall, J.P. Application of magnetic circular dichroism spectroscopy to the identification of small, matrix-isolated metal clusters and the assignment of their electronic spectra 1-41532
- Grinval'd, I.I., Vyshinskii, N.N., Zhidomirov, G.M., Abronin, I.A., Zolotukhin, A.V. CNDO calculation for metal-locenes of elements of the 3d transition series 1-6165
- Grinyayev, S.N., Il'in, M.A., Lukomskii, A.I., Chaldyshev, V.A., Chupakhina, V.M. Investigation of the energy band structure of InGaAsP solid solutions 1-2871
- Grinyus, L.L. see Broun, I.I. 1-17368
- Grión, N. see Cernigoi, C. 1-50657
- Grip, J. see Fjaer, E. 1-8082
- Grippi, J. see Burke, K. 1-27119
- Grispover, R.J. see Lindberg, D.D. 1-25108
- Grisk, G.E., Pickens, J.F. Solute transport through fractured media. I. The effect of matrix diffusion 1-36009
- Grisk, G.E., Pickens, J.F., Cherry, J.A. Solute transport through fractured media. II. Column study of fractured till 1-36010
- Grisar, R. see Lischka, K. 1-47551
- Grisaru, M.T. see Girardello, L. 1-45154
- Grischenka, G.A., Sakalas, A.P., Sodeika, A.S., Treugas, I.G. Conductivity type inversion in ZnGe₂ 1-20748
- Grishchuk, D. Doppler-free backward-fluorescence spectroscopy in vapors 1-28066
- Grishchuk, D. see Nakatsuka, H. 1-37621
- Grismod, D.L. Point defects and radiation damage processes in α -quartz 1-15934
- Grismod, D.L. E' center in glassy SiO₂: ¹⁷O, ¹H, and 'very weak' ²⁹Si superhyperfine structure 1-21048
- Grismod, D.L. Ferromagnetic resonance of fine grained precipitates in glass: a thumbnail review 1-31032
- Grismod, D.L., Stapelbroek, M., Weber, M.J. Electron spin resonance studies of iron-group impurities in beryllium fluoride glasses 1-31019
- Grise, M. see Menard, H. 1-53506
- Grise, W.R., Kleinman, L., Mednick, K. Electronic structure of stacking faults in nickel 1-2915
- Grise, W.R. see Kleinman, L. 1-2864
- Grissell, R.D. Optimal testing pulse sequences for estimation of characterizing features of higher order Wiener and Volterra kernels 1-21973
- Grissenti, R. see Dalba, G. 1-24252
- Grishae, I.A. see Antipenko, A.P. 1-45555
- Grishae, I.A. see Bochev, G.I. 1-2541
- Grishae, I.A. see Vit'ko, V.I. 1-2546
- Grishchuk, V.I., Demchenko, V.V. Parametric instability of nonlinear relativistic longitudinal oscillations of the magnetoactive plasma 1-34115
- Grishchuk, T.I. see Zakharov, I.A. 1-6308
- Grisham, C.M. Paramagnetic probes in NMR and EPR studies of membrane enzymes 1-9059
- Grisham, D.L., Baldwin, T.S., Ekberg, E.L., Lambert, J.E., Madrid, M.A., Tanner, R.L. Monitors 1980: now there are two 1-50976
- Grisham, J.D. The dynamics of fusional vergence eye movements in binocular dysfunction 1-35786
- Grisham, L. see Meservey, E.B. 1-24992
- Grisham, L.R. see Strachan, J.D. 1-45729
- Grishanov, B.I., Meshkov, I.N., Skriskii, A.N. A high-efficiency reversible transformer of electrical energy into kinetic energy of an electron beam 1-28776
- Grishanov, N.I., Nekrasov, F.M. Parametric instabilities of MHD oscillations of a high temperature plasma in the field of an Alfvén wave 1-38079
- Grishchenko, L.V. see Rudenko, V.P. 1-35448
- Grishchishina, L.N. see Maiboroda, V.P. 1-35265
- Grishchuk, L.P., Polnarev, A.G. Gravitational waves and their interaction with matter and fields 1-18112
- Grishchuk, L.P., Popova, A.D. Gauge conditions for higher spin fields in an external gravitational field 1-40699
- Grishin, A.M., Gumen, L.N., Kaner, E.A., Fel'dman, E.P. To the theory of quantum effects in electron dislocation drag in magnetic field 1-2441
- Grishin, A.M., Nemirovskii, V.B. Investigation of the flow and heat transfer of viscous reacting fluids in long tubes 1-34013
- Grishin, A.M. see Agranat, V.M. 1-19695
- Grishin, A.N. see Utjamshev, R.I. 1-32297
- Grishin, S. see Avdyuevsky, V. 1-44404
- Grishin, S.A. see Pustovoi, V.N. 1-16752
- Grishin, V.G., Ienik, L., Kanarek, T. Azimuthal correlations of $\pi^+\pi^-$ pairs in pion-nucleus and pion-nucleon interactions at $p=40$ GeV/c 1-45356
- Grishin, V.G. see Abdrahmanov, E.O. 1-722
- Grishin, V.G. see Akhababya, N.O. 1-36875
- Grishin, V.G. see Akhababyan, N.O. 1-45510
- Grishin, V.G. see Angelov, N. 1-18689
- Grishin, V.G. see Angelov, N.S. 1-18525
- Grishin, V.K., Kolomenskii, A.A. Effectiveness of generation of electromagnetic waves in inhomogeneous beam-plasma systems 1-46894
- Grishin, V.N. see Vorob'ev, V.I. 1-42539
- Grishin, Yu.A. see Sagdeev, R.Z. 1-29002
- Grishin, Yu.M., Kozlov, N.P., Khvesyuk, V.I., Mosin, G.A. Strong-current planar compressed discharge 1-42238
- Grishin, Yu.M., Kozlov, N.P., Mosin, A.A., Khvesyuk, V.I. Equilibrium of strong-current compressed discharge in a dense optically opaque plasma 1-38174
- Grishin, Yu.M., Kozlov, N.P., Mosin, A.A., Khvesyuk, V.I. Experimental confirmation of the effect of compression of planar plasma flow 1-42144
- Grishin, Yu.M., Mosin, A.A. Effect of mass forces on particle motion in a laminar sublayer of turbulent flow in rectilinear channels with various spatial orientations 1-11466
- Grishina, A.D. see Gilef, A.M. 1-24374
- Grishina, E.P. see Rumyantsev, E.M. 1-43587
- Grishina, I.A. see Vasil'eva, A.N. 1-42247
- Grishina, T.N., Zemlyanova, L.I. Method of microdiffraction analysis of the structure of multi-component semiconductor materials 1-15762
- Grishina, T.N. see Fedorov, V.N. 1-3779
- Grishina, V.E. see Zharov, A.I. 1-48492
- Grishutin, D.V. see Uperovich, N.V. 1-40078
- Grisk, J.J., Miner, R.G., Wortman, D.J. Performance of second generation airfoil coatings in marine service 1-30596
- Grismore, R. see Treadaway, M.J. 1-34138
- Grissom, W.M., Wierum, F.A. Liquid spray cooling of a heated surface 1-38618
- Grishina, A.G. The trispherical total shoulder prosthesis 1-13355
- Grival, J.-P. A contribution to thermal and thermodynamic design of high-temperature heat pumps 1-13152
- Grissal, F.E. Longitudinal magnetostriction of porous nickel 1-21027
- Gritsenko, N.I., Moshel', N.V. Conductivity, diffusion, and mobility of a charge carrier in nematic liquid crystal 1-30434
- Gritsenko, S.A. Calculation of bed velocities and characteristics of the curvature of a wave front in a three-dimensional stratified homogeneous medium 1-40080
- Gritsenko, V.A., Meerson, E.E. On silicon nitride conductivity 1-38861
- Gritskevich, A.L. see Beletskii, V.M. 1-42414
- Gritskevich, S.F. see Maksyutenko, B.P. 1-28514
- Grits'ko, E.G. Mixed heat conduction problem for a right-angled parallelepiped 1-46654
- Grits'ko, E.G. see Kolyano, Yu.M. 1-15361
- Grizner, M.L. see Woolson, W.A. 1-22554
- Grivas, D., Morris, J.W., Jr. Observations on the differences reported in Region I for the superplastic Zn-22% Al eutectoid 1-53244
- Grmela, M. Compatibility of the Enskog-like kinetic theory with thermodynamics. II. Chemically reacting fluids 1-2130
- Grmela, M., Garcia-Colin, L.S. Compatibility of the Enskog kinetic theory with thermodynamics. I 1-2129
- Grobe Sachs, J., Bowman, J.M. Wave vector modification of the infinite order sudden approximation 1-10808
- Grobler, R. see Yamin, P. 1-45372
- Grobler, A.W., Jr. see Damm, E.P., Jr. 1-51582
- Grobler, B. Influence of the pupil imagery on the illumination in the image plane of optical systems 1-29220
- Groch, M.W. see Murphy, P.H. 1-35879
- Grochowski, J. see Glowaczewski, P. 1-11018
- Grodziewicz, W.H. see Novak, P. 1-34876
- Grodzowski, J. see Stuglik, Z. 1-17122
- Grody, N.C., Gruber, A., Shen, W.C. Atmospheric water content over the tropical Pacific derived from the Nimbus-6 scanning microwave spectrometer 1-49355
- Grodzins, L. see Koyama-Ito, H. 1-18937
- Grodzinski, A.J. see Eisenberg, S.R. 1-13218
- Grodzinski, D.M. see Dmitriev, A.P. 1-8914
- Groeber, R. see Nagami, M. 1-15637
- Groen, J.P., Klaassen, T.O., Pouls, N.J., Muller, G., Thomas, H., Beck, H. Dynamics of the $s=1/2$ linear Hiesenberg antiferromagnet in a magnetic field: experiment and theory 1-25966
- Groeneboer, R.H. What lower temperature means for plating processes 1-26647
- Groenendijk, H.A., van Duynveldt, A.J., Willett, R.D. Experimental study of the effect of domains on the AC susceptibility of the weak ferromagnet (C₃H₇NH₂)₂MnCl₄ 1-3154
- Groeneveld, D.G.S. see Winter, J.G. 1-50197
- Groeneveld, K.-O. Coulomb explosion of molecular heavy ions 1-10816
- Groenier, W.S., Crouse, D.J., Vondra, B.L. Development of reprocessing technology for breeder recycle 1-18873
- Groeninx, G., Reynaers, H. Morphology and melting behavior of semicrystalline poly(ethylene terephthalate). II. Annealed PET 1-16811
- Groeninx, G., Reynaers, H., Berghmans, H., Smets, G. Morphology and melting behavior of semicrystalline poly(ethylene terephthalate). I. Isothermally crystallized PET 1-16024
- Groff, G.C. Heat pumps in the USA: 1950-1990 1-35677
- Grogan, D., Bradley, R.P., Ashmore, J.P., Scott, J.G. Some problems associated with large scale TLD monitoring and their solutions 1-6083
- Grogan, D. see Ashmore, J.P. 1-32253
- Grogan, D. see Schier, W. 1-41156
- Groger, B., Kronmüller, H. The effect of very extensive and short-wavelength elastic stresses on the coercive force of amorphous ferromagnetics 1-31009
- Grogard, R.J.-M. Quasi-linear dynamics of a hot Maxwellian electron distribution released from a localized region in a homogeneous plasma 1-2163
- Grob, P. see Peyraud, J.P. 1-26487
- Grohmann, K. Error determination of inductive voltage dividers with nondecade ratio settings 1-36622
- Grohmann, K. see Boersch, H. 1-49970
- Groisman, P.Ya. see Vinnikov, K.Ya. 1-22467
- Groix, F. see Guegan, F. 1-48393
- Grojean, R.E., Sousa, J.A., Henry, M.C. The efficacy of solar conversion in a polar environment 1-31987
- Grokhotov, V.T. see Korshunov, A.N. 1-42535
- Groll, H. Impedance measurement methods on microwaves by combination with a small desktop-computer 1-28023
- Groll, H.P., Kohl, W. Six port consisting of two directional couplers and two voltage probes for impedance measurement in the millimeter-wave range 1-36688
- Grolleau, B. see Catherine, Y. 1-43278
- Grolmes, M.A., Lambert, G.A. Liquid film considerations for LMFBR accident analysis 1-45686
- Grolway, C.M. see Feraday, M.A. 1-50772
- Groma, G. see Godeny, I. 1-47306
- Groma, G. see Kovacs, L. 1-21504
- Gromashevskii, V.I. see Bondarenko, V.S. 1-25766
- Gromenko, V.M. see Golubnichii, P.I. 1-3493
- Gromes, D. see Bender, I. 1-445
- Gromme, C.S. see Van der Voo, R. 1-22213
- Gromov, E.M. see Basovich, A.Ya. 1-51946
- Gromov, K.Ya. see Abdurazakov, A.A. 1-33217
- Gromov, K.Ya. see Alikov, B.A. 1-659, 1-45385, 1-45459
- Gromov, K.Ya. see Alkhasov, G.D. 1-45464
- Gromov, L.A., Zakryapin, S.B., Nikitin, O.P. Radiation damage in Cu₃Au by recoil atoms from photoelectron reactions 1-42436
- Gromov, V.I. see Min'kov, D.B. 1-12699
- Gromova, A.I. see Gerasimov, V.V. 1-28598
- Gromovskiy, V.I. Taking account of heat transfer in locally heated thermoelastic plates made out of composite materials 1-29573
- Gromyak, R.S. The plastic zone in the vicinity of the tip of a hard inclusion in antiplane strain 1-29576
- Gromyak, R.S. see Delyavskii, M.V. 1-33932
- Grozin, D.E., Malafaev, N.T., Murakhovskii, A.A. Phase transitions in a Zn₂Y single crystal [ferromagnetic resonance study] 1-26044
- Gron, O. Covariant formulation of Hooke's law 1-27715

- Gron, O. A general equation of the Doppler effect 1-41543
- Gronager, J. Debris bed experiment No.4—A preliminary look 1-10474
- Gronager, J.E. see Schwarz, M. 1-45687
- Gronau, M., Yahalom, R. Ambiguities in zeroth order fermion mass matrices 1-36836
- Gronau, M. see Eilam, G. 1-14375
- Groncki, P.J. see Lukachinski, J. 1-35631
- Grone, R., Hascik, J., Topolsky, J. The registration of the annihilation photons 1-1020
- Grone, R., Hozza, V., Necas, V. An electromagnetic analyser of back-scattered accelerated ions with pulse controlled current stabilised source 1-50275
- Gronfeld, G. see Vossebrecker, H. 1-5892, 1-23782
- Gronemeyer, S.A., Brownell, G.L., Elmaleh, D.R., Athanasoulis, C.A. Transverse section imaging of soft tissue tumors and peripheral vascular disease 1-32243
- Groningen, E. Van see Van Groningen, E.
- Gronsfeld, J. see Schmidtmann, E. 1-48394
- Gronsky, R., Furrer, P. Grain boundary precipitation in aluminum alloys: effect of boundary structure 1-53183
- Gronsky, R. see Spence, J.C.H. 1-40904
- Grozotko, Ya. see Bechvalzh, F. 1-41114
- Groom, P.J. see McKeever, S.W.S. 1-949
- Groot, D.G. de see de Groot, D.G.
- Groot, E.H. de see de Groot, E.H.
- Groot, H. see Taylor, R.E. 1-20481
- Groot, J.D. see De Groot, J.
- Groot, M.S. de see de Groot, M.S.
- Groot, P.J. de see de Groot, P.J.
- Groote, D., Kaufmann, J.P. The infrared-excess of peculiar B and A stars. 1-154505
- Groote, R.A.M.C. de see De Groote, R.A.M.C.
- Gros, A. see Gnet, G. 1-3491, 1-31192
- Gros, Ch. see Gauthier, M. 1-8973
- Gros, M., Magnan, C. The method of addition of layers to solve non-linear radiative transfer problems 1-36174
- Grosbol, P. see Yuan, C. 1-54606
- Grosbras, M., Cahoreau, M., Caisso, J., Caillon, M., Dedieu, E., Denant, M.F. Plasticity of oxide dispersed monocrystral Cu-TiO₂ alloy 1-21547
- Grose, T.R., Mikaelian, K.O. W and Z⁰ decays into quarks plus a photon or a gluon 1-45180
- Grosheva, V.M. see Karpinos, D.M. 1-31406
- Grosman, J. see Sombret, B. 1-21192
- Grosman, M. see Champy, M. 1-8962
- Gross, B., Paukert, J. The modelling of volt-amp characteristics of the arc discharge in the low voltage-high current region 1-25105
- Gross, B., West, J.E., von Seggern, H., Berkley, D.A. Time-dependent radiation-induced conductivity in electron-irradiated Teflon foils 1-7634
- Gross, B. see Farlik, A. 1-25069
- Gross, B. see Harna, Z. 1-15644
- Gross, D. Antisolator and thermally insulating thin films for simple glazings 1-51577
- Gross, D. see Johnson, M.W. 1-4257
- Gross, D. see Kuznetsov, A.A. 1-36883
- Gross, D.H.E. Deep inelastic collisions viewed as Brownian motion 1-50637
- Gross, D.H.E., Nayak, R.C., Satpathy, L. A classical description of deep inelastic collisions with surface friction and deformation 1-45532
- Gross, D.H.E. see Brosa, U. 1-23675
- Gross, D.J. Semi-classical methods in QCD and hadronic structure 1-14260
- Gross, D.J., Pissarski, R.D., Yaffe, L.G. QCD and instantons at finite temperature 1-40940
- Gross, D.J. see Brezin, E. 1-18438
- Gross, E.C. The assembly of plug connections on light wave-guides 1-19455
- Gross, E.E. see Bertrand, F.E. 1-45550
- Gross, E.E. see Fulmer, C.B. 1-50617
- Gross, E.E. see Freedom, B.M. 1-45540
- Gross, E.E. see Stokstad, R.G. 1-41157
- Gross, E.K.U., Dreizler, R.M. Relativistic gradient expansion of the kinetic energy density 1-45870
- Gross, E.K.U. see Toepfer, A. 1-24309
- Gross, E.L. see Bhardwaj, R. 1-43784
- Gross, F. see Arnold, R.G. 1-41095
- Gross, F. see Carlson, C.E. 1-28279
- Gross, G.W. see Higgins, M.L. 1-27038
- Gross, J.F. see Salathe, E.P. 1-26871
- Gross, J.G., Lewonczuk, S., Khan, M.A., Ringesen, J. The reflection spectra of cuprous halides at low temperature in the 4.5 to 30 eV range and related band structures 1-42687
- Gross, J.G. see Lewonczuk, S. 1-38757
- Gross, K.C., Strain, R.V. Delayed neutron signal characterization in a fast reactor 1-5903
- Gross, K.C., Strain, R.V. Equivalent recoil area concept for delayed neutron signal characterization 1-45694
- Gross, K.C. see Strain, R.V. 1-50827
- Gross, K.D. see Goebel, R. 1-23375
- Gross, L. see Glad, A. 1-6006
- Gross, L.G. see Vozzhayev, V.D. 1-23344
- Gross, M.W. Lorentz transformation for quark processes: a comment on M. Koshiba's paper 1-45367
- Gross, P. see Fontaine, B. 1-46286
- Gross, P. see Forestier, B. 1-46305
- Gross, P.G. On magnetic mixing and rotation in stellar evolution 1-17831
- Gross, R.R. see Shuping, R.E. 1-44024
- Gross, R.S. see Gore, J.G. 1-3881
- Grossbach, R. see Clancy, P.F. 1-36157
- Grossbeck, M.L. see Liu, K.C. 1-905
- Grosse, E. see Emiling, H. 1-28368
- Grosse, E. see Ower, H. 1-45397
- Grosse, E. see Piercey, R.B. 1-41030
- Groshe, H., Lang, C.B., Nicolai, H. Equivalence of the Z₄ and the Z₂×Z₂ lattice gauge theories 1-33108
- Grosse-Nobis, W., Rauscher, G. Differential movement in a 180° Bloch wall in silicon-iron single crystals 1-30972
- Grosser, B. see Stock, K.D. 1-2781
- Grossetete, B. see Aston, D. 1-14399, 1-45297, 1-50442
- Grosshandler, W.L. Radiative heat transfer in non-homogeneous gases: a simplified approach 1-19552
- Grossiord, A. see Radulovic, R. 1-4391
- Grossiord, J.Y. see Geaga, J.V. 1-28449
- Grosskreutz, C. see Moeller, C.E. 1-13085
- Grossl, M., Langenwalter, M., Helm, H., Mark, T.D. Molecular ion formation in decaying plasmas produced in pure argon and krypton 1-53410
- Grossman, F. see Bretthauer, E.W. 1-45742
- Grossman, G. see Factor, H.W. 1-8672
- Grossman, J.N. see Sears, D.M. 1-9440
- Grossman, L. Refractory inclusions. In the Allende meteorite 1-13743
- Grossman, L. see MacPherson, G.J. 1-40430
- Grossman, L.M. see Cho, N.Z. 1-45658
- Grossman, L.W. see Nishiyama, H. 1-53913
- Grossman, P. see Mazzucato, M. 1-50462
- Grossman, W. see Freitag, W. 1-45002
- Grossman, W. see Kappraff, J. 1-42159
- Grossman, W.D. The polyelectrolyte behavior of articular cartilage 1-22004
- Grossmann, W.M. see Kushner, M.J. 1-39645
- Grossmann, A., Heogh-Krohn, R., Mebkhou, M. A class of explicitly soluble, local, many-center Hamiltonians for one-particle quantum mechanics in two and three dimensions. 1-1-93
- Grossmann, A., Tip, A. Hydrogen atoms interacting with a quantised radiation mode 1-6221
- Grossmann, H.P., Arnold, R., Burkle, K.R. IR spectroscopic investigations of cycloalkanes 1-39089
- Grossmann, H.P. see Pechhold, W.R. 1-30025
- Grossmann, M., Straizys, V. Comet Cernis-Petraskas (1980K) 1-17792
- Grossmann, P. see Allen, P. 1-14367, 1-36856, 1-36857
- Grossmann, P. see Blitschau, J. 1-10190
- Grossmann, P. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Grossmann, P. see Fritze, P. 1-14431
- Grossmann, P. see Grassler, H. 1-50414
- Grossmann, S., Krappe, H.J. Inertia effects in the mass transport of heavy ion reactions 1-18679
- Grossmann, W., Saltzman, J. Adiabatic compression of 3-D plasma magnetic field configuration 1-38130
- Grosso, G., Parravicini, G.P. A new approach for EXAFS calculations 1-16626
- Grosso, G. see Baroni, S. 1-38716
- Grosswig, S. see Dietrich, B. 1-29976
- Grotberg, J.B., Davis, S.H., Mitzner, W.A. Frequency dependence of pressure-volume loops in isolated dog lobes 1-32159
- Grotch, H. Lamb shift in nonrelativistic quantum electrodynamics 1-27721
- Grotch, H., Kazes, E. Heisenberg equation of motion calculation of the electron self-mass in nonrelativistic quantum electrodynamics 1-14285
- Grotch, H., Kazes, E. Nonrelativistic calculation of the electron g factor 1-14286
- Grote, H., Zanella, P. Applied software for wire chambers 1-14724
- Grote, H. see Diddens, A.N. 1-14747, 1-23998
- Grote, H. see Dirjard, D. 1-14768
- Grote, H. see Jonker, M. 1-10194, 1-14432, 1-45258
- Grote, R.F., Hynes, J.T. The stable states picture of chemical reactions. II. Rate constants for condensed and gas phase reaction models 1-8553
- Grotewold, W.W. see Cannon, T.W. 1-44330
- Grotth-Andersen, L. see Johannsen, I. 1-53073
- Grottheer, H.H., Just, Th. Kinetics of the oxidation of methanol by ground-state atomic oxygen 1-41521
- Grotloh, K. Behaviour of main steam isolation and feedwater check valves in nuclear reactors under cooling pipe fracture conditions 1-18786
- Grotowski, K. see Davison, N.E. 1-36957
- Grotowski, K. see Wojcik, M. 1-23969
- Groubert, E. see Boyer, A. 1-47770
- Group High Background Radiation Res. see High Background Radiation Res. Group
- Group Solar Radio see Solar Radio Group
- Grover, C.R.M., Smith, D.A., Goringe, M.J. Nucleation and migration of high angle grain boundaries in bilayer foils. I. Nucleation 1-38384
- Grover, C.R.M., Smith, D.A., Goringe, M.J. Nucleation and migration of high angle grain boundaries in bilayer foils. II. Migration 1-38385
- Grover, C.P., Tremblay, R. Optical correlator. A device based on correlated random partial diffusers 1-1501
- Grover, C.P., Tremblay, R. Multicolor wave front reconstruction in white light 1-1510
- Grover, C.P., Tremblay, R. Holographic imaging with a white light source: a novel technique 1-6505
- Grover, C.P. see Trivedi, S.S. 1-6492
- Grover, G.K. see Aggarwal, K.R. 1-41968
- Grover, N.B., Margalit, A., Zaritsky, A., Ben-Hur, E., Hansen, M.T. Sensitivity of exponentially growing populations of Escherichia coli to photo-induced psoralen-DNA interstrand cross-links 1-32193
- Grover, P.S. Annihilation of positrons in rare gases—a phenomenological study 1-6389
- Grover, P.S. Positron lifetimes in helium gas 1-24910
- Grover, P.S., Muhammed, M.S.A., Sami, S.A. Equilibrium positron decay rates in helium 1-6388
- Grover, R. Does diamond melt? 1-34462
- Groves, S.H. see Daidiuk, V. 1-33053
- Groves, S.H. see Daidiuk, V. 1-45014
- Grow, R. see Ancona, A. 1-50865
- Grozdanov, T.P. Classical model for electron capture in collisions of highly charged, fully stripped ions with hydrogen atoms 1-6375
- Grozdanov, T.P., Janev, R.K. Two-electron capture in slow ion-atom collisions 1-1346
- Grozdanov, T.P. see Komarov, I.V. 1-6202
- Grozdev, K. see Georgiev, G. 1-16434
- Grozen, A.G. see Bate, V.N. 1-50449
- Grozin, A.G. Generalization of the criterion of renormalizability to the case of an arbitrary unperturbed Lagrangian 1-28197
- Grozin, A.G. see Baier, V.N. 1-5620, 1-14425
- Grozov, V.N., Kotov, V.M., Paramonov, V.V., Sorokin, B.V., Cherepin, Yu.S. Nondestructive method of measuring the activity distributions of sources 1-10613
- Gruba, V.D. see Yukhnovskii, I.R. 1-19157, 1-34456
- Gruba, V.D. see Yukhnovskii, I.P. 1-29078
- Grube, G.J., Park, J.Y. Simple geometrical derivation of the different equation for the rigid rotor 1-27729
- Grube, G.W., Tom, C. Improved numerical efficiency in a frequency tracker 1-11249
- Gruber, A. see Grody, N.C. 1-49355
- Gruber, C., Martin, P. Translation invariance in statistical mechanics of classical continuous systems 1-50031
- Gruber, Ch. see Choquard, J. 1-36596
- Gruber, D.E., Matteson, J.L., Nolan, P.L., Knight, F.K., Baity, W.A., Rothschild, R.E., Peterson, L.E., Hoffman, J.A., Scheepmaker, A., Wheaton, W.A., Primini, F.A., Levine, A.M., Lewin, W.H.G. Hercules X-1 hard X-ray pulsations observed from HEO 1-1-22837
- Gruber, D.E. see Primini, F.A. 1-49830
- Gruber, H., Krautz, E. Investigation of electrical conductivity and magnetoresistance in the molybdenum-oxygen binary system 1-38821
- Gruber, J.B. see Taher, S.M. 1-25872
- Gruber, J.B. see Taher, S.M.A. 1-25747
- Gruber, J.B. see Westrum, E.F., Jr. 1-16053, 1-25456
- Gruber, R. H.YMNIABLOCK—Eigenvalue solver for blocked matrices 1-23032
- Gruber, R., Troyon, F., Berger, D., Bernard, L.C., Roussel, S., Schreiber, R., Kerner, W., Schneider, W., Roberts, K.V. ERATO stability code 1-51934
- Grubich, A.O. see Baryshevskii, V.G. 1-34385
- Grubl, G.J. A generalization of the Higgs model without dipole ghosts 1-36795
- Gruboi, A.P. see Ruzhinski, L.N. 1-33594
- Grudeva, E. see Apostolov, A. 1-42744
- Grudin, A.B. see Belov, A.V. 1-6674
- Grudkowski, T.W., Black, J.F., Reeder, T.M., Culen, D.E., Wagner, R.A. Fundamental-mode VHF/UHF miniature acoustic resonators and filters on silicon [IC applications] 1-41930
- Grudskaya, R.E. see Kudryavtsev, I.V. 1-31617
- Grudskii, A.Ya. see Brytov, I.A. 1-18346
- Gruzdien, M., Rogalski, A. The Fermi level in Pb_{1-x}Sn_xTe, Pb_{1-x}Sn_xSe and PbS_{1-x}Se_x 1-38712
- Gruzdien, M., Rogalski, A. Photovoltaic detectors Pb_{1-x}Sn_xTe (0≤x≤0.25). Minority carrier lifetimes. Resistance-area product 1-38807
- Gruebler, W. Polarization phenomena in the three- and four-nucleon systems 1-28392
- Gruebler, W. Three- and four-nucleon systems (experiment) 1-50580
- Gruebler, W., Schmelzbach, P.A., König, V. Calibration of T_{pol}(0°) of the ³He(d, pol, p)⁴He reaction 1-14512
- Gruebler, W. see Borbely, L. 1-28455

- Gruebler, W. *see* Jenny, B. 1-28486
- Gruehn, R. *see* Heurung, G. 1-34482
- Gruen, D. *see* Ron, M. 1-21382
- Gruen, D.M., Wright, R.B., Veprek, S. Plasma-materials interactions and impurity control in magnetically confined thermonuclear fusion machines 1-34090
- Gruen, D.M. *see* Bowman, R.C., Jr. 1-3282
- Gruen, D.M. *see* Krauss, A.R. 1-24998
- Gruen, D.M. *see* Mendelsohn, M.H. 1-18238, 1-31855
- Gruen, D.M. *see* Sheft, I. 1-21889
- Gruen, D.M. *see* Steinbruechel, C. 1-41336
- Gruen, D.W.R. A mean-field model of the alkane-saturated lipid bilayer above its phase transition. I. Development of the model 1-39891
- Gruen, D.W.R., Haydon, D.A. A mean-field model of the alkane-saturated lipid bilayer above its phase transition. II. Results and comparison with experiment 1-39892
- Gruenewald, R.B. Photoionization models and the low-excitation line emission region of active galaxy nuclei 1-40561
- Gruhl, W. *see* Katke, L. 1-8490
- Grujic, P. *see* Kolesin, D. 1-51298
- Grumberg, J. *see* Hoc, N. 1-37153
- Grumm, H. Designing IAEA safeguards approaches 1-14589
- Grummt, U.-W. Reversible photoisomerizations of sulfonephthalen indicator dyes 1-35505
- Grun, E. *see* Morfill, G.E. 1-32649, 1-32650, 1-32651, 1-32652
- Grun, J.B. Hyper-Raman scattering via biexcitons [CuCl] 1-52939
- Grun, J.B. *see* Honerlage, B. 1-2880
- Grunberg, P. Magnetostatic spinwave modes of a ferromagnetic double layer 1-3162
- Grunberger, L. *see* Bostick, W.H. 1-34060
- Grunder, M., Halbritter, J. On surface coatings and secondary yield of Nb₃Sn and Nb 1-16168
- Grundersen, H.J.G. Stereology - or how figures for spatial shape and content are obtained by observation of structures in sections 1-36771
- Grundt, E.W. *see* Betts, D.D. 1-20948
- Grunder, W. *see* Schaller, H.D. 1-46060
- Grundling, M.L. On the volume transport of the Agulhas Current 1-27172
- Grundon, F.R. *see* Biody, R.J. 1-18330
- Grundy, P.J. *see* Bhatti, A.R. 1-30065
- Gruner, G., Zawadowski, A., Chaikin, P.M. Non-linear conductivity and noise due to charge-density-wave depinning in NbSe₃ 1-47720
- Gruner, G. *see* Chaikin, P.M. 1-20712
- Gruner, G. *see* Chock, E.P. 1-38804
- Gruner, G. *see* Epstein, A.J. 1-30730
- Gruner, G. *see* Lacey, R.C. 1-30732
- Gruner, G. *see* Sanny, J. 1-3262
- Grunes, L.A., Leapman, R.D. Optically forbidden excitations of the 3s subshell in the 3d transition metals by inelastic scattering of fast electrons 1-21308
- Grunewald, G. Phonon linewidths in Nb_{1-x}Mo_x alloys 1-42486
- Grunewald, K. *see* Bowering, R. 1-8963
- Grunfeld, V. *see* Fink, H.J. 1-12226, 1-42902
- Grung, B.L. *see* Koepke, B.G. 1-17209
- Grung, B.L. *see* Zook, J.D. 1-3639
- Grunhaus, J. *see* Dado, S. 1-33206
- Grunhaus, J. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Grunin, V.S., Patrino, I.B., Zonn, Z.N. Electron spin resonance of V₂O₅ single crystals doped with Cr and W 1-3253
- Gruninger, K.-D., Schwenk, A., Mann, B.E. Direct observation of ¹⁰³Rh NMR and relaxation investigations by steady-state techniques 1-41405
- Grunsven, T.F.J. *see* van Grunsven, T.F.J.
- Grunthaner, F.J., Lewis, B.F., Zamini, N., Maserjian, J., Madhukar, A. XPS studies of structure-induced radiation effects at the Si/SiO₂ interface 1-43239
- Grunthaner, F.J. *see* Grunthaner, P.J. 1-16192
- Grunthaner, F.J. *see* Vasquez, R.P. 1-13061
- Grunthaner, F.J., Grunthaner, F.J., Mayer, J.W. XPS study of the chemical structure of the nickel/silicon interface 1-16192
- Grunthaner, F.J., Vasquez, R.P., Grunthaner, F.J. Chemical depth profiles of the GaAs/native oxide interface 1-16378
- Gruntz, K.J. *see* Fang, C.J. 1-39095
- Gruntz, K.J. *see* Ley, L. 1-53005
- Grunwald, J.E. *see* Riva, C.E. 1-39978
- Grunwaldt, L. *see* Fischer, H. 1-40216
- Grunze, M. *see* Netzer, F.P. 1-12639, 1-39221
- Grunzel, R. *see* Friedrichs, M. 1-37026
- Grupe, C., Muller, D., Roschinger, M., Spill, A., Zech, G. Construction, test and readout of a large-area drift chamber 1-1003
- Grupe, C. *see* Berger, C. 1-5636, 1-10209
- Grupe, C. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Grupp, H. *see* Buttler, W. 1-2528
- Grupp, H. *see* Heitjans, P. 1-31054
- Grusell, E., Berg, S., Andersson, L.P. Electrical defects in silicon introduced by sputtering and sputter-etching 1-30820
- Grusha, O.V. *see* Vorotnikov, P.E. 1-45545
- Grusha, S.A. *see* Alfeyev, V.N. 1-34834
- Grushin, V.F. *see* Get'man, V.A. 1-10230
- Grushko, A.I., Kir'yanov, K.E., Mittakhov, N.M., Ryl'nikov, A.S., Smirnov, Yu.P., Fedorov, V.V. Hyperfine shift of X-ray lines excited during internal conversion 1-41339
- Grushko, N.S., Panasyuk, L.M., Provotorov, V.L. Investigation of the potential diagram of Sb-As₂Se₃-Si structure 1-20878
- Gruter, H. Measuring the pulse energy of a nitrogen laser with a potassium ferrioxalate actinometer 1-14165
- Grueters, W. *see* Berentzen, F. 1-8518
- Grueter, A. *see* Gunten, H.R. 1-45553
- Gruzev, P.F., Loginov, A.V. Semiempirical computation of transition probabilities in the spectra of P VI, S VII ions 1-1176
- Gruzev, V.A., Kreindel, Y.E., Martens, V.Y. Metal-plasma-metal cathode with large emitting surface 1-31318
- Gruzev, M.G. *see* Veinberg, V.B. 1-4350
- Gruzin, P.L., Rodionov, Yu.L., Pryakhin, V.A. Phase diagram of FCC iron-nickel alloys 1-31424
- Gruzin, P.L. *see* Alt'udov, Yu.K. 1-52163
- Gruzinov, B.F., Konstantinov, P.P., Lev, E.Ya., Sysoeva, L.M. Effect of added copper on kinetic effects in rhombohedral and cubic GeTe 1-38789
- Gruzinski, V.V., Danilova, V.I., Kopylova, T.N., Petrovich, P.I., Shishkina, E.Yu. Stimulated emission of ultraviolet radiation by benzoxazoles 1-33679
- Gruzinski, V.V., Suchkov, V.A. Luminescence and lasing characteristics of 2-(4-biphenyl)-5-phenylazobenzene 1-1560
- Gruzinski, V.V. *see* Barkova, L.A. 1-14955
- Gruzinski, V.V. *see* Danilova, V.I. 1-6552
- Gruzniczki, F. *see* Bratescu, G.G. 1-33416
- Gruzza, B. *see* Gillet, E. 1-2825
- Gryank, V.M. Relationship between spatial and time spectra of atmospheric oscillations 1-49330
- Gryaznev, V.M. *see* Afanas'ev, V.A. 1-28532
- Gryazin, G.N. Transmission of moving images by photographic systems 1-23347
- Gryaznov, G.M., Arabi, B.G., Belyakov, A.I., Voshedchenko, B.M., Lapovok, V.N., Kuznetsov, S.A. Synthesis kinetics of Gd₂Ti₂O₇ and Dy₂Ti₂O₇ 1-35512
- Gryaznov, V.K. *see* Mintsev, V.B. 1-29850
- Gryaznova, I.P. *see* Il'in, V.G. 1-6623
- Gryczynski, I., Kawasaki, A., Paszye, S., Skowryta, T. Quenching of the Y-base fluorescence by heavy-atom induced intermolecular singlet-triplet energy transfer 1-41424
- Grygar, J., Horak, T.B. Orbital elements of the eclipsing binaries RW CrA and HO Tel from multicolour light curves 1-40531
- Grygar, J. *see* Kriz, S. 1-40529
- Grygier, E. *see* Szuba, S. 1-39159
- Gryglaszewski, P., Nowak, Z., Stacharska-Targosz, J. The effects of viscous dissipation on laminar heat transfer to power law fluids in tubes 1-24812
- Grylicki, M. *see* Rzechula, J. 1-21488
- Grylicki, M. *see* Zborowska, M. 1-48308
- Grylberg, G., Cagnac, B., Biraben, F. Multiphoton resonant processes in atoms 1-51178
- Grynberg, G., Giacobino, E., Biraben, F. Two-photon optically pumped laser 1-51458
- Grynberg, G. *see* Biraben, F. 1-24274
- Grynberg, G. *see* de Clercq, E. 1-45920
- Grynberg, M. *see* Cieniewski, R. 1-16551
- Grynberg, M. *see* Wittlin, A. 1-7667, 1-47948
- Gryning, S.-E., Lyck, E. Medium-range dispersion experiments downwind from a shoreline in near neutral conditions 1-17642
- Gryte, C.C., Roneos, C., Agarwal, A., Hochberg, A. Drag reduction characteristics of graft copolymers prepared by the gamma irradiation of poly(oxyethylene) in the presence of acrylic acid 1-46813
- Gryziecki, J., Dybiec, H. Hall-Petch relation in copper-zinc single-phase α alloys 1-3820
- Gryzynski, I., Kowski, A., Paszye, S., Skalski, D. Rotational motions of synthesized Y-base, free or bonded to adenine, in solvents of various viscosities 1-19080
- Grzegorzewski, B. Reconstruction of the object statistics from statistical parameters of speckle pattern 1-15079
- Grzeta-Plenkovic, B., Popovic, S., Desnica, D., Desnica, U. An X-ray diffraction study of the system Al₂Se₃-In₂Se₃ in the In-rich region 1-7143
- Grzinic, G. *see* Bursili, L.A. 1-30148
- Gschneider, K.A., Jr. The importance of the Glockner-Kaprun development in the post war period [hydroelectric power scheme] 1-4153
- Gschneider, K.A., Jr. *see* Stierman, R.J. 1-25826
- Gschneider, K.A., Jr. *see* Swilling, G. 1-35219
- Gschneider, K.A., Jr. *see* Takeshita, T. 1-30417
- Gschneider, K.A., Jr. From infinity to zero and back again to infinity (from mixed rare earths to ultrapure metals to pseudo-lanthanides) 1-26408
- Gschneider, K.A., Jr. *see* Bevolo, A.J. 1-31736
- Gschneider, K.A., Jr. *see* Bratland, D. 1-26409
- Gschneider, K.A., Jr. *see* Chung, Y. 1-20418
- Gschneider, K.A., Jr. *see* Dariel, M.P. 1-52351
- Gschneider, K.A., Jr. *see* Fort, D. 1-26383
- Gschneider, K.A., Jr. *see* Ikeda, K. 1-7349, 1-38882, 1-47894
- Gschneider, K.A., Jr. *see* Kim, Y.S. 1-26399
- Gschneider, K.A., Jr. *see* Tahir, S.M.A. 1-25872
- Gschneider, K.A., Jr. *see* Tahir, S.M.A. 1-25747
- Gschwend, K. *see* Sato, H. 1-25500
- Gschwind, R. *see* Haselbach, E. 1-51111
- G'sell, C., Champier, C. X-ray topographic examination of the generation, glide and locking of basal dislocations during the microplastic deformation of zinc and cadmium crystals 1-12832
- G'Sell, C. *see* Weynart, E. 1-21510
- Gu, C., Ling-Lie Chan Wang Loop-space formulation of gauge theories 1-28179
- Gu, Chaohao, Hu Hesheng On the spherically symmetric gauge fields 1-50304
- GU Guo-qing *see* Su Ru-keng 1-23472
- GU Guo-Ding *see* Chen Yun-Tai 1-4426
- GU Ji-Cheng *see* Zhang Zhi-Li 1-9084
- GU Jin-nan, Wang Zheng-da The rotational three-band interaction for even-even nuclei 1-18545
- GU Jin-Ping *see* Feng De-Yi 1-4428
- GU Khvan-Cher *see* Khvan-Chi 1-50302
- GU Ming-gao *see* Li Sin-zhou 1-50302
- GU Shi-wei, Liang Xi-xia On the stability of a Wannier exciton in a polar crystal 1-52491
- GU Song-Hua *see* Ding Hui-liang 1-41283
- GU Yi-ming *see* Mao De-qiang 1-47802
- GU Yiming *see* Zhou Zi-fang 1-20895, 1-25818, 1-52677
- GU Yong-Nian, Qiu Nai-Xian Kink instabilities of a plasma column with elliptical cross-section 1-42151
- GU Yuan-xin *see* Fan Hai-fu 1-52093
- GU Yuan-xin *see* Han Fu 1-47022
- GU Yuan-xin *see* Zheng Chao-de 1-52124
- Guagliardo, J.L. *see* Leonard, D.A. 1-22542
- Gualis, J.-C. *see* Coates, J.H. 1-14688
- Gualis, C. *see* Baroni, L. 1-36321
- Gualtieri, G.J. *see* Schwartz, G.P. 1-35570
- Guan, X.M., Ye, H.Q. Intergranular embrittlement caused by the precipitation of M₆C carbide containing silicon 1-26594
- Guan Dexiang *see* Li Yinting 1-32412
- Guan Ruonan Calculation of the α correction factors for electron microprobe analysis of oxides and its applicability 1-53503
- Guan Ruonan *see* Wang Wenhao 1-39697
- Guan Tongren *see* Chen Jiayan 1-27851
- Guan Xing-guo Characteristics and analysis of Earth-till anomalies before the Haicheng earthquake of M 7.3 1-22224
- Guan-Xiong Bao *see* Bao Guan-Xiong
- Guan-Yu Cao *see* Cao Guan-Yu
- Guang-can Che *see* Che Guang-can
- Guang-da Ji *see* Ji Guang-da
- Guang-hai Lin *see* Lin Guang-hai
- Guang-jion Ni *see* Ni Guang-jion
- Guang-Jiong Ni *see* Ni Guang-Jiong
- Guang-jun Liu *see* Liu Guang-jun
- Guang-Lie Li, Chu-Hsia Li, Lee, T.-S.H. A closure-approximation calculation of a pion double-charge-exchange reaction 1-45538
- Guang-mei Bai *see* Bai Guang-mei
- Guang-qi Liang *see* Liang Guang-qi
- Guang-Wei Luo *see* Luo Guang-Wei
- Guang-zhao Zhou, Zhao-bin Su, Biao-lin Hao, Lu Yu Closed time path Green's functions and critical dynamics 1-9962
- Guang-zhao Zhou *see* Zhou Guang-zhao
- Guangxiang Xia *see* Xia Guangxiang
- Guangyin Zhang *see* Zhang Guangyin
- Guangzhao Zhou *see* Zhou Guangzhao
- Guankun Liu *see* Liu Guankun
- Guaraldi, L., Sr. Fused quartz: when is it the best choice? 1-46470
- Guaraldo, C. *see* Capitani, G.P. 1-23936
- Guardini, S., Guzzi, G. Post irradiation analysis of high burn-up light water reactor fuel elements 1-50784
- Guardini, S. *see* Azzoni, P. 1-777
- Guardiola, R., Polls, A., Ros, J. Model calculations in correlated finite nuclei 1-36912
- Guardo, R. *see* Lussier, M. 1-17517
- Guarducci, D., Oberhofer, M. Application of LIF-TL-phosphors for the measurement of low energy (keV) beta radiation 1-41285
- Guarini, G., Flores, C. Solar cells for high efficiency photovoltaic systems 1-35650
- Guarino, G. *see* De Leo, R. 1-14520
- Guarnieri, A. *see* Bartolini, C. 1-17879
- Guarnieri, C.R., Lee, W., Richardson, R.E., Wieder, H. Amorphous SiC films for passivation applications 1-48274
- Guarnieri, C.R., Wieder, H. Wavelength-selective infrared detector 1-50203
- Guarnieri, C.R. *see* Acedo, H.A. 1-48276
- Guarrera, A. *see* Giordano, R. 1-712
- Guay, P.M. Determination of the plutonium contained in waste by gamma counting 1-14601
- Guazzelli, E. Homogeneous nucleation of a pair of defects in a periodic convective structure 1-30048

- Guazzoni, P., Michelato, P., Moroni, A., Taiocchi, G.F., Zetta, L. D.A.G., a digital to analog generator of coincident pulse pairs 1-37078
- Gubaidullin, F.F., Gil'manov, A.N., Ermakov, V.L., Pilipenko, G.I. Nuclear magnetic relaxation in lithium hydride 1-26069
- Gubaidullin, F.F. *see* Kashayev, R.S. 1-3288
- Gubankov, V.N., Margolin, N.M. Detection of millimeter radiation by superconductor-normal metal microcontacts 1-40857
- Gubanov, A.G., Dagkesamanskii, R.D., Rudenko, V.A. Radio emission of the near clusters of galaxies at 102.5 MHz 1-4988
- Gubanov, V.A. Diffraction of surface acoustic waves by a conducting half-plane 1-19486
- Gubanov, V.A. *see* Anisimov, V.I. 1-35123, 1-42681
- Gubanov, V.A. *see* Freidman, S.P. 1-34622
- Gubanov, V.A. *see* Ivanovskii, A.L. 1-34619
- Gubanov, V.A. *see* Ivanovsky, A.L. 1-30628
- Gubanov, V.A. *see* Ryzhkov, M.V. 1-3570, 1-28873
- Gubanova, V.A. *see* Alybakov, A.A. 1-21039
- Gubarev, A.A. *see* Bruns, A.V. 1-27441
- Gubarev, A.V., Ovchinnikov, V.L. Numerical investigation of some three-dimensional effects in a segmented channel of an MHD generator with series-connected electrodes 1-19985
- Gubarev, V.F. Dynamics of positional control of a plasma column in a Tokamak installation 1-2222
- Gubarev, V.F., Dmitrenko, A.G. The control of transport processes in toroidal thermonuclear devices 1-2154
- Gubarevich, V.N. *see* Petrov, S.V. 1-25080
- Gubareika, K.E. Structure of non-uniform molecular fluids: integrodifferential equations for the density-orientation profile 1-30019
- Gubchenko, L.I., Berner, A.I., Gimel'farb, F.A., Fistul', V.I. Control of the distribution of impurities on dislocations by the method of secondary ionic emission 1-21310
- Gubchevskii, V.P. *see* Burkhanov, G.S. 1-48365
- Gubenko, L.V. *see* Potebnya, Yu.M. 1-53371
- Gubenko, S.I., Averin, V.V., Khomov, V.S., Milievskii, R.A. Sulphide inclusion hardening on microdoping of type ShKh-15 steel with rare-earth and alkaline earth metals 1-16870
- Guber, F.F. *see* Akinov, Yu.K. 1-41115
- Guberina, B., Kuhn, J.J., Peccoci, R.D., Ruckl, R. Rare decays of the Z^0 1-10219
- Guberina, B. *see* Galic, H. 1-40962
- Gubernatis, J.E. *see* Visscher, W.M. 1-38488
- Gubernatorov, V.V. *see* Sidorov, V.A. 1-8324
- Gubin, S.L., Albrecht, R.W. Acoustic-neutronic cross-correlation to detect boiling in a flowing system 1-18930
- Gubin, S.P. *see* Piskorskii, V.P. 1-21014
- Gubin, V.V., Reznichenko, N.P., Patalakh, G.P., Shuvalov, V.A. Influence of target orientation on the energy accommodation coefficient for nitrogen ions 1-46768
- Gubin, V.V., Reznichenko, N.P., Shuvalov, V.A. Energy accommodation coefficients of positive ions in a low-density plasma flow on the surfaces of certain materials 1-46864
- Gubina, L.I. *see* Agafonov, M.S. 1-31329
- Gubina, N.K. *see* Umpervovich, N.V. 1-40078
- Gubirich, V.A. *see* Azharonov, V.V. 1-2166
- Gubkin, A.N. *see* Gorokhovskii, Yu.A. 1-21120
- Gubler, E. Recent crustal movements in Switzerland and their geophysical interpretation 1-54039
- Gubler, H.P., Kiebele, U., Meyer, H.O., Plattner, G.R., Sick, I. The phenomenological optical potential for α -scattering from nuclei in the Ca region 1-28489
- Gubler, U. *see* Guntherodt, H.J. 1-25619
- Gubler, U. *see* Oelhafen, P. 1-48238
- Gubonia, N.S., Karetko, A.I., Krinitin, L.V. Influence of in-flight maintenance of measuring devices on the quality indices of the spacecraft rendezvous process 1-54344
- Gubrynowicz, R., Mikiel, W., Zarnecki, P. An acoustic method for the evaluation of the state of the larynx source in cases involving pathological changes in the vocal folds 1-17463
- Gubser, D.U. *see* Howe, D.G. 1-53129
- Gubskaya, G.F. *see* Menshchikova, T.K. 1-43289
- Gubskii, A.L. *see* Gagarin, S.G. 1-42690
- Gucic, J. The weak dynamic interaction of a multi-charged monoenergetic ion beam with a cylindrical electrostatic field, and its possible application to the design of a monoenergetic charge particle analyser 1-15068
- Guckel, F. *see* Von Schutz, J.U. 1-31063
- Guckelsberger, K. Low temperature thermal conductivity of OH⁻ and OD⁻-doped LiF single crystals 1-20484
- Guckelsberger, K., de Goer, A.M. Low-temperature thermal conductivity of Li₂N 1-2712
- Guckelsberger, K. *see* Friedrich, H. 1-47023
- Guckelsberger, K. *see* Gmelin, E. 1-34484
- Guckelsberger, K. *see* Thomas, N. 1-30880
- Gucwa, L.T. *see* Sya, C.L. 1-28734
- Gudakovskii, Yu.P. *see* Muratov, V.R. 1-53821
- Gudas, J.P., Joyce, J.A., Vanderveldt, H.H. J-integral elastic-plastic fracture mechanics technology in the US Navy 1-48642
- Gudat, W., Kisker, E., Kuhlmann, E., Campagna, M. Strong itinerant ferromagnetism in Ni: spin polarization of photoelectrons from the (110) surface 1-12632
- Gudat, W. *see* Campagna, M. 1-48232
- Gudat, W. *see* Kisker, E. 1-31314
- Gude, D.N. *see* McInnis, B.C. 1-32317
- Gudel, H.U., Hauser, U. Magnetochemical properties of tetranuclear rhodose and Pfeiffer chromium(III) complexes in a series of compounds 1-38917
- Gudelev, V.G., Yasinskii, V.M. Simple system for frequency stabilization of a gas laser 1-46408
- Gudenau, H.W., Burchard, W.-G., Rupp, H. Direct observation of reduction reactions of iron oxides with the aid of an accessory device for the scanning electron microscope with high-temperature and gas treatment possibility 1-31828
- Gudenau, H.W., Burchard, W.-G., Rupp, H. Direct observation with the aid of a scanning electron microscope of metallurgical reactions up to melting temperatures 1-43370
- Gudiksen, P.H. *see* Ermak, D.L. 1-39853
- Gudim, L.I., Mel'nychuk, O.N., Teterskii, V.A. The effect of heating and loading on the parameters of the IR absorption bands of polyurethanes 1-31157
- Gudim, L.I., Mel'nychuk, O.N., Teterskii, V.A. Influence of liquid media on the change in physicochemical properties of three-dimensional polyurethanes 1-53247
- Gudima, K.K. *see* Aksinenko, V.D. 1-18662
- Gudimetla, V.S. Rao *see* Rao Gudimetla, V.S.
- Gudkin, T.S. *see* Boikov, Yu.A. 1-20888
- Gudkov, A.A. *see* Kravchenko, V.F. 1-24432
- Gudkov, L.A. *see* Lidorenko, N.S. 1-20887
- Gudkov, V.V. *see* Vovk, A.E. 1-19484
- Gudkova, K.V., Kudryavtseva, A.G., Shcherbakova, I.L. Properties of aluminum oxide layers, obtained by electron-beam evaporation in vacuum 1-37568
- Gudladt, H.J. *see* Flor, H. 1-26530
- Gudmundsson, H., Rao, K.V., Egami, T., Anderson, A.C., Astrom, H.U. Electrical resistivity through the spin glass regime of amorphous Fe₈Ni₉₂-P₁₄B₆ 1-12098
- Gudorf, M.R. *see* Alcorn, F.M. 1-45664
- Gudramovich, V.S. *see* Gerasimov, V.P. 1-1897
- Gudym, V.K. Differential techniques and a full-scale spectrophotometer 1-40833
- Gudz, E.S., Velichko, A.A., Lukashin, G.A., Maronchuk, I.E., Maronchuk, Yu.E., Khodyko, L.A. Preparation and properties of high-purity epitaxial layers of gallium arsenide 1-43274
- Gudzenko, A.I., Deryugin, L.N., Terichev, V.F. Residual changes caused in chalcogenide glass films by standing ultrasonic Rayleigh waves 1-2793
- Gudzenko, A.I. *see* Deryugin, L.N. 1-35012
- Gudzev, V.A. *see* Borovkov, V.M. 1-44949
- Guedalia, D., Nisila, A., Druihet, A., Fontan, J. Monitoring of the atmospheric stability above an urban and suburban site using sodar and radon measurements 1-44326
- Guedon, J.Y., Rieu, J. Twinning in iron-aluminium alloys 1-15907
- Gueffroy, B. *see* Fabian, H.-G. 1-26472
- Guegan, F., Groix, F., Mencarelli, E. Influence of heat treatment or ageing on the structure, mechanical properties and corrosion behaviour in aqueous medium for martensitic stainless steels with 17% chromium and 4% nickel 1-48393
- Gueguen, Y., Nicolas, A. Deformation of mantle rocks 1-13442
- Guel-Sandoval, S., Santamaria, J., Altamirano, J.H. Holographic pseudocolouring of gray level information 1-41625
- Guelachvili, G. *see* Chakerian, C., Jr. 1-51202
- Guelin, M. *see* Elder, J. 1-49774
- Guelin, M. *see* Friberg, P. 1-22870
- Guelin, P. Remarks on mechanical hysteresis. Bases of a thermomechanical scheme of hereditary structure 1-15399
- Guemas, L. *see* Roucou, C. 1-38360
- Guen, J.M.M. *see* Le Guen, J.M.M.
- Guen, L., Glaunsinger, W.S. Electrical, magnetic, and EPR studies of the quaternary chalcogenides Cu₂A^{IV}B^{IV}X₄ prepared by iodine transport 1-34868
- Guenard, H. *see* Crouzel, C. 1-43999
- Guenet, J.M. Some comments on chain dimensions in the semi-crystallized state 1-47018
- Guenet, J.M., Picot, C., Benoit, H. Chain conformation of semicrystalline isotactic polystyrene by small-angle neutron scattering 1-38298
- Guenin, B.M., Dahm, A.J. Motion of charged low-angle grain boundaries in solid helium 1-42606
- Guenin, B.M., Hess, G.B. Liquid helium-II counterflow in a tube packed with angular particles and application as a superfluid pump 1-2736
- Guenin, G. *see* Mai, C. 1-21446
- Guenin, G. *see* Morin, M. 1-38448
- Guentay, S. *see* Aksan, S.N. 1-50819
- Guenther, A.H. *see* Bettis, J.R. 1-23879
- Guenther, A.H. *see* Vaidyanathan, A. 1-35003, 1-37543, 1-39192
- Guenther, A.H. *see* Walker, T.W. 1-37530, 1-39194
- Guenther, B. *see* Frederick, J.E. 1-17652
- Guenther, D.A. *see* Chiou, W. 1-53549
- Guenther, D.B. *see* Enns, R.H. 1-6605
- Guenther, K.H. Color variations of AR coatings caused by a leached layer on the substrate 1-37589
- Guenther, P. *see* Smith, A. 1-23693
- Guenther, P.T. *see* Smith, A.B. 1-41108
- Guenzburger, D., Ellis, D.E. Electronic structure and Mossbauer hyperfine interactions of Au (1) compounds 1-19124
- Guenzer, C.S. *see* Mueller, G.P. 1-34383
- Guerard, A., Chaabouni, M., Lagrange, P., El Makrini, M., Herold, A. Insertion of alkaline earth metals in graphite 1-35205
- Guerard, D., Lagrange, P., El Makrini, M., Herold, A. On the formula and structure of the first stage graphite-metal compounds 1-47135
- Guerard, D. *see* Alexander, M.G. 1-38554
- Guerard, D. *see* Conard, J. 1-42363
- Guerard, D. *see* Delhaes, P. 1-42550
- Guerard, D. *see* El Makrini, M. 1-20136, 1-20137
- Guerard, D. *see* Lagrange, P. 1-39622
- Guerin, B., Lesueur, C. Acoustical sources in a circuit with flow on meeting discontinuities 1-46611
- Guerin, F., Kenway, R.D. A strong-coupling expansion for fermion field theories and the large-N limit of the Gross-Neveu model 1-23410
- Guerina, N.G. *see* Craven, B.M. 1-16548
- Guerlement, G. *see* Lamblin, D. 1-37793
- Guerlet, B. *see* Guillot, M. 1-35920
- Guermaz, M., Thevenard, P., Dupin, J.P., Dupuy, C.H.S. Effects of implantation in rutile with metallic ions 1-7217
- Guern, Y. *see* Bideau-Mehu, A. 1-334
- Guernigou, J., Indrigo, C., Maisonneuve, Y., Mentre, P.-G. Development of surface temperature fluxmeters 1-5312
- Guernsey, R.L. *see* Mondt, J.P. 1-34048
- Guerout, M., Simonet, W., Mage, J.C. Measurement of magnetic losses in resonant metallised ferrites 1-7888
- Guerquin-Kern, J.L. *see* Gauthier, M. 1-8973
- Guerra, A. *see* Del Guerra, A.
- Guerra, E. Moya *see* Moya de Guerra, E.
- Guerra, F. Gauge fields on a lattice: selected topics. II 1-28207
- Guerra, F., Loffredo, M.I. Thermal mixtures in stochastic mechanics 1-36518
- Guerra, I. *see* Ansorge, J. 1-4464
- Guerra, M. *see* Diste'fano, G. 1-19132
- Guerra, V. *see* Aronson, M. 1-37226
- Guerreau, D., Babinet, R. Spin determination of highly excited nuclei from light particle emission studies 1-45419
- Guerreau, D. *see* Alexander, J. 1-50645
- Guerreiro, S.D.C. *see* Schult, A. 1-13388
- Guerreiro, A.I., Butler, E.P., Pratt, P.L. The Suzuki phase in NaCl: Cd²⁺ and NaCl: Mg²⁺ 1-2639
- Guerreiro, E., Tobolka, G., Baghai, A. Calibration for the anodic oxidation of silicon 1-48550
- Guerreiro, G. *see* Antonello, E. 1-17867
- Guerrero, G. *see* Bossi, M. 1-17846
- Guerrero, J. *see* Juteau, T. 1-27151
- Guerrti, S. *see* Armigliato, A. 1-17211
- Guerrini, A., Lavagnini, A., Vivona, F. Relationship between global and net radiation 1-17159
- Guerrini, A., Lavagnini, A., Vivona, F. Global radiation in Italy 1-17165
- Guerrini, P. *see* Beltrame, F. 1-32332, 1-53950
- Guerry, J., Hot, J.P., Durou, C. Analysis by real-time holographic interferometry of heat transfer at the surface of cold solar collectors 1-17245
- Guerry, P., III *see* Ham, W.T., Jr. 1-35818
- Guertrin, R.P., Bulman, J.B., Huber, J.G., Parks, R.D. Superconducting thorium as a host for 3d, 4f and 5f impurities 1-47781
- Guertrin, R.P. *see* Guyot, M. 1-16450
- Guertrin, R.P. *see* Siemann, R. 1-25854
- Guertrin, R.P. *see* Crow, J.E. (editor) 1-17940
- Guesinallier, M.G. *see* Areshew, I.P. 1-26158
- Guess, T.R. Biaxial testing of composite cylinders: experimental-theoretical comparison 1-12943
- Guest, C.C., Gaylor, T.K. Parallel truth-table look-up digital holographic processing 1-51418
- Guest, C.C. *see* Gallagher, H.J. 1-41620
- Guest, M.F., Hillier, I.H., MacDowell, A.A., Berry, M. Ab initio calculations of transition metal complexes. VI. Correlation effects in the ground and ionic states of Fe(CO)₂(NO)₂ 1-19136
- Guest, M.F. *see* Atha, P.M. 1-6172
- Guest, M.F. *see* Clark, D.T. 1-19035
- Guest, M.F. *see* Garner, C.D. 1-10784
- Guest, M.F. *see* Hirst, D.M. 1-37129
- Guest, M.F. *see* Overill, R.E. 1-10654
- Guest, M.F. *see* Wood, C. 1-41303
- Guet, C., Brack, M. Validity of the semiclassical kinetic energy density functional for deformed nuclear shapes 1-10310
- Guet, C., Hakansson, H.-B., Brack, M. Semiclassical calculation of fission barriers with Skyrme forces 1-18693

- Gueta, P. *see* Bouville, A. 1-50914
- Guetter, P.J. *see* Guichard, J.E. 1-54236
- Gueulette, J. *see* Guichard, M. 1-49070
- Guevremont, R. Organic matrix modifiers for direct graphite furnace atomic absorption determination of cadmium in seawater 1-21796
- Guex, L., Janach, W. Elastic waves in a short cylinder, impacted by a thin bar 1-24725
- Guey-kuen, Y. *see* Mitchell, B.J. 1-4446
- Gufan, Yu.M., Chechin, G.M. Geometrical constraints on the choice of a protophase in the case of a six-component order parameter 1-30123
- Gufan, Yu.M., Larin, E.S. Singular points in the phase diagrams of ferroelectrics 1-7287
- Gufan, Yu.M., Torgashev, V.I. Phenomenological theory of changes in multicomponent order parameters 1-25406
- Gugan, D., Michel, G.W. Dielectric constant gas thermometry from 4.2 to 27.1 K 1-40787
- Gugan, D. *see* Barrett, P. 1-47622
- Guggenheim, H. *see* Yelon, W.B. 1-20331
- Guggenheim, H.J. *see* Cowley, R.A. 1-21003
- Guggenheim, H.J. *see* Wertheim, G.K. 1-21327
- Guglielmacci, J.M., Charfi, F., Joulie, A. Analysis of the oxide-semiconductor interface of AlSb by Auger electron spectroscopy and Raman scattering 1-42642
- Guglya, V.G., Bel'kov, V.M. Method of studying surface diffusion and flow with the use of a piezoelectric microbalance 1-18196
- Guha, S., Apte, N. Parametric conversion of an electron plasma wave into an electromagnetic wave in a piezoelectric semiconductor 1-16307
- Guha, S., Apte, N. Stimulated Raman scattering from plasma modes in magnetoactive semiconductors 1-48082
- Guha, S., Ghosh, A.S. Positron-lithium-atom collisions using the two-state approximation 1-46135
- Guha, S., Namjoshi, P. Modulational instability of an electromagnetic wave in magnetized plasmas 1-2996
- Guha, S., Namjoshi, P. Excitation of acoustic waves by an Alfvén wave in a solid state plasma 1-16308
- Guha, S., Narasimhan, K.L., Navkhandewala, R.V., Pietruszko, S.M. Field effect measurement on the film-substrate and film-vacuum interfaces of a-Si:H 1-7622
- Guha, S., Yee-Chang, See, Falk, J. Beam shapes in a three-frequency upconverter 1-19383
- Guha, S. *see* Mandal, P. 1-24292
- Guha, S. *see* Pietruszko, S.M. 1-47767
- Guha, S. *see* Sen, P.K. 1-35040
- Guha, S. *see* Srivastava, A.K. 1-34796
- Guha, S.K. *see* Ray, G.C. 1-44046
- Guha, S.K. *see* Wani, A.M. 1-13227
- Gul, A.A., Levine, S.H. A UO_2 fuel element design for use in the Penn State Breazeale Reactor (PSBR) 1-41168
- Gul Xin Wang, Zhi Cai Huang, Shao Shan Yu Sealed-off continuous wave carbon monoxide laser at high temperature operation 1-29261
- Gui-hua Wang *see* Wang Gui-hua
- Gui-Lin Liu *see* Liu Gui-Lin
- Gui-Lin Xu *see* Xu Gui-Lin
- Gui-quan Ji *see* Ji Gui-quan
- Gui-Ying Chen *see* Chen Gui-Ying
- Gui-yun Luo *see* Luo Gui-yun
- Guibe, L. *see* Montabonel, M.-C. 1-1085
- Guibert, J. *see* Combes, F. 1-13830
- Guichard, G.M., Houzay, F., Pinchaux, R., Petroff, Y. Angle resolved photoemission from surface states of Si(111) reconstructed surfaces 1-52620
- Guichard, G.M. *see* Houzay, F. 1-8196
- Guichard, F. *see* Raisbeck, G.M. 1-32468
- Guichard, M., Gueulette, J., Meulders, J.P., Wambersie, A., Malaise, E.P. Biological intercomparison of d(50)-Be and p(75)-Be neutrons 1-49070
- Guichon, P. *see* Delorme, J. 1-45432
- Guido, W. *see* Harter, M.R. 1-26904
- Guidotti, C., Arrighini, G.P., Marinelli, F. Evaluation of Fourier transform of two-center charge distribution for arbitrary Slater-type orbitals 1-1066
- Guidotti, C. *see* Arrighini, G.P. 1-15021, 1-37333
- Guidotti, R. *see* Saporetti, F. 1-10363
- Guidotti, R.E., Nielsen, L.H., Peddicord, K.L., Oehlberg, R.N. Transient fuel pin temperature calculations based on describing functions 1-10422
- Guidry, M.W. *see* Johnson, N.R. 1-18599
- Guiffant, G. *see* Antonini, G. 1-37998, 1-43808
- Guigas, R. *see* Beckenstoss, G. 1-5685
- Guigas, R. *see* Izzyk, M. 1-1419, 1-1420
- Guigas, R. *see* Schwaner, I. 1-15041
- Guignard, J.P. Earthnet's experience with Seasat SAR image processing 1-32531
- Guignot, D. *see* Bonnier, J.Y. 1-11126
- Guil, F. *see* Olmedilla, E. 1-40668
- Guilbault, G.G. Uses of the piezoelectric crystal detector in analytical chemistry 1-53504
- Guilbeau, E.J., Mayall, E.J. Microthermocouple for soft tissue temperature determination 1-53937
- Guilford, F.J., Adams, R.D. A new technique for the measurement of the specific damping capacity of beams in flexure 1-37860
- Guilford, F.J., Phillips, M.G., Harris, B. Acoustic emission studies of damage in GRP 1-4028
- Guile, A.E. *see* Heylen, A.E.D. 1-15721
- Guilfoyle, P.S. Time-integrating optical processors in one-dimension 1-15089
- Guillaume, A. *see* Cazals, Y. 1-53795
- Guiliani, S. *see* Doneca, J. 1-29512
- Guiliano, M. *see* Millo, G. 1-19103
- Guillame, B., Duvernoy, J. Incoherent optical processing: sampling the incoherent spectrum 1-46244
- Guillaneux, P. Absorption mechanisms in laser plasma interactions 1-11579
- Guillaud, G., Rosenberg, N. Automatic measuring device for impedances in the low and very low frequencies range 1-18252
- Guillaume, C., Heinze, W. The ACC 2421: a versatile CAMAC crate controller and computer 1-24005
- Guillaume, C. *see* Couterne, A. 1-16801
- Guillaume, C. Benoit a la *see* Benoit a la Guillaume, C.
- Guillaume, C. Benoit a la *see* Benoit a la Guillaume, C.
- Guillaume, J.-L. *see* Valton, M. 1-38216, 1-42271
- Guillausseau, Y. *see* Spano, P. 1-19373
- Guille, J. *see* Plas, F. 1-2846
- Guillemaud, D. *see* Poughon, F. 1-50505
- Guilleme, J. *see* Diez, E. 1-28951
- Guillemot, J.P. *see* Harris, L.R. 1-48989
- Guillen, J.S. *see* Cortes, J.L. 1-10157
- Guillet, M., Nguyen, T.P., Minn, S.S. Electrical properties of thin films of cermet V-SiO 1-52664
- Guillo, M., Mercey, B., Labbe, P., Deschanvres, A. The structure of copper(I) mercury(II) chloride selenide 1-15845
- Guillon, D. *see* Seurin, P. 1-20058
- Guillon, F., Harrison, J.P. Phonon-quasiparticle coupling in dilute He³-He⁴ mixtures 1-16135
- Guillory, W.A. *see* Bialkowski, S.E. 1-51252
- Guillot, B. Control problems in solar water-heaters 1-8689
- Guillot, B., Bratos, S., Birnbaum, G. Theoretical study of spectra of depolarized light scattered from dense rare-gas fluids 1-16575
- Guillot, G. *see* Bremond, G. 1-34649
- Guillot, G. *see* Nouailhat, A. 1-30671
- Guillot, M., Fady, M., Le Gall, H., Makram, H. Magnetic properties of the mini-laser material: The chlorapatite of neodymium 1-30928
- Guillot, M., Ravey, J.C., Guerlet, B., Mazeron, P., Lucius, M., Stoltz, J.F. Study of the deformability of erythrocytes by optical diffusion 1-35920
- Guillot, M., Tcheou, F., Marchand, A., Feldmann, P. Appearance of non-colinear magnetic structure in iron garnets Ho₂Fe₂O₇ and Er₂Fe₂O₇ associated with the compensation temperature 1-52747
- Guillot, M. *see* Feldmann, P. 1-26176
- Guillot, M. *see* Picard, J. 1-25990
- Guillot, P., Duband, D. A method of transforming rainfall into runoff for catchment areas of about 1000 km² 1-49417
- Guillot, P. *see* Gard, R. 1-49302
- Guilou, M. *see* Gouet, M. 1-38773
- Guillou, R., Guttman, M., Dumoulin, Ph. Role of molybdenum in phosphorus-induced temper embrittlement of 12% Cr martensitic stainless steel 1-43500
- Guimaraes, J.R.C. Use of lineal analysis to determine the number of martensitic plates in a material 1-43349
- Guin Chan Hai *see* Chan Hai Guin
- Guinea, F., Tejedor, C. Many-body effects in semiconductors 1-12052
- Guinet, P., Perroud, P., Rebierre, J. Technological aspects and characteristics of industrial hydride reservoirs 1-17320
- Guinot, B. Irregularities of the polar motion 1-44090
- Guinot, B. Basic problems in the kinematics of the rotation of the Earth 1-49191
- Guinot, B., Azoubib, J. Problems of the generation, quality, and availability of the International Atomic Time Scale 1-36605
- Guiraldeng, P., Poyet, P. Comparative study of intercrystalline diffusion and subsequent desorption of chromium towards the surface in Ni₇₂Cr₁₆Fe₆ alloys (type Inconel 600) in the presence of water vapour, using ⁵¹Cr tracers 1-47283
- Guiraldeng, P. *see* Juve-Duc, D. 1-30244
- Guiraud, F.O. *see* Hogg, D.C. 1-44268
- Guiraud, F.O. *see* Snider, J.B. 1-22527
- Guiraud, F.O. *see* Westwater, E.R. 1-35488
- Guiraud, J.P., Zeytounian, R.K. Asymptotic derivation of the geostrophic model for atmospheric hydrostatic flows 1-49328
- Guiraud, J.P., Zeytounian, R.K. Rotational compressible inviscid flow with rolled vortex sheets. An analytical algorithm for the computation of the core 1-29704
- Guitel, J.C. *see* Zilber, R. 1-15588
- Guittard, M. *see* Alapini, F. 1-16760
- Guittard, M. *see* Benazeth, S. 1-25293
- Guittard, M. *see* Likforman, A. 1-20147
- Guittard, M. *see* Tomas, A. 1-25241, 1-30184
- Guittard, P. *see* Jarry, P. 1-8245
- Guiton, D., Mandl, G. A comparison between saccades and quick phases of vestibular nystagmus in the cat 1-8856
- Guiton, D., Mandl, G. Oblique saccades of the cat: a comparison between the durations of horizontal and vertical components 1-8857
- Guiu, F., Shadrack, L.G. Elastic force dipole model and elastic energy of cross-links in polyethylene crystals 1-20080
- Guiu, F. *see* Anglada, M. 1-31570
- Guiu, F. *see* Anglada, M.B. 1-43453
- Guiva, R.T. *see* Tananko, I.A. 1-3694
- Guivarc'h, A. *see* Bourquet, P. 1-42405
- Guizzetti, G., Meloni, F., Balderschi, A. Energy bands and optical properties of the random defect semiconductors Ga₂S₃, Ga₂Se₃, Ga₂Te₃ and In₂Te₃ 1-47455
- Gujar, A.R. *see* Vora, K.H. 1-54068
- Gujas, J. *see* Dombady, Z. 1-45424
- Gujrati, P.D. A new RG approach to site percolation in two dimensions 1-18164
- Gujrati, P.D. On the absence of the completely ordered phase in the Flory model of semi-flexible linear polymers 1-18165
- Gul, I.S., Gladkikh, P.I. Experimental study of the π component of synchrotron radiation 1-41549
- Guk, Yu.P. *see* Gerasimova, L.P. 1-39443
- Gukov, O.Ya. *see* Ugai, Ya.A. 1-17042
- Gul, K. A study of neutron detection efficiency of an organic scintillation detector through simulation of detection processes 1-18968
- Gul', Yu.P. *see* Gorelik, S.S. 1-16782
- Gulasci, Zs. *see* Anghelescu, A. 1-12396
- Gulascik, C. *see* Stokes, L.F. 1-35853
- Gulakov, I.R., Kurechik, K.P., Sarzhenskii, A.M. Functional analog-to-digital converter for a double-beam atomic absorption spectrophotometer 1-351
- Gulakov, I.R. *see* Kurechik, K.P. 1-50190
- Gulakov, I.R. *see* Vetokhin, S.S. 1-44978
- Gulamiryan, A.L., Mameev, A.V., Pilipetsky, N.F., Ragul'sky, V.V., Shkunov, V.V. Selective properties of the nonlinear four-wave filter 1-41762
- Gulamov, K.G. *see* Azimov, S.A. 1-50473
- Gulamov, Sh.A. *see* Azimov, S.A. 1-20735
- Gulari, E., Chu, B., Woermann, D. Critical exponents of a fluid mixture in the presence of isotope exchange: isobutyric acid/D₂O 1-2609
- Gulari, E. *see* Patkowski, A. 1-24296
- Gulati, S.T. Dynamic fatigue and strength degradation in optical fibres 1-33836
- Gulati, S.T. *see* Holland, H.J. 1-43432
- Gulbis, A. The general formula for the photovoltaic current (in ferroelectrics) 1-16314
- Gulbis, A.V. *see* Kristoffel, N.E. 1-20796
- Guldbakke, S., Jahr, R., Lesiecki, H., Scholer-mann, H. Neutron response of Geiger-Müller photon dosimeters for neutron energies between 100 keV and 19 MeV 1-41253
- Guldner, Y., Vieren, J.P., Voisin, P., Voos, M., Chang, L.L., Esaki, L. Cyclotron resonance and far-infrared magneto-absorption experiments on semimetallic InAs-GaSb superlattices 1-31131
- Guldner, Y. *see* Voisin, P. 1-52920
- Gul'elmi, A.V., Troitskaya, V.A. Magnetohydrodynamic waves in the close-to-Earth cosmic space 1-13643
- Gulev, V.S., Pavlyuk, A.A., Pivtsov, V.S., Folin, K.G. Free-lasing dynamics in a $\text{KGd(WO}_4)_2\text{:Nd}^{3+}$ laser 1-46357
- Gulev, V.S. *see* Gainer, A.V. 1-51488
- Gulevich, V.M. *see* Bakaev, V.G. 1-1611
- Gulgazli, A.S. *see* Ali-zade, A.N. 1-37799
- Gulian, A.M., Zharkov, G.F. The 'phonon deficit' effect in superconductors induced by UHF radiation 1-20919
- Guliev, L.A. *see* Godzhaev, E.M. 1-52482
- Gulik, P.S. *see* van der Gulik, P.S.
- Gulinsky, O.V. *see* Dorman, L.I. 1-36136
- Gulkanyan, G.R. *see* Abrahamov, E.O. 1-722
- Gulkanyan, G.R., Korchagin, S.A. Experimental determination of the moments of the distribution of the number of generated nucleons of relativistic nuclei 1-41050
- Gull, G.E., Russell, R.W., Melnick, G., Harwit, M. Far-infrared polarization of the Kleinmann-Low Nebula 1-9621
- Gull, G.E. *see* Melnick, G. 1-49744
- Gull, G.E. *see* Russell, R.W. 1-4956
- Gull, T. *see* Kafatos, M. 1-44609
- Gull, T.R. *see* Balick, B. 1-44605
- Gull, T.R. *see* Blair, W.P. 1-40539
- Gull, T.R. *see* Chi-Chao Wu 1-49793
- Gulberg, G.T., Budinger, T.F. The use of filtering methods to compensate for constant attenuation in single-photon emission computed tomography 1-53871
- Gullickson, E.M. *see* Schultz, S. 1-7939
- Gulino, P.M. *see* Goldstein, S.R. 1-22177
- Gulliver, A.F., Bolton, C.T., Poecckert, R. Observations of the Andromedae. II. Spectrum variations 1-44573
- Gulrajani, R.M. *see* Mailloux, G.E. 1-32279

- Gulshani, P. Lie algebra projectors and the kinematics of collective motions 1-28403
- Gulshani, P., Volkov, A.B. Heisenberg-symplectic angular momentum coherent states in two dimensions 1-5145
- Gulshani, P., Volkov, A.B. The cranked oscillator coherent states 1-5711
- Gulugliu, E. EPR study on Mn^{2+} - Cu^{2+} and Ni^{2+} - Cu^{2+} mixed pairs 1-21038
- Gulyaev, A.P. see Anashenko, V.N. 1-43355
- Gulyaev, B.A. see Korvatovskii, B.N. 1-17358
- Gulyaev, Tu.V. see Dementienko, V.V. 1-1615
- Gulyaev, Yu.V., Gusparian, R.A. Acoustoelectronic phenomena in the systems with quantum size effects 1-12151
- Gulyaev, Yu.V., Kotelyanskii, I.M., Krikunov, A.I., Medved, A.V., Mishkinis, R.A. Integrated acoustoelectric SAW source 1-29501
- Gulyaev, Yu.V., Kurach, T.N., Plesskii, V.P. Theory of the excitation and reception of Love waves by means of a corrugation-grating transducer 1-37757
- Gulyaev, Yu.V., Potapov, V.T., Sosnin, V.P., Tregub, D.P., Elenkrig, B.B. Methods of measuring the dispersion in multimode optical fibers 1-51628
- Gulyaev, Yu.V. see Mansfeld, G.D. 1-20826, 1-33849
- Gulyaev, Yu.V. see Polzikova, N.I. 1-20539
- Gulyaeva, T.L. Use of a key point in the F layer for N(h) analysis of ionograms 1-54322
- Gulyan, A.M., Zharkov, G.F. Kinetics of phonons in nonequilibrium superconductors located in an external electromagnetic field 1-42906
- Gulyanitskaya, Z.F., Pavlyuchenko, N.M., Blokhina, L.I., Zviadadze, G.N. The system Ni-NiS-PtS-Pt 1-31434
- Gulyas, J. see Arvay, Z. 1-28414
- Gulyayev, Yu.V. see Mansfeld, G.D. 1-34561
- Gul'ye'mi, A.V., Repin, V.N. MHD solitons in the magnetotail 1-4710
- Gul'ye'mi, A.V. see Bondarenko, N.M. 1-27343
- Gulyi, E.G. see Gribnikov, Z.S. 1-42779
- Gumanski, G.A., Khodasevich, V.V. Variation of the parameter of the nickel crystalline lattice irradiated by argon ions 1-52190
- Gumbatov, O.A. see Iskenderov, A.D. 1-38070
- Gumbinger, H.G., Kaiser, P.M. SCF CI MO calculations on the base-base interactions in dinucleoside monophosphates 1-1120
- Gumen, L.N. see Grishin, A.M. 1-2441
- Gumenyuk, B.P. see Senchenkov, I.K. 1-37828
- Gumenskii, S.G., Borodai, N.V., Kunetskii, M.G. Brightness matrices of light-scattering layers formed by dyed fabrics 1-51372
- Gumenskii, S.G., Sakhnovskii, M.Yu., Kotik, A.F., Kunetskii, M.G. Spectrophotometric characteristics of paints based on $BaSO_4$ with polyvinyl alcohol 1-1658
- Guminski, K. On the Natanson principle of irreversible processes 1-32941
- Gumlich, H.-E. see Busse, W. 1-47033
- Gumovsky, V.A. see Adkhomov, A.A. 1-20197
- Gumula, A. see Grabowski, R. 1-8058
- Gunasekaran, M.K., Gopal, E.S.R., Jyothi, S., Shetty, C. Measurement of dielectric constant of conducting liquids 1-40817
- Gunaydin, M. Quadratic Jordan formulation of quantum mechanics and construction of Lie(super) algebras from Jordan(super) algebras 1-5129
- Gunaydin, M. see Bars, I. 1-5491, 1-5611
- Gunchenko, A.I. see Kirichok, P.P. 1-7190
- Gundarina, Z.I., Verenkova, E.M. A physicochemical investigation of phosphate films obtained from solutions containing Zn^{2+} , Fe^{2+} , Fe^{3+} and Co^{2+} ions 1-53316
- Gundarina, Z.I. see Verenkova, E.M. 1-48536
- Gundermann, J. see Altdorfer, F. 1-35620
- Gundermann, K.D., Lohberger, C., Zander, M. Correlations between carbonyl vibrational properties of polycyclic aromatic aldehydes and electronic properties of the corresponding hydrocarbons 1-51132
- Gundermann, S. see Bartels, W. 1-7002
- Gundersen, M.A. see Dhali, S.K. 1-38178
- Gundersen, M.A. see Dougal, R.A. 1-51512
- Gundersen, M.A. see Williams, P.F. 1-38177
- Gundersen, M.A. see Yocom, T.A. 1-19389
- Gundersen, B., Learned, J., Mapp, J., Reeder, D.D. Measurement of the antineutron-proton cross section at low energy 1-45339
- Gundersen, L.C. Future developments for fibre optics 1-37620
- Gundersen, R.W., Watson, J.D. Sampling and interpretation of atmospheric science experimental data 1-49434
- Gundlach, K.H. see Okuyama, K. 1-42908
- Gundlach, W. see Boer, R. 1-41160
- Gundry, H.A. see Ambrose, D. 1-11843
- Gundu Rao, T.K. see Reddy, M.V.S. 1-38985
- Gunduz, G., Yeter, B., Tuglu, P., Ahmed, I. Styrene-acrylonitrile co-polymer impregnated mortar 1-39373
- Gunion, J.F. see Frazer, W.R. 1-18435
- Gunji, K. see Aritomi, N. 1-39330
- Gunji, K. see Nakamura, H. 1-16086
- Gunji, T., Wakita, M., Kobayashi, S. Conductive staining in SEM with especially reference to tissue transparency 1-23382
- Gunkel, C., David, B., Heiden, C. Homogeneity investigations of superconducting transition of Nb_3Ge films 1-52681
- Gun'ko, L.P., Efimova, T.V., Kokorin, V.V., Polotnyuk, V.V. The structure and magnetic properties of ageing iron-nickel base alloys in α - γ transformations 1-48342
- Gun'ko, L.P. see Kokorin, V.V. 1-16773
- Gun'ko, N.A., Gur'yan, Yu.A., Tropp, E.A. Calculation of physical characteristics of Cherenkov scintillation γ telescope by the method of statistical testing 1-4638
- Gun'ko, N.A., Tropp, E.A. Asymptotic transformation of the elastic-collision term in the kinetic equation for fast electrons 1-34386
- Gunko, O. see Selivanov, Yu.P. 1-15092
- Gunko, S.N. see Selivanov, Yu.P. 1-15092
- Gun'ko, V.M. Effect of quantum reflection coefficient and surface spottiness on the emission of a geometrically textured electrode in a plasma 1-25001
- Gunn, D.J. Effect of surface roughness on the nucleation and growth of calcium sulphate on metal surfaces 1-2366
- Gunn, J.E., Hoessel, J.G., Westphal, J.A., Perryman, M.A.C., Longair, M.S. Investigations of the optical fields of 3CR radio sources to faint limiting magnitudes. IV 1-36426
- Gunn, J.E. see Hoessel, J.G. 1-22878
- Gunn, J.E. see Peacock, J.A. 1-44656
- Gunn, J.E. see Young, P. 1-22924
- Gunnarsson, O., Jones, R.O. Self-interaction corrections in the density functional formalism 1-51145
- Gunnarsson, O., Schonhammer, K. Dynamical theory of Auger processes 1-21299
- Gunnarsson, O. see Schonhammer, K. 1-7463
- Gunnerson, F.S. On the prediction of quench and rewet temperatures 1-5938
- Gunnerson, F.S., Cronenberg, A.W. On the minimum film boiling conditions for spherical geometries 1-24657
- Gunning, H.E. see Gosavi, R.K. 1-21701
- Gunnink, R. Use of isotope correlation techniques to determine ^{14}C abundance 1-23763
- Gunnison, D., Brannan, J.M., Smith, I., Jr., Burton, G.A., Jr., Preston, K.M. A reaction chamber for study of interactions between sediments and water under conditions of static or continuous flow 1-36085
- Gunnison, F. see Lam, P.S.K. 1-5853
- Gunnison, F. see Tzanos, C.P. 1-45684
- Gunnison, F.E. see May, R.S. 1-28721
- Gunnlaugsson, E. see Sakai, H. 1-22365
- Gunshor, R.L. see Martin, S.J. 1-24635
- Gunsteren, W.F. van see van Gunsteren, W.F.
- Gunten, H.R. von see von Gunten, H.R.
- Gunter, A. see Kuhlmann, F. 1-18336
- Gunter, J.R. The crystal structure of topotactically dehydrated copper (II) formate tetrahydrate 1-34342
- Gunter, P., Krumins, A. High-sensitivity read-write volume holographic storage in reduced $KNbO_3$ crystals 1-1511
- Gunter, P. see Krumins, A.E. 1-6527
- Gunter, P. see Krumins, A. 1-51412
- Gunter, P. see Marrakchi, A. 1-46423
- Gunter, S. see Dunn, S.A. 1-37016
- Gunthard, H.H. see Ghosh, P.N. 1-28960
- Gunthard, H.H. see Schweiger, A. 1-10002
- Gunthard, H.H. see Walder, E. 1-6244
- Gunthard, Hs.H. see Hollenstein, H. 1-51309
- Gunthard, Hs.H. see Rudin, M. 1-38976
- Gunthard, Hs.H. see Schweiger, A. 1-44974
- Gunther, C. see Hunziker, W. 1-19251
- Gunther, C. see Kleinrahm, A. 1-10318
- Gunther, C. see Kroth, R. 1-18561, 1-45404
- Gunther, Cl. see Alsemeyer, H. 1-5875
- Gunther, L., Imry, Y., Lajzerowicz, J. X-ray scattering in smectic-A liquid crystals 1-2319
- Gunther, L. see Buttiker, M. 1-32929
- Gunther, W., Huber, K., Kneissl, U., Krieger, H., Ries, H., Stroher, H., Wilke, W., Maier, H.J. Systematics of photonuclear yields and cross sections for plutonium and uranium fission isomers 1-23636
- Gunther, W.H. see Farhadieh, R. 1-835
- Gunther, W.H. see Stein, R.P. 1-5871
- Guntherodt, G., Jayaraman, A., Kress, W., Bilz, H. Raman scattering and electron-phonon coupling in mixed-valent and superconducting compounds 1-48080
- Guntherodt, G. see Bauhofer, W. 1-35039
- Guntherodt, H.J., Oelhafen, P., Lapka, R., Kunzi, H.U., Indlekofer, G., Krieg, J., Laubscher, T., Rudin, H., Gubler, U., Rosel, F., Ackermann, K.P., Delley, B., Fischer, M., Greuter, F., Hauser, E., Liard, M., Muller, M., Kubler, J., Bennemann, K.H., Hague, C.F. Electronic structure of liquid and amorphous metals 1-25619
- Guntherodt, H.J. see Hafner, J. 1-30705
- Guntherodt, H.J. see Weiss, G. 1-15959, 1-30882
- Guntherodt, H.-J. see Cartier, E. 1-43205, 1-43208
- Guntherodt, H.-J. see Greuter, F. 1-48229
- Guntherodt, H.-J. see Kunzi, H.U. 1-34691
- Guntherodt, H.-J. see Muller, M. 1-50180
- Guntherodt, H.-J. see Oelhafen, P. 1-12636, 1-48238
- Guntherodt, H.-J. see Pfluger, P. 1-39053, 1-48291
- Guntherodt, H.-J. see Suck, J.-B. 1-30341, 1-34237
- Guntton, J.D. see Dee, G. 1-40740
- Guntton, J.D. see Katz, S.L. 1-34890
- Guntton, J.D. see Michel, M.S. 1-52301
- Guntton, J.D. see Sango, J.M. 1-18166
- Gunye, M.R. see Kumar, A. 1-28371
- Gunye, M.R. see Moholkar, S.V. 1-28372
- Gunye, M.R. see Saini, S. 1-23565
- Gunzburger, M.D. see Fix, G.J. 1-22996
- Gunzig, E. see Brout, R. 1-9748
- Guo, F. see Wittry, D.B. 1-28136
- Guo, J.C. see Barber, D.P. 1-534, 1-28309
- Guo, S.F. A simple model for the deposition of boron in silicon by using a BN diffusion source 1-34361
- Guo Ben-yu On the difference scheme of the barotropic primitive equation 1-22475
- Guo Ben-yu The effect of the treatment of boundary conditions on the error of numerical prediction 1-54210
- Guo Chang-lin Measurement of curvature of crystal sheets by X-ray diffraction topography 1-7047
- Guo Chang-lin Diffraction geometry of monochromatic X-ray quadruple focusing camera 1-20028
- Guo Chang-Lin, Huang Yue-hong A method of solving simultaneous equations for obtaining lattice constants of low-symmetry crystal systems 1-52092
- Guo Chang-Lin, Wu Yu-Qin X-ray powder diffraction study of mixed bismuth oxide ferroelectrics with layer type structure $PbBi_2Ti_4O_{15}$ and $SrBi_2Ti_4O_{15}$ 1-47051
- Guo Changlin Determination of X-ray powder diffraction data of $LiTaO_3$ 1-38359
- Guo Dong-sheng see Xu Zu-yun 1-46361
- Guo Ji-hua, Xu Chong-gui, Zhang Zhe-yu, Zhou Tie-ying 36-multiple of frequency by a phase-locked loop 1-336
- Guo Ji-Hua see Ding Shen-xun 1-338
- Guo Jun-Sheng see Jin Gen-Ming 1-18664
- Guo Jun-sheng see Sun Xi-jun 1-10349
- Guo Ke-xin, Liu Ping Criterion of primitive solutions in the automatic indexing of electron diffraction patterns 1-2293
- Guo Qiti Complete systems of closed nets for unary five-phase ($n+4$) multisystems and their applications to concrete configurations of phase diagrams 1-20353
- Guo Ying-xiang see Sun Xi-jun 1-10349
- Guo Yu-fu see Yang Pei-cai 1-54212
- Guo Zhong-Heng Unified theory of variational principles in non-linear elasticity 1-71
- Guo-cai Dai see Dai Guo-cai
- Guo-Chen Yang see Yang Guo-Chen
- Guo-dong Li see Li Guo-dong
- Guo-Qi He see He Guo-Qi
- Guo-qing GU see GU Guo-qing
- Guo-qing Zhao see Zhao Guo-qing
- Guo-Ru Gao see Gao Guo-Ru
- Guo-Xiao Ren see Ren Guo-Xiao
- Guo-Xing Liu see Liu Guo-Xing
- Guo-xiong Chen see Chen Guo-xiong
- Guo-xuan Song see Song Guo-xuan
- Guo-Yi Wang see Zeng-Qi Yu 1-29293
- Guo-ying Chao see Chao Guo-ying
- Guo-ying Sheng see Sheng Guo-ying
- Guo-zhen Wu see Wu Guo-zhen
- Guo-zhen Yang see Yang Guo-zhen
- Guo-Zong Wang see Wang Guo-Zong
- Guofan Chen see Chen Guofan
- Guohua Feng see Chuanli Zhang 1-16459
- Gupallo, Y.P., Polyani, A.D., Ryazantsev, Y.S., Sergeev, Y.A. Convective diffusion to a drop under arbitrary conditions of absorption. Diffusion boundary layer approximation 1-24778
- Guppy, J.G., Curtis, R.T. Application of SSC-L to investigate natural convection in damaged LMFBR cores 1-45696
- Guppy, J.G., Horak, W.C., Khatib-Rahbar, M., Van Tyghe, G.J. Analysis of natural-circulation events in B&W plants using SSC-W 1-50809
- Guppy, J.G. see Epel, L.G. 1-5959
- Gupta, A. On the possibility of using ultrasonic perturbation to obtain narrow Mossbauer lines 1-26094
- Gupta, A., Basu, A., Ghosh, P.K. The Proterozoic ultramafic and mafic lavas and tuffs of the Dalma greenstone belt, Singhbhum, eastern India 1-44135
- Gupta, A., Su Dong Hong, Moacanin, J. Changes in 'thermal lens' measure diffusivity 1-36654
- Gupta, A. see Coulbert, C.D. 1-36736
- Gupta, A. see Gupta, M.C. 1-11293
- Gupta, A.C., Sharma, J.K.N. Pirani and Penning control circuits for system automation 1-5335
- Gupta, A. Das see Das Gupta, A.
- Gupta, A.K., Chand, N. Glass transition in polyacrylonitrile: analysis of dielectric relaxation data 1-7305

- Gupta, A.K., Rao, K.V. Differential F centre absorption and F centre gradient in NaCl single crystals irradiated with X-rays under DC field 1-3439
- Gupta, A.K., Tiwari, S.N., Malhotra, S.L. Techniques for measuring hydrogen content in aluminium and its alloys 1-43722
- Gupta, A.K. see Goswami, K.N. 1-47225
- Gupta, A.K. see Pillai, P.K.C. 1-14199, 1-18322
- Gupta, A.K. see Roy, D.S. 1-35081
- Gupta, A.S., Goel, G.K., Mathur, B.S. Effect of the 16 February 1980 solar eclipse on VLF propagation 1-32573
- Gupta, A.S. see Basu, B. 1-13853
- Gupta, B. see Bhatnagar, K.B. 1-40345
- Gupta, B.D., Sharma, A. Absorption of light in photoresist: effect of waveguiding property 1-22010
- Gupta, B.K., Seigle, L.L. The effect on the kinetics of pack aluminization of varying the activator 1-31757
- Gupta, B.K. see Agnihotri, O.P. 1-17269
- Gupta, B.L., Narayan, B.S., Kukreja, L.M. A circuit for simultaneous striking of the coupled plasma tubes of a coaxial CW-CO₂ laser 1-19346
- Gupta, C.L., Sharma, M.N. Adiabatic Anderson-Gruneisen function of some ionic halides 1-16006
- Gupta, C.L. see Pande, M.K. 1-11833
- Gupta, C.L. see Reddy, T.A. 1-32041
- Gupta, D., Campbell, D.R. Grain-boundary diffusion of ^{199m}Sn in Pb foils by the nuclear absorption technique 1-20473
- Gupta, D., Ho, P.S. Diffusion processes in thin films 1-30486
- Gupta, D. see Lahiri, S.K. 1-17100
- Gupta, D.K. Effects of coating-substrate interdiffusion on the performance of plasma-sprayed M-Cr-Al-V coatings 1-30489
- Gupta, D.K., Rapp, R.A. The solubilities of NiO, Co₂O₃, and ternary oxides in fused Na₂SO₄ at 1200K 1-20386
- Gupta, D.K. see Vratil, S.C. 1-15988
- Gupta, G.P., Mathur, K.C. Triplet-triplet excitation in helium 1-1387
- Gupta, G.P. see Sharma, R.K. 1-1379
- Gupta, H.C., Dwivedi, S.R. MONALI-A Monte Carlo code for lattice calculations 1-734
- Gupta, H.C. see Vratil, S.C. 1-15988
- Gupta, H.K., Rama Krishna Rao, C.V., Rastogi, B.K., Bhatia, S.C. An investigation of earthquakes in Koyana region, Maharashtra, for the period October 1973 through December 1976 1-53998
- Gupta, H.K. see Singh, D.D. 1-22228
- Gupta, H.M. Space-time response of a cloud communication channel to an optical signal 1-10923
- Gupta, H.M. see Sen Gupta, H.M.
- Gupta, H.N., Ghosh, S.K. North Delhi tornado of 17 March 1978 1-22438
- Gupta, H.N., Upadhyaya, R.S. A comparative study of dynamical behaviour of ionic lattices 1-25386
- Gupta, H.N. see Singh, R.K. 1-34435
- Gupta, H.O. see Velu, E.M.T. 1-26427
- Gupta, I.N. A note on correlation of Modified Mercalli intensity with peaks of far-field ground motion 1-22239
- Gupta, I.N., Barker, B.W., Burnett, J.A., Der, Z.A. A study of regional phases from earthquakes and explosions in Western Russia 1-22234
- Gupta, J.C. Harmonic coefficients of solar and lunar diurnal variations obtained from long series of hourly geomagnetic data 1-17559
- Gupta, K.K. Development of a unified numerical procedure for free vibration analysis of structures 1-41969
- Gupta, K.K., Bahuguna, R.D., Singh, K. Unidirectional averaging of speckles produced in the far-field of a weak diffuser 1-46225
- Gupta, K.P. see Velu, E.M.T. 1-26427
- Gupta, L.C. see Nagarajan, R. 1-43218
- Gupta, L.C. see Padalia, B.D. 1-43241
- Gupta, L.C. see Rao, C.N.R. 1-29034
- Gupta, L.C. see Sampathkumar, E.V. 1-52872
- Gupta, L.C. see Vijayakumar, V. 1-38802
- Gupta, M., Burger, J.P. The role of the electronic structure in the superconductivity of aluminium hydrides 1-2863
- Gupta, M., Burger, J.P. The electronic structure and its relationship to superconductivity in NiH 1-25607
- Gupta, M., Burger, J.P. Electronic structure of rare-earth hydrides: LaH₂ and LaH₃ 1-38715
- Gupta, M., Sharma, A. Connection between Yang-Mills configurations in Minkowski and Euclidean spaces 1-23443
- Gupta, M. see Klingler, J.W. 1-13283
- Gupta, M.C., Hong, S.-D., Gupta, A., Moacanin, J. Thermal diffusivity measurements using a pulsed dual-beam thermal lens technique 1-11293
- Gupta, M.C. see Krishna Rao, K. 1-17263
- Gupta, M.C. see Samuel, A.A. 1-17287
- Gupta, M.C. see Venkatesh, A. 1-17281
- Gupta, M.K. see Bansil, R. 1-43706
- Gupta, M.K. Das see Das Gupta, M.K.
- Gupta, M.M., Prasa, K. Some results on noninvasive detection of myocardial damage [by ECG] 1-35912
- Gupta, M.P. see Bharati, S. 1-12433
- Gupta, N.K., Jagannathan, V., Mohanakrishnan, P. Super-cell model for predicting local power distribution in BWR type fuel assemblies and its experimental validation 1-28517
- Gupta, N.K., Kotru, P.N. New dislocation etchants for natrolite crystals 1-47086
- Gupta, O.P. see Kharoo, H.L. 1-47204
- Gupta, O.P. see Long, D.D. 1-37064
- Gupta, P.B. see Dutt, Gupta, P.B.
- Gupta, P.C. Unsteady, laminar flow of a viscous incompressible fluid through porous media in a hexagonal channel 1-11366
- Gupta, P.C. see Arrawatia, M.L. 1-52890
- Gupta, P.C. see Kottappa, P. 1-6039
- Gupta, P.K. see Gaur, V.K. 1-27066
- Gupta, P.K. see Harrison, R.G. 1-6575
- Gupta, P.L. see Sharma, S.N. 1-41374
- Gupta, P.N. Hydromagnetic pulsations of a viscous compressible fluid configuration in the presence of the effects of radiative transfer 1-46821
- Gupta, P.S. see Mohanty, B.K. 1-51543
- Gupta, R.B. see Sharma, S.N. 1-41374
- Gupta, R.C. see Khare, P. 1-16487, 1-31038, 1-31041
- Gupta, R.C. see Sircar, R. 1-11700
- Gupta, R.G. see Rao, K.H. 1-34710
- Gupta, R.K. Free vibrations of continuous rectangular plates on oblique supports 1-37830
- Gupta, R.N., Menon, S., Rodkiewicz, C.M. Analysis of the strong interaction problem with slip and temperature-jump effects 1-15509
- Gupta, R.N. see Rodkiewicz, C.M. 1-51807
- Gupta, R.P. Scandium-vacancy interaction in copper 1-7206
- Gupta, R.P. Interaction of Si, Ge, and Be solutes with vacancies and interstitials in Ni 1-34367
- Gupta, R.P., Khokhe, W.S., Adachi, H., Hartnagel, H.L. A new avalanche-plasma Si light emitter and its physical analysis 1-48167
- Gupta, R.P., Perrault, B. Effect of impurities on surface segregation in binary alloys 1-52407
- Gupta, R.P., Siegel, R.W. Annihilation of a positron in a vacancy in aluminum 1-26299
- Gupta, R.S., Kumar, D. Variable time step methods for one-dimensional Stefan problem with mixed boundary condition 1-37779
- Gupta, S. see Duncan, A. 1-14403
- Gupta, S. see Johri, G.K. 1-33454
- Gupta, S.C. Effectiveness of packed-bed solar air heaters 1-17275
- Gupta, S.C. Two-dimensional heat conduction with phase change in a semi-infinite model 1-24654
- Gupta, S.C., Garg, V.K. Effect of velocity distribution on the stability of developing flow in a channel 1-46805
- Gupta, S. Das see Das Gupta, S.
- Gupta, S.K. Lebesgue measure for creep 1-11319
- Gupta, S.K. Elastic-plastic bending of wide plates 1-33914
- Gupta, S.K., Dharmani, R.L. Creep transition in bending of rectangular plates 1-11320
- Gupta, S.K., Kailas, S. Optical model calculation of excitation decay rates 1-41092
- Gupta, S.K., Rana, V.D. Torsion of a transversely isotropic cylinder in theory of creep 1-51710
- Gupta, S.K. see Armstrong, R.C. 1-46786
- Gupta, S.K. see Datta, P.S. 1-13497, 1-22368
- Gupta, S.K. see Ekhot, S.N. 1-16482, 1-47947
- Gupta, S.K. see Goel, R.K. 1-33458
- Gupta, S.K. see Gopalakrishnan, N.V. 1-13650
- Gupta, S.K. see Sotha, G.D. 1-3249
- Gupta, S.K. see Soundalgekar, V.M. 1-42056
- Gupta, S.M., Panduranga, A., Buckley, M., Crucitti, T.W., Herrerra, N.E. Significance of photon-deficient areas in radionuclide bone scans 1-49108
- Gupta, S.N., Radford, S.F. Gluonic two-particle potential 1-23479
- Gupta, S.P. see Shukla, J.B. 1-32157
- Gupta, S.R. Das see Das Gupta, S.R.
- Gupta, S.S., Srivastava, N.C. Ray optic approach to magnetostatic bulk wave propagation in a YIG film delay line 1-3161
- Gupta, S.S., Srivastava, N.C. Theory of magnetic surface-wave propagation on a thick YIG slab 1-7931
- Gupta, T.C. see Kasana, R.S. 1-6503
- Gupta, T.K. Comparative studies of the contact angle as a measure of adherence for photoresist 1-38629
- Gupta, U., Rajagopal, A.K. Exchange-correlation potential for inhomogeneous electron systems at finite temperatures 1-18150
- Gupta, U. see Bhatnagar, K.B. 1-27361
- Gupta, V. Bhushan see Bhushan Gupta, V.
- Gupta, V.K., Ramani, N. Some aspects of regional-residual separation of gravity anomalies in a Precambrian terrain 1-27050
- Gupta, V.K., Tyagi, H.R. Radiative cooling of structures 1-15373
- Gupta, V.K. see Daftari, I.K. 1-45370
- Gupta, V.K. see Kaul, G.L. 1-33267
- Gupta, V.N., Bhagat, P.K., Fried, A.M. Estimating ultrasound propagation velocity in tissues from unwrapped phase spectra 1-6740
- Gupta, V.N., Pickworth, W.B. Spectral quantification of morphine- and clonidine-induced EEG changes in the dog 1-32115
- Gupta, V.N. see Bhagat, P.K. 1-13367
- Gupta, Y.M. Determination of the impact response of PMMA using combined compression and shear loading 1-15950
- Gur, M. see Brandon, D.G. 1-3767
- Gur, M. see Hadani, I. 1-13246
- Gur, T.M., Raistrick, I.D., Huggins, R.A. AC admittance measurements on stabilized zirconia with porous platinum electrodes 1-7381
- Gur, T.M., Raistrick, I.D., Huggins, R.A. Ionic conductivity of 8mol.%Sc₂O₃-ZrO₂ measured by use of both AC and DC techniques 1-25499
- Gur, T.M., Raistrick, I.D., Huggins, R.A. Steady-state DC polarization characteristics of the O₂-Pt/stabilized zirconia interface 1-34504
- Guralnik, G.S. see Bender, C.M. 1-45150
- Gurashov, V.N., Kurov, I.E. Effect of the condition of the grain boundaries on recrystallization of Armo iron at critical degrees of deformation 1-43363
- Gurbatov, S.N. Wave interaction in media with high-frequency attenuation 1-19494
- Gurbatov, S.N. Space-time characteristics of non-linear random waves in nondispersive media 1-33605
- Gurbatov, S.N. Parametric interaction and amplification of random waves in a nondispersive medium 1-37663
- Gurbatov, S.N., Demin, I.Yu., Malakhov, A.N. Influence of phase fluctuations on the characteristics of parametric arrays 1-19492
- Gurbatov, S.N., Saichev, A.I. Degeneracy of one-dimensional acoustic turbulence for large Reynolds numbers 1-51768
- Gurbatov, S.N. see Abramovich, B.S. 1-33604
- Gurbutt, A. see Dickson, R.R. 1-22352
- Gurcak, P.W., Spencer, A.C., Porsching, T.A. Implicit isotherm migration: a numerical method for the two-dimensional quench front problem 1-18724
- Gurd, D.P. see Rogers, J.G. 1-23660
- Gurd, F.R.N., Friend, S.H., Rothgeb, T.M., Gurd, R.S., Scouloudi, H. Electrostatic stabilization in sperm whale and harbor seal myoglobins. Identification of groups primarily responsible for changes in anchoring of the A helix 1-8793
- Gurd, R.S. see Gurd, F.R.N. 1-8793
- Gurdarshan Singh, Avtar Singh Propagation, reflection and transmission of longitudinal waves in non-homogeneous five-parameter viscoelastic rods 1-33924
- Gurdzhiyan, L.M., Lebedeva, N.S., Kaliya, O.L., Lebedev, O.L., Luk'yanets, E.A. Mechanism of formation of photoproducts of rhodamine dyes 1-17077
- Gureev, K.G. Possible ion acceleration mechanism in a noncylindrical z pinch 1-25047
- Gurel, V.M. Influence of friction-hardening treatment on the wear resistance of steel 35 under oily-abrasive and dry friction conditions 1-3939
- Gurel, O. Exploded points 1-40642
- Gurenko, V.A. see Korovina, V.M. 1-3798
- Gur'ev, A.V., Gokhberg, Ya.A., Avidon, D.A. Damageability of structural materials under stress-corrosion conditions 1-3986
- Gur'ev, A.V., Gokhberg, Ya.A., Avidon, D.A. Measurement of the sensitivity of materials to strain rate and the part played by uniform and concentrated residual plastic strain 1-16998
- Gur'ev, G.A. see Krupachev, A.P. 1-44154
- Gur'ev, I.I. see Kudryashov, V.G. 1-53287
- Gur'ev, V.N. see Arkatov, Yu.M. 1-33257
- Gurevich, A.V., Dimant, Y.S. Kinetic theory of convective ripple transport in Tokamaks 1-51915
- Gurevich, A.V., Tselilina, Ye.Ye. Effect of multiple scatter on the propagation of short radio waves in ionospheric wave ducts 1-22580
- Gurevich, A.V.I., Mints, R.G. On the theory of normal zone propagation in superconductors 1-47783
- Gurevich, B.G. see Gliksman, L.A. 1-3924
- Gurevich, B.M. see Batyagin, Vit.V. 1-28926
- Gurevich, B.D., Kanatenko, M.A., Podmoshenskii, I.V. Breakdown in a photoionization nitrogen plasma 1-42246
- Gurevich, D.B. see Belyatskii, A.F. 1-29944
- Gurevich, E.B. Multiplicity and correlational distributions in a quark jet 1-14350
- Gurevich, G.M., Lazareva, L.E., Mazur, V.M., Merkulov, S.Yu., Solodukhov, G.V., Tyutin, V.A. Total nuclear photoabsorption cross sections in the region 150<A<190 1-28463
- Gurevich, I.I. see Bugorski, A.P. 1-18653
- Gurevich, I.I. see Grebninnik, V.G. 1-43054
- Gurevich, L.E., Rumyantsev, A.A. Acceleration of relativistic charged particles by superionic hydromagnetic turbulence 1-17743

- Gurevich, L.E., Zegrya, G.G. On the possibility of low-frequency electromagnetic waves in metals 1-42737
- Gurevich, M.E. see Babei, Yu.I. 1-2673
- Gurevich, M.Yu., Zhuravlov, A.Kh., Larikov, L.N., Novitskii, V.G. On the inert gas penetration into metal under treatment in a glow discharge 1-38642
- Gurevich, S.A., Portnoi, E.L., Pronina, N.V. (GaAl)As heterojunction laser with composition change in the plane of the active layer 1-37498
- Gurevich, S.B. see Gavrilov, G.A. 1-41644
- Gurevich, S.E. Investigation of the stress corrosion crack growth rates of steel and titanium alloy in artificial sea-water 1-43614
- Gurevich, V.A., Shavrov, V.G. Dynamics of domain walls in an elasticity stressed ferromagnet 1-3216
- Gurevich, V.L., Parshin, D.A. Population inversion of the carriers in a semiconductor in the field of intensive electromagnetic wave 1-52579
- Gurevich, V.L., Parshin, D.A. On theory of hot electron galvanomagnetic phenomena in semiconductors under population inversion conditions 1-52583
- Gurevich, V.L. see Kravchenko, G.I. 1-6738
- Gurevich, V.M. see Lifanov, I.I. 1-15381
- Gurevich, V.M. see Posnov, N.P. 1-15382
- Gurevich, Yu.G., Rakhmanov, V.I., Pan'shin, I.F. Transformation of supercooled austenite in sintered steels during continuous cooling 1-12739
- Gurevich, Y.Y., Ivanov-Shits, A.K. Electronic currents in solid electrolytes (review) 1-30465
- Gurevich, Yu.Ya. Mechanism of microscopic interactions in solid electrolytes 1-38591
- Gurevich, Yu.Ya., Kharkats, Yu.I. Abrupt change of ionic conductivity induced by an electric field 1-11903
- Gurey, V.M. see Babey, Yu.I. 1-48521
- Gurganus, E.A. see Whitlock, C.H. 1-44213
- Gurican, G. see Weinstein, A.A. 1-18919
- Guriev, K.A., Lyubov, B.Ya. Calculation of the speed of pore growth during H_2 corrosion taking into account the plastic deformation around the pore 1-48568
- Gurin, V.N., Korsukova, M.M., Karin, M.G., Sidorin, K.K., Smirnov, A.A., Shelykh, A.I. Optical constants of EuB_2 and LaB_2 1-3358
- Gurin, V.N. see Mikhailenko, S.I. 1-30165
- Gurinenko, L.V. see Gusarskii, D.D. 1-21807
- Gurinovich, G.P. see Dzhagarov, B.M. 1-17347
- Gurinovich, G.P. see Salokhiddinov, K.I. 1-14954
- Gurkov, V.A. see Bovin, V.P. 1-17131
- Gurkov, Y.V., Druzhinin, A.V. Emission parameters of an impregnated porous-metal thermal cathode coated with osmium 1-31299
- Gurkova, S.N., Gusev, A.I., Alekseev, N.V., Los', M.G., Zavodnik, V.E., Bel'skii, V.K., Ryasin, G.V., Fedotov, N.S. Crystal and molecular structure of phenyltris(acetoximoyl)silane 1-25250
- Gurman, S.J. see Newport, R.J. 1-20696
- Gurman, V.S., Pergushov, V.I. Cage effect in the solid phase. Calculation of quantum yields of stabilized radicals on the basis of a free volume model 1-48701
- Gurnee, M. see Broudy, R. 1-5383
- Gurnett, D.A., Anderson, R.R., Tokar, R.L. Plasma oscillations and the emissivity of type III radio bursts 1-4737
- Gurnett, D.A. see Shaw, R.R. 1-9325
- Gurney, C.M. The detection of linear features using Landsat data 1-27301
- Gurney, J.J. see Hervig, R.L. 1-44143
- Gurnick, M., Chaiken, J., Benson, T., McDonald, J.D. Vibrational and rotational spectroscopy of the first electronically allowed transition of α -dicarbonyls 1-37240
- Gurnick, M., Chaiken, J., McDonald, J.D. Vibrational relaxation and the statistics of triplet states and matrix elements in methylglyoxal 1-37312
- Gurnick, M. see Chaiken, J. 1-37241, 1-37242
- Gurov, K.P., Million, B., Pimenov, V.N., Ruzhichkova, Ya., Khlomov, V.S. Influence of the ordering dome on interdiffusion in binary solid solutions 1-11897
- Gurov, S.V. see Troitskiy, V.N. 1-48714
- Gurov, Yu.B. see Akimov, Yu.K. 1-37059
- Gurovich, V.Ts., Spectorov, V.L., Engel'sht, V.S. Degeneracy of spectral series in hydrogen plasmas 1-15603
- Gurovich, Yu.A. Energy loss factor associated with coupling between the elements of connected structures 1-19505
- Gurovich, Yu.A. Nonresonant sound transmission through a rectangular panel 1-19515
- Gurp, G.J. van see van Gurp, G.J.
- Gurs, K. Optimum laser beam focusing 1-46418
- Gursey, F. Symmetries of quarks and leptons 1-28240
- Gursey, F., Chia Tze, H. Complex and quaternionic analysis in chiral and gauge theories. I 1-411
- Gurskas, A.A. see Nesterenko, N.M. 1-26202
- Gurskii, B.A. see Gurskii, Z.A. 1-30621
- Gurskii, M.N. see Berlyand, V.A. 1-23860
- Gurskii, Z.A., Gurskii, B.A. Pseudopotential of the transition metals 1-30621
- Gursky, H. Cosmological information from X-ray observations 1-19754
- Gursky, H. see Traub, W.A. 1-49514
- Gursky, H. see Treves, A. 1-49720
- Gurthrie, G.L., Simons, R.L. Analysis and extension of the SAND-II code 1-50982
- Gurtin, M.E. On patched variational principles in elasticity 1-29552
- Gurtin, M.E., Murphy, L.F. On optimal temperature paths for thermorheologically simple viscoelastic materials 1-20428
- Gurtin, M.E., Yatomi, C. On the energy release rate in elastodynamic crack propagation 1-29617
- Gurtler, R.W. see Baghdadi, A. 1-3603
- Gurtov, V.A. see Guzev, A.A. 1-3072
- Gurtovenko, E.A. High resolution solar spectroscopy with the double-pass solar spectrometers 1-49522
- Gurtovenko, E.A., Kondrashova, N.N. The empirical determination of damping constants in the solar photosphere. I. Preliminary results for Fe I lines 1-22757
- Gurtowski, J. see Hertford, D. 1-13279
- Gururaja, T.R. see Bowen, L.J. 1-33865
- Guruswamy, V., Keillor, P., Campbell, G.L., Bockris, J.O'M. The photoelectrochemical response of the lanthanides of chromium, rhodium, vanadium and gold on a titanium base 1-32034
- Gurvich, A.K., Dymkin, G.Ya., Fradkov, A.L. Statement of the problem of working out algorithms for identifying flaws in welded joints on the basis of data of ultrasonic quality control 1-39570
- Gurvich, A.M. Some features of the X-ray luminescence of crystal phosphors, and their possible new applications 1-12544
- Gurvich, A.M., Il'ina, M.A., Maslov, L.A., Faynberg, V.S., Shamanov, A.A., Kavtorova, V.P. The characteristics of electroradiationographic plates 1-39990
- Gurvich, A.M. see Golovkova, S.I. 1-8120
- Gurvich, A.S., Yurchenko, B.N. Frequency spectra of fluctuations in temperature during turbulent convection 1-32492
- Gurvich, O.S., Dubovik, T.V., Struk, L.I. High-temperature vacuum friction and wear of a pair composed of molybdenum and boron carbide 1-35401
- Gurvitz, S.A. Exchange currents and e-nucleus scattering at large q^2 1-5772
- Gur'yan, Yu.A. see Gur'kov, N.A. 1-4638
- Gur'yan, Yu.A. see Mazets, E.P. 1-9731, 1-13796, 1-22929
- Gur'yanov, A.A., Terukov, E.I. Optical properties of vanadium oxidized in air 1-43089
- Gur'yanov, A.E. Microstructure of the temperature field in the night-time ground layer of the atmosphere on Mt. Maidanak and astronomical image quality 1-44300
- Gur'yanov, A.G. see Shengurov, V.G. 1-247
- Gur'yanov, A.N., Gusovskii, D.D., Devyat'ykh, G.G., Dianov, E.M., Mirakyan, M.M., Neustruem, V.B., Nikolai-chik, A.V., Prokhorov, A.M., Khopin, V.F. Single-mode low-loss fiber waveguide 1-51629
- Gur'yanov, V.M., Karev, E.A. Transformation of surface travel-time curves of reflected seismic waves 1-13608
- Gurylev, B.V., Bessalov-Korotkevich, B.A., Kisel'nikova, S.N. Current stabilizer for high-resistance magnets 1-44972
- Gurzadyan, G.A. Emission lines of Mg II and Ca II in planetary nebulae 1-9625
- Gurzan, M.I. see Gomonnai, A.V. 1-2664
- Gurzhi, R.N., Kopelovich, A.I., Rutkevich, S.B. On the electrical conductivity of two-dimensional metallic systems 1-2937
- Gusak, N.A., Bondarev, I.F., Grib, A.F. Distribution of the refractive index gradient in a quadrupole deflector 1-33794
- Gusak, N.O. see Zatspin, N.N. 1-30987
- Gusarov, A.N. see Abramenko, P.I. 1-1057
- Gusarov, A.V. see Rybkin, Yu.Ya. 1-4140
- Gusarskii, V.V., Fridman, G.I., Pavlova, A.I., Gurinenko, L.V. X-ray fluorescence analysis of light and heat-resistant alloys 1-21807
- Gusarskii, V.V., Kuz'yakov, Yu.Ya., Semenenko, K.A., Timofeeva, L.N. Some problems of the interaction of laser radiation with titanium alloys 1-16627
- Guseinov, A.G. see Tagirov, V.I. 1-3646, 1-34747
- Guseinov, F.Z. see Aliev, M.I. 1-20768
- Guseinov, G.D., Agamaliyev, D.G., Abdullaeva, S.G., Melikova, Z.D., Ramazan-zade, A.M., Ismailov, M.Z., Khalilov, Kh.Ya. The spiral growth of $GaSe_{1-x}$ ($0 \leq x \leq 1$) crystals 1-47026
- Guseinov, G.D. see Mil'ner, A.P. 1-34327
- Guseinov, G.G. see Tagirov, V.I. 1-3646
- Guseinov, I.I., Imamov, E.M. Analytical calculation of spin-spin molecular integrals with orbitals of the Slater type 1-6129
- Guseinov, I.I., Mursalov, T.M., Imamov, E.M., Dzhafarov, G.M. Calculation of the total energy of two-electron molecules by the method of correlated wavefunctions 1-28865
- Guseinov, R.E. see Gasanly, N.M. 1-16570
- Guseinova, E.S. see Tagiev, B.G. 1-47660
- Guseinova, F.A. see Davletov, A. 1-17302
- Guseinova, M.K. see Dzhafarov, N.Kh. 1-25252
- Guseinova, Z.A. see Miskaril, A.K. 1-12902
- Gusenkov, A.P. see Kotov, I.I. 1-31624
- Guseva, M.I., Ivanov, S.M., Martynenko, Yu.V. The influence of incidence angle on the radiation blistering surface erosion 1-33345
- Gusev, A., Bark, F.H. Stability of rotation-modified plane Poiseuille flow 1-19817
- Gusev, A.A., Pugacheva, G.I., Zatspin, V.I., Titenkov, A.F. Measurement of 1-300 GeV electron fluxes using the transition radiation detector on the Interkosmos-17 artificial satellite 1-36152
- Gusev, A.E. Methods in detecting flaws in X-ray shielding devices 1-40013
- Gusev, A.I. Calculation of some thermodynamic characteristics of structural vacancies in high-melting compounds of the type of zirconium and niobium carbides 1-16064
- Gusev, A.I. see Gurkova, S.N. 1-25250
- Gusev, G.A. see Dechambre, M. 1-44368
- Gusev, L.B. see Kalinin, R.I. 1-1975
- Gusev, O.A. see Burtsev, V.A. 1-970
- Gusev, S.S., Staskov, N.I., Filippov, V.V. Transition layer in the FTIR method 1-44989
- Gusev, S.S. see Golovachev, V.I. 1-8030
- Gusev, S.S. see Stas'kov, N.I. 1-53008
- Gusev, V.G., Popov, L.N. Temperature stabilisation of an optical FM-AM discriminator 1-1666
- Gusev, V.G., Popov, L.N. Coherent approach to analysis of modulated optical radiation 1-41576
- Gusev, V.N., Kurnosova, L.V., Logachev, V.I., Platonov, G.F., Razorenov, L.A., Samoilenko, V.T., Topchiev, N.P., Fradkin, M.I. Excess radiation at heights of 200-300 km and the albedo flux in the stratosphere 1-36141
- Gusev, V.N., Lazarev, K.P. An analytical expression for the hysteresis loop 1-7886
- Gusev, V.V. see Polosukhin, B.T. 1-28781
- Gusev, Yu.I. see Grachov, V.G. 1-18701
- Gusev, Yu.L., Kirpichnikov, A.V., Kruglov, S.N., Marennikov, S.I. Tunable (0.86-1 μ) CW room-temperature laser utilizing F_2^+ color centers in a LiF crystal 1-6562
- Gusev, Yu.L., Kruglov, S.V., Konoplin, S.N., Kirpichnikov, A.V., Marennikov, S.I. Energy characteristics of an F_2^+ center laser and formation of active color centers by a laser beam 1-24423
- Gusev, Yu.M. see Sorokin, N.I. 1-43681
- Guseva, E.A. see Zade, V.V. 1-44954
- Guseva, G.I., Rukhadze, A.A., Rukhlin, V.G. Dynamics of the fields induced when a relativistic electron beam is injected into a weakly ionized plasma 1-25003
- Guseva, K.N. see Sukhanova, G.E. 1-21442
- Guseva, M.D. see Glazkov, V.V. 1-1929
- Guseva, M.I. see Vladimirov, B.G. 1-25335
- Guseva, O.A. see Vakulenko, O.V. 1-43146
- Gusewell, D. see Dykes, M. 1-45784
- Gushcha, N.I. see Dmitriev, A.P. 1-8914
- Gushchin, A.N. see Shetlov, D.I. 1-31614
- Gushchin, G.P. The USSR ozonometric network 1-22549
- Gushchin, O.A. see Kopelevich, O.V. 1-13468
- Gushchina, R.T. see Belov, A.V. 1-4726, 1-36128
- Gushchina, T.M., Kurochkin, F.E., Potekhin, D.P. New equipment for transferring dimensions of electrical capacity and inductance units 1-27111
- Gushsho, Yu.P., Gavrilov, V.N. Investigation of high speed reliefographic light modulator with a gelatinous carrier 1-29385
- Gusinskii, E.N., Rabinovich, R.I. Influence of inelastic scattering on electron runaway 1-20754
- Gusinskii, G.M., Kremer, E.B., Kremer, M.I., Mchedlishvili, B.V. Determination of the size of microholes in nuclear microfilters with small diameter 1-11451
- Gusinskii, G.M., Zvonov, V.S., Lemberg, I.Kh., Mitroshin, V.E. Structure of the excited states of ^{75}As 1-45423
- Gus'kov, A.P. see Uglov, A.A. 1-47219
- Gus'kov, Yu.P. see Baikov, V.P. 1-26680
- Gusman, N.O., Surkov, S.A. Notching graphite specimens for the determination of fracture characteristics 1-17006
- Gusmao, M.A. Critical exponents of a Heisenberg ferromagnet in the reaction field approximation 1-20997
- Gusovskii, D.D. see Gur'yanov, A.N. 1-51629
- Gusparian, R.A. see Gulyaev, Yu.V. 1-12151
- Guss, P.P. see Byrd, R.C. 1-28476
- Guss, P.P. see Murphy, K. 1-50597
- Gussakovskii, E.E. see Abramov, A.A. 1-44987
- Gusseinaliev, M.G. see Arshev, I.P. 1-26165
- Gussenhoven, M.S. see Sridhey, M. 1-40258
- Gussekov, A.P., Kasantsev, A.G. A kinetic deformation criterion for creep low-cycle fatigue under nonisothermal loading 1-34411
- Gussoni, M. see Abbate, S. 1-26186

- Gussoni, M. *see* Masetti, G. 1-24298
- Gussoni, M. *see* Zerbi, G. 1-30343
- Gust, W., Predel, B., Roll, U. Investigation of discontinuous precipitation in synthetic Cu-In bicontinuous with 4.6 at.% In 1-3741
- Gust, W.H. Phase transition and shock-compression parameters to 120 GPa for three types of graphite and for amorphous carbon 1-25372
- Gust, W.H. Hugoniot elastic limits and compression parameters for brittle materials 1-38463
- Gust, W.H. Elastic and plastic properties of uranium dioxide from 5 to 330 GPa 1-38464
- Gustafsson, B.A.S. *see* Greenberg, J.M. 1-36216
- Gustafsson, D.E. Dedicated minicomputers in optical design 1-46505
- Gustafsson, D.E. *see* Johnson, S.A. 1-14677
- Gustafsson, G. *see* Andersson, B. 1-18449, 1-45207
- Gustafsson, H.L., III, Stepanishen, P.R. Effects of multiple scattering and acoustic interactions among two parallel hydrophones and a planar baffle 1-46607
- Gustafsson, R.J. *see* Hooke, R.L.B. 1-40143
- Gustafsson, S.C. Pulsed holographic interferometry of objects subject to both uniform and vibrational motion 1-29234
- Gustafsson, T. Technology assessment, Soviet style 1-5077
- Gustafsson, T.K. *see* Chen, C.W. 1-40848
- Gustafsson, B. Sweden goes for central temporary storage facility 1-14647
- Gustafsson, B., Bell, R.A., Fredga, K., Gahr, G.F. The ultraviolet flux of HD 122653 1-4910
- Gustafsson, B. *see* Manduca, A. 1-54488
- Gustafsson, H.A. *see* Azuma, R.E. 1-14498
- Gustafsson, H.A. *see* Hylten, G. 1-27923
- Gustafsson, L. *see* Burq, J.P. 1-23912
- Gustafsson, T. Partial photoionization cross sections of molecular oxygen 1-14965
- Gustafsson, T., Levinson, H.J. Shape resonances in diatomic molecules: NO 1-41440
- Gusten, H. *see* Meic, Z. 1-31151
- Gusten, R. *see* Biegling, J. 1-9633
- Gusyatskii, G.F. *see* Petrakovskii, G.A. 1-26006
- Gutai, L. Characterization of highly compensated semi-insulated GaAs substrates 1-34646
- Gutan, V.B., Lavrov, A.V. Concerning the nature of the blue luminescence band of ZnS-I 1-35094
- Gutay, L. Limiting temperature, lifetime, size of the centrally produced hadronic matter and its astrophysical implications 1-18530
- Gutay, L.J. *see* Gaidos, J.A. 1-18656
- Gutay, L.J. *see* Zissa, D.E. 1-33201
- Gutcheck, R.A. *see* Brodie, I. 1-43973
- Gutdeutsch, R. *see* Adam, A. 1-40058
- Gutdeutsch, R. *see* Aric, K. 1-4457
- Guterkh, A. *see* Sollogub, V.B. 1-22281
- Guterman, D. *see* Huff, H.R. 1-34772
- Gutfeld, R.J. *see* Von Gutfeld, R.J.
- Gutfinger, C. *see* Navon, U. 1-34000
- Gutfinger, C. *see* Oren, A. 1-32992
- Gutfreund, H., Hartzstein, C., Weger, M. The electron-phonon coupling strength in TTF-TCNQ 1-30733
- Guth, A. *see* Zouhar, G., Jr. 1-31513
- Guth, A.H. Inflationary universe: a possible solution to the horizon and flatness problems 1-49871
- Guth, A.H., Weinberg, E.J. Cosmological lower bound on the Higgs-Boson mass 1-18409
- Guth, S.L. *see* Trick, G.L. 1-13247, 1-43876
- Guth, W. On the question of the 'response' of string instruments 1-29482
- Guthrie, B.N.G. Emission-line strengths and cluster membership of radio galaxies 1-36414
- Gutierrez, G., Plastino, A., Zannoli, G. Low-density Hartree-Fock solutions for a one-dimensional gas with attractive delta-function interactions 1-45841
- Gutierrez, R.H. *see* Laura, P.A.A. 1-11337, 1-19619
- Gutierrez, W.R. Path integral approach to the large-N expansion of the two-dimensional U(N) QCD 1-23411
- Gutierrez Monreal, J., Mochon Munoz, J. Analytical industrial instruments 1-8633
- Gutierrez Monreal, J., Mochon Munoz, J. Study of control of mixtures in internal combustion engines 1-17336
- Gutierrez Monreal, J., Mochon Munoz, J. Gas sensors correction using hybrid techniques 1-48770
- Gutierrez-le Brun, M., Gaité, J.M. Computer simulation study of partially oriented samples. Application to the EPR spectra of copper hectorite 1-16475
- Gutierrez-le Brun, M. *see* Conrad, J. 1-38992
- Gutierrez-Moreno, A., Moreno, H., Cortes, G. Spectrophotometry of G-type stars 1-27502
- Gutierrez-Puebla, E. *see* Monge, A. 1-42346
- Gutli, A.I. *see* Ishkhanov, B.S. 1-5703
- Gut'ka, P., Krutzyak, Ya. On the problem of critical current anisotropy in Nb₃Sn ribbons 1-52736
- Gutkin, A.A., Dmitriev, M.V., Khait, V.M. Effect of the intermediate layer on the transmittance of light into a semiconductor for the Au-SiO₂-Si and Au-SiO₂-GaAs structures 1-7742
- Gutkin, A.A., Kosogov, O.V., Kumeikov, S.E. Carrier multiplication in structures with a thin space-charge layer and quantum efficiency of the internal photoelectric effect 1-20866
- Gutkin, A.A. *see* Gerasimov, A.L. 1-52660
- Gutkin, T.I., Tspis, V.S., Boleslavskaya, G.I. Hydromagnetic stability of an axially-symmetric rotating plasma with finite pressure 1-24954
- Gutkowicz-Krusin, D., Wronski, C.R., Tiedje, T. Carrier collection efficiency of a-SiH₃ Schottky-barrier solar cells 1-48838
- Gutlich, P., Koppen, H., Steinhäuser, H.G. Deuterium isotope effect on the high-spin=low-spin transition in deuterated solvates of tris(2-picolylamine) iron(II) chloride 1-3301
- Gutman, A.L. Diffusion of field in a nonhomogeneous material 1-10890
- Gutman, E.M., Zakharov, L.A. Influence of machining on corrosion cracking of stainless steel in carbon chlorides 1-53351
- Gutman, I. Polynomial matrix method for the estimation of π -electron energies of some linear conjugated molecules 1-19003
- Gutman, I. Failures of the topological resonance energy method 1-22991
- Gutman, I. Topological resonance energy of very large benzenoid hydrocarbons 1-51095
- Gutman, I., Mohar, B. More difficulties with topological resonance energy 1-41294
- Gutmanas, E.Y. Activation analysis of plastic deformation of BCC metals using stress and temperature jumps 1-21539
- Gutmanas, E.Y. High-pressure compaction and cold sintering of stainless steel powders 1-53135
- Gutmanas, E.Y., Rabinkin, A., Roitberg, M. On cold sintering of metal-bonded diamond composites 1-21409
- Gutmanas, E.Y., Rabinkin, A., Roitberg, M. On cold sintering under high pressure 1-35210
- Gutmanas, E.Y., Haasen, P. Thermal activation analysis of dislocation motion in CdTe 1-52143
- Gutmann, A., Hayek, K. Structural changes occurring during the stripping of thin films of silver, copper, gold and nickel from their substrates 1-38689
- Gutmann, J. Direct reography for the routine diagnostic examination of blood flow disturbances 1-44041
- Gutmann, V. *see* Resch, G. 1-30223
- Gutnova, L.B. *see* Borodina, T.I. 1-21410
- Gutorenko, O.M. *see* Kondakova, L.V. 1-282
- Gutowksi, M. *see* Cieplak, M. 1-3189
- Gutowski, M. *see* Twarowski, K. 1-52810
- Gutsev, G.L., Levin, A.A. Study of the electronic structure of molecules by the self-consistent discrete variation X_n method in a basis of numerical Hartree-Fock functions. III. Calculation of the ionization potentials of small molecules 1-6126
- Gutsev, G.L., Levin, A.A. Study of the electronic structure of molecules by the self-consistent discrete variation X_n method in a basis of numerical Hartree-Fock functions. IV. Calculation of the ionization potentials and energies of the optical transitions for the permanganate ion 1-6127
- Gutsev, G.L., Levin, A.A. SCF DVM-X_n with basis set of numerical Hartree-Fock functions and its applications to MoF₆, WF₆, and UF₆ 1-10632
- Gutsov, I. The temperature dependence of the thermodynamic functions of glass melts 1-2653
- Gutstein, W.H. *see* Harrison, J.E. 1-32334
- Gutsulyak, V.G. *see* Gertovich, T.S. 1-3419
- Gutse, A. *see* Szczurek, T. 1-23283
- Gutt, S. Second and third spaces of differentiable cohomology in the Lie and Poisson algebra of a symplectic variety 1-28227
- Gutt, S. *see* Cahen, M. 1-18079
- Gutteridge, P.A. Using a computer to aid materials selection and design 1-23196
- Guttman, C.M., DiMarzio, E.A., Hoffman, J.D. The polymer in a cone—a model for the surface free energy of polymer crystal with emergent cilia 1-38641
- Guttman, C.M., Hoffman, J.D., DiMarzio, E.A. Monte Carlo calculation of SANS for various models of semicrystalline polyethylene 1-38300
- Guttman, C.M. *see* DiMarzio, E.A. 1-30100, 1-47017
- Guttman, C.M. *see* Gaylord, R.J. 1-42329
- Guttman, C.M. *see* Hoffman, J.D. 1-30098
- Guttmann, L. Model of hydrogenated amorphous silicon 1-47003
- Guttmann, A.J. Correction to scaling exponents and critical properties of the n-vector model with dimensionality >4 1-27890
- Guttmann, A.J., Reeve, J.S. Critical behaviour of the four-dimensional $n=0$ model with a free surface 1-7848
- Guttmann, A.J. *see* Reeve, J.S. 1-16452, 1-47864
- Guttmann, D. *see* Donati, J.R. 1-48495
- Guttmann, M. *see* Guillou, R. 1-43500
- Guttmann, V. *see* Adelul, J.L. 1-3840
- Guttner, K. *see* Munzenberg, G. 1-50695
- Guttmorsen, M. *see* Kroth, R. 1-18561, 1-45404
- Guttrya, L.S. *see* Mestechkin, M.M. 1-37107
- Gutzev, G.L. *see* Kiyagina, A.P. 1-33396
- Gutzwiller, M. *see* Ushida, N. 1-546
- Güven, R. Black holes have no superhair 1-23081
- Guy, J.G. *see* Borreani, G. 1-50461
- Guy, R.W. Pressure developed within a cavity backing a finite panel when subjected to external transient excitation 1-29461
- Guymon, G.L. *see* Hromadka, T.V., II 1-40150
- Guymont, M., Portier, R., Gratiot, D. Study of phase ordering in irradiated long-period alloys. The alloys AuCu II and AuCu-Zn 1-2297
- Guyon, E. *see* Clerc, J.P. 1-12160
- Guyon, E. *see* Dreyfus, J.-M. 1-52054
- Guyon, E. *see* Fermigier, M. 1-15559
- Guyon, E. *see* Gauthier-Manuel, B. 1-17053
- Guyon, P.M. *see* Morin, P. 1-19133
- Guyon, P.M., Nenner, I. Physics of molecular ion formation 1-29047
- Guyonnet, J.L. *see* Erriques, O. 1-23490
- Guyot, J.C. *see* Andre, M. 1-51469
- Guyot, J.C. *see* Bettinger, A. 1-11012
- Guyot, M., Foner, S., Hasanain, S.K., Guertin, R.P., Westerholt, K. Very-low-frequency AC susceptibility of the spin-glass system PrP₂ ($y \leq 1$) 1-16450
- Guyot, M. *see* Hollenstein, Ch. 1-29874
- Guz, A.N. On the problems of stability of deformable systems under 'tracking' loads 1-6770
- Guz', A.N. On contact problems for elastic compressible bodies with initial stresses 1-15453
- Guz', A.N. Theory of contact problems for elastic incompressible bodies with initial stress 1-15455
- Guz', A.N. Variational principles for the three-dimensional theory of stability of deformable bodies under the action of a 'following' load 1-19598
- Guz', A.N. Hydroelasticity problems for a viscous liquid and elastic bodies with initial stresses 1-25352
- Guz', A.N., Chernyshenko, I.S., Chekhov, Val.N., Chekhov, Vik.N., Shnerenko, K.I. Investigations in the theory of thin shells with openings (review) 1-19561
- Guz', A.N., Koshman, V.P. A nonstationary problem of the elasticity theory for an incompressible half-plane with initial stresses 1-24675
- Guz', A.N., Kubenko, V.D., Panasyuk, N.N. Unsteady diffraction of spherical stress waves at a spherical cavity in an elastic medium 1-15435
- Guz', A.N., Shnerenko, K.I. Thin shells fabricated out of composite materials weakened by holes 1-11314
- Guz', A.N., Zelenskii, V.S., Kokhanenko, Yu.V. Solving spatial problems of the three-dimensional theory of elastic stability of plates and rods with nonhomogeneous precritical states 1-46686
- Guz', A.N. *see* Akopyan, Zh.S. 1-24702
- Guz, W. Conditional probability in quantum axiomatics 1-27801
- Guzev, S.T., Semeski, R.B. Determination of the Poisson parameters using a T-magnetometer for magnetic induction measurements 1-27267
- Guzeva, L.S. *see* Chudinova, N.N. 1-35164
- Guzel, L.S. *see* Kut'nikov, V.A. 1-3793
- Guzel, L.S. *see* Zaitsev, B.G. 1-8318
- Guzek, J.C., Ingham, J.G. Thermal hydraulics of handling FFTF fuel in sodium and argon, comparing test results with calculated 1-50777
- Guzek, Z., Ranachowski, J. Experiments to increase the stability of the microstructure of steatite 1-53258
- Guzelsu, N., Saha, S. Electro-mechanical wave propagation in long bones 1-53778
- Guzev, A.A., Gurtov, A.A., Rzhano, A.V., Frantsuzov, A.A. Influence of electron irradiation on the Hall mobility of holes in inversion layers of metal-oxide-semiconductor structures 1-3072
- Guzey, L.S. *see* Ivanov, V.K. 1-16719
- Guzhava, T.I. *see* Murakhtanov, V.V. 1-28893
- Guzhevskaya, A.V., Veinberg, V.B., Karp, Yu.S., Yakovlev, V.N. Xenon lamp light source for cold-light endoscopes 1-4352
- Guzhevskaya, A.V. *see* Veinberg, V.B. 1-4350
- Guzhov, V.V. *see* Rogov, V.V. 1-15293
- Guzhova, I.P. *see* Chashchin, S.P. 1-20814
- Guzhovskii, B.Ya. *see* Trusillo, S.V. 1-45766
- Guzman, I.Ya. *see* Polyakov, S.A. 1-31554
- Guzman Roa, J.A. *see* Watanabe, T. 1-44131
- Guz'o, N. *see* Bagno, O.M. 1-29590
- Guzonas, D.A. *see* Atkinson, G.F. 1-17059
- Guzzardi, R., Mey, M. Further appraisal and improvements of 90° Compton scattering tomography of the lung 1-43966
- Guizzi, G. *see* Gardini, S. 1-50784
- Guizzi, M. *see* Grilli, E. 1-39143
- Guizzi, M. *see* Modesti, S. 1-47696
- Guizzi, R., Rizzi, R. The effect of radiative exchange on the growth by condensation of a population of droplets 1-22388
- Gvildys, J. *see* Chang, Y.W. 1-33320

- Gvishiani, A.D., Zelevinskii, A.V., Keilis-Borok, V.I., Kosobokov, V.G. The use of recognition algorithms in the study of the location of the strongest earthquakes in the Pacific belt 1-13402
- Gvozdetkii, V.S. *see* Kotelnikov, D.I. 1-51998
- Gvozdev, R.I. *see* Vainshtein, B.K. 1-17342
- Gvozdkov, V.M., Manninen, E. Critical characteristics of thin superconductor films 1-3123
- Gwiazdowski, M., Schlaak, H.F. An optical fibre length meter and its characteristics 1-19458
- Gwinner, D., Packeiser, G. Dislocation networks in twisted silicon 1-20225
- Gwinner, D. *see* Packeiser, G. 1-20226
- Gwynn, P.G. *see* Phillips, N.J. 1-19294
- Gyavgyanov, L.V. *see* Butslov, M.M. 1-36184
- Gyidok, A., Gerilovsky, L., Kostov, K., Gatev, P. Influence of some features of the muscle structure on the potentials of motor units, recorded by means of different types of needle electrodes 1-21999
- Gyemant, I. *see* Varga, Zs. 1-6383
- Gyimesi, F., Pilinyi, A., Tanos, E. Investigation of small displacements and deformations of electric devices by the methods of the holographic interferometry 1-6506
- Gyimesi, F., Pilinyi, A., Tanos, E. Deformation and vibration testing by means of holographical interferometry 1-29231
- Gyimesi, J. *see* Valyi, G. 1-43563
- Gyles, W. *see* Barnett, B.M. 1-23557
- Gyor, M. *see* Rockenbauer, A. 1-33481
- Gyoryffy, B.L., Stocks, G.M. Momentum distribution of electrons in concentrated random alloys 1-25609
- Gyoryffy, B.L. *see* Gordon, B. 1-12019
- Gyoryffy, B.L. *see* Pessa, M. 1-43242
- Gyoryffy, B.L. *see* Pindor, A.J. 1-25623
- Gyoryffy, B.L. *see* Staunton, J. 1-25611
- Gyorgy, E.M. *see* Novak, P. 1-34876
- Gypen, L.A., Deruyterre, A. Substitutional solid solution hardening in binary and ternary tantalum base alloys 1-21471
- Gysen, M. *see* Chliapnikov, P.V. 1-36886
- Gysen, M. *see* Denegri, D. 1-28356
- Gysler, A., Lindigkett, J., Lutjering, G. Correlation between microstructure and fatigue fracture 1-31642
- Gyu Koh In *see* In Gyu Koh
- Gyulai, J. *see* Valyi, G. 1-43563
- Gyunsburg, K.E. *see* Zvezdova, N.P. 1-2438
- Gyunter, V.E. *see* Bratchikov, A.D. 1-35216
- Gyuntner, A.F. *see* Zghenti, V.S. 1-6783
- Gzirisvili, D.G. *see* Glurdzhidze, L.N. 1-3521
- Gzowski, O., Murawski, L., Trzebiatowski, K. The surface conductivity of bismuth contaminated lead-silicate glasses 1-30803
- Gzimala, R., Ligeois, C. Utilization of dichromated gelatin in holography 1-15111
- Gzyl, H. An unified presentation of equilibrium distributions in classical and quantum statistical mechanics 1-5218
- Ha, J.C. *van der* *see* van der Ha, J.C.
- Ha, Chung Lee, Soo Young Kim Study on the high strength cast iron 1-35349
- Ha Tae-Kyu *see* Tae-Kyu Ha
- Haacke, E.M. Toward an understanding of the leptoproduction R ratio 1-23499
- Haaf, S. *see* Corneille, H.-P. 1-35696
- Haag, G., Munz, M., Marowsky, G. Bistability in the operation of an organic dye laser 1-46332
- Haag, G.L. Carbon-14 removal and fixation from off-gas streams at nuclear facilities 1-5914
- Haag, H., Hildenbrand, H. The manufacture and properties of cables with optical waveguides 1-19432
- Haag, H. *see* Schlang, P. 1-37618
- Haag, J., Alpen, U.V., Rabenau, A. Measurement of iodine vapor pressures in the range 10^4 - 10^6 Pa by use of γ -AgI as the solid electrolyte in galvanic cells 1-32993
- Haagensohn, P. *see* Fishman, J. 1-44286
- Haagensohn, P. *see* Routhier, F. 1-40164
- Haak, V. Relations between electrical conductivity and petrological parameters of the crust and upper mantle 1-22275
- Haake, F., Haus, J.W., King, H., Schroder, G. Delay-time statistics of superfluorescent pulses 1-51431
- Haake, F., Thol, K. Universality classes for one dimensional kinetic Ising models 1-25861
- Haan, G. *De* *see* De Haan, G.
- Haan, O. On the structure of planar field theory 1-18387
- Haan, P.H. *de* *see* de Haan, P.H.
- Haan, S.W. *see* Pratt, L.R. 1-46967, 1-46978
- Haange, R.J. *see* Folmer, J.C.W. 1-34882
- Haar, D. *ter* *see* ter Haar, D.
- Haar, G. *ter* *see* ter Haar, G.
- Haardt, H., Nielsen, G.A. Attenuation measurements of monochromatic light in marine sediments 1-17625
- Haardt, H. *see* Diehl, P. 1-35995
- Haarer, D. Optical and photoelectric properties of organic charge transfer crystals 1-30789
- Haarer, D. *see* Friedrich, J. 1-8581, 1-39654
- Haarman, R.A. *see* Benjamin, A.S. 1-10495
- Haars, H. *see* de Boer, H. 1-250, 1-252
- Haas, A. *see* Christen, D. 1-1405
- Haas, B. *see* Andrews, H.R. 1-18559
- Haas, E.W.M. Kawilarang-*de* *see* Kawilarang-de Haas, E.W.M.
- Haas, F. *see* Heusch, B. 1-45558
- Haas, F. *see* Kolata, J.J. 1-45528
- Haas, G. *see* Niedermeyer, H. 1-25040
- Haas, G.A. *see* Thomas, R.E. 1-16198
- Haas, J. *see* Altkofer, O.C. 1-45773
- Haas, J.S., Dean, R.D., Mansfield, C.M. Evaluation of a new Fletcher applicator using cesium-137 1-43951
- Haas, K.A. *see* Teuchert, E. 1-33340
- Haas, L. Solar photovoltaic technology holds shining prospects 1-4174
- Haas, L.J. *de* *see* de Haas, L.J.
- Haas, M.A., Hizhnyakov, V.V. Resonance scattering of hard synchrotron radiation and neutrons by nuclei in crystals 1-23616
- Haas, R.A. *see* Krupke, W.F. 1-11020
- Haas, R.A. *see* Morgan, W.L. 1-46321
- Haas, U. *see* Seiler, H. 1-54195
- Haas, Y. *see* Ben-Shaul, A. 1-39605
- Haas, Y. *see* Roellig, M.P. 1-37278
- Haas, Y. *see* Zamir, E. 1-8551
- Haase, D.G., Sears, J.O., Orban, R.A. Pressure transitions in solid H_2 below 0.5K 1-7410
- Haase, E.L., Meyer, O. High T_c phases in the Nb-Si, Nb-Ge, and the Nb-Ge-Si ternary systems 1-52679
- Haase, E.L. *see* Bieger, J. 1-42883
- Haase, J. *see* Jaeger, R. 1-20562
- Haase, R., Jansen, H.-J. Diffusion in binary nonelectrolyte solutions 1-7364
- Haasen, P. Solution hardening in f.c.c. metals 1-3761
- Haasen, P., Labusch, R. Precipitation hardening by large volume fractions of ordered particles 1-21461
- Haasen, P. *see* Friedrichs, J. 1-47087
- Haasen, P. *see* Gutmanas, E.Yu. 1-52143
- Haasen, P. *see* Kleintges, M. 1-11758
- Haasen, P. *see* Sinnig, H.-R. 1-48501
- Haasen, P., Gerold, V., Kosterz, G. (editor) Strength of Metals and Alloys. Proceedings of the 5th International Conference 1-5030
- Haasz, V. Digitally controlled inductive dividers and their use for automation of precise measurement of AC electricity quantities 1-28029
- Haavasoja, T. NMR and specific heat measurements in normal and superfluid 3He 1-38610
- Haavisto, J., Pajar, G.A. Resonance effects in low-loss ring waveguides 1-29409
- Haba, P. Analytical studies of the operation of a displacement transducer with magnetic probe 1-40770
- Haba, Z. Some non-markovian Osterwalder-Schrader field 1-5235
- Habashi, M., Landron, C., Mazet, R. On the stability relative to the speed of the deformation in simple traction of various metallic materials of current usage 1-3823
- Habault, D., Filippi, P. Diffraction of a monochromatic cylindrical wave by different modes of ground soils 1-1743
- Habbal, F. *see* Bev, J. 1-47825
- Habbal, F. *see* Dublon, G. 1-30723
- Habbal, F. *see* Greer, A.L. 1-34483
- Habbal, S.R., Withbroe, G.L. Spatial and temporal variations of EUV coronal bright points 1-54460
- Habe, A., Ikeuchi, S. Dynamical behavior of gaseous halo in a disk galaxy 1-54629
- Habe, A. *see* Tomisaka, K. 1-44618
- Haber, B., Kogan, E., Bunnell, K., Duong-van, M., Mozley, R., Odian, A., Villa, F., Wang, L., Casell, R., Panvini, R., Poucher, S., Stone, S., Schalk, T., Barber, W.C. Dimuon production in 15.5-GeV/c $\pi\pi$ interactions and the observation of a low-mass continuum 1-14433
- Haber, B. *see* Eisenberg, Y. 1-10274
- Haber, H.E. *see* Ellis, R.K. 1-590
- Haber, J., Okonska-Kozłowska, I. Electrical conductivity as a method to study kinetics of solid-state reactions 1-35525
- Haber, J. *see* Kozłowski, R. 1-34319
- Haberecht, G. *see* Trumpold, H. 1-23174
- Habery, F., Leckebusch, R., Rosenberg, M., Sahl, K. LPE-grown hexagonal strontium alumino-ferrite films 1-7912
- Habery, F., Leckebusch, R., Rosenberg, M., Sahl, K. Preparation and magnetic properties of single-crystal hexaferrite films 1-30995
- Haberger, K. *see* Ryssel, H. 1-34364
- Haberkorn, R., Selze, H.L., Dietz, W., Lin, S.H., Schlag, E.W. Theory of time-resolved level anticrossing experiment 1-19060
- Haberland, H., Weber, W. Optical interaction potentials from differential cross section measurements at thermal energies. III. $He(2S) + Na$ 1-10780
- Haberland, H. *see* Conrad, H. 1-21315
- Haberland, H. *see* Tully, F.P. 1-29087
- Haberlandt, R. *see* Der, R. 1-31826
- Habermehl, M.A. The Great Artesian Basin, Australia 1-4544
- Habermehl, M.A. *see* Senior, B.R. 1-4147
- Habermeier, H.U., Zais, R. A new set-up for the observation of magnetic structures in uniaxial materials at temperatures above 4.2K [and domain structure in superconductors] 1-40823
- Habersbergerova, A. *see* Bartonicek, B. 1-5897
- Haberstich, A. *see* Dike, R.S. 1-6013
- Haberzettl, H. The four-body problem: effective two-body equations with exact (2+2)-subsystem contributions 1-28341
- Haberzettl, H. *see* Casel, A. 1-28432
- Habetler, G., Fatimi, A., Becker, M. The influence of feedback on the convergence of iterative calculation of power distributions 1-45585
- Habib, N.D. *see* Nagy, M.R. 1-53235
- Habibi-Ashrafi, F. *see* Mednel, J.M. 1-9102
- Habibov, A.M. *see* Ismailzade, I.H. 1-36709
- Habit, P. Potential curves for the ground and excited states of the Na_2^+ system 1-28899
- Habibian, M.H., Landfors, A.A. Heater design for high performance diffusion pumps 1-23250
- Habrovec, F., Skarek, J., Rys, P. Fracture toughness and fracture strain of ultra-high strength steels with the matrix of low carbon martensite and particles of undissolved carbides 1-8421
- Habrovec, F. *see* Gridnev, V.N. 1-48483
- Habs, D. *see* Just, M. 1-50676
- Hachenberg, F., Chiang, H.C., Hufner, J. Pickup in the surface—the origin of deuterons in nuclear precompound reactions 1-18625
- Hachisuka, H. *see* Ohama, Y. 1-43469
- Hacinliyan, A. *see* Barut, A.O. 1-14419
- Hack, M.G., Milne, W.F. Investigation of photo-induced effects in RF-sputtered a-Si 1-42827
- Hackerman, N. *see* Kapusta, S.D. 1-43595
- Hackett, M.J. Mode distribution in an optical fiber waveguide by observation of the far field configuration 1-24543
- Hackley, D.S., Kruse, G.S., Ring, D.S. The ORNL/General Dynamics/Airco design for the DOE 12-tesla magnet program 1-50925
- Hackman, R.H. Seagull terms in the Low equation for π^+H^-NN 1-23687
- Hackney, K.R.H. *see* Kondo, Y. 1-54609
- Hackney, R.L. *see* Kondo, Y. 1-54609
- Hackstein, K., Sotier, S., Luscher, E. Magnetic susceptibility of liquid alloys Na-Sb, Na-Bi, Li-Sb, Li-Bi and Li-Pb [in metal-nonmetal transition range] 1-25875
- Hackwell, G.B. *see* Peachy, C.J. 1-46569
- Hackwell, J.A. *see* Gehrz, R.D. 1-9499
- Hackwood, S., Beni, G., Dautremont-Smith, W.C., Schiavone, L.M., Shay, J.L. Temperature dependence of electrochromic processes in iridium oxide displays 1-39065
- Hackworth, D.T. *see* Singh, S.K. 1-48927
- Hada, H., Kawasaki, M., Fujimoto, H. Minimum size of developable latent image specks and energy levels of small silver specks in photographic emulsions 1-35558
- Hada, K. *see* Kawarada, H. 1-8883
- Hada, T. *see* Hata, T. 1-16683
- Haddad, M.N. *see* Hutchison, C.A., Jr. 1-43854
- Hadani, I., Gur, M., Meiri, A.Z., Fender, D.H. Hyperacuity in the detection of absolute and differential displacements of random dot patterns 1-13246
- Hadari, Z. *see* Goren, S.D. 1-3285, 1-38994
- Hadari, Z. *see* Mintz, M.H. 1-21714, 1-21715
- Haddad, G.N. *see* Elford, M.T. 1-42123
- Haddad, Y.M. Numerical analysis in nonlinear viscoelasticity 1-33906
- Haddon, R.C., Wasserman, S.R., Wudl, F., Williams, G.R.J. Molecular orbital study of sulfur-nitrogen and sulfur-carbon conjugation: mode of bonding in (SN)_n and related compounds 1-45820
- Haddon, R.C. *see* Abrahams, S.C. 1-38526
- Hader, D.-P. *see* Burkart, U. 1-49067
- Hadermann, J. *see* Junker, K. 1-50511
- Hadfield, M.G. *see* Stow, C.D. 1-24856
- Hadjisavvas, S. *see* Huhw, F. *see* Otofuj, Y. 1-40052
- Hadi-Mirzai, M., Russell, K.C. Prediction of void formation susceptibility in irradiated metals 1-11786
- Hadjiagapiou, I.A., Papadopoulos, G.J. Light scattering properties of linear polymers with nearest and next to nearest neighbour interactions 1-10879
- Hadjide metriou, J.D. Stability of periodic planetary-type orbits of the general planar N-body problem 1-44415
- Hadjide metriou, J.D., Michalodimitrak, M. Periodic planetary-type orbits of the general 4-body problem with an application to the satellites of Jupiter 1-36164
- Hadjide metriou, J.D., Michalodimitrak, M. Families of periodic planetary-type orbits in the N-body problem and their application to the solar system 1-40366
- Hadjimichael, E., Saylor, D.P. Constraints on the NN interaction: deductions from $^2H(\gamma,n)p$ 1-23569
- Hadjoannou, F.T. *see* Georgalas, B.C. 1-14301

- Hadjipaniayis, G.**, Cornelison, S.G., Sellmyer, D.J. Magnetic and electronic properties of rare earth-rich metallic glasses 1-25991
- Hadjipaniayis, G.** see Cornelison, S.G. 1-3148
- Hadjipaniayis, G.** see Sellmyer, D.J. 1-3149
- Hadjisavvas, N.** On the 'hidden variables' theory of A. Bach 1-49978
- Hadjisavvas, N.**, Thieffine, F., Mugur-Schachter, M. Study of Piron's system of questions and propositions 1-18058
- Hadjistamov, D.** Growth and relaxation behaviour of disperse systems containing a thixotropic agent 1-33989
- Hadley, J.H., Jr.** ESR and ENDOR of irradiated solids of biological significance 1-26949
- Hadley, M.R.**, Payne, D.N., Mansfield, R.J. Identification of sources of diameter fluctuations in smooth optical fibres by analysis of their spatial power spectrum 1-11207
- Hadnagy, T.D.** see Gordon, R.S. 1-17193
- Hadni, A.** Infrared technology, new trends and applications 1-23307
- Hadni, A.** Infrared imaging systems 1-36738
- Hadni, A.** see Strimer, P. 1-37564
- Hadrich, W.**, Kaiserberger, E., Pfaffenberger, H. Modern dilatometry in industrial R&D and quality assurance 1-40754
- Hadziselimovic, E.A.**, Marinkovic, M.M., Tomic, B.S. Nonconservation of excitons as a mechanism of light-energy capturing 1-52492
- Hae Song Sung** see Sung Hae Song
- Hae-Chang Lee** Study on the effects of aluminum on the structure and hardness of gray cast iron 1-53261
- Hae-ill Bak** see Nak Bae Kim 1-8632
- Hae-ill Bak** see Soon-Mo Hwang 1-46915
- Haeblerle, M.** Sound emission from chemical production plants 1-32065
- Haeblerle, U.** see Post, H. 1-16491
- Haeblerle, U.** see Schajor, W. 1-31050
- Haeblerle, U.** see Tegenfeldt, J. 1-16489
- Haeblerle, W.** see Cadmus, R.R., Jr. 1-18633
- Haeblerle, W.** see Knutson, L.D. 1-28458
- Haeblerle, W.** see Simonius, M. 1-24004
- Haeblerle, W.** see Stephenson, K. 1-28487
- Haefler, R.A.** The application of ionization vacuum gauges to measurements in vacuum chambers provided with cryo-pumping surfaces 1-280
- Haefler, R.A.** Addition theorem for the resistance to flow of composite systems and its relationship with the pumping speed in the region of molecular flow 1-6878
- Haefler, R.A.** Cryogenic vacuum techniques 1-40804
- Haegen, R.** Van der see Van der Haegen, R.
- Haegler, W.** see Messer, D. 1-34295
- Haehner, C.L.** Multiple-creep-test apparatus 1-39560
- Haeblich, R.P.** see Spiller, E. 1-40911
- Haen, P.** see Benoit, A. 1-30898
- Haen, P.** see Ribault, M. 1-3025
- Haendle, J.**, Wolf, H.D. Imaging quality analysis of X-ray systems with the aid of the ROC (Receiver Operating Characteristic) method 1-9005
- Haenlein, M.** see Robbins, D.O. 1-43901
- Haenni, D.R.** see Morek, T. 1-28374
- Haensel, P.** Compressibility of cold catalyzed matter 1-13795
- Haensel, P.**, Proszynski, M. On the neutron star transition to a pion-condensed configuration 1-17864
- Haensel, P.** see Friman, B.L. 1-33229
- Haensel, R.** EXAFS, a tool for structure determination 1-28147
- Haensel, R.** see Rabe, P. 1-31238
- Haenssler, F.**, Jorda, J.L., Muller, J. Pressure effect on the phase limits of Al₅ compounds 1-34475
- Haenssler, F.** see Depmeier, W. 1-25219
- Haerdi, W.** see Bergerioux, C. 1-35973
- Haerendel, G.** Auroral particle acceleration—an example of a universal plasma process 1-36104
- Haertig, J.** see Smigielski, P. 1-15348
- Haese, N.N.**, Woods, R.C. Theoretical molecular structures and electric dipole moments of CCCNH, HCCNC, HCCCNH⁺, NCNC, and NCCNH⁺ 1-24009
- Haesendonck, C.** Van see Van Haesendonck, C.
- Haessler, H.**, Hoang-Trong, P., Schick, R., Schneider, G., Strohbach, K. The September 3, 1978, Swabian Jura earthquake 1-22260
- Haessler, H.** see Lutz, H. 1-52957
- Haessler, C.** see Le Doucen, R. 1-10028
- Haessler, E.N.** SIMS analysis in a conventional scanning electron microscope 1-380
- Haessler, E.N.** Quantitative aspects of ion scattering spectroscopy 1-43234
- Haf, M.** The optical time domain reflectometer for the measurement of the attenuation, mode mixing, coupling losses, etc. in fibre optic cables 1-18287
- Hafele, H.G.** see Richter, W. 1-15200
- Hafele, W.** A global and long-range picture of energy developments 1-26804
- Hafele, W.** World regional energy modelling 1-35614
- Haferkorn, H.**, Pabst, S., Blobel, Ch. Modelling and ray tracing of optical surfaces having errors of fit 1-29219
- Hafez, M.M.** see South, J.C., Jr. 1-15508
- Hafid, L.**, Channusot, G., Gninnivi, L. Very narrow quasi elastic scattering in BaTiO₃ close to the phase transition 1-26220
- Hafid, L.** see Tellier, C.R. 1-7584, 1-25693, 1-30841, 1-47620
- Hafiez, M.S.** Abdel see Abdel Hafiez, M.S.
- Hafizi, B.**, Goldman, M.V. Harmonic emission from adiabatically collapsing Langmuir solitons 1-42167
- Hafner, J.** Why do metallic glasses form? 1-25176
- Hafner, J.**, Gratz, E., Guntherodt, H.J. The electrical resistivity of molten and glassy Mg-Zn alloys 1-30705
- Hafner, U.**, Meul, H.W., Wohlleben, D., Nicholson, K. Magnetostriiction of dilute Tb ions in several metallic matrices 1-21031
- Hafstel, M.I.** see Mathelitsch, L. 1-28324
- Hafstel, M.I.** see Zingl, H.F.K. 1-41044
- Hafitka, R.T.** Techniques for thermal sensitivity analysis 1-29513
- Haga, E.** see Tokita, M. 1-47962
- Haga, H.** see Izutsu, M. 1-33798
- Haga, K.**, Kikuchi, Y., Ohtsubo, A., Hori, M. Fission gas release experiment in a simulated LMFBR subassembly 1-5952
- Haga, K.** see Kellin, G.A. 1-28541
- Haga, K.** see Yamamoto, R. 1-15832
- Hagan, D.E.** see Vastano, A.C. 1-17596
- Hagan, J.T.** see Van Der Zwaag, S. 1-31531
- Hagan, M.G.** see Leopold, M.H. 1-8219
- Hagan, T.O.** A case for terrestrial photogrammetry in deep-mine rock structure studies 1-22522
- Hagberg, E.** see Andersson, G. 1-10367
- Hagberg, E.** see Burq, J.P. 1-23912
- Hagberg, E.** see Ewan, G.T. 1-36929
- Hage, F.EI** see El Hage, F.
- Hage, H.** see Caldwell, C.D. 1-29019
- Hage, H.-J.**, Kadner, S. Generation of two-sided test shocks. II 1-284
- Hage, S.G.** El see El Hage, S.G.
- Hage-Ali, M.**, Scharager, C., Koebel, J.M., Siefert, P. Polarization-free semi-insulating chlorine doped cadmium telluride 1-18966
- Hage-Ali, M.** see Muller, J.C. 1-32031
- Hage-Ali, M.** see Rabin, B. 1-30812
- Hage-Hassan, M.** La methode de la fonction generatrice et son application a l'etude des changements de representation et des developpements en quasi-bosons (The function generator method and its application in the study of representation changes and quasi-boson developments) 1-462
- Hagebo, E.** see Hylten, G. 1-27923
- Hagedorn, K.E.** see Pawelski, O. 1-43406
- Hagedorn, K.E.** see Sinsino, C.M. 1-31584
- Hagedorn, R.**, Montvay, I., Rafelski, J. Thermodynamics of nuclear matter from the statistical bootstrap model 1-18590
- Hagedorn, R.**, Rafelski, J. Hot hadronic matter and nuclear collisions 1-18455
- Hagefstrat, J.** see Walters, R.A. 1-19327
- Hagege, S.**, Nouet, P., Delavignette, P. Grain boundary analysis in TEM. IV. Coincidence and the associated defect structure in tungsten carbide 1-25291
- Hagege, S.**, Vicens, J., Nouet, G., Delavignette, P. Analysis of structure defects in tungsten carbide 1-20222
- Hagel, K.** see Ho, H. 1-14536
- Hagelberg, R.** see Badier, J. 1-10218, 1-10582, 1-14430
- Hagele, G.** see Alagna, L. 1-41432
- Hagelin, J.S.** Phase of ϵ_k and the sign of $\sin \delta$ 1-45215
- Hagemann, H.-J.**, Hero, A., Gonsler, U. The valence change of Fe in BaTiO₃ studied by Mossbauer effect and gravimetry 1-7185
- Hagen, E.W.** Common-mode/common-cause failure: A review 1-37005
- Hagen, K.** see Quang Shen 1-46120
- Hagen, K.** see Steines, O. 1-1404
- Hagen, K.** see Trongmo, O. 1-46122
- Hagen, R.** Collocation methods for the solution of parabolic differential equations 1-5091
- Hagen, W.** see Bauser, E. 1-2456
- Hagen-Thorn, V.A.** OJ 287: polarization and photometric behaviour during 1971-76 1-36388
- Hagenmuller, P.** Crystal-chemical, dielectric and pyroelectric study of the solid solution Na_{1-x}Li_x(Nb_{0.6}Ta_{0.4})O₃ (0.02 ≤ x ≤ 0.20) 1-26132
- Hagenmuller, P.** see Braconnier, J.J. 1-31375
- Hagenmuller, P.** see Chevalier, B. 1-25913
- Hagenmuller, P.** see Darriet, B. 1-43825
- Hagenmuller, P.** see Demazeau, G. 1-7805, 1-34665, 1-35203
- Hagenmuller, P.** see Devallet, M. 1-52113
- Hagenmuller, P.** see Doumer, J.P. 1-12156
- Hagenmuller, P.** see Drache, M. 1-43073
- Hagenmuller, P.** see Levasseur, A. 1-7376
- Hagenmuller, P.** see Matar, S. 1-2965, 1-20448
- Hagenmuller, P.** see Pezat, M. 1-21938
- Hagenmuller, P.** see Sadel, A. 1-31441
- Hagenmuller, P.** see Salmon, R. 1-20148
- Hagenmuller, P.** see Tarascon, J.M. 1-12599, 1-12600
- Hagenmuller, P.** see Tressaud, A. 1-52779
- Hager, E.R.**, Burrell, K.H., Ellis, L.V., Ahlgren, D.R., Gomay, Y. A sample system for time-resolved Tokamak plasma impurity analysis 1-2248
- Hager, J.** see Frenkel, F. 1-33497
- Haggag, Y.** see Bilgen, E. 1-22053
- Haggerty, H.** see Bromberg, C. 1-10266, 1-45364
- Haggerty, J.** see Bebek, C. 1-33191
- Haggerty, J.** see Chadwick, K. 1-33192
- Haggman, B.C.**, Horndeski, G.W., Mess, G. Properties of a covering space defined by Hawking 1-135
- Haggmark, L.G.**, Biersack, J.P. Monte Carlo calculations of light-ion sputtering as a function of the incident angle 1-26337
- Haggmark, L.G.** see Bohdansky, J. 1-25314
- Haggstrom, L.** see Chandara, R. 1-26087
- Haghipour, A.**, Amidi, M. The November 14 to December 25, 1979 Ghaenat earthquakes of northeast Iran and their tectonic implications 1-53992
- Hagi, H.**, Hayashi, Y., Ohtani, N. Creep deformation of electrolytic iron caused by cathodic hydrogen charging 1-31538
- Hagi, Y.** see Wallis, G.B. 1-29758
- Hagihara, T.**, Iwamoto, K., Fukumoto, K., Ayai, N. Chemical reactions and transport processes in lead iodide single crystals 1-2681
- Hagino, M.** see Chinen, K. 1-26389
- Hagino, S.** see Tanaka, H. 1-5983
- Hagiuda, Y.** see Matsunaga, M. 1-39442
- Hagiwara, K.** Gluon bremsstrahlung production of heavy particles in neutrino and antineutrino scattering 1-537
- Hagiwara, K.**, Kim, C.B., Yoshino, T. Hadronic decay rate of ground-state para-quarkonia in quantum chromodynamics 1-40990
- Hagiwara, K.**, Yoshino, T. Angular distribution of Stermann-Weinberg jets 1-45328
- Hagiwara, N.** see Saegusa, T. 1-36683
- Hagiwara, T.**, So-Young Pi, Hung-Sheng Tsao. Regularizations and superconformal anomalies 1-50296
- Hagiwara, Y.** Pseudomagnetic anomaly derived from gravity observations in central Japan 1-44096
- Hagiwara, Z.** see Okamoto, M. 1-31909
- Hagler, A.T.**, Osguthorpe, D.J., Robson, B. Monte Carlo simulation of water behavior around the dipeptide N-acetylalanine-N-methylamide 1-4244
- Hagler, M.O.**, Marks, R.J., Kral, E.L., Walkup, J.F., Krile, T.F. Scanning technique for coherent processors 1-37415
- Hagler, M.O.** see Coleman, P.D. 1-2247
- Hagmann, M.J.**, Chatterjee, I., Gandhi, O.P. Dependence of electromagnetic energy deposition upon angle of incidence for an inhomogeneous block model of man under plane-wave irradiation 1-49062
- Hagmann, M.J.** see Chatterjee, I. 1-26936
- Hagmann, S.**, Armbruster, P., Behnke, H.-H., Liesen, D., Mokler, P.H. Study of the 2p_{1/2} excitation probability in collision systems with Z₁+Z₂>150 using line width analysis 1-19047
- Hagn, E.**, Zech, E. Magnetic moment and electric quadrupole moment of the anomalous ¹⁸⁹Ir ground state 1-18563
- Hagn, E.** see Ernst, H. 1-12081
- Hagn, H.** see Daniel, H. 1-51069
- Hagner, J.** Dependence of the coercivity field strength on the packing density of small particles of hard ferrite powder. I 1-52807
- Hagni, R.D.** Ore microscopic technique in the identification and study of uranium ore minerals 1-36086
- Hagopian, S.** see Hays, P.J. 1-45371
- Hagopian, V.** see Chung, S.U. 1-41006
- Hagston, W.E.**, Holmes, B.J. Matrix methods for spin Hamiltonians of low symmetry 1-7932
- Hagstrom, A.L.** see Ryzhkov, M.V. 1-28873
- Hagstrum, A.L.** see Ryzhkov, M.V. 1-3570
- Hague, C.F.** Partial densities of states in liquid P₁₀₀-Si₃, Cu₁₀₀-Si₃ alloys 1-30612
- Hague, C.F.**, Senemaud, C., Ostrowski, H. Experimental density of states of liquid silicon 1-8162
- Hague, C.F.** see Guntherodt, H.J. 1-25619
- Hague, W.M.** see Delpak, R. 1-19617
- Hahimto, H.** see Iida, O. 1-53512
- Hahn, A.A.** see Boehm, F. 1-18466
- Hahn, A.A.** see Schreckenbach, K. 1-45551
- Hahn, A.A.** see Wang, K.-C. 1-1415
- Hahn, B.** see Dykes, M. 1-45784
- Hahn, D.** see Mshelia, E.D. 1-44782
- Hahn, D.A.** see Moore, H.J. 1-4793
- Hahn, F.**, Jackson, T. Heat storage gauged by solar fractions 1-13186
- Hahn, F.F.** see McClellan, R.O. 1-53832
- Hahn, F.F.** see Mauderly, J.L. 1-43919
- Hahn, F.F.** see Scott, B.R. 1-8915
- Hahn, G.**, Li, G., Marmor, J., Pounds, D. Ultrasound for induction of localized hyperthermia: preclinical and clinical studies 1-53820

- Hahn, G. see Slapa, M. 1-18952
Hahn, H. ISABELLE—a progress report 1-51002
Hahn, H. see Dahl, P.F. 1-45751
Hahn, H.L., Watson, A., Wilson, A.G., Pride, N.B. Influence of bronchomotor tone on airway dimensions and resistance in excised dog lungs 1-26925
Hahn, H.T. see Awerbuch, J. 1-48464
Hahn, J. see Eichmann, R. 1-4552
Hahn, J. see Maruhn, J. 1-14548
Hahn, M.T., Pugh, E.N. The use of load pulsing in the interpretation of transgranular stress-corrosion fracture surfaces in a type 310S stainless steel 1-16959
Hahn, R. see Berger, G. 1-15731
Hahn, U. see Alkkofer, O.C. 1-45773
Hahn, U. see Aubert, J.J. 1-5630
Hahn, Y. Scaling properties of the dielectronic recombination rate 1-24245
Hahn, Y. Asymptotic channel versus composite state descriptions of direct interactions 1-28450
Hahn, Y., Gau, J.N., Luddy, R., Dube, M., Shkolnik, N. Dielectronic recombination rate for the Be-sequence 1-10620
Hahn, Y. see Retter, J.A. 1-41146
Hahn Bong Hee see Bong Hee Hahn
Hahne, E., Bassiouni, M.K. The angle factor for radiative interchange within a constant radius cylindrical enclosure 1-1814
Hahne, E., Fisch, N., Arafa, O. The flat plate solar collector: its steady-state and transient state behaviour 1-17249
Hahne, E.W.P. see Neumann, R.J. 1-29684
Hahne, F.J.W. see Geyer, H.B. 1-18582
Hahne, G.E., Chackerian, C., Jr. Vibration-rotation line shifts for $^2_2\text{F}_2$ (v,J)- ^3_0He computed via close coupling: temperature dependence 1-6365
Hai Guin Chan see Chan Hai Guin
Hai-Chang Hu see Hu Hai-Chang
Hai-fu Fan see Fan Hai-fu
Hai-Lung Dai, Kun, D.A., Moore, C.B. Multiphoton dissociation of ethyl chloride at 3.3 μm : excitation mechanism and rate equations analysis 1-29058
Hai-shou Yang see Yang Hai-shou
Hai-woong Lee, Scully, M.O. A new approach to molecular collisions: statistical quasiclassical method 1-1312
Hai-xing Yan see Yan Hai-xing
Hai-zheng Su see Su Hai-zheng
Haiao Chi-Mei see Chi-Mei Haiao
Haible, W.W. Holocene profile changes along a California coastal stream 1-13493
Haichang Hu see Hu Haichang
Haidei, A. see Kinoshita, M. 1-16116
Haider, R. see Eggert, K. 1-14752
Haider, N.H.S. Integral equation for nuclear power plant reduced-load-operation strategy 1-14640
Haider, A.F.M.Y., Edgar, A. ESR study of transition metal ions in magnesium titanate 1-26021
Haider, B. see Regulla, D.F. 1-6096
Haider, M. see Stannett, V. 1-52425
Haider, Q., Londergan, J.T. Wave function orthogonality in coupled-channel systems 1-36922
Haider, Y. see Edgar, A. 1-3245
Haidermayer, R., Kenner, T., Hinghofer-Szalkay, H. On the influence of temperature on the measurement of density distribution of erythrocytes 1-35895
Haidt, D. Measurement of neutral to charged current ratio in neutrino proton interactions 1-45266
Haidt, D. see Allen, P. 1-36856
Haidt, D. see Bartel, W. 1-18500, 1-45253, 1-45254
Haidt, D. see O'Neill, L.H., Jr. 1-50443
Haiduc, C. Researches regarding the once-through convection process in the PHWR 1-41161
Haig, N.D., Busselle, F.J. Problems associated with segmented windows in optical systems 1-41820
Haigh, R.J. see Chell, G.G. 1-47160
Haigh, R. see Cui, N. 1-25339
Haigh, R.C., Grimes, S.M., Johnson, R.G., Barschall, H.H. Charged-particle emission in reactions of 15-MeV neutrons with ^{89}Y , ^{90}Zr , and $^{92,94,95,96}\text{Mo}$ 1-41112
Haigis, W. see Reuter, R. 1-35843
Haile, J.M., Graben, H.W. On the isenthalpic-isobaric ensemble in classical statistical mechanics 1-158
Haile, J.M., Graben, H.W. Molecular dynamics simulations extended to various ensembles. I. Equilibrium properties in the isenthalpic-isobaric ensemble 1-2299
Haile, J.M., Gray, C.G. Spherical harmonic expansions of the angular pair correlation function in molecular fluids 1-30020
Haimes, R. see Caulfield, H.J. 1-15253, 1-51385
Haimes, Y.Y., Loparo, K.A., Olenik, S.C., Nanda, S.K. Multiojective statistical method for interior drainage systems 1-17633
Haimel, G. see Krautz, E. 1-47302
Haimant, K. see Cheron, G. 1-8886
Haimes, M.G. see Tomimura, A. 1-34073
Haimes, R. see Bogaard, M.P. 1-37215
Haines, W.G., Bube, R.H. Tunneling currents in the copper sulfide/cadmium sulfide heterojunction [solar cells] 1-13120
Haifeld, J.F., Wall, J.S. Atom motion observed at TV scan rates [using high-resolution STEM] 1-15037
Haire, M.J. see Rainey, R.H. 1-23777
Haire, R.G., Young, J.P., Bourges, J.Y. Absorption spectrophotometric and X-ray diffraction studies of NdI₃, NdOI and SmI₃ 1-25235
Haire, R.G. see Huray, P.G. 1-52758
Haire, R.G. see Nave, S.E. 1-20968
Haish, B.M., Linsky, J.L., Harnden, F.R., Jr., Rosner, B., Seward, F.D., Vaiana, G.S. Einstein X-ray observations of Proxima Centauri and the surrounding region 1-49651
Haishen, J. see Wenxiu, C. 1-13327
Haishma, H. see Brenth, R. 1-33840
Haissinski, J. see Courau, A. 1-14440
Haitsma, Y. see Blommesteijn, G.J.F. 1-708
Hajajig, S. see Ball, M.A. 1-52243
Hajdu, F. On the structure of glassy metals II. Semi-empirical mathematical model of the structure of a glassy alloy 1-7088
Hajduk, C., Sauer, P.U., Arenhovel, H., Drechsel, D., Giannini, M.M. On the contribution of the Δ -isobar to the charge form factor of ^3He 1-45415
Hajduk, J.-C. see Kiefer, J.H. 1-37591
Hajduk, J. Monocrystals for research and industry 1-31322
Haji-saeid, S.M. see Wriekat, A. 1-23659
Hajicek, P., Israel, W. What, no black hole evaporation? 1-27549
Hajiev, S.N., Kerimov, K.K., Hajieva, F.S., Ignatyev, V.L. Advances in experimental thermochemistry. II. A modern bomb calorimeter 1-5316
Hajieva, F.S. see Hajiev, S.N. 1-5316
Hajiloo, A. see Sparrow, E.M. 1-37920
Haji, F.Y. Eigenvalues of any parameter in the Schrodinger radial equation 1-23038
Hajil, M.A. see Lai-Fook, S.J. 1-22047
Hajkovicz, L.A. A horizontal structure of random and quasiperiodic scintillations over a wide range of latitudes 1-49445
Hajmarle, K., Capus, J.M. Sintering atmospheres and DC magnetic properties of iron 1-3940
Hajnal, F., Sanna, R.S., Ryan, R.M., Donnelly, H. Stray neutron fields in the containments of PWRs 1-28737
Hajnal, F. see Sanna, R.S. 1-18908
Hakamada, K. Geomagnetic activity at the time of heliospheric current sheet crossings 1-22634
Hakansson, E. see Erlandsson, B. 1-44030
Hakansson, H.-B. see Guet, C. 1-18693
Hake, H. see Maschmeyer, D. 1-26035
Hake, R.R., Karkut, M.G., Aryanejad, S. High-magnetic-field magnetization and magnetoresistance of some amorphous ferromagnets 1-7593
Haken, H., Klenk, H. A new approach to bifurcation theory with numerical applications to convection instabilities in plasmas 1-2192
Haken, H., Klenk, H. Order through instability—an example from plasma physics 1-29855
Haken, H. see Goll, J. 1-11039
Haken, H. see Mayer-Kress, G. 1-50052
Haken, H. (editor) Dynamics of Synergetic Systems. Proceedings of the International Symposium on Synergetics 1-22952
Hakkarainen, T.J., Wanagel, J., Che-Yu Li Direct observations of methane bubbles in a 2-1/4 Cr-1 Mo steel after hydrogen exposure 1-43496
Hakkila, E.A. see Baloga, S.M. 1-18761
Haklik, L., Kovacs, P., Kalman, E. A Faraday cage system developed for the centering rotating sector and for radiation intensity measurements 1-14214
Hakman, S. see Abdrhmanov, E.O. 1-722
Hakura, Y. Activities and future plane of Earth observation by satellites 1-40304
Hakura, Y., Inada, T. MOS and LOS project in Japan [observation satellites] 1-32599
Hakuraku, Y. see Ogushi, T. 1-16396
Hakuta, K., Uehara, H. Laser magnetic resonance for the $v=1-0$ transition of SeO ($X^2\Sigma^+$) by a CO_2 laser 1-46000
Hakuta, K. see Uehara, H. 1-45999
Hala, J. see Pelant, I. 1-43174
Hala, E. see Burgos, E. 1-43107
Halac, G. see Chen, P. 1-44911
Halas, S., Skorzynski, Z. Economical method of on-line data processing for an isotope-ratio mass spectrometer 1-50266
Halbach, C.R. see Haskins, H.J. 1-53581
Halbach, R.E., Battocletti, J.H., Sances, A., Jr., Bowman, R.L., Kudravec, V. Ranging for individual artery flow in the nuclear magnetic resonance flowmeter 1-35877
Halbach, R.E., Battocletti, J.H., Sances, A., Jr., Larson, S.J., Bowman, R.L., Kudravec, V. Blood flow detection using the flat crossed-coil nuclear magnetic resonance flowmeter 1-35854
Halbach, R.E. see Battocletti, J.H. 1-43891
Halbach, R.E. see Salles-Cunha, S.X. 1-35858
Halberstam, I. Some considerations in the evaluation of Seasat-A scatterometer (SASS) measurements 1-17700
Halbert, E.C. Density patterns and energy-angle distributions from a simple cascade scheme for fast $^{20}\text{Ne}+^{238}\text{U}$ collisions 1-41047
Halbert, M.L. see Dayras, R.A. 1-5794
Halbert, M.L. see Geoffroy, K.A. 1-50651
Halbert, M.L. see Sarantides, D.G. 1-45771
Halbert, M.L. see Satchler, G.R. 1-5790
Halbert, T.R. see Kleinberg, R.L. 1-31059
Halbig, H.K. see Lee, D.M. 1-18970
Halbleib, J.A. Improved flash X-ray simulation using the grad-B interaction 1-33083
Halbleib, J.A., Sr., Wright, T.P. Relativistic-electron-beam/target interaction in plasma channels 1-2158
Halbleib, J.A., Sr. see Wright, T.P. 1-2157
Halbousis, C.I., Sofko, G.J., Meek, C.E. Some results on 42 MHz radio auroral fading 1-27335
Halbout, J.M., Sarhangi, A., Tang, C.L. Nonlinear optical properties of N,N' dimethylurea 1-37544
Halbout, J.M., Tang, C.L. Comments on 'high-efficiency high-power UV generation at 218 \AA in 'Urea' 1-46445
Halbritter, J. On residual RF losses and tunnel currents caused by interface states 1-52714
Halbritter, J., Waldmann, L. Thermodynamical theory of boundary conditions for polyatomic gases 1-24919
Halbritter, J. see Grunder, M. 1-16168
Halbritter, J. see Noguchi, S. 1-28756
Halbritter, J. see Philipp, A. 1-52722
Haldane, F.D.M. General relation of correlation exponents and spectral properties of one-dimensional Fermi systems: application to the anisotropic $S=1/2$ Heisenberg chain 1-7850
Haldane, F.D.M. 'Solidification' in a soluble model of bosons on a one-dimensional lattice: the 'boson-Hubbard chain' 1-32900
Haldane, F.D.M. Demonstration of the 'Luttinger liquid' character of Bethe-ansatz-soluble models of 1-D quantum fluids 1-36565
Haldane, F.D.M. see Licciardello, D.C. 1-47575
Halden, F.A. Manufacture of tellurium oxide and lithium niobate single crystals 1-16681
Halder, N.C., Pita, M. Structure analysis of vacuum-deposited Mg thin films 1-7130
Halderson, D., Philpott, R.J. Study of nucleon channel reactions for $A=12$ and $A=16$ systems with the recoil corrected continuum shell model 1-640
Halderson, D., Philpott, R.J. Radiative capture to unbound states via a bremsstrahlung mechanism 1-33265
Haldre, U. see Seeman, V. 1-34939
Haldy, P.-A. see Tran, T.M. 1-18881
Hale, D.P. A tilted plane as a gravitational field model 1-13976
Hale, D.P. A simple apparatus for electrostatic force measurement 1-49917
Hale, K.F., Hockenull, B.S., Christodoulou, G. The application of optical fibres as witness devices for the detection of plastic strain and cracking 1-43633
Halemane, T.R. see Countee, C.R. 1-50546
Halenius, U. see Hehenberger, M. 1-41533
Hales, A.L., Maki-Lopez, M.L. P travel-times from Nevada Test Site explosions and the determination of average global P travel-times 1-9106
Hales, A.L., Muirhead, K.J. The ratio of the travel times for S and P at distances less than 10° 1-22232
Hales, A.L., Muirhead, K.J., Rynn, J.M.W. Crust and upper mantle shear velocities from controlled sources 1-27078
Hales, A.L. see Muirhead, K.J. 1-32407
Hales, J.W., Lawrence, L.A. Performance of commercially produced mixed-oxide fuels in EBR-II 1-45612
Hales, R., Bolton, C.J. Diffusion accompanied by chemical reaction of the diffusing species 1-47279
Halevi, P. The optics of metals: an introduction 1-8028
Halevi, P. Plane electromagnetic waves in material media: are they transverse waves? 1-9804
Halevi, P. Magnetoplasma polaritons at the interface between a semiconductor and a metallic screen. II. The Faraday geometry 1-52634
Halevi, P., Mendoza-Henandez, A. Temporal and spatial behavior of electromagnetic fields in dissipative or conductive media 1-41541
Halevi, P. see Yi, K.S. 1-34732
Haley, L.V. see Dalal, N.S. 1-2615
Haley, L.V. see Mukherjee, S. 1-43132
Halford, W.D., McIntosh, C.B.G., Van Leeuwen, E.H. Curvature collineations of non-expanding and twist-free vacuum type-N metrics in general relativity 1-5194
Halg, W., Pritzker, A. Concerning the ignition of LiD fusion by means of fission induced shock waves 1-887
Halg, W. see Schefer, J. 1-20124
Halgedahl, S., Fuller, M. Magnetic domain observations of nucleation processes in fine particles of intermediate titanomagnetite 1-17589

- Halicioglu, T.**, White, P.J. Effect of three-body interactions on the structure of small clusters 1-7095
- Halim, F.M.** Abdel see Abdel Halim, F.M.
- Halim Demirci, A.** see Krause, H. 1-12891
- Hall, A.J.**, Fleming, J.E.E. A coded cephalometer for interactive multiple measurements of biparietal diameter 1-8939
- Hall, A.J.** see Thorpe, S.A. 1-40149
- Hall, B.O.** see Chen, P.C. 1-7137
- Hall, B.** Okray see Okray Hall, B.
- Hall, C.A.** see Porsching, T.A. 1-10423
- Hall, C.K.** Scaling theories for polymers with general interactions 1-38230
- Hall, C.K.**, Futran, M. Statistical theory of the phase change behavior of metal-hydrogen systems 1-20354
- Hall, D.**, Headford, E.L. An analysis of the molecular packing of maleic hydrazide 1-20111
- Hall, D.**, Lyons, P.J. An appraisal of the applicability to molecular packing analysis of some global minimisation techniques 1-20107
- Hall, D.**, Wood, M.C. Prediction of the crystal structure of a cyclic tetrapeptide 1-47073
- Hall, D.** see Heitner-Wirgin, C. 1-53469
- Hall, D.D.** see Walls, J.M. 1-21824
- Hall, D.G.** Thermodynamic approach to the interpretation of electrokinetic data near the isoelectric point 1-48698
- Hall, D.G.**, Smith, R.J., Rice, R.R. Pump-size effects in Nd:YAG lasers 1-1571
- Hall, D.O.** Energy from biomass-solar energy through biology 1-39834
- Hall, D.R.** Waveguide lasers 1-29303
- Hall, E.J.** see Hariadiadis, L. 1-21987
- Hall, E.J.** see Kellerer, A.M. 1-44025
- Hall, E.L.**, Hwang, J.J., Sadjadi, F.A. Computer image processing and recognition 1-29225
- Hall, E.L.** see Hwang, J.J. 1-53895
- Hall, E.L.** see Sadjadi, F.A. 1-51891
- Hall, E.L.** see Sadjadi, F.A. 1-10934
- Hall, F.L.**, Taylor, S.M., Birnie, S.E. Spatial patterns in community response to aircraft noise associated with non-noise factors 1-13206
- Hall, F.L.** see Birnie, S.E. 1-32068
- Hall, F.L.** see Taylor, S.M. 1-1788
- Hall, G.E.** see Sala, K.L. 1-1607
- Hall, H.P.** A digital impedance comparator with high resolution 1-36682
- Hall, I.** see Cartwright, C.M. 1-23586
- Hall, I.W.**, Livni, T., Ganin, E., Rosen, A. Enhanced plasticity in commercially pure titanium 1-16861
- Hall, J.** Solving tough flow monitoring problems 1-2105
- Hall, J.** Applying temperature sensors 1-18224
- Hall, J.L.** see Baer, T. 1-6569
- Hall, J.M.** see Rice, P.D. 1-44099
- Hall, J.T.** see Kirtley, J. 1-2816
- Hall, J.T.** see Pierluissi, J.H. 1-4619
- Hall, J.W.**, III, Peters, R.W. Pitch for nonsimultaneous successive harmonics in quiet and noise 1-49006
- Hall, J.W.**, III see McClurkin, R.H. 1-49009
- Hall, L.** Grand unification of effective gauge theories 1-50356
- Hall, L.D.**, Sukumar, S. A versatile strategy for the generalized acquisition of proton spin-echo data: measurement of partially relaxed two-dimensional spectra 1-18270
- Hall, M.A.** see Milligan, W.O. 1-30157
- Hall, N.F.T.** see Goldberg, S.M. 1-8187
- Hall, N.F.T.** see Kono, S. 1-39214
- Hall, N.R.V.** see Tracey, V.A. 1-31467
- Hall, P.**, Semnara, G. Nonlinear oscillations of non-spherical cavitation bubbles in acoustic fields 1-29741
- Hall, P.G.**, Almeida, J.B., Sheppard, C.J.R. Metal coating of optical fibres 1-15296
- Hall, P.G.**, Pidduck, A., Wright, C.J. Inelastic neutron scattering by water adsorbed on silica 1-47371
- Hall, R.B.** see Holmes, B.S. 1-34094
- Hall, R.B.** see Horsley, J.A. 1-10794
- Hall, R.E.** A note on a semicircle theorem 1-54102
- Hall, R.E.** see Samanta, P. 1-41212
- Hall, R.I.** see Belic, D.S. 1-29127, 1-33569
- Hall, R.J.** Pressure-broadened linewidths for N_2 coherent anti-stokes Raman spectroscopy thermometry 1-14115
- Hall, R.J.**, Verdieck, J.F., Eckbreth, A.C. Pressure-induced narrowing of the CARS spectrum of N_2 1-19105
- Hall, R.L.** Energy trajectories for the N-boson problem by the method of potential envelopes 1-14365
- Hall, R.M.** see Hayes, G. 1-28741
- Hall, R.O.A.**, Lee, J.A., Mortimer, M.J., McElroy, D.L., Muller, W., Spirlet, J.-C. Thermodynamic functions of americium metal 1-30415
- Hall, S.R.**, Stewart, J.M., Munn, R.J. XTAL: new concepts in program system design 1-15744
- Hall, T.A.** see Lewis, C.L.S. 1-29915
- Hall, T.J.**, Fiddy, M.A., Ner, M.S. Detector for an optical-fiber acoustic sensor using dynamic holographic interferometry 1-11109
- Hall, T.J.** see Burge, R.E. 1-41777
- Hall, T.M.** A demonstrated system for occupational exposure management 1-18917
- Hall, W.S.**, Stedry, M. The Rayleigh and Van der Pol wave equations extensions and generalizations 1-32852
- Hallais, J.** see Valladon, M. 1-31937
- Hallais, J.P.** see Hollan, L. 1-39241
- Halle, J.C.**, Lo, H.H., Fite, W.L. Associative ionization of uranium atoms and oxygen molecules 1-35518
- Haller, E.**, Cederbaum, L.S., Domcke, W. The $E\oplus(e+\pi)$ Jahn-Teller effect 1-37133
- Haller, E.** see Cederbaum, L.S. 1-7569
- Haller, E.** see Koppel, H. 1-19041
- Haller, E.E.**, Hansen, W.L., Goulding, F.S. Physics of ultra-pure germanium 1-52518
- Haller, E.E.** see Greenstein, M. 1-12579
- Haller, E.E.** see Joos, B. 1-2912
- Haller, E.E.** see Watson, D.M. 1-9629, 1-22893
- Haller, G.L.** see Thakur, S.C. 1-2069
- Haller, H.E.** see Singh, S.K. 1-48929
- Haller, I.** Ionic species in a silane plasma 1-2232
- Haller, I.** see Spiller, E. 1-6689
- Haller, M.** see Balz, R. 1-16490
- Halliez, H.C.** see Nejib, U.R. 1-17174
- Hallgren, A.** see Cockrell, D. 1-14742
- Hallgren, B.** see Calvetti, M. 1-14778
- Halliburton, L.E.**, Kappers, L.A., Armington, A.F., Larkin, J. Radiation effects in berillite 1-15933
- Halliburton, L.E.** see Martin, J.J. 1-16098
- Halliday, A.M.** see Shibasaki, H. 1-17409, 1-49018
- Halliday, A.N.** see Clarke, D.B. 1-22279
- Halliday, E.** see Shibasaki, H. 1-17409, 1-49018
- Halliday, I.G.** see Gendron, S. 1-23489
- Hallifax, A.A.** Physical protection of SNM in the United Kingdom 1-14594
- Hallikainen, M.** Dielectric properties and passive remote sensing of low-salinity sea ice at UHF frequencies 1-54089
- Hallin, R.** see Bashkin, I. 1-45882
- Hallinan, T.J.** see Wescott, E.M. 1-40251
- Halliwell, C.** Low transverse momentum hadron-nucleus interactions at high-energy 1-45346
- Halliwell, M.J.** A compilation and probable error recalibration of old, neglected parallaxes 1-40461
- Halliwell, M.J.** Research priorities for nearby stars. I 1-49621
- Halliwell, M.J.** Research priorities for nearby stars. II 1-49622
- Hallock, R.B.** see Ewen, D.A. 1-50293
- Halloran, J.W.** see Meyers, C.E. 1-39325
- Halman, M.** see Aurian-Blajeni, B. 1-8695
- Halmos, F.** Geoid determination on the basis of satellite observations 1-13375
- Halmshaw, R.** The present state and future of industrial radiology 1-31777
- Halman, W.K.** see Eppinger, E.V. 1-31761
- Halperin, A.** see Vermulen, L.A. 1-42816
- Halperin, B.I.** Theory of melting in two-dimensions 1-7412
- Halperin, B.I.** see Coppersmith, S.N. 1-42634
- Halperin, B.I.** see Hohenberg, P.C. 1-11933
- Halperin, B.I.** see Ostlund, S. 1-34458
- Halperin, B.I.** see Zippelius, A. 1-11848
- Halperin, J.** see Garg, J.B. 1-45483
- Halperin, W.P.** see Calder, I.D. 1-20498
- Halpern, A.M.**, Franco, V. Approximate eikonal exchange amplitudes 1-51297
- Halpern, A.M.**, Wryzkowska, K. Reversible intermolecular energy transfer between saturated amines and benzene in non-polar solution 1-29098
- Halpern, A.M.** see Jones, G. II 1-31872
- Halpern, D.** A Pacific equatorial temperature section from 172°E to 110°W during winter and spring 1979 1-54098
- Halpern, D.** Variability of near-surface currents in the Atlantic North Equatorial Countercurrent during GATE 1-54119
- Halpern, D.** see Bryden, H.L. 1-27175
- Halpern, G.M.** Microfabrication and microcharacterization techniques for laser fusion targets 1-5992
- Halpern, J.P.**, Grindlay, J.E. X-ray photoionized nebulae 1-49760
- Halpern, J.P.** see Chlebowski, T. 1-9736
- Halpern, L.** Gauge formalism of the Lie algebra extended to a gauge theory of higher order equivalent to group space gauging 1-5459
- Halpern, M.** see Kaplan, E. 1-36476
- Halpern, M.B.** Large N saddle formulation of quadratic building block theories 1-426
- Halpern, V.**, Shtrikman, S. Comparison of the theoretical performance of regenerative refrigerators in the adiabatic and isothermal regimes 1-44924
- Halpin, J.C.** see Caprino, G. 1-8407
- Halsall, M.J.** see Gibson, I.H. 1-33289
- Halsey, G.W.** see Fox, K. 1-14865
- Halstead, M.B.** see Henderson, S.T. 1-51584
- Halstead, T.K.** see Jones, T.C. 1-3280
- Halsteinslid, A.** see Erriquo, O. 1-23490
- Halvorson, R.D.** see Huff, H.R. 1-34772
- Halzen, F.**, Dechantreiter, M., Scott, D.M. Structure of direct-photon events 1-10269
- Halzen, F.** see Gaisser, T.K. 1-50465
- Halzen, F.** see Goebel, C. 1-33159
- Ham, F.S.** see Thomchick, J. 1-39150
- Ham, T.E.**, Chia-Ren Hu Current-driven textural transition in a $^3\text{He-A}$ slab near T_c . Numerical extension beyond threshold 1-2742
- Ham, W.T.**, Jr., Ruffolo, J.J., Jr., Mueller, A., Guerry, P., III The nature of retinal radiation damage: dependence on wavelength, power level and exposure time 1-35818
- Ham Ok Hang** see Hang Ham Ok
- Hama, F.R.**, Williams, D.R., Fasel, H. Flow field and energy balance according to the spatial linear stability theory of the Blasius boundary layer 1-37892
- Hama, S.**, Milton, K., Nandi, S., Tanaka, K. Neutrino mixing in $\text{SO}(10)$ 1-18417
- Hama, Y.** A note on Lorentz transformation and pseudo-rapidity distributions 1-36831
- Hama, Y.**, Kimura, Y., Tsumura, M., Omi, N. Studies on the recombination of cation-electron pairs by long-range tunneling, as studied by ITL measurement in irradiated polymers 1-31206
- Hamabata, H.** see Namikawa, T. 1-42165
- Hamabe, M.**, Kodaira, K., Okamura, S., Takase, B. Surface photometry of edge-on galaxies. II. NGC 4565 1-54631
- Hamacher, K.** see Altkofer, O.C. 1-45773
- Hamacher, K.** see Aubert, J.J. 1-5630
- Hamada, F.** see Fujisawa, K. 1-42288
- Hamada, F.** see Shiomi, T. 1-26765
- Hamada, H.**, Morokawa, H., Hirai, H. Fabrication of ferro electric PbTiO_3 thin films by RF sputtering 1-35176
- Hamada, H.** see Morikawa, Y. 1-6440
- Hamada, K.**, Morishita, H. The Raman and infrared spectra and the structures of dimethyl dichalcogenides 1-6268
- Hamada, N.** Calculation of a local-environment effect on the atomic magnetic moment in ferromagnetic Ni-Cu alloys 1-38916
- Hamada, T.** Theory of Thomson scattering in a strong magnetic field. IV 1-4765
- Hamada, T.** Radiation protection regulations in various countries 1-5075
- Hamada, T.**, Yamakawa, K., Fujita, F.E. Superconductivity of vacuum-deposited bismuth films 1-47776
- Hamada, T.** see Takahashi, T. 1-21269
- Hamada, Y.** A method for solving a stochastic differential equation. An application of the kinetic Ising model with the external noise 1-32913
- Hamada, Y.**, Tsuboi, M. High-resolution infrared spectrum of chlorine dioxide: the ν_1 fundamental band 1-24137
- Hamada, Y.** see Cho, T. 1-34096
- Hamada, Y.** see Nakamura, M. 1-38089
- Hamada, Y.** see Saito, T. 1-19971
- Hamagaki, H.** see Shibata, T.A. 1-37040
- Hamagaki, M.** see Hara, T. 1-11541
- Hamaguchi, C.** Processing of semiconductor specimens. Slicing, polishing and soldering 1-32969
- Hamaguchi, C.**, Wasa, K., Yamawaki, M. Brillouin and Raman scattering in layer semiconductors GaS and GaSe 1-16577
- Hamaguchi, C.** see Itoh, Y. 1-16576
- Hamaguchi, C.** see Shimomae, K. 1-7642
- Hamaguchi, H.**, Morita, Y. Second-order autoregressive representation of short-period seismic waves 1-54287
- Hamajima, K.**, Soyano, T. Optimum exposure and development times for Kodak spectroscopic plates 1-10046
- Hamakawa, Y.** see Doi, T. 1-3494
- Hamakawa, Y.** see Nakayama, H. 1-26256, 1-48146
- Hamakawa, Y.** see Nitta, Y. 1-8711
- Hamakawa, Y.** see Onishi, K.-I. 1-8118
- Hamakawa, Y.** see Okamoto, H. 1-53614
- Hamakawa, Y.** see Okuyama, M. 1-13172
- Hamakawa, Y.** see Takakura, H. 1-4187
- Hamakawa, Y.** see Yamazoe, Y. 1-13125, 1-47557, 1-48053
- Hamakawa, Y.** see Yasutake, K. 1-26255
- Hamaker, H.C.**, MacKay, H.B., Woolf, L.D., Maple, M.B., Odoni, W., Ott, H.R. Coexistence of superconductivity and long-range magnetic order in TiRh_2B_2 1-30867
- Hamaker, H.C.** see Maple, M.B. 1-25844
- Hamal, K.**, Jelinkova, H. Pulse extraction mode technique 1-15197
- Hamalainen, R.M.K.** see Jaaskelainen, T. 1-1524
- Hamamoto, I.**, Lichtenstadt, J., Bertsch, G.F. Reduction of magnetic and transverse electric scattering amplitudes in ^{207}Pb by core polarization 1-14456
- Hamamoto, J.** see Almberger, J. 1-624
- Hamamoto, M.**, Muraoka, K., Akazaki, M. Simultaneous recording of two-wavelength interferometer outputs of an atmospheric impulse breakdown process 1-42230
- Hamamoto, M.** see Akazaki, M. 1-15739
- Hamamoto, S.** Nonlinear realization of affine group on superspace 1-32895
- Hamamura, T.** see Tamura, T. 1-38650
- Haman, K.E.**, Niewiadomski, M. Cold downdrafts in cumulonimbus clouds 1-54222
- Hamanaka, H.** see Tanaka, K. 1-42314
- Hamanaka, K.** see Shimamura, N. 1-17333

- Hamanaka, S. *see* Shizuma, K. 1-8153
- Hamann, C. Evaluation of current-voltage characteristics in the presence of trapping centres with distributed energies 1-7170
- Hamann, C. A first-principles model of energetical trap distributions in solids. II. The finite defect chain of uniform curvature 1-16254
- Hamann, C. *see* Kurik, M.V. 1-21225
- Hamann, C. *see* Reinhardt, C. 1-20711
- Hamann, D.R. *see* Feibelman, P.J. 1-3038
- Hamann, D.R. *see* Safran, S.A. 1-38701
- Hamann, H., Reininghaus, J., Richter, H. Nuclear magnetic resonance and electrical conductivity measurements of diffusion and disorder in LiBr 1-30467
- Hamann, H.-J. *see* Ziegler, R. 1-26751
- Hamann, W.-R. Line formation in expanding atmospheres on the validity of the Sobolev approximation 1-40464
- Hamano, K., Ikeda, Y., Fujimoto, T., Ema, K., Hirotsu, S. Critical phenomena and anomalous thermal hysteresis accompanying the normal-incommensurate-commensurate phase transitions in Rb_2ZnCl_4 1-39046
- Hamano, K., Ohta, S., Ozaki, Y. Effects of rare earth oxides on sintering of alumina 1-12706
- Hamano, K. *see* Hirotsu, S. 1-20319
- Hamano, K. *see* Kamizono, H. 1-43385
- Hamano, K. *see* Kanzaki, S. 1-26485
- Hamano, K. *see* Ohta, S. 1-43305
- Hamano, M. *see* Azechi, H. 1-38142
- Hamano, T. *see* Sugano, T. 1-7480
- Hamano, Y. An experiment on the post-depositional remanent magnetization in artificial and natural sediments 1-22194
- Hamar, R., Tassoni, D., Riquet, J.P., Durand, F. Morphology of the intermetallic compound Al_2Cu 1-52106
- Hamar-Thibault, S. *see* Durand-Charre, M. 1-31453
- Hamasaki, K. *see* Enpuku, K. 1-7776, 1-42911
- Hamasaki, M., Shi-Chien Lin The effect of dispersion and spheroidization treatment of $\delta\text{-ZrH}_2$ on creep and corrosion resistance of Zircaloy 1-5848
- Hamasaki, T., Kurata, H., Hirose, M., Osaka, Y. A new technique of boron doping in Si:H films 1-42406
- Hamasaki, T., Kurata, H., Hirose, M., Osaka, Y. Low-temperature crystallization of doped a-Si:H alloys 1-47393
- Hamasaki, T. *see* Mishima, Y. 1-47401
- Hamasaki, T. *see* Taniguchi, M. 1-34130
- Hamashima, K. *see* Miura, S. 1-8332, 1-8366
- Hamatsu, R. *see* Fukunaga, C. 1-5655
- Hamaya, N. *see* Akimoto, S. 1-30384
- Hambeke, J.B. *see* Weng W. Chow 1-1614
- Hamberg, G. *see* Ajayi, G.O. 1-13636
- Hamberg, K., Karlsson, B. Crack propagation in coarse two-phase steels 1-31659
- Hambien, W.R. *see* Barger, J.E. 1-11279
- Hambleton-Jones, B.B., Smit, M.C.B. ROAC—a new dimension in radon prospecting 1-9292
- Hamblin, M. *see* Sproston, J.L. 1-8699
- Hambourger, P.D. *see* Harrison, D.W. 1-42881
- Hambray, M.J. *see* Swift, K. 1-27162
- Hamdi, H., Deneuville, A., Bruyere, J.C. Effect of substrate temperature and deposition rate on the photoconductivity of sputtered a-Si:H 1-3012
- Hamdi, H., Valette, S. ZnTe extrinsic photodetector for visible integrated optics 1-6685
- Hamdy, A. *see* Lataillade, J.-L. 1-43420
- Hammed, S., Cess, R.D., Hogan, J.S. Response of the global climate to changes in atmospheric chemical composition due to fossil fuel burning 1-44290
- Hameka, H.F. *see* Zamani-Khamiri, O. 1-33400
- Hamel, A. *see* Bourges, R. 1-12845
- Hamel, B. *see* Fougere, J.R. 1-22147
- Hamel, B.B. *see* Brook, J.W. 1-45716
- Hamel, B.B. *see* Hedman, B.A. 1-17181
- Hamel-Hans, D. *see* Clausen, C.-P. 1-27046
- Hamelin, J. *see* Aymar, R. 1-46909
- Hamer, C.J., Barber, M.N. Finite-lattice methods in quantum Hamiltonian field theory. I. The Ising model 1-27891
- Hamer, C.J., Barber, M.N. Finite-lattice methods in quantum Hamiltonian field theory. I. O(2) and O(3) Heisenberg models 1-27892
- Hamer, C.J., Kogut, J.B. Weak-coupling series and the critical indices of Z_p spin systems in two dimensions 1-7859
- Hamer, C.J. *see* Crewe, D.P. 1-5482
- Hamersky, M., Navratil, V., Startsev, V.I. Creep of cadmium single crystals in the temperature interval 1.5K-393K 1-43412
- Hamersky, M. *see* Novak, M. 1-53230
- Hamersky, M. *see* Stejskalova, V. 1-43415
- Hamery, J.M., Bonazzola, S., Heyvaerts, J. Stability of accretion column flows 1-17819
- Hamid, A. *see* Giesbrecht, F.G. 1-50222
- Hamiel, A.E. *see* Martin, J.J. 1-22452
- Hamill, J.J. *see* Peterson, R.J. 1-23543
- Hamill, W.H. Temperature dependence of dispersive hopping in recombination of charge pairs in disordered solids 1-42564
- Hamill, W.H. Electron transport-related phenomena in organic glasses 1-52615
- Hamilton, C., Poland, D. Activity series for BET-like multilayer adsorption with interparticle interaction 1-42626
- Hamilton, C.A. *see* Sullivan, D.B. 1-36600
- Hamilton, C.H., Ghosh, A.K. Determination of strain rate sensitivity index in superplastic Ti-6Al-4V 1-8393
- Hamilton, C.H. *see* Froes, F.H. 1-48513
- Hamilton, C.H. *see* Ghosh, A.K. 1-21560, 1-26564
- Hamilton, D.C., Gloeckler, G., Krimigis, S.M., Bostrom, C.O., Armstrong, T.P., Axford, W.L., Fan, C.Y., Lanzerotti, L.J., Hunten, D.M. Detection of energetic hydrogen molecules in Jupiter's magnetosphere by Voyager 2: evidence for an ionospheric plasma source 1-17783
- Hamilton, D.I. *see* Gentile, C.R. 1-53931
- Hamilton, D.K. Contrast control in the scanning optical microscope 1-50201
- Hamilton, D.K. Measurements of dipole domains in indium phosphide using a new point-contact probe 1-52570
- Hamilton, E. *see* Duncan, J.L. 1-51075
- Hamilton, E.L. Geoaoustic modeling of the sea floor 1-15307
- Hamilton, G.D. NOAA Data Buoy Office programs 1-44304
- Hamilton, G.W. *see* Williams, D.L. 1-22115
- Hamilton, J.C., Jach, T. Structural phase transitions in nickel at the Curie temperature 1-52774
- Hamilton, J.D. The rotation and precession of relativistic reference frames 1-49998
- Hamilton, J.E. *see* Fritzsche, J.L. 1-41402
- Hamilton, J.H. *see* de Lima, A.P. 1-41033
- Hamilton, J.H. *see* Nettles, W.G. 1-10354
- Hamilton, J.H. *see* Pekar, L.K. 1-14450
- Hamilton, J.H. *see* Piercey, R.B. 1-41030
- Hamilton, J.M., Jr. *see* Bailey, C.D. 1-4021
- Hamilton, K. *see* Waddell, P. 1-41872
- Hamilton, L.D. Comparative risks from different energy systems: evolution of the methods of studies 1-26824
- Hamilton, R.C., Stern, F. A summary of recent Zircaloy fretting wear tests at Westinghouse Canada Limited 1-31687
- Hamilton, R.M. *see* Zoback, M.D. 1-35959
- Hamilton, T.D.S. *see* Philips, J. 1-41388
- Hamilton, W.D. *see* Jung, G. 1-36904
- Hamilton, W.O. *see* Oelfke, W.C. 1-50117
- Hamisch, H. *see* Boersch, H. 1-49970
- Hamiuddin, M., Upadhyaya, G.S. Effect of transition metal carbides master alloy MCM on sintering of iron and iron-phosphorus powder premix 1-3665
- Hamiuddin, M., Upadhyaya, G.S. Effect of molybdenum on sintering of iron and iron-phosphorus premix 1-39273
- Hamm, J.L., Kearns, D.L. Utilization of fluidized bed combustion in energy recovery from solid wastes 1-39728
- Hamm, M. *see* Preadom, B.M. 1-45540
- Hammad, F.H. *see* Abdelrazek, I.D. 1-17293
- Hammar, O. *see* Fredriksson, H. 1-12770
- Hammarstrand, K. *see* Monette, P. 1-31920
- Hammarstrom, R., Kristensen, P., Lorenzi, R., Matthiae, G., Michelini, A., Runolfsson, O., Timmermans, J., Uldry, M. Large multiwire proportional chambers for experiment NA3 at the CERN SPS 1-14739
- Hammarstrom, R., Runolfsson, O., Uldry, M. Multitube proportional chambers for high counting rates 1-14746
- Hammarstrom, R. *see* Badier, J. 1-10582
- Hammeke, K. *see* Savvidis, E. 1-39838
- Hammel, C. *see* Yurke, B. 1-6190
- Hammel, E. Relativistic corrections of three-nucleon wave functions and muon capture in ^3He 1-14501
- Hammel, E., Schaden, M. A three dimensional reduction of the three particle Bethe-Salpeter equation generates three body forces 1-28205
- Hammel, E.F. Helium: its past, present, and future 1-44757
- Hammel, G. *see* Kleinschmidt, M. 1-28337
- Hammen, M. *see* Leicht, R. 1-37053
- Hammer, C.E., Jr., Au, W.W.L. Porpoise echo-recognition: An analysis of controlling target characteristics 1-11271
- Hammer, C.U., Clausen, H.B., Dansgaard, W. Greenland ice sheet evidence of post-glacial volcanism and its climatic impact 1-22305
- Hammer, D.A. *see* Dreike, P.L. 1-42198
- Hammer, D.A. *see* Kostrow, V.O. 1-909
- Hammer, J.W. *see* Wiescher, M. 1-18617
- Hammer, R.O. *see* Jones, M. 1-36061
- Hammer, W. *see* Odomari, I. 1-7734
- Hammer, W.N. *see* Spiller, E. 1-6689
- Hammerli, M. Heavy water as a valuable by-product of electrolytic hydrogen 1-8770
- Hammerli, M., LeRoy, R.L., Butler, J.P., Denovan, A.S. Heavy water recovery from combined electrolytic and non-electrolytic hydrogen streams 1-43670
- Hammerling, P. *see* Golden, K.I. 1-19911
- Hammerling, P. *see* Jorna, S. 1-28701
- Hammerling, P. *see* Leonard, T.A. 1-42175
- Hammersley, J.M., Welsh, D.J.A. Percolation theory and its ramifications 1-18162
- Hammersley, R.E. *see* Gold, E. 1-9640
- Hammes, G.G. *see* Dewey, T.G. 1-26881
- Hammock, M.K. *see* Williams, P.C. 1-13365
- Hammond, D.C., Jr. Deconvolution technique for line-of-sight scattering measurements in axisymmetric sprays 1-41577
- Hammond, P.R. Comparison of experimental and theoretical excited-state spectra for rhodamine 6G 1-19329
- Hammond, P.R., Nelson, R. Radiation trapping in a laser dye medium, rhodamine 6G in alcohol 1-19330
- Hammond, R.H. *see* Feldman, R.D. 1-53091
- Hammond, R.H. *see* Orlando, T.P. 1-47822
- Hammond, T. *see* Walsh, P. 1-38195
- Hammouda, M.M., Miller, K.J. Prediction of fatigue lifetime of notched members 1-1882
- Hamnett, A. *see* England, W.A. 1-7380
- Hamnett, A. *see* Goodenough, J.B. 1-39809
- Hamori, I., Farkas, E., Kozma, L. Study on intramolecular transition of organic dye solutions 1-10767
- Hamoud, H.S. *see* Al-Farkh, Y. 1-53332
- Hampel, R. *see* Ackermann, G. 1-5843
- Hampson, N.A., Peters, K., Casson, P. The influence of the solid/porous electrode interface on the behaviour of porous lead dioxide electrodes 1-53576
- Hampson, N.A. *see* Asher, J.M. 1-39761
- Hampson, N.A. *see* Asher, M. 1-17192
- Hampson, N.A. *see* Karunathilaka, S.A.G.R. 1-13115, 1-35636
- Hampson, N.A. *see* Lazarides, C. 1-53577
- Hampson, P.G. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Hampton, A.F. *see* Elliott, P. 1-3983
- Hampton, H.L. *see* Lind, M.A. 1-1662
- Hampton, T.E. *see* Stuebing, L.R. 1-929
- Hamuro, K., Aramaki, S., Kagami, H., Fujioka, K. The Higashi-Izu-oki submarine volcanoes. I 1-44158
- Han, A., Touzain, P., Riekel, C. A kinetic neutron diffraction study on the intercalation of deuterobenzene into KC_{24} 1-39619
- Han, A. *see* Ravaine, D. 1-39001
- Han, A.A., Fouda, I.M., El-Farhaty, K.A., Badawy, Y.K.M. Optical properties of polypropylene fibres 1-35000
- Hanza, A.A., Fouda, I.M., Hashish, A.H. A comparative study of three methods used for the measurement of refractive indices and birefringence of polymer fibres 1-33039
- Hamza, S.S. *see* Gobran, N.K. 1-26473
- Hamzah, H., Kuhn, A.T. Corrosion of lead dioxide in titanium composite anodes 1-39478
- Hamzaoglu, E. *see* Sabbadin, F. 1-49767
- Hamzaoui, S., Labrune, M., Puchalska, I.B., Sella, C. Influence of oblique incidence anisotropy on domain structures in GdCo_3 sputtered amorphous films 1-34913
- Hamzic, A., Babic, E., Marohnic, Z. Magnetoresistance of Fe-Ni amorphous alloys 1-25705
- Hamzic, A., Campbell, I.A. The ferromagnetic to spin glass transition 1-30940
- Hamzic, A. *see* Fert, A. 1-34687
- Han, D., Kim, Y.S. Yukawa's approach and Dirac's approach to relativistic quantum mechanics. Relativistic harmonic oscillator model 1-45127
- Han, D. *see* Zelac, R. 1-9068
- Han, J.C., Wen-Jei Yang Thermal instability in liquid droplets on a heated surface 1-37933
- Han, K.S. IR signal processing under zodiacal light background 1-40356
- Han, K.S. *see* Truss, R.W. 1-48320
- Han, L.S. *see* Kiehl, R.E. 1-6820
- Han, M.K., Anderson, W.A., Lahri, R. Current collection mechanisms in p-n junction a-Si:H solar cells using spectral response analysis 1-43783
- Han Chan Soo *see* Chan Soo Han
- Han Fu-sen, Fan Hai-fu Computer analysis of Patterson map 1-52023
- Han Fu-sen, Fan Hai-fu, Gu Yuan-xin Phase refinement on the crystal structures containing heavy atoms 1-47022
- Han Fu-sen *see* Fan Hai-fu 1-52093
- Han Ji-Chin *see* Ji-Chin Han
- Han Ki In *see* Ki In Han
- Han Kwan Hee *see* Kwan Hee Han
- Han Kyu Park *see* Han Kyu
- Han Le *see* Rosenbluh, M. 1-41335
- Han Qi-zhi *see* Sun Hong-zhou 1-18399
- Han Qiwei, He Mingmin Stochastic model and statistical characteristics of bed load dispersion 1-22374
- Han Qiwei He Mingmin *see* He Mingmin Han Qiwei
- Han Ru-qi *see* Wang Yang-yuan 1-30852
- Han Yuan-Jie Some relations between microbarometric waves and earthquakes 1-9090
- Han-Ching Wang, Pace, M.D., Kispert, L.D. An EPR study of the dichlorofluoromethyl radical and other chlorinated radicals in irradiated dichlorofluoroacetamide single crystals 1-43011
- Han-Jong Yu, Wolfstiegl, U., Macherauch, E. On the influence of the diameter on the residual stresses in oil- and water-quenched steel cylinders 1-3790

- Han-ru Shao *see* Shao Han-ru
- Han-Sheng Lee, Chin-Hu Feng High-electric-field-generated electron traps in oxide growth from polycrystalline silicon 1-47669
- Han-shou Liu Mantle convection pattern and subcrustal stress field under South America 1-49249
- Han-Shou-Liu Mantle convection and subcrustal stresses under the United States 1-13444
- Hanada, H. Tidal corrections for precise gravity measurements in Izu peninsula 1-4409
- Hanada, S., Izumi, O. Deformation of metastable beta Ti-15Mo-52Zr alloy single crystals 1-8390
- Hanada, S., Mori, Y., Izumi, O. On the anomalous temperature dependence of yield stress in β brass at low temperatures 1-43452
- Hanafi, H. *see* Ismail, H.A. 1-36919
- Hanai, K., Katon, J.E. Vibrational spectra of cyclobutanecarbonyl chloride and bromide and their α -deuterated compounds 1-28968
- Hanai, S. *see* Niimi, H. 1-37979
- Hanai, T. *see* Igaki, T. 1-17118
- Hanai, T. *see* Ishikawa, A. 1-43712
- Hanamitsu, K., Ishikawa, H., Nishi, H., Takusagawa, M. Transient spectra in transverse-mode stabilized GaAlAs double-heterostructure lasers 1-41701
- Hanamori, T. *see* Ishiko, N. 1-32149
- Hanamura, E. *see* Miyazaki, H. 1-35062
- Hanamura, E. *see* Kubo, R. (editor) 1-32804
- Hanamura, Y., Tanaka, H. A simplified method to measure unsteady forces acting on the vibrating blades in cascade 1-24719
- Hanan, N.A. *see* Constantine, P. 1-50724
- Hanan, N.A. *see* May, R.S. 1-5965
- Hanan, N.A. *see* Tzanos, C.P. 1-50722
- Hanappe, F., Peter, J., Tamin, B., Lebrun, C., Lecoq, J.F., Lefebvre, F., Ngo, C. Influence of angular momentum on the width of the mass distribution of heavy-ion induced fission: is there a third mechanism between fission and the highly inelastic collisions? 1-50692
- Hanappe, F. *see* Borderic, B. 1-23703
- Hanashima, S. *see* Lee, S.M. 1-36975
- Hanashima, Y. *see* Itoh, M. 1-6303
- Hanasz, J., Schreiber, R., Aksenov, V.I. Polarized solar type III bursts between 2.3 and 4.9 MHz 1-32679
- Hanawa, F. *see* Chida, K. 1-41895
- Hanawa, J. Transient convective heat transfer to laminar flow from a flat plate with constant heat capacity 1-46736
- Hanawa, K., Akechi, K., Hara, Z., Nakagawa, T. Nodular graphite formation in P/M products from cast iron swarf powder and Fe-Si-C mixed powders 1-35218
- Hanawa, T. *see* Mada, Y. 1-3558
- Hanawa, T. *see* Okada, S. 1-16194
- Hanawa, T. *see* Shoji, F. 1-28113
- Hanazaki, I., Kasatani, K., Kuwata, K. Infrared multiphoton dissociation of ammonia: laser energy and pressure dependence of the emission from NH and NH₂ 1-6248
- Hanazawa, T. *see* Izumi, K. 1-20415
- Hanazawa, T. *see* Tamate, O. 1-33899
- Hance, R.L. *see* Koel, B.E. 1-8613
- Hance, R.L. *see* Praline, G. 1-8612
- Hance, R.L. *see* Rogers, J.W., Jr. 1-3577, 1-21778
- Hance, R.L. *see* Schulze, P.D. 1-35152
- Hance, K.W. *see* Carlin, C.M. 1-50239
- Hancock, G. *see* Ashfold, M.N.R. 1-51264
- Hancock, P. *see* De Castro, P.M.S.T. 1-48613
- Hancock, P. *see* Spurrier, J. 1-39415
- Hancock, R.D., McDougall, G.J. The macrocyclic effect in tetraaza-macrocyclic ligands 1-13030
- Hancox, R. Fusion reactors: 1960-80 1-5994
- Handa, H. *see* Hayashi, K. 1-39945
- Handa, S. *see* Maeda, S. 1-27337
- Handa, T., Yoshizawa, S., Fukuoka, M., Suzuki, M. Dynamic viscoelasticity of wood-polymer composites prepared by an electron beam accelerator 1-12787
- Handel, E.D., Graf, G., Glass, J.C. Macromolecular conformation in solution. Study of carbonic anhydrase by the positron annihilation technique 1-13211
- Handel, S.K., Jenson, O. Capillary fusion in very dense plasmas 1-19927
- Handerek, J., Ujma, Z., Roleder, K. Phase transitions in PbZr_{1-x}Ti_xO₃ with up to 3% Ti content 1-16536
- Handerek, J. *see* Ujma, Z. 1-16535
- Handler, F.A., Matzner, R.A. Gravitational wave scattering 1-23078
- Handler, G.S., Smith, D.W., Silverstone, H.J. Asymptotic behavior of atomic Hartree-Fock orbitals 1-10640
- Handler, R. *see* Pondrom, L. 1-45286
- Handley, D. *see* Yamin, P. 1-45372
- Handley, D.A., Olsen, B.R. Butvar B-98 as a thin support film 1-44895
- Handloric, M. *see* Hanic, F. 1-30142
- Handojo, A. Some properties of photothermoplastic recording materials 1-15239
- Handschy, M.A., Mockler, R.C., O'Sullivan, W.J. Coexistence curve of 2,6-lutidine+water, near its lower critical point 1-20358
- Handstein, A. *see* Schneider, J. 1-25987
- Handy, B.J. *see* Cliff, D.I. 1-6247
- Haneada, H. *see* Shirasaki, S. 1-25494
- Haneef, M. *see* Aziz, A. 1-6745
- Haneke, P. Testing of He-Ne lasers 1-46373
- Hanel, G. Prediction of the standard visual range at high relative humidity: a summary considering recent data 1-49383
- Hanel, G. *see* In Young Lee 1-49342
- Hanel, K. *see* Megernan, J. 1-17491
- Haneman, D. *see* de Silva, K.T.L. 1-48870
- Haneman, D. *see* Hinkley, S. 1-34790
- Haneman, D. *see* Kazacos, M.S. 1-48869
- Haneman, D. *see* McCann, J.F. 1-48906
- Haneman, D. *see* Mendz, G. 1-34740
- Haneman, D. *see* Miller, D.J. 1-43786
- Hanes, D., Madore, B. (editor) Global Clusters. Proceedings of a Nato Advanced Study Institute 1-22955
- Hanes, D.A., Schwarzenberg-Czerny, A., Whelan, J.A.J. TT Arctis 1-32709
- Hanes, L.K. *see* Seiler, D.G. 1-47702
- Haney, R.L. A numerical case study of the development of large-scale thermal anomalies in the central North Pacific Ocean 1-17599
- Hanft, R. *see* Ammosov, V.V. 1-40980
- Hanft, R. *see* Berge, J.P. 1-540
- Hanft, R. *see* Efremenko, V.I. 1-33173
- Hanft, R. *see* Hays, P.J. 1-45371
- Hang Ham Ok, Morrish, A.H. Mossbauer study of amorphous Fe₂B₁₂Si₄ 1-21098
- Hang Lee El *see* El Hang Lee
- Hang Nam Ok, Morrish, A.H. Origin of the perpendicular anisotropy in amorphous Fe₂B₁₂Si₄ ribbons 1-52771
- Hang-sheng Wu *see* Wu Hang-sheng
- Hangerter, K. *see* Commichau, V. 1-14761
- Hanh, N. Some considerations concerning the elaboration of methods for the characterization of the thermal inertia of temperature transducers 1-32987
- Hanhnam, C.M., Waseda, Y., Aust, K.T. Corrosion behaviour of amorphous iron-base alloys 1-21637
- Hanic, F., Handlovic, M., Kapralik, I. The structure of a quaternary phase Ca₂₀Al₁₂₋₂₀Me₂Si₈O₆₈ 1-30142
- Hanic, F. *see* Duhaj, P. 1-38287
- Hanic, F. *see* Kapralik, I. 1-43328
- Hanic, F. *see* Patras, V. 1-52610
- Haniger, L. Periodic in-service inspection of power reactor vessels by means of ultrasonic waves 1-33305
- Hanisch, R.J. Diffuse radio emission in the Coma cluster and Abell 1367: observations at 430 and 1400 MHz 1-36416
- Hanke, W., Kelly, M.J. Surface superconductivity and the metal-oxide-semiconductor system 1-20912
- Hanke, W., Kelly, M.J. Mechanisms of superconductivity at semiconductor interfaces 1-52685
- Hanke, W. *see* Boheim, G. 1-17356
- Hanke, W. *see* Kelly, M.J. 1-38886, 1-42623
- Hanke, W. *see* Strinati, G. 1-47448
- Hankel, R.D. *see* Irani, A.A. 1-50886
- Hankey, W.L. *see* Mikhail, A.G. 1-19777
- Hankey, W.L. *see* Shang, J.S. 1-46775
- Hankins, D.E. Phantoms for calibrating albedo neutron dosimeters 1-9021
- Hankins, T.H., Wright, G.A.E. A study of PSR 1237+25 at 430 MHz 1-32718
- Hanko, L. *see* Davis, S.J. 1-24400
- Hanks, T.C. *see* McGuire, R.K. 1-54001
- Hanks, T.C. *see* O'Neill, J.R. 1-27214
- Hanley, H.J.M. *see* Ackerson, B.J. 1-12514
- Hanley, H.J.M. *see* Evans, D.J. 1-2592, 1-7060, 1-19665
- Hanley, P.E. *see* Gordon, R.E. 1-8956
- Hanlon, J., Burnstein, R.A., Rubin, H.A., Chang, C.Y., Dombek, T., Snow, G.A., Son, D., Steinberg, P.H., Engelmann, R., Kafka, T., Sommars, S., Kitagaki, T., Tanaka, S., Yuta, H., Hasegawa, K., Yamaguchi, A., Tamai, K., Hayashino, T., Kunori, S., Ohtani, Y., Hayano, H., Chang, C.C., Mann, W.A., Schneps, J. Comparison of *nn* and *np* charged-current cross sections from high-energy neutrino interactions in deuterium 1-18464
- Hanlon, J. *see* Kitagaki, T. 1-18467
- Hann, R.A. A sensitive apparatus for the reproducible measurement of fluorescence polarisation 1-33035
- Hanna, A.A., Augh-Steen, H.A. Electrical properties of chromium oxides 1-21109
- Hanna, D., DiBrito, D., Eickmeyer, J., Kernan, A., O'Connor, J., VanDalen, G., Wojcik, R., Bohm, A., Giboni, K.L., Barone, M., Ceradini, F., Muller, F., Naroska, B., Nussbaum, M., Rubbia, C., Irion, J., Navach, F., Schinzel, D., Seebrunner, H., Stauda, A., Tirler, R., Voss, R., Block, M., Campanini, R. Study of diquark fragmentation at the CERN intersecting storage rings 1-41015
- Hanna, D. *see* Irion, J. 1-50475
- Hanna, D.C. *see* Hearn, D.B. 1-29344
- Hanna, I.R.A. *see* El-Naggar, A.M. 1-43908
- Hanna, O.T. *see* Sandall, O.C. 1-19692
- Hanna, R.B. *see* Armstrong, J.P. 1-21684
- Hanna, S.S. *see* Langouche, G. 1-16508
- Hanna, S.S. *see* Latshaw, G.L. 1-16507
- Hannaford, P., Lowe, R.M. Determination of atomic lifetimes using pulsed laser excitation of sputtered metal vapours 1-28917
- Hannakam, I., Stahlmann, H.-D. Skin effect-transients on thin plate due to arbitrarily moving of a flexible spatial loop 1-24321
- Hannaway, O. E.H. Hall and physics at Hopkins: the background to discovery 1-32829
- Hannay, J.H., Berry, M.V. Quantization of linear maps of a torus - Fresnel diffraction by a periodic grating 1-18080
- Hanner, A.W., Gole, J.L. Evidence for ultrafast V-E transfer in boron oxide (BO) 1-37310
- Hanner, M.S. On the albedo of the interplanetary dust 1-44493
- Hanninen, M.K. *see* Jaakkola, S.M. 1-7825
- Hanninen, R., Din, G.U. Investigation of ⁵⁵Co levels with the ⁵⁴Fe(p, γ)⁵⁵Co reaction. I. Excitation and decay properties of resonances 1-10365
- Hanninen, R., Hentela, R., Din, G.U. Investigation of ⁵⁵Co levels with the ⁵⁴Fe(p, γ)⁵⁵Co reaction. II. Spins and lifetimes 1-10353
- Hannink, R.H.J. *see* Garvie, R.C. 1-16894, 1-21569
- Hannula, E. *see* Batyunya, B.V. 1-600
- Hannula, E. *see* Boos, E.G. 1-5661
- Hanono, F., Lerner, E. Adsorption of ⁴He on neon-coated exfoliated graphite 1-34569
- Hanousek, F. *see* Volenik, K. 1-31134
- Hans, V. Test methods of structure borne sound using correlation and statistical analysis 1-24634
- Hans Schamel, Schmidt, G. A generalization of kinetic ponderomotive effects 1-6950
- Hansch, T.W., Couillaud, B. Laser frequency stabilization by polarization spectroscopy of a reflecting reference cavity 1-24437
- Hansch, T.W. *see* Couillaud, B. 1-24462
- Hansche, B.D. Laser ray trace tester for parabolic trough solar collectors 1-13084
- Hanselmann, G. *see* Kaiba, K. 1-43826
- Hansen, C.H., Bies, D.A. Near field measurement of the complex radiation impedance presented to a vibrating plate in a reverberant room containing a rotating diffuser 1-24599
- Hansen, C.H. *see* Bies, D.A. 1-24588
- Hansen, C.J. Theoretical aspects of nonradial oscillations in white dwarfs: a summary 1-27505
- Hansen, C.J. *see* Cox, J.P. 1-44577
- Hansen, C.J. *see* Saito, H. 1-27540
- Hansen, C.M. Diffusion in polymers 1-52354
- Hansen, C.M. *see* Skaarup, K. 1-52355
- Hansen, D. *see* Schmidt, W.F. 1-11493, 1-15577
- Hansen, D.V. *see* Kinder, T.H. 1-54121
- Hansen, E.A., Harris, A.R. An improved technique for spatial sampling of solutes in shallow groundwater systems 1-36083
- Hansen, E.Kjaersgaard *see* Kjaersgaard Hansen, E.
- Hansen, E.W., Goodman, J.W. Image reconstruction from projections using circular harmonic expansion 1-53876
- Hansen, F. *see* Shay, T.M. 1-37479
- Hansen, G. *see* Hansen, W.N. 1-31220
- Hansen, G. *see* Makhadmeh, V.V. 1-4246
- Hansen, G.M., Telschow, K.L. Characterization of self-heating effects in a superconducting bolometer with the superfluid helium film 1-50208
- Hansen, H.-J. *see* Hug, W. 1-28977
- Hansen, J.C., Hillyard, S.A. Endogenous brain potentials associated with selective auditory attention 1-17402
- Hansen, J.E. *see* Cowan, R.D. 1-37128
- Hansen, J.E. *see* Raassen, A.J.J. 1-49663
- Hansen, J.P., Mazighi, R., Vieillefosse, P. Miscibility of charged Bose and Fermi gases at zero temperature 1-40706
- Hansen, J.P. *see* Loubeyre, P. 1-20504
- Hansen, J.-P. On the equivalence of two models of charged hard spheres in a uniform background 1-46970
- Hansen, J.-P. *see* Baus, M. 1-51917
- Hansen, J.S. *see* McNeill, N.J. 1-49942
- Hansen, K.B. *see* Jensen, N.-H. 1-51211
- Hansen, K.B. *see* Wilbrandt, R. 1-41384
- Hansen, K.H. *see* Cockerill, D. 1-14742
- Hansen, L.F., Wong, C., Komoto, T.T., Pohl, B.A., Howerton, R.J. Measurements and calculations of the neutron emission spectra from materials used in fusion-fission reactors 1-10440
- Hansen, M.T. *see* Grover, N.B. 1-32193
- Hansen, M.Z. Atmospheric particulate analysis using angular light scattering 1-13583
- Hansen, M.Z., Evans, W.H. Polar nephelometer for atmospheric particulate studies 1-9265
- Hansen, N. The effect of grain size and strain on the tensile flow stress of copper at room temperature 1-21555
- Hansen, N., Bay, B. Initial stages of recrystallization in aluminium containing both large and small particles 1-26490
- Hansen, O. *see* Christensen, P.R. 1-18663
- Hansen, O.P. *see* Mikhail, I.F.I. 1-34618
- Hansen, P. *see* Urner-Wille, M. 1-12346

- Hansen, P.G. On-line experiments with high-energy protons: recent results and possible future directions 1-10357
- Hansen, P.G. *see* Azuma, R.E. 1-14498
- Hansen, P.G. *see* Borchert, G.L. 1-23940
- Hansen, P.G. *see* Ewan, G.T. 1-36929
- Hansen, P.G. *see* Ganzorig, Dz. 1-23697
- Hansen, P.H. *see* Crabb, D.G. 1-14413
- Hansen, P.H. *see* Crosbie, E.A. 1-45340
- Hansen, R. *see* Schoene, T. 1-14582
- Hansen, R.A., Bolt, B.A. Variations between Q values estimated from damped terrestrial eigen-vibrations 1-22251
- Hansen, R.J., Horne, M.P., Ni, C.C. Experimental facility for the study of turbulence-induced noise in acoustic line arrays [underwater acoustics] 1-29497
- Hansen, R.T. *see* Agrawal, S.P. 1-40288
- Hansen, S.G., Farrar, J.M., Mahan, B.H. Dynamics of the reaction of N^+ with H_2 , V. Reactive and nonreactive scattering of $N^+(^3P)$ at relative energies below 3.6 eV 1-12985
- Hansen, U. *see* Teuchert, E. 1-33340
- Hansen, W.L. *see* Haller, E.E. 1-52518
- Hansen, W.L. *see* Watson, D.M. 1-9629
- Hansen, W.N. Electrode resistance and the emersed double layer 1-35545
- Hansen, W.N., Pearson, L., Hansen, G., Anderson, W.J. Characterization of small absorptions in optical coatings 1-31220
- Hanser, F.A., Sellers, B. Variations of $O(^1D)$ photoproduction rate for the 1977 Gematag flights 1-40170
- Hansel, T. *see* Eggert, K. 1-14752
- Hansma, P.K. *see* Adams, A. 1-8147, 1-20289
- Hansma, P.K. *see* Dubois, L.H. 1-25551
- Hansma, P.K. *see* Kroeker, R.M. 1-42627
- Hanson, A.J. *see* Eguchi, T. 1-23073
- Hanson, C.L., Clark, J.C. Fast-closing vacuum valve for high-current particle accelerators 1-50144
- Hanson, C.L. *see* Doggett, J.N. 1-50938
- Hanson, D.C. *see* Personick, S.D. 1-11169
- Hanson, D.L. *see* Ardouin, D. 1-14543
- Hanson, F.E. *see* Frenkel, D. 1-7063
- Hanson, G. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Hanson, G. *see* Dorfan, J.M. 1-41020
- Hanson, G. *see* Himel, T.M. 1-18482
- Hanson, G. *see* Scharre, D.L. 1-18485, 1-45292
- Hanson, G.H., Tasaka, K., Atkinson, S.A. Application of ANSI/ANS-5.1-1979/HEAT 6 code to LOFT technical specifications 1-45677
- Hanson, G.N. Rare earth elements in petrogenetic studies of igneous systems 1-13458
- Hanson, J.D. *see* Inokuti, M. 1-24227
- Hanson, J.D. *see* Russell, D.A. 1-19905
- Hanson, M.E., Anderson, G.D., Shaffer, R.J. Theoretical and experimental research on hydraulic fracturing 1-44173
- Hanson, M.S. *see* Knox, C.A. 1-844
- Hanson, R.B. The Hyades cluster distance 1-36348
- Hanson, R.C., Jordan, M., Bachman, K. Studies on solid NH_3 and CO_2 to 11 GPa 1-42465
- Hanson, R.C. *see* Ho, Z.Z. 1-41390, 1-45937
- Hanson, R.C. *see* Zdunkowski, W.G. 1-49320
- Hanson, R.K. *see* Varghese, P.L. 1-10785
- Hanson, W.B. *see* Basu, S. 1-17733
- Hanson, W.B. *see* Kumar, S. 1-40257
- Hanson, W.F. *see* Berkley, L.W. 1-8990
- Hansroul, M. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Hanss, M. *see* Marion, C. 1-53747
- Hanssen, J. *see* Scott *see* Scott Hansen, J.
- Hanssen, K.-J. *see* Pletzsch, K. 1-50198
- Hansson, G. *see* Brillson, L.J. 1-16103
- Hansson, G. *see* Gopel, W. 1-8197
- Hansson, G.V., Bachrach, R.Z., Bauer, R.S., Chadi, D.J., Gopel, W. Electronic structure of Si(111) surfaces [angle-resolved photoemission] 1-8195
- Hansson, G.V., Bachrach, R.Z., Bauer, R.S., Chiaradia, P. Electronic structure of ordered metal overlayers on Si(111) surfaces 1-52619
- Hansson, H.-C. *see* Lannefors, H.O. 1-54224
- Hansson, I., Morch, K.A. The dynamics of cavity clusters in ultrasonic (vibratory) cavitation erosion 1-8437
- Hansson, N. About the rotation of the Earth, the distance of the Moon and the tide 1-44063
- Hansson, T.H. *see* Roos, B.O. 1-49094
- Hansson, H., Ruterjans, H. Two-parameter least-squares analysis of inversion-recovery Fourier transform experiments 1-313
- Hanst, P.L., Spence, J.W., Edney, E.O. Carbon monoxide production in photooxidation of organic molecules in the air 1-22380
- Hanstead, P.D. Simplified digital synthesis of ultrasonic images 1-39976
- Hansteen, J.M. *see* Bang, J. 1-37318
- Hanton, J. *see* Barth, M. 1-41018
- Hantzche, E. The erosion rates of arc cathode spots by crater formation 1-2260
- Hantzpergue, J.J., Paulau, Y., Remy, J.C., Rop-tin, D., Cailler, M. Electrical properties of sputtered AlN films and interface analyses by Auger electron spectroscopy 1-34818
- Hantzche, E. Unipolar arcs 1-42220
- Hanuza, J., Jezowska-trzebiatowska, B., Muller, A. Vibrational spectra of the triclinic $K_2[ReO_2(CN)_4]$ single crystal 1-26194
- Hanya, T. *see* Matsumoto, G. 1-53726
- Hanzawa, K., Yanase, A., Kasuya, T. A model calculation for anomalous magnetic properties of CeB_6 1-52766
- Hanzlik, J., Biheller, J., Tykva, R. Sorption of mixture of model impurities in the chemical treatment of silicon surface 1-53324
- Hanzlick, D., Aagaard, K. Freshwater and Atlantic water in the Kara Sea 1-13474
- Hao Bai-lin *see* Shi He 1-44843
- Hao Bai-lin *see* Zhou Guang-Zhao 1-159, 1-160
- Hao Bai-lin *see* Bia-lin Hao
- Hao Nan-jun *see* Zhao Yan-zeng 1-22496
- Hao-Ding Gu *see* Gu Hao-Ding
- Haond, M., Landreau, J., Delpach, Ph., Bouley, J.C. Dynamic properties of a proton bombarded stripe GaAlAs laser buried with a lateral zinc diffusion [for optical communication systems] 1-29302
- Haouat, G. *see* Delaroche, J.P. 1-36902
- Haouat, G. *see* Lagrange, Ch. 1-704
- Happ, J.W. Quantitative determination of corrosion pits by X-ray radiography 1-31793
- Happer, W. *see* Bhaskar, N.D. 1-24225
- Haque, I. *see* Dey, N.C. 1-22023
- Haque, M.M. *see* Pratap Singh, R. 1-20372
- Haque, R., Gates, A.S., Edwards, J.G. Vaporization chemistry and thermodynamics of the lead-indium-sulfur system by computer-automated Knudsen and torsion effusion methods 1-38523
- Haque, R., Pelino, M., Gingerich, K.A. Investigation of the thermodynamic stability of the molecules YAu (g) and YIr (g) by high temperature mass spectrometry 1-17092
- Hara, A. *see* Otani, S. 1-35170
- Hara, A. *see* Yokota, M. 1-11959, 1-11960
- Hara, H., Fujisawa, A. The high gain CO_2 laser by effective mixing of N_2 and CO_2 gas 1-41724
- Hara, H., Fujisawa, A. High-gain CO_2 laser 1-46366
- Hara, H., Igarashi, Y. Local production rate of an 'enzyme kinetics' based on coupled random walks 1-12963
- Hara, J., Ono, Y.A. Possible range of values for the reduced shear viscosity of superfluid 3He -B 1-30512
- Hara, J. *see* Yamamoto, K. 1-6876
- Hara, K., Itoh, T., Suzuki, Y. The influence of lightening area for minority carrier injection in contactless lifetime measurement 1-47708
- Hara, K., Iwasaki, S. On the quantum number projection. III. Simultaneous J- and N-projection 1-10332
- Hara, K., Osugi, J., Taniguchi, Y., Suzuki, K. Pressure-induced phase transition in adamantane-1-20375
- Hara, K., Suzuki, Y. Anomalous etching phenomenon of RF-sputtered SiO_2 films 1-3954
- Hara, K., Ware, W.R. Influence of solvent perturbation on the radiative transition probability from the B_{1u} state of pyrene 1-1275
- Hara, K. *see* Miya, K. 1-900
- Hara, K. *see* Moon, F.C. 1-45725
- Hara, K. *see* Sato, T. 1-39916
- Hara, M., Kido, K. Investigation of the time window for frequency analysis considering aural masking 1-19529
- Hara, M. *see* Akazaki, M. 1-15715
- Hara, M. *see* Katsube, T. 1-20877
- Hara, N., Inoue, N. Formation of 11 Å tobermorite in the presence of chlorides and alkali hydroxides 1-43304
- Hara, N., Sugimoto, K. Modulation spectroscopic analysis of passivation and transpassivation films on molybdenum 1-26668
- Hara, O. Dynamical theory of hadrons based upon extended particle picture 1-5574
- Hara, O. A variant of the extended particle model of hadrons in terms of Grassmann numbers: relation of the extended particle model to QCD 1-50381
- Hara, R., Suzuki, H., Umeya, K. Dynamic mechanical properties of polystyrene powder compacts 1-34418
- Hara, R. *see* Umeya, K. 1-35497
- Hara, S. *see* Sato, H. 1-24048
- Hara, T. The effect of shear on the infinite elastic solid with an annular crack 1-24744
- Hara, T., Dote, T. Frequency dependence of the RF electric field effect on He-Ne laser output 1-46294
- Hara, T., Kodera, K., Hamagaki, M., Dote, T., Matsunaga, K., Inutake, M. Quasi-steady laser oscillation in the recombining hydrogen plasma 1-11541
- Hara, T., Sato, H. Scattering of the cosmic neutrinos by high energy cosmic rays 1-17745
- Hara, T. *see* Kasahara, J. 1-9271
- Hara, T. *see* Suzuki, T. 1-20019
- Hara, T. *see* Ushida, N. 1-546
- Hara, Z. *see* Hanawa, K. 1-35218
- Harada, A. *see* Moriyama, Y. 1-49432
- Harada, H. *see* Koizumi, Y. 1-48503
- Harada, I. Computation of strongly compressible rotating flows 1-37941
- Harada, I., Furukawa, Y., Tasumi, M., Shirakawa, H., Ikeda, S. Spectroscopic studies on doped polyacetylene and β -carotene 1-39072
- Harada, I., Koyama, T. On the split of the compressible Stewartson layer due to a surface-mounted obstacle 1-37959
- Harada, I., Suzuki, C., Tonegawa, T. Effect of nonmagnetic impurities on the low-temperature susceptibility of the linear antiferromagnet $(CH_3)_4N[MnCl_2]$ (TMMC) 1-7828
- Harada, I. *see* Shimanouchi, T. 1-51310
- Harada, I. *see* Tokoi, H. 1-15497
- Harada, K., Kozima, Y., Fujii, Y., Takeuchi, S. Measurements of blast furnace inner-states by magnetometer 1-28042
- Harada, M. Lowest-order Brueckner theory with nonstandard dispersion 1-36899
- Harada, R. *see* Yokota, M. 1-7397
- Harada, S. *see* Ohji, K. 1-48480
- Harada, T., Gamo, K., Namba, S. Dry etching of Nb and fabrication of Nb variable-thickness-bridges 1-43599
- Harada, T., Kita, T. Mechanically ruled aberration-corrected concave gratings 1-29381
- Harada, Y. Pseudo-critical dynamics in aqueous solution of alcohol 1-52230
- Harada, Y. *see* Kubota, H. 1-2354
- Harada, Y. *see* Takahashi, T. 1-52471
- Harada, Y. *see* Tsuno, K. 1-40898
- Haraguchi, M. *see* Shiba, K. 1-50128
- Harai, Y. A template matching model for pattern recognition: self-organization of templates and template matching by a disinhibitory neural network 1-17369
- Harakal, J.E. *see* Sinclair, A.J. 1-35953
- Harakeh, M.N., Goldhoorn, P., Iwasaki, Y., Lukasik, J., Put, L.W., van der Werf, S.Y., Zwarts, F. The supersymmetry scheme and E2 transition rates in the Pt region 1-23594
- Harakeh, M.N. *see* David, P. 1-50686
- Harakeh, M.N. *see* Gaarde, C. 1-5740
- Harakeh, M.N. *see* Scholten, O. 1-14505
- Harakeh, M.N. *see* Van Der Plicht, J. 1-10395
- Harakeh, M.N. *see* Van Driel, J. 1-41123
- Haralampiev, P.H. *see* Zelev, Z.T. 1-23855
- Harasabali, A.R., Holloway, P.H. The influence of metal overlayers on electrochromic behavior of WO_3 films 1-48035
- Harar, S. Entrance channel versus compound nucleus limitations in the fusion of 1p and 2s-1d shell nuclei 1-50702
- Harari, H., Seiberg, N. A dynamical theory for the rishon model 1-28280
- Harari, H., Seiberg, N. Dynamical symmetry breaking and composite quarks and leptons 1-50347
- Harari, H. *see* Cahn, R.N. 1-23463
- Haratani, T., Wada, T., Hayami, S. The (110) [001] secondary recrystallization in Al-killed steel 1-53207
- Haratym, Z. *see* Bergeman, T. 1-46029
- Harbaugh, J.W. *see* Berlanga, J.M. 1-49414
- Harbec, J.-Y. *see* Jandl, S. 1-39092
- Harbeke, G., Kiess, H., Meyer, W., Baeriswyl, D. Optical properties of undoped and doped polyacetylene films 1-48180
- Harbeke, G., Widmer, A.E., Stuke, J. Physical properties of phosphorus doped low-pressure CVD amorphous silicon 1-52449
- Harbison, J.P. *see* Bevk, J. 1-47825
- Harbison, J.P. *see* Cohen, J.D. 1-30668
- Harbour, P.J. *see* Harrison, M.F.A. 1-29846
- Harbour, P.J. *see* Proudfoot, G. 1-29841
- Harbourne, B.L., Chow, M.C., Stephen, J.D. Fuel temperature analysis using deterministic and probabilistic methods 1-45618
- Hardcastle, J.A. *see* Shaw, R. 1-40764
- Hardee, P.E., Eilek, J.A., Owen, F.N. GCS 7385: generation of an H II region by thermal instability associated with the creation of a radio source 1-40552
- Hardekopf, R.A. *see* Correll, F.D. 1-45513
- Hardekopf, R.A. *see* Ohlsen, G.G. 1-28456
- Harder, C. *see* Katz, J. 1-41697
- Harder, D. *see* Peixoto, J.E. 1-53906
- Harder, D. *see* Virsik, R.P. 1-8927, 1-32199, 1-43922
- Harder, H., Simon, M. State of development of the high-temperature reactor 1-10510
- Harder, H. *see* Simon, M. 1-14691
- Harder, J.M., Silbert, M. Binary mixture of hard spheres with attractive square-well interaction between unlike spheres 1-11645
- Hardiman, M., Pellissier, J., Barnes, S.E., Bisson, P.E., Peter, M. Electron paramagnetic resonance of Gd^{3+} in platinum 1-12397
- Hardiman, M. *see* Jackson, C.M. 1-38969
- Hardin, J. *see* Valentin, M. 1-27936
- Hardin, R.T., Lipner, M.H., Ravets, J.M. Shielding design of and dose rate measurements from a spent-fuel transfer cask 1-50972
- Hardin, R.T. *see* Steffen, R.J. 1-23819
- Harding, A.K., Tademaru, E. Propagation in a shearing plasma. III. Magnetic field effects and pulsar microstructure periods 1-54536
- Harding, D.J. *see* Day, C.T. 1-45312

- Harding, G.L., Window, B. Free molecule thermal conduction in concentric tubular solar collectors 1-53667
- Harding, G.L. see Curmi, P.M. 1-32038
- Harding, J. Testing techniques at high rates of strain 1-48637
- Harding, J.H., Masri, P., Stoneham, A.M. Thermodynamic properties of uranium dioxide: electronic contributions to the specific heat 1-2649
- Harding, L.B. see Goddard, W.A., III 1-10657
- Harding, L.J. see Dunham, W.R. 1-21055
- Harding, M.F., Bunyan, P.J. Group probabilities in the two-dimensional Ising model 1-7799
- Harding, S.E., Dampier, M., Rowe, A.J. The viscosity increment for a dilute suspension of triaxial ellipsoids in dominant Brownian motion 1-39693
- Harris, J.E. see Brooks, R.L. 1-6368
- Hardman, K., James, W.J., Long, G.J., Yelon, W.B., Kebe, B. Magnetic structures of the Mn-rich $Y_6(Fe_{1-x}Mn_x)_{23}$ compounds 1-25889
- Hardman, K., James, W.J., Yelon, W.B. Preferential ordering of Mn and Fe atoms in $Y_6(Fe_{1-x}Mn_x)_{23}$ 1-1173
- Hardman, K., Rhyne, J.J., Smith, K., Wallace, W.E. Structural investigation of $Th_2Mn_{12}D_{16}$ by neutron diffraction 1-20142
- Hardorp, J. The Sun among the stars. III. Energy distributions of 16 northern G-type stars and the solar flux calibration 1-27492
- Hardouin, F., Levelut, A.M., Sigaud, G. Anomalies of periodicity in liquid crystalline cyano derivatives 1-34223
- Hardouin, F., Sigaud, G., Tinh, N.H., Achard, M.F. A fluid smectic A antiphase in a pure nitro rod-like compound 1-38263
- Hardouin, F. see Benguigui, I. 1-47214
- Hardouin, F. see Levelut, A.M. 1-34226
- Hardouin, F. see Sigaud, G. 1-34224
- Hardt, A. see Kohler, M. 1-10590
- Hardt, D.E. Optimal solutions for muscle forces 1-22057
- Hardt, K. see Kroth, R. 1-18561, 1-45404
- Hardwick, C. see Daum, C. 1-28357
- Hardwick, J. see Daum, C. 1-14424
- Hardy, A. Gaussian modes of resonators containing saturable gain medium 1-19365
- Hardy, A. see Kapon, E. 1-46348
- Hardy, A.D., Thomas, M.W. Small-angle neutron-scattering experiments. Part I. Use of the Harwell small-angle diffractometer 1-50781
- Hardy, D.A. see Smiddy, M. 1-40258
- Hardy, E. Observations of clusters in the Washington system 1-54564
- Hardy, R.J. Temperature and pressure dependence of intrinsic anharmonic and quantum corrections to the equation of state 1-42504
- Hardy, W.N., Morrow, M., Jochemsen, R., Statt, B.W., Kubik, P.R., Marsolais, R.M., Berlinsky, A.J., Landesman, A. Magnetic resonance studies of atomic hydrogen gas at low temperatures 1-1151
- Hardy, W.N. see Jochemsen, R. 1-3541
- Hardy, W.N. see Morrow, M. 1-48734
- Hardy, W.N. see Statt, B.W. 1-3539, 1-3540
- Hare, J.D. see Child, S.Z. 1-35846
- Hare, T.M. see Russ, J.C. 1-18344
- Harel, H., Marom, G., Fischer, S., Roman, I. Effect of reinforcement geometry on stress intensity factor calibrations in composites 1-3824
- Haren, P., Chiang C. Mei Head-sea diffraction by a slender raft with application to wave-power absorption 1-53548
- Hareng, M. see Dubois, J.C. 1-46990
- Hares, J.D., Kilkenny, J.D., Key, M.H., Lunney, J.G. A parametric study of fast electron preheat in laser plasma interactions 1-29893
- Hares, J.D. see Gray, D.R. 1-29916
- Harf, A. see Lorino, H. 1-13332
- Harf, J., Rosetz, G.-P., Stou, R. The application of classification techniques to the processing of laboratory and borehole geophysical data 1-40218
- Harget, P.J. see Siegmann, A. 1-52086
- Hargis, P.J., Jr. Trace detection of N_2 by KrF-laser-excited spontaneous Raman spectroscopy 1-39696
- Hargitai, T. see Selivanov, V.M. 1-28589
- Hargitai, I. see Brunvold, J. 1-1403
- Hargitai, I. see Rozsindai, B. 1-29136
- Hargitai, I. see Schultz, J. 1-10842
- Hargitai, I. see Van Eijk, B.P. 1-24280
- Hargitai, M., Samdal, S., Seip, R. The molecular structure and conformation of acetamides in the vapour phase. III. Thioacetamide (ethanethioamide) 1-46119
- Hargrave, R. A lensed fiber connector 1-19424
- Hargraves, R.B. see Crough, S.T. 1-13426
- Hargraves, R.B. see Onstott, T.C. 1-35967
- Hargraves, R.B. see Skerlec, G.M. 1-22317
- Hargreave, M.M. see Sato, M. 1-30379
- Hargreaves, J.K. D-region electron densities observed by incoherent-scatter radar during auroral-absorption spike events 1-27333
- Hargreaves, J.K. see Poulter, E.M. 1-49451
- Hargrove, C.K. see Nemethy, P. 1-45183
- Hargrove, R.S., Kan, T. High power efficient dye amplifier pumped by copper vapor lasers 1-15184
- Hargrove, R.S. see Eimerl, D. 1-46452
- Hari Babu, V. see Dayanand, C. 1-48007
- Hari Babu, V. see Subba Rao, U.V. 1-47161
- Hari Singh, Prakash, R., Birbal Singh A study of whistlers observed at Agra 1-22608
- Hari Singh see Birbal Singh 1-49458
- Haridasan, T.M. see Govindarajan, R. 1-16007
- Haridasan, T.M. see Nerenberg, M.A.H. 1-20341
- Haridasan, T.M. see Ramachandran, K. 1-47197
- Haridoss, S., Beniere, E., Gaunau, M., Rupert, A. Diffusion of gallium in silicon 1-38594
- Harig, H. see Dengel, D. 1-48466
- Harigel, G. see Barth, M. 1-41018, 1-45377
- Harigel, G. see Gottgens, R. 1-50472
- Harikaran, A.V. see Franzen, H.F. 1-30375
- Harikaran, K. Electrical ionic conductivity and optical absorption studies on superionic compound $RbAg_4Cu_3I_5$ films 1-25496
- Harikaran, P. Holographic recording materials. Recent developments 1-6513
- Harikaran, P. Second-order statistics of speckle patterns and intensity correlations: an instructive analogy 1-9810
- Harikaran, P. Pseudocolour images with volume reflection holograms 1-19287
- Harikaran, P. Holographic spatial filters. A modification to minimize beam obstruction 1-33792
- Harikaran, P.C. see Sokalski, W.A. 1-1098
- Harikaran, P.V. see Mang, T.S. 1-4333
- Harikaran, Y., Radhakrishnan, T.S. A new cryostat for 'in situ' radiation damage studies 1-44933
- Harima, Y. see Yamaguchi, H. 1-46005
- Harinath, K.S. Surface line sources over a generalized thermoelectric halfspace 1-33895
- Harindranathan Nair, M.V. see Raja Rao, K.S. 1-27230
- Hariri, A. see Barber, D.P. 1-534, 1-28309
- Harisiadis, L., Miller, R.C., Harisiadis, S., Hall, E.J. Oncogenic transformation and hyperthermia 1-21987
- Harisiadis, S. see Harisiadis, L. 1-21987
- Haritonidis, J.H. see Rubin, Y. 1-42017
- Hariu, T. see Takenaka, K. 1-8238
- Harizanova, Z.T. see Apostolov, A.V. 1-30937
- Hark, Th.E.M. Van den see Van den Hark, Th.E.M.
- Harker, A.H. see Heder, G. 1-2908
- Harker, A.H. see Itoh, N. 1-12567
- Harkeless, S. see Galakhova, O.P. 1-36690
- Harland, C.J., Akhter, P., Venables, J.A. Accurate microcrystallography at high spatial resolution using electron back-scattering patterns in a field emission gun scanning electron microscope 1-33079
- Harleman, D.R.F. see Brocard, D.N. 1-1968
- Harlen, F. see Bennett, A.P. 1-22082
- Harley, J.H. see Evans, R.D. 1-53828
- Harley, N.H. see Cohen, B.S. 1-673, 1-17473
- Harley, R.T. see Andrews, S.R. 1-52962
- Harley, R.T. see Catlow, C.R.A. 1-38819
- Harley, R.T. see Lowde, R.D. 1-30378
- Harlin, J.M. The effect of precipitation variability on drainage basin morphology 1-32470
- Harlingen, D.J. Van see Van Harlingen, D.J.
- Harlow, F.H. see Day, B.J. 1-45633
- Harlow, G.E. see Nehru, C.E. 1-22743
- Harmann, M.A. Contemporary heterojunction lasers 1-1570
- Harmann, T.C. Liquidus isotherms, solidus lines and LPE growth in the Te-rich corner of the Hg-Cd-Te system 1-12676
- Harmannec, P., Horn, J., Koubsky, P., Zdravsky, F., Kriz, S., Pavlovski, K. Photoelectric photometry at the Hvar Observatory. IV. A study of UV variations of a group of bright northern Be stars 1-9527
- Harmannec, P. see Kriz, S. 1-40529
- Harmans, K.J., Melsert, W., Koijmans, C.V., Kaarls, R. A high accuracy automated measuring system for standard-cell comparison 1-39754
- Harmatz, B. Nuclear data sheets for A=106 1-17954
- Harmatz, B. Nuclear data sheets for A=115 1-17955
- Harmelin, M. see Calvayrac, Y. 1-3783, 1-26419
- Harmer, A.L. see Verber, C.M. 1-36646
- Harmer, M.P., Brook, R.J. The effect of MgO additions on the kinetics of hot pressing in Al_2O_3 1-31391
- Harmon, R.S., Land, L.S., Mitterer, R.M., Garrett, P., Schwarcz, H.P., Larson, G.J. Bermuda sea level during the last interglacial 1-44207
- Harmon, R.S., Schwarcz, H.P. Changes of 2H and ^{18}O enrichment of meteoric water and Pleistocene glaciation 1-54194
- Harmon, R.S. see Keen, D.H. 1-35955
- Harms, A.A. Synergetic nuclear energy systems concepts 1-14699
- Harms, A.A., Heindler, M. The existence and characterization of self-sustaining multiplicative fusion and fission reaction chains 1-28461
- Harms, A.A., Ligou, J. The systematics of emerging nuclear energy concepts 1-879
- Harms, A.A. see Heindler, M. 1-880
- Harms, R.J. see Shafter, A.W. 1-13800
- Harms, W.B. see Purdy, J.A. 1-22139
- Harmssen, A. see Mandelkow, E.-M. 1-8814
- Harna, Z., Gross, B., Harnova, J. Radiation intensity and temperature of asymmetrical plasmas 1-15644
- Harnad, J., Shneider, S., Vinet, L. Invariance considerations and solutions of the SU(2) Yang-Mills equations in compactified Minkowski space 1-5460
- Harnad, J., Shneider, S., Vinet, L. Group actions on principal bundles and invariance conditions for gauge fields 1-28166
- Harnad, J., Vinet, L., Shneider, S. Group actions on principal bundles and invariance conditions for gauge fields 1-33119
- Harnad, J. see Beckers, J. 1-5473
- Harnad, J.P., Schneider, S. (editor) Geometrical and Topological Methods in Gauge Theories. Proceedings of the Canadian Mathematical Society Summer Research Institute 1-32802
- Harnden, F.R., Jr. see Haisch, B.M. 1-49651
- Harness, J.B., Neumann, P.E.L. Digital computer simulation of voidage in a regenerator 1-50138
- Harness, J.B., Neumann, P.E.L. A closed-cycle thermally activated regenerative cryogenerator 1-50140
- Harness, J.B. see Daly, W.O. 1-50091
- Harney, H.L., Weidenmuller, H.A., Richter, A. Elastic enhancement factor in charge exchange reactions 1-14522
- Harney, H.L. see Kusterer, K. 1-23914
- Harney, R.C. Dual active/passive infrared imaging systems 1-24518
- Harnois, J. see Ushida, N. 1-546
- Harnova, J. see Harna, Z. 1-15644
- Haroun, N.A. Theory of inclusion controlled grain growth 1-21456
- Haroun, N.A. Effect of MgO and NiO on the sintering of slip cast alumina 1-48310
- Harp, G.D. see Williams, D.L. 1-22115
- Harpez, A., Kovetz, A. Evolution of 1.3 M_{\odot} star and the formation of planetary nebulae 1-36270
- Harpen, M.D., Siegel, J.A., Lee, W.-N.P., Greenfield, M.A. A new method of calculating absolute thyroid activity in intravenous I-123 uptake tests 1-26987
- Harper, C. see Crowder, G.A. 1-10732
- Harper, D.A. see Keene, J. 1-9630
- Harper, D.A. see Loewenstein, R.F. 1-44485
- Harper, D.A. see Werner, M.W. 1-44653
- Harper, D.A. see Wright, E.L. 1-22866
- Harper, D.W. see Watts, J.K. 1-11094
- Harper, J.M.E., Heiblum, M. Dual-ion-beam technique for pinhole-free thin films of controlled thickness 1-8230
- Harper, J.M.E., Kaufman, H.R. Technique for improved selectivity in ion beam etching 1-39481
- Harper, J.M.E., Speidel, J.L., Tuttle, A.H. Silicon ion source grids 1-42266
- Harper, J.M.E. see Cuomo, J.J. 1-8227
- Harper, P.V. see Kirchner, P.T. 1-32242
- Harper, R.A. see Chakkalakal, D.A. 1-3231
- Harper, R.A. see Johnson, M.W. 1-13230
- Harper, R.C. see Gaiser, J.E. 1-24001
- Harpool, D. see Berthod, H. 1-46057
- Harrach, D., Glassel, P., Civelekoglu, Y., Manner, R., Specht, H.J., Wilhelm, J.B., Freiesleben, H., Hildenbrand, K.D. Fission properties of very heavy nuclei produced in deep-inelastic collisions 1-50693
- Harrach, R.J., Kidder, R.E. Simple model of energy deposition by suprathermal electrons in laser-irradiated targets 1-51968
- Harri, H.-P. see Leutwyler, S. 1-33579
- Harrises, J.E. Atmospheric radiometry at submillimeter wavelengths 1-4610
- Harrigan, M.E. New approach to the optimization of lens systems 1-46510
- Harrigan, T.P., Oh, I., Harris, W.H., Mann, R.W., Carter, D.R. The anisotropic properties of trabecular bone 1-13278
- Harrington, B.J., Tabb, C.H. Generalized ghost-free gauges 1-14235
- Harrington, B.J., Tabb, C.H. Hadronic temperature via event horizons: the role of the linear potential in inclusive thermal distributions 1-14342
- Harrington, B.J., Tabb, C.H. Zero-point oscillations, local stability, and the effective action 1-23442
- Harrington, H.J. see Green, R. 1-49190
- Harrington, J.A. Infrared fiber optics for CO_2 laser applications 1-41861
- Harrington, R. see Pascu, D. 1-13728
- Harrington, R.F. Electromagnetic transmission through narrow slots in thick conducting screens 1-1445
- Harrington, R.F. see Swift, C.T. 1-32482
- Harris, A. (1865) Cerberus 1-13723
- Harris, A. see Millis, R.L. 1-54408
- Harris, A.G. see Sachs, H.M. 1-22293

- Harris, A.J., Walker, R.S., Sneddon, R. Current-voltage characteristics of amorphous silicon p-n junctions 1-3051
- Harris, A.R. *see* Hansen, E.A. 1-36083
- Harris, A.S. Designing for noise control at air carrier airports: runway layout and use 1-41917
- Harris, A.W., Lemke, D. A near infrared survey of W51 1-44655
- Harris, A.W., Lemke, D., Hofmann, W. 2.4 μ m emission from the galactic center region 1-9658
- Harris, A.W., Young, J.W. Asteroid rotation. III. 1978 observations 1-4809
- Harris, A.W., Young, J.W., Bowell, E. The light-curve and phase function of the asteroid 304 Olga 1-22712
- Harris, A.W. *see* Neckel, T. 1-36370
- Harris, A.W. *see* Schober, H.J. 1-27409
- Harris, B. *see* Guild, F.J. 1-4028
- Harris, B. *see* Pigott, M.R. 1-8377
- Harris, C.B., Zwemer, D.A. Coherent energy transfer in solids 1-11821
- Harris, C.B. *see* Cornelius, P.A. 1-51547
- Harris, C.B. *see* George, S.M. 1-29042
- Harris, C.B. *see* Marks, S. 1-8056
- Harris, C.C. *see* Christian, P.E. 1-49109
- Harris, C.C. $^3\text{He-A}$ textures in a torus 1-34535
- Harris, C.K. *see* Davies, M.R. 1-32925
- Harris, D.E. A review of extragalactic non-thermal sources 1-9697
- Harris, D.E., Costain, C.H., Strom, R.G., Pineda, F.J., Delville, J.P., Schnopper, H.W. Radio and X-ray observations of Abell 754 1-22905
- Harris, D.E., Lari, C., Vallee, J.P., Wilson, A.S. Westerbork observations of B2 radio sources in Abell clusters of galaxies 1-17901
- Harris, D.J., Teo, T.M. Extinction cross-section measurements on single falling water drops at 100 GHz 1-36021
- Harris, D.R. *see* Ginsberg, A.P. 1-50727
- Harris, D.R. *see* Khalid, Z.M. 1-23745
- Harris, D.R. *see* Kim, S.H. 1-23815
- Harris, D.R. *see* Little, R.C. 1-50603
- Harris, D.R. *see* Nelson, P.R. 1-28661
- Harris, D.R. *see* Ryskamp, J.M. 1-45597
- Harris, D.R. *see* Taleyarkhan, R. 1-14584
- Harris, D.R. *see* Wang, G.H. 1-50726
- Harris, F.A. *see* Berge, J.P. 1-540
- Harris, F.M., Mukhtar, E.S., Griffiths, I.W., Beynon, J.H. Design of a high-resolution mass spectrometer for studying the photodissociation of organic ions in the gas phase 1-36767
- Harris, F.M. *see* Mukhtar, E.S. 1-43682
- Harris, G.L.H. Open clusters and stellar evolution 1-36355
- Harris, G.L.H. *see* van den Bergh, S. 1-40535
- Harris, G.R. *see* DeReggi, A.S. 1-51683
- Harris, I.A., Jr., Bray, P.J. Si^{2+} NMR spectra of glasses and polycrystalline compounds in the system $\text{K}_2\text{O-SiO}_2$ 1-21070
- Harris, I.R. *see* Evans, J. 1-30391
- Harris, I.R. *see* Hughes, D.T. 1-34491
- Harris, I.R. *see* Irvine, S.J.C. 1-20388
- Harris, J., Painter, G.S. Localized-muffin-tin-orbital basis for atomic-cluster calculations within the local-density formalism 1-6421
- Harris, J. *see* Schachl, W.L. 1-30797
- Harris, J.E. *see* Back, S.H. 1-11854
- Harris, J.J., Joyce, B.A., Dobson, P.J. Oscillations in the surface structure of Sn-doped GaAs during growth by MBE 1-47413
- Harris, J.M. *see* Dovichi, N.J. 1-50131
- Harris, J.S., Jr. *see* Cohen, M.J. 1-16365
- Harris, J.S., Jr. *see* Liu, Y.Z. 1-33052
- Harris, J.S., Jr. *see* Miller, D.L. 1-48834
- Harris, J.W. *see* Farrell, D.E. 1-8940
- Harris, J.W. *see* Geaga, J.V. 1-28449
- Harris, J.W. *see* Hervig, R.L. 1-44143
- Harris, K. *see* Staewen, W.S. 1-22083
- Harris, K.R., Traepien, N.J. The density dependence of the self-diffusion coefficient of liquid methane 1-25480
- Harris, K.R. *see* Woolf, L.A. 1-38571
- Harris, L. Fabricating core barrels for nuclear reactors 1-18741
- Harris, L.A. A titanium dioxide hydrogen detector 1-35586
- Harris, L.D. *see* Ritman, E.L. 1-49123
- Harris, L.P. Clustering of vacuum arc cathode spots 1-38197
- Harris, L.R., Blakemore, C., Donaghy, M. Integration of visual and auditory space in the mammalian superior colliculus 1-17388
- Harris, L.R., Lepore, F., Guillemot, J.P., Cyander, M. Abolition of optokinetic nystagmus in the cat 1-48989
- Harris, M. *see* Lewis, E.L. 1-45893
- Harris, M.E. *see* Vice, G.S. 1-37224
- Harris, M.J. Calculation of (n,γ) cross-sections and astrophysical reaction rates by the nuclear statistical model 1-50573
- Harris, M.J. *see* Wittenberg, L.J. 1-53673
- Harris, N.B.W., Gass, I.G. Significance of contrasting magnetism in North East Africa and Saudi Arabia 1-44150
- Harris, N.S. Modern diffusion pump vs turbomolecular pump systems 1-275
- Harris, P. Band-gap collapse in uniaxially strained (shocked) elastic germanium 1-42684
- Harris, R. Metastable states in the random anisotropy model for amorphous ferromagnets: the absence of ferromagnetism 1-12248
- Harris, R., Zuckermann, M.J. Random crystal field effects in amorphous rare-earth alloys 1-20940
- Harris, R. *see* Hays, P.J. 1-45371
- Harris, R. *see* Hughes, D.T. 1-20459
- Harris, R.A., Stodolsky, L. The effect of the parity violating electron-nucleus interaction on the spin-spin coupling Hamiltonian of chiral molecules 1-10867
- Harris, R.A. *see* Bennett, R.A. 1-23743
- Harris, R.A. *see* Ombrellaro, P.A. 1-50720
- Harris, R.K., Jones, J., Knight, C.T.G., Pawson, D. Silicon-29 NMR studies of aqueous silicate solutions. II. Isotopic enrichment 1-26045
- Harris, S., Gilmore, A. Solidification of low-level waste—a dilemma for the small user 1-18775
- Harris, S.E. *see* Rothenberg, J.E. 1-46301
- Harris, S.J., Gilmore, A. Penetration of protective gloves as a route of intake for tritiated water and ^{125}I -labelled sodium iodide solution 1-27010
- Harris, S.J., Weiner, A.M. Detection of atomic oxygen by intracavity spectroscopy 1-53516
- Harris, S.J. *see* Nutton, D.H. 1-46847
- Harris, S.J. *see* Nutton, D.H. 1-27006
- Harris, S.M., Barrow, R.F. Observations on the electronic spectrum of gaseous FeO 1-51219
- Harris, T. *see* Ryan, H.M. 1-11498
- Harris, T.D. *see* Shirk, J.S. 1-18274
- Harris, T.L., Hayford, M.J. New developments in CODE V optimization 1-46501
- Harris, W.C. *see* Hodul, D.T. 1-31256
- Harris, W.E. The Galactic distance scale: globular clusters 1-36349
- Harris, W.E., Canterna, R. Color-magnitude photometry to the main sequence for the anomalous globular cluster Palomar 12 1-9585
- Harris, W.E., Smith, M.G. A deep BV photometric analysis of a background field in Virgo 1-40559
- Harris, W.E. *see* Turner, D.G. 1-9587
- Harris, W.F. *see* Delcourt, H.R. 1-49373
- Harris, W.H. *see* Harrigan, T.P. 1-13278
- Harris, W.H. *see* Tepic, S. 1-17445
- Harrison, A., Kemp, W.R.G. Helium gas flow monitor [for cryostats] 1-14122
- Harrison, A.J. *see* Lou, D.Y.S. 1-17310
- Harrison, A.P. *see* Irvén, J. 1-11206, 1-33807
- Harrison, A.W. *see* Mathai, C.V. 1-22418, 1-36064
- Harrison, C.G.A. Spreading rates and heat flow 1-40093
- Harrison, D. *see* Lund, L.J. 1-9161
- Harrison, D. *see* Whiteman, J.R. 1-24818
- Harrison, D.E. Dissipation mechanisms and the importance of eddies in model ocean energy budgets 1-27189
- Harrison, D.E. Some Eulerian-scale analysis results: eddy terms in the mean heat, momentum and vorticity equations 1-54120
- Harrison, D.E., Jr., Garrison, B.J., Winograd, N. Atom ejection mechanisms and models 1-31271
- Harrison, D.E., Jr. *see* Winograd, N. 1-8177
- Harrison, D.W., Lim, K.C., Thompson, J.D., Huang, C.Y., Hambourger, P.D., Luo, H.L. Observation of the transition from semiconductor to high- T_c superconductor in $(\text{Sn}, \text{Eu})_{1-x}\text{Mo}_2\text{S}_8$ under high pressure 1-42881
- Harrison, E.R. The paradox of the dark night sky 1-32782
- Harrison, E.R., Brown, F.J. A 10 meganewton (1000 tonf) force standard 1-256
- Harrison, G. Theory for the initiation and mechanism of neuron myelination 1-13229
- Harrison, G.F., Evans, W.J. Friction stresses and anelastic recovery during creep 1-12837
- Harrison, G.F., Evans, W.J., Weaver, M.J. The influence of time dependent deformation on fatigue behavior at ambient and elevated temperatures 1-35391
- Harrison, G.H., Balcer-Kubiczek, E.K. The oxygen enhancement ratio for $\text{d}(80)+(\text{Be}+\text{Ta})$ and $\text{d}(80)+(\text{Ta}+\text{Be})$ neutrons 1-8923
- Harrison, H. *see* Ronnholm, K. 1-22488
- Harrison, H.B. Characterising metal semiconductor OHMIC contacts 1-30822
- Harrison, H.R. *see* Joshi, G.M. 1-30747
- Harrison, I.R., Runt, J. Heat of fusion of polymer crystals: thermodynamics of melting 1-7299
- Harrison, I.R., Runt, J. Incompatible blends: thermal effects in a model system 1-52261
- Harrison, I.R. *see* Runt, J. 1-7300
- Harrison, J., Kent, H., Olson, T., Santamaria, G., White, R. A low-inductance, 300 kJ, 1.2 MV, Marx generator for the LASL-ANTARES laser facility 1-33659
- Harrison, J.E., Avitable, M.J., Gutstein, W.H. An implantable electronic brain stimulator for small animals 1-32334
- Harrison, J.P. *see* Guillon, F. 1-16135
- Harrison, J.P. *see* Peters, C. 1-20499
- Harrison, K.G. *see* Delafield, H.J. 1-969
- Harrison, K.J. *see* Castellano, J.A. 1-38280
- Harrison, M.F.A., Harbour, P.J., Hoston, E.S., Morgan, J.G. A study of the boundary layer of INTOR 1-29846
- Harrison, M.R. *see* Dillon, K.B. 1-14932
- Harrison, P.M. *see* Clegg, G.A. 1-21981, 1-39883
- Harrison, R.G., Gupta, P.K., Kar, A.K., Taghizadeh, M.R. A simple and efficient optically pumped NH_3 laser system 1-6575
- Harrison, R.G., Hawkins, H.L., John, P., Leo, R. Infrared laser multiple-photon dissociation of cyclobutane 1-29060
- Harrison, R.P. *see* Mitchell, D.N. 1-13024
- Harrison, R.W. Optical flare measurements 1-50188
- Harrison, R.W. Adapter for standardizing readings obtained from different microreflectometers 1-50192
- Harrison, R.W. *see* Goodman, D.S. 1-50193
- Harrison, S.C. Protein interfaces and intersubunit bonding. The case of tomato bushy stunt virus 1-8807
- Harrison, W.A. *see* Shang-Yuan Ren 1-42671
- Harrison, W.B. *see* Boord, W.T. 1-37571
- Harrison, W.C. *see* Medwell, C.G. 1-28554
- Harrison, W.D. Application of Landsat data on a low order soil survey in South Central Idaho 1-9162
- Harrison, W.J. *see* Mysen, B.O. 1-39068
- Harrison, W.W. *see* Bentz, B.L. 1-38167
- Harris, D.K., Rioux, F. A simple Hartree SCF calculation on a one-dimensional model of the He atom 1-6148
- Harriss, J.E., Young, R., Thomas, E.W. Scattering of 5- to 30-keV hydrogen from surfaces 1-16640
- Harriss, J.E. *see* Thomas, E.W. 1-26330
- Harrmann, N. *see* Vaurio, J.K. 1-45662
- Harsch, D.E. Evaluation of a versatile gas sampling container design 1-21959
- Harsh, P.W. *see* Burford, R.O. 1-32392
- Harshbarger, W.R., Porter, R.A. Excitation of C^{∞} state of N_2 in a radio-frequency glow discharge 1-41369
- Hart, A. Van Der *see* Van Der Hart, A.
- Hart, C.P. *see* Stephens, R.J. 1-8901
- Hart, D.R. A selected bibliography of radiation effects on whole organisms, populations and ecosystems 1-13954
- Hart, H., Hartig, G. Non-Gaussian error boundaries 1-23155
- Hart, H.E. *see* Chung, V. 1-32240
- Hart, H.L. *see* Leung, E.M.W. 1-51693
- Hart, H.R., Jr. *see* Markiewicz, R.S. 1-38763
- Hart, J.C. *see* Bell, K.W. 1-6101, 1-37063
- Hart, J.C. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Hart, L., Pedlar, A. Further observations of radio recombination lines from the direction of the Galactic Centre 1-27591
- Hart, M. Crystal diffraction optics for X-rays and neutrons 1-40919
- Hart, M., Rodrigues, A.R.D. Optical activity and the Faraday effect at X-ray frequencies 1-48047
- Hart, M., Sauvage, M., Siddons, D.P. 'White beam' synchrotron X-ray interferometry 1-10052
- Hart, M. *see* Forro, J.R. 1-53531
- Hart, P.E. *see* McLemore, D.R. 1-18869
- Hart, P.E. *see* Matthews, R.B. 1-10507
- Hart, P.E. *see* Ryon, A.D. 1-23843
- Hart, P.E. *see* White, G.D. 1-43302
- Hart, R.L. *see* Sheih, C.M. 1-22416
- Hart, R.M. *see* Bergman, J.G. 1-39169
- Hart, S.R. *see* Richardson, S.H. 1-44148
- Hart, S.R. *see* Staudigel, H. 1-54024
- Hart, W. *see* Bloch, M. 1-538
- Harte, J. *see* Estabrook, K. 1-51926
- Hartel, K. *see* Essel, H. 1-6076
- Hartel, K. *see* Rehm, K.E. 1-50641
- Hartel, W. *see* Beth, J.W. 1-35865
- Harten, R.H., Thum, C., Felli, M. Radio continuum emission from the Cepheus OB3 molecular cloud-infrared source 1-54493
- Harter, D.J., Boyd, R.W. Nearly degenerate four-wave mixing enhanced by the AC Stark effect 1-15219
- Harter, M.R., Guido, W. Attention to pattern orientation: negative cortical potentials, reaction time, and the selection process 1-26904
- Hartfield, G.L. *see* Freeman, L.B. 1-50873
- Hartford, A. Infrared laser photochemistry 1-4102
- Hartford, A., Jr., Huber, E.J., Lyman, J.L., Clark, J.H. Laser purification of silicone: impurity reduction to the sub-part-per-million level 1-4105
- Hartford, M. *see* Wikstrand, J. 1-22158
- Hartfuss, H.J. *see* Okuyama, K. 1-42908
- Harth, R. *see* Pruscek, R. 1-48783
- Harthcock, M.A. *see* Richardson, L.W. 1-28949
- Harthong, J. Moire patterns 1-15070
- Hartig, G. *see* Hart, H. 1-23155
- Hartig, K.J., Lichtscheide, J., Getoff, N. Production of polycrystalline n-TiO_2 layers for photoelectrochemical purpose 1-48256
- Hartill, D.L. *see* Bebek, C. 1-33191

- Hartill, D.L. *see* Chadwick, K. 1-33192
Hartill, D.L. *see* Day, C.T. 1-45312
Harting, D. *see* Johnson, P. 1-5659
Harting, D. *see* van Aepeldorn, G.W. 1-45357
Harting, E. *see* Mills, D. 1-31983
Hartkopf, W.I. *see* Yoss, K.M. 1-40460
Hartl, H. *see* Moss, R. 1-36377
Hartl, H. *see* Pitt, J. 1-9838
Hartl, W. *see* Schwoerer, M. 1-45996
Hartland, S., Vohra, D.K. Effect of interdrop forces on the coalescence of drops in close-packed dispersions 1-16145
Hartle, J.B. Quantum effects in the early Universe. IV. Nonlocal effects in particle production in anisotropic models 1-17921
Hartley, C.D. *see* Ainscough, J.B. 1-45626
Hartley, C.S., Jenkins, D.A. Tensile testing at constant true plastic strain rate 1-35458
Hartley, C.S., Jenkins, D.A., Lee, J.-J. Strain dependence of strain-rate sensitivity 1-21535
Hartlieb, B., Winkelnkemper, H. Calculation of the breakdown voltage of SF₆-gas-mixtures 1-38164
Hartline, R. *see* Aslin, H. 1-33352
Hartlove, J. Digital heterodyne holographic interferometry of flow fields [laser system gain region] 1-41623
Hartman, H. *see* Lennartz, H. 1-39839
Hartman, J.S., Gordon, R.L., Lessor, D.L. Quantitative surface topography determination by Nomarski reflection microscopy. II. Microscope modification, calibration, and planar sample experiments 1-5373
Hartman, J.S. *see* Lind, M.A. 1-1662, 1-12908
Hartman, P.G. *see* Allan, J. 1-32093
Hartman, R.C. *see* Lamb, R.C. 1-9721
Hartman, R.F. *see* Cockfield, R.D. 1-48886
Hartman, R.L. *see* Anthony, P.J. 1-37507
Hartman, R.L. *see* Nash, F.R. 1-15170
Hartman, R.L. *see* Tsang, W.T. 1-41747
Hartmann, B., Lee, G.F. Additive properties of some crosslinked epoxies 1-11884
Hartmann, D.L., Short, D.A. On the use of Earth radiation budget statistics for studies of clouds and climate 1-22485
Hartmann, E. Symmetrical configurations by capillary forces 1-7423
Hartmann, E., Schonherr, E. Determination of crystal growth rates from the vapour by relaxation 1-11709
Hartmann, E., Sheftal, N.N., Klykov, V.I. On the orientation effect of capillary forces 1-7422
Hartmann, E. *see* Klykov, V.I. 1-7482
Hartmann, E. *see* Polgar, K. 1-8211
Hartmann, F. *see* Pique, J.P. 1-51311
Hartmann, F.J. *see* Daniel, H. 1-51069
Hartmann, F.J. *see* Knight, J.D. 1-15039
Hartmann, F.J. *see* Reidy, J.J. 1-15043
Hartmann, F.J. *see* von Egidy, T. 1-46175
Hartmann, F.J. *see* Wilhelm, W. 1-28467
Hartmann, G. Theoretical evaluation of Peek's law 1-20021
Hartmann, G.K. Recent aspects of ionospheric scintillation observations 1-49452
Hartmann, G.K. *see* Lettinger, R. 1-22571
Hartmann, H., Chung, K.-M. Classical nonlinear field theory of chemical bonding 1-41292
Hartmann, H. *see* Arends, J. 1-23642
Hartmann, H. *see* Boerner, H. 1-14741
Hartmann, H. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
Hartmann, H. *see* Breman, J. 1-43817
Hartmann, H. *see* McKeown, R.D. 1-28499
Hartmann, J.L. *see* Faissler, W. 1-45351
Hartmann, K.M., Schurmann, B. Direct versus thermal particle emission in high-energy heavy-ion collisions: light fragment emission and the ratio of neutron to proton inclusive cross sections 1-18674
Hartmann, L., Jaffe, D., Huchra, J.P. On the nature of MWC 349 1-9504
Hartmann, L., MacGregor, K.B. Momentum and energy deposition in late-type stellar atmospheres and winds 1-44540
Hartmann, L.W. *see* Black, J.H. 1-9595
Hartmann, L.W. *see* Mattel, J. 1-44569
Hartmann, L.W. *see* Treves, A. 1-49720
Hartmann, R. *see* Pruys, J.S. 1-50659
Hartmann, S.R. *see* Kachru, R. 1-14982
Hartmann, S.R. *see* Mossberg, T.W. 1-14983, 1-51367
Hartmann, V. *see* Arlt, U. 1-5796
Hartmann, W., Franz, G. Real-time X-ray topography studies of the viscoelastic behavior of SiO₂ in the system Si/SiO₂ 1-39362
Hartmann, W. *see* Baumgart, H. 1-29972
Hartmann, W. *see* Breitamer, B. 1-21607
Hartmann, W.K. *see* Degewij, J. 1-44503
Hartmann-Bouton, F. On the use of Liouville relaxation supermatrices in Mossbauer studies. III. Application to Mossbauer relaxation in superconductors 1-21088
Hartmannsgruber, R. *see* Ziegler, B. 1-13542
Hartmanova, M. *see* Andreev, G.A. 1-25441
Hartnagel, H.L. *see* Gupta, R.P. 1-48167
Hartnagel, H.L. *see* Langer, D.W. 1-16373
Hartnagel, H.L. *see* Mathur, P.C. 1-32014
Hartnagel, H.L. *see* Schurmer, F.L. 1-42863
Hartness, R. *see* Salt, A. 1-40779
Hartnett, J.P. *see* Cho, Y.I. 1-29735, 1-29736
Hartog, A.H. *see* Conduit, A.J. 1-11145
Hartog, H.W. *see* den Hartog, H.W.
Hartog, A., van Beelen, H. Isothermal flow of superfluid helium in extremely long tubes 1-52375
Hartnaff, R.J., Sih, G.C. The influence of the Soret and Dufour effects on the diffusion of heat and moisture in solids 1-2670
Hartnaff, R.J., Sih, G.C. The influence of coupled diffusion of heat and moisture on the state of stress in a plate 1-46681
Hartrott, M. *see* von Hartrott, M.
Hartrott, M.V. *see* Wehrreter, E. 1-31072
Hartson, M. *see* Chopp, M. 1-49113
Hartsough, L.D. *see* Denison, D.R. 1-30582
Hartstein, A., Fowler, A.B., Albert, M. Temperature dependence of scattering in the inversion layer [of silicon] 1-7750
Hartstein, A. *see* Fowler, A.B. 1-47753
Hartstuck, J.A. *see* Narasinga Rao, S. 1-11712
Hart, K. Padé approximants, NN scattering, and hard core repulsions 1-5747
Hartung, C., Jurget, R., Ritze, H.-H. Sub-Doppler optical heterodyne spectroscopy 1-23319
Hartung, R. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
Hartung, R.W. *see* Bamberger, A. 1-14417
Hartung, V., Hofmann, J., Kindermann, C. The heliostat field layout of the EEC experimental solar power plant 1-31981
Hartwick, C.A. *see* Bachalo, W.D. 1-33049
Hartwick, F.D.A., Cowley, A.P. Globular clusters in the LMC 1-36360
Hartwig, H. *see* Hothker, K. 1-25088
Hartwig, H. *see* Pospieszny, A. 1-30554
Hartwig, K.T., Saffari-Kermani, A.A., Perepko, J.H. Mechanical behavior of dilute aluminum alloys for low temperature, high conductivity applications 1-21465
Hartwig, P. *see* Muller, H. 1-20553
Hartzell, R.A. *see* Sekerka, R.F. 1-7649
Hartzell, S. Faulting process of the May 17, 1976 Gzli, USSR earthquake 1-53990
Hartzstein, C., Zevin, V., Weger, M. The phase diagram of TTF-TCNQ under pressure 1-34473
Hartzstein, C. *see* Gutfreund, H. 1-30733
Harutunyan, V.E. *see* Agamalyan, N.R. 1-21241
Haruyama, M., Kanazawa, A. Analysis beyond leading twist for F₂⁺ moments 1-506
Haruyama, S. *see* El-Taib Heakal, F. 1-43569
Harvey, B.G. *see* Lebrun, D. 1-41089
Harvey, C.J. *see* Morris, C.L. 1-50498
Harvey, G.T., Gabel, C.W., Mourou, G. Synchronization of a mode-locked Nd:YAG-argon ion laser system 1-46411
Harvey, G.T., Mourou, G., Gabel, C.W. Synchronization of an active-passive mode-locked Nd:YAG laser and a mode-locked argon ion laser 1-51531
Harvey, I.R. *see* Williams, E.D. 1-53912
Harvey, J.A., Kolb, E.W., Reiss, D.B., Wolfram, S. Cosmological constraints on heavy weakly interacting fermions 1-44683
Harvey, J.A. *see* Garg, J.B. 1-45482
Harvey, J.A. *see* Plattard, S. 1-18698, 1-45549
Harvey, J.R. The basis of a suggested instrumental approach to the surveying of neutron fields and the measurement of personal dose from neutrons 1-45740
Harvey, J.W. *see* Fossat, E. 1-49593
Harvey, M. On the fractional-parentage expansions of color-singlet six-quark states in a cluster model 1-45429
Harvey, M. Effective nuclear forces in the quark model with delta and hidden-color channel coupling 1-45430
Harvey, P.K., Laxton, R.R. The estimation of finite strain from the orientation distribution of passively deformed linear markers: eigenvalue relationships 1-49254
Harvey, P.M. *see* Thronson, H.A., Jr. 1-44533
Harvey, R.B. *see* Kelly, T.J. 1-40174
Harvey, R.W., Marx, K.D., McCoy, M.G. Non-linear Fokker-Planck studies of RF current drive efficiency 1-51914
Harvey, S.S.K. *see* Scott, D. 1-35403
Harward, E.D. An overview of the nuclear industry's experience in the United States 1-50950
Harwerth, R.S. *see* Sperlin, H. 1-35820
Harwerth, S. *see* Smith, E.L., III 1-17393
Harwit, M. *see* Bierman, P. 1-22871
Harwit, M. *see* Gull, G. 1-9621
Harwit, M. *see* Melnick, G. 1-49744
Harwit, M. *see* Russell, R.W. 1-4936
Harwood, J.J. *see* Beardmore, R. 1-12955
Harwood, L.H. *see* Ledebuhr, A.G. 1-5742
Harwood, R.S., Pyle, J.A. The dynamical behaviour of a two-dimensional model of the stratosphere 1-22455
Hasai, H. *see* Iwami, K. 1-14719
Hasai, H. *see* Koyama, R. 1-44000
Hasaka, M. Ordering and phase separation in the Fe-Al alloy 1-12722
Hasan, B.K., Grant, D.M. Arc interruption in SF₆ mixtures 1-15694
Hasan, D. *see* Kenigsberg, A. 1-834
Hasan, F., King, P.J., Monk, D.J., Murphy, D.T., Rampton, V.W., Wiscombe, P.C. Phonon spectroscopy of Mn²⁺ in MgO 1-15968
Hasan, F., King, P.J., Murphy, D.T., Rampton, V.W. Phonon spectroscopy of ion pairs in Al₂O₃ 1-15969
Hasan, M. *see* Anand, J.D. 1-5577, 1-49703
Hasan, S.S. Magnetohydrodynamic equilibrium and stability of pre-flare loops. Constant pitch field 1-4851
Hasan, Z. *see* Patterson, H.H. 1-8108
Hasanain, S.K. *see* Guyot, M. 1-16450
Hasche, K. Practical investigations of metrological properties of measuring devices for the measurement of mechanical quantities 1-23222
Hascheke, J.M., Stakebaue, J.L. Decomposition kinetics of plutonium hydride 1-26741
Hascheke, A.D., Crange, P.C., Greenfield, P.E., Burke, B.F., Baan, W.A. High-resolution observations of the neutral hydrogen absorption and radio continuum emission of the radio source 3C 178 1-9699
Haschick, A.D. *see* Baan, W.A. 1-54620
Haschick, A.D. *see* Ho, P.T.P. 1-54470
Haschick, A.D. *see* Schneps, M.H. 1-49746
Haschke, J.M., Hodges, E., III, Smith, C.M., Oetting, F.L. Equilibria and thermodynamic properties of the plutonium-hydrogen system 1-3705
Haschke, J.M. *see* Beda, S. 1-26439
Haschke, J.M. *see* Fahey, J.A. 1-25238
Hascik, J. *see* Grone, R. 1-1020
Hase, H. Nature of electron traps and solvation mechanism in organic glasses 1-53446
Hase, I., Fukuda, H., Yoshimori, A. Higher order spin interaction and anisotropy energy in the antiferromagnetic structures of the pyrite type crystal 1-52750
Hase, T., Egashira, T., Iseki, T., Suzuki, H. Polytypes of plate-like grains in pressureless-sintered SiC 1-16727
Hase, T., Suzuki, H. Observation of submicron β -SiC powder by transmission electron microscopy 1-20038
Hase, T., Suzuki, H. Sintering and microstructure of submicron α -SiC from green and black carbide abrasives 1-21404
Hase, T., Suzuki, H. Initial-stage sintering of β -SiC with concurrent boron and carbon additions 1-21406
Hase, T., Suzuki, H., Iseki, T. Sinterability of submicron SiC prepared from silicization of carbon black under presence of Al additives 1-31404
Hase, W.L. *see* Wolf, R.J. 1-8558, 1-10709
Hase, Y., Alves, O.L. Urey-Bradley force constants, normal vibrations and Raman active fundamental frequencies of [M(CH₃CN)₆]²⁺ (M = Mn, Fe, Co, Ni, Cu and Zn) 1-35019
Hasebe, K., Mashiya, H., Tanisaki, S. X-ray diffraction study on the incommensurate-commensurate phase transitions in [N(CH₃)₄]₂CoCl₄ 1-11860
Hasebe, K. *see* Matsunaga, K. 1-40147
Hasebe, K. *see* Tanisaki, S. 1-30156
Hasebe, M., Nishizawa, T. Calculation of phase diagrams of the iron-copper and cobalt-copper systems 1-16753
Haseda, T. *see* Okuda, Y. 1-7832, 1-34865
Hasegawa, A. Self-confinement of multimode optical pulse in a glass fiber 1-6670
Hasegawa, A. Toroidal current production by kinetic Alfvén wave 1-6956
Hasegawa, A. Electronic structure of La mononitrides 1-20605
Hasegawa, A., Hayashi, M. ESR spectra and structure of the (CH₃)₂AlX⁺ (X = Cl, Br, I) radical anions 1-45995
Hasegawa, A., Yanase, A. Fermi surface of YAl₂ 1-7507
Hasegawa, A. *see* Abe, K. 1-40826
Hasegawa, A. *see* Okuda, H. 1-11545
Hasegawa, E. *see* Matsufuji, H. 1-46729
Hasegawa, H. Single-site spin fluctuation theory of itinerant-electron systems with narrow bands. II. Iron and nickel 1-7846
Hasegawa, H. Thermodynamics and transient dynamics of simple optical systems with instability 1-33746
Hasegawa, H., Adachi, K., Yasui, I., Imaoka, M. X-ray diffraction study of Li₂O-SiO₂ glass 1-20076
Hasegawa, H., Imaoka, M. X-ray diffraction study of 2 Na₂O·3 WO₃ glass 1-20074
Hasegawa, H., Mabuchi, M., Baba, T. On the usefulness of stochastic calculus applied to adiabatic elimination in Langevin equations 1-9933
Hasegawa, H., Nakagomi, T. On the characterization of the stationary state of a class of dynamical semigroups 1-36595
Hasegawa, H., Nakagomi, T., Mabuchi, M., Kondo, K. Nonequilibrium thermodynamics of lasing and bistable optical systems 1-23133
Hasegawa, H., Sawada, T. On the distribution and properties of interface states at compound semiconductor-insulator interfaces 1-12209
Hasegawa, H., Sawada, T. Photocapacitance transient spectroscopy study of compound semiconductor-insulator interface states 1-52658
Hasegawa, H. *see* Imaoka, M. 1-20075

- Hasegawa, H. see Kojima, K. 1-39253, 1-39256
Hasegawa, H. see Yokoyama, S. 1-47748
Hasegawa, H.K. see Alvares, N.J. 1-6032
Hasegawa, H.S., Lahr, J.C., Stephens, C.D. Fault parameters of the St. Elias, Alaska, earthquake of February 28, 1979 1-49222
Hasegawa, H.S. see Goodacre, A.K. 1-40108
Hasegawa, H.S. see Rogers, G.C. 1-53994
Hasegawa, I., Shimizu, T. Some statistics on long-period comets 1-44512
Hasegawa, K., Shimodoya, I. A variational calculation on the n-d system. An extended resonating-group method 1-580
Hasegawa, K. see Hanlon, J. 1-18464
Hasegawa, K. see Kitagaki, T. 1-18467
Hasegawa, K. see Matsuzawa, H. 1-42229
Hasegawa, M., Kanesaki, N. Modification of quasi-particle theory in spherical nuclei. III. Couplings between pairing vibration and quadrupole vibration 1-18580
Hasegawa, M., Young, W.H. Bulk moduli of liquid metals by the homogeneous deformation and long wave methods 1-30290
Hasegawa, M. see Inomata, K. 1-16713
Hasegawa, N. see Hirose, M. 1-26581
Hasegawa, R. Magnetic properties of glassy (Fe-Ni)₈₆B₁₄ alloys 1-30982
Hasegawa, R. see Higashiguchi, M. 1-226
Hasegawa, R. see Mehra, M. 1-11682
Hasegawa, R. see Ruckman, M.W. 1-2334
Hasegawa, S., Kasajima, T., Shimizu, T. ESR in doped CVD amorphous silicon films 1-47931
Hasegawa, S., Shimizu, T., Hirose, M. ESR in heavily doped CVD amorphous silicon films 1-52828
Hasegawa, S. see Fukuda, K. 1-1987
Hasegawa, S. see Kamiuto, K. 1-19798
Hasegawa, S. see Lattes, C.M.G. 1-14437
Hasegawa, S. see Yasuno, Y. 1-35888
Hasegawa, T., Yakou, T. Effects of stress reversal and thermal recovery on stress vs. strain behavior in aluminium 1-16851
Hasegawa, T. see Onuma, H. 1-18635
Hasegawa, T. see Sasaki, Y. 1-19536
Hasegawa, T. see Shin, K. 1-18890, 1-28697
Hasegawa, T. see Shiraishi, T. 1-26997
Hasegawa, Y. Levy's functional analysis in terms of an infinite dimensional Brownian motion. I 1-18156
Hasegawa, Y. Levy's functional analysis in terms of an infinite dimensional Brownian motion. II 1-18157
Hasegawa, Y., Tanaka, H., Inomata, Y., Suzuki, H. Oxidation behavior of hot-pressed Si₃N₄ with Y₂O₃ and Al₂O₃ additions 1-16934
Hasegawa, Y., Tanaka, H., Tsutsumi, M., Suzuki, H. Oxidation behavior of hot-pressed Si₃N₄ with addition of Y₂O₃ and Al₂O₃ 1-21619
Hasegawa, Y. see Mitomo, M. 1-21533
Hasek, C.S., Singh, S., Murry, T. Acoustic attributes of preadolescent voices 1-15329
Hasselbach, E., Gschwind, R., Klemm, U. Electronic and molecular structure of some organic radical cations in rigid organic systems 1-51111
Hasselbacher, I. see Martignoni, K.D. 1-8926
Hasselton, F.R., Scherer, P.W. Bronchial bifurcations and respiratory mass transport 1-4317
Hasselton, F.R. see Scherer, P.W. 1-17443
Hasselton, H.H. see Menon, M.M. 1-985
Hasselton, H.T., Newton, R.C. Thermodynamics of pyrope-grossular garnets and their stabilities at high temperatures and high pressures 1-44168
Hasefratz, P., Horgan, R.R., Kuti, J., Richard, J.M. The effects of coloured glue in the QCD motivated bag of heavy quark-antiquark systems 1-5604
Hasefratz, P., Horgan, R.R., Kuti, J., Richard, J.M. Heavy baryon spectroscopy in the QCD bag model 1-28294
Hasepasch, O. Loading distributed uniformly. Voltage sharing in a double-break switching 1-25081
Haser, R. see Caranoni, C. 1-34294
Hasert, F.J. see Fritze, P. 1-14431
Hashed, I.F. see Nasseir, A. 1-21126
Hashemi-Attar, A.-R. see Beckel, C.L. 1-37290
Hashemian, H.M., Kerlin, T.W., Cormault, P., Jacquot, J.P. Validation of techniques for response time testing of temperature sensors in PWRs 1-28534
Hashemian, H.M. see Kerlin, T.W. 1-50817
Hashi, M., Tsuchiya, S., Takayanagi, K. A perturbed rotational state treatment of collisions between polar molecules 1-10812
Hashi, T. see Kunitomo, M. 1-21066, 1-34957
Hashi, T. see Muramoto, T. 1-51565
Hashi, T. see Nakanishi, S. 1-37556
Hashi, T. see Yamada, K. 1-46017
Hashiba, M. see Nakayama, K. 1-31405
Hashiba, M. see Satoh, K. 1-30558
Hashiba, M. see Yamashina, T. 1-25584
Hashimoto, A. see Sakino, H. 1-17636
Hashimoto, E., Murakami, Y., Kino, T. Annealing kinetics of vacancies in aluminum single crystals with low dislocation density 1-8345
Hashimoto, E. see Kabemoto, S. 1-44956
Hashimoto, F. see Kamiura, Y. 1-2910
Hashimoto, H. see Fukuta, M. 1-25312
Hashimoto, H. see Hiyamizu, S. 1-12660
Hashimoto, H. see Kumao, A. 1-47046
Hashimoto, H. see Mitic, A. 1-30656
Hashimoto, H. see Ohkawa, T. 1-47029
Hashimoto, H. see Shibahara, H. 1-30013
Hashimoto, K., Higuchi, Y., Hoshizaki, N. np phase shifts from 1.1~1.7 GeV/c 1-45338
Hashimoto, K., Hoshizaki, N. Suggestion of a new dineutron resonance in an isosinglet, negative-parity state 1-41004
Hashimoto, K. see Asami, K. 1-21628
Hashimoto, K. see Fujita, H. 1-20068
Hashimoto, K. see Kawashima, A. 1-53257
Hashimoto, K. see Margolin, H. 1-52145
Hashimoto, K. see Masumoto, T. 1-35427
Hashimoto, K. see Naka, M. 1-35425
Hashimoto, K. see Sano, K. 1-14161
Hashimoto, K. see Shimizu, T. 1-16725
Hashimoto, K. see Wakamatsu, S. 1-5830
Hashimoto, M. Cutoff frequencies of vector wave modes in cladded inhomogeneous optical fibre 1-6665
Hashimoto, M. Reflection of waves by imperfectly periodic layered media 1-10894
Hashimoto, M. Comments on 'Cutoff frequencies of vector wave modes in cladded inhomogeneous optical fibre' 1-33810
Hashimoto, M., Ogihara, H., Kambe, K. Crystalization of amorphous Sb_{1-x}Bi_x (x=0.2) films 1-42301
Hashimoto, M., Paulus, H., Weiss, A. Crystal structure and phase transformation of trichloroethylene trichloroacetate ester (chloralide), Cl₃CCOCHOCCHOCCL₃. An X-ray and NQR study 1-20175
Hashimoto, M., Weiden, N., Weiss, A. Chlorine NQR on derivatives of chloral 1-7974
Hashimoto, M. see Kobayashi, H. 1-32179
Hashimoto, M. see Shibata, K. 1-826
Hashimoto, O. see Shibata, T.A. 1-37040
Hashimoto, R. An approach to the quantitative estimation of the Achilles tendon reflex using an accelerometer 1-40018
Hashimoto, S. see Ikuta, S. 1-10714
Hashimoto, T. Information processing of speech sounds in the medial geniculate and the inferior colliculus 1-17407
Hashimoto, T., Komatsu, S., Kido, K., Sotobayashi, T. Elution behavior of alpha-recoil atoms into etchant and observation of their tracks on the mica surface 1-28795
Hashimoto, T., Nakamura, N., Shibayama, M., Izumi, A., Kawai, H. Microdomain size of styrene-isoprene block copolymers and unperturbed chain dimension of polyisoprene having high 1,2- and 3,4-linkages 1-34251
Hashimoto, T. see Kawai, H. 1-34253
Hashimoto, T. see Kyu, T. 1-31124
Hashimoto, T. see Miyatake, O. 1-15548
Hashimoto, Y., Kawai, K., Suzuki, M., Senoh, M., Michiguchi, Y., Yamada, K., Izumi, S. Development of loose-parts detection system for boiling water reactors 1-45704
Hashimoto, Y., Wada, M. Comparative study of the sensitivity of spores and amoebae of Dictyostelium discoideum to ultraviolet light 1-26962
Hashimoto, Y. see Fujii, H. 1-25896
Hashin, Z., Laird, C. Cumulative damage under two level cycling: some theoretical predictions and test data 1-3828
Hashish, A.H. see Hamza, A.A. 1-33039
Hashizume, A., Wasada, N. Electron-impact ionization efficiency curves of Kr and Xe near the ionization threshold 1-15012
Hashizume, A., Wasada, N. Electron impact ionisation efficiency curve of cadmium 1-24263
Hashizume, H. see Amemiya, Y. 1-13285
Hashizume, H. see Petroff, J.F. 1-20223
Hashizume, H. see Sato, F. 1-38202
Hashmall, J.A. see Brant, P. 1-53049
Hashmi, M.S.J. Strain rate sensitivity of a mild steel at room temperature and strain rates of up to 10³ s⁻¹ 1-43436
Hasimoto, H. see Miyazaki, T. 1-11430
Hasimoto, H. see Shinohara, M. 1-6881
Hasimoto, Y. see Matsuo, Y. 1-32074
Hasimoto, Y. see Yajima, N. 1-22680
Hasinoff, M.D. see Mazzucato, E. 1-14556
Haskell, R.C., Carlson, F.D. Quasi-elastic light-scattering studies of single skeletal muscle fibers 1-32184
Haskins, H.J., Halbach, C.R. Sodium-sulfur load leveling battery system 1-53581
Hasko, S.M. see Gray, P. 1-29795
Haslam, C.G.T., Kearsey, S., Osborne, J.L., Phillips, S., Stoffel, H. Calacetic γ and radio synchrotron radiation 1-44657
Haslam, C.G.T., Pauls, T., Salter, C.J. G93.3+6.9: a highly polarized supernova remnant 1-32741
Haslam, C.G.T. see Andernach, H. 1-49831
Haslar, V., Vostry, P., Sprusil, B. Electrical resistivity measurements on the superplastic Zn-Al alloy 1-43419
Haslett, J. DeBroglie wavelength and DeBroglie thesis 1-40635
Hasong Pak, Codispoti, L.A., Zaneveld, J.R.V. On the intermediate particle maxima associated with oxygen-poor water off western South America 1-54092
Hass, J. see Aubert, J.J. 1-5630
Hassab, J.C., Candel, S.M. Comments on 'Determination of the inhomogeneous structure of a medium from its plane wave reflection response. I. Numerical analysis of the direct problem' [by S.M. Candel et al., with his reply] 1-24549
Hassam, A.B. Fluid theory of tearing instabilities 1-29871
Hassan, H.A. UF₆-pumped-laser systems 1-24390
Hassan, K. Application of lower order integration schemes in linear shell problems 1-49940
Hassan, M.A., Essawy, M.A., Al-Sulaimi, J.S. Geochemistry of some ultramafic and gabbroic rocks from the northern Oman Mountains, United Arab Emirates 1-13434
Hassan, M.H., Gnet, G., Ribler, M., Gazeau, J.P. Formulas for $\chi_m(r, x_T)$ 1-119
Hassan, M.H.A. see Eltayeb, Y.A. 1-54085
Hassan, M.S. see Kharlamov, I.A. 1-21387
Hassan, S.A. see El-Basiony, M.S. 1-43570
Hassan, S.S., Bullough, R.K. Intensity fluctuations in a driven Dicke model 1-6530
Hassan, S.S. see Abraham, E. 1-15210
Hassan, S.S. see Puri, R.R. 1-15132
Hassan, Y.A., Jones, B.G., Adrian, R.J. Measurements and axisymmetric model of spatial correlations in turbulent pipe flow 1-19802
Hassan, Y.A. see Spencer, B.W. 1-10470
Hassanain, N., Loegel, B., Berrada, A., Durand, J. Superconducting and bulk magnetic properties of amorphous La₉₀-Sm₁₀Al₉₀ alloys 1-30864
Hassanain, N. see Berrada, A. 1-25925
Hassanain, N. see Krill, G. 1-30799
Hassard, J. see Bartel, W. 1-18500
Hassard, J. see O'Neill, L.H., Jr. 1-50443
Hassard, J.F. see Bartel, W. 1-45253, 1-45254
Hasse, I. see Pismis, P. 1-4969
Hasse, L., Liss, P.S. Gas exchange across the air-sea interface 1-44288
Hasse, L. see Anto, A.F. 1-22535
Hasse, R.W. Expectation values and uncertainties of radial and angular variables for a three-dimensional coherent oscillator 1-5149
Hasse, R.W. see Diebel, M. 1-50668
Hasselbach, K.M., Spiering, H. The average over a sphere 1-21093
Hasselmann, D.P.H. see Powell, B.R., Jr. 1-25469
Hasselmann, D.P.H. see Satyramurthy, K. 1-2714, 1-37766
Hasselmann, D.P.H. see Singh, J.P. 1-37789, 1-39427
Hasselmann, D.E., Dunkel, M., Ewing, J.A. Directional wave spectra observed during JONSWAP 1973 1-54124
Hasselmann, K. see Shemdin, O.H. 1-13480
Hasselris, F., Lyons, J., Konheim, C.S. Start-up consideration in utility use of a refuse derived fuel 1-53530
Hassenzahl, W.V. Quenches in the superconducting magnet CELLO 1-45792
Hassenzahl, W.V. see Gentile, D. 1-46664
Hassib, A. Electron spin resonance of Mn²⁺ in sodalite 1-16476
Hassib, M. Solar energy utilization for agricultural purposes in Egypt 1-17177
Hassid, S. Collapse of turbulent wakes in stably stratified media 1-11407
Hassingier, J. see Butler, D. 1-44214
Hasslacher, B., Mottola, E. Gauge field model of induced classical gravity 1-5212
Hasslacher, B., Mottola, E. Asymptotically free quantum gravity and black holes 1-44832
Hassler, J.C. see Echenagucia, J. 1-46787
Hassler, K., Hengge, E., Kovar, D. The infrared and Raman spectra of octachloro- and octabromocyclooctatrasilene 1-1223
Hassler, N. see Izycki, M. 1-1419, 1-1420
Hassmann, K. see Artnik, J. 1-5878
Hassner, A. see Stange, H.W. 1-48603
Hasson, D.F. see Joyce, J.A. 1-26584
Hasson, V. Compact high-pressure CO₂ lasers 1-41736
Hassoun, G.Q. One- and two-dimensional hydrogen atoms 1-40623
Hassouni, A. El see El Hassouni, A.
Haste, T.J. see Jones, P.M. 1-48452
Haste, T.J. see Pickman, D.O. 1-41177
Haste, J.B. see Tirmazi, S.H. 1-44957
Hastenrath, M. see Pfefferkorn, G. 1-18339
Hastenrath, S., Lamb, P.J. On the heat budget of hydrosphere and atmosphere in the Indian Ocean 1-17605
Hastie, R.J. see Tang, W.M. 1-29863
Hastings, I.J., Nottley, M.F. Fission gas release from thorium-based fuels: comparison with model predictions 1-23776
Hastings, J.B., Fincher, C.R., Jr., Moran, M., Fischer, J.E. Order-disorder transitions in low stage AsF₆ graphite 1-39333
Hastings, J.M., Corliss, L.M., Kunmann, W., Thomas, R., Begum, R.J., Bak, P. Observation of an unusual magnetic phase transition in NdSn₂ 1-3176
Hastings, O.P., III see Leming, C.W. 1-22970

- Hastings, R.D. *see* Pratt, J.C. 1-18762
Hastings, T.J. *see* Cosier, J. 1-33084
Hastings-James, R. *see* Marble, A.E. 1-32271
Hata, H., Kugo, T., Ohta, N. Skew-symmetric tensor gauge field theory dynamically realized in the QCD U(1) channel 1-50377
Hata, J., Morgan, L.A., McDowell, M.R.C. Electron impact induced transitions between the $n=1,2,3$ levels of atomic hydrogen at low energies 1-19188
Hata, T., Noda, E., Morimoto, O., Hada, T. High rate deposition of thick piezoelectric ZnO films using a new magnetron sputtering technique 1-16683
Hatada, K., Kitayama, T., Terawaki, Y., Tanaka, Y., Sato, H. Structural dependence of carbon-13 NMR spin-lattice relaxation times of 1,4-polyisoprenes 1-24302
Hatada, M. *see* Ikada, Y. 1-34550
Hatada, T. The psychophysical analysis of spatial brightness enhancements with the increment threshold and brightness matching 1-22018
Hatada, T. The spatial interactions and mechanisms of brightness enhancements 1-22019
Hatahara, T. Gas-flow liquid scintillation monitoring system 1-37020
Hatakeyama, I., Tanakadate, A., Okubo, K. A linear displacement transducer by means of photo-potentiometer 1-39984
Hatakeyama, K. *see* Ohta, M. 1-11241, 1-21956, 1-29462
Hatakeyama, M., Murakami, K. Studies of eddy current test of magnetic structure 1-34861
Hatakeyama, R., Oertl, M., Mark, E., Schrittwieser, R. Collisionless drift instability and ion heating in a current-carrying inhomogeneous plasma 1-2185
Hatakeyama, S. *see* Ota, T. 1-46730
Hatakeuchi, G., Tanaka, S. Coupled-mode theory for a plane and a cylindrical wave in optical waveguide Bragg grating lenses 1-37632
Hatakeuchi, G., Tanaka, S. Coupling of two cylindrical guided waves in optical waveguide Bragg grating lenses 1-37633
Hatami, R. Pulsating flow in a heat exchanger 1-24814
Hatamiyan, M. *see* Piszczalski, M. 1-37729
Hatanaka, K., Nakamura, M., Imai, K., Noro, T., Shimizu, H., Sakamoto, H., Shirai, J., Matsusue, T., Nisimura, K. Nuclear-shape effects in the inelastic scattering of polarized deuterons at 56 MeV 1-33255
Hatanaka, K., Yamada, T., Hirose, Y. An effective plastic strain component for low cycle fatigue in metals 1-26536
Hatanaka, K. *see* Sakaguchi, H. 1-50578
Hatanaka, Y. An improvement of the orbital elements of Hyperion 1-44489
Hatano, A. Dynamics of polyelectrolyte solutions. I. A dynamical model for polyelectrolyte 1-38253
Hatano, A. Dynamics of polyelectrolyte solutions. II. The polymer viscosity 1-38254
Hatano, H. *see* Ishida, M. 1-42093
Hatano, M. *see* Tajiri, A. 1-29008, 1-46003
Hatano, Y., Yamamoto, M., Nishijima, Y. Enhanced phosphorescence in intramolecular exciplex systems 1-33486
Hatano, Y. *see* Kokaku, Y. 1-35556
Hatano, Y. *see* Nakamura, Y. 1-30759
Hatayama, A., Koshi, Y., Ogasawara, M. Mixing length hypothesis in the dissipative trapped ion instability 1-42173
Hatayama, A., Ogasawara, M. Effects of impurity ions on the anomalous diffusion due to the dissipative trapped ion instability 1-11530
Hatayama, A., Ogasawara, M. Effects of impurity ions on the anomalous diffusion due to the dissipative trapped ion instability 1-38060
Hatch, A.M. *see* Marston, P.G. 1-48873
Hatch, D.J. *see* Beardmore, C.S. 1-22151
Hatch, D.M. Structural phase transitions in crystals of R₃ symmetry 1-52287
Hatch, D.M., Merrill, L. Landau description of the calcite-CaCO₃(II) phase transition 1-34452
Hatch, M.R., Stoltzmann, D.E. The f-stops here 1-10039
Hatch, M.R. *see* Abel, I.R. 1-46525
Hatcher, C.R. *see* Lee, D.M. 1-18970
Hatcher, C.W., Hendricks, C.D. Micromanipulation. The key to assembling fusion targets 1-5993
Hatcher, C.W. *see* Campbell, E.M. 1-41228
Hately, M.C. *see* Ellington, H.I. 1-5056, 1-9815
Hatem, G., Gaune-Escard, M. Influence of an order effect on the thermodynamic properties of mixing of molten salts asymmetrical systems AB₂A'B 1-30390
Hathfield, B.F. *see* Ney, E.P. 1-9517
Hathaway, C.D. A ternary solvent programmer for high performance liquid chromatography 1-31922
Hathaway, D.H., Toomre, J., Gilman, P.A. Convective instability when the temperature gradient and rotation vector are oblique to gravity. II. Real fluids with effects of diffusion 1-4760
Hathaway, K. *see* Cullen, J.R. 1-20297
Hatherly, M. *see* Wakefield, P.T. 1-53204
Hathout, A.M., Westfall, R.M., Dodds, H.L., Jr. SCALE system cross-section validation for criticality safety analysis 1-45672
Hatibara, J. Relative permittivity of the acetates of potassium, lithium, rubidium and cesium 1-34970
Hatlee, M.D., Kozak, J.J. Random walks on finite lattices with traps. II. The case of a partially absorbing trap 1-44861
Hatlee, M.D., Kozak, J.J. A stochastic approach to the theory of intramolecular kinetics. II. Master equation for reversible reactions 1-48741
Hatori, T. Relation between tsunami magnitude and wave energy 1-9092
Hatori, T. Tsunami activity in the Hokkaido and Kurile regions (1893-1978) 1-13400
Hatori, T., Washimi, H. Covariant form of the ponderomotive potentials in a magnetized plasma 1-42168
Hatsagorsyan, A.Z., Nagibarov, I.A. Super-cooperation 1-16604
Hatta, I., Nakayama, T., Matsuda, T. Successive phase transitions of partially and fully polymerized crystals of 2,4-hexadiene-1,6-diol bis (p-toluene sulfonate) 1-25427
Hatta, I., Sugimoto, N. Dielectric constant of antiferromagnet K₂CoF₄ near its Neel temperature 1-7992
Hatta, I. *see* Fukui, M. 1-26040
Hatta, I. *see* Imaizumi, S. 1-38546
Hatta, S. *see* Mizoguchi, T. 1-12765, 1-30983, 1-42952
Hatteland, K., Eriksen, M. A heterodyne ultrasound blood velocity meter 1-32216
Hattendorf, H. *see* Ronnpegel, D. 1-12829
Hatter, A.T. *see* Fawcett, B.C. 1-28914
Hattner, R. *see* Shosa, D. 1-43976
Hattori, G.J. *see* Winter, T.G. 1-1360
Hattori, H., Wada, T., Umeno, M. Optical contour display of surface patterns by interference of diffracted beams 1-40752
Hattori, H. *see* Uemura, K. 1-32235
Hattori, H. *see* Umeno, M. 1-263
Hattori, S. Effective temperatures of cylindrical cavities 1-6753
Hattori, S. *see* Fujita, T. 1-9822
Hattori, S. *see* Inaba, S. 1-41483
Hattori, S. *see* Ishii, Y. 1-12651, 1-21350
Hattori, S. *see* Kono, A. 1-36720
Hattori, S. *see* Matsuhara, T. 1-43434
Hattori, T., Matsuhara, M., Kumagai, N. Mode analysis of optical fibers by vector variational method 1-1715
Hattori, T. *see* Hirose, M. 1-26581
Hattori, T. *see* Kamiura, Y. 1-2910
Hattori, Y. *see* Tanaka, D. 1-4210
Hattwar, T.K., Ghatikar, M.N., Padalia, B.D., Malik, S.K., Vijayaraghavan, R. X-ray absorption spectroscopic study of rare earth-manganese intermetallic compounds 1-43219
Hatzel, H. Myocybernetics—a new development in neuromuscular control 1-48941
Hatzel, H. The use of optimally regularized Fourier series for estimating higher-order derivatives of noisy biomechanical data 1-53743
Hatzis, C. Towards an endogenous automated music 1-24613
Hau, N.H. *see* Hy Hau, N.
Hau Nguyen Hy *see* Nguyen Hy Hau
Haubenreich, P.N. Superconducting magnets for toroidal fusion reactors 1-46908
Haubenreisser, W. *see* Baikov, Yu.A. 1-20094
Haubenreisser, W. *see* Pfeiffer, H. 1-7107
Haubold, A.D. *see* Shim, H.S. 1-17099
Hauchecorne, A., Chanin, M.-L. Density and temperature profiles obtained by lidar between 35 and 70 km 1-4633
Hauk, B. Correlation of spectroscopic and photometric data 1-49627
Hauk, B., Curchod, A. Properties of Am stars in the Geneva photometric system 1-36295
Hauk, B., Davis Philip, A.G. Photometric parallaxes for nearby stars 1-49613
Hauk, B. *see* Meylan, G. 1-13760
Hauk, G. Liquid crystal pretilt angles induced by a double oblique evaporation of SiO₂ 1-38268
Hauk, J. Phase relations of interstitial alloys related to binary and ternary oxides. I. The influence of order-disorder transitions 1-38320
Hauk, J. Phase relations of interstitial alloys related to binary and ternary oxides. II. The influence of crystal field effects 1-38755
Hauk, J.P., Huffman, E.H. Three-watt near-room-temperature CO waveguide laser 1-1552
Haudin, J.M. *see* Weynart, E. 1-21510
Hauenstein, R., Epprecht, W. Dislocation structures in cyclically strained aluminium-copper alloy containing θ' precipitates 1-52140
Hauer, A., Mitchell, K.B., van Hulsteyn, D.B., Tan, T.H., Linnebur, E.J., Mueller, M.M., Keple, P.C., Griem, H.R. Spectroscopic measurement of high-density CO₂-laser-driven implosion 1-7005
Hauer, C.R. Coupled transport membranes for one beneficiation 1-17088
Hauer, J., Volkel, G., Ludemann, H.-D. The activation volume for the rotation of the amide group in ¹⁵N formamide 1-41399
Hauf, R. Environmental effects of electromagnetic fields 1-49066
Haufe, W., Schreiner, H. Sliding contact materials with low wear rate for energy and communication techniques 1-12893
Hauffe, K., Raveling, H. The oxidation of o-xylene using supported V₂O₅ catalysts 1-21764
Haug, A. *see* Lochmann, W. 1-47671
Haug, E.J. *see* Govil, A.K. 1-37818
Haug, H., Tran Thoi, D.B., Schmitt-Rink, S., Bohnert, K., Klingshirn, C., Blattner, G. The electron-hole plasma in direct II-VI compounds [CdS] 1-47695
Haug, H. *see* Koch, S.W. 1-42694
Haug, H. *see* Marz, R. 1-25646
Haug, H. *see* Schmitt-Rink, S. 1-16246
Haug, R. *see* Buchet, G. 1-15723, 1-50186
Haug, R. *see* Crochet, E. 1-11611
Hauge, E.H., Praestgaard, E. The Bobylev approach to the nonlinear Boltzmann equation 1-40730
Haugen, H.K. *see* Hveldund, P. 1-15017
Haugen, H.K. *see* Knudsen, H. 1-46113
Haugen, K.H. *see* Thompson, D.A. 1-52188
Hauger, W. *see* Becker, M. 1-17985
Haughney, L.C. *see* Kuhn, P.M. 1-40198
Haughton, D.M. Post-bifurcation of perfect and imperfect spherical elastic membranes 1-15394
Haughton, D.M., Ogden, R.W. Bifurcation of rotating thick-walled elastic tubes 1-11311
Haughton, D.M., Ogden, R.W. Bifurcation of finitely deformed rotating elastic cylinders 1-40649
Haughton, V.M. *see* Shaffer, K.A. 1-53888
Haugland, E.J. *see* Woolam, J.A. 1-42679
Hauk, V., Krug, W.K., Vaessen, G. Nonlinear lattice strain distributions caused by various stresses 1-39393
Hauk, V. *see* Dolle, H. 1-25198
Hauke, G., Manz, J., Romelt, J. Collinear triatomic reactions described by polar Delves coordinates 1-39603
Haumont, C. *see* Michenaud, J.P. 1-31006
Haupt, W. The radial velocity of the Am star 68 Tau 1-49678
Hauptman, H. On the theory and estimation the three-phase structure semivariant in P1 1-2378
Hauptman, H. *see* Van Der Putten, N. 1-7037, 1-11632
Haus, A.G., Humphries, L.J., Dodd, G.D., Rosette, A.W. Evaluation of graphite and conventional radiographic table tops and cassettes under clinical conditions 1-43988
Haus, A.G., Meyer, J., North, L.B. Effects of geometric and screen-film unsharpness in conventional and 350-kVp chest radiography 1-26998
Haus, A.G. *see* Dahle, M.E. 1-40915
Haus, A.G. *see* Wagner, L.K. 1-40913
Haus, H.A. Mode-locked semiconductor diode lasers 1-19342
Haus, H.A. Models of modelocking a laser diode in an external resonator 1-19367
Haus, H.A. *see* Dorschner, T.A. 1-29317
Haus, J.W. *see* Haake, F. 1-51431
Hausmann, R. *see* Besset, D. 1-10375
Hausberger, H. *see* Goldacker, H. 1-18864
Hauschildt, D., Fischer, R., Fuhs, W. Electronic properties of amorphous Si₃Ge_{1-x}H films 1-30853
Hause, J.R., Mendel, E. Lapping machine with soft carriers 1-8449
Hause, J.R., Mendel, E. Single-side driver nest free polishing 1-12903
Hause, R. Solar energy refrigeration plants 1-13106
Hausen, K. *see* Wehrhahn, C. 1-22008
Hause, C. Technology and some problems associated with coatings 1-39467
Hause, E. *see* Greuter, F. 1-48229
Hause, E. *see* Güntherodt, H.J. 1-25619
Hause, E. *see* Oelhaufen, P. 1-12636, 1-48238
Hause, G.M. *see* Epstein, M. 1-42515, 1-45691
Hause, J., Eppel, D., Tanzer, F. Analysis of thermal impact in tidal rivers and estuaries 1-35997
Hause, J. *see* Bukowski, M.S.T. 1-16232
Hause, J. *see* Crabb, D.G. 1-14413
Hause, J.J. Amorphous concentrated spin-glasses: MnX (X=Ge, C, Si-Te) 1-12321
Hause, J.J. *see* Hayes, T.M. 1-21010
Hause, J.R. *see* Fujita, S. 1-15914
Hause, J.R. *see* Glisson, T.H. 1-16342
Hause, M.G. *see* Cheung, L.H. 1-13823
Hause, U. *see* Gudel, H.U. 1-38917
Hauska, H. The Lulea Image Processing System (LIPS)—a versatile approach to Earth resources data processing 1-9298
Hause, G. *see* Marko, H. 1-35783
Hauster, E., Lang, H., Schreiner, F.-J. Piezoelectric high polymer foils as physiological mechanoelectric energy converters 1-35906
Hauster, G. *see* Ferraro, G. 1-1675, 1-41590
Haussmann, A., Schallenger, B., Röll, R. A new model for ZnO:Cu undergoing dynamic Jahn-Teller coupling 1-25662
Haussmann, A. *see* Schallenger, B. 1-26029

- Hausner, H. Pressureless sintering of non-oxide ceramics 1-16735
- Hausner, H. *see* Endl, H. 1-35404, 1-35406
- Hausner, H. *see* Heinrich, J. 1-16740
- Haus, B.I. Variational estimation of synchrotron radiation loss from fully reflected plasmas 1-11531
- Haus, B.I., Kastenber, W.E. Application of the quasi-static synthesis method to multigroup, space-time reactor problems with feedback 1-10427
- Hausser, K.H. *see* Deimling, M. 1-16504
- Hausser, O., Ward, D., Alexander, T.K., Andrews, H.R., Buyers, W.J.L., Mahnke, H.-E., Sharpey-Schafer, J.F., Skensved, P., Swanson, M.L., Taras, P. The electric field gradient for Gd in gadolinium metal 1-34963
- Hausser, O. *see* Andrews, H.R. 1-18559
- Hausser, O. *see* Ball, G.C. 1-18558
- Hausser, O. *see* Walker, P.M. 1-18557
- Hausmann, G., Lauterborn, W. Determination of size and position of fast moving gas bubbles in liquids by digital 3-D image processing of hologram reconstructions 1-10938
- Hausmann, G., Lauterborn, W. Particle analysis by digital processing of three-dimensional hologram reconstructions 1-15101
- Haustein, P.E. *see* Hseuh, H.-C. 1-50549
- Haustein, P.E. *see* Loveland, W. 1-41090
- Haut, C. *see* Lere, A. 1-3747
- Hautala, M. Monte-Carlo calculation of low energy ion collection in the presence of sputtering, range shortening, knock-on and diffusion 1-52197
- Hautala, M. *see* Anttila, A. 1-47110
- Hauteceler, S. *see* Vorderwisch, P. 1-20339
- Hauthem, R. *see* Van Van Hauthem, R.
- Hauw, C. *see* Flandrois, S. 1-48290
- Havazelet, D., Barkat, Z. On the dependence of some helium shell flash characteristics on core mass 1-9470
- Havel, S., Kadlec, J., Kasak, F. Non-destructive methods of recurring in-service examinations and inspections in nuclear power plants 1-33306
- Havens, S.J. *see* Griffin, A.C. 1-38283
- Havens-Sacco, S.M., Widom, A. Two-dimensional Fermi liquids 1-2761
- Havette, A. *see* Szoldian, G. 1-26347, 1-39201
- Harey, M.D., Froking, S.E., Wright, J.J. Experimental potentials for the X^{2+} and A^{II} states of NaHe 1-24160
- Havir, M., Figusch, V., Plesch, G. Solid state sintering of CaO with Cr_2O_3 addition 1-21401
- Havlicek, J., Figusch, V., Panek, Z. The stability of α and β $CaCr_2O_4$ modifications with MgO 1-7330
- Havlicek, J., Panek, Z. Measurement of equilibrium partial oxygen pressures of oxidation-reduction reactions at high temperatures 1-36624
- Havlicek, F.I. *see* Canzlek, L. 1-6631
- Havlicek, M. *see* Ulehla, I. 1-49957, 1-49977
- Havnes, O. On the motion and destruction of grains in interstellar clouds 1-13831
- Havnes, O. Period changes in close binaries caused by the presence of a third companion 1-27553
- Havranek, A., Nedbal, J., Bericik, C., Ilavsky, M., Dusek, K. The relaxation and equilibrium behaviour of model polyurethane networks 1-53228
- Havrilla, G.J., Green, R.B. Evaluation of plate electrodes for laser-enhanced ionization spectrometry 1-50214
- Hawabata, H. *see* Tanaka, H. 1-43306
- Haward, R.N. *see* Maher, J.W. 1-53233
- Hawarden, T.G. *see* Bowers, P.F. 1-32735
- Hawas, M.M., Muncer, T. Monthly average daily insolation on tilted collectors in Libya 1-17154
- Hawbolt, E.B. *see* McConnell, P. 1-43386
- Hawerkamp, K. *see* Schreckenbach, K. 1-45551
- Hawes, J.L. The ambiguous neutron 1-13989
- Hawisher, T.H. *see* Semler, C.E. 1-31772
- Hawk, R.M. *see* Holmes, G.T. 1-41829
- Hawke, R.S. Design and analysis of isotropic compression experiments 1-32998
- Hawke, R.S., Scudder, J.K. Prospects for generating 1-10 TPa pressures with a railgun 1-36675
- Hawkes, D.J., Jackson, D.F. An accurate parameterisation of the X-ray attenuation coefficient 1-26996
- Hawkes, P.W. Improvements in STEM imaging by special probe and detector shaping techniques 1-14218
- Hawkes, P.W. Transfer functions and electron microscope image formation 1-40907
- Hawkes, P.W. Signal detection and processing in STEM 1-50283
- Hawkesworth, C.J., Kramers, J.D., Miller, R. McG. Old model Nd ages in Namibian Pan-African rocks 1-40101
- Hawkesworth, C.J., Powell, M. Magma genesis in the Lesser Antilles island arc 1-32418
- Hawking, S.W. The path-integral approach to quantum gravity 1-18138
- Hawking, S.W., Israel, W. Introductory survey [general relativity] 1-18105
- Hawking, S.W., Page, D.N., Pope, C.N. Quantum gravitational bubbles 1-5209
- Hawking, S.W., Israel, W. (editor) General relativity. An Einstein centenary survey 1-17952
- Hawkins, A.G. *see* Blackett, J. 1-11439
- Hawkins, D.N. An etchant for revealing the substructure in the low-carbon steels 1-48623
- Hawkins, H.L. *see* Harrison, R.G. 1-29060
- Hawkins, K.C. *see* Gatenby, P.V. 1-29295
- Hawkins, N.M. *see* Kobayashi, A.S. 1-39551
- Hawkins, R.T. *see* Rothschild, M. 1-24164
- Hawksworth, D.G., Larbalestier, D.C. Further investigations of the upper critical field and the high field critical current density in Nb-Ti and its alloys 1-47821
- Hawksworth, D.L. *see* Rose, C.I. 1-39854
- Hawladar, M.N.A. The influence of the extinction coefficient on the effectiveness of solar ponds 1-13164
- Hawley, E.H. *see* Mewdell, C.G. 1-28554
- Hawley, J.D. *see* Brandt, J.C. 1-22730
- Hawley, N.J. Radiation effects on living systems: a bibliography of AECL publications 1-17967
- Hawley, R.H. *see* Wilson, M.L. 1-3880
- Haworth, R.T., Wells, I. Interactive computer graphics method for the combined interpretation of gravity and magnetic data 1-32543
- Haworth, W.S. A lattice model for membrane transport 1-17109
- Hawrylo, F.Z. Liquid phase epitaxially efficient visible emission from highly doped liquid phase epitaxially grown InP 1-43152
- Hawryluk, R.J. *see* Owens, D.K. 1-25073
- Haxton, W.C. Parity nonconservation in ^{18}F and meson-exchange contributions to the axial charge operator 1-50556
- Haxton, W.C., Cowan, G.A. Solar neutrino production of long-lived isotopes and secular variations in the Sun 1-54337
- Haxton, W.C., Gibson, B.F., Henley, E.M. Parity nonconservation in ^{18}F , ^{19}F , and ^{21}Ne 1-28379
- Haxton, W.C., Heller, L. Heavy-quark-antiquark potential in the MIT bag model 1-517
- Haxton, W.C. *see* Sealock, R.M. 1-50591
- Hay, G.A., Cowen, A.R. A physical assessment of the imaging performance of a panel-type X-ray image intensifier 1-32230
- Hay, H.J. *see* Newton, C.S. 1-42434
- Hay, J.E. *see* McArthur, L.B. 1-31989
- Hay, J.N. *see* Maher, J.W. 1-53233
- Hay, P.J. *see* Noell, J.O. 1-1095
- Hay, R.D., Millner, A.R., Jarvinen, P.O. Residential photovoltaic flywheel storage system performance and cost 1-53686
- Hay, S. *see* Hutson Hay, S.
- Hay, W.J., Nemes, R.J. Structural studies of deuterated CsH_2AsO_4 in its paraelectric and ferroelectric phases 1-47057
- Hayakama, S., Takao, T., Nashimoto, Y., Abe, K., Fuyuki, S. Preparation and photoconductive property of CdTe powders 1-35199
- Hayakawa, K. *see* Iwama, S. 1-48298
- Hayakawa, K. *see* Nagai, K. 1-36637
- Hayakawa, K. *see* Taoda, H. 1-8759
- Hayakawa, M. *see* Itoh, H. 1-45980
- Hayakawa, M. *see* Kobashi, Y. 1-37893
- Hayakawa, M. *see* Namiki, K. 1-3335
- Hayakawa, R. *see* Ookuho, N. 1-18272
- Hayakawa, S., Matsumoto, T., Murakami, H., Uyama, K., Yamagami, T., Thomas, J.A. Distribution of near infrared sources in our Galaxy 1-22923
- Hayakawa, S. *see* Matsuoka, M. 1-22927
- Hayakawa, S. *see* Murakami, T. 1-27633
- Hayakawa, S.I. *see* Fujita, Y. 1-28446
- Hayakawa, T. *see* Murayama, S. 1-35880
- Hayakawa, T. *see* Sekihara, K. 1-35881
- Hayakawa, Y. *see* Quang, N.V. 1-47030
- Hayama, F. *see* Tsukamoto, Y. 1-31672
- Hayami, S. *see* Haratani, T. 1-53207
- Hayamizu, K., Yamamoto, O. ^1H and ^2H high-resolution NMR spectra of selectively deuterated PAAs in the nematic state 1-26046
- Hayamizu, K., Yamamoto, O., Ando, I. The ^{13}C chemical shift anisotropies of acetylenic carbons for acetylene and methyl- and dimethylacetylene 1-14923
- Hayano, H. *see* Hanlon, J. 1-18464
- Hayano, H. *see* Kitagaki, T. 1-18467
- Hayano, R.S., Uemura, Y.J., Imazato, J., Nishida, N., Nagamine, K., Yamazaki, T., Ishikawa, Y., Yasuka, H. Spin fluctuations of itinerant electrons in MnSi studied by muon spin rotation and relaxation 1-26104
- Hayano, R.S. *see* Takigawa, M. 1-26103
- Hayas, A. *see* Gonzalez-Fernandez, C.F. 1-40641
- Hayasaka, T. *see* Kato, Y. 1-22191
- Hayasaka, T. *see* Saito, M. 1-4942
- Hayashi, C. *see* Mizuno, H. 1-13576
- Hayashi, C. *see* Sekiya, M. 1-13575, 1-54245
- Hayashi, E., Shimizu, M. Distribution of induced spin density in dilute PdFe alloys 1-7809
- Hayashi, H. Chemical reactions under high magnetic fields 1-4083
- Hayashi, H., Tachibana, H., Wada, A. Dual-variable detection method providing a wider dynamic range to a photomultiplier 1-23310
- Hayashi, H. *see* Arita, A. 1-40028, 1-40029
- Hayashi, H. *see* Idehara, T. 1-51936
- Hayashi, H. *see* Ikeda, Y. 1-52267
- Hayashi, H. *see* Iwaki, M. 1-43539
- Hayashi, H. *see* Tomita, Y. 1-51851
- Hayashi, H. *see* Wada, A. 1-9057
- Hayashi, I. Degradation in III-V opto-electronic devices 1-46351
- Hayashi, K., Branch, M.C. Concentration, velocity, and particle size measurements in gas-solid two-phase jets 1-46796
- Hayashi, K., Gozu, K., Abe, Y., Tokita, T. Characterization of mechanical and optical properties of rheo-optically simple materials 1-26167
- Hayashi, K., Nagasawa, S., Naruo, Y., Okumura, A., Moritake, K., Handa, H. Mechanical properties of human cerebral arteries 1-39945
- Hayashi, K., Nemat-Nasser, S. Energy release rate and crack kinking 1-19642
- Hayashi, K., Shirafuji, T. Gravity from Poincare gauge theory of the fundamental particles. I. General formulation 1-14056
- Hayashi, K., Shirafuji, T. Gravity from Poincare gauge theory of the fundamental particles. II. Equations of motion for test bodies and various limits 1-14057
- Hayashi, K., Shirafuji, T. Gravity from Poincare gauge theory of the fundamental particles. IV. Weak field approximation 1-32894
- Hayashi, K., Shirafuji, T. Gravity from Poincare gauge theory of the fundamental particles. V. Mass and energy of particle spectrum 1-50026
- Hayashi, K., Takamura, S., Okuda, T. Monitoring of radiation and impurity transport in HYB-TOK-I plasma 1-46927
- Hayashi, K., Yamamoto, Y., Hirano, N. Phase to intensity fluctuation conversion of laser light on propagation in multimode fibers 1-41865
- Hayashi, K., Yamamoto, Y., Miki, M. Ionic process in radiation-induced degradation of polymers 1-53448
- Hayashi, K. *see* Nakamura, T. 1-45567
- Hayashi, K. *see* Suzuki, H. 1-3912, 1-26550, 1-43343
- Hayashi, K. *see* Zambresky, L.F. 1-4639
- Hayashi, M. Behavior of Townsend's α/N at high E/N 1-38188
- Hayashi, M., Homma, S., Katsuura, K. Single lepton characteristics for hadronic production of W^+ and Z^0 1-33202
- Hayashi, M., Kato, H., Oyama, M. Microwave spectrum, structure, dipole moment, and internal rotation of the GT isomer of fluoromethyl-ether 1-24126
- Hayashi, M., Nakagawa, J., Kato, H. Microwave spectrum, structure, dipole moment, and internal rotation of methylpropargylether 1-51188
- Hayashi, M. *see* Chaichian, M. 1-18519
- Hayashi, M. *see* Hasegawa, A. 1-45995
- Hayashi, M. *see* Ito, H. 1-15733
- Hayashi, M. *see* Morozumi, S. 1-31500
- Hayashi, R., Furuhashi, Y., Fugono, N., Otsu, Y. Propagation characteristics for millimeter and quasi-millimeter waves by using three Japanese geostationary satellites 1-49313
- Hayashi, S., Umemura, J., Nakamura, R. Stable molecular configuration in crystalline carboxylic acids 1-25247
- Hayashi, S., Yamada, T., Kanamori, H. Light scattering study of surface plasmon resonances in very thin silver films 1-48184
- Hayashi, S. *see* Nishi, T. 1-50660
- Hayashi, T. Solid state track detector plastic CR-39 1-23976
- Hayashi, T., Doke, T. Characteristics of plastic CR-39 for detection of relativistic cosmic ray heavy nuclei 1-1021
- Hayashi, T. *see* Koshino, S. 1-12568
- Hayashi, T. *see* Shimamura, N. 1-17333, 1-17333
- Hayashi, T.T., Fatt, I. Forces retaining a contact lens on the eye between blinks 1-17417
- Hayashi, Y. A method of estimating space-time spectra from polar-orbiting satellite data 1-22413
- Hayashi, Y., Kato, T., Ogawa, H., Omodaka, T., Takano, T. Efficient higher harmonic generation in current-biased clean superconducting point contact 1-20923
- Hayashi, Y. *see* Hagi, H. 1-31538
- Hayashi, Y. *see* Hijikata, A. 1-53381
- Hayashi, Y. *see* Hurd, R.A. 1-29190
- Hayashi, Y. *see* Nagano, M. 1-47298
- Hayashi, Y. *see* Nakazoe, J. 1-36687
- Hayashi, Y. *see* Sakata, I. 1-53007
- Hayashi, Y. *see* Takano, T. 1-16412
- Hayashi, Y. *see* Ujio, S. 1-799
- Hayashi, Y. *see* Yamanaka, M. 1-19970
- Hayashida, S. *see* Kawamura, T. 1-33381
- Hayashiguchi, E. *see* Kubo, S. 1-46659
- Hayashino, T. *see* Hanlon, J. 1-18464
- Hayashino, T. *see* Kitagaki, T. 1-18467
- Hayatsu, A. *see* Hodych, J.P. 1-44140
- Hayatsu, R., Scott, R.G., Studier, M.H., Lewis, R.S., Anders, E. Carbynes in meteorites: detection, low-temperature origin, and implications for interstellar molecules 1-44515
- Haydar, A., Coret, A. Excitonic photoconductivity and structural defects in Cu_2O crystals 1-3013
- Hayden, H.W., Jr. *see* Tiwari, B.L. 1-2645
- Hayden, K.J. *see* Al-Sadde, S.R. 1-42776

- Haydock, R.** The recursive solution of the Schrödinger equation 1-14038
- Haydock, R.** Analytic solution by the recursion method of the Anderson model for strong disorder 1-38749
- Haydock, R.** The electronic structure of weak, random, two- and three-dimensional potentials 1-47576
- Haydock, R., Kingham, D.R.** The model dependence of the ionisation rate of hydrogen in a uniform electric field 1-33556
- Haydock, R., Kingham, D.R.** Field ionization theory: a new, analytic, formalism 1-48243
- Haydon, D.A.** see Gruen, D.W.R. 1-39892
- Haydon, S.C.** see Kravis, S.P. 1-42231
- Haye, K.** see Chastanet, R. 1-52922
- Haye, R.J.La** see La Haye, R.J.
- Hayek, K.** see Gutmann, A. 1-38689
- Hayek, S.I.** see Attenborough, K. 1-15306
- Haye, E., Komarek, K., Bros, J.P., Gaune-Escard, M.** Anomalies of excess heat capacities in the liquid alloys Au-Sn 1-30410
- Haye, E., Komarek, K.L., Bros, J.P., Gaune-Escard, M.** Enthalpy of mixing of liquid Au-Sn alloys 1-47244
- Hayes, D., Snetsinger, K., Ferry, G., Oberbeck, V., Farlow, N.** Reactivity of stratospheric aerosols to small amounts of ammonia in the laboratory environment 1-36033
- Hayes, D.M.** see Felker, P. 1-14822
- Hayes, D.P.** A search for linear polarization variability in pole-on Be stars 1-27533
- Hayes, D.P.** Ordered linear polarization changes in Betelgeuse 1-44567
- Hayes, D.S.** The absolute calibration of the HR diagram: fundamental effective temperatures and bolometric corrections 1-17826
- Hayes, D.S.** see Philip, A.G.D. (editor) 1-13937
- Hayes, G., Caldwell, R.D., Hall, R.M.** Radiation exposures in reprocessing facilities at the Savannah River Plant 1-28741
- Hayes, J., Pandhumshipon, T.** Planar plasma etching of polycrystalline silicon 1-31705
- Hayes, J., Underwood, K.L., Loomis, J.S., Parks, R.E., Wyant, J.C.** Testing of nonlinear diamond-turned reflexions 1-37576
- Hayes, J.G.** Ocean current wave interaction study 1-13482
- Hayes, J.K.** see Jensen, R.J. 1-29057
- Hayes, J.M., Stout, R.P., Small, G.J.** Hole burning, soft-photon scattering and anomalously fast dephasing of impurity electronic transitions in glasses 1-16259
- Hayes, J.R., Tatham, H.L., Adams, A.R.** Pressure dependence of hole mobility in $\text{In}_{1-x}\text{Ga}_x\text{As}_{1-y}\text{P}_y$ and its relation to alloy scattering 1-52559
- Hayes, K.C., Warkling, R., Silny, J., Rau, G.** Multi-electrode recording of Hoffmann reflexes 1-32267
- Hayes, K.G.** see Abrams, G.S. 1-10208, 1-10242, 1-30450
- Hayes, K.G.** see Dorfman, J.M. 1-41020
- Hayes, K.G.** see Himel, T.M. 1-18482
- Hayes, K.G.** see Scharre, D.L. 1-18485, 1-45292
- Hayes, M.** Lung imaging with radioaerosols for the assessment of airway disease 1-9012
- Hayes, M.H.** see Oppenheim, A.V. 1-51390
- Hayes, M.J.C., Culhane, J.L., Blissett, R.J., Barr, P., Bell Burnell, S.J.** Iron line emission and variability of the X-ray spectrum of the Seyfert galaxy NGC 5548 1-4979
- Hayes, P.C.** The effect of atmosphere on the sintering of Fe_2O_3 and Fe_3O_4 powders at low temperatures 1-3676
- Hayes, S.P., Milburn, H.B.** On the vertical structure of velocity in the eastern equatorial Pacific 1-17604
- Hayes, T.L.** Biophysical aspects of scanning electron microscopy 1-17537
- Hayes, T.L.** see Pawley, J.B. 1-23381
- Hayes, T.L.** see Tobias, C.A. 1-49079
- Hayes, T.L.** see Pawley, J.B. 1-23372
- Hayes, T.M., Allen, J.W., Boyce, J.B., Hauser, J.J.** Phase separation in a spin-glass 1-21010
- Hayes, T.M., Boyce, J.B.** EXAFS as a probe of atom-atom interaction potentials: AgI and CuI 1-3536
- Hayes, W.** Self-trapping of electronic excitations and radiolysis of ionic solids 1-7526
- Hayes, W., Holden, L., Tofteld, B.C.** Near-stoichiometric sodium beta alumina 1-30466
- Hayes, W., Holden, L., Tofteld, B.C.** Far-infrared absorption of silver β -alumina 1-43108
- Hayes, W., Yamaga, M., Robbins, D.J., Cockayne, B.** Optical detection of excitation EPR in LiYF₄ 1-26079
- Hayes, W., Yamaga, M., Robbins, D.J., Cockayne, B.** Optical detection of EPR of recombination centres in YAG 1-34937
- Hayes, W.** see Bartram, R.H. 1-3393
- Hayes, W.** see Catlow, C.R.A. 1-38819
- Hayes, W.** see Dickens, M.H. 1-34508
- Hayes, W.** see West, C.L. 1-12569
- Hayes, W.C., Jr. (editor)** Space—New Opportunities for International Ventures. 17th Goddard Memorial Symposium 1-27679
- Hayford, M.J.** see Harris, T.I. 1-46501
- Haygarth, J.C.** Chemical vapor deposition and solar thermal energy conversion 1-13175
- Hayhoe, M.M.** see Ambrose, J.M. 1-8870
- Hayman, P.** see Altkofer, O.C. 1-45773
- Hayman, P.** see Aubert, J.J. 1-5630
- Hayman, P.J.** see Court, G.R. 1-23906
- Haymon, R.** see Lupton, J.E. 1-13489
- Hayn, D.** see Ruppe, H.O. 1-50893
- Haynam, C.A.** see Brumbaugh, D.V. 1-37237
- Hayne, G.S.** Radar altimeter mean return waveforms from near-normal-incidence ocean surface scattering 1-4637
- Haynes, C.V.** Geochronology of Wadi Tushka: lost tributary of the Nile 1-54152
- Haynes, F.D.** Turbulent heat transfer in large aspect channels 1-24810
- Haynes, H.** see Kerlin, T.W. 1-50817
- Haynes, J.S., Sams, J.R., Thompson, R.C.** Structural isomerism in iron (II) methanesulphonate 1-12432
- Haynes, M.P., Giovannelli, R.** Neutral hydrogen in isolated galaxies: first results for five early-type systems 1-4954
- Haynes, R.F.** see Caswell, J.L. 1-44654, 1-54628
- Haynes, W.J.** see Barber, D.P. 1-5635, 1-28329, 1-28330
- Hayns, M.R.** On the conditions required for vacancy loop growth in irradiated metals and alloys 1-38410
- Hayns, M.R., Wood, M.H.** The effect of vacancy loops on the swelling expected for 316 steel under dual-beam irradiation 1-2531
- Hayot, F., Napoly, O.** Detecting a heavy colored object at the FNAL tevatron 1-45192
- Hays, D.D.** see Patten, J.W. 1-12004, 1-31631
- Hays, D.D.** see Pawlewicz, W.T. 1-19395, 1-37572
- Hays, E.E.** see Frisk, G.V. 1-37667
- Hays, J.D.** see Berggren, W.A. 1-17571
- Hays, J.F.** see Fratello, V.J. 1-7105, 1-34270, 1-42309
- Hays, J.T.** see Theimer, O. 1-46850
- Hays, L.G.** see Cerini, D.J. 1-53555
- Hays, P.J., Diamond, R.N., Clark, R.K., Hagopian, S., Lannutti, J.E., Berge, J.P., Bogert, D., Hanli, R., Harris, R., Huson, F.R., Kahn, S., Smart, W.** 250-GeV/c π^+ multiplicity distributions and the two-component model 1-45371
- Hays, R.A.** see Schreyer, J.M. 1-8751
- Hays, T.R., Henke, W., Seitz, H.L., Schlag, E.W.** Anthracene-argon complexes in a supersonic jet; spectra and lifetimes 1-31837
- Hays, T.R.** see Henke, W. 1-19087, 1-37183
- Hays Spigel, R., Imberger, J.** The classification of mixed-layer dynamics of lakes of small to medium size 1-32475
- Hayslett, C.R., Swannert, W.H.** Wave front derivation from interferograms by three computer programs 1-5366
- Hayter, J.B.** Theory of neutron spin-echo spectrometry 1-34203
- Hayter, J.B., Penfold, J.** An analytic structure factor for macroion solutions 1-42279
- Hayter, J.B.** see Daglish, P.A. 1-33364
- Hayter, J.B.** see Richter, D. 1-30029
- Hayward, A.T.J.** Comment on a recent review of the book 'Flowmeters' 1-29804
- Hayward, M., French, H.M.** Pleistocene marine kettle-fill deposits near Ottawa, Canada 1-40129
- Hayward, M.G.** see Gin, A.R. 1-22150
- Hayward, R.A.** see Tricoles, G. 1-1439, 1-41629
- Hayward, S.B., Glaeser, R.M.** Radiation damage of purple membrane at low temperature 1-32211
- Haywood, J.K.** see Williams, E.D. 1-53912
- Haywood, S.E., Bowen, D.J., Champion, R.L., Doverspike, L.D.** Electron detachment in I^- -rare gas collisions 1-33542
- Hayzelden, C.** see Kadir, W.M.S.B.W. 1-12798
- Hazak, G., Gell, Y., Boneh, Y., Goshen, S.** Fast ion extraction in laser isotope separation 1-10855
- Hazan, J.-P.** Characterization of multimode optical fibre transmission capacity 1-6654
- Hazard, C.** see Arp, H. 1-22917
- Hazarov, V.V.** see Balayan, G.G. 1-40888
- Hazaveh, F.** see Margolin, H. 1-20236
- Hazebrouck, R.** see Bassery, L. 1-24561
- Hazebauer, G.L.** Bacterial chemotaxis: molecular biology of a sensory system 1-4301
- Hazeltine, R.D., Catto, P.J.** Bumpy torus transport in the low collision frequency limit 1-51919
- Hazeltine, R.D., Hitchcock, D.A., Mahajan, S.M.** Uniqueness and inversion of the ballooning representation 1-38095
- Hazeltine, R.D.** see Chang, C.S. 1-29838
- Hazeltine, R.D.** see Hitchcock, D.A. 1-51920
- Hazeltin, D.W.** see Sudriess, J.D. 1-52733
- Hazeltin, R.C.** see Yadiowsky, E.J. 1-34984
- Hazen, R.M., Finger, L.W.** High-temperature diamond-anvil pressure cell for single-crystal studies 1-50294
- Hazen, R.M.** see Finger, L.W. 1-15873
- Hazi, A.U.** Theoretical studies of electron collisions in electronic transition lasers 1-37466
- Hazi, A.U., Rescigno, T.N., Kurilla, M.** Cross sections for resonant vibrational excitation of N_2 by electron impact 1-51301
- Hazif, R.** see Le Hazif, R.
- Hazlewod, C.** see Michael, L.H. 1-4252
- Hazra, L.N.** see Purkait, P.K. 1-51381
- Hazuki, Y.** see Nishino, S. 1-35182
- Hazzledine, P.M.** see Schneibel, J.H. 1-15951
- Hbika, A.** see Darriet, B. 1-20560
- He Chang-Xiao** see Chen Ying-Xuan 1-45789, 1-49465
- He Cheng-En** see Huang Zhong-Xian 1-4434
- He Guo-Qi** see Wang Ren 1-4427
- He Min** see Li Zhu-Qi 1-46958
- He Mingqiao, Zhang Chenyi, Song Shenghuo** A composite automatic distribution photometer 1-14169
- He Mingmin** see Han Qiwei 1-22374
- He Mingmin Han Qiwei** Stochastic model and statistical characteristics of transport rates 1-32472
- He Shi** see Shi He
- He Shi-ping** see Wu Xiao-ping 1-19264
- He Xiang-tao** see Peng Qiu-he 1-40466
- He Ze-jun, Li Pan-lin** Transport model of heavy nucleus fission 1-18695
- He Zheng-qin** see Peng Rui 1-22222
- He Zhonglin** see Zhao Honggang 1-24042
- He-Lie Luo** see Luo He-Lie
- He-nian Zhu** see Zhu He-nian
- He-qi Zhang** see Zhang He-qi
- He-yi Zhang** see Zhang He-yi
- He-yi Zhang** see Zhang He-yi
- Heacock, R.L.** The Voyager spacecraft 1-32597
- Heacock, R.R.** Simple P burst micropulsation events and associated aurora at two sites in Alaska 1-9332
- Heacock, W.D.** A program to observe very low amplitude radial velocity variations in δ Scuti stars 1-27388
- Head, D.R.** see Mai, Y.W. 1-31533
- Head, J.** A model to link personality characteristics to a preference for science 1-9792
- Head, J.W., III** see Whitford-Stark, J.L. 1-27404
- Head, M.R., Bandyopadhyay, P.** Flow visualisation of turbulent boundary layer structure 1-2122
- Head, M.R.** see Phillips, W.R.C. 1-19725
- Headford, E.L.** see Hall, D. 1-20111
- Heading, J.** Theorem relating to the development of a reflection coefficient in terms of a small parameter 1-33602
- Heading, J.** A unified approach to some integral formulae for reflexion processes in an isotropic plasma 1-34084
- Headley, T.J.** see Rack, H.J. 1-26474
- Heagy, S.M., Benvenuti, A., Cline, D., Reeder, D.D., Trinko, T., Winn, D.R., Bobisut, F., Cooper, P.S., Gilchrisse, M.G.D., Mann, A.K., Johnson, M.E., Lundy, R., Mori, R., Stefanski, R., McIntyre, P., Rich, J.A., Ling, T.Y., Imlay, R.** Nucleon structure functions from measurements of inelastic neutrino and antineutrino interactions 1-50433
- Heakal, F.El-Tai** see El-Tai Heakal, F.
- Heald, S.M., Stern, E.A.** EXAFS study of Br_2 -graphite compounds 1-35119
- Healey, J.** see Stewart, R. 1-39806
- Healey, P.** Optical time domain reflectometry by photon counting [fibre diagnosis] 1-11146
- Healey, P.** OTDR in monomode fibres at 1.3 μm using a semiconductor laser 1-33834
- Healy, J.-C.** see Obrecht, B. 1-40030
- Healy, W.P.** Comment on 'Electric dipole interaction in quantum optics' 1-24377
- Heaps, J.D.** see Koepke, B.G. 1-17209
- Heaps, N.S.** Density currents in a two-layered coastal system, with application to the Norwegian Coastal Current 1-4511
- Heaps, N.S.** A mechanism for local upwelling along the European continental slope 1-27204
- Heaps, N.S.** Three-dimensional model for tides and surges with vertical eddy viscosity prescribed in two layers. I. Mathematical formulation 1-32447
- Heaps, N.S., Jones, J.E.** Three-dimensional model for tides and surges with vertical eddy viscosity prescribed in two layers. II. Irish Sea with bed friction layer 1-32448
- Heaps, W.S.** Beam splitters for dye laser pumping 1-11008
- Heaps, W.S.** Selection of fluorescence lidar operating parameters for SNR maximization [atmospheric trace constituents measuring] 1-49406
- Heaps, W.S.** see Davis, D.D. 1-26793
- Heard, H.C.** Thermal expansion and inferred permeability of Climax quartz monzonite to 300°C and 27.6 MPa 1-44166
- Heard, H.C.** see Trimmer, D. 1-49260
- Hearn, C.J.** Carrier-carrier interactions and screening 1-16293
- Hearn, C.J.** Theoretical concepts of photoexcited hot carriers (in semiconductors) 1-16318
- Hearn, D.B., Tuttlebee, W.H.W., Sawyers, C.G., Yuratic, M.A., Hanna, D.C.** Efficient near-infrared generation by four-wave mixing in barium vapour 1-29344
- Hearn, J., Wilkinson, M.C., Goddall, A.R.** Polymer lattices as model colloids 1-53477
- Hearst, J.E., Reese, D.A.** Sedimentation of worm-like coils. II 1-8622

- Heasel, E.L. Diffusion in ideal cylindrical and spherical junctions—apparent diffusion length 1-712
- Heath, P. *see* Morgan, C. 1-33120
- Heath, W.B. *see* Fronterhouse, D.C. 1-27250
- Heathcock, C.J., Protheroe, B.E., Ball, A. The influence of microstructure on the cavitation erosion of materials 1-16908
- Heatherly, L. *see* Clausing, R.E. 1-24994, 1-25085
- Heaton, H.I. Thermal straining in a magnetostrictive optical fiber interferometer 1-21022
- Heaton, J.B., Heaton, R.V. An electro-acoustic CW filter 1-19537
- Heaton, R., Lafon, E. Self-consistent calculation of Compton profiles, X-ray structure factors, and band structure for silicon 1-38711
- Heaton, R.A., Lin, C.C. Electronic energy-band structure of the calcium fluoride crystal 1-20628
- Heaton, R.V. *see* Heaton, J.B. 1-19537
- Heaven, M.C. *see* Clyne, M.A.A. 1-10772, 1-24232, 1-28901
- Heavens, O.S. *see* Pollard, A.M. 1-31248
- Heavens, S.N. Visualization of the acoustic excitation of a subsonic jet 1-2048
- Heaviside, J., Hendra, P.J., Paul, S.O., Freeman, J.J., Friedman, R.M. Adsorbate-substrate interaction: a Raman study of pyridine adsorbed on $\gamma\text{-Al}_2\text{O}_3$ at very low coverages 1-52926
- Heaviside, J. *see* Freeman, J.J. 1-50220
- Hebard, A.F., Eick, R.H., Schwartz, G.P. Ion beam induced changes in the oxide composition of PbIn alloy tunnel junction electrodes 1-52710
- Hebard, D.W., Jackson, K.L., Christensen, G.M. The chronological development of late radiation injury in the liver of the rat 1-22080
- Hebbard, D.F. *see* Clark, P.D. 1-18555, 1-41059
- Hebbard, R.A. Microscopes for the metallurgist: a survey of optical and electron microscopes and their ancillaries 1-4019
- Hebel, W. *see* Vandenborre, H. 1-39844
- Hebenstreit, G.T., Bernard, E.N., Vastano, A.C. Application of improved numerical techniques to the tsunami response of island systems 1-32460
- Heber, G. *see* Deutges, D. 1-16454, 1-25961
- Heberle, J. On the puzzle of Merzbacher 1-32818
- Heberlein, J.V.R., Gorna, J.G. The high current metal vapor arc column between separating electrodes 1-34143
- Heberlein, J.V.R. *see* Emstage, P.R. 1-34148
- Hebert, C. *see* Ushida, N. 1-546
- Hebert, J. *see* Ushida, N. 1-546
- Hebral, B., Frossati, G., Godfrin, H., Thoulouze, D. Heat transfer between powdered CMN and solid ^3He in the millikelvin range 1-20508
- Hebral, B., Frossati, G., Godfrin, H., Thoulouze, D., Greenberg, A.S. Measurements of the specific heat of liquid and solid ^4He in a confined geometry at low temperatures 1-16127
- Hebral, B., Greenberg, A.S., Beal-Monod, M.T., Papoular, M., Frossati, G., Godfrin, H., Thoulouze, D. Fermi-liquid droplets in liquid-solid solutions of the helium isotopes 1-34541
- Hebral, B. *see* Godfrin, H. 1-2753, 1-2769
- Hebral, B. *see* Greenberg, A.S. 1-2766
- Hebrard, L. *see* Faure, H. 1-53955
- Hebsur, M.G., Abraham, K.P., Prasad, Y.V.R.K. Fatigue crack growth rates and fracture toughness in electrolaig refined En 52 steel 1-39420
- Hechler, M., van der Ha, J.C. The probability of collisions on the geostationary ring 1-36159
- Hecht, A.M., Bilanin, A.J., Hirsh, J.E., Snedeker, R.S. Turbulent vortices in stratified fluids 1-15531
- Hecht, A.M., Geissler, E. Gel deswelling under reverse osmosis 1-13040
- Hecht, A.M., Geissler, E. Pressure-induced deswelling of gels 1-48754
- Hecht, K.T., Reske, E.J., Seligman, T.H., Zahn, W. Spectroscopic amplitudes for complex cluster systems 1-50501
- Hecht, M. *see* Stohr, J. 1-26306
- Heck, A., Manfried, J. uvby photometry of equatorial and southern bright stars. II 1-17821
- Heck, A. *see* Eichendorf, W. 1-36296
- Heck, A. *see* Gomez, A.E. 1-36298
- Heck, A. *see* Jones, D.H.P. 1-17817
- Heck, B. *see* Berset, J.C. 1-14777
- Heck, B. *see* Cokerill, D. 1-14742
- Heck, B. *see* Kusterer, K. 1-23914
- Heck, T. *see* Zobel, V. 1-10293
- Heckathorn, D.L. *see* Feldman, G. 1-5483
- Hecke, G.R. *see* van der Hecke, G.R.
- Heckel, B.R. *see* Forte, M. 1-28235
- Heckel, K., Heigl, H. The influence of the surface on the ultimate strength of ceramic materials 1-43464
- Heckel, R.W. *see* Bhedwar, H.C. 1-8474
- Heckelsberg, L.F. Historical note: thermoluminescent dosimetry (LiF) 1950-51 1-5070
- Hecker, H.C. *see* Freeman, L.B. 1-18811
- Hecker, S. *see* Suhl, H. 1-30868
- Heckes, A.A. *see* Northrup, C.J.M., Jr. 1-21928
- Hecking, P. Pion-condensed nuclear matter at finite temperatures 1-18586
- Hecking, P.C., Bertsch, G.F. Proton polarizability in the MIT bag model 1-45212
- Heckingbottom, R., Davies, G.J. Germanium doping of gallium arsenide grown by molecular beam epitaxy—some thermodynamic aspects 1-2481
- Heckingbottom, R. *see* Davies, G.J. 1-3633
- Heckman, R.A. Introduction and historical perspective [nuclear waste management] 1-802
- Heckmann, P.H. *see* Trabert, E. 1-355, 1-10704
- Heckmann, P.H. *see* Winter, H. 1-33417
- Hecq, A. *see* Delruc, J.P. 1-16666
- Hecq, A. *see* Hecq, M. 1-39211
- Hecq, M. A fitting method for X-ray diffraction profiles 1-52022
- Hecq, M., Hecq, A. A glow discharge mass spectrometry study of reactive sputtering 1-39211
- Hedberg, A. *see* Ajayi, G.O. 1-13636
- Heddie, D.W.O. *see* Van Zyl, B. 1-15016
- Heder, G., Spaeth, J.M., Harker, A.H. Electronic structure of atomic hydrogen at anion sites in KCl 1-2908
- Hedger, H.J. *see* Schmitz, F. 1-822
- Hedges, M. *see* Graham, E. 1-39963
- Hediger, H. *see* Steiger, R. 1-17082
- Hedin, B. *see* Westerlund, B.E. 1-49540
- Hedman, B.A., Brown, H.L., Hamel, B.B. Second law analysis of industrial processes 1-17181
- Hedman, L.E. *see* Sousa, J.B. 1-12269
- Hedrick, C.L. *see* Spong, D.A. 1-6936
- Hedvig, P. Combined relaxation spectroscopy of polymers 1-38447
- Hee Hahn Bong *see* Bong Hee Hahn
- Hee Han Kwan *see* Kwan Hee Han
- Hee Kim Chong *see* Chong Hee Kim
- Heeger, A.J., MacDiarmid, A.G. Progress in conducting polymers: studies of polyacetylene 1-42771
- Heeger, A.J., MacDiarmid, A.G. Conducting organic polymers: doped polyacetylene 1-52167
- Heeger, A.J. *see* Englander, S.W. 1-39876
- Heeger, A.J. *see* MacDiarmid, A.G. 1-52553
- Heeger, A.J. *see* Moses, D. 1-7353
- Heeger, A.J. *see* Ozaki, M. 1-2981
- Heeger, A.J. *see* Su, W.P. 1-1424
- Heeger, A.J. *see* Suzuki, N. 1-21245
- Heeger, A.J. *see* Thomas, H.R. 1-35146
- Heeger, A.J. *see* Waldrop, J.R. 1-47730
- Heelis, P.F., Phillips, G.O., Ahmad, I., Rapson, H.D.C. The photodegradation of formylmethyl flavin—a steady state and laser flash photolysis study 1-21750
- Heelis, R.A. *see* Bailey, G.J. 1-9318
- Heesen, P.-H. Low energy fusion of $^{12}\text{C}+^{12}\text{C}$ and $^{16}\text{O}+^{16}\text{O}$ systems 1-45560
- Heer, C.V. Weak neutral currents and the anomalous polarization of cosmic OH 1-41508
- Heer, E. *see* Besset, D. 1-10375
- Heer, F.J. *see* de Heer, F.J.
- Heer, W. *see* Taube, M. 1-5858
- Heermann, D.W., Stauffer, D. Influence of boundary conditions on square bond percolation near p_c 1-32939
- Heersink, R. Some generalizations of an elliptic boundary value problem of Hadamard 1-27763
- Hees, K. *see* Kever, M. 1-47736
- Hees, R.M. *see* van der Hees, R.M.
- Heesen, E. *see* te Heesen, E.
- Heestand, R.L. *see* Copeland, G.L. 1-5915
- Heeterdiks, W.J. *see* Wheeler, B.C. 1-22178
- Heethaar, R.M. *see* Elshuraydeh, K. 1-53945
- Heethaar, R.M. *see* van Wijk van Brievingh, R.P. 1-53874
- Hefe, H. *see* Schulte in den Baumen, J. 1-54379
- Hefe, H. *see* Vettolani, G. 1-49699
- Hefferlin, R., Kuhlman, R. The periodic system for free diatomic molecules. III. Theoretical articulation 1-1056
- Heffler, A.J. Distribution of compensable hearing impairment in industry 1-41923
- Heffner, H., Masterton, B. Hearing in Glires: domestic rabbit, cotton rat, feral house mouse, and kangaroo rat 1-32137
- Heffter, J.L. *see* Fegley, R.W. 1-22427
- Hefflinger, L.O. *see* Wuerker, R.F. 1-15121, 1-41626
- Heffner, W., Schmutzler, H.W., Hensel, F. Optical reflectivity measurements on fluid mercury [density dependence and metal-nonmetal transition] 1-26198
- Hefay, M.M. *see* El-Basiouny, M.S. 1-26655, 1-43570
- Heffer, E.F. TDHF, solitons and the dynamics of colliding bags 1-18365
- Heffer, E.F. *see* Delion, D.S. 1-5798
- Hefter, U. *see* Bergmann, K. 1-41461
- Hegarty, D. *see* Baker, H. 1-19023
- Hegarty, J. *see* Ghosh, K.K. 1-12575
- Hegazy, A.I. *see* Sakr, I.A. 1-17254
- Hegazy, A.S. *see* Khalefa, B.A. 1-17167
- Hegazy, A.S. *see* Sakr, I.A. 1-21853
- Hegazy, M. *see* Awad, M. 1-15582
- Hegde, M.G. *see* Deemer, A.R. 1-30521
- Hegde, M.S. *see* Jagannathan, K. 1-16182
- Hegde, M.S. *see* Rao, C.N.R. 1-4132
- Hege, E.K., Angel, J.R.P., Weymann, R.J., Hubbard, E.N. Morphology of the triple QSO PG 1115+08 1-9715
- Hegedus, Z. *see* Cziraki, A. 1-2340
- Hegedus, Z. *see* Cziraki, A. 1-25166
- Hegelund, F. *see* Antilla, R. 1-37203
- Hegemier, G.A. *see* Murakami, H. 1-33891
- Hegen, D. *see* Fitzer, E. 1-21363
- Hegenbarth, E., Schmidt, B. The influence of hydrostatic pressure on the phase transition of $(\text{Ba}, \text{Sr}_{1-x})\text{Nb}_2\text{O}_6$ single crystals 1-31105
- Hegenbarth, E., Spori, G., Brezina, B. Thermal conductivity of non-deuterated and deuterated Li-Ti tartrate single crystals 1-20485
- Heger, G., Baumgartner, O. Crystal structure and lattice distortion of $\gamma\text{-NbN}_x$ and $\delta\text{-NbN}_x$ 1-20139
- Heger, G. *see* Munninghoff, G. 1-20146
- Heger, J. *see* Remko, M. 1-51127
- Hegerath, A. *see* Arends, J. 1-23642, 1-41097
- Hegerath, A. *see* McKewen, R.D. 1-28499
- Hegerberg, R. *see* Crompton, R.W. 1-37343
- Heggie, D.C. Dynamics and evolution of globular clusters 1-36363
- Hegstrom, R.A., Rein, D.W., Sanders, P.G.H. Calculation of the parity nonconserving energy difference between mirror-image molecules 1-1099
- Hegt, D. *see* Lotze, W. 1-23177
- Hegyi, D.J., Burrows, A. Optimal sampling of charge-coupled devices 1-9372
- Hehemann, R.F. *see* Pugh, J.W. 1-42586
- Hehemann, R.F. *see* Shamaikan, R.L. 1-26654
- Hehemann, R.F. *see* Vaccaro, F.P. 1-43574
- Hehemann, R.F. *see* Welsch, G. 1-31494
- Hehenberger, M., Halenius, U., Larsson, S. Absorption spectrum of manganian andalusite: cluster calculation by an ab initio method 1-41533
- Hehenberger, M. *see* Larsson, S. 1-24036
- Hehenkamp, Th., Schlett, V. Electronic components in the thermodynamic excess potentials of noble metals alloys 1-20420
- Hehenkamp, Th., Schmidt, W., Schlett, V. Thermodynamic factor and the relative chemical potential of the impurity component in Cu-Ge, Ag-Sn and Ag-Sb α -solid solutions 1-20421
- Hehenkamp, Th., Schmidt, W., Schlett, V. Solvent diffusion in silver-antimony alloys 1-20456
- Hehl, F.W., Nitsch, J., Von Der Heyde, P. Gravitation and the Poincare gauge field theory with quadratic Lagrangian 1-18125
- Heibel, J. *see* Wenzlik, K. 1-19475
- Heiberg, A. *see* Nemukhin, A.V. 1-28853
- Heiblum, M. *see* Harper, J.M.E. 1-8230
- Heidberg, J., Stein, H., Riehl, E., Nestmann, A. Evaporation and desorption by resonant excitation of molecular normal vibrations with laser infrared 1-20574
- Heide, R. Pressure-resistant viscometer to measure the viscosity of low-viscosity liquids 1-42107
- Heide, W.M. *see* Clancy, P.F. 1-36157
- Heidemann, H.G.M. *see* van der Water, W. 1-24259
- Heidemann, A., Howells, W.S., Jenkin, G. Comparison of the performance of the backscattering spectrometer IN10 and the neutron spin-echo spectrometer IN11 on the basis of experimental results 1-33366
- Heidemann, A., Wipf, H., Wortmann, G. Mossbauer spectroscopy measurements of hydrogen (deuterium) diffusion in tantalum 1-20461
- Heidemann, A. *see* Clough, S. 1-34257, 1-47024
- Heidemann, A. *see* Strauss, A. 1-3305
- Heidemann, A. *see* Wipf, H. 1-16511
- Heidemann, K.F. *see* Lilienhof, H.-J. 1-19429
- Heidemann, R.A., Khalil, A.M. The calculation of critical points 1-36589
- Heiden, C. *see* Beckstette, K. 1-42932
- Heiden, C. *see* Fedorov, N.F. 1-52737
- Heiden, C. *see* Gunkel, C. 1-52681
- Heiden, C. *see* Jeitschko, W. 1-31328
- Heiden, C. *see* Kohake, D. 1-12245
- Heidersbach, R.H. *see* Thibau, R.J. 1-8146, 1-21187
- Heidinger, D. New studies of the representation of image quality by two criteria 1-19275
- Heidinger, F. *see* Bitterwolf, E. 1-28375
- Heidman, H.G.M., Van der Water, W. Electron correlation during post-collision interaction 1-41462
- Heidmann, J. *see* Bosma, A. 1-9683
- Heidner, R.F. Kinetic mechanism of theoxygen-iodine transfer laser 1-46329
- Heidrich, D. *see* Deining, D. 1-26060
- Heidrich, D. *see* Rauscher, H.J. 1-51110
- Heidrich, P.F. *see* Brady, M.J. 1-46551
- Heidt, L.E., Krasnc, J.P., Lueb, R.A., Pollock, W.H., Henry, B.E., Crutzen, P.J. Latitudinal distributions of CO and CH₄ over the Pacific 1-40166
- Heifetz, R.J. Japanese analog electroacoustic music 1-24612
- Heigh, E.A. *see* Ainscough, J.B. 1-16742

- Highway, E.A. TRANSOPTR—a second order beam transport design code with automatic internal optimization and general constraints 1-28783
- Heigl, H. see Heckel, K. 1-43464
- Heijden, R.L.A. van der see van der Heijden, R.L.A.
- Heijne, E.H.M., Hubbeling, L., Hyams, B.D., Jarron, P., Lazeyras, P., Piuze, F., Vermulen, J.C., Wylie, A. A silicon surface barrier microstrip detector designed for high energy physics 1-28791
- Heijser, W., Baerends, E.J., Ros, P. Electronic structure of binuclear metal carbonyl complexes 1-41306
- Heikal, H. Three-dimensional measurements of aerodynamic flow by means of pressure probes. I. Five-hole spherical probe and miniature three-hole probe 1-29813
- Heikal, H. Three-dimensional measurements of aerodynamic flow by means of pressure probes. II. Estimation of correcting factors 1-31889
- Heikkilä, W.J. see Opgenoorth, H.J. 1-4719
- Heikkinen, D.W. see Lanier, R.G. 1-41110
- Heil, C. see Graves, W.R. 1-14754
- Heil, T.G., Butler, S.E., Dalgarno, A. Charge transfer of multiply charged ions at thermal energies 1-51286
- Heil, T.G. see Butler, S.E. 1-32615
- Heil, T.G. see Dalgarno, A. 1-6371, 1-37324
- Heiland, G. see Mokwa, W. 1-7470
- Heiland, G. see Moormann, H. 1-20849
- Heiland, W. see Onsager, J. 1-8181
- Heiland, W. see Snowdon, K.J. 1-39203
- Heiland, W. see Taglauer, E. 1-25557
- Heilbig, W. see Botter, M.L. 1-31938
- Heilbron, J.L. Rutherford-Bohr atom 1-49927
- Heilbronner, E. see Leupin, W. 1-10782
- Heilmann, E. Fabrication aspects of toroidal field coils for the Tokamak Fusion Test Reactor 1-930
- Heilmann, W. see Johnson, H.G. 1-6010
- Heiles, C., You-Hua Chu, Reynolds, R.J., Yeggin, I., Troland, T.A. A new look at the North Polar Spur 1-44652
- Heiles, C. see Kulkarni, S.R. 1-9376
- Heiligenberg, W. see Bastian, J. 1-26895
- Heilker, W.J. see Meineri, W.D. 1-50766
- Heilmann, H. see Bietschi, J. 1-10190
- Heilmann, H.G. see Allen, P. 1-36856
- Heilweil, E.J., Hochstrasser, R.M., Souma, H. Applications of the phase conjugate configuration in nonlinear spectroscopy 1-15209
- Heim, J.R. see Leung, E.M.W. 1-45760, 1-51693
- Heim, U. see Nolte, E. 1-23566
- Heimann, P., Hermanson, J., Miosga, H., Neddermeyer, H. Photoemission from $\text{Ni}_{0.8}\text{Cu}_{0.2}$ (111): observation of surface energy band dispersion 1-53055
- Heimann, P. see Himpel, F.J. 1-3567, 1-30808
- Heimann, P. see van der Veen, J.F. 1-16179
- Heimann, P.A. Quadrupole perturbation effects upon the ^{201}Hg magnetic resonance. I. Effects upon free precession of the nuclear spins 1-45886
- Heimann, P.A., Greenwood, I.A., Simpson, J.H. Quadrupole perturbation effects upon the ^{201}Hg magnetic resonance. II. Relaxation due to an anisotropic perturbation 1-51153
- Heimbach, H. see Wagner, W. 1-8546
- Heimbrott, W. see Kluge, G. 1-5421
- Heimer, N.E. Natural abundance 13-carbon high-resolution magnetic resonance in solid 1-vinyl-o-carborane 1-52858
- Heimerl, J.M., Coffee, T.P. The detailed modeling of premixed, laminar steady-state flames. I. Ozone 1-39640
- Heimlich, F.H. see Bock, P. 1-10234
- Heimlich, F.H. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Hein, G.W., Kistermann, R. Mathematical foundation of non-technical effects in geotectonic recent crustal movement models 1-53965
- Hein, H. Germanium-gold infrared receiver 1-5313
- Hein, J.R. see Griggs, G.B. 1-54070
- Hein, R.A. Superconducting materials: ten years do make a difference 1-52675
- Hein, U. see Kuhlmann, F. 1-18336
- Heinbockel, J.H. see Conway, E.J. 1-48854
- Heindl, R. see Redon, A.M. 1-17220
- Heindler, M., Harms, A.A. Efficiency merit assessment of emerging synergetic nuclear energy systems 1-880
- Heindler, M. see Harms, A.A. 1-28461
- Heine, G. see Bukow, H.H. 1-45923
- Heine, P. see Diddens, A.N. 1-14747, 1-23998
- Heine, P. see Jonker, M. 1-10194
- Heine, V., Samson, J.H. Theory of some physical properties and competing processes in tight-binding bands 1-25610
- Heinecke, W. Magnetic field measurement with fluxgate magnetometers 1-44966
- Heinemann, K., Vogt, K.J. Measurements of the deposition of iodine onto vegetation and of the biological half-life of iodine on vegetation 1-8789
- Heinen, H.J. see Freund, F. 1-27101
- Heiney, P.A. see Stephens, P.W. 1-25565
- Heinig, K.H. see Jager, H.U. 1-45985
- Heiniger, F. see Schneeberger, B. 1-41731
- Heiniger, F. see Tschudi, T. 1-41592
- Heining, U. Data transmission for safety systems in nuclear power stations 1-50891
- Heinloth, K. see Adamovich, M.I. 1-45317
- Heinloth, K. see Aston, D. 1-14399, 1-45297, 1-50442
- Heinloth, K. see Fiorino, A. 1-50583
- Heinonen, M.H. see Laine, E.S.U. 1-7131
- Heinonen, O.J. Simultaneous or separate elution of uranium and plutonium from nuclear fuel solutions 1-41174
- Heinrich, A., Paasch, G. Electron density distribution at point defects. Application of the quadratic response theory 1-30661
- Heinrich, A. see Paasch, G. 1-25652
- Heinrich, B. see Cochran, J.F. 1-7952
- Heinrich, C. see Oswald, H. 1-36944
- Heinrich, E. see Diaz, R. 1-22159
- Heinrich, E.W., Wells, R.G. The diversity of rare-earth mineral deposits and their geological domains 1-27159
- Heinrich, F. see Cartier, E. 1-43205, 1-43208
- Heinrich, F. see Plüger, P. 1-39053
- Heinrich, G., Straube, E., Helmig, G. Statistical-mechanical theory of the deformation dependence of topological constraints in polymer networks 1-47151
- Heinrich, H.J. The correct selection of charging equipment for starter, traction, and stationary lead/acid storage batteries 1-4169
- Heinrich, H.-J. see Weitkamp, C. 1-21970
- Heinrich, J., Behnke, W. Two-photon resonant four-wave mixing processes in atomic barium 1-19382
- Heinrich, J., Hauser, H. Microstructure and mechanical properties of reaction bonded silicon nitride 1-16740
- Heinrich, J. see Ziegler, G. 1-16739, 1-21570
- Heinrich, J.C., Marshall, R.S. Comment on: A finite element numerical solution of natural convection in enclosed cavities 1-16693
- Heinrich, J.C., Marshall, R.S. Viscous incompressible flow by a penalty function finite element method 1-19805
- Heinrich, J.C. see Kelly, D.W. 1-14079
- Heinrich, J.P., Donato, J.W., Kalsi, S.S., Linkhoker, C.L., Willig, R.L., Walker, M.S., Royet, J.M., Morrow, J.R. Scoping study of a 12 T toroidal field coil for the fusion engineering test facility 1-50926
- Heinrich, K.F.J. see Newbury, D.E. 1-4143
- Heinrich, K.F.J. see Small, J.A. 1-4142
- Heinrich, L. see Jütt, A. 1-35856
- Heinrich, R.R. see Kirk, M.A. 1-33359
- Heinrichs, H., Schulz-Dobrick, B., Wedepohl, K.H. Terrestrial geochemistry of Cd, Bi, Tl, Pb, Zn and Rb 1-40095
- Heinrichs, J. Frequency-dependent conductivity and mean-square hopping displacement in a one-dimensional percolation model 1-12103
- Heinrichs, J. see Kumar, A.A. 1-18154
- Heinrichs, M., Schneider, F.W. On the approach to steady states of reacting systems in the continuous stirred tank reactor 1-21699
- Heinrichs, R.M. see Trainor, D.W. 1-1626
- Heinrigs, W. see Faisner, H. 1-14438
- Heins, L., Holinde, K., Schutte, D. Elastic widths of NN-resonances from a momentum-space one-boson-exchange potential 1-5706
- Heins, L., Holinde, K., Schutte, D. Elastic widths of NN-resonances from a momentum-space one-boson-exchange potential 1-28306
- Heintz, A., Lichtenthaler, R.N. Excess enthalpies of liquid alkane mixtures at pressures up to 500 bar. II. Extension and application of a molecular theory 1-21755
- Heintz, W.D. Micrometer observations of double stars and new pairs. X 1-49730
- Heintze, J. see Bartel, W. 1-18500, 1-45253, 1-45254
- Heintze, J. see Drumm, H. 1-14762
- Heintze, J. see O'Neill, L.H., Jr. 1-50443
- Heintzenberg, J. Particle size distribution and optical properties of Arctic haze 1-9231
- Heintzmann, H. see Schrafer, E. 1-51927
- Heinz, K. LEED intensity calculations for finite instrumental transfer width caused by the angular aperture of the primary beam 1-15764
- Heinz, R. see Bronberg, C. 1-10266, 1-45364
- Heinz, U., Greiner, W., Müller, B. Electron-translation effects in heavy-ion scattering 1-46100
- Heinze, W., Kahl, M. The diffusion process of P_2O_5 molecules in SiO_2 layers 1-25488
- Heinze, W. see Guillaume, C. 1-24005
- Heinze, W. see Mullaney, P.J. 1-35862
- Heinze, W. see Schroeder, H.F. 1-939
- Heinzelmann, G. see Bartel, W. 1-18500, 1-45253, 1-45254
- Heinzelmann, G. see Bock, P. 1-10234
- Heinzelmann, G. see Drumm, H. 1-14762
- Heinzelmann, G. see O'Neill, L.H., Jr. 1-50443
- Heinzelmann, P.J. The German R&D Programme on solar thermal power generation 1-39738
- Heinzinger, K. see Szasz, Gy.I. 1-46974
- Heinzmann, U. Experimental determination of the phase differences of continuum wavefunctions describing the photoionization process of xenon atoms. I. Measurements of the spin polarisations of photoelectrons and their comparison with theoretical results 1-19063
- Heinzmann, U. Experimental determination of the phase differences of continuum wavefunctions describing the photoionization process of xenon atoms. II. Evaluation of the matrix elements and the phase differences and their comparison with data in the discrete spectral range in application of the multichannel quantum defect theory 1-19064
- Heinzmann, U. Spin polarized photoelectrons from atoms and molecules 1-28935
- Heinzmann, U., Osterheld, B., Schafers, F., Schönhense, G. Spin-polarised photoelectrons produced from CH_3Br molecules by unpolarised and circularly polarised VUV radiation 1-41429
- Heise, H.M., Cole, A.R.H. Infrared rotation-vibration spectra of ethane. The parallel band, $2\nu_3$ of CH_3CD_3 1-24134
- Heise, H.M. see Cole, A.R.H. 1-24133
- Heisenberg, J. see Goutte, D. 1-14443
- Heisenberg, J. see Papanicolas, C.N. 1-50547
- Heiserman, J. see Rugar, D. 1-32322
- Heisig, U. see Saragossi, S. 1-12653
- Heising, C.D., Schaller, I., Sharafi, P. A comparative assessment of the economics and proliferation resistance of advanced nuclear energy systems 1-10437
- Heising-Goodman, C. Plutonium denaturing—how effective a safeguards deterrent? 1-18757
- Heising-Goodman, C.D. An evaluation of the plutonium denaturing concept as an effective safeguards method 1-5849
- Heisterberg, R.H. see Nunamaker, T.A. 1-10609
- Heitjans, P., Coker, A., Lee, T., Das, T.P. Theory of temperature dependence of Knight shifts and spin-lattice relaxation times in liquid lithium and sodium 1-26057
- Heitjans, P., Kiese, G., Ackermann, H., Bader, B., Buttler, W., Dorr, K., Fujara, F., Hupp, H., Korbein, A., Stockmann, H.J. Nuclear spin-lattice relaxation in liquid Li-Na, Li-Mg and Li-Pb alloys 1-31054
- Heitjans, P. see Buttler, W. 1-2528
- Heitjans, P. see Ruppersberg, H. 1-25449
- Heitjans, P. see Stockmann, H.-J. 1-31044
- Heitmann, P.W. see Kandelwal, P.K. 1-35454
- Heitmann, D., Pole, R.V. Two-dimensional focusing holographic grating coupler 1-15285
- Heitmann, D. see Girlando, A. 1-35051
- Heitmann, H., Sander, I., Urner-Wille, M., Witter, K. Thermomagnetic switching in a GdFeBi photoconductor sandwich 1-25944
- Heitmann, W., Day, C.R., Zwick, U. Broadband spectral attenuation measurements on optical fibres—an interlaboratory comparison by members of COST 208 1-11444
- Heitmann, W., Day, C.R., Zwick, U., Mengel, F. Broadband spectral attenuation measurements on optical fibres. An interlaboratory comparison by members of COST 208 1-33816
- Heitner-Wirgin, C., Hall, D. Transport of anionic complex species through an anion exchange membrane 1-53469
- Heitzenroeder, P. see Knutson, D.S. 1-6011
- Heizmann, J.J. see Bessieres, J. 1-17319
- Heizmann, J.J. see Funes, F. 1-35224
- Hejazi, M.S., Lovell, E.G. Thermal stress waves with applications to laser fusion reactors 1-901
- Hejdo, H. see Cermak, M. 1-48768
- Hejduk, A. Universal ending of a technological quartz furnace tube 1-32989
- Hejlesen, P.M. see Andreassen, G.K. 1-40500
- Hejna, L. see Bumba, V. 1-40452
- Hejrlík, L. see Fiser, S. 1-36135
- Heki, H. see Ishizuka, A. 1-41258
- Helberg, H.W. see Schafer, H. 1-52886
- Helbert, J.N., Poinder, E.H., Pittman, C.U., Jr., Chi-Yu Chen Radiation degradation behaviour of chlorine-containing vinyl copolymers. Search for improved electron-beam resists 1-47115
- Helbig, J.A. On the stability of spatially irregular coastal flows, with application to the Florida Current 1-32459
- Helbig, R. see Turkes, P. 1-2711
- Helbig, W. see Botter, M.L. 1-31939
- Helbrough, K. see Huston, A.E. 1-18313
- Held, A. (editor) General relativity and gravitation. One hundred years after the birth of Albert Einstein, vol.1 1-17948
- Held, A. (editor) General relativity and gravitation. One hundred years after the birth of Albert Einstein, vol.2 1-17949
- Held, G. Radar observations of an unusual cloud burst in South Africa 1-13543
- Held, P.C. see Olsen, R.B. 1-16531
- Held, S. see Spector, N. 1-10683
- Held, W.D., Piper, E., Ringer, G., Toennies, J.P. Isotropic interaction potentials for He-HCl and He-HBr from differential scattering cross section measurements 1-6342
- Heldman, M.A. see Beckmann, P.A. 1-21059
- Helene, C. see Toulme, F. 1-48960

- Heifand, D.J.** A search for X-ray binary stars in their quiescent phase 1-27560
Heifand, D.J. see Cordes, J.M. 1-9544
Heifand, D.J. see Ku, W.H.-M. 1-22921
Heifand, E. see Weber, T.A. 1-38522
Heifer, H.L., Herter, T., Lacasse, M.G., Save-doff, M.P., Van Horn, H.M. The effect of dust in planetary nebulae on determinations of Zans-tara temperatures of the central stars 1-44555
Heifstine, J.D., Maurer, R.D. Effect of flow dis-tribution on fatigue characterization in optical waveguides 1-11138
Heifrich, J.H. see Solomon, F.J. 1-53617
Heifrich, K. Local representation of functions of D variables by means of discrete orthogonal poly-nomials 1-14800
Heifrich, R.W. Low-power compensation technique for fixed pattern noise in infrared staring arrays 1-5392
Hein, E. Comet Helin-Dunbar (1980p) 1-9422
Hein, E. Comet 1980p 1-9427
Hein, E. see Shao, C.-Y. 1-32643
Hein, E. see Thomas, N.G. 1-44464
Heiland, K.N. see Castaldini, M. 1-34025
Heiland, K.N. see Van Atta, C.W. 1-1913, 1-42045
Heilawell, A. see Bartholomew, D.M.L. 1-3714
Heilmann, J.M. see De Wilde, R.J. 1-18019
Heilmann, T.K. see Blackburn, W.S. 1-1886
Heilmann, J.A. see Amois, H.L. 1-22116
Heilmann, R.L., Shapiro, N.L., Noyes, R.C. Alter-nate fuel cycles and reactor concepts 1-757
Heller, A. see Kar, S. 1-43787
Heller, E.J., Davis, M.J. Molecular overtone band-widths from classical trajectories 1-14964
Heller, E.J., Stechel, E.B., Davis, M.J. Molecular spectra, Fermi resonances, and classical motion 1-37169
Heller, E.J. see Davis, M.J. 1-14036
Heller, F. see Channell, J.E.T. 1-4423
Heller, G. see Janda, R. 1-14898
Heller, J.M., Jr. see Birkhoff, R.D. 1-43088
Heller, K. see Pondrom, L. 1-45286
Heller, K. see Yamin, P. 1-45372
Heller, L. see Aerts, A.T. 1-45218
Heller, L. see Haxton, W.C. 1-517
Heller, M. Questions to infallible oracle 1-54680
Heller, P. see Reiter, G. 1-16436
Heller, Yu.I., Lukinykh, V.F., Popov, A.K., Slabko, V.V. Experimental evidence for a laser-induced autoionizing-like resonance in the continuum 1-45913
Hellickson, M.A. see Verma, L.R. 1-35605
Hellinger, L.O., Wuerker, R.F. Recording fluid currents by holography 1-38031
Hellings, R.W. see Zimmerman, R.L. 1-22932
Hellwell, R.A. see Fraser-Smith, A.C. 1-17738
Hellman, W.S., Srikanth, M.L. Some constraints on dynamical fermion mass generation in simple gauge theories 1-14247
Hellmeister, H.P. see Panqueva, J. 1-28370
Hellmich, R. The influence of the radiation trans-fer in cometary dust halos on the production rates of gas and dust 1-40422
Hellner, E., Koch, E. Cluster or framework con-siderations for the structures of Ti_2Sb_2 , $\alpha\text{-Mn}$, Cu_2Zn_3 and their variants Li_2Si_2 , $\text{Cu}_4\text{Sn}_{11}$, $\text{Sm}_{11}\text{Cd}_5$, Mg_2Pd and Na_6Ti with octuple unit cells 1-34281
Hellner, E. see Munninghoff, G. 1-20146
Hellrich, O.P. see Stephens, E.R. 1-4237
Hellsten, T.A.K. see Spies, G.O. 1-19884
Hellstrom, E.E., Huggins, R.A. Silver ionic and electronic conductivity in Ag_3GaS_6 , Ag_3AlS_6 , AgGaS_2 , AgAlS_2 , and AgAl_2S_3 1-38820
Hellstrom, E.E., Schoonman, J. Silver ionic and electronic conductivity in Ag_3GaS_6 1-7680
Hellstrom, E.E. see Kamphorst, J.G. 1-7377
Hellwarth, R.W. see Feinberg, J. 1-29340
Hellwig, H. see Howe, D.A. 1-24382
Helm, H., Cosby, P.C., Huestis, D.L. Laser predi-sociation spectroscopy of the M^+_{H} state of O_2^+ 1-10793
Helm, H. see Grossl, M. 1-53410
Helm, H. see Huestis, D.L. 1-41458
Helm, H. see Stephan, K. 1-10844
Helm, H.-M., Schubert, D. Integrated piezo-resistive elements 1-23216
Helm, M. see Bartel, W. 1-18500, 1-45253, 1-45254
Helm, M. see O'Neill, L.H., Jr. 1-50443
Helman, J.S., Baltensperger, W. Inelastic scatter-ing of polarized low-energy electrons by plas-mons in ferromagnetic metals 1-2901
Helman, J.S. see Barzilai, S. 1-47888
Helman, J.S. see Lopez-Cruz, E. 1-12145
Helmberger, D.V., Engen, G.R. Modeling the long-period body waves from shallow earth-quake at regional ranges 1-53989
Helmberger, D.V. see Given, J.W. 1-44147
Helmbold, M. Calculations for the release of metallic fission products of HTR cores of differ-ent design variants 1-5975
Helmecke, J. see Dschao, K. 1-36613
Helmer, R.G., Lee, M.A. Analytical functions for fitting peaks from Ge semiconductor detectors 1-28800
Helmer, R.G., Van Assche, P.H.M., Van Der Leun, C. Recommended standards for gamma-ray energy calibration (1979) 1-17946
Helmholtz, R.B., Wieggers, G.A., Bartolome, J. Investigation of the structural phase transitions in the ammonium trifluorides of zinc, man-ganese and cobalt by means of X-ray and neu-tron diffraction 1-2616
Helmholtz, R.B. see van Dijk, T. 1-15874
Helming, P., Bowman, W.C., De Lucia, F.C. A study of the rotational-torsional spectrum of hydrogen peroxide between 80 and 700 GHz 1-45944
Helmis, C.G. see Asimakopoulou, D.N. 1-9282
Helmis, G. see Heinrich, G. 1-47151
Helmke, P.A. Rock alteration and mineral trans-formations for nuclear waste management 1-32061
Helms, C.R. see Mandurah, M.M. 1-38401
Helms, C.R. see Schwarz, S.A. 1-31272, 1-39209
Helms, D. see Tang, K.Y. 1-39590
Helms, D.A., Winniewisser, M., Winniewisser, G. Millimeter wave spectrum of barium sulfide in a low-pressure flame. Current millimeter wave measurements of high-temperature species 1-14872
Helms, P. see Beardsmore, C.S. 1-22151
Helmy, E.M. see Woo, S.B. 1-37280, 1-37281
Helms, J.D., Daly, P. A lower bound for the two-dimensional Helmholtz equation 1-24334
Heldson, J.H., Jr. Chaff seeding effects in a dynamical-electrical cloud model 1-54189
Helsper, C., Fissan, H.J., Muggli, J., Schweid-weiler, A. Particle number distributions of aero-ols from test fires 1-48750
Helten, H.J. see Oswald, H. 1-36944
Helton, F.J. see Bernard, L.C. 1-15609
Helwa, N.H. Solar energy at ground surface 1-17161
Hemachalam, K. see Segal, H.R. 1-47827
Hemelrijk, E. Van see Van Hemelrijk, E.
Hemenway, C. see Frigo, N. 1-37514
Hemingway, R.J. see Aston, D. 1-50470
Hemingway, S.J., Rowlinson, J.S., Severin, E.S. A test of a two-density theory of surface tension 1-20514
Hemion, G. A quantum theory of space and time 1-18130
Hemley, R. see Roebber, J.L. 1-6269
Hemmati, H., Collins, G.J. Laser excited fluores-cence of I_2 1-10771
Hemmati, H., Collins, G.J. Atomic Sn, Sb, and Ge photodissociation lasers 1-15164
Hemmen, J.L. Van see Van Hemmen, J.L.
Hemmendinger, H. see Kaiser, P.K. 1-13305
Hemmett, P.L.F. see Asano, T. 1-7638
Hemmerich, P. see Locoove, J.M. 1-28558
Hemmerling, J., Hergt, R. Real structure inves-tigations of LiNbO_3 single crystals grown by the flux method 1-25186
Hemmes, R.J., Kops, J.J.T., Oolbekkink, B., Wijn-heijmer, M.L. Space research: a challenge to Holland 1-49470
Hemming, W. see Witzel, W. 1-8399
Hemon, D. see Coolin D'Hooghe, M. 1-22075
Hemp, W.S. General bending-torsion theory 1-24670
Hempel, H.-G., Patz, W. On the conductivity of metal films during coalescence and the influence of an electric field on their growth 1-30850
Hempelmann, A. see Musielok, B. 1-4918
Hempelmann, R., Hilscher, G. Ferromagnetism in Ti-Mn ternary hydrides 1-20964
Hemphill, B.T. see Sturniolo, D. 1-28745
Hemphill, B.T. see Meineri, W.D. 1-50766
Hempton, X. de see de Hempton, X.
Hemstreet, L.A. Trends in the electronic properties of substitutional 3d transition-metal impurities in GaAs 1-25657
Hennaf, J. see Detaint, J. 1-16164
Henaish, B.A., Sayed, A.M., Morsy, S.M. Fast and thermal neutron response of BeO and $\text{Li}_2\text{B}_4\text{O}_7\text{:Mn}$ in comparison with LiF and CaF_2 1-28822
Henberger, J.D., Tough, J.T. Geometric effects on superfluid turbulence: Rectangular, square, and circular tubes compared 1-34530
Henbest, N. Tuning in to the Universe 1-17767
Henbest, N. New stars for old [novae] 1-49684
Henc-Bartolic, V., Djuric, T. Verdet constant measurement 1-1678
Hencke, H. The piezo-resistive-pressure receiver for the pressure field from 0 to 2 bar 1-249
Henckes, M. see Alkkofer, O.C. 1-45773
Henckes, M. see Aubert, J.J. 1-5630
Hendee, W.R., Rossi, R.P. Performance specifica-tions for diagnostic

- Hengrasme, S., Frost, D.C., Mitchell, K.A.R. An assessment of the quasidynamical method for selecting trial models in LEED crystallography 1-2790
- Hengst, J.H.T. see Ihrig, H. 1-35103
- Hengstenberg, R. see Dotsch, E. 1-52260
- Henichart, J.P. see Gors, C. 1-30216
- Henig, E.-Th. see Dörner, P. 1-53155
- Henin, C. see Donguy, J.R. 1-49279
- Henin, N. see Lowe, V.E. 1-43261
- Henins, A. see Deslattes, R.D. 1-29981, 1-36920
- Henins, I. see Jarboe, T.R. 1-6997
- Henins, I. see Sherwood, A.R. 1-34112
- Henisch, H.K. see Manificat, J.-C. 1-20762
- Henke, B.L. X-ray spectroscopy in the 100-1000 eV region 1-23390
- Henke, I. see Schneider, J. 1-25987
- Henke, J. see Schermer, R.I. 1-48923
- Henke, L. see Wangler, J. 1-51304
- Henke, W., Seizle, H.L., Hays, T.R., Lin, S.H., Schlag, E.W. Effect of collision and magnetic field on quantum beat in biacetyl 1-37183
- Henke, W., Seizle, H.L., Hays, T.R., Schlag, E.W. Magnetic field dependence of molecular quantum beat: biacetyl 1-19087
- Henke, W. see Hays, T.R. 1-31837
- Henkel, C. see Wilson, T.L. 1-27577
- Henkelman, R.M., Lam, G.K.Y., Kornelsen, R.O., Eaves, C.J. Explanation of dose-rate and split-dose effects on mouse foot reactions using the same time factor 1-43916
- Henkelmann, R. see Rysell, H. 1-34364
- Henkle, Z. Ferromagnetic anisotropy of the electrical resistivity in cubic uranium phosphide and arsenide with Th_2P_4 structure 1-47690
- Henkin, G.M., Manin, Yu.I. Twistor description of classical Yang-Mills-Dirac fields 1-479
- Henkin, R.E. see Chang, W. 1-4360
- Henle, K.J. see Roti Roti, J.L. 1-21995
- Henley, E.M., Hwang, W.-Y.P. Effects of nuclear parity violation in deuterium atoms and elastic electron-deuteron scattering 1-45497
- Henley, E.M. see Cheung, C.Y. 1-18648
- Henley, E.M. see Freedman, R.A. 1-23480
- Henley, E.M. see Haxton, W.C. 1-28379
- Henley, E.M. see Hwang, W.-Y.P. 1-28322
- Henley, E.M. see Miller, G.A. 1-28498
- Hennline, P. see Glad, A. 1-6006
- Henni, T. Long-range transport model of SO_2 and sulfate and its application to the Eastern United States 1-13525
- Hennawi, A. On the variational equations associated with a Lagrangian 1-4749
- Henne, R., von Bradke, M., Weber, W. Progress in the development of small flame heated thermionic energy converters 1-53637
- Henneberg, H. see Klemm, D. 1-33062
- Henneberger, W.C. Some aspects of the Aharonov-Bohm effect 1-114
- Henneberger, W.C. Aharonov-Bohm scattering and the velocity operator 1-49968
- Henneck, R. see Simoni, M. 1-24004
- Hennel, A.M., Marinez, G. Charge transfer $\text{Cr}^{2+}(\text{d}^4) \rightarrow \text{Cr}^{1+}(\text{d}^5)$ induced by hydrostatic pressure in chromium doped GaAs 1-47547
- Hennemuth, B., Oberle, H.J., Freytag, C. An error analysis of the double-theodolite pibal method with examples from the slopewind-experiment Innsbruck 1978 1-22507
- Hennequin, J.-F. see Inglebert, R.-L. 1-28118
- Hennequin, J.-F. see Viaris, D. Lesegno, P. 1-48216
- Henner, E.K. see Bogomolova, L.D. 1-52837
- Hennessy, R.J., Ono, Y., Simons, J.P. A crossed molecular beam study of the chemiluminescent reaction $\text{Xe}(\text{P}_{3/2}) + \text{BrCN} \rightarrow \text{Xe}(\text{S}_0) + \text{B} + \text{CN}(\text{B}^2\Sigma^+)$ 1-6296
- Hennessy, R.J., Simons, J.P. Rotational alignment in inelastic and reactive scattering. Crossed-beam study of the processes $\text{Kr}(\text{P}_{3/2}) + \text{Br}_2 \rightarrow \text{Kr}(\text{S}_0) + \text{Br}_2^*$ and $\text{KrBr}(\text{B}) + \text{Br} \rightarrow \text{KrBr}(\text{S}_0) + \text{Br}_2^*$ 1-6356
- Hennicke, H.W., Brems, V., Sarlak, A.-R. The effect of the composition of structural stoneware bodies on their plastic deformation 1-35304
- Hennig, H.F.-K.O., Fricke, A.H. Recovery potential and chronic oil pollution on the South African coast 1-35722
- Hennig, H.-P., Ebert, I., Steinike, U., Geissler, H., Kretzschmar, U. Investigation of the interaction of quartz with H_2 under supply of mechanical energy. I 1-20395
- Hennig, K. Pole figure correction formulae for the parallel-sided plate 1-25122
- Hennig, K. see Mucklich, K. 1-31487
- Henniger, J. see Hubner, K. 1-947
- Hennings, C.D. Reliability of large superconducting magnets through design 1-50924
- Hennings, D., Flohn, H. Some aspects of evaporation and sensible heat flux of the tropical Atlantic 1-22392
- Hennings, J. A comparison of the construction of old and new turbomolecular pumps 1-276
- Henning, W. see Back, B.B. 1-718
- Henning, W. see Sanders, S.J. 1-14503
- Henninger, R.J., Alcouffe, R.E., Ganapol, B.D., Clark, B.A. Effects of fuel-sodium film interaction and delayed fission gas release on extended fuel motion in a high-power LMFBF subassembly 1-10471
- Henningsen, J.O. Stark effect in the CO_2 laser-pumped CH_3OH far-infrared laser as a technique for high-resolution infrared spectroscopy 1-14883
- Hennino, T. see Bachelier, D. 1-23688
- Hennion, B., Hennion, M. Spin wave damping in NiFe and NiMn alloys by inelastic neutron scattering 1-7819
- Hennion, M. see Hennion, B. 1-7819
- Hennion, P. see Barloutaud, R. 1-36885
- Henoc, J., Maurice, F. Single and multiple scattering in the simulation of electron trajectories. Application to the calculation of X-ray depth distribution 1-17138
- Henoc, J. see Roinel, N. 1-4401
- Henoc, P. see Bourquet, P. 1-42405
- Henoux, J.C., Rust, D. Horizontal distribution of the X-ray energy deposit in the chromosphere and Ha two ribbon flares 1-32680
- Henrard, J. Perturbations due to the shape of the Moon in lunar theory 1-13706
- Henrard, J., Moons, M. Hamiltonian theory of the libration of the Moon 1-40365
- Henri, M., Sanchez, C., Kha, C.R., Livage, J. Random glass structure and electron localisation in amorphous V_2O_5 1-47937
- Henrich, E. see Kanelakopoulos, B. 1-35068
- Henrich, V.E. Spurious structure in second-derivative energy loss spectra 1-21305
- Henrich, V.E., Dresselhaus, G., Zeiger, H.J. Energy-dependent electron-energy-loss spectroscopy: Application to the surface and bulk electronic structure of MgO 1-26323
- Henrichs, J.W. see Verster, N.F. 1-51262
- Henrichs, R.M. see Castiglione, D.P.L. 1-18066
- Henriksen, A., Seip, H.M. Strong and weak acids in surface waters of southern Norway and southwestern Scotland 1-4224
- Henriksen, J.F. The corrosion and protection of steel in saturated $\text{Ca}(\text{OH})_2$ contaminated with NaCl 1-53335
- Henriksen, K. see Sandholt, P.-E. 1-4715
- Henriksen, K. see Sivjee, G.G. 1-40246
- Henriksen, M.J. see Henry, J.P. 1-54643
- Henriksen, R. see Kvernes, I. 1-30597
- Henriksen, R.N., De Robertis, M. The exact dynamical evolution of spherical inhomogeneous perturbations to a Friedmann background of dust 1-34436
- Henriksen, R.N. see Bicknell, G.V. 1-4989
- Henriksen, R.N. see Bridle, A.H. 1-44633
- Henriksen, R.N. see Chan, K.L. 1-22880
- Henriksen, R.N. see De Robertis, M. 1-36409
- Henrikson, H.E. see Boehm, F. 1-18466
- Henrikson, H.E. see Wang, K.-C. 1-1415
- Henrikson, K., Sivjee, G.G., Deehr, C.S. Winter enhancement of atomic lithium and sodium in the polar upper atmosphere 1-17718
- Henriksson-Enflo, A. see Fischer-Hjalmars, I. 1-1111
- Henriou, P.N., De Greef, J.F., Claes, W., Leurs, A. Storage of krypton radioactive waste in pressurised cylinders adsorbed on activated charcoal-fundamental aspects 1-10447
- Henrioux, J.P., Jourdain, G. Probabilities of errors in a submarine acoustic transmission channel 1-24581
- Henriques, A.B. see Dias de Deus, J. 1-28295, 1-40972
- Henry, A. see Teffo, J.L. 1-1208
- Henry, B.E. see Heidt, L.E. 1-40166
- Henry, B.R., Ali Mohammadi, M. Bandwidths in the gas phase overtone spectra of neopentane 1-6271
- Henry, B.R., Mohammadi, M.A. Overtone spectra as a probe of molecular conformations: local mode description of the CH-stretching overtone spectra of the haloethanes 1-51195
- Henry, C.H. Limiting efficiencies of ideal single and multiple energy gap terrestrial solar cells 1-4177
- Henry, C.H. Large lattice relaxation processes in semiconductors 1-34662
- Henry, D.C. see Beeken, R.B. 1-25871
- Henry, E.A. see Meyer, R.A. 1-14468
- Henry, E.W. see Kavanagh, R. 1-35632
- Henry, G. Residential heating in Nova Scotia: wood vs. oil 1-48780
- Henry, G.R. Structure of the in-plane 90° charged magnetic domain wall in double-layer magnetic films 1-16464
- Henry, J. see Van Houtte, P. 1-13316
- Henry, J.D., Jr. see Chan, D.Y.C. 1-48744
- Henry, J.P., Henriksen, M.J., Charles, P.A., Thorstensen, J.R. Observations of the two components of the Abell 98 cluster of galaxies 1-54643
- Henry, L. see Favennec, P.N. 1-2476
- Henry, L. see Peyre, H. 1-19254
- Henry, M., Orcutt, J.A., Parker, R.L. A new method for slant stacking refraction data 1-44317
- Henry, M.C. see Grojean, R.E. 1-31987
- Henry, R. see Sreenivasan, K.R. 1-11375
- Henry, R.C., Anderson, R.C., Fastie, W.G. Far-ultraviolet studies. VII. The spectrum and latitude dependence of the local interstellar radiation field 1-9604
- Henry, R.D. see Johnson, P.B. 1-28039
- Henry, R.F. see Foreman, M.G.G. 1-9164
- Henry, R.J.W. Excitation of atomic positive ions by electron impact 1-41497
- Henry, R.J.W. see Bhadra, K. 1-6169
- Henry, R.M., Al Chalabi, L. Microprocessor applications to velocity measurement by cross-correlation [flow measurement] 1-24904
- Henry, W.M. see Gendreau, R.M. 1-26866
- Henry, Y., Moulin, M., Laugier, A. Thickness dependence of lattice parameter and band gap in $\text{Ga}_{1-x}\text{In}_x\text{As}_{1-y}\text{P}_y/\text{InP}$ heterostructures 1-52115
- Henschel, H. see Neidel, H.-O. 1-23965
- Henschel, G. see Arnold, F. 1-54198
- Hense, U. see Bodschnwinna, H. 1-23171
- Hensel, E. see Boden, G. 1-43185
- Hensel, F. see Franz, G. 1-25147, 1-25774
- Hensel, F. see Hefner, W. 1-26198
- Hensel, F. see Schonherr, G. 1-25770
- Hensel, F. see Uchtmann, H. 1-19859
- Hensel, H.-J. see Plith, W. 1-34771
- Hensel, J.C., Dynes, R.C. Interaction of non-equilibrium, ballistic phonons in a heat pulse with the electron-hole liquid in Ge: the phonon wind 1-16239
- Hensel, P. see Bond, D.J. 1-33815
- Hensgens, C., Kallwitz, P. Single-stage ammonia/water-operated absorption-type heat pumps with outputs in excess of 1 MW 1-35697
- Henshall, G. see Renner, D. 1-46345
- Henshall, G.D., Greene, P.D. The fabrication and characteristic of three-layer $\text{In}_{1-x}\text{Ga}_x\text{As}_{1-y}\text{P}_y$ lasers for CW operation at 1.5 μm wavelength 1-11022
- Henshall, G.D., Greene, P.D. $(\text{Ga},\text{In})(\text{As},\text{P})/\text{InP}$ DH lasers as sources for optical fibre communications operating at 1.3 μm wavelength 1-41742
- Henshall, J.L., Gee, M.G., Singh, G., Boyd, G.A.C. Creep crack growth in AISI 316 stainless steel and a quenched $1\text{Cr}/2\text{Mo}$ steel 1-39455
- Henshaw, D.L., Griffiths, N., Landen, U.A.L., Benton, E.V. A method of producing thin CR-29 plastic nuclear track detectors and their application in nuclear science and technology 1-51046
- Henshaw, P.C., Jr., Merrill, R.T. Magnetic and chemical changes in marine sediments 1-13398
- Henskens, R.A. see Algra, H.A. 1-25927
- Hensley, D.C. see Bemis, C.E., Jr. 1-36972
- Hensley, D.C. see Dayras, R.A. 1-5794
- Hensley, D.C. see Fulmer, C.B. 1-50617
- Hensley, D.C. see Geoffroy, K.A. 1-50651
- Hensley, D.C. see Johnson, N.R. 1-18599
- Hensley, D.C. see Sarantides, D.G. 1-45771
- Hensley, D.C. see Young, G.R. 1-14534
- Hensley, M.J. see O'Caín, C.F. 1-48965
- Henson, P.W. The results of a decade of individual personnel radiation monitoring and comments on the application of 'working condition B' 1-9039
- Hentle, R. see Hanninen, R. 1-10353
- Hentschel, G. see Sacharidis, E.J. 1-50469
- Hentschel, H.G.E. Critical dynamics in a soluble model of dilute ferromagnetism 1-12331
- Hentschke, M.K. see Sattlegger, J.W. 1-54262
- Hentz, S.J. see Sikdar, D.N. 1-44285
- Henney, F.S. Improved ray description of wave equations 1-23023
- Henze, E. see Scheibler, H.R. 1-32241
- Henzler, M. see Kuhlmann, W. 1-7669
- Heogh-Krohn, R. see Grossmann, A. 1-93
- Heppburn, A. see McNeil, T. 1-50899
- Heppburn, G.A. see Cutler, J.M. 1-10498
- Hepp, A. see Baerlocher, Ch. 1-29958
- Hepp, K. see Waschke, E. 1-4024
- Hepp, V. see Berger, C. 1-5636
- Hepp, V. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Heppelman, S. see Jonckheere, A. 1-51013
- Heppelmann, S. see Berg, D. 1-28320
- Heppelmann, S. see Collick, B. 1-45290
- Heppenheimer, T.A. On the origin of the Kirkwood Gaps 1-4808
- Heppke, G. see Gobl-Wunsch, A. 1-52065
- Heppner, J., Hubner, U. Gain saturation of CW laser pumped FIR laser gases 1-15156
- Heppner, J.P. see Maynard, N.C. 1-36106
- Herakovich, C.T., Bergner, H.W., Jr. Finite element stress analysis of a notched coupon specimen for in-plane shear behaviour of composites 1-8371
- Herald, D., Marsden, B.G. Comet Bradfield (1980) 1-27426
- Herald, D. see Bradfield, W.A. 1-27423
- Herb, S.W. see Ito, A.I. 1-45373
- Herbelin, J.M., McKay, J.A. A replacement solvent for dimethylsulfoxide (DMSO) in CW dye lasers 1-41690
- Herber, R.H., Davis, R.F. Lattice dynamics of alkali metal intercalated tin compounds from temperature dependent Mossbauer studies 1-31067

- Herber, R.H., Rein, A.J. Anomalous hyperfine interactions in FeOCl intercalation compounds: the van der Waals layer lattice modes 1-38751
- Herberg, H., Voitlander, J. NMR in AgPt alloys 1-26058
- Herberman, R. *see* Hsieh, S.Y. 1-45736
- Herbert, D.C., Humphreys, R., Holeman, B., Maher, E.F. Theory of transient photoconductivity in counter-doped semiconductors 1-3009
- Herbert, D.C. *see* Dean, P.J. 1-3456, 1-48135
- Herbert, F. Prigogine's diffusion theorem and its application to atmospheric transfer processes. I. The governing theoretical concept 1-4558
- Herbert, F. The development of numerical weather forecasting through the noise-free atmosphere hypothesis 1-9218
- Herbert, F. Lunar core detection using two surface magnetometers at very low frequency 1-22692
- Herbert, I.R. *see* Martin, S.O. 1-44925
- Herbert, J.M. *see* Whatmore, R.W. 1-5375
- Herbert, R. *see* Woods, W.J. 1-821
- Herbert, T., Morkovin, M.V. Dialogue on bridging some gaps in stability and transition research 1-37883
- Herbertz, R., Wiegels, H. The difference between tension and compression stress-strain curves, as interpreted by the influence of hydrostatic pressure 1-43405
- Herbig, G.H. R Aquarii 1-9537
- Herbig, G.H., Soderblom, D.R. Observations and interpretation of the near-infrared line spectra of T Tauri stars 1-44549
- Herbolch, G., Poeppelring, R.K. Corrosion properties of austenitic-ferritic duplex steel AF 22 in chloride and sulfide containing environments 1-43580
- Herbst, E. An additional uncertainty in calculated radiative association rates of molecular formation at low temperatures 1-36365
- Herbst, E. Can negative molecular ions be detected in dense interstellar clouds? 1-49780
- Herbst, E., Knudson, S.K. Potential surface constraints on electronic degeneracy factors in statistical phase space calculations 1-53405
- Herbst, H.C. Large air-storage gas-turbine plant in an interconnected system 1-8757
- Herbst, J.F. Lattice-constant variation of the barium 4f level 1-25625
- Herbst, J.F., Chraplyvy, A.R., Croat, J.J. Laser annealing and selective magnetization of manganese-aluminum alloys 1-30974
- Herbst, J.F. *see* Croat, J.J. 1-38948
- Herbst, M.J., Stamper, J.A., Whitlock, R.R., Lehmberg, R.H., Ripin, B.H. Evidence from X-ray, ^{57}Fe , and ^{200}Pb emission for laser filamentation in a plasma 1-38127
- Herbst, M.J. *see* McLean, E.A. 1-7004
- Herbst, W. Recent results on associations: anatomy of CMA OBI and Mon OBI 1-36347
- Herbst, W., Sawyer, D.L. Results of a new approach to determining the density function in the galactic plane: the local system 1-54389
- Herbst, W. *see* Turner, D.G. 1-9587
- Herbut, F. *see* Bozovic, I.B. 1-7117, 1-20612
- Herchenroder, G. *see* Vobian, J. 1-46571
- Herchenroder, P., Segui, Y., Horne, D., Yoon, D.Y. Ferroelectricity of poly(vinylidene fluoride): transition temperature 1-31103
- Hercules, D.M. Analytical applications of SIMS 1-31289
- Hercules, D.M. *see* Salvati, L., Jr. 1-16554
- Herdade, S.B. *see* Arruda-Neto, J.D.T. 1-5812, 1-10396
- Herdlicka, G. *see* Olteanu, M. 1-14133
- Heremans, J. *see* Boxus, J. 1-42803
- Heremans, J. *see* Michenaud, J.P. 1-31006
- Heremans, K., Ceuterick, F., Rijkenberg, J., De Bodt, L. A high-pressure pressure-jump relaxation technique 1-29149
- Heremans, K., Wauters, J. High pressure stopped-flow studies of fast conformational changes in proteins 1-41528
- Herendeen, R.A., Plant, R.L. Energy analysis of four geothermal technologies 1-48791
- Herenyi, L. *see* Kondor, I. 1-217
- Heresch, F. *see* Steidl, H. 1-21741
- Herger, P. *see* Euler, K.-J. 1-43545
- Herges, P. *see* Wischniewski, I.N. 1-18605
- Herget, C. *see* Buhler, H.-E. 1-52304
- Herget, W.F., Brasher, J.D. Remote Fourier transform infrared air pollution studies 1-4238
- Hergt, R. Defect generation in LPE garnet films during annealing 1-20590
- Hergt, R. Roughness and rate anisotropy of growth steps on LPE garnet films 1-20593
- Hergt, R. *see* Hemmerling, J. 1-25186
- Heribanova, V. Composite materials with a glass component and their electrical properties 1-53304
- Hericy, J. *see* Le Hericy, J.
- Hering, P., Rabin, Y. Atom-molecule radiative collisions. The inelastic case 1-37308
- Hering, W. *see* Trautman, W. 1-45489
- Herington, E.F.G. New equations for the representation of vapour-liquid equilibria data for isothermal binary mixtures 1-38492
- Heron, J., Niekisch, E.A., Scharl, G. Investigation of metal oxide/cuprous oxide heterojunction solar cells 1-32025
- Heritage, J.P., Allara, D.L. Surface picosecond Raman gain spectra of a molecular monolayer 1-8052
- Heritage, J.P., Bergman, J.G. Wavelength derivative surface Raman gain spectroscopy of carbonate on silver 1-26200
- Heritage, J.P. *see* Degani, J. 1-45004
- Heritier, M., Lederer, P., Montambaux, G. Self-trapped excitations in condensed matter physics 1-2852
- Herkenrath, H., Hufschmidt, W., Wolf, L. Experimental results of 16-rod PWR subchannel measurements and comparisons with predictions 1-50739
- Herlach, F. Pulsed magnetic field generators and their practical application 1-33012
- Herlemont, F. *see* Lyszyk, M. 1-51516
- Herley, P.J., Christofferson, O., Todd, J.A. Microscopic observations of the thermal decomposition of α -aluminum hydride 1-4072
- Herley, P.J. *see* Dougherty, D. 1-4108
- Hermach, F.L. *see* Galakhova, O.P. 1-36690
- Herman, B.M., Asous, W., Browning, S.R. A semi-analytic technique to integrate the radiative transfer equation over optical depth 1-49384
- Herman, B.M. *see* King, M.D. 1-22491
- Herman, B.M. *see* Reagan, J.A. 1-6487
- Herman, B.M. *see* Spinhirne, J.D. 1-9250
- Herman, D.A. *see* Plaskett, T.S. 1-3642
- Herman, G. *see* Baker, D.J., Jr. 1-13562
- Herman, G.C. *see* Kleefstra, M. 1-7739
- Herman, G.F., Wu, M.L.C., Johnson, W.T. The effect of clouds on the Earth's solar and infrared radiation budgets 1-22486
- Herman, H. Near-millimetre wave emission from trioxan 1-24406
- Herman, H., Hu, W.W., Clayton, C.R., Hirvonen, J.K., Kant, R., Macrone, R.K. Modification of mechanical properties by ion implantation [steel] 1-21587
- Herman, H. *see* Bhat, H. 1-11997
- Herman, H. *see* Chu, K.K.-T. 1-15432
- Herman, H. *see* Dorfman, M. 1-21646
- Herman, H. *see* Hu, W.W. 1-3913, 1-16871, 1-21594
- Herman, H. *see* Jantzen, C.M. 1-26510
- Herman, H. *see* Rangaswamy, S. 1-20430
- Herman, I.P. Evaluation of quantum and photoproduct yields in multiple-photon dissociation for isotope separation 1-4116
- Herman, J.H. *see* Barker, D.R. 1-32283
- Herman, J.S. *see* Houser, C.A. 1-20477
- Herman, M. *see* Adamski, L. 1-14518
- Herman, M. *see* Hofmann, H.M. 1-5767
- Herman, M.F., Berne, B.J. A Monte Carlo procedure for the study of solvent effects on quantum molecular degrees of freedom 1-28944
- Herman, M.F. *see* Sun, H. 1-37087
- Herman, M.W., Patrick, J., Tabrizsky, J. A comparative study of scattered radiation levels from 80-kVp and 240-kVp X-rays in the surgical intensive care unit 1-40010
- Herman, Y., Hopkins, D.M. Arctic oceanic climate in Late Cenozoic time 1-27247
- Herman, Y. *see* Worsley, T.R. 1-54247
- Herman, Z.S. *see* Loew, G.H. 1-1422
- Hermann, A.M. *see* Datta, T. 1-7602
- Hermann, C., Lampel, G., Pearsall, T.P. Optical pumping measurement of valence band spin-orbit splitting in $\text{Ga}_{1-x}\text{As}_x\text{P}_{1-y}\text{As}_y$ 1-47459
- Hermann, G., Bek, R., Steeb, S. Structure of Cd-Ga melts. I. X-ray high-angle scattering and ultrasonic-measurements 1-7073
- Hermann, G., Rainer-Harbach, G., Steeb, S. Structure of Cd-Ga melts. II. X-ray small-angle scattering 1-7074
- Hermann, G. *see* Conard, J. 1-38992
- Hermann, H.W., Hertel, I.V. Orientation in atomic collisions: correspondence of classical model and partial-wave analysis 1-10847
- Hermann, H.W., Hertel, I.V., Kelley, M.H. Orientation in the 3P-3S transition in sodium induced by electron impact 1-1378
- Hermann, J.A. An amplifying solution of the Maxwell-Bloch equations with atomic relaxation and field losses 1-6196
- Hermann, J.A., Thompson, B.V. Two-photon optical bistability with spatial effects 1-1621
- Hermann, J.-P. *see* Smith, P.W. 1-46428
- Hermann, K. Quantum mechanical models for the interaction of a simple adsorbate with a solid surface 1-11977
- Hermann, K., Nofke, J., Horn, K. Lateral interactions in rare gas monolayers: Band-structure models and photoemission experiments 1-3037
- Hermann, R. A geometric variational formalism for the theory of nonlinear waves 1-23027
- Hermann, R., Hurt, N. Some relations between system theory and statistical mechanics 1-50085
- Hermann, R.A., Jordan, E.L., Collins, W.J. Inservice inspection—a false sense of security? 1-50840
- Hermanns, H.D. *see* Roth, P. 1-21698
- Hermanns, P.W. *see* Van Den Hout, K.D. 1-28985, 1-28986
- Hermanson, J. *see* Heimann, P. 1-53055
- Hermel, W., Leitner, G., Krumphold, R. Review of induction sintering: fundamentals and applications 1-39263
- Hermes, D.J. *see* Aertsen, A.M.H.J. 1-32133
- Hermes, E.A. *see* Pruys, J.S. 1-50659
- Hermosillo, F. *see* Diaz, A. 1-7897
- Herns, G., Steil, H. The pentagonal dodecahedral model of vitreous silica and its compatibility with diffraction experiments 1-30092
- Hernsen, W. *see* Bignami, G.F. 1-36429
- Hernsen, W. *see* Caraveo, P.A. 1-22865
- Hernsen, W. *see* Kanbach, G. 1-13792
- Hernsen, W. *see* Pollock, A.M.T. 1-44631
- Hernan, M.A., Jimenez, J. Image analysis of experimental data in turbulence 1-19681
- Hernandez, C.A., Sahade, J. The spectroscopic binary γ Velorum 1-44595
- Hernandez, E.S., Rемаud, B. General properties of gaussian-conserving descriptions of quantal damped motion 1-49975
- Hernandez, E.S. *see* Remaud, B. 1-5156
- Hernandez, G. Measurement of thermospheric temperatures and winds by remote Fabry-Perot spectrometry 1-4648
- Hernandez, G., Robie, R.G., Allen, J.H. Midlatitude thermospheric winds and temperatures and their relation to the auroral electrojet activity index 1-17714
- Hernandez, G. *see* Cayrel de Strobel, G. 1-49648
- Hernandez, G. *see* Vedrintsev, G.A. 1-13394
- Hernandez, J.P. *see* Batra, A.P. 1-2699
- Hernandez, O.G. *see* Potter, D.I. 1-30284
- Hernandez, P. *see* Andreo Hernandez, P.
- Hernandez A., J., Lopez, F.J., Murrieta S. H., Rubio O. J. Optical absorption, emission, and excitation spectra of Eu^{2+} in the alkali halides 1-39125
- Hernandez A., J. *see* Lopez, F.J. 1-39130
- Hernandez Vettori, A. *see* Millan Cebrian, S. 1-8985
- Hernando, A., Barandiaran, J.M. Micromagnetics of twisted amorphous ribbons 1-12379
- Hernando, A. *see* Barandiaran, J.M. 1-21024
- Hernando, A. *see* Poza, M. 1-16433
- Hernon, M. *see* Bettis, J.R. 1-23879
- Hero, A. *see* Hagemann, H.-J. 1-7185
- Herold, A. *see* Billaud, D. 1-8248, 1-31703, 1-34755, 1-47627
- Herold, A. *see* El Makrini, M. 1-20136, 1-20137, 1-38769, 1-43288
- Herold, A. *see* Furdin, G. 1-20952
- Herold, A. *see* Guerdar, D. 1-35205, 1-47135
- Herold, A. *see* Hy Hau, N. 1-47584
- Herold, A. *see* Lagrange, P. 1-39622
- Herold, A. *see* Mareche, J.F. 1-38904
- Herold, A. *see* Mareche, J.-F. 1-42579
- Herold, A. *see* Vasse, R. 1-39621
- Herold, H., Mozer, A., Sadowski, M., Schmidt, H. Design and calibration of a Thomson ion analyzer for plasma focus studies 1-45072
- Herold, H., Ruder, H. Microscopic theory of nuclear collective rotation. IV. Specific decoupling for strongly deformed nuclei 1-647
- Herold, H., Ruder, H., Wunner, G. The two-body problem in the presence of a homogeneous magnetic field 1-46054
- Herold, H. *see* Bertalot, L. 1-15648
- Herold, H. *see* Decker, G. 1-51995
- Herold, H. *see* Ruder, H. 1-41347
- Herold, H. *see* Schmitt, W. 1-49496
- Herold, H. *see* Wunner, G. 1-1148, 1-5712, 1-46173
- Herold, U. *see* Koster, U. 1-20069, 1-25491
- Herold, W.-D. *see* Bocklin, J. 1-14734
- Herold, W.E. Broadband transmission over light guides 1-46580
- Heron, K.H. *see* Gaukröger, D.R. 1-19613
- Heron, M.L. Transresonant propagation through equatorial plasma bubbles—discrete events 1-4700
- Heron, R.A. *see* Crook, A. 1-19508
- Herppich, G. *see* Niedermeyer, H. 1-25040
- Herr, A. *see* Clad, R. 1-25939
- Herr, A. *see* Dubin, S. 1-13346
- Herr, K., Frischal, G.H. Ion exchange between glass melts of the system $\text{Na}_2\text{O}-\text{Rb}_2\text{O}-\text{SiO}_2$ 1-20436
- Herran, J. *see* De La Herran, J.
- Herranden-Harker, W.G. *see* Barrett, P. 1-47622
- Herrera, J.L. *see* Lopez-Cruz, E. 1-52629
- Herrera, L., Jimenez, J., Ruggeri, G.J. Evolution of radiating fluid spheres in general relativity 1-23067
- Herrera, L. *see* Cosenza, M. 1-50000
- Herrera, N.E. *see* Gupta, S.M. 1-49108
- Herrera, R. Calibration of a TLD system for personnel and environmental monitoring 1-9038
- Herrero, F.A., Meriwether, J.W., Jr. 6300-Å air-glow meridional intensity gradients 1-4673
- Herrero, V.J. *see* Aoz, F.J.L. 1-4050
- Herrnau, J.P. *see* Huignard, J.P. 1-6614, 1-15229
- Herriek, C.C., Behrens, R.G. Growth of large uraninite and thorianite single crystal from the melt using a cold-crucible technique 1-35165
- Herriek, C.C. *see* Nicol, A.G. 1-5981
- Herriek, D.R. Pairing model for doubly excited atoms 1-1060

- Herrick, D.R. SU(2) symmetry for linear polyenes 1-45860
- Herrick, D.R., Kellman, M.E., Poliak, R.D. Super-multiplet classification of higher intrashell doubly excited states of H⁺ and He 1-6183
- Herrick, D.R., Poliak, R.D. Dipole channels of two-electron atoms 1-24078
- Herrick, D.R. see Kellman, M.E. 1-6184
- Herring, C. see Buckingham, M.J. 1-41022
- Herring, C. see White, R.M. 1-3267
- Herring, F.G., Phillips, P.S. An ESR study of molecular reorientation in liquids 1-7937
- Herring, G.S., Perkins, R.J., Pond, S.L. Device and method of measuring compound corona performance 1-50162
- Herring, J.R. A note on Owens' mesoscale eddy simulation 1-17610
- Herring, J.R. Statistical theory of quasi-geostrophic turbulence 1-17660
- Herring, R.N. Tracing of Z-modes rays in the magnetosphere 1-32582
- Herrmann, A. see Glaser, R. 1-35792
- Herrmann, A.G. On conservation laws of continuum mechanics 1-18012
- Herrmann, F.P., Stadermann, G., Wagner, G. The influence of ambient gas atmosphere on the liquid and solid composition at liquid phase epitaxial growth of GaAs-Al_xGa_{1-x}As layers 1-30585
- Herrmann, G. see Gaggeler, H. 1-18666
- Herrmann, G. see Hickmann, U. 1-8634
- Herrmann, G. see Kino, G.S. 1-48594
- Herrmann, G. see Zenzel, M. 1-41057
- Herrmann, H.J. see Eschbach, P.D. 1-32934
- Herrmann, J., Motschmann, U. Resonance-Raman-induced Kerr effect in molecules in the ground and electronically excited states 1-33472
- Herrmann, J., Spratte, W., Schneider, G.M. Smectic polymorphism of some bis-(4,4'-n-alkoxy-benzylidene)-1,4-phenylenediamines up to 3 kbar by differential thermal analysis (DTA) 1-38520
- Herrmann, J. see Wilhelm, B. 1-46437
- Herrmann, K.H. see Hoerstel, W. 1-20773
- Herrmann, K.-H., Krahl, D., Rust, H.-P. Electronic recording and processing of CTEM images 1-50279
- Herrmann, P.P. Determination of thickness, refractive index, and dispersion of waveguiding thin films with an Abbe refractometer 1-6650
- Herrmann, R., Fellmuth, B., Weissflog, R., Golubev, V.G. Effect of the anisotropy of the Fermi surface on the propagation of helicon waves parallel to the trigonal axis 1-34612
- Herrmann, R. see Fellmuth, B. 1-16218
- Herrmann, R. see Rudolph, R. 1-26112
- Herrmann, R. see Wegmann, H.M. 1-49133
- Herrmann, R.B. see Voss, J.A. 1-35937
- Herrmann, R.B. see Wang, C.Y. 1-27070
- Herrmann, U. see Savage, C.R. 1-4138
- Herrmann, W. see Weitkamp, C. 1-21970
- Herrmannsfeldt, W.B., Godlove, T.F., Keefe, D. Inertial confinement fusion systems using heavy ion accelerators as drivers 1-18879
- Herrrod, R.T., Wada, S. Altarelli-Parisi equation in the next-to-leading order 1-14387
- Herron, J.T., Huie, R.E. Rate constants at 298K for the reactions SO₂+SO+M→(SO)₂+M and SO+(SO)₂→SO₂+S₂O 1-31831
- Herron, R.H. see Skrovanek, S.D. 1-31524
- Herron, T.J., Stoffa, P.L., Buhl, P. Magma chamber and mantle reflections—East Pacific Rise 1-35954
- Herrstrom, N.-Y. see Bjarle, C. 1-40292
- Herrup, D. see Bebek, C. 1-33191
- Herrup, D. see Chadwick, K. 1-33192
- Herschbach, K., Schneider, W., Wassilew, C., Ehrlich, K. The irradiation behaviour of clad and wrapper materials for the SNR 300 1-23753
- Herscovitz, V.E. see Dillig, M. 1-41068
- Hersee, S. see Hirtz, J.P. 1-41719
- Hersel, W. see Bubeck, C. 1-8568
- Hershey, J.L. Astrometric analyses of 14 Sproul plate series 1-9474
- Hershey, J.L., Borgman, E.R., Worth, M.D. Three 40-year intensive Sproul plate series and planetary detection capability and probability 1-9481
- Hershey, R.B. see Sales, W.L. 1-23824
- Hershwitz, N. see Chung Chan 1-34102
- Hershler, C., Milner, M. Angle-angle diagrams in the assessment of locomotion 1-8889
- Hershler, C., Milner, M. Angle-angle diagrams in above-knee amputee and cerebral palsy gait 1-17416
- Herskind, B. Experimental studies of very high spin states 1-45398
- Herskind, B. see Hubel, H. 1-10377
- Hersman, F.W. see Kelly, J. 1-28388
- Hersman, M.S., Poe, G.A. Sensitivity of the total power radiometer with periodic absolute calibration 1-40851
- Hertel, I.V. see Hermann, H.W. 1-1378, 1-10847
- Hertel, I.V. see Muller, W. 1-37465
- Hertel, J. A model of dynamic recovery during hot working. I. Development and verification of the model 1-8355
- Hertel, J. A model of dynamic recovery during hot working. II. Control of the model on known relationships of hot and cold working 1-26522
- Hertel, N.E., Smathers, J.B., Graves, R.G. Gamma-ray spectra measured in a tissue-equivalent medium irradiated with neutron radiotherapy sources 1-53817
- Herten, G. see Barber, D.P. 1-534, 1-28309
- Hertler, T. see Helfer, H.L. 1-44555
- Hertford, D., Gurtowski, J., Lewis, E. Fatigue characteristics of avian leg tendons 1-13279
- Hertler, W.E. see Balz, R. 1-16490
- Hertling, D.R. see Feeney, R.K. 1-37331
- Hertz, H.G. see Hirata, F. 1-28908
- Hertz, J.A., Khurana, A., Klemm, R.A. Propagation of sound in a spin-glass 1-47898
- Hertz, P. see Grindlay, J.E. 1-22848
- Hertz, P. see Lightman, A.P. 1-32772
- Hertzberg, A. Continuous high-power gas lasers 1-10977
- Hertzberg, A. Overview of high efficiency power cycles for fusion 1-50941
- Hertzberg, A. see Christiansen, W.H. 1-46417
- Hertzberg, A. see Shaw, D. 1-48912
- Hertzberger, L. see Daum, C. 1-14424, 1-28357
- Hertzberger, L.O. see Daum, C. 1-14736
- Herre, A. see Dykes, M. 1-45784
- Herre, B.P. see Marchant, J.D. 1-39280
- Heret, H., Leger, L., Rondelez, F. Chains dynamics in entangled polymer solutions 1-38239
- Hervey, G.R., Tobin, G., Rothwell, N.J., Stock, M.J. Brown adipose tissue and diet-induced thermogenesis 1-48966
- Hervieu, M., Rebbaï, H., Desgardin, G., Raveau, B. Layer structure: the oxides A₂Ti₂MO₄ 1-38353
- Hervieu, M. see Choisein, J. 1-21205
- Hervig, R.L., Smith, J.V. Sodium thermometer for pyroxenes in garnet and spinel lherzolites 1-9149
- Hervig, R.L., Smith, J.V., Steele, I.M., Gurney, J.J., Meyer, H.O.A., Harris, J.W. Diamonds: minor elements in silicate inclusions: pressure-temperature implications 1-44143
- Hervig, R. Ion beam oxidation of Nb-based Josephson junctions 1-3100
- Hery, M. see Schneider, J.C. 1-28576
- Herynek, I. see Batyuna, B.V. 1-600
- Herynek, I. see Boos, E.G. 1-5661
- Hery, E.R. see Schneider, R.A. 1-23800
- Herz, K. see Kussmaul, K. 1-35384
- Herz, R.K. see Sell, J.A. 1-17335
- Herzberg, G. Spectroscopic studies based on the pioneering work of R.S. Mulliken 1-14868
- Herzberg, G., Watson, J.K.G. The electronic emission spectrum of triatomic hydrogen. II. The perpendicular bands near 7100 Å 1-1249
- Herzer, G., Fahnle, M., Egami, T., Kronmüller, H. Micromagnetic theory of phase transitions in inhomogeneous ferromagnets. III. Non-local Landau-Ginzburg theory 1-16441
- Herzfeld, J., Berger, A.E. Sideband intensities in NMR spectra of samples spinning at the magic angle 1-28998
- Herzfeld, J., Briehl, R.W. Phase behavior of rigid rod-like particles formed by reversible linear polymerization of quasi-spherical particles 1-39636
- Herzig, G.P. see Glasgow, G.P. 1-35886
- Herziger, G., Bakowsky, L., Schonbach, K., Peschko, W. Spatial structures of spark channels in the breakdown phase 1-34175
- Herziger, G., Wollermann-Windgasse, R., Banse, K.H. On the homogenization of transverse gas discharges by preionization 1-51999
- Herziger, G. see Krompholz, H. 1-46932
- Herziger, G. see Neff, W. 1-2240
- Herzlinger, M. see Bebek, C. 1-33191
- Herzlinger, M. see Chadwick, K. 1-33192
- Herzog, F., Alder, K. Decay electron spectra of bound muons 1-5771
- Herzog, G.W., Marageter, E. Frequency and concentration dependences of the capacitance of mercury double layers 1-48003
- Herzog, P. Table of NMR/ON experiments 1-34945
- Herzog, R. see Dyachkov, E.I. 1-52696
- Herzog-Cance, M.H., Potier, J., Potier, A. Wide line NMR study of the proton hydrates in crystallized salts. II. Dioxonium ion 1-3269
- Hese, A. see Brieger, M. 1-29141, 1-46166
- Hesheng Hu see Hu Hesheng
- Hesketh, T.R., Van Bogart, J.W.C., Cooper, S.L. Differential scanning calorimetry analysis of morphological changes in segmented elastomers 1-35277
- Hesp, B.H., Wiersma, D.A. Vibrational relaxation in neat crystals of naphthalene by picosecond CARS 1-12485
- Hess, A. see Schmid, E. 1-49071
- Hess, A.L., Rucker, R.A., Baylor, K.J. Physics studies on a simulated gas-cooled fast reactor 1-28537
- Hess, C.F. see Bachalo, W.D. 1-33049
- Hess, E. see Umlauf, E. 1-20705
- Hess, F., Patti, F.J. Design of a sample carrier decontamination facility 1-50878
- Hess, G.B. see Guenin, B.M. 1-2736
- Hess, H. Use of heat pumps in drying timber 1-35686
- Hess, H. see Busching, D. 1-34091
- Hess, J., Levy, A. Response of the Mossbauer spectrum of paramagnetic Fe³⁺ in Al₂O₃ to nuclear dipole fields 1-26097
- Hess, J.W., Frandsen, G.B. Standard Examination Stage for the Fuels and Materials Examination Facility 1-50774
- Hess, K. Phenomenological physics of hot carriers in semiconductors 1-16292
- Hess, K., Holonyak, N., Jr. Hot electrons in layered semiconductors 1-7625
- Hess, K. see Glisson, T.H. 1-16342
- Hess, K. see Holonyak, N., Jr. 1-29281
- Hess, K. see Kuever, M. 1-34778
- Hess, K. see Pruis, J.S. 1-50659
- Hess, K. see Shichijo, H. 1-47659
- Hess, L.D. see Olson, G.L. 1-52446
- Hess, P. see Mashni, M. 1-32722
- Hess, P.O., Maruhn, J.A., Greiner, W. Systematic study of potential energy surfaces 1-14494
- Hess, R. see Besset, D. 1-10375
- Hess, R.F. A preliminary investigation of neural function and dysfunction in amblyopia. I. Size-selective channels 1-4271
- Hess, R.F., Bradley, A. Contrast perception above threshold is only minimally impaired in human amblyopia 1-8871
- Hess, S. Viscoelasticity associated with molecular alignment 1-6838
- Hess, S. Shear-flow-induced distortion of the pair-correlation function 1-19789
- Hess, S. see Kagermann, H. 1-50051
- Hessberger, F. see Sahm, C.-C. 1-10397
- Hessberger, F.P. see Munzberg, G. 1-50695
- Hesse, G., Kowarschik, R. Measurement of wave length and frequencies in the optical spectral range 1-28048
- Hesse, G., Kowarschik, R., Zollner, F., Böttcher, M., Schmidt, W. Theoretical and experimental investigations of the interference structure in a modular two-beam grating interferometer 1-40844
- Hesse, H.J. see Weiser, G. 1-20642
- Hesse, J. see Gillissen, K. 1-21337
- Hesse, J. see Wilkening, G. 1-27733
- Hesse, K.-F., Eysel, W. Structure of dimercury(II) germanate(IV) 1-42347
- Hesse, R., Bassler, H. Short-time carrier transport in amorphous pentacene 1-12142
- Hesselink, W. see Pruys, J.S. 1-50659
- Hesselink, W.H., Wiersma, D.A. Vibrionic relaxation in molecular mixed crystals: pentacene in naphthalene and p-terphenyl 1-47179
- Hesselink, W.H.A. see Kalshoven, A.W.B. 1-10321
- Hesselink, W.H.A. see Konijn, J. 1-41026, 1-50488
- Hesselink, W.H.A. see Ludziejewski, J. 1-50508
- Hesselink, W.H.A. see Van Poelgeest, A. 1-10320
- Hessell, J.W.D. Apparent trends of mean temperature in New Zealand since 1930 1-13559
- Hesser, J.E. see Stover, R.J. 1-22794
- Hesser, J.E. see van den Bergh, S. 1-40535
- Hesser, J.E. (editor) Star Clusters. IAU Symposium No.85 1-32803
- Hessler, J.P. see Beitz, J.V. 1-31942
- Hessler, J.P. see Caird, J.A. 1-45979, 1-46008
- Hester, R.E., Nour, E.M. Resonance Raman studies of transition metal peroxo complexes. II. The purple intermediate formed in the reactions of iron(II)- and iron(III)ethylenediaminetetraacetate with superoxide and hydrogen peroxide, respectively 1-43115
- Hester, R.E., Nour, E.M. Resonance Raman studies of transition metal peroxo complexes. III. The blue intermediate formed in the reaction of chromium(VI) with hydrogen peroxide in strongly acidic solution 1-48077
- Hester, R.E., Nour, E.M. Resonance Raman studies of transition metal peroxo complexes. IV. The potassium μ -peroxo-bis[pentacyanocobaltate(III)], K₂[(CN)₅Co₂(O₂Co(CN)₅)]·H₂O and μ -superoxo-bis[pentacyanocobaltate(III)], K₂[(CN)₅Co₂(O₂Co(CN)₅)]·H₂O complexes 1-48078
- Hester, R.E. see Reginato, L.L. 1-28751
- Hester, R.E. see Wilbrandt, R. 1-41384
- Hetherington, D. see Rehfield, D.M. 1-28802
- Hetherington, J.H. see Delrieu, J.M. 1-2771
- Hetherington, J.H. see Roger, M. 1-2772
- Hetherington, N.S. Sirius B and the gravitational redshift: an historical review 1-44596
- Hetherington, W.M., III, Korenowski, G.M., Eisenthal, K.B. Picosecond CARS as a probe of the multiphoton photofragmentation of benzene 1-35585
- Hetherington, W.M., III see Dupuy, C. 1-33520
- Hetrarski, R.B. see Bahar, L.Y. 1-19569
- Hetrick, D.L. see Grijshankar, P.V. 1-10460
- Hetrick, R.E., Vassell, W. An electrochemical transistor using a solid electrolyte 1-4098
- Hetrick, M.C. see Machnik, D.E. 1-49750
- Hetu, R. see Tremolieres, C. 1-32139

- Hetzl, F.W. *see* Bicher, H.I. 1-39889
- Heuberger, A. *see* Betz, H. 1-28150
- Heuer, A.H. *see* Phillips, D.S. 1-11871, 1-11872, 1-11873
- Heuer, H. The numerical solution to a boundary value problem in the theory of elasticity with mixed boundary conditions 1-33900
- Heuer, P.M. *see* Bradhurst, D.H. 1-33297
- Heuer, R.D. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Heuer, R.D. *see* Drumm, H. 1-14762
- Heuer, R.D. *see* O'Neill, L.H., Jr. 1-50443
- Heuler, P. *see* Seeger, T. 1-46679
- Heulin, B. *see* Claus, A. 1-48458
- Heumann, T., Preval, A. The equilibrium diagram of the system Ag-50 at.% Ce 1-35234
- Heurung, G., Gruhn, R. Electron microscope structure studies of crystalline $\text{WO}_3\text{-Nb(V)}$ oxides. II. The $\text{Nb}_2\text{O}_5\text{-WO}_3$ system 1-34482
- Heusch, B., Beck, C., Coffin, J.P., Freeman, R.M., Gallmann, A., Haas, F., Rami, F., Wagner, P., Alburger, D.E. The $^{18}\text{O}\text{-}^{13}\text{C}$ fusion-evaporation reaction 1-45558
- Heusch, B. *see* Kolata, J.J. 1-45528
- Heusden, E.Van *see* Van Heusden, E.
- Heusden, S.Van *see* Van Heusden, S.
- Heusden, S.Van *see* Van Heusden, S.
- Heusener, G., Hubel, H., Rossbach, W. The safety of fast breeder reactors with regards to accidents involving destruction of the core 1-23781
- Heusser, C., Pietsch, G. Prebreakdown phenomena between glass-glass and glass-metal electrodes 1-15703
- Heuster, K.E., Ohtsuka, T. Ellipsoid-reflectometry at nickel in sulphuric acid solutions 1-35004
- Hess, P. *see* Arnault, C. 1-23947
- Heuts, J.G. *see* Noorlander, C. 1-4279
- Heuvel, E.P.J.Van *see* Van den Heuvel, E.P.J.
- Heuvel, F.C.Van *see* Van den Heuvel, F.C.
- Heuvel, W.M.C.Van *see* Van Den Heuvel, W.M.C.
- Hevert, H.W., Hevert, S.C. Second law analysis: an alternative indicator of system efficiency 1-17299
- Hevert, S.C. *see* Hevert, H.W. 1-17299
- Hevesi, I. *see* Nanai, L. 1-7654
- Hevesi, I. *see* Szoreny, T. 1-30073
- Hewat, A.W. Profile refinement of neutron powder diffraction patterns 1-30004
- Hewat, A.W. *see* Bogacz, A. 1-11731
- Hewes, D.E. Electrofluidic accelerometer 1-36635
- Hewett, D.W. A global method of solving the electron-field equations in a zero-inertia-electron-hybrid plasma simulation code 1-38141
- Hewitt, A.E. *see* Jones, C.H. 1-26977
- Hewitt, J.M., McKenzie, D.P., Weiss, N.O. Large aspect ratio cells in two-dimensional thermal convection 1-32421
- Hewitt, R.C. *see* Citrin, P.H. 1-25564
- Hewitt, R.G.L., Robinson, L.C. Scattering of electromagnetic waves from a magnetized plasma 1-29854
- Hewson, A.C. *see* News, D.M. 1-7563
- Hey, A.J.G. Particle systematics 1-10183
- Hey, A.J.G. Theories of baryonium, exotics and multi-quark systems? 1-45202
- Hey, J.D., Breger, P. Calculated Stark widths of oxygen ion lines 1-1167
- Hey, J.D., Breger, P. Calculated Stark widths of isolated S(III) and S(IV) lines 1-14846
- Heyde, K. *see* Abreu, M.C. 1-23598
- Heyde, K. *see* Fogelberg, B. 1-41058
- Heyde, K. *see* Huysse, M. 1-41072
- Heyde, K. *see* Wenes, G. 1-41031
- Heyde, P.Von *see* Von der Heyde, P.
- Heyde, T.P.E.Auf der *see* Auf der Heyde, T.P.E.
- Heydegger, H.R. *see* Teitel, N. 1-44321
- Heydenreich, J. *see* Hillebrand, R. 1-19257
- Heyder, J., Gebhart, J., Rudolf, G., Stahlhofen, W. Physical factors determining particle deposition in the human respiratory tract 1-49038
- Heydt, I.van *see* van der Heydt, I.
- Heydt, N.van *see* van der Heydt, N.
- Heydtmann, H. *see* Dill, B. 1-26750
- Heye, W. *see* Cyris, P.H. 1-31565
- Heyes, D.M. Electrostatic potentials and fields in infinite point charge lattices 1-44847
- Heyes, D.M., Kim, J.J., Montrose, C.J., Litovitz, T.A. Time dependent nonlinear shear stress effects in simple liquids: a molecular dynamics study 1-11648
- Heyland, D. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Heyland, G.R. *see* Charlton, M. 1-24291
- Heylen, A.E.D. Paschen characteristics of gases in a crossed magnetic field 1-11615
- Heylen, A.E.D., Guile, A.E. Magnetic arc movement from a multi-collisional viewpoint 1-15721
- Heyman, J.S. *see* Cantrell, J.H., Jr. 1-37753
- Heymann, D., Dzikanic, M. A process of stellar nucleosynthesis which mimics mass fractionation in P-xenon 1-9476
- Heymann, D., Dzikanic, M., Xenon, osmium, and lead formed in O-shells and C-shells of massive stars 1-4908
- Heymann, G. *see* Fischer, W. 1-20217
- Heymsfield, A.J., Jameson, A.R., Frank, H.W. Hail growth mechanisms in a Colorado storm. II. Hail formation processes 1-49339
- Heymsfield, A.J. *see* Jameson, A.R. 1-49338
- Heyn, M.F., Lang, C.B. Analysis of the pion form factor in the space-like and time-like region 1-40998
- Heyn, T. *see* Storbeck, F. 1-20524
- Heyne, C.J. *see* Singh, S.K. 1-48927
- Heynen, J.P.H. *see* Breed, D.J. 1-47920
- Heyns, A.M., Hirsch, K.R., Holzapfel, W.B. The effect of pressure on the Raman spectrum of NH_4I 1-39107
- Heyraud, J.C., Metois, J.J. Establishment of the equilibrium shape of metal crystallites on a foreign substrate. Gold on graphite 1-2367
- Heyraud, J.C., Metois, J.J. Equilibrium shape of gold crystallites on a graphite cleavage surface: surface energies and interfacial energy 1-20550
- Heyraud, J.C., Metois, J.J. Anomalous $^{1/2}$ 422 diffraction spots from $\{111\}$ flat gold crystallites: (111) surface reconstruction and moiré fringes between the surface and the bulk 1-25541
- Heyraud, J.C. *see* Metois, J.J. 1-30605
- Heyt, J.W. *see* Lu, C.C. 1-37899
- Heyvaerts, J. *see* Hameury, J.M. 1-17819
- Heyvaerts, J. *see* Mercier, C. 1-22767
- Heywood, S., Churcher, J. Direction-specific and position-specific effects upon detection of displacements during saccadic eye movements 1-39935
- Heza, S. *see* Schauer, F. 1-20861
- Hguyen, K.H. *see* MacArthur, J.W. 1-39735
- Hi Dong Chai *see* Ho Chong Lee 1-10884
- Hianik, T., Paschek, V.I., Flerov, M.N. Generation of higher alternating-current harmonics in bilayer lipid membranes 1-17353
- Hibbert, A. Atomic polarisabilities and polarised pseudostates in the multiconfigurational approach. III. Second-row atoms and ions 1-1127
- Hibbert, A., Bates, D.R. Quantal calculation of the lifetime of $\text{N}^+(\text{S})$ and the $\lambda 2145\text{\AA}$ auroral mystery feature 1-54303
- Hibbert, A. *see* Fon, W.C. 1-33561
- Hibbelle, J. *see* Cornils, L. 1-17145
- Hibbs, C.W. *see* McGee, M.G. 1-35917
- Hiberty, P.C. Analysis of molecular orbital wave functions in terms of valence bond functions for molecular fragments. I. Theory 1-51103
- Hibi, S., Fujita, K., Maeda, M., Kakizawa, T., Imada, K. Change in crystalline texture and crystal orientation in rolling of high-density polyethylene film 1-43358
- Hibino, T. *see* Nakayama, K. 1-31405
- Hick, H. *see* Nolte, E. 1-23541
- Hicken, E.F. *see* Ghazanfari, A. 1-10449
- Hickey, J. *see* Vito, R.P. 1-32163
- Hickman, A.P. Model for fast, nonadiabatic collisions between alkali atoms and diatomic molecules 1-24212
- Hickman, A.P. Approximate scaling formula for collisional angular-momentum mixing of Rydberg atoms 1-24226
- Hickman, A.P., Gillen, K.T. Comparison of ion pair formation in the systems $\text{Ar}^+ + \text{I}_2$ and $\text{K}^+ + \text{I}_2$ 1-10832
- Hickman, A.P. *see* Gillen, K.T. 1-29106
- Hickman, R.B. *see* Hoover, W.G. 1-2669
- Hickman, S. *see* Zoback, M.D. 1-27106
- Hickmann, U., Greulich, N., Trautmann, N., Gager, H., Gaggeler-Koch, H., Eichler, B., Herrmann, G. Rapid continuous radiochemical separations by thermochromatography in connection with a gas-jet recoil-transport system 1-8634
- Hickmott, T.W. Dipole layers at the metal-SiO₂ interface 1-3067
- Hickox, C.E., Watts, H.A. Steady thermal convection from a concentrated source in a porous medium 1-24792
- Hicks, E. *see* Leroy, B. 1-44228
- Hicks, G. *see* Exon, N.F. 1-4486
- Hicks, H.G. *see* Campbell, E.M. 1-41228
- Hicks, H.R. *see* Carreras, B. 1-6963, 1-38093
- Hicks, J.H. *see* Yochheim, E.D. 1-18794
- Hicks, K.H., Ward, T.E. The half-life of ^{197}Pb 1-18601
- Hicks, P.J. *see* Mitchell, P. 1-19190
- Hicks, R.S. *see* Lindgren, R.A. 1-50589
- Hicks, T.J. *see* Moze, O. 1-13057
- Hicter, P. *see* Cheynet, M.-C. 1-30359
- Hicter, P. *see* Djemili, B. 1-25484
- Hicter, P. *see* Favre Bonte, M. 1-25144
- Hicter, P. *see* Favre-Bonte, M. 1-30045
- Hicter, P. *see* Khanna, S.N. 1-30389, 1-30398
- Hida, H. *see* Shirafuji, J. 1-18300
- Hida, K. The phase separation and the diffusive instabilities accompanied by the nematic-isotropic transition of the liquid crystalline mixtures. II. The coupling between the diffusive instabilities and the director field 1-16030
- Hida, M. *see* Nakajima, J. 1-18318
- Hidaka, K. Dynamics of ocean currents parallel to a long straight coast 1-9175
- Hidaka, K. The oscillations of water in an annular basin of variable depth 1-17623
- Hidaka, K. Poincaré waves and Kelvin waves in a rotating straight canal of parabolic section 1-22355
- Hidaka, T., Morikawa, T., Shimada, J. Spectroscopic small loss measurements on infrared transparent materials 1-18310
- Hidaka, Y. *see* Matsutera, H. 1-7913
- Hidalgo-Alvarez, R. *see* Gonzalez-Caballero, F. 1-35575
- Hiddleston, H.R., Segall, S.B., Catella, G.C. Variable period free-electron laser amplifier simulation studies 1-10974
- Hide, R. On the rotation of Jupiter 1-32646
- Hide, R. Jupiter and Saturn: giant magnetic rotating fluid planets 1-49567
- Hide, R., Malin, S.R.C. On the determination of the size of the Earth's core from observations of the geomagnetic secular variation 1-32403
- Hidvegi, I., Tuszyński, W., Gliemann, G. Luminescence of $\text{K}_2\text{Pt(SCN)}_4$ single crystals at high pressure 1-43153
- Hieber, C.A. Mixed convection in an isothermal horizontal tube: Some recent theories 1-37905
- Hieber, R.D. *see* Salzman, G.C. 1-27925
- Hieda, K. *see* Kitajima, H. 1-12591, 1-43198, 1-43199
- Hiemstra, H. *see* Sleeswyk, A.W. 1-3855
- Hiene, J.F.A.Van *see* Van Hiene, J.F.A.
- Hier, R.G. *see* Stockman, H.S. 1-54654
- Hieri, P.M. *see* Tacheng Hsieh 1-14203
- Hiernaut, J.P., Roch, A. Study of copper oxide thin film doping by spark mass spectrometry 1-2488
- Hiernaut, J.P., Roch, A., Van Cakenberghe, J. Stoichiometry and structure of copper oxide films on glass 1-7493
- Hietanen, J., Kauppinen, J. High resolution infrared spectrum of acetylene in the region of the bending fundamental ν_2 1-45964
- Hietkamp, G.A. *see* Peschka, W. 1-1058
- Hietschold, M., Pasch, G., Bartos, I. Adiabatic variational calculation of the lattice relaxation at metal surfaces 1-7269
- Hieu, N.Van *see* Van Hieu, N.
- Hieu Nguyen Van *see* Nguyen Van Hieu
- Higaki, S. *see* Ido, S. 1-50927
- Higaki, S. *see* Imasaki, K. 1-6982
- Higaki, S. *see* Miyamoto, S. 1-10564
- Higashi, A. *see* Oguro, M. 1-11752
- Higashi, K. *see* Fujita, H. 1-19799
- Higashi, K. *see* Ishizaki, T. 1-26518
- Higashi, K. *see* Namekata, J. 1-26624
- Higashi, Y., Yamaguchi, H., Yamanouchi, M. Production of negative ions of oxygen and fluorine from solid cones of a sputter source without using gases 1-23919
- Higashi, Y. *see* Lee, S.M. 1-36975
- Higashida, K. *see* Takamura, J. 1-12758
- Higashiguchi, M., Uesugi, K., Hasegawa, R., Kawasaki, E. Attitude control system of a rocket 1-226
- Higashiguchi, M. *see* Hotate, K. 1-24499
- Higashiguchi, Y. *see* Onchi, T. 1-2521
- Higashijima, K., Nishijima, K. Renormalization groups of Gell-Mann and Low and of Callan and Symanzik 1-50315
- Higashino, I. *see* Watanabe, N. 1-4768
- Higashino, Y. *see* Suzuki, H. 1-7815, 1-34954
- Higasi, K. *see* Minami, R. 1-7999
- Higazy, N.A. *see* Abdel Salam, M.S. 1-17160, 1-17164
- Higbee, C.V. *see* Lienau, P.J. 1-48793
- Higbie, J. The farmer and the fence post [vectors and forces] 1-17979
- Higbie, J. Magdeburg 1979 1-22982
- Higbie, J. Microscope resolution 1-27719
- Higbie, P.R. *see* Baker, D.N. 1-40276
- Higdon, J.C., Leinenfeller, R.E. Supernova radio remnants and the filling factor of the hot interstellar medium 1-4949
- Higenyi, J., Bayazitoglu, Y. Radiative transfer of energy in a cylindrical enclosure with heat generation 1-1811
- Higg, T.P. *see* Beckmann, P.A. 1-21059
- Higgins, F.P., Norton, S.J., Linzer, M. Optical interferometric visualization and computerized reconstruction of ultrasonic fields 1-11270
- Higgins, J. *see* Ti Tien, H. 1-32032
- Higgins, J.P. Implementation of IGSCE counter-measures for Type 304 stainless-steel piping 1-50763
- Higgins, J.S. *see* Nicholson, L.K. 1-34216
- Higgins, M.L., Smith, M.N., Gross, G.W. Selective cell destruction and precise neurite transection in neuroblastoma cultures with pulsed ultraviolet laser microbeam irradiation: an analysis of mechanisms and transection reliability with light and scanning electron microscopy 1-27038
- Higgins, P.D. *see* Biswas, N.N. 1-18515
- Higgins, R.J. *see* Matheson, T.G. 1-52467
- Higgins, W.M. *see* Nelson, D.A. 1-39228
- Higginson, E. *see* Evers, P. 1-32323
- Higginson, R.F., Rennie, A.J. A case study of environmental noise evaluation 1-1772
- Higgs, B.S. *see* Armstrong, R.S. 1-51308
- High Background Radiation Res. Group Health survey in high background radiation areas in China 1-32208

- Hilger, W.T.** *see* Froes, F.H. 1-12767, 1-48513
- Higbes, W.L.** *see* Bahman Emami 1-53761
- Highfield, D.P.** *see* Dewey, W.C. 1-53831
- Highland, J.A.** *see* Taylor, J.P.S. 1-50716
- Highman, V., Levy, Y., Vlachos, N.S., Whitelaw, J.H.** The measurement of retinal blood velocity with laser Doppler anemometry 1-8965
- Highmore, P.J., Huddell, R.J.** Calibration of block for ultrasonic wave angle probes 1-12939
- Hight, R.D.** *see* Schectman, R.M. 1-1139
- Hightower, J.A.** *see* Beck, S.R. 1-35669
- Higo, M., Ogawa, T.** Isotope effects for the formation of slow and fast excited hydrogen atoms produced by controlled electron impact on H_2 and D_2 1-6393
- Higo, M.** *see* Ogawa, T. 1-19137
- Higo, T.** *see* Iwashita, Y. 1-14710
- Higon, E.** *see* Adamovich, M.I. 1-45317
- Higon, E.** *see* Bolta, J.M. 1-18518
- Higon, E.** *see* Fiorino, A. 1-50583
- Higuchi, E.** *see* Nakata, R. 1-7945
- Higuchi, F., Muto, J.** Thermal bleaching of rhodamine 6G in polymethyl methacrylate (PMMA) 1-26228
- Higuchi, F.** *see* Muto, J.-I. 1-48110
- Higuchi, H., Ikeda, K., Horiuchi, S., Susaki, W.** A new laser device with a directly attached micro spherical lens on a TJS laser facet 1-24433
- Higuchi, H.** *see* Omura, E. 1-33730
- Higuchi, K.** *see* Kawashima, Y. 1-14592
- Higuchi, K.** *see* Koike, Y. 1-7792
- Higuchi, N.** *see* Fujisaki, H. 1-6725
- Higuchi, Y.** Temporal subsidence growth due to secondary distortion of trapped particles 1-11540
- Higuchi, Y.** *see* Hashimoto, K. 1-45338
- Hihara, G., Inoue, H., Nagata, M.** X-ray diffraction intensity with absorption correction for crystalline-amorphous mixed phases in selenium-tellurium system 1-15810
- Hihara, T.** *see* Kasamatsu, Y. 1-42555
- Hihara, T.** *see* Kojima, K. 1-38914
- Hijkata, A., Yoshioka, S., Miyazaki, M., Tanaka, H., Hayashi, Y.** Evaluation of the durability of the material used for the burner and heat exchanger of a warm-air heater during cyclic heating 1-53381
- Hijkata, K.** *see* Hirasawa, S. 1-19704
- Hijkata, K.** *see* Mori, Y. 1-29682
- Hijkata, K.** *see* Nakagawa, H. 1-19783
- Hijningen, N.C.J.** *see* van Hijnningen, N.C.J.
- Hikami, S.** Three-loop β -functions of non-linear σ models on symmetric spaces 1-23421
- Hikami, S.** Non-linear σ model of Grassmann manifold and non-Abelian gauge field with scalar coupling 1-33102
- Hikami, S.** Renormalization group functions of orthogonal and symplectic non-linear σ models 1-33103
- Hikasa, K., Igi, K.** An upper bound for the t-quark mass from duality and unitarity 1-10169
- Hikata, A.** *see* Araki, H. 1-15958
- Hikata, A.** *see* Kwon, H. 1-6704, 1-16129
- Hiki, Y., Tsuruoka, F.** Evidence of quasi-local phonon modes around dislocations in crystals 1-20342
- Hiki, Y.** *see* Kaburaki, H. 1-7401
- Hiki, Y.** *see* Kogure, Y. 1-20488
- Hikida, T., Yagi, S., Mori, Y.** Lifetime studies of $NO(A^2\pi^+, v=4)$, $NO(B^2\Pi, v=9)$ and $NO(D^2\pi^+, v=0)$ 1-24180
- Hikita, H., Asai, S., Tanigawa, K., Segawa, K., Kitao, M.** Gas hold-up in bubble columns 1-11443
- Hikita, T., Kitabatake, M., Ikeda, T.** Effect of hydrostatic pressure on the phase transitions of langbeinite-type crystals 1-12464
- Hikosaka, M.** Effect of molecular weight on phase transition of polyethylene under high pressure 1-52084
- Hikosaka, M., Minomura, S., Seto, T.** Melting and solid-solid transition of polyethylene under pressure 1-25408
- Hikosaka, M., Tamaki, S.** Growth of bulky extended chain single crystals of polyethylene 1-47015
- Hilaire, L., Legare, P., Holl, Y., Maire, G.** Interaction of oxygen and hydrogen with Pd-Au alloys: an AES and XPS study 1-47380
- Hilaire, L.** *see* Legare, P. 1-53321
- Hilal, M.A.** Minimization of refrigeration power for large cryogenic systems 1-44935
- Hilal, M.A.** Two-dimensional heat transfer to superfluid helium 1-47321
- Hilal, R.** Molecular charge distribution and chemical binding in five-membered heterocycles. I 1-45836
- Hilal, R.** Localized molecular orbitals and chemical binding in five-membered heterocycles. II 1-45837
- Hilbert, M.** *see* Nemeth, B. 1-6294
- Hilbert, R., Todheide, K., Franck, E.U.** PVT data of water and concentrated NaCl solutions at 600°C and 4 kbar 1-42507
- Hilborn, J.W., Glen, J.S., Seddon, W.A., Barnstaple, A.G.** Industrial process heat from CANDU reactors 1-32000
- Hilczner, T.** Effect of hydrostatic pressure on the electric permittivity and the density of liquid benzene derivatives 1-3316
- Hilczner, T.** *see* Sliwinski-Bartkowiak, M. 1-43059
- Hildebrand, B.P.** Advances in acoustical holography 1-19517
- Hildebrand, B.P., Doctor, S.R.** Acoustical holography advancements 1-11254
- Hildebrand, B.P., Trolinger, J.D.** A statistical analysis of a holographic system intended for the Space Shuttle 1-41627
- Hildebrand, O., Kuebart, W., Benz, K.W., Pilkuhn, M.H.** $Ga_{1-x}Al_xSb$ avalanche photodiodes: resonant impact ionization with very high ratio of ionization coefficients 1-47737
- Hildebrand, O., Kuebart, W., Lutz, J., Benz, K.W.** Resonant enhancement of intrinsic impact ionization involving spin-orbit split-off valence band states 1-52572
- Hildebrand, O., Kuebart, W., Pilkuhn, M.H.** Resonant enhancement of impact in $Ga_{1-x}Al_xSb$ 1-34715
- Hildebrand, R.H., Spillar, E.J., Stiening, R.F.** Observations of fast oscillations in SS Cygni 1-49664
- Hildebrand, R.H.** *see* Keene, J. 1-9630
- Hildebrand, R.H.** *see* Loewenstein, R.F. 1-44485
- Hildebrand, R.H.** *see* Whitcomb, S.E. 1-49525
- Hildebrandt, A.F., Dasgupta, S.** Survey of power tower technology 1-21848
- Hildebrandt, B.** *see* Jarbo, G.J. 1-5984
- Hildebrandt, D., Hintze, W., Juttner, B., Laux, M., Lingertat, J., Pech, P., Reiner, H.-D., Strunsky, H., Wolff, H.** Analysis of the stainless steel limiter and of shields of the WASA-probe after operation in T-10 1-26783
- Hildebrandt, D.** *see* Chicherov, V.M. 1-25028
- Hildebrandt, G., Lange, D.** UVB observations of the δ Scuti star HD 181333 1-49679
- Hildebrandt, G.** *see* Musielok, B. 1-4918
- Hildebrandt, J.** *see* Rebhan, U. 1-24429
- Hildebrandt, D., Laux, M., Lingertat, J., Pech, P., Reiner, H.-D., Strunsky, H., Wolff, H.** Modifications of the surface of a stainless steel limiter during operation in the T-10 Tokamak 1-42214
- Hildebrandt, U.** *see* Schmidt-Ihn, E. 1-43827
- Hildenbrand, D.L.** *see* Kleinschmidt, P.D. 1-43694
- Hildenbrand, D.L.** *see* Murad, E. 1-17044
- Hildenbrand, H.** *see* Haag, H. 1-19432
- Hildenbrand, K.D.** *see* Harrach, D. 1-50693
- Hilderbrand, D., Benton, E.V.** The chemical etching behavior of cellulose nitrate 1-10598
- Hilderbrandt, R.L.** *see* Quan Sheng 1-46120
- Hildingsson, L.** *see* Funke, L. 1-50485
- Hilditch, R.W.** *see* Hill, G. 1-4924
- Hilditch, T.E.** *see* Eadie, A.S. 1-27009
- Hildred, G.P.** Photon statistics for a laser with intracavity two-photon absorption 1-29249
- Hiley, B.J.** *see* Frescura, F.A.M. 1-18056, 1-40625
- Hilgeman, T.** *see* Egan, W.G. 1-21155
- Hilger, E.** *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Hilger, K.G.** *see* Arends, J. 1-41097
- Hilhorst, D.** *see* Diekmann, O. 1-52016
- Hilhorst, H.J.** *see* Yamazaki, Y. 1-36577
- Hilico, J.-C.** *see* Pierre, G. 1-6255
- Hilke, H.J.** *see* Cockerill, D. 1-14742
- Hilko, B., Meyer, J., Albrecht, G., Houtman, H.** Diagnostics in a fast high-density z-pinch 1-7003
- Hilko, B.** *see* Walsh, C.J. 1-46907
- Hill, A.J.** *see* Doman, D.R. 1-50874
- Hill, C.E.** *see* Hendry, I.A. 1-8830
- Hill, C.R.** Tissue characterisation [by US] 1-4343
- Hill, C.T.** Large distance effects in CP violation and the $K^0\bar{K}^0$ mass matrix 1-18460
- Hill, D.** *see* Abilock, H. 1-39719
- Hill, D.** *see* Mazumdar, J. 1-24733
- Hill, D.E.** Detection of latent scratches and swirl on silicon wafers by scanned surface photoreponse 1-4014
- Hill, D.N.** *see* Hughes, D.W. 1-23921
- Hill, D.P.** *see* Zucca, J.J. 1-32389
- Hill, D.W.** *see* Gardner, K. 1-43934
- Hill, F.B.** *see* Chevray, R. 1-2059
- Hill, F.P., Jr.** *see* Meineri, W.D. 1-50766
- Hill, G., Brostherus, E.B.F., Hilditch, R.W., Morris, S.C., Pfannenschmidt, E.L., Younger, F.** Photoelectric measure of M stars observed at Mt. Kobau (1971-1975) 1-4924
- Hill, G.** *see* Hutchings, J.B. 1-4921
- Hill, G.E.** Dispersion of airborne-released silver iodide in winter orographic clouds 1-49354
- Hill, G.F.** *see* Wagner, J.F. 1-4226
- Hill, G.W.** *see* Hunter, R.E. 1-49286
- Hill, H.A.** Observational evidence for global oscillations of the Sun: a review 1-27461
- Hill, H.A.** Solar pulsations 1-40457
- Hill, H.A., Rosenwald, R.D., Robinson, R.S.** The anisotropic radiation field approximation and its effect on wave equation solutions in the solar photosphere 1-27479
- Hill, H.A.** *see* Caudell, T.P. 1-13750, 1-27463
- Hill, H.A.** *see* Knapp, J. 1-27476
- Hill, H.A.** *see* Logan, J.D. 1-27478, 1-40459
- Hill, H.A.** *see* Rosenwald, R.D. 1-27477
- Hill, H.A.** *see* Stebbins, R.T. 1-27475
- Hill, H.A., Dziembowski, W.A. (editor)** Nonradial and Nonlinear Stellar Pulsation Workshop Proceedings 1-22954
- Hill, H.W.** A case of intense cyclogenesis in the Tasman Sea 1-44278
- Hill, I.A., Barker, P.F.** Evidence for Miocene back-arc spreading in the central Scotia Sea 1-4482
- Hill, J.C.** *see* Lewis, D.A. 1-14464
- Hill, J.C.** *see* Sell, J.A. 1-17335
- Hill, J.C.** *see* Wonn, F.K. 1-23610
- Hill, J.F.** Clinical comparison of the (polymacon) spin-cast hydrogel contact lens to the (polymacon) lathe-cut hydrogel lenses 1-17521
- Hill, J.M.** An integral equation arising in double diffusion theory 1-52331
- Hill, J.M., Angel, J.R.P., Scott, J.S., Lindley, D., Hintzen, P.** Multiple object spectroscopy: the Medusa spectrograph 1-49521
- Hill, J.M.** *see* Delamare, G.W. 1-2496
- Hill, J.M.** *see* Pickett, D.F. 1-53603
- Hill, J.R., Mendis, D.A.** Charged dust in the outer planetary magnetospheres. II. Trajectories and spatial distribution 1-22717
- Hill, J.R., Mendis, D.A.** On the origin of striae in cometary dust tails 1-44496
- Hill, K.** *see* Brau, K. 1-19944
- Hill, K.L., Dimock, D., Johnson, D.** A user-oriented data acquisition and control system 1-2249
- Hill, L.** *see* Authier, B. 1-13080
- Hill, M.L.** Magnetron-sputtered Ti-W films 1-12003
- Hill, N.E.** The behaviour of a dielectric obeying the Collie, Hasted and Ristone equation 1-26110
- Hill, N.W.** *see* Plattard, S. 1-18698, 1-45549
- Hill, N.W.** *see* Preadom, B.M. 1-45540
- Hill, P.G., MacMillan, R.D.C.** Saturation states of heavy water 1-11886
- Hill, P.W.** *see* Kilkenny, D. 1-44592
- Hill, R.** Basic stress analysis of hyperbolic regimes in plastic media 1-15422
- Hill, R., El-Dardiry, S.M.A.** Variables in the use and design of acoustic emission transducers 1-51685
- Hill, R., Storakers, B.** Plasticity and creep of pressurized membranes: a new look at the small-deflection theory 1-11323
- Hill, R.** *see* Casper, A.N. 1-4198
- Hill, R.A., Brown, C.R., Griffith, G.A., Sutter, L.V., Dolezal, F.A., Washburn, R.D., Peressini, E.R.** Development of a flyable CO₂ laser beacon 1-41734
- Hill, R.C.** *see* Chang, D.P.H. 1-17639
- Hill, R.J., Clifford, S.F., Lawrence, R.S.** Refractive-index and absorption fluctuations in the infrared caused by temperature, humidity, and pressure fluctuations 1-17689
- Hill, R.J.** *see* Clifford, S.F. 1-37413
- Hill, R.J.** *see* Gatehouse, B.M. 1-42342
- Hill, R.M.** Characterization of dielectric materials 1-39019
- Hill, R.M.** Evaluation of susceptibility functions 1-43055
- Hill, R.M.** *see* Jonscher, A.K. 1-26118
- Hill, R.P.** Radiation-induced changes in the *in vivo* growth rate of KHT sarcoma cells: implications for the comparison of growth delay and cell survival 1-8924
- Hill, T.F., Frahn, W.E.** Closed-form description of polarization in the inelastic scattering of light and heavy ions 1-5797
- Hill, T.G., Knopoff, L.** Propagation of shock waves in one-dimensional crystal lattices 1-38452
- Hill, T.W.** Pulsar extinction: a plasma inertia effect? 1-4928
- Hill, W.A., Coleman, C.C.** A single-frequency approximation for interface-state density determination 1-7688
- Hillaire, P.** *see* Bays, L. 1-35027
- Hillaire-Marcel, C.** *see* Gaven, C. 1-54150
- Hillairet, J., Balanzat, E., Bigot, J., Kunzi, H.U.** Electron radiation damage of some metal-metal amorphous alloys 1-34371
- Hillairet, J.** *see* Balanzat, E. 1-34675
- Hillebrand, K., Nieminen, R.M.** Renormalisation group study of Anderson localisation in two dimensions: effect of second-order terms 1-42666
- Hillebrand, R., Neumann, W., Heydenreich, J.** On the calculation of electron optical high resolution images 1-19257
- Hillebrandt, W.** *see* El Eid, M.F. 1-9361
- Hillen, W.** *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Hillendbrand, B., Uzel, Y., Schnitzke, K.** On the preparation of Nb₃Sn-layers on monocrystalline Nb-substrates 1-21351
- Hillenius, S.J., Coleman, R.V., Fleming, R.M., Cava, R.J.** Metal-insulator transition and charge-density wave in Fe_{0.25}Nb_{0.75}Se₃ 1-47718
- Hillenkamp, F.** *see* Furstenau, N. 1-43222
- Hiller, D.** *see* Wagner, E.E. 1-302
- Hiller, F.C.** *see* Mazumdar, M.K. 1-43841

- Hiller, H., King-Hele, D.G. Features of the upper atmosphere revealed by analysis of the orbit of COSMOS 1009 rocket, 1978-50B 1-40242
- Hiller, K. see Bodechtel, J. 1-54295
- Hillierich, B. Optical sampling reflectometer [optical fibres defect location] 1-18286
- Hillert, M. Some viewpoints on the use of a computer for calculating phase diagrams 1-43314
- Hillert, M. see Miodownik, A.P. 1-16439
- Hillerton, J.E. Electron microscopy of fibril-matrix interactions in a natural composite, insect cuticle 1-35793
- Hilliard, J. Statistical analysis of the measurement of grain and particle size with X-rays 1-28145
- Hilliard, J.C. see Chan, A.K.F. 1-25006
- Hilliard, J.E. see Felcher, G.P. 1-12263
- Hillier, I.H. see Atha, P.M. 1-6172
- Hillier, I.H. see Delaney, J.J. 1-45832
- Hillier, I.H. see Garner, C.D. 1-10784
- Hillier, I.H. see Guest, M.F. 1-19136
- Hillier, I.H. see Van Dam, H. 1-6315, 1-6316
- Hillier, I.H. see Wood, C. 1-41303
- Hillman, D.E., Llinas, R., Chujo, M., Crank, R. Direct analysis of nervous system ultrastructure by computer control of STEM 1-17538
- Hillner, B. see Schmiedel, H. 1-20054
- Hills, J.G. An upper limit to the rate of formation of neutron stars in the Galaxy. II 1-9550
- Hills, J.G., Fullerton, L.W. Computer simulations of close encounters between single stars and hard binaries 1-9582
- Hills, R.F. see Hodkin, D.J. 1-5883
- Hills, S.A. see Syed, A.A. 1-1790
- Hillyard, S.A. see Hansen, J.C. 1-17402
- Hilpert, K. see Odjor, R. 1-7311
- Hilscher, D., Birkelund, J.R., Hoover, A.D., Schroder, W.U., Wilcke, W.W., Huiuzenga, J.R., Mignerey, A.C., Wolf, K.L., Breuer, H.F., Viola, V.E., Jr. Neutron emission in heavy ion reactions 1-50639
- Hilscher, D. see Breuer, H. 1-23674
- Hilscher, G. see Gratz, E. 1-25701
- Hilscher, G. see Hempelmann, R. 1-20964
- Hilscher, G. see Sechovsky, V. 1-47887
- Hilsenrath, E. Rocket observations of the vertical distribution of ozone in the polar night and during a mid-winter stratospheric warming 1-4569
- Hilsenrath, E., Kirschnner, P.T. Recent assessment of the performance and accuracy of a chemiluminescent rocket sonde for upper atmospheric ozone measurements 1-17719
- Hilsom, C., Saunders, F.C. Modified Williams' domains in liquid crystals 1-15795
- Hiltun, J.S. see Van Brunt, R.J. 1-20005
- Hilti, B. see Zuppiroli, L. 1-38767
- Hiltner, A. see Eguluz, M. 1-52948
- Hiltner, P.A. see Russel, G.A. 1-16522
- Hilton, B.D. see Woodward, C.K. 1-8801
- Hilton, P.R., Oxtoby, D.W. Collisional pair polarizabilities calculated by exchange perturbation theory using electric field variant basis sets 1-46065
- Hiltunen, E.J. see Laine, E.S.U. 1-7131
- Himbergen, J.E. Van see van Himbergen, J.E.
- Himbergen, J.E. Van see van Himbergen, J.E.
- Himel, T. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Himel, T. see Dorfman, J.M. 1-41020
- Himel, T. see Scharre, D.L. 1-18485, 1-45292
- Himel, T.M., Trilling, G.H., Abrams, G.S., Alam, M.S., Blocker, C.A., Blondel, A.F., Boyarski, A.M., Breidenbach, M., Burke, D.L., Carithers, W.C., Chinowsky, W., Coles, M.W., Cooper, S., Dieterle, W.E., Dillon, J.B., Dorenbusch, J., Dorfman, J.M., Eaton, M.W., Feldman, G.J., Franklin, M.E.B., Gidal, G., Goldhaber, G., Hanson, G., Hayes, K.G., Hitlin, D.G., Hillebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Larsen, R.R., Levi, M.E., Luth, V., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.F., Perl, M.L., Richter, B., Roussarie, A., Scharre, D.L., Schindler, R.H., Schwitters, R.F., Siegrist, J.L., Strait, J., Taurig, H., Tonutti, M., Vella, E.N., Vidal, R.A., Videau, I., Weiss, J.M., Zaccane, H. Observations of the π_{π} (2980) produced in the radiative decay of the $\psi(3684)$ 1-18482
- Himeno, N. see Mori, Y. 1-29682
- Himeno, S., Enoto, T., Ozawa, Y., Yasutomo, Y. Plasma thickness by a shock snowplow model 1-15615
- Himeno, S. see Yasutomo, Y. 1-46926
- Himeno, Y., Takahashi, J. Sodium mist behavior in cover gas space of LMFBF. Out-pile experiment 1-18719
- Himmel, G. see Piel, A. 1-6940
- Himpel, F.J. Experimental determination of bulk energy band dispersions 1-31301
- Himpel, F.J., Eastman, D.E., Koch, E.E., Williams, A.R. Experimental $E(k)$ dispersions for the Zn 3d states: Evidence for itinerant character 1-26365
- Himpel, F.J., Eastman, D.E., van der Veen, J.F. Electronic surface properties and Schottky barriers for diamond (111) 1-16333
- Himpel, F.J., Heimann, P., Chiang, T.-C., Eastman, D.E. Geometry-dependent Si(2p) surface core-level excitations for Si (111) and Si (100) surfaces 1-3567
- Himpel, F.J., Heimann, P., Eastman, D.E. Schottky barriers on diamond (111) 1-30808
- Himpel, F.J. see Aono, M. 1-53054
- Himpel, F.J. see Bradshaw, A.M. 1-42844
- Himpel, F.J. see Chiang, T.-C. 1-19068
- Himpel, F.J. see Feibelman, P.J. 1-3038
- Himpel, F.J. see Kaindl, G. 1-26362
- Himpel, F.J. see van der Veen, J.F. 1-16179, 1-21326
- Himpel, F.J. see Weaver, J.H. 1-26367
- Himstedt, N. see Neuhäuser, H. 1-35267
- Hinata, Y. see Endo, H. 1-25830
- Hinch, E.J. The evolution of slender inviscid drops in an axisymmetric straining flow 1-33991
- Hinch, E.J. see Acivos, A.A. 1-29686
- Hinchcliffe, A. see Bounds, D.G. 1-41313
- Hinchley, E.M. see Cutler, J.M. 1-10498
- Hinchliffe, A. Hydrogen bonding in furan...HX and furan HCl: an ab initio SCF-MO study 1-1068
- Hinchliffe, A. Structure and properties of H_2CN , H_2CC , H_2BO and H_2CO^+ 1-10648
- Hinchliffe, A. The barrier to internal rotation in C_2H_4 1-10864
- Hinchliffe, A. Electronic structure and properties of O_2SH and O_2PH^- 1-45835
- Hinchliffe, A., Bounds, D.G., Klein, M.L., McDonald, I.R., Righini, R. Intermolecular potentials for ammonia based on SCF-MO calculations 1-46052
- Hinchliffe, A. see El-Issa, B.D. 1-6161, 1-24037
- Hinchliffe, I. see Ellis, R.K. 1-590
- Hinckley, S., Haneman, D. Surface barrier heights and changes induced by ferrocene group addition on Ge and Si surfaces cleaved in electrolytes 1-34790
- Hinckley, S., Hora, H., Kane, E.L., Kelly, J.C., Kentwell, G., Laloussi, P., Lawrence, V.F., Mavaddat, R., Novak, M.M., Ray, P.S., Schwartz, A., Ward, H.A. On irreversible effects at intensive irradiation 1-42422
- Hind, J.E. see Roth, G.L. 1-32138
- Hindawi, S. see Goned, A. 1-45347
- Hindawi, S.K., Mercea, V., Pamula, A. Metastable and collision-induced dissociations of H_2S^+ ions 1-17037
- Hinde, A.L., Pross, A., Radom, L. A theoretical approach to substituent effects. Interactions between directly bonded groups in the neutrals X-NH_2 , X-OH , and X-F and the anions X-NH^- and X-O^- 1-10653
- Hindi, M.M., Thomas, J.H., Radford, D.C., Parker, P.D. Direct observation of a high spin $^{12}\text{C}^{+}\text{Be}$ cluster state in ^{20}Ne 1-36913
- Hindle, R.A., Pribis, P.B. The commercial application of an OTEC jacket (tower) design 1-53648
- Hindley, T.W. see Rosencwaig, A. 1-48177
- Hindmann, E.E., II, Spear, J. An evaluation of some ultra-long-range weather predictions 1-4554
- Hinds, B.D. see Bruce, C.W. 1-49356
- Hinds, H.W. An intelligent safety system concept for future CANDU reactors 1-50904
- Hinds, J.E. see Cassand, D. 1-6523
- Hinds, S. see Spear, R.H. 1-632
- Hine, F. see Yasuda, M. 1-43601
- Hine, R.G., Scheuer, P.A.G. Radio variability in the nuclei of double radio galaxies and quasars 1-4992
- Hine, R.G. see Barr, P. 1-13855
- Hine, S. see Shinjo, T. 1-26085
- Hines, H.H. see Jansholt, A.-L. 1-49112
- Hines, W.A. see Giessen, B.C. 1-12266
- Hines, W.A. see Niculescu, V.A. 1-52537
- Hinghofer-Szalaky, H. see Haidmayer, R. 1-35895
- Hingorani, R. see Stark, H. 1-32246
- Hinich, M.J. Frequency-wavenumber array processing 1-51662
- Hink, R.F. see Kaga, K. 1-49003
- Hink, W. see Schnargl, T. 1-8161
- Hinke, J.A.M. see Burnell, E.E. 1-32096
- Hinkel, H., Kaus, G., Kempf, J., Wagner, H. Analysis of mechanical vibrations with nm amplitudes 1-18217
- Hinkel, H. see Baier, H. 1-20246
- Hinkle, K.H., Lambert, D.L., Tomkin, J., Luck, R.E. ρ Cassiopeiae 1-49683
- Hinko, A. see Lushick, V. 1-4250
- Hinkov, V. Thin-film optical elements in ion-exchanged waveguides 1-11089
- Hinneberg, H.-J. see Weissmantel, C. 1-12671
- Hinnor, E., Suckewer, S. Magnetic dipole transitions in highly ionized titanium, chromium, iron and nickel 1-11567
- Hinnor, E. see Meservy, E.B. 1-24992
- Hinnor, E. see Owens, D.K. 1-25073
- Hinnor, E. see Suckewer, S. 1-15027, 1-34119
- Hinoose, T., Okazaki, S., Fujinaga, T. A rapid scan internal reflection spectroscopic system 1-45033
- Hino, H.P. Formation of a smectic A phase from a strongly deformed planar nematic liquid crystal CBOOA 1-52264
- Hinsch, K. Measurement of surface tension by holographic interferometry 1-16153
- Hinsch, K. see Butt, R. 1-15087
- Hinschwood, L. see Howard, G. 1-27000
- Hinsen, R., von Essen, R., Silny, J., Rau, G., Meyer-Erkelenz, J.D., Merx, W., Effert, S. Body surface mapping during exercise in the diagnosis of coronary heart disease 1-40021
- Hinterberger, H. see Jochum, K.P. 1-4836
- Hinterberger, F., von Rossen, P., Cierjacks, S., Schmalz, G., Erbe, D., Leugers, B. High-resolution study of $^{16}\text{O}+\text{n}$, $^{17}\text{O}(\text{T}=3/2)$ resonances 1-36934
- Hinteregger, H.E. see Torr, M.R. 1-40455
- Hinteregger, H.F. see Robertson, D.S. 1-44085
- Hinterhuber, H.H. Research, development and innovation in energy economy 1-48779
- Hinterlong, S.J. see Livingston, A.E. 1-29130, 1-45891
- Hintermann, A., Meier, P.F., Patterson, B.D. Mu* in silicon: an interesting example in quantum mechanics 1-22975
- Hintermann, H.E. Exploitation of wear- and corrosion-resistant CVD-coatings 1-53365
- Hintermann, H.E. see Boving, H. 1-16907
- Hinton, B. see Norton, C.C. 1-22490
- Hinton, F.L. see Wiley, J.C. 1-11525
- Hinton, J.F. see Berthod, H. 1-46057
- Hinton, M.J. see Manders, P.W. 1-48456
- Hintsches, E. The mystery of Jupiter's rings cleared? 1-17786
- Hintz, E. Laser diagnostics for plasma surface interaction 1-25054
- Hintz, E., Rusbuldt, D., Schweer, B., Bohdansky, J., Roth, J., Martinielli, A.P. The determination of the flux density of sputtered atoms by means of pulsed dye laser excited fluorescence 1-26336
- Hintz, E. see Behriss, R. 1-26335
- Hintz, E. see Hothker, K. 1-25088
- Hintz, E. see Schweer, B. 1-25058
- Hintze, W. see Hildebrandt, D. 1-26783
- Hintzen, P., Scott, J.S. Distorted radio sources in Abell 2255: evidence of intergalactic gas 2.5 to 5 megaparsecs from the cluster center 1-9682
- Hintzen, P., Scott, J.S., McKee, J.D. The revised HEAO A-2 X-ray luminosity function for Abell clusters 1-49828
- Hintzen, P. see Hill, J.M. 1-49521
- Hinz, A. see Rohrbeck, W. 1-24148
- Hinz, H.-D., Loh, H., Rothgordt, U. Electro-phoretic recording of continuous-tone images 1-10037
- Hinz, K. see Willcox, J.B. 1-40081
- Hinz, W. see Freyer, R. 1-5424, 1-10036
- Hinz, W. see Mildner, J. 1-19301
- Hinze, E. see Cemic, L. 1-20738
- Hinze, E. see Seifert, K.-F. 1-44177
- Hinze, E. see Will, G. 1-21529, 1-29999
- Hinzel, E.J., Weissmiller, R.A., Kirschnner, F.R. Correlation of spectral classes derived from Landsat MSS data to soil series and soil conditions for Jasper County, Indiana 1-9159
- Hioki, Z. see Aoki, K. 1-5551
- Hipkin, J. see Knight, A. 1-35732
- Hipolito, O. see Studart, N. 1-24942
- Hippe, R. see Hippe, Z. 1-35583
- Hippe, Z., Hippe, R. Computer retrieval of spectral data 1-35583
- Hippel, F. von see von Hippel, F.
- Hippel, P.H. von see von Hippel, P.H.
- Hippler, R. Excitation of hydrogen and helium atoms by proton impact at medium and high impact energies 1-10830
- Hirabayashi, H. Development of superconducting magnets for beam lines and accelerator at KEK 1-51011
- Hirabayashi, H., Kosugi, T., Kuwabara, T. Control and data-processing system of the Nobeyama solar radio station 1-13695
- Hirabayashi, H. see Shibata, T.A. 1-37040
- Hirabayashi, I. see Morigaki, K. 1-43175
- Hirabayashi, I. see Tokura, Y. 1-38825
- Hirabayashi, M. see Hiraga, K. 1-15834
- Hirabayashi, Y. see Ohtsuka, Y. 1-30560, 1-31466
- Hiraga, K., Shindo, D., Hirabayashi, M., Terasaki, O., Watanabe, D. A study of the ordered structures of the Au-Mn system by high-voltage-high-resolution electron microscopy. I. Two-dimensional antipath structure of Au_3Mn_9 based on the Au_6Mn structure 1-15834
- Hirahara, K. see Kotake, H. 1-2371
- Hirai, A., Horii, F., Kitamaru, R. Structure of native and regenerated cellulose as revealed by proton NMR analysis 1-34247
- Hirai, H. see Hamada, H. 1-35176
- Hirai, M., Suzuki, Y., Okumura, M. Formation of F centers and STEs in RbBr, RbI and KBr in picosecond range 1-2436
- Hirai, M. see Kusaka, M. 1-3336
- Hirai, M. see Wakita, S. 1-12529
- Hirai, S. see Kusaka, Y. 1-49291
- Hirai, T., Goto, T. Preparation of amorphous Si_3N_4 -C plate by chemical vapour deposition 1-39244

- Hirai, T., Kimura, T. Mechanical behaviour of fibre-strengthened materials containing a hole 1-48354
- Hirai, T., Niihara, K., Goto, T. Oxidation of CVD Si_3N_4 at 1550° to 1650°C 1-3952
- Hirai, T., Shimada, M., Goto, T. The DC electrical conductivity of chemically vapor-deposited Si_3N_4 1-25735
- Hiraishi, J. see Kanno, H. 1-14903
- Hiraka, T. see Orito, T. 1-40009
- Hirakawa, A.Y. see Ishiguro, T. 1-24155
- Hirakawa, A.Y. see Tohara, A. 1-6301
- Hirakawa, H. see Kimura, S. 1-32897
- Hirakawa, K., Shirane, G., Axe, J.D. Reexamination of anomalous magnetic intensity in 2D ferromagnet Cu_2CuF_4 1-52751
- Hirakawa, K. see Yoshizawa, H. 1-52764
- Hiraki, A. A model on the mechanism of room temperature interfacial intermixing reaction in various metal-semiconductor couples: what triggers the reaction? 1-38602
- Hiraki, A. see Imura, T. 1-4194
- Hiraki, A. see Ito, T. 1-38706, 1-42866
- Hiraki, A. see Iwami, M. 1-26344, 1-30819
- Hiraki, A. see Okuno, K. 1-52364
- Hiraki, N., Itoh, S., Kawai, Y., Toi, K., Nakamura, K., Mitai, O. Confinement of ohmically heated plasmas and turbulent heating in high-magnetic field Tokamak TRIAM-1 1-34108
- Hiraki, N., Nakamura, K., Toi, K., Itoh, S. Ion temperature measurements of turbulently heated Tokamak plasma by Doppler-broadening of visible lines in TRIAM-1 1-42195
- Hiraki, N. see Mitai, O. 1-42163
- Hiraki, N. see Toi, K. 1-6978, 1-19947
- Hiraki, T. see Orito, T. 1-32251, 1-53911
- Hirama, M. see Sato, T. 1-40909
- Hiramatsu, K. see Fujiki, O. 1-1752
- Hiramatsu, R. see Mizutani, T. 1-31908
- Hiramatsu, S. see Eurya, T. 1-41262
- Hiramatsu, S. see Nakagawa, H. 1-981
- Hiramatsu, T. Urban earthquake hazards and risk assessment of earthquake prediction 1-32378
- Hiramamine, N., Shiozaki, I., Yonemitsu, K. Longitudinal magnetoresistance of ZnAl alloys 1-25704
- Hiranaka, K. see Tsuji, M. 1-48042
- Hirano, E., Ogawa, T. Measurements of the concentration gradient around a growing crystal in an aqueous solution by moiré fringes 1-11708
- Hirano, F. see Yamamoto, Y. 1-26633, 1-39474
- Hirano, H. see Fukuda, T. 1-3641
- Hirano, K. Quasi-static compressional heating of a tokamak 1-42187
- Hirano, K., Kobayashi, H., Nakazawa, H. Elastic-plastic fracture mechanics study of thermal shock cracking 1-48515
- Hirano, K. see Hoshino, K. 1-11921
- Hirano, K. see Iijima, Y. 1-16108
- Hirano, K. see Kondoh, Y. 1-46912
- Hirano, K. see Lin, R. 1-42203
- Hirano, K. see Nagata, A. 1-11590
- Hirano, K. see Sadakane, Y. 1-42607
- Hirano, K. see Tiwari, G.P. 1-2672, 1-12740
- Hirano, K. see Yamaguchi, S. 1-15653
- Hirano, K.-i. see Nagata, A. 1-42194
- Hirano, M., Asahi, Y. Analysis of precursory cooling in quenching phenomena 1-811
- Hirano, M. see Ablock, H. 1-39719
- Hirano, M. see Onuki, H. 1-43240
- Hirano, M. see Yamaguchi, Y. 1-30646
- Hirano, N. see Hayashi, K. 1-41865
- Hirano, R. see Ohsawa, J. 1-15250
- Hirano, R. see Oomura, E. 1-33730
- Hirano, S. see Kato, T. 1-26437
- Hirano, S. see Toki, T. 1-28001
- Hirano, T. see Shimaka, T. 1-39581
- Hirano, Y., Nagaya, K., Kasai, T. Dynamic stress concentrations due to flexural waves in bars with various bends. II. Solutions of bars excited in arbitrary directions 1-24718
- Hirano, Y., Okazaki, K. Vibration of cracked rectangular plates 1-11333
- Hirano, Y. see Taoka, T. 1-35493
- Hirao, A., Ogasawara, M. Magnetic field generating thermal instability including the Nernst effect 1-51935
- Hirao, A. see Ogasawara, M. 1-46885
- Hirao, K. Recent studies on ionosphere and magnetosphere by scientific satellite in Japan 1-40299
- Hirao, K., Komatsu, T., Soga, N. Mossbauer studies on some glasses and crystals in the $\text{Na}_2\text{O}-\text{Fe}_2\text{O}_3-\text{SiO}_2$ system 1-3306
- Hirao, K., Oyama, K. Experimental model of the electron temperature profile in the ionosphere at middle latitudes. I. (Solar activity dependency) 1-54313
- Hirao, K. see Kato, H. 1-14798, 1-41299
- Hirao, K. see Ohta, K. 1-1129
- Hirao, K. see Takahashi, F. 1-22386
- Hirao, M., Doi, A., Tsuji, S., Nakamura, M., Aiki, K. Fabrication and characterization of narrow stripe InGaAsP/InP buried heterostructure lasers 1-1585
- Hiraoka, H. see Shinike, T. 1-16651
- Hiraoka, T. Magnetization and extraordinary Hall effect in ferrimagnetic compounds $\text{Er}_{1-x}\text{Y}_x\text{Fe}_2$ 1-34684
- Hiraoka, Y., Okada, M., Watanabe, R. Effect of aging after carbon doping on the ductility of molybdenum 1-21509
- Hirasawa, S., Hijikata, K., Mori, Y., Nakayama, W. Effect of surface tension on condensate motion in laminar film condensation (study of liquid film in a small trough) 1-19704
- Hirashita, N. see Isshiki, Y. 1-38832
- Hirata, F., Friedman, H.L., Holz, M., Hertz, H.G. NMR relaxation study of $\text{Li}^+-\text{Ni}^{2+}$ interaction in aqueous solution 1-28908
- Hirata, K. see Araki, H. 1-26493
- Hirata, K. see Kanda, Y. 1-35410
- Hirata, M., Matsuo, T. Semiconductor emitter for mass spectrometry [amorphous Si whisker growth] 1-18327
- Hirata, M. see Murata, H. 1-50752
- Hirata, N. see Sato, R. 1-44118
- Hirata, S. Neutral current effects for e^+e^- annihilation into $\mu^+\mu^-$ in the toponium region 1-531
- Hirata, T. Crystallization behaviour of an amorphous $\text{Ti}_{50}\text{Be}_{40}\text{Cr}_{10}$ alloy 1-30083
- Hirata, T., Matsumoto, T., Amano, M., Sasaki, Y. In situ X-ray diffractometry study of the hydride in the intermetallic compound Mg_2Ni 1-47043
- Hirata, Y., Lim, E.C. Intramolecular vibrational relaxation in aryl alkyl ketones as revealed by excess energy dependence of T_1-S_0 intersystem crossing rate 1-10710
- Hirata, Y. see Okada, Y. 1-44305
- Hirata, Y. see Vasudev, R. 1-29012
- Hiratsuka, H. see Hosokawa, N. 1-21349
- Hiratsuka, H. see Konishi, A. 1-31347
- Hiraya, A. see Mikami, N. 1-6295
- Hirayama, H. see Galakhova, O.P. 1-36690
- Hirayama, H. see Mishima, T. 1-24459
- Hirayama, M. On the renormalization group equations of quantum electrodynamics 1-5544
- Hirayama, M. see Matsumoto, H. 1-12191
- Hirayama, S. Temperature effect on the vapor-phase exiplexes of cyano-substituted anthracenes 1-1245
- Hirayama, T. see Odajima, K. 1-11573
- Hirayama, Y. see Ikeuchi, S. 1-4987
- Hird, B., Ali, S.P. Electron transfer to Ar^{2+} from rare-gas atoms 1-33543
- Hirides, D. see Lemmert, P. 1-28376
- Hirko, R., Ju, K. Ion-implantation conditions and annealing effects for contiguous disk bubble devices 1-7918
- Hirleman, E.D. Laser-based single particle counters for in situ particulate diagnostics 1-32959
- Hirlimann, C. see Chang, H. 1-48144
- Hirn, A., Gallart, J., Vadell, M. Seismic reconnaissance of the structure of the Pyrenees 1-44126
- Hirn, A. see Gallart, J. 1-44127
- Hirn, A. see Michel, B. 1-9261
- Hirohata, Y. see Maeda, S. 1-30535
- Hirohata, Y. see Yamashina, T. 1-25584
- Hiroike, E. Quantum stochastic theory of exchange dephasing model for a vibrating molecule in dense medium 1-51179
- Hirokawa, K., Danzaki, Y. Circumventing the matrix dependent inelastic mean free path in XPS 1-5320
- Hirokawa, S. Infrared absorption of nonpolar molecules in rattling motion 1-6250
- Hirokawa, T., Ojima, K. The dislocation motion in the pre-yield region in white tin single crystals 1-11762
- Hirokawa, Y. see Koyama, R. 1-44000
- Hiroimitsu, Y. see Ohta, M. 1-21958
- Hirono, M. see Shibata, T. 1-22526
- Hirono, M. see Uchino, O. 1-36017, 1-54183
- Hirooka, M., Yamasaki, S. Bose-Einstein condensation and quantum hydrodynamics 1-40707
- Hirooka, M. see Yamasaki, S. 1-32902
- Hirooka, T. see Anderson, S.L. 1-37273
- Hirooka, T. see Kubota, H. 1-2354
- Hirooka, Y., Miyake, M., Sano, T. A study of hydrogen absorption and desorption by titanium 1-42629
- Hirooka, Y. see Miyake, M. 1-12668
- Hirosawa, H. see Nishimura, J. 1-22505
- Hirosawa, K. see Mattei, J. 1-54511
- Hirose, A. see Ahmadi, G. 1-34077, 1-46871
- Hirose, A. see Amagishi, Y. 1-19915
- Hirose, A. see Hirose, Y. 1-20831
- Hirose, H. see Yonetani, S. 1-3690
- Hirose, K. see Kita, Y. 1-11453
- Hirose, K. see Miyake, T. 1-53711
- Hirose, K. see Saitoh, T. 1-24794
- Hirose, K. see Yamamoto, K. 1-6876
- Hirose, M. Preparation of amorphous silicon films and its properties. III. CVD amorphous silicon 1-43271
- Hirose, M., Hasegawa, N., Kato, Y., Hattori, T. The effect of cyclic stress hysteresis at elevated temperature on the crack propagation behavior in smooth specimens of 0.45% carbon steel 1-26581
- Hirose, M. see Hamasaki, T. 1-42406, 1-47393
- Hirose, M. see Hasegawa, S. 1-52828
- Hirose, M. see Mishima, Y. 1-47401
- Hirose, M. see Nakashita, T. 1-20608
- Hirose, M. see Suzuki, T. 1-4192
- Hirose, M. see Taniguchi, M. 1-34130
- Hirose, M. see Yokoyama, S. 1-16391, 1-42994, 1-46938, 1-47748
- Hirose, S., Kamiya, T., Yanai, H. Excitation level dependence of recombination rate coefficient of GaAs 1-39132
- Hirose, T., Ishida, S. New mass enhancements in the diffractive nucleon systems and five-quark exotic levels 1-18434
- Hirose, T. see Fukui, M. 1-12461
- Hirose, T. see Fukunaga, C. 1-5655
- Hirose, Y., Hirose, H., Morise, M. High speed memory behavior and reliability of an amorphous As_2S_3 film doped with Ag 1-20831
- Hirose, Y., Tanaka, K. Effect of pre-loading conditions on crack initiation and propagation in stress corrosion cracking for high strength steel 1-26669
- Hirose, Y., Tanaka, K. Nucleation and growth of stress corrosion cracks in notched plates of high strength steels 1-39545
- Hirose, Y. see Gomi, T. 1-20730
- Hirose, Y. see Hatanaka, K. 1-26536
- Hirose, Y. see Uemura, K. 1-32335
- Hirota, E. see Endo, Y. 1-45947
- Hirota, E. see Matsumura, K. 1-10720, 1-37194
- Hirota, E. see Nagai, K. 1-36637
- Hirota, E. see Ohashi, N. 1-37172
- Hirota, E. see Takagi, K. 1-10765
- Hirota, F., Koyama, Y., Shibata, S. Ab initio calculations on the geometry of the dimethyl ether-boron trifluoride complex 1-28864
- Hirota, F. see Osamura, Y. 1-1073
- Hirota, F. see Shibata, S. 1-1365
- Hirota, J., Mitani, H. Summary of NEACRP views on actinide production and burn-up 1-28590
- Hirota, N. see Asahi, Y. 1-38968
- Hirota, N. see Nagaoka, S. 1-47928
- Hirota, R. Direct methods in soliton theory 1-36508
- Hirota, R., Ito, M. A direct approach to multi-periodic wave solutions to nonlinear evolution equations 1-36498
- Hirotsu, S., Toyota, K., Hamano, K. Elastic anomaly in K_2ZnCl_4 under the normal-incommensurate-commensurate phase transition points 1-20316
- Hirotsu, S. see Hamano, K. 1-39046
- Hirotsu, T., Ohnishi, S. Surface modification of some fluorine polymer films by glow discharges 1-8457
- Hiroyasu, H., Arai, M., Kadota, T., Oda, Y. The soot emission from a spray combustion flame in a high ambient pressure 1-17055
- Hirsch, A.A. Investigation of phonon softening in the low-temperature phase of magnetite [Mossbauer technique] 1-12439
- Hirsch, A.S. see Gaidos, J.A. 1-18656
- Hirsch, B. see Brunner, F.K. 1-53963
- Hirsch, C. see Deconinck, H. 1-2018
- Hirsch, E.H. Stress in porous thin films through absorption of polar molecules [and relevance to optical coatings] 1-7496
- Hirsch, E.H., Adams, T.R. The action of water vapour on ion irradiated alkali silicate glasses 1-8461
- Hirsch, G., Bruna, P.J. Ab initio MRD-CI study on H_2S^+ . Dissociation correlation diagram for the A_2^+ and B^+ electronic states 1-1123
- Hirsch, H.E. A new irradiation effect and its implications for the disposal of high-level radioactive waste 1-41187
- Hirsch, J. Remarks on an analytic solution to the synthesis problem for dielectric layers which is compatible with the dielectrics available 1-51366
- Hirsch, J. see Burman, M. 1-34702
- Hirsch, J.E. Renormalization-group study of the Hubbard model 1-25603
- Hirsch, J.E. Low-temperature thermodynamic properties of a random anisotropic antiferromagnetic chain 1-25965
- Hirsch, J.E., Jose, J.V. Singular thermodynamic properties in random magnetic chains 1-25964
- Hirsch, J.E. see Mazenko, G.F. 1-42978
- Hirsch, J.E. see Vivion, M.C. 1-43883
- Hirsch, K.R., Holzapfel, W.B. Diamond anvil high-pressure cell for Raman spectroscopy 1-50234
- Hirsch, K.R. see Heyns, A.M. 1-39107
- Hirsch, P. The metacepturm 1-51663
- Hirsch, P.B., Crawford, R.C. Work hardening in ordered alloys 1-12760
- Hirsch, P.B. see Cherns, D. 1-11764
- Hirsch, P.B. see Johnson, E. 1-42432
- Hirschberger, G., Popolo, J.J., Devitt, J., Pokalsky, R. Development of a taped random vibration technique for acceptance testing 1-24584
- Hirschel, E.H., Kordulla, W. Local properties of three-dimensional separation lines 1-29739
- Hirschfeld, A.W. The stellar content of dwarf spheroidal galaxies 1-32751
- Hirschfeld, F. see Brothers, J.A. 1-43725

- Hirschfeld, T. Spectrorefractometry and absorption spectroscopy 1-50224
- Hirschfelder, J.O. see Pack, R.T. 1-10809
- Hirschfelder, J.O. see Yang, K.-H. 1-14794
- Hirschler, M.M. see Cullis, C.F. 1-40152
- Hirsekorn, R.-P. Approximate solution of the n -Fermion problem application to the ^{16}O nucleus 1-5704
- Hirsekorn, R.-P., Siems, R. Long-range interaction of point defects with arbitrary dipole tensors in a sphere 1-30274
- Hirsh, J.E. see Hecht, A.M. 1-15531
- Hirsh, M. see Goldman, A. 1-11610
- Hirsh, M.N., Abbott, R.P. Model studies in positive point-plane corona 1-38179
- Hirsh, M.N., Strauss, A. Comparison between electrostatic and aerodynamic forces in a commercial paint sprayer 1-21344
- Hirshfeld, F.L. see Eisenstein, M. 1-33371
- Hirshfield, J.L. see Krishnan, M. 1-34126
- Hirst, D.M., Guest, M.F. Excited states of HCl—an ab initio configuration interaction investigation 1-37129
- Hirst, D.M. see Jarrold, M.F. 1-43658
- Hirst, W., Moore, A.J. The effect of temperature on traction in elastohydrodynamic lubrication 1-16902
- Hirt, C.W., Nichols, B.D. Volume of fluid (VOF) method for the dynamics of free boundaries 1-49943
- Hirt, W. see Balmann, K.G. 1-34985
- Hirt, W. see Gathahuler, K. 1-23681
- Hirth, A., Meyer, R., Schetter, K. On the proper choice of the preionization mode of linear flash-lamps 1-15175
- Hirth, J.P., Rice, J.R. On the thermodynamics of adsorption at interfaces as it influences decohesion 1-11971
- Hirth, J.P., Rigney, D.A. Microstructural models for friction and wear 1-31688
- Hirth, J.P. see Evans, A.G. 1-3832
- Hirth, J.P. see Onyewunni, O.A. 1-53280
- Hirth, J.P. see Yacamán, M.J. 1-3032
- Hirth, W. On the fluctuations in the solar flux at cm-wavelengths monitored on small areas of the Sun's disk 1-4864
- Hirth, W. see Gobel, W. 1-36375
- Hirth, W. see Kundu, M.R. 1-27588
- Hirth, W. see Sofue, Y. 1-4965
- Hirtz, J.P., Razzeghi, M., Larivain, J.P., Hersee, S., Duchemin, J.P. Low threshold GaInAsP/InP lasers with good temperature dependence grown by low pressure MOVPE 1-41719
- Hiruta, K. see Gono, Y. 1-50544
- Hirvonen, J. Annealing behaviour of ion-implanted nickel-aluminum alloy 1-30254
- Hirvonen, J. see Anttila, A. 1-47110
- Hirvonen, J. see Varjoranta, T. 1-35402
- Hirvonen, J.K. Ion implantation in metals: changing the mechanical characteristics 1-16897
- Hirvonen, J.K., Butler, J.W., Smith, T.P., Kant, R.A., Westcott, V.C. Sliding-wear reduction by ion implantation 1-3938
- Hirvonen, J.K., Poate, J.M., Liao, Z.L., Mayer, J.W. Sputtering limitations for high-dose implantations 1-11775
- Hirvonen, J.K. see Herman, H. 1-21587
- Hirvonen, J.K. see Hu, W.W. 1-3913, 1-16871, 1-21594
- Hirvonen, J.K. see Singer, I.L. 1-35396
- Hisada, K. see Orito, T. 1-32251, 1-40009, 1-53911
- Hisamatsu, Y. see Suzuki, I. 1-21633
- Hisano, K. High temperature phonon anharmonicity in NaF thin films 1-20432
- Hissard, P. The 'El Nino' response of the Eastern Tropical Atlantic 1-35993
- Hisatake, K., Toriyama, T. Instrumentation for surface study by use of Mossbauer effect 1-3311
- Hisatake, K. see Toriyama, T. 1-10603
- Hisatsune, I.C. see Shanabrook, B.V. 1-35036
- Hiscock, W.A. On the topology of charged spherical collapse 1-50017
- Hishida, H., Sakai, K., Iwase, T., Asai, H. A method of evaluating local turbulent diffusivity of heat in a gridded fuel subassembly 1-23727
- Hishida, K., Maeda, M., Ikai, S. Heat transfer from a flat plate in two-component mist flow 1-39727
- Hishida, M., Takizuka, T., Ogawa, M., Nekoya, S., Emori, K., Ouchi, M., Sanokawa, K. Construction and performance tests of hydrogen secondary cooling system. II. Results of performance tests 1-742
- Hishida, M. see Kawakubo, T. 1-43584
- Hiskes, J.R. Cross sections for the vibrational excitation of the $\text{H}_2(\text{X}^1\Sigma_g^+)$ state via electron collisional excitation of the higher singlet states 1-6395
- Hiskes, J.R., Schneider, P.J. A model for H^- , D^- production by hydrogen backscattering from alkali and alkali-transition-metal surfaces 1-26332
- Hiskes, J.R., Schneider, P.J. Formation of H^- and D^- ions by hydrogen and deuterium particle backscattering from alkali-metal surfaces 1-39205
- Hislop, J.S. see Williams, D.R. 1-50550
- Hita, E., Jimenez, E. Differential thresholds of color from isomeric matching 1-22011
- Hita, E., Jimenez, E., Alvarez-Claro, M. Color discrimination from isomeric matching and different types of primaries fusion 1-4277
- Hitachi, A., Davies, C., King, T.A., Kubota, S., Duke, T. Deexcitation of Rydberg states of He by He, Ne, Ar, Kr, and Xe 1-1348
- Hitachi, A., King, T.A., Kubota, S., Duke, T. Deexcitation of He Rydberg S and manifold states by N_2 1-1349
- Hitachi, A. see Masuda, K. 1-1027
- Hitachi, A. see Takahashi, T. 1-21269
- Hitchcock, A.P. see Brion, C.E. 1-19182
- Hitchcock, D.A., Mahajan, S.M., Hazeltine, R.D. Enhanced current penetration in Tokamaks 1-51920
- Hitchcock, D.A. see Hazeltine, R.D. 1-38095
- Hitchner, M.J. see Richardson, D.C. 1-14667
- Hitchman, M.L., Elchenberger, V. A simple method of end-point determination for plasma etching 1-29884
- Hitchner, J.E. see Decker, S.K. 1-3965
- Hitchon, W.N.G. see Fielding, P.J. 1-34103
- Hites, R.A. see Lopez-Avila, V. 1-53712
- Hites, R.A. see Nelson, C.R. 1-53713
- Hitier, G., Curie, D., Viscoekas, R. Broad band emission in ZnSe, cathodoluminescence, thermoluminescence, transitions involving deep level centres 1-53000
- Hitlin, D.G. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Hitlin, D.G. see Dorfan, J.M. 1-41020
- Hitlin, D.G. see Himel, T.M. 1-18482
- Hitlin, D.G. see Scharr, D.L. 1-18485, 1-45292
- Hitterman, R.L. see Clarke, R. 1-34241
- Hitzl, D.L., Levinson, A.D. Application of Hamilton's Law of Varying Action to the restricted three-body problem 1-4751
- Hively, L.M. see Miley, G.H. 1-25031
- Hiwasa, S. see Mori, K. 1-25438
- Hiwatari, Y. The liquid-glass transition: molecular dynamics study of the soft-core system 1-20064
- Hiwatari, Y., Ueda, A. Monte Carlo simulations of superionic CaF_2 1-34506
- Hiwatari, Y. see Ueda, A. 1-30559, 1-38502
- Hiyama, T. see Yoshida, K. 1-45724
- Hiyamizu, S., Fujii, T., Nanbu, K., Hashimoto, H. Lateral uniformity in Sn- or Si-doped n-GaAs grown by molecular beam epitaxy 1-12660
- Hiyamizu, S., Mimura, T., Fujii, T., Nanb, K. High mobility of two-dimensional electrons at the GaAs/n-AlGaAs heterojunction interface 1-34775
- Hiza, M.J. see Miller, R.C. 1-9779
- Hizhnyakov, V., Kaldor, K., Mikhelsoo, V., Niedra, H. Magnetic field effect on the decay times of KCl:Sn 1-8123
- Hizhnyakov, V.V., Sherman, A.V. Spectroscopic manifestations of the exciton self-trapping barrier 1-42697
- Hizhnyakov, V.V. see Haas, M.A. 1-23616
- Hizuka, K. see Mukai, K. 1-2777
- Hjalmarson, A. see Eldler, J. 1-49774
- Hjalmarson, A. see Friberg, P. 1-22870
- Hjalmarson, A. see Rydbeck, O.E.H. 1-49838
- Hjalmarson, H.P., Allen, R.E., Buttner, H., Dow, J.D. Theory of deep substitutional sp^3 -bonded impurity levels and core excitons at semiconductor interfaces 1-16344
- Hjalmarson, H.P. see Sankey, O.F. 1-16252
- Hjelling, R.M., Gibson, D.M. Nonthermal micro-wave phenomena in other stars 1-4994
- Hjelling, R.M., Johnston, K.J. Structure, strength, and polarization changes in radio source SS 433 1-54520
- Hjelling, R.M. see Marsh, K.A. 1-44518
- Hjelmroth, H.E. see Nielsen, A. 1-12875
- Hkleskova, T.N. see Eliseev, P.G. 1-5273
- Hladikova, B. see Cermak, M. 1-48768
- Hladky, K., Callow, L.M., Dawson, J.L. Corrosion rates from impedance measurements: an introduction 1-12896
- Hlavacek, I., Lovisek, J. Finite element analysis of the Signorini problem in semi-coercive cases 1-37790
- Hlavka, J. New principle of contactless lifetime determination in semiconductor wafers 1-52578
- Hlidek, P. see Unterricker, S. 1-26093
- Hlidek, P. see Zvara, M. 1-21224
- Hlond, M. The estimation of inaccuracy of the measurements of absolute mean solar X-ray flux made with the SZRF photometer 1-22685
- Hlubek, W. Three Mile Island: Impacts on the operation of German nuclear power plants 1-23810
- Hnatowicz, V. Precise measurement of gamma-ray intensities in the decay of $^{160.9}\text{d}$ isomeric state in ^{177}Lu 1-50543
- Hnilica, F. see Kudrman, J. 1-17015
- Hnizdo, V., Glover, C.W., Kemper, K.W. Inelastic scattering of ^3B from ^{40}Ca 1-41133
- Hnizdo, V., Kemper, K.W., Szymkowski, J. Quadrupole effects in ^3Li and ^3Be scattering and the folding model 1-45523
- Ho, A. see Sesonke, A. 1-45599
- Ho, C. see Ancona, A. 1-50865
- Ho, C.T., Mathias, J.D. Effect of short wavelength illumination on the characteristic bulk diffusion length in ribbon silicon solar cells 1-35656
- Ho, C.T. see Newhouse, V.L. 1-8936, 1-13347
- Ho, C.Y. see Farhat, N.H. 1-41597
- Ho, H. Light particle emission in heavy ion reactions at 10 and 20 MeV/nucleon 1-50643
- Ho, H., Gonthier, P., Nambodiri, M.N., Natowitz, J.B., Adler, L., Simon, S., Hagel, K., Terry, R., Khodai, A. Non-equilibrium α -particle emission at 20 MeV/nucleon 1-14536
- Ho, H. see Kuhn, W. 1-23676
- Ho, H.S. see Sulek, K. 1-8912
- Ho, J.C. see Tahir, S.M. 1-25872
- Ho, J.C. see Tahir, S.M.A. 1-25747
- Ho, J.H. see Vook, R.W. 1-47349
- Ho, K.H. see Leung, W.P. 1-13975
- Ho, M.C. see Barber, D. 1-14407
- Ho, M.C. see Barber, D.P. 1-534, 1-28309
- Ho, P.P., Lu, P.Y., Alfano, R.R. Time-dependent multiphoton absorption and optical Kerr effect in liquid CS_2 1-41791
- Ho, P.P. see Rosen, D.J. 1-15232
- Ho, P.S., Rubloff, G.W., Lewis, J.E., Moruzzi, V.L., Williams, A.R. Chemical bonding and electronic structure of Pd_2Si 1-26366
- Ho, P.S. see Freeouf, J.L. 1-16366
- Ho, P.S. see Gupta, D. 1-30486
- Ho, P.T.P., Haschick, A.D., Israel, F.P. OB star formation in the S128 region 1-54470
- Ho, P.T.P. see Rodriguez, L.F. 1-22912
- Ho, P.T.P. see Schneps, M.H. 1-9610
- Ho, S.C., Maartense, I., Williams, G. AC susceptibility and resistivity of the ferromagnetic phase of PdMn 1-47866
- Ho, S.C. see Gaunt, P. 1-34893
- Ho, S.P. see Hsieh, D.Y. 1-51740
- Ho, S.-P. Linear Rayleigh-Taylor stability of viscous fluids with mass and heat transfer 1-20513
- Ho, W.L. see Green, M.D. 1-10469
- Ho, Z.L., Moore, T.A., Lin, S.H., Hanson, R.C. Pressure dependence of the absorption spectrum of β -carotene 1-41390
- Ho, Z.L., Moore, T.A., Lin, S.H., Hanson, R.C. Pressure dependence of the absorption spectrum of β -carotene 1-45937
- Ho Chan, P. Ching see Ching Ho Chan, P.
- Ho Chien see Chien Ho
- Ho Chong Lee see Sung Ho Choh
- Ho Chong Lee, H. Dong Chai Integral point-matching method for two-dimensional Laplace field problems with periodic boundaries 1-10884
- Ho Fun Gau see Fun Gau Ho
- Ho Kim In see In Ho Kim
- Ho Kim Young see Young Ho Kim
- Ho Lee-Wing see Lee-Wing Ho
- Ho Nam Chang see In Ho Kim 1-6892
- Ho Phan Xuan see Phan Xuan Ho
- Ho Tso-hsiu see Tso-hsiu Ho
- Ho Yon Won see Yon Won Ho
- Ho Yu-Ping see Yu-Ping Ho
- Ho-Chu Miao see Miao Ho-Cho
- Hoa, S.V. Relative influence of the mobility and the solubility parameters of fluids on the mechanical behavior of high impact polystyrene 1-53323
- Hoa, S.V., Hodges, D.H., Rutkowski, M.J. Comments on "Vibration of a rotating beam with tip mass" 1-24731
- Hoag, A.A. see Bridge, E.M. 1-49846
- Hoagland, R.G., Embury, J.D. A treatment of inelastic deformation around a crack tip due to microcracking 1-1890
- Hoang, C. see Bordoli, K. 1-17259
- Hoang, T. see Lagally, M.G. 1-11996
- Hoang Trong, P. see Granet, M. 1-17567
- Hoang-Trong, P. see Haessler, H. 1-22260
- Hoar, T.P. see Lees, D.J. 1-31719
- Hoard, R.W., Scanlan, R.M., Smith, G.S., Farrell, C.L. The effect of strain on the martensitic phase transition in superconducting Nb_3Sn 1-48344
- Hoare, J.P. A determination of the oxygen-content of platinum-oxygen alloys 1-8469
- Hoare, J.P. see LaBoda, M.A. 1-8244
- Hoare, M.R. see Barker, J.A. 1-36560
- Hoareau, A. see Cabaud, B. 1-6420
- Hobbins, N.D. see Roberts, R.F. 1-31316
- Hobbs, B.S., Keily, T., Palmer, A.G. Aspects of nickel-cadmium cells in single cycle applications. III. Effects of electrolyte additives on cadmium hydroxide crystal growth in sintered nickel negative electrodes during discharged storage 1-35642
- Hobbs, L.M. Interstellar C_2 molecules toward α Persei 1-54576
- Hobbs, P.V., Politovich, M.K. The structures of summer convective clouds in eastern Montana. II. Effects of artificial seeding 1-22425
- Hobbs, P.V., Politovich, M.K., Radke, L.F. The structures of summer convective clouds in eastern Montana. I. Natural clouds 1-22424
- Hobbs, P.V., Stith, J.L., Radke, L.F. Cloud-active nuclei from coal-fired electric power plants and their interactions with clouds 1-4231
- Hobbs, P.V. see Radke, L.F. 1-22430
- Hobbs, R.M. see Thomson, T.R. 1-3775

- Hobbs, R.W. *see* Feibelman, W.A. 1-22860
Hobbs, R.W. *see* Kafatos, M. 1-9507, 1-36282, 1-36303, 1-36304
Hobbs, R.W. *see* Michalitsianos, A.G. 1-22796
Hobbs, T.I. *see* Lewis, B.R. 1-1284
Hobbs, W.E. *see* Tumolillo, T.A. 1-33609, 1-34081
Hoberman, S.A. *see* Willeke, K. 1-21960
Hobert, H. On the kinetic modeling of complex surface reactions. Thermodesorption of carbon monoxide from disperse metals 1-52437
Hobert, H. *see* Seidel, M. 1-14186
Hobler, H.-J., Kuhn, G., Tempel, A. Crystallization of CuGaS₂ from indium solutions 1-20091
Hobler, H.-J., Kuhn, G., Tempel, A., Neumann, H. Crystallization of CuGaS₂ from CdCl₂ and CdI₂ solutions 1-48247
Hobson, B. *see* Travis, E.L. 1-43913
Hobson, C.A., Lator, M.J. The application of microprocessors to laser anemometry [flow measurement] 1-24903
Hobson, C.A. *see* Elhuni, K. 1-23301
Hobson, J.H. *see* Browett, R.J. 1-1337, 1-48674
Hobson, J.H. *see* Gorry, P.A. 1-1338
Hobson, J.P. Performance of a combined magnetron pump-gauge at ultrahigh vacuum 1-14129
Hobson, R.M., Maruyama, T., Keskinen, K., Ichikawa, Y., Tei, S., Kaneda, T., Jen-Shih Chang Electron dependence of the dissociative recombination coefficients of Ne₂⁺ and Ar₂⁺ at elevated gas temperature 1-38129
Hobson, R.M. *see* Cunningham, A.J. 1-46141
Hobson, R.M. *see* Evans, B. 1-37338
Hobson, R.M. *see* Ichikawa, Y. 1-38153
Hobson, R.M. *see* Jen Shih Chang 1-38185
Hobson, R.M. *see* Maruyama, T. 1-38154
Hoburg, J.F. Inertial and equilibrium shear retardation of electrohydrodynamic instability growth 1-19833
Hobzova, L. Improved band model of BeO ceramics 1-3514
Hoch, M. *see* Rifflet, J.-Cl. 1-3562
Hoch, R.G. Some thoughts on the effects of flight on jet noise as observed in actual flight and in wind tunnels 1-19495
Hochberg, A. *see* Gryte, C.C. 1-46813
Hoche, W. Application of optoelectronic reflection couplers for the scanning of metallic surfaces 1-44896
Hochel, J., Mayer, H. Development and performance of fuel elements for sodium-cooled breeder reactors in Germany 1-23837
Hochheimer, B.F. *see* Calkins, J.L. 1-35816
Hochheimer, H.D. *see* Asenbaum, A. 1-39110
Hochheimer, H.D. *see* Muller, H. 1-2619
Hochli, U.T. *see* Borsa, F. 1-21067
Hochli, U.T. *see* Rieder, K.H. 1-25568
Hochmair, E.S., Hochmair-Desoyer, I.J. An implanted auditory eight channel stimulator for the deaf 1-44048
Hochmair-Desoyer, I.J. *see* Hochmair, E.S. 1-44048
Hochman, D. *see* Eisenberg, Y. 1-10274
Hochman, H.G. Models for neural discharge which lead to Markov renewal equations for probability density 1-26892
Hochreiter, E. *see* Hsu-Chieh Yeh 1-28631
Hochreiter, L.E., Jacobs, S.E., Liparulo, N.J., Padelford, D.F. PWR containment atmospheric response for postulated Class 9 accident 1-50815
Hochreiter, L.E. *see* Burman, D.L. 1-28670
Hochreiter, L.E. *see* Wong, S. 1-36992
Hochst, H., Bringsans, R.D., Shanks, H.R. Electronic structure of Na₂WO₄ near the metal-semiconductor transition [XPS measurements] 1-47458
Hochst, H., Bringsans, R.D., Shanks, H.R., Steiner, P. Failure of the rigid band model in Na₂WO₄: an XPS study 1-48234
Hochst, H., Ley, L., Cardona, M. Angular resolved UV photoemission of the PbTe (111) surface 1-48222
Hochstrasser, R., Kaiser, W., Shank, C.V. (editor) Picosecond Phenomena II. Proceedings of the Second International Conference on Picosecond Phenomena 1-49883
Hochstrasser, R.M. *see* Andrews, J.R. 1-29011, 1-29318
Hochstrasser, R.M. *see* Decola, P.L. 1-24153
Hochstrasser, R.M. *see* Doany, F.E. 1-10740
Hochstrasser, R.M. *see* Hellwell, E.J. 1-15209
Hochstuhl, P. *see* Obst, B. 1-35255
Hock, J.L. *see* Craig, J.H., Jr. 1-20567, 1-28114, 1-38653, 1-47378
Hock, K.-H. *see* Pelzl, J. 1-30383
Hock, S. *see* Pfeiffer, I. 1-38404
Hockenbury, R.W. *see* Gallucci, R.H.V. 1-5921
Hockenbuhl, B.S. *see* Hale, K.F. 1-43633
Hocher, H. *see* Geiser, D. 1-3692
Hocker, K.H., Scheirle, N. The substitution of fuel oil by heat pumps 1-39812
Hocker, L.O. *see* Madigan, M. 1-29260
Hockey, B.J. *see* Lawn, B.R. 1-3831
Hockey, B.J. *see* Wiederhorn, S.M. 1-26628
Hocking, W.H., Merer, A.J., Milton, D.J. Resolved hyperfine structure in the C-X electronic transition of VO. An internal hyperfine perturbation in the C²⁺ state 1-51215
Hocking, W.H. *see* Churchwell, E. 1-9622
Hockman, P. *see* Comber, J. 1-18239
Hockney, R.W. *see* Mitra, S.K. 1-2332, 1-52075
Hocksema, J.T. *see* Wilcox, J.M. 1-27355
Hocquaux, H. *see* Leveque, R. 1-16717
Hodeau, J.L., Chenavas, J., Marezio, M., Remeika, J.P. The crystal structure of SnYb₂Rh₂Sn₁₂, a new ternary superconducting stannide 1-38363
Hodes, G., Cahen, D., Manassen, J., David, M. Painted, polycrystalline thin film photoelectrodes for photoelectrochemical solar cells 1-21888
Hodes, G. *see* Mirovsky, Y. 1-43785
Hodge, A.M. *see* Bassett, D.C. 1-30101
Hodge, D.B. Scattering by circular metallic disks 1-1449
Hodge, P. *see* Geisler, D. 1-49796
Hodge, P.E., Lerine, S.R., Miller, R.A. Corrosion-resistant ceramic thermal-barrier coating 1-39530
Hodge, P.E., Miller, R.A., Gedwill, M.A. Evaluation of the hot corrosion behavior of thermal barrier coatings 1-31710
Hodge, P.W. The recent evolutionary history of the galaxies NGC 6822 and IC 1613 1-32752
Hodge, P.W. Shape parameters of the photometric standard galaxy NGC 3379 1-36386
Hodge, P.W. The Andromeda Galaxy 1-54637
Hodge, S.B. *see* Hutcheon, R.M. 1-51021
Hodges, D.H. *see* Dowell, E.H. 1-1858
Hodges, D.H. *see* Hoa, S.V. 1-24731
Hodges, E., III *see* Haschke, J.M. 1-3705
Hodges, J.A. *see* Bonville, P. 1-12434
Hodges, M.E. Safety evaluation of a conceptual fuel recycle complex 1-18868
Hodges, R.V., Coggiola, M.J., Peterson, J.R. Photodetachment cross sections for He⁺ 1-24091
Hodges, R.V., Lee, L.C., Moseley, J.T. UV multiphoton ionization of Xe and several small molecules at 193 and 248 nm 1-37276
Hodges, R.V. *see* Coggiola, M.J. 1-41475
Hodgetts, G.B., Freestone, A.R.I., White, W.D. An 'in-flask' viscometer for monitoring laboratory-scale condensation reactions 1-34029
Hodgkinson, D.P. A mathematical model for hydrothermal convection around a radioactive waste repository in hard rock 1-793
Hodgkinson, D.P., Bourke, P.J. Initial assessment of the thermal stresses around a radioactive waste repository in hard rock 1-35719
Hodgkinson, J.M., Williams, J.G. and G₂ analysis of the tearing of a highly ductile polymer 1-39424
Hodgkinson, J.M. *see* Williams, J.G. 1-43502
Hodgson, E.R., Delgado, A., Alvarez Rivas, J.L. An apparent radiation induced F-centre diffusion process in NaCl at and above room temperature 1-38599
Hodgson, E.R., Delgado, A., Rivas, J.L.A. Radiation induced M-centre production in NaCl at and above 15°C 1-2513
Hodgson, J.B., Percy, G.C., Thornton, D.A. Application of the ν/ν^* ratio to the assignment of C-H(D) and ring vibrations in the infrared spectra of imidazole and its deuterated analogues 1-1225
Hodgson, J.B., Percy, G.C., Thornton, D.A. The infrared spectra of imidazole complexes of first transition series metal(II) nitrates and perchlorates 1-1226
Hodgson, K. *see* Inculat, I.F. 1-20015
Hodgson, K.O. *see* Kutzler, F.W. 1-1104
Hodgson, K.O. *see* Lye, R.C. 1-53759
Hodgson, K.O. *see* Phillips, J.C. 1-11639
Hodinar, V. Primary cells and batteries 1-48811
Hodkin, D.J., Potter, P.E., Hills, R.F. The constitution of a molten oxide fast reactor core 1-5883
Hodkin, E.N. The wetting of irradiated uranium dioxide fuel by copper and low neutron-irradiated oxide ceramics by mercury and tin 1-52397
Hodnett, P.F., Holland, F., King-Hele, J.A. Note on the advective model of the thermocline circulation 1-32464
Hodorowicz, S., Kuznetsov, D.A. Influence of the magnetic fields on crystallization 1-20090
Hodorowicz, S., Sarga, W. Influence of seeding of the solutions on the crystallization of fibrillar sodium trimolybdate 1-20093
Hodous, M. *see* Antreasyan, D. 1-10287
Hodson, S.W., Cox, A.N. Nonlinear calculations for bump Cepheids 1-27537
Hodson, S.W., Cox, A.N., King, D.S. Nonlinear calculations for BL Her stars 1-40509
Hodson, S.W. *see* Cox, A.N. 1-27506, 1-27538
Hodson, S.W. *see* Cox, J.P. 1-44577
Hodson, S.W. *see* King, D.S. 1-27542
Hodson, S.W. *see* Starrfield, S.G. 1-49659
Hodul, D.T., Harris, W.C., Morrison, G.H. A study of secondary ion triple bond analogues 1-31256
Hodych, J.P., Hayatsu, A. K-Ar isochron age and paleomagnetism of diabase along the trans-Avalon aeromagnetic lineament—evidence of Late Triassic rifting in Newfoundland 1-44140
Hodych, J.P. *see* Papezik, V.S. 1-54081
Hoe, N., Grumberg, J., Caby, M., Leboucher, E., Coulaud, G. Broadening of hydrogenic X-rays emitted by a laser-produced plasma 1-37153
Hoeffel, J.C. *see* Noel, A. 1-9035
Hoefft, J. *see* Topping, T. 1-37221
Hoegger, B. *see* Fujita, H. 1-19957
Hoegger, B.A. *see* Schneider, H. 1-11537
Hoegh-Krohn, R. *see* Combe, P. 1-5137
Hoegl, A.J. *see* Tumbarello, G.E. 1-6049
Hoehenstein, H. *see* Barluff, H. 1-3310
Hoehler, F.K. *see* Bernick, D.L. 1-13370
Hochm, J. *see* Von von Hoehm, J.
Hoehn, M.V. *see* Wohlfahrt, H.D. 1-41048
Hoehne, K.H. *see* Bochm, A. 1-53850
Hoehne, U. *see* Lange, H. 1-8486
Hoek, W.J. *see* Van den van den Hoek, W.J.
Hoek, W.J. *see* Van den van den Hoek, W.J.
Hoekstra, H.R. *see* O'Hare, P.A.G. 1-31901
Hoelke, C.W. *see* Parsons, J.R. 1-34378
Hoernes, G.R. *see* Melinger, P.J. 1-5917
Hoening, H.E., Voithmann, R., Assmus, W. Determination of crystal fields combining paramagnetic anisotropy and neutron scattering 1-20683
Hoening, H.E. *see* Binnig, G. 1-7785
Hoening, M.O. Internally cooled cabled superconductors [for fusion and MHD programmes] 1-20934
Hoening, M.O., Montgomery, A.G., Waldman, S.J. Experimental evaluation of a 1-meter-scale D-shaped test coil fabricated from a 23-meter length of internally cooled, cabled superconductor 1-44967
Hoer, C.A., Engen, G.F. 'Application of the "six-port" technology to the determination of biological effects of microwave radiation' 1-22179
Hoerle, M. *see* Schwetz, K.A. 1-16764
Hoerner, S. *see* von von Hoerner, S.
Hoerster, W., Herrmann, K.H. Effects of a second valence band and resonant states on transport in undoped Pb_{1-x}Sn_xTe 1-20773
Hoerster, W. *see* Balyas, V. 1-25738
Hoessen, D., Mirande, W. Measurement of Wiener spectra with a linear microdensitometer 1-33076
Hoessel, J. *see* Melnick, J. 1-9687
Hoessel, J.F. The photometric properties of brightest cluster galaxies. II. SIT and CCD surface photometry 1-22879
Hoessel, J.G., Gunn, J.E., Thuan, T.X. The photometric properties of brightest cluster galaxies. I. Absolute magnitudes in 116 nearby Abell clusters 1-22878
Hoessel, J.G. *see* Gunn, J.E. 1-36426
Hoestery, D.C. *see* Borsenberger, P.M. 1-2980
Hoettes-Eljel, M.A. *see* Bakker, H. 1-52343
Hoetzsch, G. *see* Schiller, S. 1-12959
Hoetzer, C. *see* Van Der van Der Hoeten, C.
Hoeve, C.A.J., Hoeve, M.B.J.A. The glass point of elastin as a function of diluent concentration 1-52266
Hoeve, M.B.J.A. *see* Hoeve, C.A.J. 1-52266
Hoeven, J.A. *see* van der van der Hoeven, J.A.
Hoever, P., Wolff, W.F., Zittartz, J. Random layered frustration models 1-34900
Hofbauer, M. Evidence for instability-waves in the velocity-field of a fully developed turbulent channel-flow 1-1943
Hofbauer, M. The investigation of coherent structures in regions near the walls of a channel with a designed turbulent flow 1-37890
Hofer, D.C., Nelson, D.A., Jr. Coarse and fine alignment using an out-of-phase pair of optical gratings 1-46543
Hofer, F. Glockner-Kaprun in operation for 25 years 1-4154
Hofer, H. A multiplicity result for a class of nonlinear problems with application to a nonlinear wave equation 1-36500
Hofer, H. *see* Bocklin, J. 1-14734
Hofer, J. Reconstruction from projections for analog transaxial tomography by coherent-optical deconvolution 1-53875
Hofer, J., Kupka, W. Reconstruction from projections via coherent-optical deconvolution 1-6502
Hofer, K.E., Jr. *see* Waring, G. 1-8408
Hofer, U. *see* Weber, H. 1-8521
Hofer, W.O. *see* Goodall, D.H.J. 1-29908
Hofer, W.W. *see* Chau, H.H. 1-40768
Hofert, M., Raffnsoe, Ch. Measurement of absolute absorbed dose and dose-equivalent response for instruments used around high-energy proton accelerators 1-18905
Hoff, A.J. *see* Mushlin, R.A. 1-32097
Hoff, A.J. *see* Platenkamp, R.J. 1-14867
Hoff, H. Time dependence of transport in discontinuous systems. II 1-44863
Hoff, I.F. Properties of the parameters of the optimal linear characteristic of the holographic record 1-51419
Hoff, R.M., Gallant, A.J. Sulfur dioxide emissions from La Soufriere Volcano, St. Vincent, West Indies 1-32419
Hoffelner, W. Defects in thin aluminium foils after high frequency fatigue deformation 1-39566
Hoffers, B. *see* Illies, J.H. 1-54040
Hoffert, M.J., Callegari, A.J., Ching-Tzong Hsieh The role of deep sea heat storage in the secular response to climatic forcing 1-27178

- Hoffkes, H. *see* Baumgarten, E. 1-21780, 1-21781
- Hoffman, A.L., Lowenthal, D.D. Axial laser heating of three meter theta pinch plasma columns 1-11582
- Hoffman, A.R., Schnedier, H.W. Improved particulate-sampling filter 1-38009
- Hoffman, B.M. *see* Schramm, C.J. 1-47621
- Hoffman, C.M. *see* Lockyer, N. 1-18503
- Hoffman, C.M. *see* Schardt, M.A. 1-45293
- Hoffman, D., Lee, D., Ghorio, A., Nurmia, M., Aleklett, K. Fragment mass and kinetic-energy distributions from spontaneous fission of the neutron-deficient isotopes, $1.2\text{-}^{246}\text{Fm}$ and $38\text{-}^{246}\text{Fm}$ 1-5810
- Hoffman, D.K. *see* Wolf, N.O. 1-25569
- Hoffman, E.J. *see* Dimock, C.W. 1-53714
- Hoffman, E.L. Analytical geochemistry advanced by neutron activation 1-22506
- Hoffman, G.L., Olson, D.W., Salpeter, E.E. Dynamical models and the mass of the Virgo cluster 1-49829
- Hoffman, G.R. Minimising the noise in a thin film inductance variation magnetometer 1-307
- Hoffman, H. *see* Calvetti, M. 1-14778
- Hoffman, H. *see* Fischer, G. 1-7760
- Hoffman, H. *see* Fischer, J. 1-39847
- Hoffman, H.H. *see* Arnold, H.W. 1-54232
- Hoffman, H.H. *see* Cox, D.C. 1-4599
- Hoffman, J. *see* Nicmann, R.C. 1-48882
- Hoffman, J. *see* Smith, R.P. 1-45754
- Hoffman, J. *see* Wang, S.-T. 1-48881
- Hoffman, J.A., Cominsky, L., Lewin, W.H.G. Repeatable, multiple-peaked structure in Type I X-ray bursts 1-13884
- Hoffman, J.A. *see* Doty, J.P. 1-49714
- Hoffman, J.A. *see* Gruber, D.E. 1-22837
- Hoffman, J.A. *see* Smith, R.P. 1-45753
- Hoffman, J.D., Guttman, C.M., DiMarzio, E.A. On the problem of crystallization of polymers from the melt with chain folding 1-30098
- Hoffman, J.D. *see* DiMarzio, E.A. 1-30100, 1-47017
- Hoffman, J.D. *see* Guttman, C.M. 1-38300, 1-38641
- Hoffman, J.J. *see* Ernst, K. 1-8619
- Hoffman, J.R. *see* Cacciopoli, R.J. 1-28654
- Hoffman, R.A. Dynamics Explorer program 1-49441
- Hoffman, R.A. *see* Zanetti, L.J. 1-13644
- Hoffman, S. *see* Gelfand, S.A. 1-11259
- Hoffman, T.E. *see* Vessot, R.F.C. 1-27855
- Hoffman, T.J. An application of pattern recognition techniques to Monte Carlo radiation transport problems 1-50079
- Hoffmann, B. *see* Schwung, U. 1-3053
- Hoffmann, C.R., Schneider, H.R. A simple resistive displacement transducer for a cryogenic environment [of superconducting cyclotron] 1-14711
- Hoffmann, C.R. *see* Schneider, H.R. 1-45757
- Hoffmann, D.H.H. *see* Meier, D. 1-23589
- Hoffmann, E., Alcorn, J., Chen, W., Hsu, Y.-H., Purcell, J., Schermer, R. Design of the BPA superconducting 30 MJ energy storage coil 1-53703
- Hoffmann, G.W. *see* Ray, L. 1-5783, 1-41049
- Hoffmann, H. Prospects of a liquid metal target system for a spallation neutron source 1-18948
- Hoffmann, H., Neudel, M., Schewe, H., Reffle, J. Trajectories of para- and ferromagnetic particles in HGMS filters with axial configurations 1-51336
- Hoffmann, H. *see* Barranco Luque, M. 1-14745
- Hoffmann, H. *see* Fischer, G. 1-12212, 1-38868
- Hoffmann, H. *see* Reffle, J. 1-51335
- Hoffmann, H. *see* Stobiecki, F. 1-12281, 1-26386
- Hoffmann, H. *see* Stobiecki, T. 1-30700
- Hoffmann, H.J. Electronic properties of semiconductors with negative-U centers 1-30660
- Hoffmann, I. The first solar energy system in West Germany for industrial utilization 1-21921
- Hoffmann, K. *see* Rysell, H. 1-34364
- Hoffmann, K.P. *see* Druis, H. 1-43007
- Hoffmann, K.-P., Morrone, C.M., Reuter, J.H. A comparison of the responses of single cells in the LGN and visual cortex to bar and noise stimuli in the cat 1-4273
- Hoffmann, P., Hugel, H., Schall, W., Schock, W. CW carbon monoxide laser with microwave excitation in the supersonic flow 1-24396
- Hoffmann, P. *see* Hugel, H. 1-46287
- Hoffmann, P. *see* Valtou, M. 1-38216, 1-42271
- Hoffmann, P.W. *see* Schall, W. 1-41725
- Hoffmann, R., Eisenstein, O., Balaban, T. Hypothetical strain-free oligoradicals 1-51086
- Hoffmann, R. *see* Wahl, G. 1-21362
- Hoffmann, Th. Geothermal heat sources for heat pumps 1-35684
- Hoffmann, W., Moller, G. Heavy particle dosimetry with high temperature peaks of thermoluminescent materials 1-6091
- Hoffmann, W., Moller, G., Blattmann, H., Salzmann, M. Pion dosimetry with thermoluminescent materials 1-6056
- Hoffmann, W. *see* Schwedt, H. 1-4372
- Hoffmann, W.F. *see* Thronson, H.A., Jr. 1-9598
- Hoffmann-Ostenhof, M., Seiler, R. Cusp conditions for eigenfunctions of n -electron systems 1-24011
- Hoffstetter, S. *see* Noel, A. 1-9035
- Hofker, W.K., Politick, J. Ion implantation in semiconductors 1-7192
- Hofland, R., Jr. *see* Amimoto, S.T. 1-51470
- Hofler, H. Endolaryngeal CO₂ laser surgery 1-8953
- Hofmann, D.J. *see* Rosen, J.M. 1-17647
- Hofmann, G.L. *see* Bandopadhyay, G. 1-774
- Hofmann, C. Investigations of the influence of the coherence parameter upon optical imaging. I. On the advantages and the limits of characterisation of a partially coherent image by an optical transfer function 1-41607
- Hofmann, C. Possibilities and limits of the correction of aberrations 1-46236
- Hofmann, C., Nordwig, W. Performance assessment and technologies of quasi-diffraction-limited high-performance optics 1-46486
- Hofmann, C., Nordwig, W. High-performance optical systems of VEB Carl Zeiss JENA for the quasi-diffraction-limited reproduction of micropatterns on wide fields 1-46487
- Hofmann, D. Contribution of measurement theory to the development of measurement engineering 1-23144
- Hofmann, D., Tarbeyev, Yu.V. Theoretical, physical and metrological problems of further development of measurement techniques and instrumentation in science and technology 1-23142
- Hofmann, D.J., Rosen, J.M. Stratospheric sulfuric acid layer: evidence for an anthropogenic component 1-8780
- Hofmann, H. Linear response theory of deeply inelastic collisions 1-50636
- Hofmann, H. *see* Deubler, H.H. 1-50630
- Hofmann, H. *see* Pomorski, K. 1-50666
- Hofmann, H.-J., Birmstorf, F. A simple model for calculation of interaction energies between hydrocarbons and water 1-46059
- Hofmann, H.M., Mertelmeier, T., Herman, M., Tepl, J.W. Hauser-Feshbach calculations in the presence of weakly absorbing channels with special reference to the elastic enhancement factor and the factorization assumption 1-5767
- Hofmann, H.M. *see* Fick, D. 1-28481
- Hofmann, I. Negative energy oscillations and instability of intense beams 1-10571
- Hofmann, J. Solution of electric field between coaxial cylinders with a space charge 1-1432
- Hofmann, J. *see* Hartung, V. 1-31981
- Hofmann, J. *see* Stocker, H. 1-14487, 1-50620
- Hofmann, J.R. An implicit noniterative method for computing liquid and gas flow 1-10428
- Hofmann, M. *see* Leutwyler, S. 1-33579
- Hofmann, R., Kruger, W. X-ray analysis in industry 1-43727
- Hofmann, R. *see* Kemmer, J. 1-18981
- Hofmann, S. Quantitative depth profiling in surface analysis: A review 1-47347
- Hofmann, S. *see* Kitahara, T. 1-23970
- Hofmann, S. *see* Malherbe, J.B. 1-42412
- Hofmann, S. *see* Munzenberg, G. 1-50695
- Hofmann, S. *see* Zalar, A. 1-42655
- Hofmann, W. *see* Harris, A.W. 1-9658
- Hofmann-Wellenbof, B. *see* Ebner, H. 1-4411
- Hofmannova, D. *see* Valek, V. 1-32222
- Hofrichter, J. *see* Ferrone, F.A. 1-8798
- Hofstadter, R. *see* Partridge, R. 1-10207, 1-18483
- Hofstaetter, A. *see* Bohm, M. 1-3502
- Hofstetter, A. *see* Bowering, R. 1-8908, 1-8963
- Hofstetter, A. *see* Frank, F. 1-8960
- Hoft, H. Contribution to the analytical presentation of hysteresis curve of ferromagnetic and ferroelectric materials 1-25989
- Hoft, H. Influence of unevenness on the corrosion of precious metal contact members 1-31746
- Hoftiez, J. *see* Foroughi, F. 1-28339
- Hoftiezer, J.H., Baker, S.D., Clement, J.M., Dragoset, W.H., Duck, I. M., Felder, R.D., Judd, D.M., Mutchler, G.S., Pepin, G.P., Phillips, G.C., Umland, E.A., Allred, J.C., Hungerford, E.V., III, Mayes, B.W., Pinsky, L.S., Williams, T.M., Furic, M., von Witsch, W. Reaction $\text{rd} \rightarrow \text{prn}$ in the D resonance region 1-41142
- Hog, E. Space astrometry as NASA and ESA projects 1-32596
- Hogasen, H. Manifestation of colour in nucleons and nuclei 1-28293
- Hogasen, H. *see* Chan Hong-Mo 1-28286
- Hogan, A., Pitaniello, A.M., Cheng, R., Barnard, S., Winters, W., Samson, J.A. Some characteristics of the Antarctic aerosol 1-9235
- Hogan, D.C., Kearsley, A.J., Webb, C.E. Resistive stabilisation of a discharge-excited XeCl laser 1-24430
- Hogan, G.E. *see* Chiang, I.-H. 1-45353
- Hogan, J.S. *see* Hameed, S. 1-44290
- Hogan, J.T. Beta limits in beam-heated Tokamaks 1-6976
- Hogan, J.T. *see* Dolder, K. 1-6985
- Hogan, L.M. *see* Adam, C.McL. 1-53166
- Hogan, M.R. *see* Ayers, D.L. 1-35687
- Hogan, P.A. Plane gravitational waves 1-27839
- Hogarth, C.A. *see* Ghauri, M. 1-38783
- Hogarth, C.A. *see* Kahn, M.N. 1-7758
- Hogarth, C.A. *see* Khan, M.N. 1-38874
- Hoge, F.E., Swift, R.N. Oil film thickness measurement using airborne laser-induced water Raman backscatter 1-8785
- Hoge, F.E. *see* Leonard, D.A. 1-22542
- Hogervorst, W. *see* Eliel, E.R. 1-1132
- Hogg, B.G. *see* Dannefaer, S. 1-39178
- Hogg, C. *see* Chance, R.R. 1-19224
- Hogg, D.C., Guiraud, F.O., Burton, E.B. Simultaneous observation of cool cloud liquid by ground-based microwave radiometry and icing of aircraft 1-44268
- Hogg, D.C. *see* Snider, J.B. 1-22527
- Hogg, H. Sawyer *see* Sawyer Hogg, H.
- Hogg, R. *see* Hwang, C.L. 1-16048
- Hogg, R.D. *see* Shinar, J. 1-47972
- Hogg, T.E. *see* Creer, K.M. 1-35933
- Hogge, M.A. Secant versus tangent methods in non-linear heat transfer analysis 1-11394
- Hogland, R.G., Johannisson, T.G. Production of hollow and solid profiles of aluminium alloys by hydrostatic extrusion 1-35220
- Hoglund, B. *see* Eldler, J. 1-49774
- Hoglund, L.E., Siddon, T.E. Contaminating effect of probe noise on jet pressure correlations 1-46624
- Hoglund, R. A nodal method of calculating power distributions for LWR-type reactors with square fuel lattices 1-23832
- Hogmark, S., Soderberg, S., Vingsbo, O. Surface deformation and frictional heating of steel during machining and laboratory testing 1-39403
- Hogner, W., Richter, N. Isophotometric atlas of comets, pt.1 1-4782
- Hogner, W. *see* Strugatskaya, A.A. 1-27390
- Hogstrom, K.R., Rosen, I.I. Diffusion rates of positron emitters in pion irradiated patients 1-9000
- Hogstrom, K.R., Rosen, I.I., Gelfand, E., Paciotti, M.A., Amols, H.I., Luchsted, S. Calculation of pion dose distributions in water 1-27005
- Hogstrom, K.R. *see* Cooke, D.W. 1-6040
- Hogue, R. *see* Cockerill, D. 1-14742
- Hoh, K. Photoacoustic effect in laser annealing 1-20318
- Hohan, I. *see* Penescu, C. 1-32301
- Hobbach, A.C. *see* Rappe, G.H. 1-6031
- Hobeisel, C. Molecular dynamics of binary fluids in the region of the critical mixing point. II. The static and dynamic behaviour 1-15780
- Hobenberg, C.M. *see* Arvidson, R.E. 1-36207
- Hobenberg, P.C. An introduction to Bose condensation 1-2732
- Hobenberg, P.C., Halperin, B.I., Nelson, D.R. Deviations from dynamic scaling at the superfluid transition in two and three dimensions 1-11933
- Hobenberg, P.C. *see* Ahlers, G. 1-42595
- Hohenemser, C. *see* Arends, A.R. 1-34960
- Hohenner, A. *see* Linder, M. 1-38991
- Hobenkerk, C.Y. *see* Yallop, B.D. 1-36253
- Hobenstark, M. *see* Neuhauser, W. 1-2221
- Hohimer, J.P. Collision broadening and shift of the potassium 4P-7S and 4P-5D lines by argon 1-51166
- Hohl, F., De Young, R.J. Large-volume multiple-path nuclear-pumped laser 1-37459
- Hohl, F., De Young, R.J., Jalufka, N.W. Recent advances in NASA nuclear-pumped laser research 1-19362
- Hohl, F. *see* De Young, R.J. 1-15153
- Hohl, F. *see* Lee, J.H. 1-6564
- Hohla, K. *see* Brederlow, G. 1-11013
- Hohla, K. *see* Diegelmann, M. 1-19323
- Hohle, H.-M. *see* Steffens, H.-D. 1-21343
- Hohfeld, C. *see* Alekseevskii, N.E. 1-12236
- Hohlneicher, G. *see* Saddei, D. 1-39223, 1-51122
- Hohlwein, D., Ihringer, J. Temperature dependence of the diffuse streak system in K_2SnCl_6 1-20034
- Hohlwein, D. *see* Nagel, W. 1-12298
- Hohn, D.H. *see* Abele, J. 1-13573
- Hohne, R. *see* Muli, H. 1-25928
- Hohne, W.E. *see* Makhaldiani, V.V. 1-4246
- Hohnke, D.K. *see* Hurley, M.D. 1-30792
- Hoida, H.W. *see* Sherwood, A.R. 1-34112
- Holinka, K.P. Synoptic-scale atmospheric features and foehn 1-49322
- Holikes, H. The physical interaction potential of gas atoms with single-crystal surfaces, determined from gas-surface diffraction experiments 1-31264
- Hojaji, H. *see* Mohr, R.K. 1-51613
- Hojan, E. Analysis of the configuration of the acoustic field of loudspeaker systems excited with a sinusoidal signal 1-15298
- Hojgaard Jensen, H., Smith, H., Wolfe, P., Nagai, K., Maack Bisgaard, T. Boundary effects in fluid flow. Application to quantum liquids 1-33985
- Hojman, R., Mukku, C., Sayed, W.A. Parity violation in metric-torsion theories of gravitation 1-9903

- Hojman, S. Gauge invariant treatment of internal gauge theories 1-45104
- Hojman, S., Montemayor, R. S-equivalent Lagrangians for free particles and canonical quantization 1-27809
- Hojjo, H., Tsuda, K., Minh Thai, C. Erosion damage of polymethyl methacrylate 1-3936
- Hojjo, H., see Watanabe, T. 1-25200
- Hojjo, J., Tajima, M., Kato, A. Sinterability of fine molybdenum carbide powders obtained by a chemical vapour deposition method 1-21395
- Hojou, K., see Oikawa, T. 1-30017, 1-40905
- Hojstrup, J., see Peterson, E.W. 1-49316
- Hojvat, C., see Faissler, W. 1-45351
- Hok, B. A new approach to noninvasive manometry: interaction between ultrasound and bubbles 1-32215
- Hokelek, E., Robinson, G.Y. A comparison of Pd Schottky contacts on InP, GaAs and Si 1-34795
- Hoki, N., see Kagiya, M. 1-43995
- Hokim, D., see Gervais, A. 1-16099
- Hola, O., Surka, S. Determination of rotational correlation time of nitroxide radicals in nematic liquid crystals 1-52051
- Hola, O., Surka, S. EPR studies of nematic liquid crystals 1-52052
- Holaday, V.D., see Burke, D.F. 1-28687
- Holaday, V.D., see Smith, L.A. 1-21422
- Holakovskiy, J. PZT single crystal: thermodynamic description of a Pb(Ti,Zr)O₃ binary system 1-21140
- Holan, J., Vacha, R. The VUZORT exposition equipment for measuring modulation transfer function of photographic materials 1-14194
- Holan, F., see Sterba, F. 1-14442
- Holay, S.H., see Majumdar, S. 1-51822
- Holben, B.N., Justice, C.O. The topographic effect on spectral response from nadir-pointing sensors 1-40228
- Holberg, J.B., Sandel, B.R., Forrester, W.T., Broadfoot, A.L., Shipman, H.L., Barry, D.C. Extreme-UV and far-UV observations of the white dwarf HZ 43 from Voyager 2 1-49652
- Holbrook, M.B., Sleet, W.E., Bradley, D.J. Bandwidth-limited picosecond pulse generation in an actively mode-locked GaAlAs diode laser 1-51526
- Holbrook, W.R., see Tsang, W.T. 1-41747, 1-46338
- Holcomb, D.J., Stevens, J.L. The reversible Griffith crack: A viable model for dilatancy 1-40122
- Holcomb, D.J., see Stevens, J.L. 1-40121
- Holcomb, L.G. Microseisms: a twenty-six second spectral line in long-period Earth motion 1-32353
- Holcombe, T.L., see Gorsline, D.S. 1-11229
- Holczer, K., Boucher, J.P., Devreux, F., Nechtschein, M. Magnetic-resonance studies in undoped trans-polyacetylene, (CH), 1-42995
- Holczer, K., see Kanaras, K. 1-3421, 1-31147
- Holde, K.E. Van see Van Holde, K.E.
- Holdeman, J.T., see Kleinschuer, C. 1-72
- Holden, A.H., see LeBoda, M.A. 1-8244
- Holden, L., see Hayes, W. 1-30466, 1-43108
- Holden, T.M., see Buyers, W.J.L. 1-47874
- Holden, W.S., see Lehm-Pei Lee 1-48263
- Holder, K., see Lehmann, R.H. 1-15620
- Holder, M., see Brandelik, R. 1-23510, 1-23527, 1-50411
- Holder, N.D., Strand, J.B., Schwarz, A.S. Processing of AVR test reactor fuel spheres at General Atomic under the United States/Federal Republic of Germany cooperative agreement for spent-fuel treatment 1-41223
- Holdorf, B. Dose effect relationships in cervical and thoracic radiation myopathies 1-53901
- Holdren, J.P., Morris, G., Mintzer, I. Environmental aspects of renewable energy sources 1-39706
- Holdridge, L.A., see Willis, W.L. 1-41674
- Holeman, B., see Herbert, D.C. 1-3009
- Holeman, G.R., see Nath, R. 1-9025
- Holenstein, R., Niederer, P., Anliker, M. A viscoelastic model for use in predicting arterial pulse waves 1-49055
- Holer, G. High energy πN phase shift analysis 1-10252
- Holger, D.K. Prediction of changes in aircraft noise exposure 1-8784
- Holgersson, I., see Andersson, B. 1-45207
- Holian, B.L. Cell-model prediction of the melting of a Lennard-Jones solid 1-2593
- Holian, B.L., Hoover, W.G., Moran, B., Straub, G.K. Shock-wave structure via nonequilibrium molecular dynamics and Navier-Stokes continuum mechanics 1-19753
- Holinde, K. Two-nucleon forces and nuclear matter 1-41064
- Holinde, K., see Heins, L. 1-5706, 1-28306
- Holinde, K., see Machleidt, R. 1-23582
- Holinde, K., see Machleidt, R. 1-28307
- Holinde, K., see Muther, H. 1-5707
- Holje, G., see Chen, C.S. 1-26988
- Holl, C.K., see Clifton, K.S. 1-44233
- Holl, P.M. Design of the MFTF external vacuum system 1-934
- Holl, R.J. A central receiver solar power system for remote locations 1-17172
- Holl, Y., see Hilaire, L. 1-47380
- Hollain, G., see de Hollain, G.
- Hollan, L., Boulou, M., Chane, J.P. Some characteristics of highly n-doped VPE grown GaAs epilayers 1-47408
- Hollan, L., Hallais, J.P., Brice, J.C. The preparation of gallium arsenide 1-39241
- Holland, A. Problems in calibrating a polar nephelometer 1-5354
- Holland, A.C., see Acquista, C. 1-10926
- Holland, B.W. Self-consistency condition for calculations based on the Kohn-Sham formalism 1-12056
- Holland, C.J., see Berryman, J.G. 1-50070
- Holland, D.M.P., Codling, K. Double photoionisation in Ti and Pb in the region of the 5d ionisation 1-24089
- Holland, D.M.P., Codling, K., Chamberlain, R.N. Double ionisation in the region of the 5p thresholds of Ba and Yb 1-46037
- Holland, F., see Hodnett, P.F. 1-32464
- Holland, H.J., Gulati, S.T. A mechanism for strengthening fluorine-containing lithium aluminum silicate glass-ceramics 1-4432
- Holland, J.W., Kelman, L.R. Post-test examination results of SLSF experiment P3A 1-50828
- Holland, J.W., see Miles, K.J. 1-43635
- Holland, L. A review of plasma process studies 1-46933
- Holland, L., Samuel, G. Substrate floating potential characteristics in planar magnetron and HT sputtering systems 1-6938
- Holland, L., see Coelho, P.R.P. 1-37027
- Holland, O.W., see Barrett, J.H. 1-21314
- Holland, R.E., see Elwyn, A.J. 1-5788
- Holland, S.F., see Garrison, B.J. 1-30537
- Holland, W., see Baker, D.J., Jr. 1-13562
- Holland, W.R., Rhines, P.B. An example of eddy-induced ocean circulation 1-32454
- Holland, W.R., see Semtner, A.J., Jr. 1-22347
- Holland-Moritz, K., Van Warden, K. Vibrational spectroscopic studies of modifications of poly(trans-alkenylene)s. I. The orthorhombic modification of poly(trans-pentenylene) and poly(trans-heptenylene) 1-34245
- Hollander, H.J. Parametric considerations in utilizing refuse-derived fuels in existing boiler furnaces 1-39727
- Hollander, J.M., Simmons, M.K., Wood, D.O. (editor) Annual review of energy, vol.5, 1980 1-36468
- Hollander, Tj., see Jongerius, M.J. 1-19050
- Hollander, W. A novel condensation nucleus counter for the single measurement determination of Kelvin size spectra 1-18354
- Hollander, W.R., see de Hollander, W.R.
- Hollas, J.M., Ridley, T. The C(1)-C(α) torsional potential function in the ground electronic state of styrene obtained from the single vibronic level fluorescence and other spectra 1-6298
- Hollebeek, R.J., see Abrams, G.S. 1-10208, 1-10242, 1-50430
- Hollebeek, R.J., see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Hollebeek, R.J., see Dorfan, J.M. 1-41020
- Hollebeek, R.J., see Himel, T.M. 1-18482
- Hollebeek, R.J., see Scharre, D.L. 1-18485, 1-45292
- Hollebone, B.R. Subduced selection rules for vibronic transitions in d³ octahedral complexes 1-19079
- Holleck, G.L. Common pressure vessel nickel-hydrogen battery design 1-3600
- Holleck, G.L., Driscoll, J.R., Paul, B.E. The use of LaNi₅H₄-type hydrides in Ni-H₂ batteries: benefits and problems 1-21875
- Holleman, G.W., Injeyan, H. CW DF overtone laser demonstration 1-46330
- Holleman, G.W., see Finzi, J. 1-1548
- Holleman, G.W., see Wang, J.H.S. 1-46325
- Hollenbach, D., McKee, F. Molecule formation and infrared emission in fast interstellar shocks. II. Dissociation speeds for interstellar shock waves 1-22869
- Hollenbach, D.J., see Lacy, J.H. 1-36382
- Hollenberg, G.W. Thermally induced stresses and fractures in boron carbide pellets 1-3874
- Hollenberg, G.W., Birney, K.R., Pitner, A.L. Design of absorber assemblies with intentional pellet/cladding mechanical interaction 1-10444
- Hollenberg, G.W., Mastel, B., Basmajian, J.A. Effect of irradiation temperature on the growth of helium bubbles in boron carbide 1-2526
- Hollenberg, G.W., Walther, G. The elastic modulus and fracture of boron carbide 1-39356
- Hollenberg, K. Data acquisition system with 8 BIOMATRON 8100 controlled by a 6800 microcomputer 1-23197
- Hollender, L. Panoramic dental radiography with an intra-oral X-ray tube 1-17482
- Hollenstein, Ch., Guyot, M., Weibel, E.S. Stationary potential jumps in a plasma 1-29874
- Hollenstein, H., Gunthard, H.S. A transferable valence force field for polyatomic molecules. A scheme for a series of molecules containing C=O groups 1-51309
- Holler, R., Lischka, H. Coupled-Hartree-Fock calculations of susceptibilities and magnetic shielding constants. I. The first row hydrides LiH, BeH₂, BH₃, CH₄, NH₃, H₂O and HF, and the hydrocarbons C₂H₂, C₂H₄ and C₂H₆ 1-33391
- Holler, R., Lischka, H. Coupled-Hartree-Fock calculations of susceptibilities and magnetic shielding constants. II. The second row hydrides NaH, MgH₂, AlH₃, SiH₄, PH₃, H₂S and HCl 1-33392
- Holler, R., see Karpfen, A. 1-47020
- Hollerbach, J.M. An oscillation theory of handwriting 1-49025
- Holley, B., Kaplan, P., Mendel, E. Semiconductor polishing composition 1-48535
- Holley, T.K., Sunggi Chung, Lin, C.C., Lee, E.T.P. Close-coupling calculation of the X²_g + ³P²_g excitation cross sections of N₂ by electron impact 1-37336
- Holley, W.R., see Fabricant, J.J. 1-43987
- Holliger, P., Devillers, C. Contribution to the study of the temperature within the Oklo fossil nuclear reactor by the observation of lutetium isotopes 1-40131
- Hollinger, G. Chemical and electronic structures of SiO₂ and SiO, and a few oxides and bronzes of crystalline and amorphous tungsten by photoelectron spectroscopy study 1-3578
- Hollinger, G. Electronic structure and photoelectric properties of amorphous WO₃ films investigated by XPS 1-3579
- Hollins, F., Pritchard, J. Dipole coupling effects in the coverage-dependent infrared spectra of CO chemisorbed on Cu(111) 1-8054
- Hollins, P., Pritchard, J. Isotopic mixing for the determination of relative coverages in overlayer structures: CO on Cu(111) 1-16181
- Hollis, J.M., Snyder, L.E., Lovas, F.J., Ulich, B.L. A radio search for interstellar phosphorus compounds 1-3272
- Hollis, J.M., Snyder, L.E., Suenram, R.D., Lovas, F.J. A search for the lowest-energy conformer of interstellar glycine 1-44607
- Hollister, C.D., see Shor, A. 1-4502
- Hollomon, J.H., Appers, G.R., Lewis, L.L., Emmons, T.P., Vold, T.G., Fortson, E.N. Measurement of parity nonconservation in atomic bismuth 1-46151
- Hollnagel, R., Knauf, K. Bestimmung der Aktivität von Schwelennwertensonden aus Rhodium (Determination of threshold activity values for rhodium) 1-8644
- Holloway, G. Oceanic internal waves are not weak waves 1-27190
- Holloway, H., Walpole, J.N. MBE techniques for IV-VI optoelectronic devices 1-3627
- Holloway, N.J., Pryce, M.H.L. Properties of gaps in pulsar magnetospheres 1-36318
- Holloway, P.E. A criterion for thermal stratification in a wind-mixed system 1-27186
- Holloway, P.H., Shanker, K., Pettit, R.B., Sowell, R.R. Oxidation of electrodeposited black chrome selective solar absorber films 1-12996
- Holloway, P.H., see Haranahalli, A.R. 1-48035
- Holloway, P.H., see Ohuchi, F. 1-21302
- Holloway, S., Benemann, K.H. Study of water adsorption on metal surfaces 1-34576
- Holloway, J.V. The physical interpretation of Alfvén wave flux in the solar corona 1-44525
- Holloway, J.V., see Nye, A.H. 1-36251
- Holloworth, B.R., Dagan, L. Arrays of impinging jets with spent fluid removal through vent holes on the target surface. I. Average heat transfer 1-33961
- Holly, F.E., see Olch, A.J. 1-35885
- Hollyfield, J.G., Basinger, S.F. RNA metabolism in the retina in relation to cyclic lighting 1-35778
- Hollywood, M.T., see McAdams, R. 1-6390
- Holm, A., see Bak, B. 1-51184
- Holm, A.V., Panek, R.J., Schiffer, F.H. UX Ursae Majoris 1-13786
- Holm, A.V., see Code, A.D. 1-40468
- Holm, A.V., see Mattei, J. 1-44569
- Holm, A.V., see Panek, R.J. 1-22841
- Holm, D.D., see Axford, R.A. 1-51817
- Holm, E., Ballestra, S., Fukai, R., Beasley, T.M. Particulate plutonium and americium in Mediterranean surface waters 1-17624
- Holm, G.B., see de Geer, L.E. 1-14463
- Holm, R., Storp, S. Surface and interface analysis in polymer technology: a review 1-20534
- Holm, R.T., see Singer, A.H. 1-41890
- Holman, G.D., Eichler, D., Kundu, M.R. An interpretation of solar flare microwave spikes as gyroresonant masering 1-4902
- Holman, G.D., see Scott, J.S. 1-9644
- Holmberg, B. Solubility and complexation of calcium iodate in (K,Na)NO₃ melts 1-52295
- Holmberg, P., see Kiuru, A. 1-49118
- Holmen, G., see Alestig, G. 1-2990
- Holmes, A.M.C., see Bushnell, D. 1-41982
- Holmes, B.J., see Hagston, W.E. 1-7932
- Holmes, B.S., Maher, W.E., Hall, R.B. Laser-target interaction near the plasma-formation threshold 1-34094
- Holmes, C.R., Szymanski, E.W., Szymanski, S.J., Moore, C.B. Radar and acoustic study of lightning 1-44254

- Holmes, F.A. *see* Emtage, P.R. 1-34148
 Holmes, G.S. *see* Asher, J.M. 1-39761
 Holmes, G.S. *see* Asher, M. 1-17192
 Holmes, G.T. Launch dependent attenuation measurements on a 10-kilometer concatenation experiment [optical fibres] 1-11143
 Holmes, G.T. Propagation parameter measurements of optical waveguides 1-37625
 Holmes, G.T., Hawk, R.M. Limited phase-space attenuation measurements of low-loss optical waveguides 1-41829
 Holmes, J.A., Peng, Y.-K.M., Lynch, S.J. Tokamak plasma variations under rapid compression 1-6930
 Holmes, J.A. *see* Carreras, B. 1-6963
 Holmes, J.F., Miles, R.T. Oceanic-wave-measurement system 1-40227
 Holmes, J.F., Rao Gudimetla, V.S. Variance of a two frequency speckle field after propagation through the turbulent atmosphere 1-41579
 Holmes, M., Rahman, T.A. Creep behaviour of glass reinforced plastic box beams 1-8369
 Holmes, M.C. *see* Boden, N. 1-46997
 Holmes, M.H. Low frequency asymptotics for a hydroelastic model of the cochlea 1-32145
 Holmes, N.C. *see* Trainor, R.J. 1-36674
 Holmes, Q.A., Nuesch, D.R., Vincent, R.K. Optimum thermal infrared bands for mapping general rock type and temperature from space 1-13615
 Holmes, R. *see* Nikolajsen, J.L. 1-19623
 Holmes, R.W. *see* Dey, A.N. 1-17188
 Holmes, S.J. *see* Travis, E.L. 1-43913
 Holmgren, D. *see* Adelberger, E.G. 1-37352
 Holmgren, G., Bostrom, R., Kelley, M.C., Kintner, P.M., Lundin, R., Fahleson, U.V., Bering, E.A., Sheldon, W.R. Trigger, an active release experiment that stimulated auroral particle precipitation and wave emissions 1-17727
 Holmgren, G. *see* Kelley, M.C. 1-17728
 Holmgren, G. *see* Kintner, P.M. 1-17730
 Holmgren, G. *see* Lundin, R. 1-17729
 Holmgren, H.D. *see* Anderson, B.D. 1-41109
 Holmgren, H.D. *see* Cowley, A.A. 1-23658, 1-23661
 Holmgren, S.L. *see* Montgomery, J.A., Jr. 1-12980
 Holmgren, S.O. *see* Aguilar-Benitez, M. 1-5646, 1-23517
 Holmgren, S.O. *see* Loverre, P.F. 1-18511, 1-18512
 Holmlid, L., Lonn, B., Olsson, J.O. Apparatus with nanosecond field transition times for field reversal studies of surface processes at high temperatures 1-50172
 Holmstrom, H. Application problems of RELAP4 experienced in Finland 1-33334
 Holmstrom, R.P., Lagowski, J., Gatos, H.C. Electron beam stimulated changes in composition and electrical properties of CdS surfaces 1-25327
 Holonyak, N., Jr., Laidig, W.D., Vojak, B.A., Hess, K., Coleman, J.J., Dapkus, P.D., Bardeen, J. Alloy clustering in $\text{Al}_{0.4}\text{Ga}_{0.6}\text{As}$ quantum-well heterostructures 1-29281
 Holonyak, N., Jr. *see* Coleman, J.J. 1-46340
 Holonyak, N., Jr. *see* Hess, K. 1-7625
 Holonyak, N., Jr. *see* Kirchhofer, S.W. 1-46368
 Holonyak, N., Jr. *see* Rzek, E.A. 1-47409
 Holopainen, E. *see* Alestalo, M. 1-54220
 Holopainen, H. *see* Taskinen, A. 1-26425
 Holopainen, B.P. Effect of different types of carbon black on elastic constants of elastomers 1-12783
 Holroyd, N.J.H., Parkins, R.N. The predictability of stress corrosion cracking susceptibility of steels in acetate solutions from potentiodynamic polarization curves 1-31716
 Holroyd, R.A., Cipollini, N.E. Dependence of conduction band energy and electron mobility on fluid density 1-51905
 Holsapple, K.A., Schmidt, R.M. On the scaling of crater dimensions. I. Explosive processes 1-44191
 Holscher, H. *see* Bijvoet, J. 1-20985
 Holsheimer, J. *see* van der Vliet, G.H. 1-13228
 Holston, C.E. *see* Courtney, J.C. 1-18898
 Holst, P.A., Olsen, E.O., Simpson, D.C., Lindquist, R.P., Karas, E.L. Resonant wire technology applied to process control instrument design 1-23256
 Holst, T. An implicit algorithm for the transonic full-potential equation in conservative form 1-2017
 Holste, C., Lange, F., Burmeister, H.-J. Change of activation area during cyclic deformation. I. Experimental results 1-53240
 Holstein, B.R. *see* Donoghue, J.F. 1-50395
 Holstein, H., Jr., Paddon, D.J. A singular finite difference treatment of re-entrant corner flow. I. Newtonian fluids 1-37866
 Holstein, T. *see* Sparks, M. 1-39193
 Holt, A.R. *see* Evans, B.G. 1-36023
 Holt, D.B., Datta, S. The cathodoluminescent mode as an analytical technique: its development and prospects [SEM] 1-18340
 Holt, D.B. *see* Datta, S. 1-3498, 1-21280
 Holt, J., Goddard, D.J. Acoustic emission during the elastic-plastic deformation of low alloy reactor pressure vessel steels. I. Uniaxial tension 1-3842
 Holt, J., Goddard, D.J. Acoustic emission during the elastic-plastic deformation of low alloy reactor pressure vessel steels. II. Deformation around a crack 1-3843
 Holt, J., Goddard, D.J., Palmer, I.G. Methods of measurement and assessment of the acoustic emission activity from the deformation of low alloy steels 1-48437
 Holt, J.B., Ankeny, D.C., Cline, C.F. Beryllium-containing high specific strength amorphous alloys 1-12814
 Holt, J.B., Magana, J.W., Ankeny, D.C., Cline, C.F. Stabilization of β -Be at room temperature by a rapid quench technique 1-12738
 Holt, J.J., Ross, J. Phase perception in the high spatial frequency range 1-13245
 Holt, P.D. *see* Delafeld, H.J. 1-969
 Holt, R.A., Rosner, S.D., Gaily, T.D., Adam, A.G. Lamb-shift and fine-structure measurements in $^{7}\text{Li}^{+}$ 1-6211
 Holt, R.J. *see* Bowles, T.J. 1-41144
 Holt, R.J. *see* Stephenson, E.J. 1-28821
 Holt, R.M. *see* Fosheim, K. 1-16011
 Holt, S.S. X-ray astronomical spectroscopy 1-54395
 Holt, S.S., Mushotzky, R.F., Becker, R.H., Boldt, E.A., Serlemitsos, P.J., Szymkowiak, A.E., White, N.E. X-ray spectral constraints on the broad-line cloud geometry of NGC 4151 1-22892
 Holt, S.S. *see* Becker, R.H. 1-13834
 Holt, S.S. *see* Kaluzienski, L.J. 1-22925
 Holt, S.S. *see* McKee, J.D. 1-49827
 Holt, S.S. *see* White, N.E. 1-9722
 Holt, S.S. *see* Worrall, D.M. 1-9712, 1-49784
 Holtbecker, H. *see* Biasi, L. 1-5868
 Holte, J. *see* Borg, S. 1-48807
 Holten, D. *see* Windsor, M.W. 1-17367
 Holten, J.W. *see* van Holten, J.W.
 Holten, J.W. *see* van Holten, J.W.
 Holter, G.M. *see* Oak, H.D. 1-28604
 Holtermann, D.L., Lee, E.K.C., Nanes, R. Single rovibronic level lifetimes of the A_2 state of SO_2 excited in the 3043 Å (E) band: rotationally resolved fluorescence emission spectrum 1-6297
 Holtermann, D.L., Lee, E.K.C., Nanes, R. Collision-induced rotational transitions in electronically excited states: the application of dipole-transition selection rules to $\text{SO}_2(A_2)$ 1-10819
 Holtet, J.A. *see* Grandal, B. 1-32578
 Holtey, G. *see* von Holtey, G.
 Holthe, J. *see* Hoppers, J. 1-17575
 Holthe, K., Kofstad, P. High temperature corrosion of cobalt in SO_2 1-43571
 Holthuisen, A. *see* Kalish, R. 1-16267
 Holthuisen, A. *see* Rutten, A.J. 1-45801
 Holthuisen, D.J. *see* Johnson, P. 1-5659
 Holthuisen, D.J. *see* van Apeldoorn, G.W. 1-45357
 Holtkamp, D.B. *see* Cottingham, W.B. 1-18683
 Holtkamp, D.B. *see* Morris, C.L. 1-723, 1-50498
 Holtmyer, M.D., Chatterji, J. Study of oil soluble polymers as drag reducers 1-46732
 Holton, G. Foreword to the symposium 'History of the atom' 1-49923
 Holton, I.R., Weightman, P., Andrews, P.T. Internal photoemission and plasmon gain in solid and thin films of Al 1-31309
 Holton, J. *see* Baker, D.J., Jr. 1-13562
 Holton, J.R. The dynamics of sudden stratospheric warmings 1-13558
 Holtz, R.E. *see* Bratis, J.C. 1-53533
 Holtzberg, F. Some questions on charge ordering in Th_2P_2 -type mixed-valence rare-earth compounds 1-11736
 Holtzberg, F., Von Molnar, S., Coey, J.M.D. Rare earth magnetic semiconductors 1-47657
 Holtzberg, F. *see* Ribault, M. 1-3025
 Holtzbert, F. *see* Benoit, A. 1-30898
 Holub, E. *see* Drake, D.M. 1-28448
 Holub, E. *see* Poonan, D. 1-41127
 Holub, G. Wind power stations 1-26811
 Holub, J. *see* Kudrman, J. 1-17015
 Holub, R.F. Evaluation and modification of working level measurement methods 1-6109
 Holve, D.J. In situ optical particle sizing technique 1-23167
 Holweger, H. Thorium in Arcturus, Pollux, Procyon and the Sun 1-40469
 Holweger, H. *see* Becker, U. 1-54442
 Holweger, H. *see* Rudolf, F. 1-17822, 1-32700
 Holy, M. Fundamental theology. Definitions of general principles and molecular interpretation in particular 1-6756
 Holy, V. Coherence properties of dynamically diffracted X-rays 1-11636
 Holyer, J.Y., Huppert, H.E. Gravity currents entering a two-layer fluid 1-11440
 Holye, A., Fuhr, J.R. Absolute transition probabilities of neutral titanium lines 1-10684
 Holz, A. Dislocation formalism in crystals with long-range interactions 1-20205
 Holz, A. Defect states and phase transition in the two-dimensional Wigner crystal 1-20206
 Holz, M., Muller, C. NMR measurements of internal magnetic field gradients caused by the presence of an electric current in electrolyte solutions 1-16492
 Holz, M. *see* Dorschner, T.A. 1-29317
 Holz, M. *see* Hirata, F. 1-28908
 Holzappel, G., Oppermann, K.G., Petel, M., Portal, G. Comparative TL-TSEE measurements on flame-sintered LiF TLD materials 1-8140
 Holzappel, G., Petel, M., Wieters, C.-U. Optimization of flame-sintered Al_2O_3 exoelectron dosimetry materials 1-8352
 Holzappel, W.B. *see* d'Amour, H. 1-28149
 Holzappel, W.B. *see* Heyns, A.M. 1-39107
 Holzappel, W.B. *see* Hirsch, K.R. 1-50234
 Holzel, G., Lentz, H. A mercury porosimeter for pressures up to 1.5 kbar 1-5454
 Holzer, T.E., Leer, E. Conductive solar wind models in rapidly diverging flow geometries 1-9341
 Holzer, T.E. *see* Leer, E. 1-9342
 Holzhauer, E. *see* Fahrback, H.U. 1-51937
 Holzhay, C. *see* Brouers, F. 1-25689
 Holzi, J., Porsch, G., Schrammen, P. New experiments of the adsorption of Ni on Ni(111) 1-2823
 Holzi, R.A., Stiglich, J.J., Jr., Zealcar, B.G. High temperature structural ceramic materials manufactured by the CNTD process 1-16731
 Holzie, E. *see* Schulte in den Baumen, J. 1-54379
 Holzmann, M., Vlach, B., Man, J. The relation between the temperature T_{DT} and the dynamic fracture toughness K_{ID} 1-47163
 Holzmann, M., Vlach, B., Man, J. Application of critical fracture stress model for the prediction of static and dynamic fracture toughness and the temperature T_{DT} 1-48484
 Holzmann, R. *see* Michel, C. 1-23602
 Holznar, S. *see* Lewin, W.H.G. 1-9733
 Holzschneider, H.M., Church, D.A. Near thermal charge transfer between Ar^{+2} and N_2 1-53413
 Holzschneider, H.M. *see* Church, D.A. 1-14992
 Holzschneider, M. *see* Graff, G. 1-10870
 Holzwarth, N.A.W. *see* DiVincenzo, D.P. 1-47433
 Holzwarth, N.A.W. *see* Tatar, R.C. 1-47453
 Hom, D.C. *see* Ito, A.S. 1-45373
 Hom, G. *see* Wagner, E.E. 1-30761, 1-48270
 Hom, J.F. *see* Figuerie, P. 1-36672
 Hom, M.L. *see* Luthjens, L.H. 1-973
 Homan, C., MacCarrone, R.K. Anomalous paramagnetism in pressure quenched CdS 1-3137
 Homan, C.G. Pressure effect on excitonic solids 1-30327
 Homan, C.G. *see* Frankel, J. 1-38615
 Homan, C.G. *see* MacCrone, R.K. 1-3138
 Homan, G.R. *see* Rabe, J.A. 1-43804
 Home, D., Sengupta, S. Comments on 'On a proposed new test of Heisenberg's principle' 1-32867
 Homentcovski, D. On the electrostatic potential problem for a spherical cap 1-51343
 Homentcovski, D. *see* Dragos, L. 1-29653
 Homer, C., Eberhardt, A. Hot deformation of a metallic glass 1-44354
 Homer, L.D. *see* Robertson, C.H., Jr. 1-22099
 Homer, R.J. *see* Berglund, A. 1-36881
 Homer, R.J. *see* Corden, M. 1-14429
 Homer, R.J. *see* Corden, M.J. 1-14428, 1-28352
 Homeyer, H., Bohlen, H.G., Egelhaaf, Ch., Fuchs, H., Gamp, A., Kluge, H. Reaction fragments resulting from collisions of ^{20}Ne on ^{197}Au at energies between 7.5 and 20 MeV/N 1-50649
 Homeyer, H. *see* von Oertzen, W. 1-23702
 Homeyer, W. *see* Hsu, Y.-H. 1-51994
 Homicz, G.F. *see* Lordi, J.A. 1-51796
 Homma, S., Nakano, H. Effect of molecular pairing in the phase transition of solid ortho-hydrogen 1-2776
 Homma, S., Takeno, S. Dynamics and statistical mechanics of the classical Ising model in a transverse field 1-25947
 Homma, S. *see* Aoki, T. 1-7803
 Homma, S. *see* Hayashi, M. 1-33202
 Homma, S. *see* Takeno, S. 1-32857
 Homma, T. *see* Nomura, O. 1-17225
 Homma, T. *see* Okuo, T. 1-17224
 Homma, T. *see* Sato, T. 1-39916
 Homma, Y., Ishii, M., Murase, Y. Excitation functions and yields for the production of ^{87m}Y and preparation of a ^{87m}Sr generator 1-4365
 Homma, Y., Sugitani, Y., Matsui, Y., Matsuura, K., Kurata, K. Cyclotron production of ^{167}Tm from natural erbium and natural holmium 1-13324
 Homma, Y. *see* Ushida, N. 1-546
 Homshaw, L.G., Quirk, J.P. Low temperature calorimetric study of water behaviour near the surface of an illite 1-42544
 Homay, R.V. *see* Cooper, J.F. 1-53597
 Hon, A.L.M., Turnage, K.G. Evaluating heated thermocouples for PWR in-vessel liquid level detections 1-50882
 Hon, D. High average power, efficient second harmonic generation 1-11049

- Hon, D.T. Pulse compression by stimulated Brillouin scattering 1-29339
- Hon, D.T., Brueselbach, H. Beam shaping to suppress phase mismatch in high power second-harmonic generation 1-29334
- Hon, M.H. *see* Hong, J.D. 1-16087
- Hon Chung Lau, Schwallter, W.R. On the use of mixed corotational and codeformational properties in constitutive equations 1-1904
- Honnan, T.J. *see* Bonaca, M.V. 1-50884
- Honine, M. *see* Motoc, C. 1-34219
- Hond, R., Glasbeek, M. Spin dephasing in the excited triplet state of F^+ -center pairs in CaO 1-3299
- Honda, F., Fukuda, Y., Rabalais, J.W. Clustering distances in secondary ion mass spectrometry 1-31273
- Honda, F., Fukuda, Y., Sow-Sung Ni, Rabalais, J.W. Temperature dependence of positive secondary ion yields from Fe, Co, Ni, Cu and Cu_2S , Ni_2S 1-21309
- Honda, F., Fukuda, Y. 1-17105
- Honda, H. *see* Fujii, T. 1-16034
- Honda, K., Torii, T., Miyake, Y., Sakamoto, T. Fatigue crack propagation in the region having tensile or compressive residual stress 1-43491
- Honda, K. *see* Inoue, T. 1-4099
- Honda, K. *see* Miyasaka, T. 1-39657
- Honda, K. *see* Ohswa, A. 1-25298
- Honda, M. String in finite temperature 1-45211
- Honda, M. *see* Podosek, F.A. 1-49238
- Honda, M. *see* Wada, N. 1-10743
- Honda, N. *see* Iwasaki, S.-i. 1-12369
- Honda, S. Multiple display holograms 1-37438
- Honda, S., Fukuda, N. Domain size effect on the coherent precession mode wall motion in magnetic bubble materials 1-38957
- Honda, S. *see* Ohkoshi, M. 1-21018, 1-25587
- Honda, T., Kobayashi, I. The analysis of Al strip by an electron microprobe Auger spectroscopy 1-31936
- Honda, T., Nakadate, S., Magoma, N., Tsujiuchi, J. Hybrid holographic interferometry for 3-D deformation measurement 1-19286
- Honda, T., Okada, K., Tsujiuchi, J. 3-D distortion of observed images reconstructed from a cylindrical holographic stereogram. I. Laser light reconstruction type 1-41638
- Honda, T. *see* Itoh, F. 1-31223
- Honda, T. *see* Nakadate, S. 1-1529
- Honda, T. *see* Nemoto, M. 1-3724
- Honda, T. *see* Ohnuma, K. 1-41637
- Honda, T. *see* Okada, K. 1-15112, 1-41639
- Honda, T. *see* Saito, T. 1-7659, 1-46265
- Honda, T. *see* Tsujiuchi, J. 1-41631
- Honda, Y., Kimura, Y., Nakamura, I., Maruyama, Y., Murayama, Y., Nakajima, T. An approach to beta radiation dosimetry by means of thermoluminescent LiF:Mg, Cu 1-6084
- Honders, A. *see* Cahen, H.T. 1-34513
- Hondros, E.D., Lea, C. Grain boundary microchemistry and stress-corrosion failure of mild steel 1-48578
- Hone, D., Leung, K.M. Spin-correlation functions in sine-Gordon magnetic chains 1-25859
- Honecker, H., Ellsner, G. Grinding ceramics materials on diamond grinding discs at faster speeds 1-16928
- Honerkamp, J. Quantization of exactly integrable field theoretic models. The operator transform method 1-36820
- Honerlage, B., Rossler, U., Vu Duy Phach, Bivas, A., Grun, J.B. Exciton polaritons and hyper-Raman scattering in zinc-blende-type semiconductors: CuBr as an example 1-2880
- Honerlage, B. *see* Kurtze, G. 1-52938
- Honey, R.C. Beam spread and point spread functions and their measurement in the ocean 1-22360
- Honey, V.J. *see* Hopkins, D.B. 1-10537
- Honeycombe, R.W.K. *see* Ricks, R.A. 1-31418
- Honeycutt, R.K., Bernat, A.P., Kephart, J.E., Gow, C.E., Sandford, M.T., II, Lambert, D.L. The size and surface brightness of the circumstellar gas shell surrounding Betelgeuse 1-9498
- Hong, J.D., Davis, R.F. Self-diffusion of carbon-14 in high-purity and N-doped α -SiC single crystals 1-25495
- Hong, J.D., Hon, M.H., Davis, R.F. Self-diffusion in alpha and beta silicon carbide 1-16087
- Hong, K.M. *see* Noolandi, J. 1-38238
- Hong, M., Dieterich, D.R., Wu, I.W., Morris, J.W., Jr. Microstructure and properties of A15 superconductors formed by direct precipitation 1-47832
- Hong, M., Morris, J.W., Jr. Direct solid-state precipitation-processed A 15 (Nb_3Al) superconducting material 1-43294
- Hong, S.-D. *see* Gupta, M.C. 1-11293
- Hong, S.H. *see* Tseng, T.J. 1-10643
- Hong, S.H. *see* Wilhelm, H.E. 1-2009
- Hong, S.K. *see* Goldinger, J.M. 1-26884
- Hong, Y.S., Williamson, R.F., Boo, W.O.J. Some lower valence vanadium fluorides: their crystal distortions, domain structures, modulated structures, ferrimagnetism, and composition dependence 1-13971
- Hong Anh Vo *see* Vo Hong Anh
- Hong Gao Ji *see* Ji Hong Gao
- Hong Jin Kong *see* Chang Kwon Hwangbo 1-46942
- Hong Jing-Fen *see* Jing-Fen Hong
- Hong M. Kim *see* In-Hoon Choi 1-12246
- Hong Nguyen Thi *see* Nguyen Thi Hong
- Hong Su Dong *see* Su Dong Hong
- Hong Tiem Dang *see* Dang Hong Tiem
- Hong Tuan Duong, Vialle, J.-L. Detection of optimal resonances by observation of the fluorescence from a fast atomic beam in the presence of optical pumping 1-24288
- Hong Xiaoyin *see* Pei Rongxiang 1-23332
- Hong Yan-chao *see* Wang Ang-sheng 1-22478, 1-54218
- Hong Yu *see* Yu Hong
- Hong Zhong-xiang *see* Zhao De-shan 1-27244
- Hong Zhu *see* Zhu Hong
- Hong-an Peng *see* Peng Hong-an
- Hong-bin Liu *see* Liu Hong-bin
- Hong-Da Niu *see* Niu Hong-Da
- Hong-jun Zhang *see* Zhang Hong-jun
- Hong-Lai Zhou *see* Zhou Hong-Lai
- Hong-Mo Chan *see* Chan Hong-Mo
- Hong-nan Zhou *see* Zhou Hong-nan
- Hong-qiu Song *see* Song Hong-qiu
- Hong-tu Zhai *see* Zhai Hong-tu
- Hong-Sheng Zhang *see* Zhang Hong-Sheng
- Hong-xian Huo *see* Huo Hong-xian
- Hong-zhen Jiao *see* Jiao Hong-zhen
- Hong-zhou Sun *see* Sun Hong-zhou
- Honggang Zhao *see* Zhao Honggang
- Hongju Liu *see* Liu Hongju
- Hongo, K. *see* Shirai, H. 1-6427
- Hongpan Chen *see* Chen Hongpan
- Hongxing Cao *see* Cao Hongxing
- Hongyu Wang *see* Wang Hongyu
- Hong, B. Light energy transduction in visual pigments and bacteriorhodopsin 1-13215
- Hong, B. *see* Schulten, K. 1-10715
- Hong, J.M. Concepts of order-disorder theory in the undergraduate curriculum 1-13965
- Hong, J.M. *see* Ashkenazi, J. 1-52484
- Hong, J.M. *see* Joshi, G.M. 1-30747
- Hong, J.M. *see* Kuwamoto, H. 1-12157
- Hongo, G. The road ahead for vacuum science techniques 1-14128
- Honjo, G., Yagi, K., Takayanagi, K. Ultra-high-vacuum electron microscopy of surfaces 1-20532
- Honjo, G. *see* Morita, E. 1-10050
- Honjo, G. *see* Osakabe, N. 1-2788, 1-38635
- Honjo, G. *see* Yamamoto, N. 1-39049
- Honjo, S., Connell, J.F., Sachs, P.L. Deep-ocean sediment trap; design and function of PAR-FLUX mark II 1-49416
- Honkaranta, T. *see* Chaichian, M. 1-18519
- Honkura, Y. Observations of short-period geomagnetic variations at Nakaizu. II. Changes in transfer functions associated with the Izu-Oshima-Kinkai earthquake of 1978 1-9075
- Honkura, Y., Koyama, S. Electrical conductivity structure beneath the central part of Japan as inferred from magnetotelluric fields at the Yatsugatake Magnetic Observatory 1-13384
- Honkura, Y. *see* Niblett, E.R. 1-22240
- Honle, W. *see* Contreras, J.G. 1-15883
- Honna, A. *see* Aston, D. 1-50470
- Honna, H., Komuro, H. Ionized nonequilibrium, laminar boundary layer behind a moving shock wave. II. Finite difference method of solution 1-33981
- Honna, K. *see* Eiju, T. 1-35857
- Honna, N., Kurosawa, S., Kawashima, I., Yamawaki, M., Tanaka, H. Trace analysis of uranium and thorium in LSI materials 1-26796
- Honna, S. *see* Takashima, T. 1-12119
- Honnel, C.A. *see* Chau, H.H. 1-40768
- Hons, A. *see* Cockayne, D.J.H. 1-38374
- Hons, Z. On the algorithmization of gamma-ray decay scheme building 1-45473
- Hons, Z. *see* Adam, I. 1-50507
- Hontzeas, S. *see* Losos, G.J. 1-50585
- Honusek, M. *see* Adam, I. 1-50507
- Hood, D.M. *see* Diakonou, M. 1-10256
- Hood, G.M. The vacancy properties of α -Zr 1-42377
- Hood, G.M., Schultz, R.J. Positron annihilation in Zr III 1-35114
- Hood, J.A.A. *see* Wolfenden, A. 1-31515
- Hood, J.L. Linsley *see* Linsley Hood, J.L.
- Hood, J.T. *see* Sarantides, D.G. 1-45771
- Hood, L.L., Schubert, G. Lunar magnetic anomalies and surface optical properties 1-3939
- Hood, S.T. *see* Brion, C.E. 1-6317
- Hoodless, D.J., Macdonald, I.A., Ballal, M.A., Blecher, A. A portable physiological data recording/decoding system 1-4378
- Hoof, H.A. Van *see* Van Hoof, H.A.
- Hooff, P. Van *see* Van Hooff, P.
- Hoof, G. *see* 't Hoof, G.
- Hoof, F.J. *see* de Hoog, F.J.
- Hoogendoorn, C.J. *see* Linthorst, S.J.M. 1-6862
- Hoogendoorn, C.J. *see* Schinkel, W.M.M. 1-1981
- Hoogenhof, W.W. Van *see* Van Den Hoogenhof, W.W.
- Hooghoudt, B.G. *see* Greve, A. 1-36179
- Hoogland, H. On projective bundle representations and gauge equivalence 1-5127
- Hoogland, J. Systematics of photographic lens types 1-45055
- Hoogland, W. *see* Daum, C. 1-14424, 1-14736, 1-28357
- Hoogland, W. *see* Sacharidis, E.J. 1-50469
- Hook, G. *see* Pawley, J.B. 1-23381
- Hook, W.A. Van *see* Van Hook, W.A.
- Hooker, R.L.B., Alexander, E.C., Jr., Gustafson, R.J. Temperature profiles in the Barnes Ice Cap, Baffin Island, Canada, and heat flux from the subglacial terrane 1-40143
- Hooker, W.M. *see* Motley, R.W. 1-11542
- Hooker, R.J., Mead, D.J. An apparatus for determination of the effect of mean strain on damping 1-33938
- Hooker, T.M., Jr. *see* Goux, W.J. 1-48959
- Hoong Kun Fun *see* Inoue, M. 1-47880, 1-52831
- Hooper, A. Electrical breakdown in beta-alumina ceramics 1-43070
- Hooper, A. *see* Bellamy, B.A. 1-17322
- Hooper, A. *see* Bourke, M.A.M. 1-34333
- Hooper, A.J. *see* Bolton, C.J. 1-35394
- Hooper, D. A national problem [shortage of teachers] 1-5042
- Hooper, E.C., Brunger, A.P. A model for the angular distribution of sky radance 1-21850
- Hooper, F.L. *see* Page, R.J. 1-14657
- Hooper, J. *see* Cockerill, D. 1-14742
- Hooper, J.D. Developed single phase turbulent flow through a square-pitch rod cluster 1-14575
- Hooper, R.C., Rejman, M.A.Z., Ritchie, S.T.D., Smith, D.R., White, B.R. PIN-FET hybrid optical receiver for longer wavelength optical communications systems 1-11173
- Hoose, J.F. White light AC interferometry for multiple laser path length equalization [in Omega laser fusion system] 1-28058
- Hoosier, M.E. Van *see* Van Hoosier, M.E.
- Hooton, B.W., Lees, E.W. Variable dead time counters: II. A computer simulation 1-45805
- Hooton, B.W. *see* Lees, E.W. 1-14773
- Hoots, S. *see* Beach, L. 1-10547
- Hoover, A.D. *see* Hilscher, D. 1-50639
- Hoover, G.M., O'Brien, J.T. The influence of the planted geophone on seismic land data 1-27257
- Hoover, H.L. *see* Bartholomew, R.F. 1-26193
- Hoover, W.G., Evans, D.J., Hickman, R.B., Ladd, A.J.C., Ashurst, W.T., Moran, B. Lennard-Jones triple-point bulk and shear viscosities. Green-Kubo theory, Hamiltonian mechanics, and nonequilibrium molecular dynamics 1-2669
- Hoover, W.G. *see* Holian, B.L. 1-19753
- Hoover, W.G. *see* Ladd, A.J.C. 1-47205
- Hoover, G.S., Baldwin, M.N., Eng, R.L., Welfare, F.G. Critical experiments supporting close proximity water storage of power reactor fuel 1-28595
- Hope, H., Nichols, B.G. High-speed single-crystal X-ray data collection with conventional diffractometers 1-38201
- Hope, H. *see* Rabinovich, D. 1-2418
- Hope, J.D. *see* Bjorklund, G.C. 1-50196
- Hope, P.S., Gibson, A.G., Ward, I.M. Hydrostatic extrusion of linear polyethylene: effects of extrusion temperature and polymer grade 1-16810
- Hope, R.F., III. *see* Gilmour, A.S., Jr. 1-25116
- Hope, S. *see* Laine, D.C. 1-22972
- Hopenfeld, J. Simplified correlations for the prediction of NO_x emissions from MHD power plants 1-53631
- Hopewell, J.W. *see* Reinhold, H.S. 1-26942
- Hopf, E.A. *see* Smirl, A.L. 1-6608
- Hopf, F.A. Interferometry using conjugate-wave generation 1-28055
- Hopf, F.A. Optical distortion in phase conjugation in high-gain three-wave mixing 1-29336
- Hopf, F.A., Kuper, T.G., Moore, G.T., Scully, M.O. The free-electron laser from a laser-physics perspective 1-10957
- Hopf, F.A. *see* Gibbs, H.M. 1-41769
- Hopf, H. *see* Tornøen, E. 1-14896, 1-48074
- Hopf, R. *see* Gohl-Wunsch, A. 1-52065
- Hopfe, V., Marx, G. Optimum measuring conditions for infrared reflection spectroscopic examinations of thin layers 1-26296
- Hopfenberg, H.B. *see* Ensore, D.J. 1-30568
- Hopfenberg, H.B. *see* Stannett, V. 1-52425
- Hopfield, J.J. The energy relay: A proofreading scheme based on dynamic cooperativity and lacking all characteristic symptoms of kinetic proofreading in DNA replication and protein synthesis 1-39869
- Hopfinger, A.J., Tripathy, S.K. Molecular structure calculations applied to solid state polymer physics. I. 1-52082
- Hopfinger, A.J. *see* Balik, C.M. 1-38682
- Hopfinger, A.J. *see* Ishida, H. 1-12998
- Hopfinger, J. The new programme of observations with the Danjon Astrolabe of Potsdam Geodetic-Astronomical Observatory 1-4747
- Hopfinger, J. Variation of the Chandler period at the Potsdam observatory latitudes 1-40039
- Hopgood, P. *see* Lambeck, K. 1-32342
- Hopke, P.K. *see* Alpert, D.J. 1-35727

- Hopkins, A.K., Anderson, R.H., Ready, J.F., Bennett, J.M., Archibald, P.C., Burge, D.K. Optical properties of forged CaF₂ 1-29354
- Hopkins, B.J. *see* Rawlings, K.J. 1-8170, 1-20569
- Hopkins, C. *see* Magee, T.J. 1-15916
- Hopkins, C. *see* Morkoc, H. 1-42647
- Hopkins, D.B., Baker, W.R., Berkner, K.H., Ehlers, K.W., Honey, V.J., Lietzke, A.F., Milnes, K.A., Owen, H.M. Protection and fault detection for Lawrence Berkeley Laboratory neutral beam sources 1-10537
- Hopkins, D.M. *see* Herman, Y. 1-27247
- Hopkins, F. *see* Borg, S. 1-48807
- Hopkins, G.B. *see* Kan, M.K. 1-17478
- Hopkins, G.R. *see* Noah, S.T. 1-1852
- Hopkins, J.B., Powers, D.E., Smalley, R.E. Predissociation probes of vibrational energy localization 1-41447
- Hopkins, J.B. *see* Beck, S.M. 1-1278, 1-37239
- Hopkins, R.E. Thoughts on teaching geometrical optics and lens design 1-44744
- Hopkins, R.H. *see* Rohatgi, A. 1-13130, 1-32015
- Hopkins, R.H. *see* Seidensticker, R.G. 1-3602
- Hopkinson, A.C., Lien, M.H. Theoretical study of substituent effects on the acidity of the methyl group: structure of anions CH₃X⁻ 1-41307
- Hopkirk, R.J., Lympny, S.D., Marti, J. Three-dimensional numerical predictions of impact effects 1-53
- Hopman, H.J. *see* de Haan, P.H. 1-37038
- Hopp, U. The distribution of main-sequence stars in the open cluster NGC 7789 1-13820
- Hopp, U., Witzigmann, S. Outburst photometry of the dwarf nova SS Cygni 1-32701
- Hoppe, M., Russell, C.T. Whistler mode wave packets in the Earth's foreshock region 1-9331
- Hoppe, M.G. An interpretation procedure in the magnetotelluric method of transitional processes with a sharp variation of the field 1-44108
- Hoppe, P. *see* Edlmann, M. 1-18730
- Hoppe, R. *see* Burrow, W. 1-30186
- Hoppe, R. *see* Serafini, M. 1-34318
- Hopper, D.G. An MCSF characterization of the HeH⁺ 2A₁(Σ^+) polarization state. A radiative mechanism for the production of H₂⁺ from thermal He⁺+H₂ collisions 1-6146
- Hopper, D.G. Potential energy hypersurface for the 1-II(1²B₁, 1²A') Rydberg state of the HeH₂⁺ system 1-28860
- Hopper, D.G. Analytic representation of the ground state potential surfaces for CO₂⁻ and CO₂. Implications for the O⁺+CO₂→CO₂⁺+e chemiluminescent reaction and other related processes 1-31864
- Hopper, D.G. *see* Jones, E.G. 1-39608
- Hopper, D.G. *see* Woodrow Wilson, C., Jr. 1-37127
- Hopper, G. Detector trade-offs [infrared] 1-50202
- Hopper, R.W. Ductile failure via a homogeneous strain field 1-6830
- Hopper, R.W. *see* Massalski, T.B. 1-53159
- Hopper, R.W. *see* Onorato, P.I.K. 1-30082
- Hopper, V.D. *see* Tazaka, S. 1-22654
- Hoppilliard, Y. *see* Dulic, A. 1-41519
- Hoppilliard, Y. *see* Flament, J.P. 1-51243
- Hoppin, F.G., Jr. *see* Webster, P.M. 1-17423
- Hoppmann, G. *see* Salje, E. 1-20374, 1-42705
- Hopster, H. *see* Brundlie, C.R. 1-30573
- Hora, H. Einstein's photon distribution for blackbodies and the discovery of the laser 1-17984
- Hora, H. *see* Hincley, S. 1-42422
- Hora, H. *see* Kentwell, G.W. 1-29836
- Hora, H. *see* Miley, G.H. 1-34172
- Hora, O. *see* Malek, Z. 1-44926
- Horak, A. *see* Miokowski, I. 1-3592
- Horak, J. *see* Koudelka, L. 1-3401
- Horak, J. *see* Matyas, M. 1-20772
- Horak, T.B. *see* Grygar, J. 1-40531
- Horak, W.C. *see* Guppy, J.G. 1-50809
- Horan, D.M., Kreplin, R.W. Measurements of solar EUV and soft X-ray emission during sudden frequency deviations 1-4842
- Horan, J.R. *see* Ilari, O. 1-28723
- Horani, M. *see* Beswick, J.A. 1-41445
- Horani, M. *see* Carre, M. 1-1297
- Horani, M. *see* Larzilliere, M. 1-19108
- Horanyi, S. *see* Selivanov, V.M. 1-28589
- Horas, J.A., Marchese, J., Rivarola, J.B.P. Influence of the heterogeneities of the solid on the surface diffusion of adsorbed gases 1-7456
- Horber, E. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Hord, J. Hydrogen safety: an annotated bibliography of regulations, standards and guidelines 1-13951
- Hordinsky, J.R., Gebhardt, U., Borger, H.-J., Birk, J. Orthostatic tolerance testing: comparison of LBNP and HUT methods 1-17502
- Hordosy, G., Hrehuss, G. Energy resolution and light-gain of gas proportional scintillation counters 1-23955
- Hore, P.J., McLauchlan, K.A. CIDEP in radicals undergoing electron transfer. A time-resolved flash photolysis ESR study 1-10762
- Hore, P.J., McLauchlan, K.A., Frydjaer, S., Muus, L.T. Structure in time-resolved ESR spectra 1-31876
- Horedt, G.P. Accretional heating as the major cause of compositional differences among meteorite parent bodies, the Moon, and Earth 1-22699
- Horedt, G.P. Mass loss from planetary protoatmospheres and from the protoplanetary nebula 1-36203
- Horejsi, J. Deviations from lepton universality in the decay Z→ $\nu\bar{\nu}$ in the Weinberg-Salam model 1-33148
- Horejsi, J. *see* Uehla, I. 1-49977
- Horem, J.H. Self-sustaining, low-Z wall coatings for reactors 1-23850
- Horen, D.J., Goodman, C.D., Bainum, D.E., Foster, C.C., Garde, C., Goulding, C.A., Greenfield, M.B., Rapaport, J., Taddeucci, T.N., Sugarbaker, E., Masters, T., Austin, S.M., Galonsky, A., Sterrenburg, W. Energy systematics of the giant Gamow-Teller resonance and a charge-exchange dipole spin-flip resonance 1-50568
- Horen, D.J. *see* Bertrand, F.E. 1-14502, 1-45550
- Horenstein, M.N. Computation of corona space charge and V-I characteristic using equipotential charge shells 1-20016
- Horgan, R.R. *see* Close, F.E. 1-50402
- Horgan, R.R. *see* Hasenzraft, P. 1-5604, 1-28294
- Horhold, H.-H. *see* Arnstadt, H. 1-5423
- Horhold, H.-H. *see* Klemm, D. 1-33062
- Hori, G. The satellite case of the three-body problem 1-44420
- Hori, G. *see* Yuasa, M. 1-44419
- Hori, H., Ikeda-Saito, M., Yonetani, T. Freezing induced change in ligand orientation in oxyco-balt-myoglobin 1-21982
- Hori, K. *see* Fujimura, T. 1-39262
- Hori, K. *see* Imai, H. 1-46339
- Hori, K. *see* Morimoto, M. 1-46337
- Hori, M. *see* Haga, K. 1-5952
- Hori, S. *see* Furushiro, N. 1-26494
- Hori, S. *see* Sogabe, T. 1-3745
- Hori, T., Ott, R.J., Rys, P. Sorption and diffusion of ionic dyes in anionic cellophane membranes 1-52356
- Hori, Y., Yamada, Y., Muta, T., Kato, H. A pulse width analyzer with ten channels for measuring of distribution of particle velocity 1-23193
- Horiba, A. *see* Gafford, R. 1-28078
- Horiba, T. *see* Kawana, H. 1-48832
- Horibata, T. *see* Onishi, N. 1-41067
- Horibe, M., Hosoya, A. Quantum non-Abelian gauge theory in time-dependent external fields 1-45125
- Horibe, S., Araki, T., Seki, Y., Fujita, T. Cyclic plastic behaviour of metastable Fe-30 wt.% Ni alloy at 293 and 373K 1-39375
- Horie, H. *see* Yokoyama, A. 1-41124
- Horie, K. *see* Itagaki, H. 1-46006
- Horie, M. *see* Nakajima, J. 1-18318
- Horie, T., Masuda, M., Yagawa, G., Ando, Y. Finite element analysis of thermo-fluid-mechanical behaviors of lithium cooled blanket of fusion reactor UWMAK-III 1-895
- Horig, W., Neumann, H., Godmanis, I. Ultraviolet reflectivity spectra of CuInSe₂, CuInTe₂, and CuGaTe₂ 1-12526
- Horig, W. *see* Loschke, K. 1-8031
- Horigami, O. *see* Shiraki, H. 1-52728
- Horigome, T. *see* Kamimoto, M. 1-8763
- Horiguchi, A. *see* Matsuda, J. 1-398
- Horiguchi, F. *see* Ogita, Y. 1-47673
- Horiguchi, M., Ohmori, Y., Jingui, K., Okamoto, K. Evaluation of dispersive effects on transmission bandwidths in optical fiber waveguides 1-41826
- Horiguchi, M., Ohmori, Y., Takata, H. Profile dispersion characteristics in high-bandwidth graded-index optical fibers 1-11090
- Horiguchi, M. *see* Kawachi, M. 1-33833
- Horiguchi, M. *see* Shibata, S. 1-41854
- Horiguchi, S. *see* Ninomiya, H. 1-29939, 1-41667
- Horiguchi, T. Decay of ⁸¹Sr 1-14496
- Horiguchi, T. Exact results for the diluted Ising model with competing interactions 1-52786
- Horiguchi, T., Morita, T. Concentration dependence of the NMR linewidth in the diluted Heisenberg magnets in the high-temperature limit 1-3272
- Horiguchi, T., Morita, T. Dynamical properties of the diluted Heisenberg and XY magnets at infinite temperature. I. Spin diffusion constant 1-34889
- Horiguchi, T. *see* Koyama, R. 1-44000
- Horiguchi, T. *see* Morita, T. 1-30949
- Horiguchi, T. *see* Nakanishi, S. 1-50143, 1-53513
- Horii, F. *see* Hirai, A. 1-34247
- Horii, F. *see* Ikada, Y. 1-34550
- Horikie, H., Akiba, M., Arakawa, Y., Matsuda, S., Sakuraba, J. Design and development of the coaxial duopIGatron ion source 1-23920
- Horikawa, K., Isobe, M., Shiozaki, M. Laboratory investigations on the wave and current system induced by coastal structures 1-40135
- Horikawa, T. *see* Nakamura, H. 1-4016
- Horikawa, T. *see* Unishi, M. 1-43481
- Horikawa, Y., Lenz, F., Mukhopadhyay, N.C. Final-state interaction in inclusive electromagnetic nuclear processes 1-5773
- Horikawa, Y., Thies, M., Lenz, F. The Δ -nucleus spin-orbit interaction in π -nucleus scattering 1-10326
- Horikoshi, G., Kobayashi, M. A simple analysis of outgassing process 1-50142
- Horikoshi, G. *see* Kobayashi, N. 1-23892
- Horikoshi, S. *see* Ibe, E. 1-10499
- Horikoshi, Y., Saito, H., Takanashi, Y. Simultaneous diffusion of zinc and cadmium into InAs 1-47297
- Horikoshi, Y. *see* Fukui, T. 1-26393
- Horikoshi, Y. *see* Kobayashi, N. 1-15186
- Horioaka, K. *see* Kasuya, K. 1-46285
- Horita, Z., Yoshinaga, H. Separate determination of work-hardening and softening rates during high-temperature deformation of pure aluminum 1-26551
- Horiuchi, H. A semi-classical treatment of non-local potentials 1-109
- Horiuchi, M. *see* Sato, T. 1-11252
- Horiuchi, N. *see* Ogawa, M. 1-18984
- Horiuchi, R. *see* Nozue, A. 1-53260
- Horiuchi, S. *see* Higuchi, Y. 1-24433
- Horiuchi, S. *see* Matsui, Y. 1-34369
- Horiuchi, S. *see* Tanaka, K. 1-32377
- Horiuchi, T. *see* Osamura, K. 1-21452
- Horiuchi, T. *see* Yasuabu, S. 1-11618
- Horkans, J. Effect of plating parameters on electrodeposited NiFe 1-48281
- Horkay, F., Nagy, M. Elasticity of swollen polyvinyl alcohol and poly(vinyl acetate) networks 1-53227
- Horkay, F. *see* Kovacs, J. 1-23287
- Horl, E.M., Roschger, P. CL SEM investigations of biological material at liquid helium and liquid nitrogen temperatures 1-22600
- Horley, C.C. *see* Oxley, D.P. 1-29069
- Horley, C.C. *see* Reynolds, S. 1-50286
- Horlick, G. *see* Baldes, M.W. 1-15640
- Horlitz, G. *see* Berger, C. 1-10209
- Hornadaly, J. *see* Koentzier, J. 1-34741
- Hornes, J. *see* Baig, M.A. 1-45929
- Horn, B.A., Finney, C.E., Luk, K.C. Energy and exposure rate dependences of ionization chamber and fluorescent type automatic X-ray exposure controls 1-44019
- Horn, B.K.P. Hill shading and the reflectance map 1-35930
- Horn, D. Phase structure of the Z(2) gauge and matter theory 1-28191
- Horn, D., Karliner, M., Yankielowicz, S. Self-dual renormalization group analysis of the Potts models 1-28175
- Horn, D., Kummer, M. The use of microcomputers for the automation of laboratory gas chromatography 1-31963
- Horn, D., Yankielowicz, S. Phase transitions in Z(N) gauge theories 1-5462
- Horn, D., Young, G.R., Lister, C.J., Baktash, C. High spin isomers in ¹⁵²Er 1-45390
- Horn, D., Young, G.R., Lister, C.J., Baktash, C. High spin single particle states in ^{152,153}Er 1-45408
- Horn, D. *see* Ball, G.C. 1-18558
- Horn, E., Mittag, J. Body movements and retinal pattern displacements while approaching a stationary object in the walking fly, *Calliphora erythrocephala* 1-39913
- Horn, F. *see* Fillo, J.A. 1-50944
- Horn, F.L., Fillo, J.A., Powell, J.R., Makowitz, H., Lazareth, O.W., Botts, T.E. HYFIRE blanket design 1-41238
- Horn, G. *see* Schnapp, J.D. 1-30539
- Horn, H.M. Van *see* Van Horn, H.M.
- Horn, J. *see* Harmanec, P. 1-9527
- Horn, J. *see* Kriz, S. 1-40529
- Horn, K. *see* Hermann, K. 1-3037
- Horn, K. *see* Unwin, R. 1-8200
- Horn, P.M. *see* Birgenau, R.J. 1-38648
- Horn, P.M. *see* Po-zen Wong 1-25938
- Horn, P.M. *see* Stephens, P.W. 1-25565
- Horn, P.M. *see* Voss, R.F. 1-7793
- Horn, R.A. Computer programs for output and depth dose from hyperbolic equations 1-40008
- Horn, R.A. *see* Bailly, N.A. 1-17476
- Horn, R.G., Israelachvili, J.N., Perez, E. Forces due to structure in a thin liquid crystal film 1-34221
- Horn, S. *see* Loewenhaupt, M. 1-25891
- Horn, W.F., Hummel, F.A. Axial thermal expansion of cristobalite AlPO₄ and related cristobalite solid solution phases 1-2662
- Horn, W.F., Hummel, F.A. The system BPO₄-AlPO₄-SiO₂ at 1200°C 1-26435
- Hornbogen, E. The yield stress of alloys with complex microstructure 1-31572
- Hornbogen, E. *see* Bauschke, H.-M. 1-39475
- Hornbogen, E. *see* Becker, J. 1-48450
- Horncastle, A. *see* Bauder, P. 1-14685
- Horneski, G.W. *see* Haggman, B.C. 1-135
- Horne, D. *see* Herchenroder, P. 1-31103

- Horne, D.F. *see* Allen, D.M. 1-28086
- Horne, E.P.W., Toole, J.M. Sensor response mismatches and lag correction techniques for temperature-salinity profilers 1-32542
- Horne, F.H. *see* Bradley, D.J. 1-52314
- Horne, K. Stepanyan's star: a new eclipsing cataclysmic variable 1-49677
- Horne, K. *see* Lanning, H. 1-36337
- Horne, K. *see* Millis, R.L. 1-54408
- Horne, M.P. *see* Hansen, R.J. 1-29497
- Horne, R.K. *see* Coombe, R.D. 1-46082
- Horne, R.N. On the evolution of thermal disturbances during natural convection in a porous medium 1-1969
- Horne, W.E., Day, A.C., Greigor, R.B., Milliman, L.D., Crabtree, W.L. Solar thermophotovoltaic space power system 1-48859
- Hornemann, U. *see* Schneider, H. 1-38453
- Hornemann, U. *see* Schulten, S. 1-38822
- Hornier, J. *see* Caulfield, H.J. 1-15253
- Hornier, J.L., Ludman, J.E. Holographic optical element (HOE) for demultiplexing in fiber optic systems 1-15118
- Hornier, M. *see* Saxton, W.O. 1-18342
- Hornier, R.B. *see* Stephens, C.D. 1-49220
- Hornfeldt, S. *see* Dronjak, M. 1-47176
- Hornik, Y. *see* Inspektor, A. 1-12000
- Hornreich, R.M. *see* Morgenstern, I. 1-34894
- Horney, S. *see* Lunec, J. 1-26956
- Hornstra, F., Berrill, E., Cannon, P., Corp, D., Fredrickson, D., Genge, M., Swoboda, C., Yao, N.P. Test results of computer-generated simulated driving profiles applied to near-term batteries 1-53606
- Horning, H.G., Houwing, A.F.P. Shock detachment from cones in a relaxing gas 1-29722
- Horning, R. *see* Edelmann, X. 1-39556
- Horodecki, A.J. *see* Froissart, F. 1-34816
- Horota, E. *see* Endo, Y. 1-1213
- Horowitz, B. Solitons in polyacetylene: a comment 1-2949
- Horowitz, A., Gazit, D., Makovsky, J. The growth of K_2MnCl_4 , K_2MnCl_6 and $CsMnCl_6$ from non-stoichiometric melts 1-53081
- Horowitz, G.T. *see* Geroch, R. 1-18107
- Horowitz, H.S. *see* Glaussinger, W.S. 1-38925
- Horowitz, J.M. *see* Schertel, E.R. 1-22037
- Horowitz, J.S. *see* Abelson, H. 1-48893
- Horowitz, P. *see* Aronson, M. 1-51027
- Horowitz, Y.S., Kafel-Ezra, J. Relative thermoluminescent yield of heavy charged particles: Theory and experiment 1-945
- Horrell, J.F. *see* Huettner, D.A. 1-21860
- Horricks, G. *see* Freeman, N.C. 1-40659
- Horsch, F. *see* Bayer, A. 1-5923
- Horsdal-Pedersen, E. *see* Andersen, T. 1-1137
- Horsewill, A.J. *see* Clough, S. 1-34958
- Horsley, J.A., Cox, D.M., Hall, R.B., Kaldor, A., Maas, E.T., Jr., Priestley, E.B., Kramer, G.M. Isotopic selectivity in the laser induced dissociation of molecules with overlapping absorption bands 1-10794
- Horsley, R. *see* Cvitanovic, P. 1-498
- Horsley, R. *see* Frishman, Y. 1-14241
- Horst, J.F. *see* van den van den Horst, J.F.
- Horst, R.B., Williams, L.R. Preparation and properties of high-performance $(Bi,Sb)_2(TeSe)_3$ alloys 1-53144
- Horsthemke, W., Lefever, R. A perturbation expansion for external wide band Markovian noise: application to transitions induced by Ornstein-Uhlenbeck noise 1-23115
- Horsthemke, W. *see* Kitahara, H. 1-32914
- Hortsmann, C.C. *see* Viswanath, P.R. 1-46754
- Hortsmann, K.C. *see* Berlin, G.L. 1-36079
- Hortsmann, R.E. Heat pulse propagation along the [100] and [111] directions in silicon: observation of fine splitting in group velocities of transverse modes 1-2718
- Hortsmann, R.E., Wolter, J. Gap enhancement in narrow superconducting tunnel junctions induced by homogeneous microwave currents 1-47819
- Hortsmann, R.E. *see* Wolter, J. 1-47357
- Hortacsu, M., Rothe, K.D., Schroer, B. Still more about the fermion determinant in two-dimensional QED 1-23460
- Hortacsu, M. *see* Akenzie, K.G. 1-18363
- Horton, C.A.P., Lai, J.K. Effect of specimen size on reproducibility of creep rupture test results on type 316 stainless steel weldments 1-17011
- Horton, G.K. *see* Leese, J.G. 1-35026
- Horton, G.K., Maradudin, A.A. (editor) Dynamical properties of solids, vol.4. Disordered solids, optical properties 1-36464
- Horton, G.K., Maradudin, A.A. (editor) Dynamical properties of solids, vol.3. Metals, superconductors, magnetic materials, liquids 1-40608
- Horton, M.E. *see* Gibbs, M.R.J. 1-30970
- Horton, P.W. *see* Eadie, A.S. 1-27009
- Horton, R.L., Dysinger, G.C. Melting point data for freeze protection in natural gas liquids (NGL) plants using methanol dehydration 1-44937
- Horton, W. Anomalous transport due to drift-wave turbulence 1-51952
- Horton, W. *see* Stey, G.C. 1-34070
- Horton, W. *see* Wiley, J.C. 1-19862
- Horvat, Dj., Bauman, A., Racic, J. Genetic effect of low doses of radiation in occupationally exposed workers in coal mines and in coal fired plants 1-32204
- Horvath, F. *see* Schlatter, J.G. 1-22268
- Horvath, I. *see* Elen, J.D. 1-50923
- Horvath, I. *see* Kwasnitsa, K. 1-47789
- Horvath, I. *see* Zellweger, J. 1-49125
- Horvath, J.J., Bradshaw, J.D., Winefordner, J.D. Comparison of nebulization-spray chamber arrangements for atomic fluorescence and atomic emission flame spectrometry 1-50215
- Horvath, L. *see* Szabo, A. 1-27933
- Horvath, L.L., Szorenyi, T. Low temperature electron paramagnetic studies in vanadium phosphate glasses 1-7936
- Horvath, P. *see* Moyer, V. 1-22484
- Horvath, P., Latham, G.V., Nakamura, Y., Dorman, H.J. Lunar near-surface shear wave velocities at the Apollo landing sites as inferred from spectral amplitude ratios 1-27403
- Horvath, P. *see* Szentpeteri, G. 1-17485
- Horvath, S.M. *see* Kobayashi, K. 1-21988
- Horvath, T.B. *see* Roth, W.T. 1-26909
- Horvath, Z. *see* Forgacs, P. 1-14275, 1-40938, 1-45131, 1-50015
- Horvath, Z.Gy., Kilpio, A.V., Malyutin, A.A., Serdyuchenko, Yu.N. Picosecond two-dimensional 'halo' superradiance and laser in rhodamine 6G 1-15168
- Horvath, Z.Gy. *see* Bor, Zs. 1-19331
- Horvath, Zs.J. Memory hysteresis measurements on silicon oxynitride films 1-3071
- Horvath, P. Geometric description of general mechanical systems 1-23006
- Horvath, J.A. Molybdenum spray coating of transmission synchrotron rings 1-21645
- Horwitz, B.A. *see* Schertel, E.R. 1-22037
- Horwitz, C.M., Swanson, R.M. The optical (free-carrier) absorption of a hole-electron plasma in silicon 1-12136
- Horwitz, D.N. SAM2—a spectral analysis micro-computer 1-44880
- Horwitz, D.N., Wendland, P. μ SAM2—a spectral analysis microcomputer 1-18279
- Horwitz, D.N. *see* Wendland, P.H. 1-41867
- Horwitz, J.L. *see* Baugher, C.R. 1-22635
- Horwitz, L.P., Lavie, Y., Soffer, A. Scattering theory in relativistic quantum mechanics 1-5541
- Horwitz, L.P., Sepunaru, D., Biedenharn, L.C. Quaternary quantum mechanics 1-5130
- Horwitz, L.P., Sepunaru, D., Biedenharn, L.C. Factorized hamiltonian of kinematical stability group in an octonion ideal of C_7 1-5523
- Horwitz, L.P., Soffer, A. On the existence of the wave operator in relativistic quantum scattering theory 1-5542
- Horwitz, N. *see* Bebek, C. 1-33191
- Horwitz, N. *see* Chadwick, K. 1-33192
- Horwitz, N. *see* Gottesman, S.R. 1-10260
- Horz, G. *see* Kallfass, M. 1-31796
- Hosaka, T., Okamoto, K., Sasaki, Y., Edahiro, T. Single mode fibres with asymmetrical refractive index pits on both sides of core 1-46560
- Hosaka, T. *see* Miya, T. 1-41846
- Hosbons, R.R., Vogel, W., Weick, D., Balta-Calleja, F.J. Heat treatment to improve the toughness of 12% chromium steels 1-53221
- Hosea, J. *see* Meservey, E.B. 1-24992
- Hosea, J.C. *see* Chrien, R.E. 1-46917
- Hosea, J.C. *see* Strachan, J.D. 1-45729
- Hosek, J., Truhlik, E. Disintegration of the deuteron by reactor antineutrinos and the axial meson exchange current effects 1-41104
- Hosemann, R. *see* Balta-Calleja, F.J. 1-2348
- Hosemann, R., Vogel, W., Weick, D., Balta-Calleja, F.J. Novel aspects of the real paracrystal 1-34242
- Hosemann, R. *see* Balta-Calleja, F.J. 1-34186
- Hosemann, R. *see* Steffen, B. 1-7062
- Hosemann, R. *see* Vogel, W. 1-30251
- Hosford, W.F. Incorporating work hardening in yield loci calculations 1-20305
- Hoshen, J. Percolation analog for a two-component liquid-vapor system 1-7307
- Hoshi, A. *see* Inoue, A. 1-16394, 1-16404, 1-30894, 1-52687
- Hoshi, N. *see* Kawaji, S. 1-30830
- Hoshi, R. Helium flash model for X-ray bursts 1-17863
- Hoshi, R. *see* Wada, T. 1-54559
- Hoshi, Y. *see* Asano, Y. 1-1022
- Hoshi, Y. *see* Kanda, Y. 1-35410
- Hoshi, Y. *see* Masuda, K. 1-1027
- Hoshi, Y. *see* Naoe, M. 1-8226
- Hoshi, Y. *see* Takahashi, T. 1-21269
- Hoshikawa, M. *see* Tanaka, S. 1-11124, 1-11148
- Hoshikawa, M. *see* Yoshioka, N. 1-11199
- Hoshina, T. Recent advances in phosphor research 1-19398
- Hoshina, T. *see* Kawai, H. 1-48311
- Hoshina, T. *see* Kubonwa, S. 1-26280
- Hoshino, H., Endo, H. Pressure effect on the concentration fluctuation in liquid sodium-gallium mixtures 1-20403
- Hoshino, H., Tamura, K., Hosokawa, S., Suzuki, K., Misonou, M., Endo, H. Pressure effect on the properties of liquid Bi-BiBr₃ mixtures near the miscibility gap [metal-nonmetal transition] 1-25772
- Hoshino, H. *see* Kawamura, J. 1-38583
- Hoshino, H. *see* Misonou, M. 1-30908
- Hoshino, H. *see* Mushiage, M. 1-30376
- Hoshino, H. *see* Yao, M. 1-25771
- Hoshino, K. Entropy of mixing of liquid binary alloys 1-7338
- Hoshino, K. Theory of segregation at the surface of alloys—effect of the surface phonon softening 1-47352
- Hoshino, K., Iijima, Y., Hirano, K. Interdiffusion and Kirkendall effect in Cu-Sn alloys 1-11921
- Hoshino, K., Young, W.H. On the entropy of mixing of the liquid Na-Pb alloy 1-30394
- Hoshino, K., Young, W.H. Entropy of liquid pseudobinary alloys 1-30397
- Hoshino, K. *see* Takaza, S. 1-22654
- Hoshino, K. *see* Tiwari, G.P. 1-2672
- Hoshino, K. *see* Ushida, N. 1-546
- Hoshino, S., Kumashiro, Y., Takano, S. Power spectrum analysis of quantum oscillations of the velocity of sound in antimony 1-47438
- Hoshino, S. *see* Fujii, Y. 1-28148
- Hoshino, T. *see* Nakamura, K. 1-52621
- Hoshino, T. *see* Suzuki, K. 1-52402
- Hoshino, Y. Conductivity mechanism in magnetic brush developer 1-45050
- Hoshino, Y. *see* Miyake, A. 1-37373
- Hoshizaki, N. *see* Hashimoto, K. 1-41004, 1-45338
- Hosken, J.W.J. *see* Safar, M.H. 1-22509
- Hoskin, M. Herschel's determination of the solar apex 1-32633
- Hoskins, B.J. *see* Simmons, A.J. 1-49333
- Hoskins, C.S., Smith, E.R. Effects of periodic boundary conditions on simulations of ionic systems 1-11661
- Hoskins, H. *see* Tapscott, C.R. 1-9143
- Hoskins, L.C. Resonance Raman excitation profiles of lycopene 1-45970
- Hosler, W.R. *see* Negas, T. 1-16745
- Hosline, R. *see* Etcheber, H. 1-27207
- Hosoe, H. *see* Iida, T. 1-14843
- Hosoi, N. *see* Shinjo, T. 1-26085
- Hosokawa, I. *see* Yamamoto, K. 1-37878
- Hosokawa, K. *see* Tsuru, Y. 1-48694
- Hosokawa, M. Theoretical model for the phase transition of a membrane as a multicomponent system 1-43855
- Hosokawa, M. *see* Mackawa, H. 1-43847
- Hosokawa, M. *see* Okubo, K. 1-46902
- Hosokawa, N., Konishi, A., Hiratsuka, H., Annoh, K. Preparation and properties of carbon films with magnetron sputtering 1-21349
- Hosokawa, N. *see* Kitahara, H. 1-30584
- Hosokawa, N. *see* Konishi, A. 1-31347
- Hosokawa, S. *see* Hoshino, H. 1-25772
- Hosoki, S. *see* Futamoto, M. 1-39226
- Hosono, H., Kawazoe, H., Kanazawa, T. ESR of Cu^{2+} and Ti^{2+} in thallium borate glasses 1-38973
- Hosono, H. *see* Kawazoe, H. 1-3242
- Hosotani, Y. *see* Eguchi, T. 1-14245
- Hosoya, A. *see* Horie, M. 1-45125
- Hosoya, H. *see* Osamura, Y. 1-1073
- Hosoya, S. *see* Morlon, B. 1-34190
- Hosoya, S. *see* Ohyanagi, H. 1-42304
- Hosoya, S. *see* Sakamaki, T. 1-407
- Hosoya, S. *see* Shimomura, O. 1-35121
- Hosoya, Y., Satoh, K., Nagatsu, T. Propagation characteristics on slant paths in 20 and 30 GHz bands 1-4598
- Hosoya, Y., Satoh, K., Nagatsu, T., Morita, K. Propagation characteristics on slant paths [satellite communications] 1-4565
- Hosopers, J., Holthe, J. Salt tectonics in block 8/8 of the Norwegian sector of the North Sea 1-17575
- Hossain, D. Electron spin resonance studies of doped magnesium oxide 1-34934
- Hossain, M.D. Energy levels in ^{59}Cu 1-45426
- Hossain, M.D. *see* Thorp, J.S. 1-12390, 1-31018, 1-47938
- Hosso, M. *see* Tarnoczi, T. 1-3179
- Hosson, J.T.H.M. *see* de see de Hosson, J.T.H.M.
- Hosson, J.T.H.M. *see* de see de Hosson, J.T.H.M.
- Hostler, L.C., Repko, W.W. Bethe-Salpeter equation with instantaneous harmonic oscillator exchange 1-50297
- Hot, J.P., Durou, C. System for the automatic analysis of interferograms obtained by holographic interferometry 1-19292
- Hot, J.P. *see* Guerry, J. 1-17245
- Hota, N.K. *see* Carlone, C. 1-52911
- Hotate, K., Yoshida, Y., Higashiguchi, M., Niwa, N. Rotation detection by optical fibre laser gyro with easily introduced phase-difference bias 1-24499

- Hotchkiss, G.B., Simon, F.F., Burmeister, L.C. Spectral effects of direct solar irradiance absorbance of five collector coatings 1-21919
- Hotchkiss, M. see Däum, C. 1-28357
- Hotchkiss, M.J. see Berglund, A. 1-36881
- Hoth, S., Engel, W., Keitel, R., Klinger, W., Seeböck, R., Witthuhn, W. The effect of temperature and concentration on the electric field gradient in binary indium alloys 1-52536
- Hotkher, K., Bieger, W., Hartwig, H., Hintz, E., Koizlik, K. Plasma-induced arcs in an RF-discharge 1-25088
- Hotokka, M. see Lohr, L.L., Jr. 1-1114
- Hotop, R., Niemax, K., Richter, J., Weber, K.-H. Thermionic detection of the ionic fragments of continuum-state pair absorption systems 1-41356
- Hotston, E.S. see Erents, S.K. 1-25056
- Hotston, E.S. see Harrison, M.F.A. 1-29846
- Hotston, E.S. see Underwood, M.C. 1-26333
- Hotta, H. see Asano, S. 1-4474
- Hottentot, D., Loopstra, B.O. The structure of calcium orthotellurite 1-34301
- Hottovy, J.D., Chen, W.L., Kohn, J.P., Luks, K.D. Effect of nitrogen presence on solid solubility of normal paraffins in liquid ethane 1-47245
- Hotz, H.B. see Klorer, A.J. 1-40401
- Hou, M. see Bhaskar, N.D. 1-24225
- Hou Chao-Yang Study of growth habit of LiTaO₃ single crystals 1-2382
- Hou Zhenjing, Chen Mufa Markov processes and field theory 1-36569
- Hou-mei Zhang see Zhang Hou-mei
- Houard, J.-C. An integral formula for cocycles of Lie groups 1-10098
- Houbrechts, Y., Dubois, I., Bredohl, H. New analysis of the B-X and C-X systems of SiF₄ 1-1251
- Houck, B.A. see Akaka, W.H. 1-44053
- Houck, J. see Molinar, G.F. 1-50095
- Houck, J.R., Forrest, W.J., McCarthy, J.F. Medium-resolution spectra of M82 and NGC 1068 from 16 to 30 microns 1-49810
- Houck, J.R. see Forrest, W.J. 1-13835
- Houck, J.R. see McCarthy, J.F. 1-49835
- Houck, L.L., Nordman, J.E. Superconductive tunneling into Nb₃Sn with barriers formed by RF oxidation 1-47814
- Houdart, R. see Bernage, P. 1-46451
- Houde, D., Cheeke, D. Acoustic mode softening in K₂Pt(CN)₄Br₆·3H₂O (KCP) 1-47144
- Houde, D. see Cheeke, J.D.N. 1-16010
- Houdeville, R. see Cousteix, J. 1-6849
- Houf, W.G. see Wagner, T.R. 1-29217
- Houfani, M. see Lambert, P. 1-40133
- Hougen, J.T., Oka, T. Vibrationally induced nuclear quadrupole coupling in tetrahedral and octahedral molecules 1-51226
- Hough, D.B., White, L.R. The calculation of Hamaker constants from Lifshitz theory with applications to wetting phenomena 1-53476
- Hough, D.H. see Burns, J.O. 1-40555
- Hough, J.H. see McCall, A. 1-9489
- Houghton, A., Kenway, R.D., Ying, S.C. Effects of a random symmetry-breaking field on topological order in two dimensions 1-33110
- Houghton, A., Ogilvie, M.C. A field theory of dislocation mediated melting in two dimensions 1-20360
- Houghton, A., Schafer, L., Wegner, F.J. Two-particle spectral function and AC conductivity of an amorphous system far below the mobility edge: a problem of interacting instantons 1-20693
- Houghton, A. see Mau-chung Chang 1-42597
- Houghton, J.S., Lawson, A.C. Superconductivity of Th(Ru₂O₈) alloys 1-38878
- Houghton, W.M. see Whitlock, C.H. 1-44213
- Houk, N. Future objective-prism spectral classification at MK dispersion 1-49625
- Houk, N., Fesen, R. HR diagrams derived from the Michigan spectral catalogue 1-17828
- Houk, R.S., Fassel, V.A., Flesch, G.D., Svec, H.J., Gray, A.L., Taylor, C.E. Inductively coupled argon plasma as an ion source for mass spectrometric determination of trace elements 1-50259
- Houk, T.L. see Young, E.R. 1-12468
- Houlberg, W.A. see Milora, S.L. 1-33346
- Houlbert, C. see Nicholas, R.J. 1-3010
- Houlbert, C. see Armstrong, I. 1-10254
- Houlden, M.A. see Costa, G. 1-23516
- Houlden, M.A. see Di Gennaro, V. 1-5660
- Houlden, M.A. see Evangelista, C. 1-23515, 1-45354
- Houle, E.H. see Stenzel, R.A. 1-48794
- Houmoller, A. see Norskov, J.K. 1-42633
- Hounam, I. STER - a global energy supply model 1-39716
- Houng, M.-P. see Chen, J.-R. 1-38676
- Houng, Y.M., Morkoc, H. Growth by liquid phase epitaxy and evaluation of submicron InGa_{1-x}As_xP_{1-y} layers for microwave field effect transistors 1-2845
- Housfield, G.N. Computed medical imaging 1-53890
- Houpis, H.L.F., Mendis, D.A. Physicochemical and dynamical processes in cometary ionospheres. I. The basic flow profile 1-9420
- Houpis, H.L.F., Mendis, D.A. On the development and global oscillations of cometary ionospheres 1-54420
- Hourani, E. see Fortier, S. 1-5696, 1-10322
- Hourani, E. see Riepe, G. 1-23949
- Houriez, J. see Schuffenecker, L. 1-47257
- House, A.S. see Cohen, J.R. 1-29478
- House, L., Boatwright, J. Investigation of two high stress drop earthquakes in the Shumagin seismic gap, Alaska 1-44115
- House, P.A. see Duncan, J.E. 1-23817
- House, P.W., Williams, E.R. Environment/energy tradeoffs as a process. The development of a policy analysis screening system (PASS) 1-39724
- Houseman, B.L. see Conant, D.R. 1-7314
- Houser, C.A., Herman, J.S., Tsong, J.S.T., White, W.B., Lanford, W.A. Sodium-hydrogen interdiffusion in sodium silicate glasses 1-20477
- Houser, C.A. see Tsong, I.S.T. 1-30488
- Houser, M.J. Particle field diagnostics. Applications of intensity ratioing, interferometry, and holography 1-28050
- Housin, M., Bastide, G., Sagnes, G., Rouzeure, M., Champness, C.H., El-Azab, M.I. A study of the deep carrier traps in a Te-Se-Cd rectifying structure 1-7635
- Houssin, R. see Gors, C. 1-30216
- Houston, J.E., Rye, R.R. Auger electron spectra of the cycloalkanes C₃ through C₆ 1-37269
- Houston, J.E. see Rye, R.R. 1-37268
- Houston, P., Pottinger, D. Gluon condensation for arbitrary colour gauge groups 1-18431
- Houston, P.A. see Benson, T.M. 1-51639
- Houston, P.L. see Plum, C.N. 1-46038
- Houston, P.L. see Roellig, M.P. 1-37278
- Houston, S. see Ramsdell, J.V. 1-31980
- Houston Miller, J., Andrews, L., Lund, P.A., Schatz, P.N. Argon matrix photolysis and photoionization studies of benzene. Absorption spectrum of benzene cation and benzene dimer cation 1-37177
- Hout, K.D. Van Den see Van Den Hout, K.D.
- Houten, F.B. Van see Van Houten, F.B.
- Houtgast, T., Steeneken, H.J.M., Plomp, R. Predicting speech intelligibility in rooms from the modulation transfer function. I. General room acoustics 1-1777
- Houtgast, T. see Plomp, R. 1-1778
- Houtman, H. see Hilko, B. 1-7003
- Houtsma, A. Comment on 'Is pitch a learned attribute of sounds? Two points in support of Terhardt's pitch theory' [J. Acoust. Soc. Am. 66, 1210 (1979)] 1-29479
- Houtte, D. Van see Van Houtte, D.
- Houtte, D. Van see Van Houtte, D.
- Houtte, P. Van see Van Houtte, P.
- Houtte, P. Van see Van Houtte, P.
- Houtz, R.E. Seafloor and near-surface sound velocities from Barents Sea sonobuoy data 1-13447
- Houtz, R.E. Comparison of velocity-depth characteristics in western North Atlantic and Norwegian Sea sediments 1-15310
- Houzer, J.C. see Brenot, J.C. 1-41284
- Houwing, A.F.P. see Horning, H.G. 1-29722
- Houwink, R., van der Vooren, J. Improved version of LTRAN2 for unsteady transonic flow computations 1-19739
- Houzey, F., Guichar, G.M., Pinchaux, R., Thiry, P., Petroff, Y., Dagneux, D. Angle-resolved photoemission of the Si(111) 7×7 surface 1-8196
- Houzey, F. see Guichar, G.M. 1-52620
- Hov, O. see Derwent, R.G. 1-53731
- Hove, M. Van see Van Hove, M.
- Hove, M.A. Van see Van Hove, M.A.
- Hove, M.A. Van see Van Hove, M.A.
- Hove, M. Van see Van Hove, M.
- Hovel, H.J., Woodall, J.M. Ohmic contact to GaAs semiconductor [solid cell technology] 1-39776
- Hovel, H.J. see Lanza, C. 1-13118
- Hoven, G. Van see Van Hoven, G.
- Hoven, H. see Ali-Khan, I. 1-37002
- Hoven, H. see Blumenkamp, H.J. 1-48639
- Hoven, H. see Blumenkamp, H.-J. 1-21687
- Hoven, H. see Inspektor, A. 1-12000
- Hoverson, S. see Taussig, R.T. 1-48853
- Hovestadt, D. see Blake, J.B. 1-40273
- Hovestadt, D. see Klecker, B. 1-40287
- Hovestadt, D. see Ma Sung, L.S. 1-40272
- Hovestadt, D. see Mason, G.M. 1-9448
- Hovestadt, D. see Mobius, E. 1-17741
- Hovestadt, D. see Scholer, M. 1-9327
- Hovey, G.K. see Shaw, H.E. 1-50839
- Hovey, J. see Meservey, E.B. 1-24992
- Hovey, J. see Strachan, D.J. 1-45729
- Hovey, R.L., Cote, D. Implementation of an advanced data communications control procedures (ADDCP) network by National Weather Service 1-40182
- Hovi, V. see Jaakkola, S. 1-16068
- Hovingh, J., Thomson, S., Blink, J.A. Fluid mechanics considerations for liquid wall inertially confined fusion reactors 1-10540
- Hovingh, J. see Pitts, J.H. 1-10541
- Hovis, F.E. see Lienfield, H.V. 1-51468
- Hovis, W.A., Clark, D.K., Anderson, F., Austin, R.W., Wilson, W.H., Baker, E.T., Ball, D., Gordon, H.R., Mueller, J.L., El-Sayed, S.Z., Sturm, B., Wrigley, R.C., Yentsch, C.S. Nimbus-7 Coastal Zone Color Scanner: system description and initial imagery 1-54282
- Hovis, W.A. see Gordon, H.R. 1-54144
- Hovmoller, S. A fast and accurate way of aligning X-ray cameras 1-29974
- Hovmoller, S. A general rule for origin specification in any space group 1-34184
- Howard, A.M. see Anderson, C.J. 1-1358
- Howard, B.J. see Hutson, J.M. 1-33375, 1-33446
- Howard, C.J. see Boucherle, J.X. 1-47859
- Howard, C.J. see Connell, P.S. 1-44239
- Howard, G., Griffith, D.W., Stump, D.A., Hinselwood, L. A mobile device for measuring regional cerebral circulation [using ¹³³Xe] 1-27000
- Howard, H.T. see Simpson, R.A. 1-22677
- Howard, I.C. Models of the reduction of fracture toughness due to hydrogen in strong steels 1-43518
- Howard, J. see Raju, M.R. 1-43914, 1-43915
- Howard, J. see Tenforde, T.S. 1-8922
- Howard, J.K. Metallization system for electromigration improvement 1-16102
- Howard, J.K. Diffusion barrier for high E dielectric process 1-16684
- Howard, J.K., Reith, T.M. Stoichiometric oxide deposition of improved dielectric films 1-48257
- Howard, M.W. see Cooney, R.P. 1-28976
- Howard, R., LaBonte, B.J. A search for large-scale convection cells in the solar atmosphere 1-9444
- Howard, R.A. see Koomen, M.J. 1-13756
- Howard, R.A. see Michels, D.J. 1-4900
- Howard, R.A. see Poland, A.J. 1-54466
- Howard, R.E., Hu, E.L., Jackel, L.D., Fetter, L.A. Nonlatching Josephson interferometer made with small-area junctions 1-47817
- Howard, R.E. see Craighead, H.G. 1-17239, 1-47266
- Howard, R.E. see Hu, E.L. 1-43546
- Howard, R.E. see Van Dover, R.B. 1-38896
- Howard, R.J. see Wronski, A.S. 1-35338, 1-35385
- Howard, S.J. Method for continuing Fourier spectra given by the fast Fourier transform 1-37423
- Howard, T.J. see Jaffrey, D. 1-48493
- Howard, W.E., III see Fairchild, P.W. 1-6230
- Howarth, H., McKenzie, T.N., Routh, M.W. An improved pneumatic concentric nebulizer for atomic absorption. I. Design and performance 1-50217
- Howarth, I.D., Wilson, R., Carter, B.S., Menzies, J.W., Roberts, G., Whitlock, P.A., van Dessel, E.L., de Loore, C., Burger, M., Sandford, M.C.W. IUE and optical observations of V 861 Scorpii 1-40523
- Howarth, L. see Loschke, K. 1-8031
- Howarth, O.W. ¹³C nuclear magnetic resonance study of molecular motions in natural rubber 1-47963
- Howden, H. Production of optical correction plates for projection television 1-6633
- Howe, A.T. see Childs, P.E. 1-26400
- Howe, A.T. see Stephen, P.M.S. 1-34514
- Howe, A.T. see Wing, Y. 1-30457
- Howe, C.M. see Trizna, D.B. 1-13475
- Howe, D.A., Walls, F.L., Bell, H.E., Hellwig, H. A small, passively operated hydrogen maser 1-24382
- Howe, D.G., Gubser, D.U., Francavilla, T.L. Recent developments on processing and properties of V₂Ga composite wires 1-53129
- Howe, D.J. see Bunker, P.R. 1-24110
- Howe, H.C. Hydrogen recycle modeling and measurements in Tokamaks 1-25022
- Howe, H.C. see Milora, S.L. 1-33346
- Howe, H.J., Jr. see Lind, K.E. 1-6027
- Howe, I. see Szulejko, J.E. 1-29111
- Howe, L.M. see Matsunami, N. 1-52199
- Howe, L.M. see Swanson, M.L. 1-11793, 1-20282
- Howe, M.S. On the unsteady, wake induced lift on a slotted airfoil 1-1989
- Howe, M.S. Aerodynamic sound generated by a slotted trailing edge 1-6852
- Howe, M.S. The role of displacement thickness fluctuations in hydroacoustics, and the jet-drive mechanism of the flue organ pipe 1-37960
- Howe, N.A. see Rithalia, S.V.S. 1-53920
- Howe, R.A. see Cummings, S. 1-7070
- Howe, R.A. see Newport, R.J. 1-20696
- Howe, R.C. see Welch, E.B. 1-4225
- Howe, S.K. see Primini, F.A. 1-49830
- Howe, W.D. see Barr, P. 1-839
- Howell, D. Your solar energy home. Including wind and methane applications 1-17185
- Howell, D.K. see Benight, A.S. 1-35755
- Howell, D.L. see Colver, G.M. 1-19793
- Howell, E. see Bus, S.J. 1-32642
- Howell, G.P. see Morley, C.L. 1-1951, 1-11223
- Howell, J.R. see Alexander, W. 1-48801

- Howell, P.G.T., Boyde, A. The use of an X-Y digitizer in SEM photogrammetry 1-23380
- Howell, P.R. see Ricks, R.A. 1-31418
- Howell, R.H. Positron-lifetime study of copper irradiated by d-T fusion neutrons 1-2529
- Howell, R.H. see Fortner, R.J. 1-8160
- Howell, R.H. see Lahkavani, F. 1-35596
- Howell, R.H. see Lanier, R.G. 1-41110
- Howell, R.H. see Schulte, D.W. 1-35700
- Howells, E., Norton, E.T. Location of partial discharge sites in on-line transformers 1-37698
- Howells, M.R. Plane grating monochromators for synchrotron radiation 1-23388
- Howells, M.R. Beam line design for synchrotron spectroscopy in the VUV 1-28072
- Howells, S., Cridland, H.V., Derrick, R.H. A medium PRF UV preionized TEA CO₂ laser 1-41722
- Howells, W.S. see Cummings, S. 1-7070
- Howells, W.S. see Heidemann, A. 1-33366
- Hownton, R.J. see Hansen, L.F. 1-10440
- Howes, M.A.H. see Bhattacharyya, S. (editor) 1-9781
- Howes, R. Spatial ability, sexism and society 1-5043
- Howes, S.F. see Osborn, T.A. 1-27830
- Howie, A. see Freeman, L.A. 1-14213
- Howie, R.A. see Glasser, L.S.D. 1-42341
- Howlett, D.J.B. see Barton, A.E. 1-19089
- Howley, P. see Wall, T.F. 1-24858
- Howng, W.-Y., Thorn, R.J. Relation among X-ray photoelectron intensities, cross sections and kinetic energies in insulating solids 1-8186
- Howorka, F. see Kuen, I. 1-51290
- Howson, R.P. see Bishop, C.A. 1-12002
- Howson, T.E., Mervyn, D.A., Tien, J.K. Creep and stress rupture of a mechanically alloyed oxide dispersion and precipitation strengthened nickel-base superalloy 1-12809
- Howson, T.E., Stulga, J.E., Tien, J.K. Creep and stress rupture of oxide dispersion strengthened mechanically alloyed Inconel alloy Ma 754 1-12808
- Howson, T.E. see Ajaja, O. 1-3900
- Howson, T.E. see Tien, J.K. 1-48244
- Hoye, G.S. see Evans, M.E. 1-53969
- Hoye, J.S., Olaisen, K. Statistical mechanical model with chemical reaction 1-27859
- Hoye, J.S., Olaisen, K. Equilibrium properties and the phase transition of the two-dimensional Coulomb gas 1-27907
- Hoyen, H.A., Jr., Tan, Y.T. Subsurface space charge and surface charge in AgBr micro-spheres 1-47080
- Hoyer, H.W., Chow, M., Gary, V. Differential scanning calorimetry studies on the dehydration of deoxyribonucleic acid and polyadenic acid 1-48963
- Hoyer, P. see Cvitanovic, P. 1-36845
- Hoyer, W., Thomas, E., Wobst, M. Some problems in the evaluation of X-ray diffraction data for smelting 1-11638
- Hoyer, W., Thomas, E., Wobst, M. Structure investigation on liquid gallium 1-30047
- Hoyle, C.D. see Adelberger, E.G. 1-50555
- Hoyle, F. Comets - a matter of life and death 1-9423
- Hoyle, F., Wickramasinghe, N.C. Organic material and the 2.5-4 μ m spectra of galactic sources 1-13824
- Hoyle, F., Wickramasinghe, N.C. Dry polysaccharides and the infrared spectrum of OH 26.5 \pm 0.6 1-13826
- Hoyng, P., Duijveman, A., van Grunsven, T.F.J., Nicholson, D.R. Impulsive electron acceleration to energies of tens of kTe by Langmuir wave turbulence 1-27368
- Hoyng, P. see van Grunsven, T.F.J. 1-27367
- Hoyt, J.W. Effect of ferric ions on drag reduction effectiveness of polyacrylamide 1-46815
- Hozack, R.S. see Szmanda, C.R. 1-41489
- Hozumi, K. see Zakay, V. 1-1932
- Hozza, V. see Grone, R. 1-50275
- Hradsky, S., Ruzinsky, M., Bestvina, S. Electrical properties of thin layer structures Al-CdTe-Al by DC voltage 1-3077
- Hrdina, M. see Neuzil, L. 1-38010
- Hrebik, J. see Zentko, A. 1-47847, 1-47863
- Hrehuss, G. see Hordosy, G. 1-23955
- Hribar, M. see Kodre, A. 1-1161
- Hrico, G.J. see Kalinowski, J.E. 1-14670
- Hrisafovic, N., Ledey, J.P. Study on the fracture mechanics phenomena in the Ariane program 1-36156
- Hrisoho, A. see Boucrot, J. 1-1039, 1-14784
- Hristov, H.A. see Apostolov, A.V. 1-30937
- Hrivnak, L. A note on the utilization of the Poole-Frenkel effect for the determination of the shape of trap potential well 1-12118
- Hrivnak, L. Current induced transition from a high resistivity to a low resistivity state in semiconductors 1-20828
- Hrivnak, L., Dubeky, F. The temperature and compensation dependence of the threshold voltage for switching effect due to the Poole-Frenkel and screening effects with application to chromium doped GaAs structures 1-20751
- Hrjaszov, N.A. see Anajev, V. 1-28690
- Hrma, P. The similarity of electro-thermo-mechanical processes in modelling of glass melting 1-30366
- Hrma, P. see Pitra, J. 1-8463
- Hromadka, T.V., II, Guyom, G.L. Some effects of linearizing the unsaturated soil moisture transfer diffusivity model 1-40150
- Hron, M., Lelek, V., Bardos, J., Osmera, B., Kadlec, V. Neutronic research using inserted zones 1-5828
- Hrouz, J., Vojta, V., Ilavsky, M. Penetration behavior of the system sphere-cylinder 1-47146
- Hrovat, M.I., Wade, C.G. Absolute measurements of diffusion coefficients by pulsed nuclear magnetic resonance 1-3291
- Hrubá, M. see Exnar, P. 1-6909
- Hruska, J. Record of observations at Ottawa Magnetic Observatory July 1968 to December 1969 1-40061
- Hruska, L.W., Savinell, R.F. Investigation of factors affecting performance of the iron-redox battery 1-48815
- Hryniewicz, Z. Vibration of a rigid body on an elastic half-plane 1-6810
- Hryniewicz, Z. Dynamic response of a rigid strip on an elastic half-space 1-51721
- Hseuh, H.C. see Loveland, W. 1-41090
- Hseuh, H.-C., Franz, E.-M., Haustein, P.E., Katcoff, S., Peker, L.K. Decay of 14.1-h ²⁴⁰U and 7.22-min ²⁴⁰Np^m 1-50549
- Hsieh, Y. see Niedermeyer, H. 1-25040
- Hsi-Ping Liu see Kosloff, D.D. 1-35976
- Hsia, J. see Klimke, D. 1-37484
- Hsia, J.C. see Duzý, C. 1-12606
- Hsia, J.C. see Jacob, J.H. 1-10988, 1-37271
- Hsia, J.J., Weidner, R. Reflectance properties of pressed tetrafluoroethylene powder 1-26183
- Hsiang Wang see Wang Hsiang
- Hsiao, L. The entropy rate admissibility criterion in gas dynamics 1-44864
- Hsiao, S.V., Shemdin, O.H. Interaction of ocean waves with a soft bottom 1-17603
- Hsiao, S.V. see McLeish, W. 1-13601
- Hsiao, S.V. see Pawka, S.S. 1-13479
- Hsiao, S.V. see Shemdin, O.H. 1-13480
- Hsiao, S.V. see Vesceky, J.F. 1-13478
- Hsiao Cheng-Kuo see Cheng-Kuo Hsiao
- Hsiao Chi-mei see Chi-mei Hsiao
- Hsiao-Wen Tsao see Tsao Hsiao-Wen
- Hsieh Erh-Yu see Erh-Yu Hsieh
- Hsieh, C.K. A methodology of predicting cavity geometry based on scanned surface temperature data - prescribed surface temperature at the cavity side 1-24656
- Hsieh, C.K. Critical thickness of insulation of a square cross section 1-29517
- Hsieh, D.Y., Ho, S.P. Rayleigh-Taylor stability with mass and heat transfer 1-51740
- Hsieh, E.J. see Meyer, S.F. 1-12655
- Hsieh, H.C. Effect of hot electrons on microwave and submillimeter wave transmission through an InSb slab in the Faraday configuration 1-25751
- Hsieh, J.J. Liquid-phase epitaxy 1-48285
- Hsieh, S.-H. see Canuto, V. 1-49863
- Hsieh, S.T., Wang, M.C., Chuu, D.S. Calculations on negative-parity states in the nuclei of A=36-40 1-36906
- Hsieh, S.Y., Danby, G., Powell, J.R., Bezler, P., Gardner, D., Laverick, C., Finkelman, M., Brown, T., Bundy, J., Balders, T., Zatz, I., Verzera, R., Herberman, R. A maintainable superconducting magnet system for Tokamak fusion reactors 1-45736
- Hsieh, S.Y., Laverick, C., Powell, J.R., Reich, M. Safety and reliability in superconducting fusion magnet systems 1-37014
- Hsieh, T.C. see Liu, Y.Y. 1-41165
- Hsieh, Y.K., Yang, S.C., Tam, A.C., Verma, K.K., Stwalley, W.C. The RKR potential energy curves for the X² Σ^+ and A² Σ^+ states of RbH 1-24183
- Hsieh, Y.K. see Yang, S.C. 1-24063
- Hsieh Ching-Tzong see Ching-Tzong Hsieh
- Hsieh Hung-Hui see Hung-Hui Hsieh
- Hsieh Jaw Jim see Jaw Jim Hsieh
- Hsieh Tacheng see Tacheng Hsieh
- Hsien Wang Ou On the propagation of free topographic Rossby waves near continental margins. I. Analytical model for a wedge 1-32457
- Hsing-Hen Chen see Nakamura, A. 1-49944
- Hsiung, S.-K. see Chen, J.-R. 1-38676
- Hsiung Chen Chun see Chun Hsiung Chen
- Hsiung Chen Mau see Mau Hsiung Chen
- Hsu, C.C. see Kiang, L.L. 1-5736
- Hsu, C.C. see Wang, C.W. 1-5735
- Hsu, C.H., Gillis, P.P., De Angelis, R.J. High temperature sulfidation of six alloys 1-43611
- Hsu, C.J., Shier, W.G., Levine, M.M. OTSG modeling for the analysis of the TMI incident 1-10493
- Hsu, C.J. see Lu, M.S. 1-28677
- Hsu, C.T., Cheng, P. The onset of longitudinal vortices in mixed convective flow over an inclined surface in a porous medium 1-37943
- Hsu, D.S.Y., Lin, M.C. Dynamics of the quenching of Na (3P_j) by CO (X² Σ^+ , v=0) 1-1331
- Hsu, D.S.Y., Manuccia, T.J. Carbon isotope enrichment by retention of isotopic excitation selectivity in VV ladder climbing collisions 1-14857
- Hsu, F. see Solomon, A.A. 1-3680
- Hsu, F.H., Vance, E.R. Positron annihilation lifetime spectral changes on dehydration of natural berylls and cordierites 1-16624
- Hsu, F.H. see Mallard, W.C. 1-3530
- Hsu, F.H. see Spooner, S. 1-53184
- Hsu, F.H. see Vance, E.R. 1-52175
- Hsu, F.S.L. see Andres, K. 1-25432
- Hsu, H.H. see Pratt, J.C. 1-18762
- Hsu, H.K. see Barber, D. 1-14407
- Hsu, H.K. see Barber, D.P. 1-534
- Hsu, J.P. Gravitational matter-antimatter asymmetry and four-dimensional Yang-Mills gauge symmetry 1-50022
- Hsu, J.Y., Chiu, S.C. Nonlinear enhancement of second-harmonic cyclotron damping 1-15619
- Hsu, J.Y., Chiu, S.C., Chan, V.S. Scattering of high frequency waves due to density fluctuations 1-6962
- Hsu, K.C. see Chen, D.M. 1-34165
- Hsu, L., Stetson, A.R. Evaluation of the mechanical properties and environmental resistance of Rene 125 and X-40 superalloys coated with controlled composition reaction-sintered Co-Ni-Cr-Al-Y 1-31762
- Hsu, M.C. see Mullens, J.A. 1-818
- Hsu, P.-C., Tseng, C.-L., Weng, P.-S. The ambient gaseous effect on the self-dosing of CaSO₄:Dy 1-18965
- Hsu, P.E. see Raymond, T. 1-32080
- Hsu, P.Y., Miller, L.G., Longhurst, G.R., Masson, L.S., Kulcinski, G.L. An approach to testing fusion components in existing nuclear facilities 1-41240
- Hsu, S.C. Rapid melting and solidification of a surface due to a stationary heat flux 1-3722
- Hsu, S.L. see Shu, P.H.C. 1-15816
- Hsu, S.L. see Wang, Y.K. 1-52250
- Hsu, S.T. Low frequency excess noise in SOS MOS FETs 1-52672
- Hsu, S.V. see Nyquist, D.P. 1-37606
- Hsu, T.T. see Barber, D.P. 1-534, 1-28309
- Hsu, W. see Yamada, M. 1-46916
- Hsu, W.K. see Lin, S.H. 1-24809
- Hsu, Y. Study of effective potentials among solitons in the sine-Gordon system 1-5114
- Hsu, Y.-H., Purcell, J.R., Alcorn, J.S., Homeroy, W. An EFTF-coil concept employing NbTi alloys, bath cooled with superfluid helium 1-51994
- Hsu, Y.-H., Purcell, J.R., Chen, W.Y., Alcorn, J.S. Measurement of stability of cabled conductors cooled by He I at reduced temperature, or He II 1-52700
- Hsu, Y.-H. see Chen, W.Y. 1-47786
- Hsu, Y.-H. see Hoffmann, E. 1-53703
- Hsu, Y.-H. see Turner, L.R. 1-48883
- Hsu Chen-Yih see Chen-Yih Hsu
- Hsu Hsueh-chi, Chen Guo-xiong A study on the characteristics of RF H discharges [fluorescent lamps] 1-15740
- Hsu Jin-Chung see Jin-Chung Hsu
- Hsu Lai-chang see Wang Ang-sheng 1-22478
- Hsu Ming-zhen see Tan Chang-hua 1-30259, 1-30260
- Hsu-Chieh Yeh, Hochreiter, E. Mass effluence during FLECHT forced reflood experiments 1-28631
- Hsuan, H. see Meservy, E.B. 1-24992
- Hsuan, H. see Owens, D.K. 1-25073
- Hsuan Feng Da see Da Hsuan Feng
- Hsue, S.T. see Lee, D.M. 1-18970
- Hsue, S.-T., Russo, P.A. Applications of nondestructive assay instrumentation to reprocessing plant safeguards 1-18872
- Hsue, S.-T. see Russo, P.A. 1-14634
- Hsueh, P.K., Listvinsky, G., Kanal, M. Finite element analysis of TFR torus vacuum vessel shell 1-932
- Hsueh, P.K. see Blumenau, L. 1-6014
- Hsueh, Y. On the theory of deep flow in the Hudson Shelf Valley 1-13471
- Hsueh-chi Hsu see Hsu Hsueh-chi
- Hsun Hu Spatial orientation distribution of crystallites in cold-rolled and in annealed sheets of deep-drawing phosphorous steel 1-39345
- Hu, A.S. Head impact rotational measurements and frequency response 1-4314
- Hu, B. Critical exponents of the four-state Potts model 1-5238
- Hu, E.L., Howard, R.E. Reactive-ion etching of GaAs and InP using CCl₂F₂/Ar/O₂ 1-43546
- Hu, E.L. see Howard, R.E. 1-47817
- Hu, H. Elastic properties of cold-rolled and annealed sheets of phosphorous steel having high normal plastic anisotropy 1-43402
- Hu, H., Zarkades, A., Larson, F.R. Texture and its influence on the mechanical and ballistic properties of steel armor plates 1-43367
- Hu, P., Narayanamurti, V., Chin, M.A. Observation of velocity bunching of near-zone-edge photons in semiconductors: An intense, tunable phonon source near 10 Å 1-42489

- Hu, S.M. Infrared absorption spectra of SiO₂ precipitates of various shapes in silicon: Calculated and experimental 1-39124
- Hu, W.W., Clayton, C.R., Herman, H., Hirvonen, J.K. Cavitation erosion of ion-implanted 1018 steel 1-21594
- Hu, W.W., Clayton, C.R., Herman, H., Hirvonen, J.K., Kant, R.A. Fatigue-life enhancement of steel by nitrogen implantation 1-3913
- Hu, W.W., Clayton, C.R., Herman, H., Hirvonen, J.K., Kant, R.A. Increasing the steel endurance life by nitrogen implantation 1-16871
- Hu, W.W. see Herman, H. 1-21587
- Hu Bo-qing, Ma Wen-yi, Zhou Tang Crystal growth, morphology and optical properties of complex salt KIO₃·2LiClO₄ 1-3377
- Hu Ceng-da see Li Hui-xin 1-28061
- Hu Chia-Ren see Chia-Ren Hu
- Hu Fu-xing The statistics of structure and rotation of disk galaxies 1-40567
- Hu Hai-Chang see Hu Haichang 1-27781
- Hu Haichang, Hu Hai-Chang On a variational principle in the theory of dynamic stability of elastic systems 1-27781
- Hu Hesheng see Gu Chao-hao 1-50304
- Hu Hsun see Hsun Hu
- Hu Hui-Ling see Xia Meng-Fen 1-24935
- Hu Jing-zhu, Tang Ru-ming, Xu Ji-an The high pressure device of diamond anvil and the observation of phase transition of iodine and sulphur 1-25630
- Hu Ming-hua see Cai Shu-zheng 1-25002
- Hu Ning see Ning Hu
- Hu Shi-ke see Wu Bang-hui 1-18381
- Hu Si-zhu see Su Ru-keng 1-28270
- Hu Wen-rui Mechanism of magnetospheric sub-storm and the turbulence of solar wind 1-22620
- Hu Xin-Kang, Shi Jin-rui, Ren Jian-guo Preliminary study of the relationship between a kind of pressure waves in the atmosphere and earthquakes 1-49209
- Hu Xue-Jing see Xue-Jing Hu
- Hu Yanrui see Yanrui Hu
- Hu Zhongwei see Dai Wensai 1-22697
- Hu-Ning Sealing and the violation of scaling 1-5631
- Hua, C.T., Donas, J., Doan, N.H. Spectroscopic observations of galactic nebulae and galaxies with the imaging photon counting system (IPCS) 1-13848
- Hua, C.T., Lieberia, A. Optical spectrum of the filamentary H II region north of the Carina complex 1-49765
- Hua, L., Thomasset, F. Numerical study of coastal upwellings by a finite element method 1-4528
- Hua Chon Trung see Chon Trung Hua
- Hua Xiang-Wen Stress variations in the region around Beijing and Tianjin before and after the 1976 Tangshan earthquake 1-9085
- Hua Yuan Long see Yuan Long Hua
- Hua Zhong-yi, Zhuhe Jian, Fan Cheng-shan, Pan Xing-long, Chen Hua-xian, Huang Jin-lin The construction and application of a soft X-ray appearance potential spectrometer with a sealed-off analyzer tube 1-23384
- Hua-guang Yang see Yang Hua-guang
- Hua-Kuang Liu Acoustic holographic image storage and its coherent optical reconstruction 1-41924
- Hua-xian Chen see Chen Hua-xian
- Huan Wen-lin, Wang Su-yun, Shi Zhen-liang, Yan Jia-quan The distribution of earthquake foci and plate motion in the Qinghai-Xizang plateau 1-22312
- Huan Wen-Lin see Deng L. Qi-Dong 1-4433
- Huan-sheng Cheng see Cheng Huan-sheng
- Huan-wu Peng see Peng Huan-wu
- Huang, A. Design for an optical general purpose digital computer 1-51598
- Huang, B.J. Similarity theory of solar water heater with natural circulation 1-8749
- Huang, C.R. see Fabisiak, W. 1-53805
- Huang, C.Y., Huang Liu, N.L. Van Vleck orbital-lattice interactions in LaZ (Z=P, As, Sb, Bi) 1-25679
- Huang, C.Y. see Acker, F. 1-47845
- Huang, C.Y. see Harrison, D.W. 1-42881
- Huang, C.Y. see Maekawa, S. 1-25856
- Huang, C.Y. see Yang, D. 1-26033
- Huang, D.T.-J., Carberry, J.J., Varma, A. Gas absorption with consecutive second-order reactions 1-39672
- Huang, H.J. see Schmid, G.M. 1-48557
- Huang, H.W., Negendank, W. Experimental test of the time-dependent Ising model [on lymphocyte transport] 1-13264
- Huang, H.W., Williams, C.R. Structure of valinomycin-K⁺ complex in solution by extended X-ray absorption fine structure 1-38364
- Huang, J.C. see Chung, J.C. 1-1545
- Huang, J.-K. see Oman, C.M. 1-26905
- Huang, J.-Y. see Lee, C.L. 1-11182
- Huang, K.-N. Expansion of the spin-spin interaction 1-14792
- Huang, K.-N. see Johnson, W.R. 1-1188
- Huang, L.R., Danofsky, R.A. A generalized model for predicting a neutron detector response to core parametric fluctuations 1-23816
- Huang, L.Y., Hy, Z.H. An electrostatic lens with independent focal properties in x- and y-directions 1-51359
- Huang, N.E., Long, S.R. An experimental study of the surface elevation probability distribution and statistics of wind-generated waves 1-22345
- Huang, P. see Witzig, W.F. 1-5856
- Huang, S. see Yuan, Z. 1-8941
- Huang, S.L. see Chang, C.N. 1-10817
- Huang, S.Z. see Chu, C.W. 1-42880
- Huang, T.C. see Parrish, W. 1-29984
- Huang, T.C. see Sigurdsson, H. 1-54045
- Huang, Y., Xu, J., Shih, C.H. Application of infrared technique to research on tensile test 1-35467
- Huang Chao-Shang The large momentum behavior of the pion wave function and the pion electromagnetic form factor 1-40996
- Huang Chi-Ming see Chi-Ming Huang
- Huang Fu-Ming, Wang Ting-Yun The stress field of a dislocating inclined fault 1-4425
- Huang Hui-yu see Zheng Da-wei 1-44064
- Huang Hui-ci The physical basis of nonequilibrium order 1-23105
- Huang Hung-Chia, Wang Zi-Hua Analytical approach to prediction of dispersion properties of step-index single mode optical fibres 1-46563
- Huang Jin-lin see Hua Zhong-yi 1-23384
- Huang Juang Yau see Juang Yau Huang
- Huang Ke-liang see Peng Qiu-he 1-40466
- Huang Liu, N.L. see Huang, C.Y. 1-25679
- Huang Qiang see Zeng Jin-Guang 1-54255
- Huang Rui-xin, Chao Jiao-ping The linear theory of spiral cloud bands of typhoons 1-22476
- Huang Ruixin see Chao Jiping 1-36042
- Huang Run-bing Numerical simulation for microwave remote sensing of the atmospheric temperature profiles from space 1-54213
- Huang Tao see Dong Fang-Xiao 1-45146
- Huang Wei-zhi see Qiu Xi-jun 1-18696
- Huang Xi-yi see Huo Chong-rui 1-46442
- Huang Yin-liang see Zhai Di-sheng 1-40525
- Huang Yue-bong see Guo Chang-Lin 1-52092
- Huang Zhi Cai see Zhi Cai Huang
- Huang Zhong-Xian, Wang En-Fu, Liu Chang-Yi, He Cheng-En, Zhang Bao Directions of tectonic stress and solutions of earthquake source mechanisms 1-4434
- Huang Zu-Zhan see Zu-Zhan Huang
- Huard, S. Exchanged momentum between a surface wave and atoms 1-1186
- Huaying, B. see Wenxiu, C. 1-13327
- Huba, A. Application possibilities of lasers in measurement techniques 1-29316
- Huba, A. see Wenzel, G. 1-361
- Huba, J.D., Ossakow, S.L. Influence of magnetic shear on the current convective instability in the diffuse aurora 1-40249
- Huba, J.D. see Drake, J.F. 1-38053
- Hubac, I., Carsky, P. Correlation energy of open-shell systems. Application of the many-body Rayleigh-Schrodinger perturbation theory in the restricted Roothaan-Hartree-Fock formalism 1-19039
- Hubac, I. see Carsky, P. 1-18078
- Hubbard, A.T. see Anderson, A.B. 1-17106
- Hubbard, C.R. Standard reference materials for quantitative analysis and d-spacing measurement 1-29951
- Hubbard, C.R. see Trevino, S.F. 1-7155
- Hubbard, E.N. see Hege, E.K. 1-9715
- Hubbard, F.R., III see Corcoran, W.R. 1-50902
- Hubbard, F.R., III see Kling, C.L. 1-14659
- Hubbard, H.H. see Maglieri, D.J. 1-37964
- Hubbard, J.R., Coutarak, G., Cribier, M., Mangot, P., Martin, H., Mullie, J., Palanque, S., Pelle, J. Multi-step avalanche chambers for FNAL experiment E605 1-14755
- Hubbard, M. Human control of the skateboard 1-17431
- Hubbard, M. Dynamics of the pole vault 1-32165
- Hubbard, R.L. The analysis of liquid crystal mixtures 1-38284
- Hubbard, W.B., MacFarlane, J.J., Anderson, J.D., Null, G.W., Biller, E.D. Interior structure of Saturn inferred from Pioneer 11 gravity data 1-40406
- Hubbard, W.B., Zelner, B.H. Results from the 10 March 1977 occultation by the Uranus system 1-40416
- Hubbard, W.B. see Millis, R.L. 1-54408
- Hubbard, W.B. see Reitsma, H.J. 1-40309
- Hubbell, L. see Heijne, E.H.M. 1-28791
- Hubbell, H.H., Jr. see Kirkhoff, R.D. 1-43088
- Hubbell, J.H., Gimm, H.A., Overbo, I. Pair, triplet, and total atomic cross sections (and mass attenuation coefficients for 1 MeV-100 GeV photons in elements Z=1 to 100 1-45909
- Hubbell, R.H., Toscano, W.M. Thermodynamic optimization of helium liquefaction cycles 1-50139
- Hubberstey, P., Dadd, A.T. The electrical resistivities of solutions of Li₂Si₃ and of Li₂Ge₃ in liquid lithium 1-30708
- Hubel, H., Diamond, R.M., Stephens, F.S., Her-skind, B., Bauer, R. Linear polarization and angular correlation of continuum γ-rays 1-10377
- Hubel, H. see Heusener, G. 1-23781
- Hubel, H. see Kleinhahn, A. 1-10318
- Hubel, H. see Kroth, R. 1-18561, 1-45404
- Huber, A. see Abidin, S. 1-35174
- Huber, A. see Valladon, M. 1-31937
- Huber, A.M., Morillot, G., Merenda, P., Linh, N.T. Chromium and iron determination in GaAs epitaxial layers 1-30264
- Huber, B. see Sicking, G. 1-20460
- Huber, D.L. Fluorescence in the presence of traps. II. Coherent transfer 1-8124
- Huber, D.L. Vortex diffusion in superfluid helium films 1-16136
- Huber, D.L., Ching, W.Y. Collective excitations in a planar model of a classical spin glass 1-12309
- Huber, D.L., Leung, K.M. Low frequency dynamics in concentrated 4fCEF systems 1-20941
- Huber, D.L. see Ghosh, K.K. 1-12575
- Huber, E.J. see Hartford, A., Jr. 1-4105
- Huber, F. see Leibold, R. 1-26730
- Huber, G. Miniature neodymium lasers 1-6580
- Huber, G. see Liberman, S. 1-19057
- Huber, H. Geometry optimization in ab initio SCF calculations. V. Quadrupole moments obtained with floating orbital geometry optimization (FOGO) 1-41315
- Huber, H. see Theis, D. 1-26277
- Huber, H.D. see Reilly, R.W. 1-53693
- Huber, H.-L., Rumberg, B., Siggel, U. Contribution of membrane potentials to energy conversion in photosynthetic membranes 1-39895
- Huber, H.-P. The transmission characteristics of a 9 kilometer spliced multimode graded profile fiber optic cable 1-19452
- Huber, H.-P., Krumpolz, O., Maslowski, S., Vollmer, H.-P. New components for optical telecommunication techniques: transmitter and receiver units and optical fibres 1-19472
- Huber, H.-P., Krumpolz, O., Schlang, P., Zielinski, H.-G. Experiments with monomode optical waveguides 1-37619
- Huber, J. see Regulla, D.F. 1-6096
- Huber, J.G. see Guertin, R.P. 1-47781
- Huber, J.R. see Bruhlmann, U. 1-6302
- Huber, K. see Gunther, W. 1-23636
- Huber, M. see Legendre, J.J. 1-15828
- Huber, M.C.E., Sandeman, R.J. Transition probabilities and their accuracy 1-1184
- Huber, M.G. see Klingenberg, K. 1-28466
- Huber, R.A. see Schwoerer, M. 1-45996
- Huber, W. see Franzen, R. 1-35618
- Huberman, B.A., Crutchfield, J.P., Packard, N.H. Noise phenomena in Josephson junctions 1-30884
- Huberman, B.A., Zisook, A.B. Power spectra of strange attractors 1-44835
- Huberson, S. Numerical computation of flows with rolled up vortex sheets 1-2000
- Hubert, A.M. see Baillereau, D.B. 1-36299
- Hubert, C. see Rimbert, J.N. 1-48951
- Hubert, F., Fleury, A., Bimbot, R., Gardes, D. Range and stopping tables for 2.5-100 MeV/nucleon heavy ions in solids 1-5034
- Hubert, H. see Jaschek, M. 1-4919
- Hubert, Ph., Leccia, F., Liotta, R., Mennrath, P., Villard, M.M. Calculations of the continuum γ-ray spectra in (H₁,xn) reactions 1-45452
- Hubert-Delpie, A.-M. see Jaschek, M. 1-4919
- Hubin-Franskin, M.-J. see Delwiche, J. 1-29039
- Hubler, G.K. see Zamanzadeh, M. 1-7458
- Hubmann, F.-H. Effect of X irradiation on the rectum of the rat 1-49069
- Hubner, H.W. New designs of spent fuel casks for Germany's growing requirements 1-33311
- Hubner, K. Chemical bond and related properties of SiO₂. VII. Structure and electronic properties of the SiO₂ region of Si-SiO₂ interfaces 1-20576
- Hubner, K., Henniger, J., Negwer, D. LET dependence of the TL response and range measurements of heavy charged particles in TL detectors 1-947
- Hubner, R. Technology and residential applications of heat pumps 1-17233
- Hubner, R. Strain gauges—theory and application 1-27945
- Hubner, U. see Heppner, J. 1-15156
- Husch, J. see Marchal, G. 1-25984
- Huc, A.Y., Hunt, J.M. Generation and migration of hydrocarbons in offshore South Texas Gulf Coast sediments 1-21837
- Huc, J. see Devrillon, B. 1-16703
- Huchikyan, L.M. see Bykov, A.M. 1-41831
- Huchra, J.P. see Geller, M.J. 1-32759
- Huchra, J.P. see Hartmann, L. 1-9504
- Hucht, K.A. Van Der Van Der Hucht, K.A. Huchtmeier, W.K., Richter, O.-G., Witzler, A., Pauliny-Toth, I. Search for H₂O maser emission in nearby galaxies 1-27582
- Huchtmeier, W.K., Seiradakis, J.H., Materne, J. Late-type galaxies with extended envelopes of neutral hydrogen 1-27603

- Huck, A., Klotz, G., Knipper, A., Mische, C., Richard-Serre, C., Walter, G., Ravn, H.L. β decay of ^{51}Ca 1-23609
- Hucks, P., Flaskamp, K., Vietzke, E. The trapping of thermal atomic hydrogen on pyrolytic graphite 1-25555
- Huczowski, J. *see* Underbrink, A.G. 1-22069
- Huda, W., Bewley, D.K. A comparison between proton and photon excitation for X-ray analysis of plasma 1-26790
- Hudak, O. Double sine-Gordon equation: a stable 2π -kink and commensurate-incommensurate phase transitions 1-44868
- Hudak, S.J., Jr. *see* Saxena, A. 1-26614
- Hudda, F.G. *see* Farrall, G.A. 1-7017
- Hudde, H., Lackmann, R. Systematic errors in measurements using probe tube microphones 1-41929
- Hudgell, R.J. *see* Highmore, P.J. 1-12939
- Hudgens, J.W., McDonald, J.D. Energy redistribution observed in infrared multiphoton excited $\text{C}_2\text{F}_2\text{Cl}$ 1-46011
- Hudgings, D.W. *see* Nunnally, W.C. 1-28763
- Hudgins, J.L. *see* Broussard, P.H. 1-36724
- Hudis, J.A., Ditchfield, R. Molecular orbital studies of electrical polarizability tensors 1-28855
- Hudry-Clergeon, G. *see* Torbet, J. 1-32181
- Hudson, A. *see* Alberti, A. 1-24178
- Hudson, B. *see* Ziegler, L.D. 1-45971
- Hudson, C.G. *see* Minnema, D.M. 1-51034
- Hudson, E.A. *see* Lukachinski, J. 1-35631
- Hudson, J.A. Overall properties of a cracked solid 1-15450
- Hudson, J.A. A parabolic approximation for elastic waves 1-27793
- Hudson, J.A. Wave speeds and attenuation of elastic waves in material containing cracks 1-32371
- Hudson, J.A. *see* Chatterjee, A.K. 1-29610
- Hudson, J.A. *see* Douglas, A. 1-32373
- Hudson, J.B. *see* Sau, R. 1-39683
- Hudson, J.G. Relationship between fog condensation nuclei and fog microstructure 1-49343
- Hudson, M.K. *see* Mozer, F.S. 1-13626
- Hudson, P.A., Jones, H. Operational experience with the Oxford Hybrid Magnet including a description of the procedures developed for its safe and reliable regular operation 1-36706
- Hudson, P.R.W. *see* Smith, T.F. 1-25955
- Hudson, R.D. *see* Frederick, J.E. 1-17715, 1-17716
- Hudson, S.D. *see* Durig, J.R. 1-45939
- Hudson, W.R. *see* Mullin, J.P. 1-48851
- Hudspeth, A.J. *see* Corey, D.P. 1-49172
- Huebener, R.P. *see* Parisi, J. 1-3117
- Huebener, R.P. *see* Seifert, H. 1-30885
- Hueber, D., Valette, C., Saysand, G. Density of nucleation centres of the normal state and magnetic interactions in superheated superconducting granules 1-20901
- Hueber, D. *see* Behar, J. 1-8978
- Huebert, B.J., Lazrus, A.L. Tropospheric gas-phase and particulate nitrate measurements 1-40165
- Huebert, B.J., Lazrus, A.L. Bulk composition of aerosols in the remote troposphere 1-44247
- Huebert, B.J. *see* Patterson, E.M. 1-44248
- Huebner, W.F. *see* Giguere, P.T. 1-9421
- Huebschmann, W. *see* Bayer, A. 1-5923
- Huenges, E. *see* Wegmann, H. 1-28757
- Huestis, D.L., Helm, H., Stephan, K., Mark, T.D. The stability of doubly charged rare gas molecular ions 1-41458
- Huestis, D.L. *see* Helm, H. 1-10793
- Huestis, D.L. *see* Tang, K.Y. 1-39590
- Huestis, S.P. Temperature bounds from heat flow data on irregular non-isothermal surfaces 1-54028
- Huet, D., Maneval, J.P. Decay of optical into acoustical phonons 1-15973
- Huet, J. *see* Lissillour, R. 1-29156
- Huet, M. *see* Goutte, D. 1-14443
- Huettnar, A., Taylor, B.J., Ingene, C.A., Horrell, J.F. An economic analysis of solar energy alternatives 1-21860
- Huetz-Aubert, M., Perrin, M.Y., Lepoutre, F. Photoacoustic study of CH_4 ν_3 deactivation 1-29097
- Huff, D.D. *see* Gardner, R.H. 1-36005
- Huff, H.R., Halvorson, R.D., Chiu, T.L., Guterman, D. Experimental observations on conduction through polysilicon oxide 1-34772
- Huff, L., Fusek, R.L. Color holographic stereograms 1-6520
- Huff, L., Fusek, R.L. Optical techniques for increasing image width in cylindrical holographic stereograms 1-15117
- Huff, L. *see* Fusek, R.L. 1-19298
- Huffaker, J.N. Diatomic molecules as perturbed Morse oscillators. VI. High-precision eigenfunctions 1-46053
- Huffman, A. Special relativity demonstration 1-5047
- Huffman, D.R., Bohren, C.F. Infrared absorption spectra of non-spherical particles treated in the Rayleigh-ellipsoid approximation 1-6476
- Huffman, E.H. *see* Hauck, J.P. 1-1552
- Huffman, F.N. *see* Goodale, D.B. 1-53638
- Huffman, G.D. Calibration of triaxial hot-wire probes using a numerical search algorithm 1-2110
- Huffman, J.E., Snodgrass, M.L., Blatt, F.J. Magnetoresistance of copper, gold, and indium 1-42746
- Huffman, R., Galonsky, A., Markham, R., Williamson, C. Elastic scattering of ^6Li at 73.7 MeV 1-5795
- Huffman, R.E. *see* Price, S.D. 1-9739
- Huffstutler, M.C., Jr. *see* Reif, T.H. 1-49163
- Hufham, J.W. *see* Stone, G.F. 1-18920
- Hufner, H. *see* Chiang, H.C. 1-45337
- Hufner, J. *see* Chiang, H.C. 1-23626
- Hufner, J. *see* Hachenberg, F. 1-18625
- Hufner, S. *see* Kasper, L. 1-39198
- Hufner, S. *see* Steiner, P. 1-43249, 1-48236, 1-52104
- Hufschmidt, W. *see* Herkenrath, H. 1-50739
- Hug, W., Kamatari, A., Srinivasan, K., Hansen, H.-J., Sliwka, H.-R. The vibrational Raman optical activity of deuterated 1-methylindanes 1-28977
- Hug, W.F. *see* Duardo, J.A. 1-46412
- Hugel, H. Effect of self-magnetic forces on the anode mechanism of a high current discharge 1-34167
- Hugel, H., Schall, W., Hoffmann, P. Experimental investigations of gasdynamic N_2/CO_2 mixing lasers 1-46287
- Hugel, H. *see* Hoffmann, P. 1-24396
- Hugel, H. *see* Schall, W. 1-41725
- Hugenschmidt, M., Baca, W., Wey, J. Transient optical properties of target induced laser supported absorption waves 1-38147
- Hugenschmidt, M., Wey, J. Multichannel laser system for multiple wavelength cinematographic and interferometric diagnostics 1-15160
- Hugentobler, E. *see* Dykes, M. 1-45784
- Huggett, G.R. Two-color Terrameter 1-53960
- Huggins, A., Crow, E.L., Long, A.B. Errors in halpad data reduction 1-22530
- Huggins, A.W. *see* Matson, R.J. 1-13524
- Huggins, B.D. *see* Vernon, R.J. 1-29208
- Huggins, P.J. *see* Knapp, G.R. 1-9608, 1-44556
- Huggins, R.A. *see* Guir, T.M. 1-7381, 1-25499, 1-34504
- Huggins, R.A. *see* Hellstrom, E.E. 1-38820
- Huggins, R.A. *see* Koto, K. 1-34332
- Huggins, R.A. *see* Wen, C.J. 1-21425
- Huggins, R.A., Bube, R.H., Vermilyea, D.A. (editor) Annual review of materials science, vol. 10 1-36466
- Hughes *see* Armstrong 1-10254
- Hughes, A.E. *see* Bellamy, B.A. 1-17322
- Hughes, A.E. *see* Welch, L.S. 1-3469, 1-16596
- Hughes, B.M. *see* Jones, E.G. 1-39608
- Hughes, D.A. Floodplain inundation: processes and relationships with channel discharge 1-13495
- Hughes, D.A. *see* Kass, J.N. 1-11791
- Hughes, D.R. *see* Meineri, W.D. 1-50766
- Hughes, D.S. *see* Snowden, K.U. 1-43443
- Hughes, D.T., Evans, J., Harris, I.R. The influence of lattice order on the thermal expansion and magnetic susceptibility behaviour of some palladium-cerium solid solution alloys 1-34491
- Hughes, D.T., Evans, J., Harris, R. The influence of order on hydrogen diffusion in the solid solution alloys Pd-5.75 at.% Ce and Pd-8 at.% Y 1-20459
- Hughes, D.W. The dependence of chondrule density on chondrule size 1-22738
- Hughes, D.W., Feeney, R.K., Hill, D.N. Alumino-silicate-composite type ion source of alkali ions 1-23921
- Hughes, D.W. *see* Martin, P.M. 1-4833
- Hughes, E. *see* Bonical, A. 1-4335
- Hughes, E.J., Rutherford, J.L. Stress dependence of creep in bonded adhesives 1-8380
- Hughes, F.M., Collins, G.B. Application of multi-variable frequency response methods to boiler control system design 1-28577
- Hughes, G. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Hughes, G. *see* Fairbairn, S.A. 1-32990
- Hughes, G. *see* O'Neill, L.H., Jr. 1-50443
- Hughes, G. *see* Shone, K. 1-27245
- Hughes, G.H. Summer rainfall totals related to the PSCM indices 1-17678
- Hughes, G.J. *see* McKinley, A. 1-8456
- Hughes, G.W. *see* Webb, R.H. 1-8943, 1-32228
- Hughes, H.G. Aerosol extinction coefficient variations with altitude at 3.75 μm in a coastal marine environment 1-44296
- Hughes, H.G., Richter, J.H. Extinction coefficients calculated from aerosol size distributions measured in a marine environment 1-4620
- Hughes, H.P. *see* Khumalo, F.S. 1-3433, 1-21228
- Hughes, I.S. *see* Costa, G. 1-23516
- Hughes, I.S. *see* Di Gennaro, V. 1-5660
- Hughes, I.S. *see* Evangelista, C. 1-23515
- Hughes, J.F., Bright, A.W. Electrostatic charge control on hyperbaric chambers—a case history 1-27025
- Hughes, J.L. Research in quantum optics 1-1534
- Hughes, J.M., Birnie, R.W., Ziesite, $\beta\text{-Cu}_2\text{V}_2\text{O}_7$, a new copper vanadate and fumarole temperature indicator 1-54077
- Hughes, J.M.B. *see* Ciofetta, G. 1-49102
- Hughes, J.W.B. SU(2) shift operators and representations of $\text{Sp}(2,1)$ 1-5527
- Hughes, O.H., Woolley, J.C., Lopez-Rivera, S.A., Pamplin, B.R. Quaternary adamantane senes and tellurides of the form I III IV VI₄ 1-2412
- Hughes, P.A. Where does particle acceleration occur in extended extragalactic radio sources? 1-4991
- Hughes, R. *see* Lagakos, N. 1-11092
- Hughes, R.C. The electronic properties of the metal-insulator contact: Space-charge induced switching 1-38865
- Hughes, R.J. Some comments on asymptotic freedom 1-18376
- Hughes, R.J. *see* Ziegler, A. 1-28808
- Hughes, R.W. *see* Bar-Cohen, A. 1-29766
- Hughes, S. Earth satellite orbits with resonant lunisolar perturbations. II. Some resonances dependent on the semi-major axis, eccentricity and inclination 1-49474
- Hughes, S.K., Fry, R.C. Miniature high temperature laminar diffusion flames for analytical atomic spectrometry 1-43718
- Hughes, S.R., Somerford, D.J. An ultrasonic and thermal expansion study at the phase transition of trigonal ammonium fluosulfate 1-20425
- Hughes, T.F.R., Stephenson, R.A. Convergence of implicit-explicit algorithms in nonlinear transient analysis 1-27779
- Hughes, T.P., Ott, E. Nonlinear space-charge waves on cylindrical electron beams and plasmas 1-19892
- Hughes, V.W. *see* Baum, G. 1-28323
- Hughes, V.W. *see* Egan, P.O. 1-51324
- Hughes, V.W. *see* Nemethy, P. 1-45183
- Hughes, V.W. *see* Orth, H. 1-10875
- Hughes, W.F., Chao, N.H. Phase change in liquid face seals. II. Isothermal and adiabatic bounds with real fluids 1-43645
- Hughes, W.J. *see* Mier-Jedrzejowicz, W.A.C. 1-40281
- Hughes, W.M. A technical examination of ground water geothermal heat pump components 1-8742
- Hughes-Jones, R.E. *see* Adamovich, M.I. 1-45317
- Hughes-Jones, R.E. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Hughes-Jones, R.E. *see* Fiorino, A. 1-50583
- Hugla, M. *see* Woods, W.J. 1-821
- Hugon, P.L. *see* Serre, J. 1-47471
- Hugot-le Goff, A. *see* Blondeau, G. 1-35016
- Huguénin, D. *see* Naudet, J.P. 1-17650, 1-44227
- Huguénin, R. *see* Probst, P.-A. 1-16216
- Huguet, M., Lallia, P. Magnetic confinement by Tokamak important current projects 1-50931
- Huh, C.A. *see* Ku, T.L. 1-4506
- Huibeey, J.E. *see* Allen, L.C. 1-37351
- Hui, B. *see* Lau, Y.Y. 1-6964
- Hui, K.K. *see* Finzi, J. 1-1548
- Hui, K.K. *see* Wang, J.H.S. 1-46325
- Hui Yongzheng, Shen Qi, Qian Cheng, You Zhaolin Photo-response characteristics of the junction field effect transistor and its application in UV-detector 1-33058
- Hui-Liang Ding *see* Ding Hui-Liang
- Hui-Ling Hu *see* Hu Hui-Ling
- Hui-run Liu *see* Liu Hui-run
- Hui-xin Li *see* Li Hui-xin
- Hui-Xin Shi *see* Shi Hui-Xin
- Hui-yu Huang *see* Huang Hui-yu
- Huici Huang *see* Huang Huici
- Huie, R.E. *see* Herron, J.T. 1-31831
- Huignard, J.P., Herriau, J.P. Dynamic holography and coherent four wave mixing in $\text{Bi}_{12}\text{SiO}_{20}$ crystal 1-15229
- Huignard, J.P., Herriau, J.P., Pichon, L., Marrakchi, A. Speckle-free imaging in four-wave mixing experiments with $\text{Bi}_{12}\text{SiO}_{20}$ crystals 1-6614
- Huignard, J.P. *see* Marrakchi, A. 1-46423
- Huignard, J.P. *see* Pichon, L. 1-51384
- Huijser, E., Dove, D.B., Watson, J.K. Fundamentals of modeling I-bars and bubbles using Fourier series 1-52811
- Huijser, A., Van Laar, J., Van Rooy, T.I. Angular-resolved photoemission from GaAs(110) surfaces with adsorbed Al 1-39222
- Huijser, R.H., Michels, A.C., Boots, H.M.J., Trapeniers, N.J. The depolarization factor of light scattered from xenon near its critical point 1-38048
- Huijser, R.H. *see* Trapeniers, N.J. 1-15592
- Huilgol, R.R. Remarks on nearly extensional flows 1-37978
- Huiling Tan *see* Tan Huiling
- Huizer, A.M.J., van Toorn, P. Ambiguity of the phase-reconstruction problem 1-10935
- Huisgen, R. Cycloaddition mechanism and the solvent dependence of rate 1-8533
- Huiskamp, W.J. Nuclear polarisation and nucleus demagnetisation 1-44755
- Huiskens, F. *see* Andres, J. 1-33551
- Huiskens, F. *see* Buck, U. 1-37314
- Huisman, L., Schwartz, L., Bansil, A. Calculations of electronic states in the muffin tin model of a liquid metal 1-30614

- Huisman, L.M., Carlsson, A.E., Gelatt, C.D., Jr., Ehrenreich, H. Mechanisms for energetic-vacancy stabilization: TiO and TiC 1-2914
- Huissier, A.D. see Lerebours, B. 1-20667
- Huissoon, J.P. see Gorman, D.G. 1-29603
- Huizenga, J.R. Heavy-ion reactions: A new frontier of nuclear sciences 1-50632
- Huizenga, J.R. see Birkelund, J.R. 1-50697
- Huizenga, J.R. see Breuer, H. 1-23674
- Huizenga, J.R. see Hilscher, D. 1-50639
- Huizenga, J.R. see Schroder, W.U. 1-33252
- Huke, K. 2.5 GeV electron storage ring construction at KEK-PF 1-23881
- Huke, K., Yamakawa, T. Design of a vertical wiggler with superconducting coils 1-23895
- Huke, K. see Kohra, K. 1-50996
- Hukin, D. see Amado, M.M. 1-25940
- Hukin, D. see Sousa, J.B. 1-12269
- Hukin, D.A., Ward, R.C.C., Morris, D.K., Davies, K. Determination of the effective segregation coefficient of oxygen in terbium during zone refining 1-26382
- Hula, R. see Brewer, W.H. 1-1050
- Huldt, S. see Andresen, B. 1-46095
- Huldt, S. see Elston, S.B. 1-37347
- Huldt, S. see Engstrom, L. 1-37159
- Huldt, S. see Laubert, R. 1-47124
- Hulenyl, L. see Musil, J. 1-21610
- Hulet, E.K. see Nitschke, J.M. 1-36971
- Hulet, J.-F. see de Boer, P.C.T. 1-8772
- Hulet, R.G. see Castro, J.C. 1-24081
- Hulet, L.D., Dale, J.M., Pendyala, S. The effect of source window material and thickness on the intensity of moderated positrons 1-50273
- Hulet, L.D. see Dale, J.M. 1-50272
- Hulin, D., Mysyrowicz, A., Benoit a la Guillaume, C. Evidence for Bose-Einstein statistics in an exciton gas 1-25641
- Hulin, D. see Mysyrowicz, A. 1-52966
- Hulke, G., Rolfs, C., Trautvetter, H.P. Comparison of the fusion reactions $^{12}\text{C}+^{20}\text{Ne}$ and $^{16}\text{O}+^{16}\text{O}$ near the Coulomb barrier 1-5818
- Hull, E.M. Controlling the oxygen concentration of silicon crystals by magnetically induced melt rotation 1-48249
- Hull, G.W., Jr. see Piermarini, G.J. 1-34701
- Hull, J.R. Membrane stratified solid ponds 1-8754
- Hull, L.A. see Felker, P. 1-14822
- Hull, M.L. Principles of digital data acquisition 1-32966
- Hull, M.L., Ramming, J.E. A biomechanical model for actively controlled snow ski bindings 1-49056
- Huller, A. see Friedrich, H. 1-47023
- Huller, A. see Gerling, R. 1-25183
- Hulleit, J.L., Jeffery, R.D. Noise in optical fibre backscatter measurement 1-46576
- Hulleit, J.L. see Jeffery, R.D. 1-6493
- Hulliger, F., Schmelzler, R. Crystal chemistry of the europium pnictides 1-25234
- Hulliger, F., Vogt, O. Low-temperature X-ray studies on UTe and UTeSb_{1-x} 1-47062
- Hulliger, F. see Campagna, M. 1-48232
- Hulliger, F. see Lasser, R. 1-48231
- Hullin, C. see Barbian, O.A. 1-4009
- Hulm, J.K., Kunzler, J.E., Matthias, B.T. The road to superconducting materials 1-32826
- Hulm, J.K., Matthias, B.T. High-field, high-current superconductors 1-12247
- Hulme, A. The potential of a horizontal ring of wave sources in a fluid with a free surface 1-42060
- Hulme, G., Phelps, P.J., Spalding, D.B., Tatchell, D.G. Prediction of steady, three-dimensional flow in pressurized-water steam generators 1-28586
- Hulme, J.M., Thibodeau, W.E. An automatic analyzer for the measurement of polymer concentration and dilute solution viscosity of solution-polymerized rubbers 1-29159
- Hulme, K.F., Collins, B.S., Constant, G.D., Pinson, J.T. A CO₂ laser rangefinder using heterodyne detection and chirp pulse compression 1-33738
- Hulse, R.A., Post, D.E., Mikkelsen, D.R. Charge exchange as a recombination mechanism in high-temperature plasmas 1-6376
- Hulsebeger, H., Niemann, E.-G. Lethal effects of high-voltage pulses on *E. coli* K12 1-48970
- Huisman, H.G. see Mentel, J. 1-15697
- Hulst, H.C. van de see van der Hulst, H.C.
- Hulst, J.M. van der see van der Hulst, J.M.
- Hulsteyn, D.B. van see van Hulsteyn, D.B.
- Hubschurk, S. Creep transitions in anisotropic spherical shells under uniform internal pressure 1-6788
- Hultberg, S., Liljebj, L., Lindgard, A., Mannervik, S., Vejle, E. Experimental and simulated beam-foil decay curves for some transitions in Zn II 1-37161
- Hulth, P.O. see Allen, P. 1-14367, 1-36856, 1-36857
- Hulth, P.O. see Blitschau, J. 1-10190
- Hulth, P.O. see Deden, H. 1-28311
- Hulth, P.O. see Fritze, P. 1-14431
- Hulth, P.O. see Grassler, H. 1-50414
- Hultqvist, B., Aparicio, B., Borg, H., Arnoldy, R., Moore, T.E. Decrease of keV electron and ion fluxes in the dayside magnetosphere during the early phase of magnetospheric disturbances 1-40286
- Hultqvist, B. see Moore, T.E. 1-22639
- Hultsch, R.A. Simple Young's experiment grating made photographically 1-13982
- Hultschig, H. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Humanic, T. see Alessi, J.G. 1-36897
- Humanic, T.J., Saladin, J.X., Alessi, J.G., Hussein, A. Experimental determination of the intrinsic ground state shapes of ^{162}Er and ^{164}Er from Coulomb excitation studies 1-41046
- Humberston, J.W., Campeanu, R.I. The calculation of p-wave phase shifts for positron-helium scattering 1-24264
- Humbert, M., Bergmann, H.W. A determination of the normalization factor and its application to the incomplete pole-figure method 1-29946
- Hume, S.P. see Field, S.B. 1-53763
- Hume, W.P.F. Application of solar energy to a heat pump in a northern climate 1-35674
- Humes, D.H. Results of Pioneer 10 and 11 meteoroid experiments: interplanetary and near-Saturn 1-40428
- Humlicek, J., Kapicka, V. The evaluation of spectrum line profiles: the Voigt function and its derivatives 1-19138
- Humlicek, J., Kapicka, V., Petrakiev, A., Koleva, I., Protasevic, E. Using computers to evaluate the temperatures from spectral line widths 1-332
- Hummel, F.R. see Alipchenkov, V.M. 1-19949
- Hummel, E. The radio continuum properties of spiral galaxies 1-36403
- Hummel, F.A. see Agrawal, D. 1-31436
- Hummel, F.A. see Horn, W.F. 1-2662, 1-26435
- Hummel, R.E. see Andrews, J.B. 1-8091
- Hummel, R.E. see Shanley, C.W. 1-14170, 1-16940
- Hummel, R.H. see Bumb, R.R. 1-53426
- Hummer, D.G. see Barlow, M.J. 1-22818
- Hummer, D.G. see Pradhan, A.K. 1-46132
- Humpert, B., van Neerven, W.L. Arbitrary parton cross-sections—unique asymptotic freedom predictions 1-28297
- Humpert, B., van Neerven, W.L. Infrared and mass regularization in AF field theories. I. ϕ_3^4 1-50312
- Humpherys, T.W., Lusk, R.L., Jungling, K.C. Surface microanalysis techniques for characterization of thin films 1-30603
- Humphrey, A.E. see Nolan, E.J. 1-53683
- Humphrey, J. see Lomanno, F. 1-14426
- Humphrey, J.A.C., Whitelaw, J.H., Yee, G. Turbulent flow in a square duct with strong curvature 1-51871
- Humphrey, J.A.C. see Chilukuri, R. 1-38014
- Humphrey, J.A.C. see Yee, G. 1-24798
- Humphrey, J.W. see Day, C.T. 1-45312
- Humphrey, L.M. see Freeman, R.R. 1-6210
- Humphrey, L.M. see Liao, P.F. 1-12079
- Humphreys, C.J. Imaging of dislocations 1-2454
- Humphreys, C.J., Spence, J.C.H. Resolution and illumination coherence in electron microscopy 1-36773
- Humphreys, C.J. see Sellar, J.R. 1-2294
- Humphreys, C.J. see Spencer, J.P. 1-20288
- Humphreys, F.J. The formation of large local lattice rotations at second phase particles in single crystals deformed to large strains 1-21546
- Humphreys, F.J. see Burrows, S.E. 1-21544
- Humphreys, M.A. see Sargent, J.W. 1-6714
- Humphreys, R. see Herbert, D.C. 1-3009
- Humphreys, R.M. Studies of luminous stars in nearby galaxies. VI. The brightest supergiants and the distance to M33 1-22883
- Humphreys, R.M. Studies of luminous stars in nearby galaxies. VII. The brightest blue stars in the spiral galaxies M101 and NGC 2403 1-22884
- Humphreys, R.M. see Elias, J.H. 1-44636
- Humphreys, T.J. see Kattawar, G.W. 1-6431, 1-54238
- Humphreys, T.P., Patterson, M.H., Williams, R.H. Metal contacts to clean and oxidized cadmium telluride and indium phosphide surfaces 1-16362
- Humphreys, T.P., Srivastava, G.P. Electronic charge densities for two isolectronic series: Ge-GaAs-ZnSe and α -Sn-InSb-CdTe 1-47465
- Humphries, C.M., Purkins, T.E. The new United Kingdom infrared telescope on Hawaii 1-44433
- Humphries, L.J. see Haus, A.G. 1-43988
- Humphries, S., Jr. Options for light-ion fusion 1-6987
- Humphries, S., Jr. Intense pulsed ion beams for fusion applications 1-33348
- Humphries, S., Jr., Ramirez, J.J., Wilde, M.G. Large area pulsed electron sources 1-34092
- Humphries, S., Jr. see Mendel, C.W. 1-42186
- Humphris, K.J. Reinforced polypropylene moulding compounds 1-53192
- Hun Lee Myung see Myung Hun Lee
- Hund, F. Who created the theory of relativity? 1-14007
- Hunderi, O., Bergersen, R. Auger and ellipsometric investigation of the oxidation kinetics of some metallic glasses 1-35426
- Hunderi, O. see Niklasson, G.A. 1-37409
- Huneke, J.T. see Laufer, G. 1-8055, 1-12483
- Hung, B.N. see Brownstein, M. 1-43864
- Hung, C.M. Numerical solution of supersonic laminar flow over an inclined body of revolution 1-19743
- Hung, G.K. see Semmlow, J.L. 1-35784
- Hung, L.S., Lau, S.S., von Almen, M., Mayer, J.W., Ullrich, B.M., Baker, J.E., Williams, P., Tseng, W.F. Epitaxial growth of Si deposited on (100) Si 1-38677
- Hung, L.S. see Tsaur, B.Y. 1-16197, 1-38672
- Hung, M.P., Lee, J.T., Wei, F.Y. On the compositional, optical and electrical characteristics of vacuum-deposited GaAs_{1-x}P_x films prepared by a successive evaporation method 1-53095
- Hung, Y.Y., Pottinger, M.G. An improved oblique-incidence technique for principal-strain separation in photoelastic coatings 1-6834
- Hung Cheng, Dickinson, J.A. Diagrammatic derivation of the eikonal formula for high-energy scattering in Yang-Mills theory 1-45141
- Hung Peng Tsung see Tsung Hung Peng
- Hung Tin-Kan see Tin-Kan Hung
- Hung Ting-Cheng see Ting-Cheng Hung
- Hung-Chia Huang see Huang Hung-Chia
- Hung-Hui Hsieh, Fonstad, C.G. Liquid-phase epitaxy grown PbSnTe distributed feedback laser diodes with broad continuous single-mode tuning range 1-15182
- Hung-Sheng Tsao see Hagiwara, T. 1-50296
- Hunger, M. see Szcurek, T. 1-23283
- Hungerford, E.V. K-meson experiments 1-50661
- Hungerford, E.V., III see Hofstetzer, J.H. 1-41142
- Hungerford, P. see Jung, G. 1-36904
- Hunklinger, S. see Baumann, T. 1-2570
- Hunklinger, S. see Bubenzer, A. 1-320
- Hunklinger, S. see Vacher, R. 1-30346
- Hunneman, R. see Sealey, J.S. 1-40350
- Hunsinger, B.J. see Adler, R. 1-47713
- Hunsinger, B.J. see Datta, S. 1-7446, 1-24544
- Hunsinger, B.J. see Lentine, A.L. 1-24638
- Hunstead, R.W. see Blades, J.C. 1-44668
- Hunston, D.L., Zakin, J.L. Flow-assisted degradation in dilute polystyrene solutions 1-51751
- Hunt, B.D. see Kleinsasser, A.W. 1-47812
- Hunt, B.L. see Lamont, P.J. 1-11436
- Hunt, C.A. The effect of masking in TV image intensifier fluoroscopy 1-31776
- Hunt, C.E.L. Verification of a mechanistic model for the strain rate of Zircaloy-4 fuel sheaths during transient heating 1-48453
- Hunt, C.E.L., Schulson, E.M. Recrystallization of Zircaloy-4 during transient heating 1-12754
- Hunt, C.P., Anthony, M.T., Stoddart, C.T.H., Seah, M.P. The surface analysis of insulators by SIMS and XPS: charge neutralisation-stabilisation of the surface potential 1-43237
- Hunt, G.E. see Butterworth, P.S. 1-9410
- Hunt, G.E. see Caldwell, J. 1-54417
- Hunt, G.E. see Collins, S.A. 1-22721
- Hunt, J.C.R. see Durbin, P.A. 1-1922
- Hunt, J.D. see McCarty, D.G. 1-8295, 1-8296
- Hunt, J.E. see Chan, W.H. 1-35728, 1-35734
- Hunt, J.L. see Coakley, R.W. 1-12513
- Hunt, J.M. see Huc, A.Y. 1-21837
- Hunt, J.N., Baddour, R.E. Nonlinear standing waves bounded by cylinders 1-42061
- Hunt, L.K. see Mason, K.O. 1-49726
- Hunt, R., Wilks, G. On the behaviour of the laminar boundary-layer equations of mixed convection near a point of zero skin friction 1-29645
- Hunt, S.E. The case for the fast breeder and possible environmental consequences 1-33342
- Hunt, W.A., Dalton, T.K. Reduction in cyclic nucleotide levels in the brain after a high dose of ionizing radiation 1-4339
- Hunten, D.M., Tomasko, M., Wallace, L. Low-latitude thermal structure of Jupiter in the region 0.1-5 bars 1-22715
- Hunten, D.M., Turco, R.P., Toon, O.B. Smoke and dust particles of meteoric origin in the mesosphere and stratosphere 1-22409
- Hunten, D.M. see Hamilton, D.C. 1-17783
- Hunter, B.L., Flowers, W.C. Design of a self-contained, regenerative, active/passive, micro-computer-controlled above-knee prosthesis 1-22168
- Hunter, D. see Liburdy, R.P. 1-32319
- Hunter, D.S. see Barnes, G.T. 1-30524
- Hunter, G.C. see Gerchman, M.C. 1-29414
- Hunter, J.B. see Kino, G.S. 1-48594
- Hunter, J.R. see Bliss, R.J. 1-18728
- Hunter, J.S. The national system of scientific measurement 1-50097
- Hunter, L. see Bucksbaum, P. 1-46150
- Hunter, N. see Masuda, K. 1-43905
- Hunter, O., Jr., Scheidecker, R.W., Tojo, S. Characterization of metastable tetragonal hafnia 1-16743
- Hunter, R.E., Hill, G.W. Nearshore current pattern off south Texas: an interpretation from aerial photographs 1-49286
- Hunter, S. see Shimomura, O. 1-35121

- Hunter, T.F. The distribution of solubilise molecules in micellar assemblies 1-8618
- Hunter, T.F., Kristjansson, K.S. Electric to vibrational energy transfer, $I(P_{1/2})$ to H_2 , measured by an optoacoustic technique 1-10823
- Hunter, W.R. see Hutley, M.C. 1-37599
- Huntington, H.B. see Yeh, D.C. 1-47300
- Huntley, D.J. see Wintle, A.G. 1-44164
- Huntley, J.M. see Peterson, C.J. 1-49801
- Huntress, W.R., Jr. see McEwan, M.J. 1-53407
- Huntress, W.T. see McEwan, M.J. 1-12969
- Huntress, W.T., Jr., McEwan, M.J., Karpas, Z., Anicich, V.G. Laboratory studies of some of the major ion-molecule reactions occurring in cometary comae 1-54422
- Huntz, A.M. see Delaunay, D. 1-48562
- Huntz, A.M. see Gomes, J.E.L. 1-35431
- Huntz, A.M. see Lesage, B. 1-16096
- Hunziker, M. see Endres, H. 1-25254
- Hunziker, W., Gunther, C. Bound states in dipole fields and continuity properties of electronic spectra 1-19251
- Huo Chong-ru, Huang Xi-yi The generation of far-infrared radiation by difference-frequency mixing of surface waves 1-46442
- Huo Chong-ru see Zhu Zhen-he 1-51519
- Huo Hong-xian see Wang Wen-cheng 1-29918
- Huper, R. Development, construction, and operating of fast breeders 1-873
- Hupkens, Th.M. see Bronckers, R.P.N. 1-36640
- Hutcheon, H.E. Ice blocks melting into a salinity gradient 1-4513
- Huppert, H.E. The melting of ice in cold stratified water 1-27193
- Huppert, H.E. see Holyer, J.Y. 1-11440
- Huppi, G.S., Matlock, D.K., Krauss, G. An evaluation of the importance of epitaxial ferrite in dual-phase steel microstructures 1-26499
- Huppmann, W.J. see Kayser, W.A. 1-3662
- Huppmann, W.J. see Nikolic, Z.S. 1-16710
- Huraib, F. see Imamura, M.S. 1-53622
- Huray, P.G., Nave, S.E., Peterson, J.R., Haire, R.G. The magnetic susceptibility of ^{248}Cm metal 1-52758
- Huray, P.G. see Nave, S.E. 1-20968
- Hurd, C.M. 'Pressing electricity': a hundred years of Hall effect in crystalline metals and alloys 1-32828
- Hurd, C.M., McAlister, S.P. Galvanomagnetic effects in the solid solution and precipitate phases of AuCo alloys 1-7591
- Hurd, C.M., McAlister, S.P., Shiozaki, I. Weak ferromagnetism and the electrical properties of AuNi alloys 1-42981
- Hurd, J.L. see Nordine, C. 1-42558
- Hurd, R.A., Hayashi, Y. Low-frequency scattering by a slit in a conducting plane 1-29190
- Hurford, G.J., Marsh, K.A., Zirin, H. Interferometric observations of the extreme solar limb at 2.8 and 6 cm during the October 1977 eclipse 1-4863
- Hurford, G.J. see Marsh, K.A. 1-4876, 1-9455, 1-44518, 1-49591
- Hurle, D.T.J. The site distribution of amphoteric dopants in multiply-doped GaAs 1-2491
- Hurley, D. see Simon, A.A. 1-27713
- Hurley, F.W. see Ewbank, W.B. 1-32809
- Hurley, G.F., Bunch, J.M. Swelling and thermal diffusivity changes in neutron-irradiated ceramics 1-2518
- Hurley, J. Resolution of the time-asymmetry paradox 1-213
- Hurley, J. Time-asymmetry paradox 1-23140
- Hurley, K. see Alekperov, T.A. 1-54441
- Hurley, K. see Estulin, I.V. 1-49860
- Hurley, K. see Zenchenko, V.M. 1-9732
- Hurley, M.D., Hohnke, D.K. Mixed electrical conduction in $\text{Ce}_{1-x}\text{Ca}_x\text{O}_{2-x}$ 1-30792
- Hurley, W.V. Revision of the central core of relativity theory 1-32845
- Hurst, A.W. see Mills, A.A. 1-40767
- Hurst, C.A. see Broadbridge, P. 1-49961
- Hurst, C.J. see Nayfeh, A.H. 1-1748
- Hurst, G.M. see Seki, T. 1-32659
- Hurst, G.S., Payne, M.G., Kramer, S.D., Chen, C.H. Counting the atoms 1-1412
- Hurst, G.S. see Chen, C.H. 1-10049
- Hurster, W. see Kleinschmidt, M. 1-28337
- Hurt, N. see Hermann, R. 1-50085
- Hurtig, E., Teupser, Ch., Wolter, J., Bribach, J., Unterreitmeier, E., Strauch, W., Pohl, J. The seismological station network of the GDR 1-40199
- Hurwitz, C.E. see Daidiuk, V. 1-33053
- Hurwitz, C.E. see Daidiuk, V. 1-45014
- Hurwitz, C.E. see Donnelly, J.P. 1-7196
- Hurwood, D.L. The American experience with solar energy in centralized electricity generation: technology and economics 1-21861
- Hurch, Z. see Lee, S.-T. 1-42669
- Hurch, Z. see Seabury, C.W. 1-3576
- Husain, A. see Bergeron, P.A. 1-28668, 1-50883
- Husain, L. see Keil, K. 1-32666
- Husain, S.A. Comfortable heating and cooling by solar reflectors and wind 1-21923
- Husain-Abidi, A.S., Ostrow, H. Thermal IR imaging system using a self-scanned HgCdTe/CCD detector array 1-24513
- Husan, S.I. see Ahsan, Z. 1-5180
- Husar, D. see Emling, H. 1-28368
- Husar, R.B. see Cobourn, W.G. 1-13201
- Husby, D.M. A comparison of surface heat flux estimates from Ocean Weather Station V and merchant vessels in its vicinity in the western North Pacific region, 1956-1970 1-27195
- Husby, K.-O. see Melander, A. 1-26557
- Huse, D.A., Fisher, M.E., Yeomans, J.M. Multiphase behavior and modulated ordering in soluble Ising models 1-34891
- Husebye, E.S. see Bungum, H. 1-27099
- Husebye, E.S. see Mykkelveit, S. 1-22320
- Huseyin, K. see Mandavi, V. 1-24710
- Huseynov, M.J. On the vertical gradient of magnetic field strength in the sunspot umbra 1-17808
- Hush, N.S. see John, I.G. 1-6265
- Husinsky, W.R. see Schweizer, B. 1-25058
- Huson, A. see Wisnams, J. 1-17427
- Huson, F.R. see Hays, P.J. 1-45371
- Huson, M.J. see Williams, E.W. 1-4199
- Huss, D. see Erriques, O. 1-23490
- Hussain, A., Walach, G. Subsurface gravity measurements in a deep intra-alpine Tertiary basin 1-22181
- Hussain, A.K.M.F., Clark, A.R. On the coherent structure of the axisymmetric mixing layer: a flow-visualization study 1-51743
- Hussain, A.K.M.F., Thompson, C.A. Controlled symmetric perturbation of the plane jet: An experimental study in the initial region 1-2049
- Hussain, A.K.M.F., Zaman, K.B.M.Q. Vortex pairing in a circular jet under controlled excitation. II. Coherent structure dynamics 1-33995
- Hussain, A.K.M.F. see Zaman, K.B.M.Q. 1-33994, 1-51758
- Hussain, M. see Fowler, J.L. 1-10593
- Hussain, M.A., Pu, S.L., Noble, B. Stress singularity at the vertex of a flat wedge-shaped crack by variational method 1-24748
- Hussain, M.D. Some applications of solar energy in rural areas 1-21842
- Hussain, N., Bhandari, N., Ramanathan, K.R., Somayajulu, B.L.K. Age of Saurashtra millilites by U-Th decay series methods: possible implications to their origin 1-27125
- Hussain, N., Krishnaswami, S. U-238 series radioactive disequilibrium in groundwaters: implications to the origin of excess U-234 and fate of reactive pollutants 1-26859
- Hussain, S. Asghar see Asghar Hussain, S.
- Hussain, T., Linker, G. Radiation disorder and lattice location in ion implanted aluminium crystals 1-52161
- Hussain, Z., Fadley, C.S., Kono, S., Wagner, L.F. Temperature-dependent angle-resolved X-ray photoemission study of the valence bands of single-crystal tungsten: Evidence for direct transitions and phonon effects 1-20617
- Hussain, Z., Kono, S., Peterson, L.-G., Fadley, C.S., Wagner, L.F. Angle-resolved photoemission study of the clean Cu (001) surface in the photon energy range $40 \leq h\nu \leq 120$ eV: comparison of experiment and simple direct-transition theory 1-39216
- Hussain, Z. see Jaeger, R. 1-20562
- Hussaini, M.Y. see Degani, D. 1-19668
- Hussar, P.E., Kim, Y.S., Noz, M.E. Three-particle symmetry classifications according to the method of Dirac 1-27700
- Hussar, P.E., Kim, Y.S., Noz, M.E. Quark model in the quantum mechanics curriculum 1-27701
- Hussein, A. see Humancic, T.J. 1-41046
- Hussein, A.A. On the nucleation of stacking fault tetrahedra 1-2473
- Hussein, M., Wood, R.J., O'Callaghan, P.W., Probert, S.D. Efficiencies of exergy transductions 1-13151
- Hussein, M.S., McVoy, K.W., Saloner, D. Direct and non-direct contributions to projectile fragmentation at 20 MeV/nucleon 1-28452
- Hussein, M.S., Pato, M.P., Canto, L.F., Donangelo, R. Phase-shift vs wavefunction-equivalent polarization potentials 1-45490
- Hussein, M.S. see Carlson, B.V. 1-41131
- Hussein, M.S. see Fahn, W.E. 1-10387
- Hussein, M.S. see Friedman, W.A. 1-45488
- Hussein, A. see Azarm, A. 1-50834
- Hussein, A. see Unione, A. 1-53660
- Hussein, A.A. see Layton, W.L. 1-23808
- Hussey, C.L., Laher, T.M., Achord, J.M. Observations on the mechanism of the reaction of electrogenerated superoxide ion with 2-phenylenediamine 1-13017
- Hussey, T.W., Kloc, D.A., Beason, C.W., Roderick, N.F. Numerical simulation of the effects of an injected B field on an imploding hollow plasma liner 1-34109
- Hussey, W.J. The National Oceanic Satellite System 1-32600
- Hussin, V. see Beckers, J. 1-36792
- Hussmann, E. see Dislich, H. 1-53114
- Husson, E. see Bhide, V. 1-25218
- Husson, E. see Vandenberg, M.T. 1-31152
- Husson, X. see Grandin, J.P. 1-33539
- Husson, X. see Grandin, J.-P. 1-41352
- Hussonnois, M., Krupa, J.C., Genet, M.M., Brillard, L., Carlier, R. Synthesis and crystal growth of some thorium and uranium tetrahalides: ThCl_4 , ThBr_4 , UCl_4 and UBr_4 1-12648
- Huster, M. see Griffin, J.A. 1-20966
- Huston, A.E., Helbrough, K. The Synchroscan picosecond streak camera system 1-18313
- Huston, E.L., Sandrock, G.D. Engineering properties of metal hydrides 1-21939
- Huston, E.L. see Goodell, P.D. 1-4046
- Huston, J. see Berg, D. 1-28320
- Huston, J. see Collick, B. 1-45290
- Huston, J. see Jonckheere, A. 1-51013
- Huston, R.L. Flexibility effects in multibody system dynamics 1-19558
- Huszy, D. Long-time spectra of radio broadcast programme signals 1-15333
- Hut, P. Stability of tidal equilibrium 1-27554
- Hut, P. A constraint on the distance dependence of the gravitational constant 1-50024
- Hut, P., van den Heuvel, E.P.J. Precession and system parameters in early-type binary models for SS 433 1-54509
- Hut, P. see Klinkhamer, F.R. 1-54360
- Hutano, G., Vasiliu, V.F., Dobrin, A. Contributions towards the realisation of some instruments for measurements in ophthalmology 1-13340
- Hutcheon, R.M., Hodge, S.B. Design and construction of a novel compact doubly achromatic asymmetric 270° magnet system for a 25 MeV therapy electron accelerator 1-51021
- Hutcherson, L.D. see Mergerian, D. 1-1720
- Hutchings, J.B. A note on interstellar absorption in the Magellanic Clouds 1-27618
- Hutchings, J.B., Cowley, A.P., Crampton, D. Optical candidate for LMC X-1 1-17914
- Hutchings, J.B., Cowley, A.P., Crampton, D. IE 1145.1-6141 1-17915
- Hutchings, J.B., Cowley, A.P., Crampton, D. X-ray sources 1-54556
- Hutchings, J.B., Dupree, A.K. The ultraviolet spectrum and flux of HD 152667 (=X-ray source 1653-40?) 1-9566
- Hutchings, J.B., Hill, G. Copernicus observations of β Cephei stars 1-4921
- Hutchings, J.B. see Cowley, A.P. 1-36288
- Hutchings, J.B. see Crampton, D. 1-54544
- Hutchings, M.T. see Dickens, M.H. 1-34508
- Hutchings, R., Loretto, M.H., Smallman, R.E. Oxidation of intermetallic compound NiAl 1-31744
- Hutchings, T.J. see Weng W. Chow 1-1614
- Hutchinson, M. see Lin, J. 1-3544
- Hutchinson, D.A. see Aindow, A. 1-30331
- Hutchinson, D.A. see Aindow, A.M. 1-46641
- Hutchinson, D.A. see Scruby, C.B. 1-42471
- Hutchinson, G.M. see Friedman, M.H. 1-22107
- Hutchinson, H.S., Gentile, K.W., Thornton, R., Gagnon, E.P. Central control system for the TEXT tokamak 1-2259
- Hutchins, J. see Dahm, A.J. 1-16132
- Hutchins, M.G. Optical properties of spectrally selective solar absorber coatings 1-4214
- Hutchins, M.G. Considerations for establishing the durability of solar absorber surface coatings 1-39830
- Hutchins, R.H. see Stewart, G. 1-41888
- Hutchinson, A. see Capasso, F. 1-18294
- Hutchinson, D. see Aston, D. 1-50470
- Hutchinson, D. see Stroynowski, R. 1-18522
- Hutchinson, D.A., Russell, J. The sodium hyperfine splitting constant for the $\text{Na}^+ \text{d}^2$ $^3\text{Na}^+$ triple ion 1-6405
- Hutchinson, D.A., Russell, J., Deboer, J.W.M., Wan, J.K.S. The longitudinal spin-lattice relaxation times of some semiquinone radicals in solution 1-29004
- Hutchinson, D.P. see Milora, S.L. 1-33346
- Hutchinson, D.R. see Freeman-Lynde, R.P. 1-49310
- Hutchinson, H.R. see Grattan, K.T.V. 1-19061
- Hutchinson, I.H., Kissel, S.E. Observation of fluctuating ω_p emission in Alcator Tokamaks 1-2241
- Hutchinson, J.M., Bucknall, C.B. The effects of thermal history on the density and mechanical properties of poly(methyl methacrylate), 1-35327
- Hutchinson, J.W., Tvergaard, V. Surface instabilities on statically strained plastic solids 1-11321
- Hutchinson, M., George, T.F. Spectroscopy of quasibound states formed by molecular collisions in the presence of a laser 1-51317
- Hutchinson, M., Kroto, H.W., Walton, D.R.M. Rotation-vibration analysis of the microwave spectrum of cyanobutadiene, $\text{H}(\text{CC})_2\text{CN}$ 1-1214
- Hutchinson, M. see de Vries, M.S. 1-10791
- Hutchinson, M.H.R. Vacuum ultraviolet excimer lasers 1-29250
- Hutchinson, M.H.R., Levy, C.D.P., Rekten, G.M. Vibrational relaxation studies in noble gas halides 1-29268
- Hutchinson, M.H.R., Smith, P.W. A compact electron beam pumped excimer laser system 1-41745
- Hutchinson, P. see Whalley, P.B. 1-51858
- Hutchinson, S.B. see Dalbal, M.L. 1-37463

- Hutchinson, T.E., Borek, J.R. Experimental determination of detection limits and calibration constants for energy-dispersive X-ray analysis using thin film frozen hydrated solutions 1-31947
- Hutchinson, T.E. *see* Delgado, L.A. 1-30282
- Hutchinson, C.A., Jr., Kemple, M.D. EPR and ENDOR of triplet state diphenyl- h_{10} in diphenyl- d_{10} single crystals. Molecule conformation and spin distribution 1-42993
- Hutchinson, C.A., Jr., Singel, D.J., Hadad, M.N., Kemple, M.D. Electron paramagnetic resonance spectroscopy of Cu^{2+} in hen egg-white lysozyme 1-43854
- Hutchison, J.L. *see* Abrahams, M.S. 1-52443
- Hutchison, J.S. Effect of inelastic scattering on the resonance line shapes in He-graphite 1-39204
- Hutchison, M.S. *see* Edelstein, W.A. 1-39980
- Hutchison, R., Bevan, A.W.R., Agrell, S.O., Ashworth, J.R. Thermal history of the H-group of chondritic meteorites 1-9439
- Hutchison, R., Bevan, A.W.R., Easton, A.J., Agrell, S.O. Mineral chemistry and genetic relations among H-group chondrites 1-36228
- Hutchison, S. *see* Green, D.J. 1-16744
- Hutchison, S.B. *see* Dlabal, M.L. 1-37267, 1-37475, 1-41671
- Huters, A.F. *see* Leventhal, M. 1-9726
- Huth, G.C. *see* Faile, S.P. 1-3585
- Huth, G.C. *see* Slapa, M. 1-18952
- Huth, W.A., Matthys, D.R. Threshold noise and the laser transient 1-6535
- Huthnance, J.M. On shelf-sea 'resonance' with application to Brazilian M3 tides 1-4503
- Huthnance, J.M. On mass transports generated by tides and long waves 1-49283
- Hutley, M.C., Hunter, W.R. Variation of blaze of concave diffraction gratings 1-37599
- Hutman, L.P. *see* Sekuler, R. 1-39930
- Hutson, J.M. Centrifugal distortion constants for diatomic molecules: an improved computational method 1-45930
- Hutson, J.M., Howard, B.J. A new approach to perturbation theory for breakdown of the Born-Oppenheimer approximation 1-33375
- Hutson, J.M., Howard, B.J. Spectroscopic properties and potential surfaces for atom-diatom van der Waals molecules 1-33446
- Hutson Hay, S. *see* Korsch, D. 1-35860
- Huttar, D. *see* Michaels, L. 1-6020
- Huttenbraucker, K., Vohringer, O., Macherauch, E. The influence of alloying on the onset of dynamic strain aging of steels with low carbon content 1-31512
- Huttmann, P.W., Waidmann, G. A real time 155 GHz microwave interferometer for remote electron density measurements in large plasma devices 1-19980
- Hutten, P.F. Van *see* Van Hutten, P.F.
- Hutter, K., Olunloyo, V.O.S. On the distribution of stress and velocity in an ice strip, which is partly sliding over and partly adhering to its bed, by using a Newtonian viscous approximation 1-17629
- Huttner, W. *see* Fitzer, E. 1-35305, 1-35306, 1-48421
- Huttner, W. *see* Fritz, W. 1-2723
- Hutton, J.F. *see* Galvin, G.D. 1-38028
- Hutton, J.S. *see* Adamovich, M.I. 1-45317
- Hutton, J.S. *see* Aston, D. 1-45297, 1-50442
- Hutton, J.S. *see* Fiorino, A. 1-50583
- Hutton, J.T. *see* Coleman, P.G. 1-15019, 1-29123
- Hutton, R.E., Moore, H.J., Scott, R.F., Shorthill, R.W., Spitzer, C.R. Surface erosion caused on Mars from Viking descent engine plume 1-49555
- Hutton, V.R., Dawes, G., Ingham, M., Kirkwood, S., Mbitom, E.W., Sik, J. Recent studies of time variations of natural electromagnetic fields in Scotland 1-40060
- Hutton, W. The role of titania in the formation of $MgO-Al_2O_3-SiO_2$ glass ceramics 1-2339
- Hutton, W.C. *see* Spittle, M.F. 1-26943
- Hutzler, B. *see* Kleimaier, M. 1-15588
- Huu Tinh, N. *see* Levelut, A.M. 1-34226
- Huu Tinh Nguyen *see* Nguyen Huu Tinh
- Huwel, L., Maier, J., Belbing, R.K.B., Pauly, H. Rainbow scattering of $Na(3^2P_{3/2})$ from Hg at hyperthermal energies 1-1309
- Huyberts, M.A.H. *see* Lotgering, F.K. 1-38953
- Huybrecht, A. *see* Ebbeni, J. 1-8964
- Huyer, A. *see* Brockmann, C. 1-54094
- Huyuh, B.H. *see* Kent, T.A. 1-48950
- Huyuh, T.V. Star-polarization: A natural link between phase space representation and operator representation of quantum mechanics 1-18067
- Huyuh, V.D. International comparison of flux density measurements for monoenergetic fast neutrons 1-50096
- Hayne, M., Cornelis, K., Lheronneau, G., Verplancke, J., Walters, W.B., Heyde, K., Van Isacker, P., Waroquier, M., Wenes, G., Vincz, H. The decay of mass-separated ^{99m}Ag 1-41072
- Huzimura, R., Asahi, K., Takenaga, M. An ESR study of thermoluminescent processes in $CaSO_4$ phosphors 1-3505
- Huzimura, R. *see* Yanagisawa, Y. 1-38645
- Huzinaga, S. *see* Tatewaki, H. 1-19016
- Hvam, J.M., Bivas, A. Optical gain and induced absorption in high-density exciton system in $CuCl$ 1-8103
- Hvam, J.M., Brodsky, M.H. Dispersive transport and recombination lifetime in phosphorus-doped hydrogenated amorphous silicon 1-38811
- Hvam, J.M., Brodsky, M.H. Trap controlled dispersive transport by transient photoresponse in doped a-Si:H 1-52601
- Hvelplund, P., Haugen, H.K., Knudsen, H. Single- and double-electron loss from helium by collisions with $v \geq v_0$ multiply charged ions 1-15017
- Hvelplund, P. *see* Knudsen, H. 1-46113
- Hvozدار, M. Anomalies in the field of the Sq-variations and their relation to lateral conductivity inhomogeneities of the Earth 1-4413
- Hvozدار, M. Electromagnetic field due to a circular loop in a conducting medium 1-53970
- Hwa, R.C. Clustering and hadronization of quarks: a treatment of the low- p_T problem 1-10152
- Hwa, R.C. *see* Van Chang 1-45231
- Hwang, A. *see* Duncan, P.M. 1-27258
- Hwang, C.L., Hogg, R. Diffusive mixing in flowing powders 1-16048
- Hwang, D. *see* Meservy, E.B. 1-24992
- Hwang, D.M., Utlaut, M., Solin, S.A. Electron energy loss studies of potassium intercalated graphite 1-48208
- Hwang, D.Q. *see* Chrien, R.E. 1-46917
- Hwang, F.S.W. *see* Brunskill, R.T. 1-6054
- Hwang, H.L., Lin, W.J., Chang, H.J., Sun, C.Y. Preparation of $CuInS_2$ on GaP grown by LPE 1-52447
- Hwang, H.L., Tseng, B.H., Sun, C.Y., Loferski, J.J. Growth and properties of $CuInS_2$ epitaxial layers obtained by chemical vapour transport 1-30588
- Hwang, J.J., Hall, E.L., Nalesnik, W.J. Regional CT image enhancement 1-53895
- Hwang, J.J. *see* Hall, E.L. 1-29225
- Hwang, J.J. *see* Sadjadi, F.A. 1-51891
- Hwang, K.F., Camille, R.J., Jr. Design, fabrication and testing of superconducting solenoid systems for high energy beam applications 1-45755
- Hwang, K.-S. *see* Lenel, F.V. 1-3668
- Hwang, S.K. The effect of high temperature fatigue on the fracture toughness of a nickel-base alloy 1-53277
- Hwang, S.K. *see* Nasim, M. 1-12769
- Hwang, T.Y. *see* Anderson, D.L. 1-7967
- Hwang, W. *see* Yang, E.S. 1-43781
- Hwang, W.S., Sozzi, G.L., Lee, L.S. TLTA system performance during a BWR small-break simulation 1-50821
- Hwang, W.-Y.P., Henley, E.M. Parity violation in electron-deuteron scattering. I. Methodology and elastic scattering 1-28322
- Hwang, W.-Y.P., Miller, G.A. Deuteron photodisintegration: impulse approximation and gauge invariance 1-695
- Hwang, W.-Y.P. *see* Freedman, R.A. 1-50458
- Hwang, W.-Y.P. *see* Henley, E.M. 1-45497
- Hwang Dah-Min *see* Dah-Min Hwang
- Hwang Soon-Mo *see* Soon-Mo Hwang
- Hwangbo Chang Kwon *see* Chang Kwon Hwangbo
- Hwu, Y.P. Interference rings by multiple internal reflections 1-13980
- Hwu, Y.P. More holographic interference fringe patterns by thermal deformation 1-27753
- Hy, Z.H. *see* Huang, L.Y. 1-51359
- Hy Hau, N., Blinowski, J., Rigaux, C., Le Toullec, R., Furdin, G., Herold, A., Vangelisti, R. Intervale transitions in graphite acceptor compounds 1-47584
- Hy Hau Nguyen *see* Nguyen Hy Hau
- Hyafil, F. *see* Bernasau, J.-M. 1-19112
- Hyams, B. *see* Chabaud, V. 1-50468
- Hyams, B. *see* Chabaud, V. 1-10392
- Hyams, B. *see* Daum, C. 1-14424, 1-28357
- Hyams, B. *see* Gorlich, L. 1-5656
- Hyams, B.D. *see* Heijne, E.H.M. 1-28791
- Hyatt, B.Z. Corrosion behavior of AM-350 stainless steel in light-water reactor coolant 1-48582
- Hyatt, R.E., Wilson, T.A., Bar-Yishay, E. Prediction of maximal expiratory flow in excised human lungs 1-22027
- Hyatt, R.E. *see* Castile, R.G. 1-53807
- Hyatt, R.E. *see* Schmid, R.G. 1-26926
- Hyde, B.G. *see* Nyman, H. 1-34283
- Hyde, C. *see* Kelly, J. 1-28388
- Hyde, J.S. *see* Francis, W. 1-7938
- Hyde, T.H. The effect of transverse pressure loading on the thermal ratcheting of circular plates 1-41955
- Hyde, W.T. *see* Moore, R.A. 1-28862
- Hyder, S.B. *see* Saxena, R.R. 1-3628
- Hydes, P.C. Ruthenium as an electrical contact material 1-13015
- Hyland, A.R., McGregor, P.J., Robinson, G., Thomas, J.A., Becklin, E.E., Gately, I., Werner, M.W. The infrared emission of G333.6-0.2, an extremely nonspherical H II region 1-22858
- Hyland, A.R. *see* Jones, T.J. 1-49751
- Hyland, G.J., Stoneham, A.M. Anharmonic specific heat of solid UO_2 1-34485
- Hybsky, E. *see* Courtney, J.C. 1-18898
- Hylten, G., Andersson, G., Areskoug, M., Gustafson, H.-A., Schroder, B., Hagebo, E. A weighing procedure for thickness determination of thin nuclear targets 1-27923
- Hylton, D.C. *see* Denson, C.D. 1-41998
- Hyman, H.A. *see* Duzy, C. 1-14853
- Hyman, H.A. *see* Trainor, D.W. 1-1626
- Hyman, L. *see* Derrick, M. 1-45261
- Hyman, L.G., Sheppard, J.F., Smith, R.P. Superconducting compensator magnets to be used with the HRS spectrometer at the SLAC PEP facility 1-45756
- Hyman, L.G. *see* Dawson, J. 1-44918
- Hyndman, B.W. Cardiovascular recovery to physiological stress: a means to diagnose man and task? 1-32296
- Hyne, J.B. *see* Chivers, T. 1-17315
- Hynes, A.J., Brophy, J.H. Perturbation-enhanced quenching of laser-excited $CS^+ II(\nu=0)$ by atomic oxygen 1-6340
- Hynes, A.J., Brophy, J.H. Laser-induced fluorescence studies of $CS^+ d^2 \Delta(\nu=4)$ 1-29029
- Hynes, D.M. *see* Edmonds, E.W. 1-43971
- Hynes, J.T. *see* Grote, R.F. 1-8553
- Hynes, J.T. *see* Northrup, S.H. 1-8552
- Hynes, M.V. *see* Kelly, J. 1-28388
- Hynes, M.V. *see* Rad, F.N. 1-23646
- Hyne, F. An extinction theorem for optical scattering 1-19258
- Hyne, F. Quantum statistics of an ideal molecular gas 1-40618
- Hyo Chul Myung *see* Ktorides, C.N. 1-488
- Hyodo, H. *see* Iio, K. 1-12304
- Hyodo, T., Kasai, J., Takakusa, Y. On the anomalous broadening of the positronium peak in NaF: possibility of metastable self-trapped positronium state 1-39177
- Hyodo, T. *see* Fujita, H. 1-19799
- Hyodo, T. *see* Oka, Y. 1-10416
- Hyodo, T. *see* Shin, K. 1-18715, 1-18890, 1-28697, 1-50971
- Hyodo, T. *see* Takakusa, Y. 1-39176
- Hyon Suong-Hyu *see* Suong-Hyu Hyon
- Hyong-Yong Ra, Dai-Hoon Lee. The influences of vibration on the structures of Cu-Pb alloys 1-53168
- Hyoung Kang Chan *see* Chan Hyoung Kang
- Hyson, E.J. *see* Dall, H.E. 1-22681
- Hyson, P., Fraser, P.J., Pearman, G.I. A two-dimensional transport simulation model for trace atmospheric constituents 1-13526
- Hyson, P. *see* Pearman, G.I. 1-13527
- Hysspeckla, L., Mazanec, K., Riman, R. Contribution to the mechanism of unstable flow in martensite 1-2543
- Hysspeckla, L. *see* Tvrdy, M. 1-12768
- Hyun Dow-Bin *see* Dow-Bin Hyun
- Hyun Jong Shin *see* Jae Kwan Kim 1-45298
- Hyun Oh Jae *see* Jae Hyun Oh
- Hyun Park Soo *see* Soo Hyun Park
- Hyun-Kee Cho *see* Kee-Do Woo 1-53213
- Hyung Lee Dong *see* Dong Hyung Lee
- Hyung Shik Kim *see* Chan Soo Han 1-49425
- Hyung-Boo Kang. Improvement of pulse characteristics of glass laser oscillator 1-1604
- Hyvern, P. *see* Auguie, D. 1-42291
- Hyvonen-Dabek, M., Nikkinen-Vilkki, P. Determination of neutron generator fast neutron spectra using threshold detectors 1-28796
- Hyzer, W.G. Instant high-speed motion analysis system 1-5426
- I. Kim Sun *see* Sun I. Kim
- I Yin Lo *see* Lo I Yin
- I-Chang Ma *see* McDonald, J.C. 1-44007, 1-44008
- I-Ming Tang *see* Phaivibul, O. 1-38518
- I-Shih Liu *see* Wang, C.-C. 1-33889
- I-Wu Shen, P., Iyer, P.A., Regan, D.R. Experimental and analytical investigations of thermal blooming in axial pipe flow 1-37559
- I-Wu Shen, P. *see* Kelly, R.E. 1-1655
- Iacono, P. Origin of the thermoluminescence in zircon 1-12590
- Iacono, P., Caruba, R. Trapping and emission centres in X-irradiated zircon. III. Influence of trivalent rare-earth impurities 1-39163
- Iacchello, F. The interacting boson-fermion model 1-607
- Iacchello, F. How well can we predict nuclei far from stability? 1-10303
- Iacchello, F. Group theory and nuclear spectroscopy 1-10306
- Iacchello, F. Dynamical symmetries in nuclear physics 1-28402
- Iacona, C. *see* Bonazzola, L. 1-26038
- Iacopini, E., Smith, B., Stefanini, G., Zavattini, E. On a sensitive ellipsometer to detect the vacuum polarization induced by a magnetic field 1-40955
- Iagolnitzer, D. Macrocausality, unitarity and physical-region structure of the multiparticle S matrix 1-10095

- Iagolnitzer, D. (editor) Complex Analysis, Microlocal Calculus and Relativistic Quantum Theory Proceedings 1-36455
- Ianas, M., Popescu, C. Migration in time of seismic sections by wave equation method 1-40230
- Iandelli, A., Olcese, G.L., Palenzona, A. On the mixed valence behaviour of ytterbium in the compound YbPd 1-34492
- Iandolo, M.J. see Bahil, A.T. 1-13236
- Iannace, D., Romano, A. A variational principle to derive the different boundary problems of equilibrium of elastic dielectrics 1-37806
- Ianniello, C. Hammer mill noise reduction 1-41918
- Iannone, L.A. see Phillips, S.J. 1-44047
- Iannotta, S., Valbusa, U. High-resolution H atom scattering from NaCl(001) 1-16646
- Iannotta, S. see Anderle, M. 1-24235
- Iannotta, S. see Bassi, D. 1-50271
- Iannuzzi, M.P., Kaufman, F. Rates of some reactions of $N(^2D)$ and P near 300K 1-26725
- Iano, P.J. see Pinkston, W.T. 1-28398
- Iarocci, E. see Bacci, C. 1-575
- Iarocci, E. see Battistoni, G. 1-14757
- Iarocci, A. see Dinca, F. 1-24680
- Iba, D. see Kawasaki, K. 1-926
- Iba, D. see Matsuzaki, Y. 1-2226
- Ibach, H. see Baro, A.M. 1-48205
- Ibach, H. see Persson, B.N.J. 1-15024
- Ibach, H. see Schlatter, G. 1-8432
- Ibanez, J.A., Tejerina, A.F., Garrido, J., Pellicer, J. Diffusion salt flow through membranes and permeability determination from cell potential measurements 1-35576
- Ibanez, L.E. Fermion masses in grand unified theories: Effective Yukawa terms 1-45191
- Ibanez, R.E. see Del Aguila, F. 1-33141
- Ibanez, R.R. see Jauregui, E.A. 1-53749
- Ibanez-Mengual, J.A., Tejerina-Garcia, A.F. Quantum treatment for the unidimensional steady transport in continuous systems 1-23129
- Ibanoglu, C., Kurutac, M., Tumer, O., Evren, S., Tunca, Z., Ertan, A.Y. Light curve variations of RT Lacertae 1-9728
- Ibara, C. see Buel, S. 1-52913
- Ibaragi, K. see Uyeda, S. 1-44132
- Ibaraki, Y., Katoh, A. Humidity correction in the standard measurement of exposure 1-1004
- Ibarra, J. see Ojeda-Castaneda, J. 1-41594
- Ibata, A. see Sakamoto, Y. 1-12280
- Ibbotson, D.E., Wittig, T.S., Weinberg, W.H. The co-adsorption of hydrogen and carbon monoxide on the (110) surface of iridium 1-7466
- Ibbotson, D.E. see Wittig, T.S. 1-38663
- Ibbotson, M. see Adamovich, M.I. 1-45317
- Ibbotson, M. see Aston, D. 1-14399, 1-45297, 1-50442
- Ibbotson, M. see Fiorino, A. 1-50583
- Ibbs, S. Cine frame counter 1-10045
- Ibe, E. Experimental results from a fluctuation monitor type sodium ionization detector 1-812
- Ibe, E., Sagawa, N., Nagata, T., Horikoshi, S. Small sodium-to-gas leak detectors for MONJU 1-10499
- Ibers, J.A. see Schramm, C.J. 1-47621
- Ibisch, E., Andresen, U. High resolution spectroscopy of the ν_3 band of fluoromethane (CF_3) by the laser Stark method 1-6246
- Ibl, N. see Puppe, J.C. 1-35544
- Ibobi Singh, N. see Yadav, R.D.S. 1-7216
- Ibragimov, A.M. Theoretical and experimental research of wave current effect upon the streamlined barriers 1-40139
- Ibragimova, E.N. see Abdullaev, G.B. 1-47655
- Ibragimova, L.B. Population kinetics of the $A^2\Pi$ and $B^2\Sigma^+$ electronic states of CN molecules on a shock wave front 1-1136
- Ibragimova, L.B. Electronic excitation of diatomic molecules behind a shock front 1-41486
- Ibrahim, A. Mahammad see Mahammad Ibrahim, A.
- Ibrahim, B.B., Sussman, M.M., Anderson, J.H., Duncanson, F.T. The k - ϵ turbulence model prediction of vortex shedding behind bodies 1-10425
- Ibrahim, E.F. Creep ductility of cold-worked Zr-2.5 wt.% Nb and Zircaloy-2 tubes in-reactor 1-43430
- Ibrahim, E.M. see Gouda, V.K. 1-48560
- Ibrahim, E.Z. The ablation dominated polymethylmethacrylate arc 1-11608
- Ibrahim, I.B., Jamali, U.F. Who should pay for the exploration and production of new oil? 1-8658
- Ibrahim, M. see Babulanan, S.M. 1-47758
- Ibrahim, M.B., Walker, V. Heat transfer to variable property fluids in turbulent pipe flow 1-37908
- Ibrahim, M.F.E., Miller, K.J. Determination of fatigue crack initiation life 1-1881
- Ibrahim, N.M.S. see Doss, S.H. 1-37212
- Ibrahim, O.E., Farish, O. Impulse breakdown and prebreakdown corona processes in SF_6 and SF_6/N_2 mixtures 1-7027
- Ibrahim, O.E., Farish, O. Negative-point breakdown and prebreakdown corona processes in SF_6 and SF_6/N_2 mixtures 1-11624
- Ibrahim, S. see Deryp, J.L. 1-31567
- Ibrahim, S.I., Whittaker, V.N. The influence of compressive stresses and other factors on the detection of fatigue cracks using ultrasonics 1-12940
- Ice, G.E. see Brown, G.S. 1-24094
- Icerman, L., Myers, K., Swift, A. The potential of combined wind-solar energy conversion systems for electric utility capacity displacement 1-35604
- Ichihara, M. see Suzuki, K. 1-52139
- Ichikawa, H. see Nakajima, Y. 1-51129
- Ichikawa, K. see Kamada, M. 1-39213
- Ichikawa, K. see Takahashi, T. 1-31449
- Ichikawa, M. The effect of hydrogen bonding on the bond lengths and angles in the carboxyl group 1-24283
- Ichikawa, M., Iwasaki, H., Endo, S. Effect of high pressure on the order-disorder transition in CuPt 1-52280
- Ichikawa, M. see Akiba, R. 1-27358
- Ichikawa, M. see Nagata, H. 1-11377
- Ichikawa, M. see Tanaka, S. 1-39422
- Ichikawa, M. see Uchida, M. 1-10439
- Ichikawa, R., Miwa, K. Apparent viscosity and structure in partially solidified hyper-eutectic Al-Mn alloy under stirring 1-53167
- Ichikawa, T., Ino, S. Missing spots in RHEED patterns from the $Si(111)(6\times 1)$ -Ag surface structure 1-2789
- Ichikawa, Y., Hobson, R.M., Maruyama, T., Teii, S. The measurement of a glow discharge plasma by a self-absorption method under a condition of plasma nonuniformity 1-38153
- Ichikawa, Y., Teii, S. Molecular ion and metastable atom formations and their effects on the electron temperature in medium-pressure rare-gas positive-column plasmas 1-11607
- Ichikawa, Y. see Hobson, R.M. 1-38129
- Ichikawa, Y. see Jen Shih Chang 1-38185
- Ichikawa, Y. see Maruyama, T. 1-38154
- Ichikawa, Y.H. see Wadati, M. 1-49950
- Ichiki, A. On the difference in the sensitivity of the pyrometer as between the shortwave and the longwave spectral region 1-4636
- Ichimaru, S., Tago, K. Wigner crystallization and the onset of a charge-density-wave instability in strongly coupled, classical, one-component plasma 1-47697
- Ichimaru, S. see Itoh, N. 1-2151, 1-2896
- Ichimaru, S. see Nagano, S. 1-7415, 1-11516
- Ichimaru, S. see Utsumi, K. 1-7545, 1-25654
- Ichimura, M., Imabayashi, M. The effect of voids on the diffusivity and solubility of hydrogen in aluminum 1-2637
- Ichimura, S., Le Gressus, C., Shimizu, R. Study on the background under Auger electron emission 1-43227
- Ichimura, T. see Shiotani, T. 1-25440
- Ichimura, T. see Unishi, M. 1-43481
- Ichinose, H. see Ishida, Y. 1-20224
- Ichinose, J., Ishida, T., Maekawa, T., Yokokawa, T. Enthalpies of $NaBeF_3$, Na_2BeF_4 , and $\{(1-x)NaF+xBeF_2\}$ 1-11885
- Ichinose, M., Maeda, R., Ito, S. A prediction method for sunspot activity 1-4846
- Ichinose, T. see Shiba, K. 1-15560, 1-19849, 1-24906, 1-29818
- Ichinose, Y., Kumasaka, N., Yamashita, T. Effects of mechanical polishing on the magnetic properties of Mn-Zn ferrite single crystals 1-8443
- Ichinose, Y. see Asano, S. 1-4474
- Ichinose, Y. see Kaneda, Y. 1-4453
- Ichioke, Y., Takubo, Y., Matsuoka, K., Suzuki, T. Iterative image restoration by a method of steepest descent 1-46238
- Ichise, E. see Alcock, C.B. 1-25437
- Ichihyanagi, M. Rotons and the Gross-Pitaevskii equation 1-2734
- Ichihyanagi, M. Noise operators and approximate state vectors 1-34533
- Ichien, N.M., Yanofsky, N. Computers' key role in Candu control 1-876
- Ichkitidze, L.P., Skobelkin, V.I. Peak effect in superconducting films in parallel magnetic field 1-42933
- Ichkitidze, R.R. see Biryulin, Yu.F. 1-26370
- Ichtiarglou, S. Elliptic Hill's problem: the continuation of periodic orbits 1-27362
- Ichtiarglou, S., Katopodis, K., Michalodimitrakakis, M. General three-body problem: families of vertical critical periodic orbits 1-36162
- Ichtiarglou, S. see Katopodis, K. 1-13669
- Icke, V. Construction of a gravitational lens 1-9812
- Ichtiarglou, S., Katopodis, K., Michalodimitrakakis, M. Restricted problem: families of vertical critical periodic orbits 1-17758
- Ida, M., Kayama, Y., Kitazoe, T. Inclusion of generations in SO(14) 1-40956
- Idayatov, E.I. Electrical conductivity of piezoelectric semiconductors in crossed strong electric and magnetic fields 1-34719
- Idczak, E., Oleszkiewicz, E., Tancula, M. Ellipsometric examination of ion-plated chromium films in the visible spectral range 1-16621
- Idczak, E., Zukowska, K. Optical properties and microcharacteristics of thermally evaporated ytterbium films 1-35111
- Idegawa, H. see Miyazawa, T. 1-18732
- Idehara, T., Hayashi, H. Excitation of the Trivelpiece-Gould wave in a magnetized plasma by a slow waveguiding circuit. II 1-51936
- Idehara, T., Usami, K., Ishida, Y. Observation of the simultaneous amplification of space charge and fast cyclotron waves in a spiral beam-plasma system 1-11568
- Idehara, T., Usami, K., Ishida, Y. Behavior of the fast cyclotron wave in a nonuniform magnetic field 1-46892
- Idemen, M. Necessary and sufficient conditions for a surface to be an impedance boundary 1-41535
- Idemen, M., Serbest, H. Some canonical problems of GTD related to edges on spherically curved surfaces 1-6436
- Iden, C.R. see Francis, A.J. 1-832
- Ideriah, F.J.K. An inertial relaxation method of curing numerical instability in prediction of flows influenced by severe body forces 1-19676
- Idesawa, M., Yatagai, T. Scanning moiré method and its application to automatic measurement of 3-D shapes and deformations 1-23296
- Idesawa, M. see Yatagai, T. 1-40753
- Ido, M. see Kawabata, K. 1-52550
- Ido, M. see Takashima, T. 1-12119
- Ido, S., Higaki, S., Okehara, J., Imasaki, K., Nishihara, K., Yabe, T., Nakai, S., Yamanaka, C. Pellet grain optimization of particle beam fusion with Au shell and DT fuel target 1-50927
- Ido, S., Tsuyuzaki, H., Takamoto, K., Omata, F. An accurate positioning stage using hydraulic cylinder [electron beams] 1-5440
- Ido, S. see Daido, H. 1-11033
- Ido, T. Liquid-phase epitaxy of ZnSe at low temperature 1-35192
- Ido, T. see Iwata, R. 1-53900
- Idogawa, T. see Nagai, K. 1-242
- Idrichan, G.Z. see Sorokin, G.P. 1-12522
- Idro, S.B. see McFarlane, J.C. 1-13219
- Idzko, J. see Ower, H. 1-45397
- Ieda, M. see Kitagawa, K. 1-43067
- Ieda, M. see Mizutani, T. 1-21118, 1-43062
- Ieda, M. see Nakamura, S. 1-42566, 1-42567
- Ieki, K. see Gono, Y. 1-50544
- Iemmi, G. see Folonari, C. 1-21874
- Ienik, L. see Grishin, V.G. 1-45356
- Iesan, D. Incremental equations in thermoelasticity 1-19566
- Ievlev, V.M., Kushchev, S.B., Komarov, V.V. Structure of the interphase boundary in epitaxial W-Mo bimetal films 1-11985
- Ievlev, V.M. see Bugakov, A.V. 1-2831
- Ievlev, V.P. see Bugakov, A.V. 1-2831
- Ievleva, Zh.I. see Aleksandrov, V.I. 1-7604
- Ieyasu, K. see Doi, T. 1-3494
- Ifukube, T., Nitadori, Y., Tanaka, K. A tactually coded vocoder 1-49157
- Iga, K. Single-mode conditions for $Ga_{1-x}In_xAs_yP_{1-y}$ /InP double-heterostructure strip waveguides with $Ga_{1-x}In_xAs_yP_{1-y}$ side bounding layers 1-6568
- Iga, K., Miller, B.I. CW operation of $GaInAsP/InP$ laser with chemically etched mirror 1-1581
- Iga, K., Pollack, M.A., Miller, B.I., Martin, R.J. $GaInAsP/InP$ DH lasers with a chemically etched facet 1-15183
- Iga, K. see Coldren, L.A. 1-24428
- Iga, K. see Moriki, K. 1-19354
- Iga, K. see Oikawa, M. 1-41887
- Iga, K. see Takakura, T. 1-46352
- Igaki, K. see Kasuya, A. 1-48141
- Igaki, K. see Mochizuki, K. 1-43159
- Igaki, K. see Nagano, M. 1-47298
- Igaki, K. see Nakano, M. 1-25419, 1-26376
- Igaki, K. see Satoh, S. 1-12570
- Igaki, T., Takekoshi, H., Hanai, T., Nishidai, T., Abe, M. PIXE analysis using Kyoto University cyclotron 1-17118
- Igarashi, A. see Tsurui, A. 1-41987
- Igarashi, H. see Okazaki, K. 1-16538
- Igarashi, K. see Furukawa, K. 1-28592
- Igarashi, R., Narita, Y. On the possibility of increasing the detection efficiency of exocytosis by means of delayed pulses in GM counter 1-14211
- Igarashi, R. see Kamisuki, T. 1-3380
- Igarashi, T., Osada, M. Internal oxidation kinetics of Ag-Cd-Sn alloys 1-25509
- Igarashi, T., Osada, M. Internal oxidation of Ag-Ni two phase alloys with fibrous structures 1-31741
- Igarashi, T., Shibata, M., Osada, M. Precipitation behavior of oxides during internal oxidation of Ag-Cd-Sn alloys 1-26471
- Igarashi, T. see Yoneoka, T. 1-26666
- Igarashi, Y., Kuroda, M., Kitakado, S. Octet enhancement as a nonplanar effect in hadronic weak decays 1-18476
- Igarashi, Y. see Fukuda, R. 1-5598
- Igarashi, Y. see Hara, H. 1-12963
- Igarashi, Y. see Ueda, M. 1-46622
- Igata, N., Kohno, Y., Saitoh, M., Tsunakawa, H. A study on void swelling of stainless steel in a high voltage electron microscope 1-38409

- Igawa, A., Fukutome, H. Unrestricted Hartree-Fock description of the ground state of N_2 1-6156
- Igi, K. see Hikasa, K. 1-10169
- Igielski, A. see Drozdowicz, K. 1-28510
- Iglesias, G.E., de Cudmani, L.C., Colombo, E. Anemometers with thermistors 1-4657
- Iglesias-Sicardi, J.R., Aveline, I. A two-band model for intermediate valence compounds 1-7565
- Iglói, F. Simple analytic model for the free energy of liquid metals 1-42289
- Iglói, F., Kollar, J. Cluster perturbation theory for classical fluids. II. Applications for a hard sphere reference system 1-52038
- Ignaczak, J., Bialy, J. Domain of influence in thermoelasticity with one relaxation time 1-37804
- Ignashov, I.A., Bystroumov, V.A. Temperature distribution in a rotating hollow cylinder 1-11294
- Ignatavicius, M. see Valuzis, A. 1-41772
- Ignatenko, A.I. see Gertsriken, D.S. 1-20468
- Ignatenko, A.S. see Rodionov, Y.A. 1-341
- Ignatenko, E.I., Pytkin, Yu.N. Boron control of water-moderated water-cooled power reactor during operation under variable loads 1-28644
- Ignat'ev, A.I. Fibrogastroscope attachment for motion picture filming 1-4351
- Ignat'ev, A.I. see Volkov, Yu.M. 1-5756
- Ignat'ev, A.S. see Burgov, V.Ya. 1-51579
- Ignat'ev, A.Yu., Kuz'min, V.A., Shaposhnikov, M.E. Thermodynamic consequences of CPT invariance and baryon asymmetry of the Universe 1-13899
- Ignat'ev, B.V., Kalabukhova, V.F., Osiko, V.V., Sobol, A.A. Composition dependence of the Raman scattering spectra of $(1-x)ZrO_2 \cdot xHfO_2$ solid solutions 1-21213
- Ignat'ev, B.V. see Voron'ko, Yu.K. 1-12509
- Ignat'ev, I.S. see Lazarev, A.N. 1-41520
- Ignat'ev, I.V., Ovsyankin, V.V. Spectrum and symmetry of vibrations forming the vibronic wing of the $4f^6 \rightarrow 5d$ to $4f^6$ luminescence of $MeF_2 \cdot P_3^{2+}$ crystals. Jahn-Teller pseudoeffect in $CaF_2 \cdot Sm^{2+}$ and $SrF_2 \cdot Sm^{2+}$ crystals 1-43168
- Ignat'ev, N.K. Vertical resolution in TV motion picture production 1-23342
- Ignat'ev, Yu.G., Fazleeva, A.Z. Collision damping of gravitational waves in ultrarelativistic plasma 1-40689
- Ignat'eva, L.A. see Valkunas, L. 1-21162
- Ignat'eva, L.N. see Sergienko, V.I. 1-7963
- Ignatiev, A. see Matsuyama, T. 1-34581
- Ignatiev, A. see Smith, G.B. 1-2833, 1-48907
- Ignatiev, A. see Zajac, G. 1-16157
- Ignat'iv, M.I. see Maksimovich, G.G. 1-53246
- Ignat'kov, D.A. Determination of residual stresses in piecewise-inhomogeneous bars and cylindrical parts 1-29558
- Ignat'kov, D.A., Parkanskii, N.Ya., Gitlevich, A.E. Residual stresses in coatings obtained by electrospray deposition of powder metals, and the fatigue resistance of alloyed components 1-43591
- Ignat'kov, D.A. see Gorokhovskii, G.A. 1-35278
- Ignator, A.A. Dielectric nature of high-frequency properties of thin semiconductor films 1-43061
- Ignator, A.A., Provalov, A.A., Khristoforov, B.D., Chernov, O.G. Measurement of the effect of powerful electron beams on barriers 1-15930
- Ignatov, A.V., Lukashik, V.F., Volchek, A.V., Fal'ko, I.I., Shelomanova, A.A., Kuznetsova, A.F., Antipova, N.B., Makova, A.I. Tensoresistors for measurement devices 1-5298
- Ignatov, A.V. see Grinevich, V.S. 1-20890
- Ignatov, A.V. see Klokova, N.P. 1-44903
- Ignatov, A.V. see Shlapak, V.A. 1-30787
- Ignatov, V.A. see Shron, R.Z. 1-26484
- Ignatov, Ye.I., Katagoshin, O.D., Prokhodskiy, I.S., Robsman, V.A., Shlyukov, A.I. Determination of lithodynamic elements by the luminescent tagged sand method along the coast of the Sea of Japan 1-54075
- Ignatowicz, P. Adaptation of the East Fourier Transformation method to solve the Helmholtz equation with coefficient depending on two variables 1-49312
- Ignatowicz, S.A. see Pukowski, B. 1-48189
- Ignat'yev, V.L. see Hajiev, S.N. 1-5316
- Ignatyuk, A.V., Istokov, K.K., Okolovich, V.N., Smirenkin, G.N. Level density and fission probability in spherical and deformed nuclei 1-50689
- Ignatyuk, A.V., Mikhailov, I.N., Molina, L.H., Nazmidtinov, R.G., Pomorsky, K. The shape of the heated fast-rotating nuclei 1-10291
- Ignér, D. see Yurke, B. 1-6190
- Igo, G. see Wriekat, A. 1-23659
- Igo, G.J. see McClelland, J.B. 1-28485
- Igo, S.R. see McGee, M.G. 1-35917
- Igo-Kemenes, P. see Bourquin, M. 1-10276
- Igonin, G.M. see Glazov, G.N. 1-46831
- Igoshin, V.I., Nikitin, V.Yu., Oravskii, A.N. Numerical analysis of the lasing behavior of a $DF-CO_2$ chemical laser 1-33675
- Igra, O. Radiation effects in a nonequilibrium corner-expansion flow of ionizing argon 1-2170
- Igra, O. Preliminary results from the shrouded wind-turbine pilot plant 1-26813
- Iguchi, E., Sawatari, H., Tilley, R.J.D. Recalculations of Madelung potentials and polarisabilities of ions in stoichiometric rutile (TiO_2) 1-7127
- Iguchi, E. see Tilley, R.J.D. 1-25297
- Iguchi, H. see Amagishi, Y. 1-11572
- Iguchi, K., Niegawa, A. Photoproductions of high- p_T photons and pions and parton-transverse-momentum effects 1-14398
- Iguchi, K., Suzuki, K. The migration of electrons in disordered solids 1-16258
- Iguchi, M. see Shimosaka, H. 1-1872
- Iguchi, S., Goto, H., Kato, M., Takeuchi, S., Kuhara, Y., Tada, K. Electrically controlled 2×2 optical switch [for multimode fibre data bus systems] 1-11177
- Ih, C.S. High quality focused-image-hologram for color image preservation 1-41624
- Ih, C.S., Yen, K. Imaging and Fourier transform properties of an all-spherical-mirror system 1-33783
- Ihara, H. see Ebisawa, S. 1-21902
- Ihara, H. see Kumashiro, Y. 1-31342
- Ihara, H. see Yamazaki, M. 1-31959
- Ihara, M., Imai, K., Fukunaga, J., Yoshida, N. Crystal structure of boraoaluminate, $9 Al_2O_3 \cdot 2B_2O_3$ 1-15879
- Ihara, M., Kamei, F. Crystal structure of potassium borosilicate, $K_2O \cdot B_2O_3 \cdot 4SiO_2$ 1-11738
- Ihara, M., Yuge, M., Krogh-Moe, J. Crystal structure of lithium triborate, $Li_2O \cdot 3B_2O_3$ 1-20171
- Ihara, S. On the study of hydrolysis production from water using solar thermal energy 1-17318
- Ihara, T. see Fujita, M. 1-17656
- Ihara, T. see Furuhama, Y. 1-4668
- Ihle, D., Lorenz, B. Electron correlation theory of FeO_2 1-12033
- Ihle, H.R. see DeVan, J.H. 1-28694
- Ihm, J., Cohen, M.L. Equilibrium properties and the phase transition of grey and white tin 1-47259
- Ihm, J., Cohen, M.L., Chelikowsky, J.R. Electronic structure of a Pd monolayer on an Si (111) surface 1-25782
- Ihm, J., Yin, M.T., Cohen, M.L. Quantum mechanical force calculations in solids: the phonon spectrum of Si 1-52246
- Ihm, J. see Northrup, J.E. 1-3040
- Ihrig, H., Hengst, J.H.T., Klerk, M. Conductivity-dependent cathodoluminescence in $BaTiO_3$, $SrTiO_3$, and TiO_2 1-35103
- Ihringer, J. see Hohlwein, D. 1-20034
- Iida, H., Seki, Y. Simple method of eliminating infinite variance in point detector problem of Monte Carlo calculation 1-730
- Iida, H., Seki, Y. A point detector scoring method compatible with Monte Carlo transport calculations of specularly reflected particles 1-23707
- Iida, H. see Schiller, N.H. 1-10038
- Iida, H. see Seki, Y. 1-729
- Iida, M. see Akiba, Y. 1-20860
- Iida, M. see Gomi, T. 1-20730
- Iida, N., Murata, T. Theoretical analysis of pulsatile blood flow in small vessels 1-53803
- Iida, O., Ueda, K., Hahimoto, H. An application of micro-computer to Auger analysis 1-53512
- Iida, S. Structure of Fe_3O_4 at low temperature 1-11734
- Iida, S. see Nishioka, M. 1-42019
- Iida, S. see Tanaka, S. 1-12388
- Iida, S. see Yanai, K. 1-39006
- Iida, T., Hosoe, H., Urahe, I. Kinetic processes of the scintillation in helium excited by alpha particles 1-14843
- Iida, T., Kumada, T., Washio, M., Morita, Z. Determination of the end and slipping effects on the viscosity measurement by the oscillating vessel method 1-30439
- Iida, T. see Nakaoka, Y. 1-30643
- Iida, Y., Takashima, T. Direct-contact heat transfer characteristics: Evaporation of a drop dropped onto a hot liquid surface 1-2040
- Iida, Y. see Daishima, S. 1-51314
- Iiguchi, S. Approximate solution of gravitational metric tensor produced by electromagnetic wave and equation of motion of a material point 1-32884
- Ii'in, Yu.L., Saenko, I.V., Yas'kov, D.A. Preparation and properties of nitrogen-doped GaP crystals 1-38392
- Iijima, K. see Shibata, S. 1-6387
- Iijima, S. Direct observation of the tetrahedral bonding in graphitized carbon black by high resolution electron microscopy 1-2391
- Iijima, S. High resolution electron microscopy of some carbonaceous materials 1-15802
- Iijima, S., Fujii, S., Niimi, Y. (α -L) terms as obtained from PZT observations 1-44074
- Iijima, S., Yamakoshi, H. Angular distributions of resonance neutron scattering from Fe-56 1-18708
- Iijima, S. see Bando, Y. 1-31935
- Iijima, S. see Yamakoshi, H. 1-18720
- Iijima, T. Inert gas mixing effects on the excitation of laser-levels in He-Zn hollow cathode laser discharge 1-10989
- Iijima, T. Spectrophotometric observations of Cl⁻ Cyt in 1979 1-54508
- Iijima, T., Miyata, E., Komiya, J. Sorption and diffusion of weak acids in nylon - dual sorption and diffusion model 1-52357
- Iijima, Y., Taguchi, O., Hirano, K. Interdiffusion in Co-Pt alloys 1-16108
- Iijima, Y. see Hoshino, K. 1-11921
- Iijima, Y. see Tiwari, G.P. 1-2672
- Iino, M. see Onoda, N. 1-17414
- Iino, S., Takahara, M. On evaluation of optimum equilization in optical fiber systems 1-6675
- Iino, Y. Recrystallization-thermal etching of local plastic strain in heat resistant alloys 1-43602
- Iinoya, K. see Yoshida, I. 1-19788
- Iinuma, K. see Takebe, M. 1-12989
- Iio, K., Hyodo, H., Nagata, K. Observations of short-range order by optical birefringence in one-dimensional antiferromagnets $CsNiCl_3$, $RbNiCl_3$ and $CsCoCl_3$ 1-12304
- Iio, K. see Mitsui, T. 1-48099
- Iio, K. see Tanaka, H. 1-52833
- Iio, K. see Yamamoto, I. 1-25865
- Iitaka, Y. see Nawata, Y. 1-30208
- Iizima, S. see Fukui, T. 1-25592
- Iizima, S. see Nakagawa, K. 1-43260
- Iizima, S. see Okushi, H. 1-8709
- Iizuka, K. Review of hologram matrix radars 1-51415
- Iizuka, M., Taguchi, T., Ishino, K. Pattern recognition by means of optical holography techniques. II 1-37421
- Iizuka, S., Okajima, K., Kimura, H., Sengoku, S., Matsumoto, H., Sugie, T., Takahashi, K., Yamauchi, T., Kimagai, K., Kawakami, T., Takeuchi, H., Matsuda, T., Ohasa, K., Nagami, M., Yamamoto, S., Nagashima, T., Maeda, H., Shimomura, Y. Propagation and absorption of the fast magnetosonic wave in the ion-cyclotron range of frequencies in the DIVA Tokamak 1-6996
- Iizuka, S. see Odajima, K. 1-11573
- Iizuka, S. see Saeki, K. 1-19916
- Iizuka, T. see Kimura, H. 1-25275
- Iizuka, T. see Kishino, S. 1-271
- Iizuka, T. see Tajima, M. 1-47556
- Iizumi, K., Kudaka, K., Hanazawa, T., Kita, H. Physical properties of non-stoichiometric sintered TiO ceramics 1-20415
- Iizumi, M. see Axe, J.D. 1-8017
- Iizumi, M. see Endoh, Y. 1-47185
- Ijdo, D.J.W. Cerium scandium sulphide: structure refinement by powder neutron diffraction 1-11728
- Ijdo, D.J.W. see Lelieveld, R. 1-15841
- Ijesseling, F.P. Electrochemical methods in crevice corrosion testing. Report prepared for the European Federation of Corrosion Working Party 'Physico-chemical resting methods of corrosion: fundamentals and applications' 1-31774
- Ikada, Y., Iwata, H., Nagaoka, S., Horii, F., Hatada, M. Monolayers of graft and block copolymers 1-34550
- Ikai, A. see Shiomi, S. 1-7921
- Ikai, S. see Hishida, K. 1-37927
- Ikari, H. Electric field dependence of positronium formation in crystalline quartz 1-12071
- Ikari, S. see Murata, H. 1-50752
- Ikari, T., Shigetomi, S., Koga, Y., Shigetomi, S. Photoluminescence of Zn doped InSe single crystals 1-48159
- Ikawa, K. see Kurata, Y. 1-8346
- Ikawa, K. see Ogawa, T. 1-53098
- Ikawa, S., Yamazaki, S., Kumura, M. Far-infrared bandshapes and angular motion of HCl , H_2O and D_2O in solutions 1-6249
- Ikawa, S.-I. see Yamazaki, S. 1-1222
- Ikawa Shun-ichi see Shun-ichi Ikawa
- Ikabuchi, M. see Kano, E. 1-35822
- Ikedai, H. see Awaya, K. 1-33844
- Ikedai, H. see Suematsu, H. 1-38534
- Ikedai, H. see Suzuki, K. 1-11617
- Ikedai, H. see Suzuki, M. 1-12303
- Ikedai, H. see Yanabu, S. 1-11618
- Ikedai, I., Cheon, B., Akimune, H., Watanabe, K. Plasma loss from Mirror-Torus-System-1 1-38133
- Ikedai, K., Gschneider, K.A., Jr. Effect of high magnetic fields on the electronic specific heat in the strongly Pauli-paramagnetic compound $LuCo_5$ 1-7349
- Ikedai, K., Gschneider, K.A., Jr. Disappearance of the heat capacity peak of $ScIn$ around the Curie temperature in high magnetic fields 1-47894
- Ikedai, K., Gschneider, K.A., Jr., Beaudry, B.J., Atzmony, U. Influence of lattice instability on the superconducting properties of 'La $_2S_3$ ' 1-38882
- Ikedai, K., Watanabe, A., Saito, M. An implantable telemetering system for use in long-term post-operative monitoring 1-13314
- Ikedai, K. see Ando, T. 1-41128
- Ikedai, K. see Baba, T. 1-37446
- Ikedai, K. see Higuchi, H. 1-24433
- Ikedai, K. see Ohsawa, J. 1-15250
- Ikedai, M., Ayama, M. Additivity of opponent chromatic valence 1-13248

- Ikeda, M., Matsunami, H., Tanaka, T. Site effect on the impurity levels in 4H, 6H, and 15R SiC 1-16255
- Ikeda, M. see Cho, T. 1-34096
- Ikeda, M. see Morita, S. 1-47953
- Ikeda, M. see Saito, T. 1-19971
- Ikeda, M. see Yachida, M. 1-22113
- Ikeda, O. see Sato, T. 1-29491, 1-40909, 1-41823
- Ikeda, R.M., Starkweather, H.W., Jr. Calculator interfacing of a dynamic mechanical analyzer 1-39567
- Ikeda, S. Temperature dependence of fatigue process of iron single crystals 1-31648
- Ikeda, S. Some physical aspects induced by the internal variable in the theory of fields in Finsler spaces 1-50007
- Ikeda, S. A thermodynamical aspect underlying the concept of torsion 1-50083
- Ikeda, S., An, H. A nonlinear model for typhoon rainfall (A GMDH algorithm with input data clustering) 1-4577
- Ikeda, S., Ishikawa, Y. Critical phenomena in amorphous ferromagnetic alloys. I. Specific heat measurement 1-7845
- Ikeda, S., Uchikawa, Y. SEM imaging of ferroelectric domains 1-40900
- Ikeda, S. see Harada, I. 1-39072
- Ikeda, S. see Kishi, K. 1-17107
- Ikeda, T. Diffusion and solution of Cl_2 in KCl 1-34507
- Ikeda, T., Nakao, T., Kotani, K., Sumida, I. Reduced clearance effect on critical power in BWR fuel bundles 1-28550
- Ikeda, T., Ohta, N., Ishida, F., Sugita, Y. Magnetic loss and domain-wall mobility in magnetic bubble garnet films 1-16465
- Ikeda, T. see Hikita, T. 1-12464
- Ikeda, T. see Kikuchi, A. 1-7707
- Ikeda, T. see Kudo, S. 1-52903
- Ikeda, T. see Ohta, N. 1-7905
- Ikeda, Y., Bando, Y., Takada, T. Crystal orientation of spinel type ferrite during solid-solid reaction 1-48653
- Ikeda, Y., Ito, H., Matsumoto, G., Hayashi, H. The vaporization and thermochemical stability of lithium aluminates 1-52267
- Ikeda, Y. see Aramaki, S. 1-45128
- Ikeda, Y. see Hamano, K. 1-39046
- Ikeda, Y. see Okanishi, S. 1-32236
- Ikeda, Y. see Yamamoto, H. 1-28410
- Ikeda-Saito, M. see Hori, H. 1-21982
- Ikegami, H. Heating of toroidal plasmas in universities in Japan 1-46901
- Ikegami, H., Morinobu, S., Katayama, I., Fujiwara, M., Yamabe, S. The QDMQ magnetic spectrograph 'RAIDEN'. I. Design and construction 1-10583
- Ikegami, H. see Fujita, Y. 1-28446
- Ikegami, H. see Ohkubo, K. 1-46902
- Ikegami, K., Kageyama, T., Kohno, I. Multiply-charged metal ion source for cyclotron 1-23902
- Ikegami, K. see Tsuda, S. 1-26537
- Ikegami, S. see Nakano, A. 1-8714
- Ikegami, S. see Nakayama, N. 1-8715
- Ikegami, T., Kobayashi, M., Moriyoshi, Y., Shirasaki, S., Suzuki, H. Characterization of sintered MgO compacts with fluorine 1-39291
- Ikegami, T., Tsutsumi, M., Matsuda, S., Suzuki, H. Dopant effect of Cr_2O_3 on densification and grain growth of MgO 1-16723
- Ikegami, T. see Moriyoshi, Y. 1-25277
- Ikegami, Y., Nakajima, T., Ohta, H., Shimazu, H. Sound propagation tests for acoustic detection of simulated sodium-water reaction 1-5893
- Ikegawa, K. see Ohta, A. 1-48635
- Ikegaya, K. see Oishi, Y. 1-6697
- Ikejiri, T. Arc resistance of synthetic resin at low temperatures 1-34986
- Ikenohira, K. see Toda, K. 1-33854
- Ikenoue, J.-i. see Yukawa, T. 1-7930
- Ikeuchi, S., Hirayama, Y. On the observability of young X-ray clusters of galaxies 1-4987
- Ikeuchi, S. see Habe, A. 1-54629
- Ikeuchi, S. see Tomisaka, K. 1-44618
- Ikeuchi, S. see Toyama, K. 1-17892
- Ikeya, M., Miki, T. Electret dosimeter utilizing gas multiplication 1-18899
- Ikeya, M., Miki, T. Present status of ESR dating: reply to Nambi's comment 1-27302
- Ikezaki, K., Kaneko, T., Sakakibara, T. Effect of crystallinity on electrical conduction in polypropylene 1-52342
- Ikezawa, M., Suto, S. The millimeter wave absorption in the paraelectric defect system of $\text{NaCl}\cdot\text{OH}^-$ measured by a Ledatron oscillator 1-12604
- Ikezawa, S., Tsuzuki, M., Aoki, T., Mikami, O. Wireless excitation of ion acoustic wave in a plasma 1-42162
- Ikezi, H. Macroscopic electron lattice on the surface of liquid helium 1-7421
- Ikezi, H., Platzman, P.M. Stability of helium films charged with electrons 1-42605
- Ikezi, H., Schwarzenegger, K.F. Reconnection of magnetic field lines in an elongated toroidal plasma 1-2150
- Ikhlov, E.M. see Vetrov, E.M. 1-23801
- Ikhshanov, R.N. see Bikeev, S.S. 1-24172
- Ikoma, T. see Goto, H. 1-2985
- Ikoma, T. see Katsube, T. 1-4183
- Ikoma, T. see Nitayama, A. 1-47555
- Ikonic, Z., Konjevic, N., Loncarevic, B. Atmospheric pressure pulsed discharge for dye laser pumping 1-41685
- Ikonnikov, V.P. see Petrakovskii, G.A. 1-34630
- Ikuma, T. see Yoshiyagawa, M. 1-1705
- Ikuma, Y. see Moriyoshi, Y. 1-21407
- Ikuno, H. Asymptotic eigenvalues of vector wave equation for guided modes in graded-index fibre 1-33808
- Ikuno, H. see Yata, A. 1-33809
- Ikushima, A. A method for the preparation of He^3 single crystals at ultralow temperatures 1-31337
- Ikushima, A. Transport properties near the superfluid transition in helium 1-47316
- Ikuta, A., Ohta, M. A practical expression of two variate joint probability density distribution with time correlation parameter for random noise 1-15321
- Ikuta, A., Yamaguchi, S., Ohta, M. A statistical consideration of non-stationary random noise and vibration in view of temporal change of cumulants and its application to dynamical prediction of L_x 1-21955
- Ikuta, A. see Ohta, M. 1-29462
- Ikuta, K. Current-carrying plasma in ferromak 1-11586
- Ikuta, K. Current-carrying plasma in ferromak 1-11591
- Ikuta, K. A relaxed condition for purely ohmic ignition in reversed field pinch configurations 1-25050
- Ikuta, K. Twin tori for a new bundle divertor 1-42217
- Ikuta, N. see Kondo, K. 1-20010
- Ikuta, S. Ab initio calculations of the clustering energies and stable structures of $\text{H}(\text{M})^+ + \text{M} - \text{H}(\text{M})_2^+$ ($\text{M} = \text{CO}$ and N_2) 1-33395
- Ikuta, S., Hashimoto, S., Imamura, M. β^- -decay effect on the proton movement in the pyridine-pyrrole hydrogen-bonded system 1-1074
- Ikuta, T., Furuta, N., Kondo, K., Ohe, S. The wavefront of the group mean SEP of normal human subjects 1-17412
- Ikuizawa, Y., Chang, N.S., Matsuo, Y. Amplification of magnetoelastic Love waves in a piezoelectric-magnetic-semiconductor layered composite 1-21028
- Il-Tong Cheon Extended theory of special relativity and photon mass 1-27774
- Ilamed, Y. On realizations of infinite dimensional Lie algebras 1-5528
- Ilamed, Y., Lemanska, M. On exponential and polynomial space-time dependent solutions of the monoenergetic neutron transport equation 1-28515
- Ilan, A., Bond, L.J. Interaction of a compressional impulse with a slot normal to the surface of an elastic half space. II 1-54006
- Ilari, O., Horan, J.R., Franzen, F.L. Occupational radiation exposure trends in the nuclear industry of NEA/IAEA member states 1-28723
- Ilavsky, M., Mikes, J., Dusek, K. The photoelastic behaviour of the ionized poly(acrylic acid) network. Comparison with crosslinked poly(methacrylic acid) 1-48028
- Ilavsky, M. see Havranek, A. 1-53228
- Ilavsky, M. see Hrouz, J. 1-47146
- I'chenko, A.I. see Pikashov, V.S. 1-29679
- I'chenko, A.I. see Braun, O.M. 1-25576
- I'chenko, L.N., Obolzenko, Yu.L. Parametric amplification of elastic waves in a dielectric 1-37748
- Ilechenko, T.V. On the problem of the medium velocity parameters determination from the reflected wave experimental time-travel curve 1-4449
- Ilchishin, I.P., Tikhonov, E.A. Peculiarities of absorption and fluorescence spectra of polymethine dye solutions in liquid crystals 1-3448
- I'chishin, V.V. see Komarov, G.G. 1-44877
- I'chuk, A.G. see Ushakov, A.I. 1-3735
- Ilenchik, I. see Dubinskii, Yu. 1-36134
- Iler, V. see Padikal, T.N. 1-22128
- Iles, M.K., D'Silva, P., Fassel, V.A. Single mode nitrogen pumped dye laser 1-15188
- Iles, P.A. Impact of terrestrial solar cell development on space applications 1-39798
- Iles, Th.L. Brayton-cycle heat pumps for industrial process applications 1-35689
- I'lev, A.Ya. see Solov'ev, S.L. 1-13456
- Ilgelfritz, E.-M., Mueller-Preussner, M. Interacting instantons, $1/N$ expansion and the gluon condensate 1-50319
- Ilic, D.B. see Kino, G.S. 1-48594
- Ilichin, N.N. see Avanesov, A.G. 1-6579
- I'licher, V.Ya. see Bol'shutkin, D.N. 1-26541
- I'licher, V.Ya. see Chernetkii, V.K. 1-21670
- I'licher, V.Ya. see Pecherskaya, V.I. 1-2942
- I'licheva, F. see Gavril, V.A. 1-18208
- Iliev, L.B., Ovcharenko, V.I., Popov, V.P., Pervakov, V.A. Influence of quasilocal oscillations on the thermal expansion and specific heat of metals at low temperatures 1-52319
- Ilieva, K.D. see Jordanova, I.D. 1-23929
- Ilieva, M. see Markov, I. 1-31372
- Ilieva, M.G., Minchev, G.G., Pekhlivanov, Kh.N. Coherent electrooptic system for character recognition 1-33633
- Iliffe, T.M. see Knap, A.H. 1-4219
- Ilin, A.I. see Myshlyayev, M.M. 1-48419
- Ilin, A.S., Vesel'nitskii, I.M., Kozachenko, M.L., Kormakov, A.A., Kotyuk, A.F., Liberman, A.A., Fromberg, A.A. Primary reference measuring transducer [calorimetric method for pulsed laser radiation] 1-5296
- Ilin, B.I. see Grigin, A.P. 1-51779
- Ilin, B.N. Estimation of the energy dissipated in switching 1-3026
- Ilin, G.G., Razumov, V.A., Fishman, I.S. Calculation of the hyperfine splitting and the shift of a spectral line in the theory of atomic fluorescence analysis 1-28923
- Ilin, G.N. see Berlin, A.B. 1-17898
- Ilin, G.N. see Gosachinskii, I.V. 1-32746
- Ilin, L.A. see Vorob'ev, E.I. 1-26857
- Ilin, M.A. see Belov, A.G. 1-26294
- Ilin, M.A. see Grinyaev, S.N. 1-2871
- Ilin, N.P., Masterov, V.F. Distribution of spin density in a semiconductor with magnetic impurities 1-42770
- Ilin, S.I. see Vorob'ev, S.A. 1-30286
- Ilin, V.G., Maksimov, V.M., Polyanski, M.N., Gyzanova, I.P. Investigation of the polarization properties of self-focusing optical elements 1-6623
- Ilin, V.G. see Shabanova, T.V. 1-4931
- Ilin, V.G. see Tatarenov, V.M. 1-24442
- Ilin, V.M. see Devyatikh, G.G. 1-16274
- Ilin, V.P. see Gorskikh, A.A. 1-23367
- Ilin, Yu.L., Saenko, I.V. Solubility of nitrogen in GaP [during zone melting] 1-52294
- Ilin, Yu.L. see Brailovskii, E.Yu. 1-38743
- Ilin, Yu.M. see Georgobiani, A.N. 1-47105
- Ilin, Yu.M. see Vyskubov, V.P. 1-46919
- Ilin, A.M., Kuzenko, A.M. Nonlinear oscillation of a cylindrical panel bound to an elastic base 1-24741
- Ilin, M.A. Superconductivity of antimony and its alloys with bismuth at high pressures up to 14 GPa 1-3090
- Ilin, M.A. see Gurvich, A.M. 1-39990
- Ilin, V.P., Yakushina, G.V., Konstantinova, V.G. Effect of heat treatment on the microstructure and hardness of steel 20Kh13 1-43378
- Ilin, Z.I. see Sokolov, Yu.I. 1-32535
- Ilinova, T.M., Bogdanova, M.V. On determining the transverse relaxation time T_2 from the shape of steady-state pulse of superluminescence in a molecular medium 1-1535
- Ilinova, T.M., Bogdanova, M.V., Fortygina, A.A. Noncoherent interaction between light pulse and semiconductor and molecular media, with allowance for intraband relaxation 1-1616
- I'inskaya, T.A. see Nagibina, I.M. 1-15094
- I'inski, A.I., Podtelezchnikov, A.A. Deformation properties of a model layer composite 1-48418
- I'inski, A.G. see Bukhalenko, V.V. 1-2312
- I'inski, A.I., Palatnik, L.S., Podtelezchnikov, A.A. Manifestation of the scale factor in tension of copper foil 1-16836
- I'inski, A.I., Podtelezchnikov, A.A. On near-boundary relaxation of thermal stresses in a layered composite 1-35298
- I'inski, A.I. see Chermyshev, P.G. 1-47418
- I'inski, A.I. see Kirienko, V.I. 1-38211
- I'inski, A.S., Zarubanov, V.V. Algorithm for calculating normal wave current distribution of asymmetrical strip line 1-6430
- I'inski, A.V., Shadrin, E.B. Role of the surface in recording information on electrooptic semiconducting crystals with electron beams 1-29384
- I'inski, A.V., Shadrin, E.B. Image formation in a dielectric-semiconductor structure during electron-beam irradiation 1-42869
- I'inski, V.N. see Mazets, E.P. 1-22929
- I'inykh, T.V. see Zhevdanov, N.D. 1-52986
- Iliopoulos, J. Gauge symmetries 1-10091
- Iliopoulos, J. see Antoniadis, I. 1-18421
- Ilin, Yu.S., Kirilenko, G.V., Paderin, L.Ya., Petunin, A.N., Sergeev, A.S., Frolov, Yu.K. Radiant flux detectors for the investigation of thermal conditions of machinery elements 1-28063
- I'liv, M.I., Kalikhevich, N.S., Petrov, G.M. On the determination of the azimuth and the collimation error of the transit instrument with photoelectric registration of star transits 1-13690
- Iliarionov, A.A. see Ugai, Ya.A. 1-17042
- Iliarionov, A.I., Stroganov, V.I., Kidyarov, B.I. Vector interactions and nonlinear conical refraction in lithium formate crystals 1-6601
- Iliarionov, A.I. see Stroganov, V.I. 1-24454
- Ilie, B. see Burq, J.P. 1-23912
- Ilenyi, A., Papp, M. Possible use of CAMAC system in acoustical measurements 1-37744
- Illgen, L., Mai, H., Seidenkranz, U., Voigtmann, R. Problems of quantitative secondary ion microanalysis (SIMA) of low alloy steels 1-21683
- Illies, J.H., Baumann, H., Hoffers, B. Stress pattern and strain release in the Alpine foreland 1-54040

- Ill'ina, M.A.** see Golovkova, S.I. 1-1820
- Illinger, J.L., Schneider, N.S.** Water vapor transport in an epoxy resin based on TGMMA and DICY 1-52360
- Illingworth, J.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Ill'inskii, V.N.** see Mazets, E.P. 1-13796
- Ily, H.** Recent bibliography on analytical and sampling problems of a PWR primary coolant 1-13953
- Ily, H.** Nyomottvizes reaktorok primer vizkorenek analitikai es mintaveteli problemai-irodalmi tanulmany (pressurised water reactor primary coolant analysis, sampling problems—short outline 1-23750
- Ily, H.** see Jakli, G. 1-11875
- Ilyushkina, V.A., Noskov, D.A., Shibaev, Yu.A.** Effect of electron neutralization on the ion dynamics in the filtering of an intense ion beam 1-29205
- Ilovaisky, S.A.** see Mouchet, M. 1-13883
- Ilovsky, S.A.** see Chevalier, C. 1-49721
- Ilozhev, A.P.** see Egorov, G.F. 1-10453
- Ischner, B.** see Nix, W.D. 1-31577
- Ilyas, M.** Effective O_2 absorption cross sections for solar absorption data from Lyman α ion chambers 1-17717
- Ilyashenko, E.I., Rosenthal, Yu.D.** Experimental methods for the studies of magnetic bubble dynamics 1-21020
- Ilyashenko, V.S., Mis'kevich, A.I.** Equipment for measuring the effective lifetimes of levels excited by high-energy charged particles 1-51316
- Ilyashova, N.A., Godovikov, A.A., Nenashev, B.G., Popov, S.P.** Synthesis of laffittite $AgHgAsS_3$ 1-16678
- Ilyasov, B.** see Grin, V.P. 1-22248
- Ilyasov, M.Kh.** Dynamic torsion of cone 1-6761
- Ilyasov, M.Kh.** Dynamic twist of hollow cylinder by the load distributed along the lateral surfaces 1-46689
- Ilyasov, R.S.** see Komarov, V.A. 1-33599
- Ilyasov, Yu.P.** see Shabanova, T.V. 1-4931
- Ilyukhin, V.V.** see Bondar', V.I. 1-20026, 1-20179
- Ilyukhin, V.V.** see Chernitsova, N.M. 1-30195
- Ilyukhin, V.V.** see Khalmanov, V.V. 1-25190
- Ilyukhin, V.V.** see Lebedev, V.A. 1-25120
- Ilyukhin, V.V.** see Maksimov, B.A. 1-25222
- Ilyukhin, V.V.** see Matveeva, R.G. 1-42361
- Ilyukhin, V.V.** see Mukhtarova, N.N. 1-30190
- Ilyukhin, V.V.** see Soldatov, E.A. 1-20027, 1-25216, 1-30191, 1-30194
- Ilyukhin, Yu.D.** see Dashuk, A.G. 1-52307
- Ilyushina, E.N.** see Galitskarov, Sh.A. 1-14111
- Ilyushin, I.V.** see Alipchenkov, V.M. 1-19949
- Ilyushina, Z.I.** see Borzhanskaya, V.B. 1-15383
- Imabayashi, M.** see Ichimura, M. 1-2637
- Imada, K.** see Hibi, S. 1-43358
- Imada, M.** Linear response of one dimensional nonlinear system. II 1-9937
- Imada, M.** Frequency dependent mobility of the sine-Gordon chain 1-44849
- Imada, S.** see Matsushige, K. 1-47233
- Imaeda, K., Goodman, F.O.** Analysis of nonlinear pulsatile blood flow in arteries 1-49030
- Imaeda, T., Ohta, T.** Dynamical behavior of critical binary fluids quenched in one-phase region 1-5265
- Imagawa, H.** Quantitative measurements of glass inhomogeneity by the Shelyuski method—calibration experiments by a newly developed apparatus for precise measurement 1-26162
- Imai, H., Ishikawa, H., Tanahashi, T.** InGaAsP/InP separated multilayer stripe geometry lasers emitting at $1.5 \mu m$ 1-33704
- Imai, H., Morimoto, M., Ishikawa, H., Hori, K., Takusagawa, M., Wakita, K., Fukuda, M., Iwano, G.** Accelerated aging test of InGaAsP-InP double-heterostructure laser diodes with single transverse mode 1-46339
- Imai, H., Nomura, S., Kurosawa, T., Fujii, K., Sasaki, Y.** Kinetic study on hydrocarbon formation in graphite-water vapor reaction 1-8564
- Imai, H.** see Morimoto, M. 1-46337
- Imai, H.** see Shima, K. 1-11002
- Imai, H.** see Ueda, O. 1-21256
- Imai, K.** Critical behavior in the spontaneous polarization of ferroelectric tri-glycine sulfate 1-39030
- Imai, K.** see Fujii, K. 1-27090
- Imai, K.** see Hatanaka, K. 1-33255
- Imai, K.** see Ihara, M. 1-15879
- Imai, M., Ohashi, T., Ohtsuka, Y.** Fiber-optic Michelson interferometer using an optical power divider 1-5370
- Imai, M.** see Imai, Y. 1-10906
- Imai, N.** see Ishida, T. 1-40303
- Imai, R.** International plutonium storage schemes 1-767
- Imai, S.** Stability of the nonequilibrium state of a superconductor irradiated by an electromagnetic field 1-1237
- Imai, T., Nishi, K., Yamada, Y., Wada, M.** Construction of a cosmic ray noon hodoscope for display 1-51070
- Imai, T., Okamoto, M., Nagashima, T.** Numerical study of LHFR-heating in a Tokamak 1-11575
- Imai, T., Okamoto, M., Nagashima, T.** Numerical study of LHFR-heating in a Tokamak 1-51963
- Imai, T.** see Kuwano, Y. 1-8710
- Imai, T.** see Shimada, M. 1-11539
- Imai, T.** see Suzuki, M. 1-25039
- Imai, T.** see Uehara, K. 1-38086
- Imai, Y., Imai, M., Ohtsuka, Y.** Optical coherence modulation by ultrasonic waves. II. Application to speckle reduction 1-10906
- Imai, Y., Ueda, M., Kato, A., Kano, Y.** Syntheses of polysulfides and polysulfones by selective oxidation of aliphatic polysulfides 1-39300
- Imai, Y.** see Arai, T. 1-46379
- Imai, Y.** see Mataka, T. 1-12942, 1-43487
- Imai, Y.** see Ohtsuka, Y. 1-15073
- Imai, Y.** see Sakamoto, M. 1-31462
- Imaino, W., Ramdas, A.K., Rodriguez, S.** Linear wave-vector dependence of optical phonon frequencies in bismuth germanium oxide in the vicinity of the Brillouin zone center 1-39091
- Imaino, W.** see Simpson, C.T. 1-3481
- Imaizumi, S., Hata, I., Matsuda, T.** Experimental study of dynamic specific heat capacity of protein aqueous solutions 1-38546
- Imaizumi, S.** see Tsuchida, K. 1-38972
- Imamov, E.M.** see Guseinov, I.I. 1-6129, 1-28865
- Imamov, R.M.** see Khodyrev, Yu.P. 1-7486
- Imamura, H., Wallace, W.E.** Kinetics of desorption of hydrogen from RFe_2H_2 systems 1-25579
- Imamura, H.** see Miyazaki, T. 1-43344
- Imamura, H.** see Wallace, W.E. 1-25580
- Imamura, J.N.** see Durisen, R.H. 1-54471
- Imamura, M.** see Bhattacharya, S.K. 1-22741
- Imamura, M.** see Ikuta, S. 1-1074
- Imamura, M.** see Okada, S. (editor) 1-44717
- Imamura, M.S., Moser, R.L., Sanders, J.A., Broadbent, S., Huraib, F., Khoshaim, B.** 470 kV photovoltaic power system for Saudi Arabia villages 1-53622
- Imamura, T.** see Doi, M. 1-6897
- Imamura, T.** see Magome, N. 1-51725
- Imamura, T.** see Saito, T. 1-7659, 1-46265
- Imamura, Y.** see Sato, S. 1-36999
- Imanaka, K.** see Ohkura, H. 1-39139
- Imanishi, N.** see Nishi, T. 1-50660
- Imaoka, M., Hasegawa, H.** X-ray diffraction study of 2 PbO/SiO₂ glass 1-20075
- Imaoka, M.** see Hasegawa, H. 1-20074, 1-20076
- Imariso, G.** Progress in water electrolysis at the conclusion of the first hydrogen programme of the European Communities 1-43813
- Imasaka, T.** see Sekoguchi, K. 1-33870
- Imasaki, K., Miyamoto, S., Higaki, S., Nakai, S., Nishihara, K., Yamanaka, C.** Energy absorption and transport in layered targets irradiated by a relativistic electron beam 1-6982
- Imasaki, K.** see Ido, S. 1-50927
- Imasaki, K.** see Miyamoto, S. 1-10564
- Imazato, J.** see Hayano, R.S. 1-26104
- Imazawa, K.** see Minami, T. 1-30075, 1-39084
- Imazu, S.** see Shindo, H. 1-19991
- Imbeau, J.A.** see Darling, B.T. 1-81
- Imberger, J.** see Hays Spiegel, R. 1-32475
- Imberger, J.** see Patterson, J. 1-1967
- Imbert, M.** Spectroscopic orbits of double stars determined with the Coravel photoelectric radial velocity spectrometer. II. HD 195987 1-17873
- Imbert, P.** see Bonville, P. 1-12434
- Imbrie, J.Z.** Mass spectrum of the two dimensional $\lambda\phi^2/\phi^4$ quantum field model 1-28159
- Imbusch, G.F.** see McDonagh, C.M. 1-21085
- Imenitov, A.B., Klimenko, E.Yu., Kozitsyn, V.E., Novikov, S.I., Ozhogina, V.K.** Measurement of the stability of overheated superconducting niobium-titanium wires 1-50153
- Imenitov, A.B.** see Dorofeev, G.L. 1-7795
- Imenov, A.N.** see Bessolov, V.N. 1-42855
- Imeson, D.** see Sellar, J.R. 1-2294
- Imhof, K., Trieweller, R.** Radiation treatment planning on the basis of computerized tomograms 1-44003
- Imhoff, C.L., Giampapa, M.S.** The ultraviolet spectrum of the T Tauri star RW Aurigae 1-9488
- Imhoff, D., Chauveau, M.** Pressure regulating device for a cathodic sputtering system using a mercury plasma 1-12656
- Imhoff, M.L., Petersen, G.W.** Delineation of soil boundaries using image enhancement and spectral signature classification of Landsat data 1-9300
- Imley, R.** see Heagy, S.M. 1-50433
- Immerigeon, J.-P.A.** see Kandel, A.Y. 1-16847
- Imme, G.** see Consolo, A. 1-50517
- Immerseel, M.** van see van Immerseel, M.
- Immerseel, M.** van see van Immerseel, M.
- Immirzi, G.** A geometric approach to Abelian lattice theories 1-14225
- Immorlica, A.A., Jr., Ludington, B.W.** Diffusion coefficient and solubility of Ge and GaAs in Pb and application to LPE growth of Ge on GaAs 1-11864
- Imori, M.** see Bartel, W. 1-18500, 1-45253, 1-45254
- Imori, M.** see O'Neill, L.H., Jr. 1-50443
- Imoto, F.** see Kaneko, S. 1-48332
- Imoto, N., Kawana, A., Machida, S., Tsuchiya, H.** Characteristics of dispersion free single-mode fiber in the $1.5 \mu m$ wavelength region 1-15273
- Imoto, N., Yoshizawa, N., Sakai, J., Tsuchiya, H.** Birefringence in single-mode optical fiber due to elliptical core deformation and stress anisotropy 1-19444
- Imoto, S.** see Tanabe, T. 1-18744
- Imoto, T.** see Miyake, M. 1-12668
- Impey, C.D.** see Wolstencroft, R.D. 1-36186
- Impey, R.W., Klein, M.L., McDonald, I.R.** Molecular dynamics studies of the structure of water at high temperatures and density 1-42285
- Imre, A.I., Zepeschnyi, A.I., Tsil'o, V.M., Riskho, M.V.** Excitation of the resonance lines of the Rb^+ ion by electron impact 1-6392
- Imre, K., Ozizmir, E.** Reflection and absorption of electromagnetic waves obliquely incident on a half-space relativistic plasma 1-2228
- Imre, K.** see Razelos, P. 1-41941
- Imre, L.** see Keresztury, G. 1-14899
- Imre-Baan, I.** see Csanady, A. 1-21813
- Imry, Y.** see Ben-Jacob, E. 1-3102
- Imry, Y.** see Buttiker, M. 1-32929
- Imry, Y.** see Gunther, L. 1-2319
- Imshennik, V.S.** see D'yachenko, V.F. 1-42201
- Imura, T.** Possibilities for in-situ observation of basic deformation processes and of other dynamic processes 1-2447
- Imura, T., Kubota, K., Ushita, K., Hiraki, A.** Characterization of hydrogenated amorphous silicon: some behaviors of hydrogen and impurities studied by film characterization techniques 1-4194
- Imura, T.** see Doi, M. 1-25170
- Imura, T.** see Iwami, M. 1-26344
- Imura, T.** see Jesser, W.A. 1-2517
- Imura, T.** see Nohara, A. 1-25276
- Imura, T.** see Yamamoto, A. 1-3899
- in den Baumen, J.** Schulte see Schulte in den Baumen, J.
- In Eung Young** see Young In Eung
- In Gyu Koh** see Jae Kwan Kim 1-45298
- In Han Ki** see Ki In Han
- In Ho Kim, In Seok Kang, Ho Nam Chang** Mass transfer in the U-turn of an electrolyzer 1-6892
- In Sang-Ryul** see Sang-Ryul In
- In Seok Kang** see In Ho Kim 1-6892
- In Won Lee, Sang Soo Lee** Output characteristics of TEA CO₂ laser with UV-preionization by trigger wire discharge 1-46383
- In Young Lee, Hanel, G., Pruppacher, H.R.** A numerical determination of the evolution of cloud drop spectra due to condensation on natural aerosol particles 1-49342
- In-Hoon Choi, Hong M. Kim, Young B. Kim** Surface characteristics of chemical vapor deposited Nb₃Ge superconducting compounds 1-12246
- In-Lin Jiang** see Jiang In-Lin
- In-Tak Nam** see Dai-Ryong Kim 1-12926
- Inaba, A.** see Takeuchi, S. 1-3670
- Inaba, H.** see Ito, H. 1-6573, 1-37504, 1-41764, 1-46592
- Inaba, H.** see Muto, S. 1-19332
- Inaba, H.** see Seki, N. 1-17307
- Inaba, H.** see Suzuki, T. 1-24426
- Inaba, H.** see Tan-No, N. 1-37550
- Inaba, H.** see Yamagishi, A. 1-26976
- Inaba, S., Goto, T., Hattori, S.** Penning excitation cross sections for the individual CdII states by He(2S) metastable atoms 1-41483
- Inaba, T.** see Shindo, H. 1-19991
- Inaba, Y.** see Kitahara, K. 1-32914
- Inada, K.** see Akiyama, M. 1-11203
- Inada, K.** see Moriyama, T. 1-11200
- Inada, K.** see Sanada, K. 1-15297
- Inada, K.** see Seko, M. 1-781
- Inada, K.** see Yamauchi, R. 1-1716
- Inada, R.** see Onuki, Y. 1-47714
- Inada, T.** Particle accelerators for medical use 1-49117
- Inada, T., Nishio, H., Amino, S., Abe, K., Saito, K.** High dose-rate dependence of early skin reaction in mouse 1-8916
- Inada, T.** see Hakura, Y. 1-32599
- Inagaki, H.** see Tanaka, T. 1-33584, 1-33585
- Inagaki, M.** see Endo, M. 1-21866
- Inagaki, M.** see Takeda, Y. 1-2387
- Inagaki, N.** see Edahiro, T. 1-6695
- Inagaki, N.** see Izawa, T. 1-11187
- Inagaki, N.** see Sudo, S. 1-41894
- Inagaki, N.** see Tanaka, S. 1-11124, 1-11148
- Inagaki, N.** see Yoshida, K. 1-11198
- Inagaki, S.** The gravothermal catastrophe of stellar systems 1-54572
- Inagaki, S.** see Kato, E. 1-48086
- Inagaki, S.** see Yoshimori, A. 1-52749
- Inabata, H.** see Mori, N. 1-52719
- Inakazu, N., Yamamoto, H.** Deformation band developed in the periphery of drawn copper single crystals 1-31537

- Inaki, Y.**, Ishikawa, T., Sugita, S., Takemoto, K. Functional monomers and polymers. LXXXIV. On the specific base-base interaction between polymers having complementary nucleic acid bases 1-46182
- Inal, O.T.**, Leca, N., Keller, L. Characterization of polycrylonitrile based carbon fibers 1-39357
- Inal, O.T.**, Murr, L.E. Field ion microscope studies of the propagation of substrate grain boundaries into an overgrowth 1-11998
- Inal, O.T.**, Torma, A.E. Nucleation and growth characteristics of zinc oxide overgrowths 1-11993
- Inal, O.T.**, Valayapetre, M., Murr, L.E., Torma, A.E. Microstructural and mechanical property evaluation of black-chrome coated solar collectors. II 1-53669
- Inal, O.T.**, see Murr, L.E. 1-11994
- Inami, T.**, Kubota, T. Renormalization group estimate of the hadronic decay width of the Higgs boson 1-50477
- Inamura, T.** see Matsuda, A. 1-3101
- Inamura, T.** see Temmyo, J. 1-51681
- Inan, D.** Variation in the spinlattice relaxation rate of the photoexcited triplet state of pyrene- d_{10} 1-31011
- Inanaga, K.** see Mizuki, Y. 1-17375
- Inaoka, K.**, Iwabuchi, E., Sato, K., Okada, M. Deposited bismuth films onto cleaved surface of stearic acid single crystal 1-2838
- Inatani, H.**, Kurita, K. Upper mantle velocity structure beneath the Ryukyu-Taiwan Arc 1-27093
- Inazumi, M.**, Nakagawa, Y., Tanaka, M., Kimizuka, N., Siritori, K. Magnetizations and Mossbauer spectra of $\text{YFe}_2\text{O}_{4-x}$ 1-47982
- Incoccia, L.** see De Crescenzi, M. 1-31232
- Incropera, F.P.** see Wagner, T.R. 1-29217
- Inculet, I.I.**, Hodgson, K., Kennon, J.L. Ignition hazards in electrostatic painting (a review) 1-20015
- Inculet, I.I.**, Quigley, R.M., Filliter, K.B. Coal-clay triboelectrification 1-20854
- Inculet, I.I.** see Kucerosky, Z. 1-20018
- Ince, N.** see Keresztury, G. 1-14899
- Indebetouw, G.** Image formation in partially coherent light: some qualitative remarks 1-42
- Indebetouw, G.** Scanning optical correlator 1-37428
- Indekeu, J.O.** see Stella, A.L. 1-30958
- Indel'man, P.V.**, Katz, R.M. On countercurrent capillary imbibition in a hydrophilic porous medium 1-52395
- Inden, G.** The role of magnetism in the calculation of phase diagrams 1-43318
- Indenbom, M.V.** see Dedukh, L.M. 1-42986
- Indenbom, V.L.** Ferroelastics and the history of the development of the theories of twinning and ferroelectricity 1-7241
- Indenbom, V.L.**, Chamrov, V.A. Ultimate capabilities of an X-ray resonator 1-1595
- Indenbom, V.L.**, Chamrov, V.A. Basic problems of domain phase in ferroelastics 1-3218
- Indenbom, V.L.**, Chamrov, V.A. Halo contrast of dislocation loops 1-7176
- Indenbom, V.L.**, Chamrov, V.A. Single-ray electron microscopy 1-30016
- Indenbom, V.L.**, Kaganer, V.M. Diffraction neutron optics 1-6441
- Indias, M.A.** Cutileiro see Cutileiro Indias, M.A.
- Indig, E.** see Gordon, B.M. 1-45624
- Indlekofer, G.** see Guntherodt, H.J. 1-25619
- Indow, T.** Global color metrics and color-appearance systems 1-17380
- Indow, T.**, Watanabe, M. Absolute identification of colors in the Munsell notation: trainability and systematic shifts 1-17382
- Indrasena, A.**, Ben-Zarty, O. Couple on a rotary oscillating sphere in a dusty gas 1-6865
- Indrea, E.**, Aldea, N. Fourier analysis of EXAFS data, a self-contained Fortran program-package 1-24073
- Indrefjord, A.** see Taube, M. 1-5858
- Indrei, S.**, Gheorghe, V., Angel, G. Transmembrane potential measurement through a collagen membrane 1-35566
- Indrigo, C.** see Guernigou, J. 1-5312
- Indrishechok, V.I.** see Yasnopol'skii, N.L. 1-31247
- Indu, B.D.** Low-temperature lattice thermal conductivity of Mg_2Sn , Mg_2Si and Mg_2Ge 1-2717
- Indu, B.D.** see Gairola, R.P. 1-47309
- Indu, B.D.** see Gairola, R.P. 1-2716
- Indumathy, A.** see Chandramani, R. 1-33476
- Indurakhyia, B.**, Soni, C.P., Sharma, D.L., Tiwari, A.K., Bhandopadhyaya, T.K. Sun seeker system (solar energy) 1-43743
- Indusi, J.P.** An updated inventory of existing and projected SNM in the US nuclear power industry 1-14621
- INEichen, B.**, Mastner, J. Vibration analysis by stroboscopic, two-reference-beam heterodyne holographic interferometry 1-15106
- INEichen, B.**, Schneider, W., Liegeois, C. Comparison of holographic measurements and theoretical calculations for vibration studies 1-19664
- Infeld, E.**, Rowlands, G. Stability of weakly nonlinear ion sound waves with finite ion temperature 1-42156
- Ing, H.** Moderated neutron sources for calibrating neutron dosimeters for reactor environments 1-14706
- Ing, H.** see Tymons, B.J. 1-6073
- Ing, S.J.** see Chu, R.Y.L. 1-53887
- Ingalls, R.**, Whitmore, J.E., Tranquada, J.M., Crozier, E.D. X-ray absorption at high pressures 1-35120
- Ingamells, W.**, Peters, R.H. The carrier dyeing of synthetic fibers 1-52358
- Inge, J.L.** see Batson, R.M. 1-44479
- Ingel, R.P.** see Mohr, R.K. 1-51614
- Ingelman, S.** see Ekstrom, C. 1-5692
- Ingels, J.** see Arijis, E. 1-32504
- Ingene, C.A.** see Huettner, D.A. 1-21860
- Ingersoll, A.P.** see Froidevaux, L. 1-40409
- Ingersoll, A.P.** see Orton, G.S. 1-40402
- Ingersoll, A.P.** see Pollard, D. 1-36054
- Ingersoll, D.T.**, Williams, L.R. Analysis of the ORNL-TSF radial blanket and shield integral experiment 1-50970
- Ingersoll, D.T.** see White, J.R. 1-28605
- Ingham, D.B.** A note on the deposition of aerosol particles in a channel due to diffusion and electric charge 1-46812
- Ingham, D.B.** see Dennis, S.C.R. 1-29702
- Ingham, J.G.** see Guzek, J.C. 1-50777
- Ingham, M.** see Hutton, V.R. 1-40060
- Inglebert, R.-L.**, Hennequin, J.-F. Transmission of quadrupole mass spectrometers for SIMS studies 1-28118
- Inglesakis, G.** see Autric, M. 1-40197
- Inglesakis, G.** see Bournot, Ph. 1-39189
- Inglesakis, G.** see Valensi, J. 1-10984
- Inglesfield, J.E.** see Campuzano, J.C. 1-16335
- Inglima, G.** see Cuzzocrea, P. 1-18624
- Inglima, G.** see de Rosa, A. 1-5764
- Inglima, G.** see DeRosa, A. 1-14511
- Inglish, B.D.** Evaluation of AC-DC transfer errors for thermal converter-multiplier combinations 1-40818
- Inglish, K.** see Cue, N. 1-25339
- Inglish, W.M.** see Lone, M.A. 1-6069
- Ingilizyan, P.N.** see Chato, V.A. 1-2691
- Ingilizyan, P.N.** see Voskanyan, A.A. 1-7648
- Ingold, J.H.** Schottky theory of the positive column with electron attachment 1-38182
- Ingraffea, A.R.**, Manu, C. Stress-intensity factor computation in three dimensions with quarter-point elements 1-11349
- Ingraham, L.L.** see Sontum, S.F. 1-51081
- Ingram, C.H.Q.** see Albanese, J.P. 1-23682
- Ingram, Q.** see Gabathuler, K. 1-23681
- Ingram, R.H.**, Jr. see Brown, R. 1-22030
- Ingram, R.H.**, Jr. see O'Caín, C.F. 1-48965
- Ingram, R.H.**, Jr. see Slutsky, A.S. 1-26933
- Ingrey, S.**, Smith, G. Materials and device analysis 1-53391
- Ingri, N.** see Liden, J. 1-40207
- Inguscio, M.**, Moretti, A., Strumia, F. Electric field effects on the efficiency of optically pumped submillimeter lasers 1-1551
- Inguscio, M.**, Moretti, A., Strumia, F. Spectroscopy inside the homogeneous linewidth in three-coupled level system 1-19139
- Inguscio, M.** see Arimondo, E. 1-10991
- Inguscio, M.** see Beverini, N. 1-1187
- Ingwersen, H.**, Jaeschke, E., Repnow, R. The Heidelberg booster accelerator in action 1-6062
- Ingwersen, H.** see Brix, P. 1-972
- Iniguez, M.P.** see Alonso, J.A. 1-47240
- Iniyeve, L.A.** see Dragoshanskii, Yu.N. 1-7873
- Injeyan, H.** see Holleman, G.W. 1-46330
- Inkson, J.C.** Deep impurities in semiconductors. II. The optical cross section 1-47553
- Inman, D.L.** see Pawka, S.S. 1-13479
- Inman, S.R.**, Schifreen, R.S. Design and construction of a simple HPLC system control interface 1-31921
- Inn, E.C.Y.** Absorption cross section of CF_4 at Lyman α (121.57 nm) 1-44295
- Innes, K.K.** see Asmuth, G.G. 1-24118
- Innes, W.R.** see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Innes, W.R.** see Dorfan, J.M. 1-41020
- Innes, W.R.** see Himel, T.M. 1-18482
- Innes, W.R.** see Ito, A.S. 1-45373
- Innes, W.R.** see Scharre, D.L. 1-18485, 1-45292
- innis, R.C.** see Kuhn, P.M. 1-40198
- Ino, H.**, Ito, T., Nasu, S., Gonser, U. A study of interstitial atom configurations in fresh and aged iron-carbon martensite by Mossbauer spectroscopy 1-31069
- Ino, S.** see Ichikawa, T. 1-2789
- Ino, Y.** see Arai, J. 1-43490
- Inogamov, Sh.V.** see Abdrabmanov, E.O. 1-722
- Inogamov, Sh.V.** see Azimov, S.A. 1-36888, 1-36954
- Inohara, K.**, Yoshioka, K., Tomizawa, T. Leak detection system with distributed microprocessor in the primary containment vessel 1-50900
- Inoko, Y.**, Mitsui, T., Ohki, K., Sekiya, T., Nozawa, Y. X-ray and electron microscopic studies on the undulated phase in lipid/water systems 1-7084
- Inokuchi, H.** see Koga, H. 1-43340
- Inokuchi, H.** see Sato, N. 1-53051
- Inokuti, M.** The future of theoretical atomic-collision physics 1-46130
- Inokuti, M.**, Dehmer, J.L., Baer, T., Hanson, J.D. Oscillator-strength moments, stopping powers, and total inelastic-scattering cross sections of all atoms through strontium 1-24227
- Inokuti, M.** see Gillespie, G.H. 1-19169
- Inokuti, M.** see Shiles, E. 1-8034
- Inomata, A.**, Singh, V.A. Path integrals and constraints: particle in a box 1-18072
- Inomata, A.** see Gerry, C.C. 1-45139
- Inomata, K.** Individual Co site contributions to the magnetic anisotropy and NMR investigation of $\text{Y}_2(\text{Co}_{1-x}\text{M}_x)_2$ ($\text{M}=\text{Cu}, \text{Al}$) 1-52770
- Inomata, K.**, Shimanuki, S., Hasegawa, M. Fabrication of an amorphous composite alloy [$\text{Ni}_{59}\text{Fe}_{19}\text{Si}_{19}\text{B}_{14}$] 1-16713
- Inomata, Y.** Thermal conductivity of Si_3N_4 , AlN and Si-Al-O-N ceramics 1-16117
- Inomata, Y.**, Tanaka, H., Inoue, Z., Kawabata, H. Phase relation in $\text{SiC-Al}_2\text{O}_3\text{-B}_2\text{C}$ system at 1800°C 1-26438
- Inomata, Y.** see Hasegawa, Y. 1-16934
- Inomata, Y.** see Inoue, Z. 1-2372, 1-30182
- Inomata, Y.** see Mitomo, M. 1-48448
- Inomata, Y.** see Tanaka, H. 1-21532, 1-43306
- Inomoto, Y.** see Gamo, K. 1-12640
- Inopin, A.E.** see Inopin, E.V. 1-33214
- Inopin, E.V.**, Inopin, A.E., Kopanets, E.G., Korda, L.P. On shape isomers in the region of light nuclei 1-33214
- Inopin, E.V.** see Kirichenko, Yu.V. 1-675, 1-14483
- Inopin, E.V.** see Roshchupkin, S.N. 1-646
- Inou, T.** see Otsabo, O. 1-49154
- Inoue, A.**, Hoshi, A., Suryanarayana, C., Masumoto, T. Ductile superconducting Ti-Nb-Si-B alloys with a duplex structure of amorphous and crystalline phases 1-16404
- Inoue, A.**, Kimura, H.M., Masumoto, T., Suryanarayana, C., Hoshi, A. Superconductivity of ductile Ti-Nb-Si amorphous alloys 1-16394
- Inoue, A.**, Kobayashi, K., Nose, M., Masumoto, T. Mechanical properties of (Fe, Co, Ni)-M-B ($\text{M}=\text{Ti}, \text{Zr}, \text{Hf}, \text{V}, \text{Nb}, \text{Ta}$ and Mo) amorphous alloys with low boron concentration 1-35353
- Inoue, A.**, Masumoto, T. Recent study on amorphous superconducting materials 1-20910
- Inoue, A.**, Masumoto, T., Suryanarayana, C., Hoshi, A. Superconductivity of ductile titanium-niobium-based amorphous alloys 1-30894
- Inoue, A.**, Suryanarayana, C., Masumoto, T., Hoshi, A. Crystallization behaviour and the resultant superconducting properties of amorphous Ti-V-Si alloys 1-52687
- Inoue, A.** see Akai, M. 1-29759
- Inoue, A.** see Asada, O. 1-11597
- Inoue, A.** see Asaka, O. 1-42183
- Inoue, A.** see Tsukishima, T. 1-19969
- Inoue, E.** see Chanh Khe, N. 1-33070
- Inoue, E.** see Shimizu, I. 1-34744, 1-42813
- Inoue, F.**, Itoh, A., Kawanishi, K. Thermomagnetic writing in magnetic garnet films 1-25943
- Inoue, G.**, Akimoto, H. Laser-induced fluorescence of the $\text{C}_2\text{H}_2\text{O}$ radical 1-37246
- Inoue, H.** see Hihara, G. 1-15810
- Inoue, H.** see Matsuoka, M. 1-22927
- Inoue, H.** see Murakami, T. 1-27633
- Inoue, H.** see Nakashima, N. 1-26758, 1-29144
- Inoue, H.** see Tsunemi, H. 1-54598
- Inoue, K.**, Kakuto, A., Komatsu, H., Takeshita, S. Radiative corrections for $W \rightarrow e \bar{\nu}$ decay in the Weinberg-Salam model 1-14395
- Inoue, K.**, Kiyang, Y., Iwasa, H., Sakamoto, Y. A quasielastic spectrometer using a linear accelerator cold neutron source 1-28785
- Inoue, K.** see Ishidate, T. 1-24453
- Inoue, K.** see Ohkoshi, M. 1-25587
- Inoue, K.** see Yokoyama, M. 1-41927
- Inoue, M.**, Frey, J. Electron-electron interaction and screening effects in hot electron transport in GaAs 1-2971
- Inoue, M.**, Hoong Kun Fun, Fukuoka, M., Yagi, H. Magnetic transitions in degenerate magnetic semiconductors 1-47880
- Inoue, M.**, Hoong Kun Fun, Yagi, H., Tatsukawa, T. Spin resonance studies on structural phase transition in SnTe crystal 1-52831
- Inoue, M.**, Uzuwa, S., Kohn, K., Sekizawa, H. Pressure dependence of disaccommodation in manganese iron ferrite 1-16462
- Inoue, M.** see Fujii, T. 1-12371
- Inoue, M.** see Smith, P.M. 1-34714
- Inoue, M.** see Takenaka, M. 1-47663
- Inoue, M.** see Yamagata, T. 1-45484
- Inoue, N.** Measurement of ultrasonic wave in liquid by using optical beating technique and its application to ultrasonic relaxation 1-11274
- Inoue, N.**, Wilmsen, C.W., Jones, K.A. The effects of intragrain defects on the local photoresponse of polycrystalline silicon solar cells 1-43769
- Inoue, N.** see Hara, N. 1-43304
- Inoue, N.** see Kaibara, K. 1-43705
- Inoue, N.** see Kikuchi, M. 1-19973
- Inoue, T.** Shape and size design of finite plane baffles-theory of a developed doublet model. I 1-29422

- Inoue, T., Fujishima, A., Honda, K. Photoelectrochemical characteristics of photoelectrochemical imaging system with a semiconductor/solution (metallic ion) junction 1-4099
- Inoue, T., Komatsu, H. Change in dislocation distribution of KCl single crystals during thermal cyclic annealing 1-42387
- Inoue, T. see Fukai, Y. 1-45595
- Inoue, T. see Suzuki, H. 1-7815
- Inoue, Y., Michihiro, K. A method of multiple scales for integral equations 1-44758
- Inoue, Y. see Ishizuka, A. 1-41258
- Inoue, Y. see Iwakura, T. 1-53710
- Inoue, Y. see Sasaki, T. 1-41277
- Inoue, Z., Inomata, Y. Thermal stability of the long-period polypoly of SiC, 51R, at 2500°C 1-2372
- Inoue, Z., Mitomo, M. A crystallographic study of a new compound of lanthanum silicon nitride, LaSi₃N₅ 1-25211
- Inoue, Z., Tanaka, H., Inomata, Y. Synthesis and X-ray crystallography of aluminum boron carbide, Al₃B₄C₇ 1-30182
- Inoue, Z., Watanabe, A. X-ray crystallographic data on the compound Bi₂-La₂WO₆ 1-11732
- Inoue, Z. see Inomata, Y. 1-26438
- Inoue Itoh, S., Itoh, K. Kinetic theory of helical instabilities in a cylindrical Tokamak 1-46872
- Inouye, T. Image processing techniques for computed tomography 1-8984
- Inouye, T., Sumitsui, N., Matsumoto, K. EEG changes induced by light stimuli modulated with the subject's alpha rhythm 1-4267
- Inozemtsev, K.I. see Saburova, T.N. 1-11746
- Inozemtseva, O.I. see Belov, A.V. 1-4726, 1-36128
- Insana, M.F., Goldstein, A. B-mode registration: a new procedure for analyzing errors 1-22086
- Insolia, A. see Catara, F. 1-41139
- Inspektor, A., Hornik, Y., Carmi, U., Avni, R., Wallura, E., Hoven, H., Koizlik, K., Nickel, H. Characterization of pyrolytic carbon deposited on graphite substrates in inductive RF plasmas of propylene and argon 1-12000
- Inspektor, A. see Gafri, O. 1-16214
- Inspektor, A. see Khait, Y.L. 1-12672
- in't Veld, G.H. see Shore, K.A. 1-1567
- Intemann, G.W., Greenhut, G.K. Scalar-meson nonet dominance predictions for η' decays and the quark content of the 0^{++} states 1-10203
- Interrante, L. see Cassoux, P. 1-16287
- Interrante, L.V. see Dunn, K.J. 1-38881
- Interrante, L.V. see Markiewicz, R.S. 1-38763, 1-42364
- Inui, T., Mimura, O., Kani, K. Retinal sensitivity and spatial summation in the foveal and parafoveal regions 1-53784
- Inuishi, M., Wessels, B.W. The chemical vapor deposition of polycrystalline InP 1-35183
- Inuishi, Y. see Kaneto, K. 1-25715
- Inuishi, Y. see Kim, G.I. 1-4193
- Inuishi, Y. see Murakami, Y. 1-53701
- Inuishi, Y. see Okumura, N. 1-11496
- Inuishi, Y. see Shirafuji, J. 1-18300
- Inuishi, Y. see Taguchi, T. 1-8112
- Inuishi, Y. see Takenaka, N. 1-47663
- Inuishi, Y. see Yoshino, K. 1-20734, 1-31089
- Inuki, H. see Fujita, M. 1-17656
- Inutake, M. see Amagishi, Y. 1-46886
- Inutake, M. see Hara, T. 1-11541
- Inutake, M. see Sugai, H. 1-11557
- Inutake, M. see Suzuki, K. 1-25373
- Inuzuka, E. see Schiller, N.H. 1-10038
- Inuzuka, E. see Suzuki, Y. 1-14198
- Inyakim, A.V. see Davidov, V.A. 1-1023
- Ioakimidis, N.I. The numerical solution of crack problems in plane elasticity in the case of loading discontinuities 1-37843
- Ioakimidis, N.I. see Theocaris, P.S. 1-37798
- Ioan, A., Topa, V. TI⁺ centres in KCl crystals 1-3445
- Ioannidis, G.S. see Eskreys, A. 1-594
- Ioannidou, A. see Philis, J. 1-41392
- Ioannisian, A.B. Secondary dispersion in the prism monochromators of type SF-26 spectrophotometers 1-19413
- Ioffe, B.L., Shifman, M.A. The decays $\psi \rightarrow J/\psi + \pi^0(\eta)$ and quark masses 1-548
- Ioffe, B.V. see Kostina, M.I. 1-43697
- Ioffe, M.V. see Borisov, N.V. 1-524, 1-40974
- Ioffe, Z.M., Rubtsov, L.N. Applications of the velocity distribution function to problems in meteor astronomy 1-4832
- Iogansen, A.A. see Azimov, Ya.I. 1-45273
- Ioganson, A.K. see Kropachev, A.P. 1-44154
- Ionel, C. see George, G. 1-51339
- Ionelyunas, S.A. see Valatka, R.Yu. 1-52412
- Ionescu, G. Economic aspects of seismic prospecting 1-44124
- Ionescu, G. see Penescu, C. 1-32301
- Ionescu, G. see Varodin, V. 1-40077
- Ionin, A.N. see Basov, N.G. 1-24389
- Ionov, A.N. Electrical conductivity and anomalous magnetoresistance of n-type Ge in the region of the semiconductor-metal transition 1-25744
- Ionov, A.V. see Bubailo, L.E. 1-37683
- Ionov, S.P. see Lubimov, V.S. 1-20643
- Ionova, E.S. see Vladimirov, B.G. 1-25335
- Ionson, J.A. see Scott, J.S. 1-9644
- Iordanishvili, E.K. see Boikov, Yu.A. 1-20888
- Iordanov, I.A. see Kharizanov, P.S. 1-48761
- Iordanov, V. Method for determining the coefficient of temperature conductivity 1-32985
- Iordanov, Y.A. see Kharizanov, P.S. 1-50154
- Iordanski, S.V. see Bychkov, Yu.A. 1-52631
- Iordanskii, S.V., Smirnov, A.V. Magnetic structures in the Hubbard model with an almost half filled band for nonalternating lattices 1-30903
- Iordanskii, S.V. see Bychkov, Yu.A. 1-47489, 1-52513
- Iordanskij, S.V., Smirnov, A.V. Magnetic transition model for the solid-liquid ³He boundary 1-2774
- Iordansky, S.V. Magnetic properties of vacancies on the triangular plane ³He crystal 1-2765
- Iorga, T.P. see Chatov, V.A. 1-2691
- Iori, I. see D'Erasmus, G. 1-45511
- Iori, I. see Gadioli, E. 1-700
- Ioriatti, E. see Sanger, P.A. 1-52732
- Ioriatti, L., Ishihara, A. Wigner function of a two-dimensional electron gas in a magnetic field 1-167
- Ioriatti, L.C., Jr. see Ishihara, A. 1-16242
- Iorij, J. see Roberts, E. 1-33302
- Iorio-Fili, D., Misuri, G., Scandone, F. Theory of three-mirror telescopes with diffraction limited performance 1-1671
- Iorish, Yu.I. Extremely low frequency oscillations in a gas discharge 1-52014
- Ioselovich, V.A. see Vasyetskaya, N.G. 1-29730
- Ioshin, O.I. see Komar, V.G. 1-23335
- Iovanescu, R. see Visarion, V. 1-6781
- Iovey, P.V. see Mitov, I.P. 1-13330
- Ip, W.-H. Cometary atmospheres. I. Solar wind modification of the outer ion coma 1-32658
- Ip, W.-H. Expanding halos in cometary comae 1-40425
- Ipatov, Yu.P., Batrakov, V.V. Thiourea adsorption on the faces of single-crystal zinc electrodes 1-52433
- Ipatov, Yu.P., Batrakov, V.V. Electric double-layer structure on the (0001) face of zinc 1-53433
- Ipatova, I.A. see Berlin, A.B. 1-17898
- Ipatova, I.P., Kitaev, Yu.E., Subashiev, A.V. Surface symmetry changes during phase transitions of the second kind 1-30121
- Ipavich, F.M. see Mobius, E. 1-17741
- Ipavich, F.M. see Scholer, M. 1-9327
- Ippen, E.P., Eilenberger, D.J., Dixon, R.W. Picosecond pulse generation by passive mode locking of diode lasers 1-1606
- Ippen, E.P., Eilenberger, D.J., Dixon, R.W. Picosecond pulse generation with diode lasers 1-51525
- Ippen, E.P., Shank, C.V., Wiesenfeld, J.M., Migus, A. Subpicosecond pulse techniques 1-19369
- Ippen, E.P. see Shank, C.V. 1-15035
- Ippolito, V.T., Pozdnyakov, A.V. Possible detection of a superdense state of nuclear matter in the elastic scattering of heavy ions 1-23579
- Ipsier, J.R., Kandrup, H.E. Stability theory of the orbit-averaged Boltzmann equation 1-49739
- Iqbal, J. Effects of acute gamma irradiation, developmental stages and cultivar differences on growth and yield of wheat and sorghum plants 1-8913
- Iqbal, K., Owen, N.L. The vibrational spectrum of 1,3-dithiole-2-thione 1-45959
- Iqbal, K. see Landsberg, B.M. 1-24127
- Iqbal, M.Z. see Adelberger, E.G. 1-37352
- Iqbal, Z. Calmodulin and axoplasmic transport 1-26883
- Iqbal, Z., Arend, H., Wachter, P. Raman scattering from layer-type magnets: (CH₃)(NH₃)₂CuCl₂, n=2, 3 and 5 1-3382
- Iqbal, Z. see Veprek, S. 1-39168
- Irani, A.A., Hankel, R.D. Development of thermal-hydraulic analysis capability at Florida Power and Light Company 1-50886
- Irani, R.S. see Almond, E.A. 1-4018
- Irby, H.H., Segura, M. Retrievability of waste at WIPP 1-23826
- Ireland, C.L.M. Some design considerations and applications of a fast crystal deflector 1-29380
- Ireland, J.R. TRAC analysis of Three Mile Island accident 1-5955
- Ireland, P.J. see Kazmerski, L.L. 1-16379, 1-30405
- Iremashvili, D.V., Kuznetsov, P.I., Osepashvili, T.A., Timoshenko, A.P. Determination of the energy flux density of a high-current electron beam 1-51019
- Iremashvili, D.V., Kuznetsov, P.I., Osepashvili, T.A., Timoshenko, A.P. Modeling of the bremsstrahlung spectrum of a high-current electron accelerator 1-51356
- Irene, E.A., Chou, N.J., Dong, D.W., Tierney, E. On the nature of CVD Si-rich SiO₂ and Si₃N₄ films 1-30581
- Irene, E.A. see Angilello, J. 1-47406
- Ireson, R.L. see Kennett, P. 1-40066
- Irfan, M. Gamma-activity of (RaB+RaC) for measuring radon daughters in air 1-18983
- Irfan, M., Read, J.H. Low-level activity of radium 226 in water measured with a 3x3 inch NaI(Tl) crystal 1-28811
- Irfan, M. see Ahmad, I. 1-18517
- Irfan, M. see Aziz, T. 1-10264
- Irgen, L.A. see Tsiprin, M.G. 1-17013
- Irgibaeva, I.S., Minaev, B.F., Muldakhmetov, Z.M., Kizhner, D.M. Calculation of the probability for the singlet-triplet transition in the ethylene molecule by the CNDO CI method 1-41433
- Iri, T. see Bailey, R.B. 1-26209
- Iribarne, J.V. see Banic, C.M. 1-43710
- Irie, F. see Chikaba, J. 1-47801
- Irie, F. see Enpuku, K. 1-7776, 1-42911
- Irie, M. see Owens, D.K. 1-25073
- Irie, T., Yamada, G., Kaneko, Y. Vibration and stability of a non-uniform annular plate subjected to a follower force 1-29606
- Irie, T., Yamada, G., Takahashi, I. The steady state out-of-plane response of a Timoshenko curved beam with internal damping 1-1868
- Irie, T., Yamada, G., Takahashi, I. Vibration and stability of a non-uniform Timoshenko beam subjected to a follower force 1-6818
- Irie, T., Yoda, K. Free vibration of an annular membrane with mass distributed at the inner edge 1-19609
- Irie, T. see Ramaiah, G.K. 1-6822
- Irie, T. see Seki, Y. 1-25754
- Irigoyen, J.M. The triple collision manifold, in the isosceles case of the planar three body problem 1-17759
- Irlion, G. see Muller, G. 1-48932
- Irlion, J., Seeburner, H., Barone, M., Block, M.M., Bohm, A., Campanini, R., Ceradini, F., Dibitonto, D., Giboni, K.L., Hanna, D., Ludwig, H., Muller, F., Naroska, B., Navach, F., Nussbaum, M., Rubbia, C., Schinzel, D., Staude, A., Tirler, R., Voss, R. Production of charmed particles at the CERN Intersecting Storage Rings in events triggered by an electron 1-50475
- Irlion, J. see Hanna, D. 1-41015
- Iris, P., de Marsily, G., Cormary, Y. Heat storage in a phreatic unconfined aquifer the Campuget experiment 1-53692
- Irish, D.E. see Anderson, A. 1-20134
- Irish, D.E. see Atkinson, G.F. 1-17059
- Iriyama, K., Shiraki, M., Tsuda, K., Okada, A., Kudo, K., Shiokawa, S., Morizumi, T., Yasuda, T. Photoelectric effects in organic diodes 1-7658
- Irkhin, Yu.P. Appearance of ferromagnetism in paramagnets with maximum $\chi(T)$ in a limited temperature interval 1-52777
- Irmay, S. Piezometric determination of inhomogeneous hydraulic conductivity 1-36008
- Irodova, A.V., Glazkov, V.P., Somenkov, V.A., Shilstein, S.S. Hydrogen ordering in the cubic Laves phase HfV₂ 1-38329
- Ironsides, C.N., Denning, R.G. Signal averaging using a Biomation 8100 waveform recorder and Z80 microcomputer system 1-50112
- Irshad, M. see Lecomte, R. 1-5687, 1-18566
- Irshinskii, A.L., Cherepanov, V.M. Investigation of phase transitions in iron orthoborate in the vicinity of the Neel point 1-12297
- Irtuganov, V.M. see Goryachkin, D.A. 1-25096
- Irvine, J. Long wavelength performance of SiO₂/GeO₂/P₂O₅ core fibres with different P₂O₅ levels 1-33806
- Irvine, J., Harrison, A.P., Lamb, J.G. Single mode fibre fabrication for a submarine cable system laid in Loch Fyne, Scotland 1-11206
- Irvine, J., Harrison, A.P., Smith, C.R. Long wavelength performance of optical fibres co-doped with fluorine 1-33807
- Irvine, J. see Rosiewicz, A. 1-19439
- Irvine, J.A. see Quickenden, T.I. 1-16610
- Irvine, J.M. see Sandhya Devi, K.R. 1-45529
- Irvine, P., Gordon, M. Truncation theorems for spinodals and critical points of mean-field models for polydisperse polymer solutions 1-46982
- Irvine, S.J.C., Harris, I.R. An investigation of the systems ZrCo-H₂ and ZrCo_{0.64}Ni_{0.16}-H₂ 1-20388
- Irvine, T.F., Jr. see Usui, H. 1-28489
- Irvine, W.M. see Elder, J. 1-49774
- Irvine, W.M. see Friberg, P. 1-22870
- Irvine, W.M. see Schloerb, F.P. 1-22705
- Irvine, A.C. Hypercharge exchange reactions and hyperon resonance production 1-14422
- Irvine, A.C., Newland, D.B. Photon structure functions: are they measurable? 1-10216
- Irvine, A.D. see Cartwright, C.M. 1-23586
- Irvine, A.D. see Daniel, R. 1-45400
- Irvine, B. see Vanderhoff, J. 1-46520
- Irvine, B.R. see Rimmer, M.P. 1-46251
- Irvine, C.C., Jr. see Fritzsche, J.L. 1-41402
- Irvine, D. see Sabine, P.V.H. 1-19442
- Irvine, E. Phanerozoic continental drift 1-49251
- Irvine, E., Miossec, C., Tassart, J. Towards efficient full automatic operation of the PWR steam generator with water level adaptive control 1-28579
- Irvine, E. see Miossec, C. 1-28578
- Irvine, E. see Yole, R.W. 1-40107
- Irwin, J.C. see Leonelli, R. 1-3400
- Irwin, R.M. see Jagodzinski, P.W. 1-37199
- Izchak, V.I. On concentration dependence of polymer solution viscosity 1-42444

- Isa, H., Uenosono, C., Hayashi, M. Space charge in a rod-to-plane gap measured by means of sphere probe under impulse voltage 1-15733
- Isa, S.A., Joyner, R.W., Matloob, M.H., Roberts, M.W. A study of the interaction of formic acid and propionic acid with oxidized lead and copper surfaces by photoelectron spectroscopy and LEED 1-17097
- Isaac, R.D., Granato, A.V. A unified theory of dislocation motion including thermal activation and inertial effects 1-15891
- Isaacs, H. see Fillo, J.A. 1-50944
- Isaacs, H.S., Kendig, M.W. Determination of surface inhomogeneities using a scanning probe impedance technique 1-26652
- Isaacson, A.D., Muckerman, J.T. Valence bond diatomics-in-molecules (DIM) treatment of col-linear interactions of group IIa and IIb metal atoms with hydrogen halides: application to the CaHCl system 1-1143
- Isaacson, J. see Lubensky, T.C. 1-53423
- Isaacson, L. see Key, J.F. 1-15656
- Isaacson, M. Electron beam induced damage of organic solids: implications for analytical electron microscopy 1-25329
- Isaacson, M., Ohtsuki, M. Scanning transmission electron microscopy of small inhomogeneous particles: applications to ferritin 1-17346
- Isaacson, R. Acquiring and digitizing temperature signals 1-5291
- Isaacson, R.A., Lulich, C., Oseroff, S.B., Calvo, R. Coaxial coupler for a 9 GHz EPR/ENDOR cryostat 1-14160
- Isaak, G.R. see Claverie, A. 1-32678
- Isaak, G.R. see New, R. 1-45880
- Isaak, H.P. see Pruis, J.S. 1-50659
- Isaakyan, A.R. Effect of an electromagnetic field on the critical current in superconducting films 1-25831
- Isab, A.M. see Rabenstein, D.L. 1-43852
- Isabae, S.M., Kasenov, B.K., Kozorin, L.G., Buketov, E.A. Phase diagram of the system $As_2O_3-Li_2O(Li_2CO_3)$ 1-8285
- Isacker, P. Van see Van Isacker, P.
- Isacks, B.L. see Taylor, F.W. 1-22286
- Isacson, A. see Buhrer, W. 1-28787
- Isadchenko, T.G. see Afanas'ev, I.I. 1-23290
- Isaev, A.A., Lemmerman, G.Yu., Malafieva, G.L. Second harmonic generation from pulsed copper vapor laser radiation 1-51554
- Isaev, A.N., Antonov, V.G., Afanas'ev, V.P., Khomitskii, Yu.N., Koval', V.P. Influence of hydrogen sulfide partial pressures on cracking of carbon and low-alloy steels 1-53349
- Isaev, L.K. see Enyakov, A.M. 1-24644
- Isaev, N.I. see Andreev, Yu.Ya. 1-3991
- Isaev, N.I. see Kurov, O.V. 1-35440, 1-35444
- Isaev, P.N. On the dissipation of kinetic energy in deep elastic collisions of heavy ions 1-10389
- Isaev, P.S., Kovalenko, S.G. Model with logarithmic breaking of the scaling and neutrino interactions at high energies 1-5618
- Isaev, S.A. see Belov, I.A. 1-42067
- Isaev, S.K., Kornienko, L.S., Kravtsov, N.V., Serkin, V.N., Firsov, V.V. Generation dynamics of Raman fiber laser 1-11007
- Isaev, S.V. see Barkov, Yu.D. 1-13484
- Isaeva, I.E. see Stefanskii, M.S. 1-24472
- Isaevich, L.A. Calculation of metal temperature in the hot rolling of granules 1-53139
- Isagawa, K. see Isagawa, S. 1-47794
- Isagawa, S. Hydrogen absorption and its effect on low-temperature electric properties of niobium 1-2932
- Isagawa, S., Isagawa, K. Limitations of RF field by thermal breakdown in superconducting niobium cavity 1-47794
- Isaie-Maniu, A., Voda, V.G. Pertinence: an indicator for the choice of measuring equipment 1-34031
- Isaka, H. see Matsuda, T. 1-36415
- Isaka, K. see Nagata, M. 1-15700
- Isakari, H.H., Shih, C.C., Dodson, W.J. Occupational exposure estimate for spent-fuel geological storage operation 1-28743
- Isakov, A.I. see Aibergenov, T.A. 1-10404
- Isakov, A.I. see Antonov, A.V. 1-33279
- Isakov, A.I. see Georgobiani, A.N. 1-47105
- Isakov, A.I. see Volobuev, I.V. 1-11600
- Isakov, A.I. see Vyskubov, V.P. 1-46919
- Isakov, I.M., Leonov, A.G. Copper-vapor laser in which the vapor is produced in the electrical explosion of conductors 1-24407
- Isakov, V.I. see Artamonov, S.A. 1-23575
- Isaksen, I. see Rodhe, H. 1-40172
- Isaksen, L. see Grimsrud, G.P. 1-39732
- Isaksson, A.L., Knutsson, E. Microcomputer implementation of gait examination in clinical routine 1-32280
- Isano, T. see Nagaoka, K. 1-43479
- Isard, J.O. The application of polaron theory to oxide glasses 1-30744
- Isard, J.O. see Jagla, M. 1-20449
- Isawa, Y. see Morita, S. 1-47682
- Isayama, Y. see Umebayashi, S. 1-26521
- Isayev, A.I., Katz, D. Large amplitude cyclic deformation of a crosslinked epoxy resin in the transition zone 1-16837
- Isayev, Ye.N. see Gordin, V.M. 1-22198
- Isbescus, M. see Barna, S. 1-51578
- Isbell, C. see Batson, R.M. 1-44479
- Isbister, D.J. see Eggebrecht, J.M. 1-11647
- Ischenko, S.Ya., Pavlov-Verevkin, V.B. New finite-difference method for solving the pair radial equations of the many electron perturbation theory 1-51093
- Isei, T. Absorptive noise barrier on finite impedance ground 1-6698
- Iseki, T. see Hase, T. 1-16727, 1-31404
- Isele, G.W. see Diadiuk, V. 1-45014
- Isenberg, G. see Aebi, U. 1-21980
- Isenberg, J., Nester, J. Canonical gravity 1-18092
- Isenberg, J.A. Construction of gauge fields from initial data 1-32889
- Isenberg, J.A. The construction from initial data of spacetimes with nontrivial spatial and bundle topology 1-36784
- Isenberg, J.A. see Brill, D.R. 1-32780
- Isern, J. see Canal, R. 1-22803, 1-49705
- Iseris, A.B. Electric potential in a dielectric with spherical inclusions 1-24318
- Isett, L.C., Rosso, D.M., Bottger, G.L. Properties of $NH_4Ni[S_2C_2(CN)_2]_2 \cdot H_2O$ 1-25719
- Isgur, N., Karl, G. Quarks in light baryons 1-45241
- Isgur, N., Karl, G., Sprung, D.W.L. The neutron charge form factor in a quark model with hyperfine interactions 1-14393
- Isgur, N., Karl, G., Sprung, D.W.L. Neutron charge form factor in a quark model with hyperfine interactions 1-45283
- Isgur, N., Lipkin, H.J. On the possible existence of stable four-quark scalar mesons with charm and strangeness 1-50382
- Isgur, N. see Kuang-Ta Chao 1-45216
- Isgur, N. see Maltman, K. 1-10156
- Ishai, O., Bar-Cohen, Y. Dispersion of ultrasonic data as a measure of hygrothermal effects on fibre-reinforced plastic laminates 1-35455
- Ishai, O. see Peretz, D. 1-17009
- Isham, C.J. see Deser, S. 1-28169
- Ishankuliev, D. see Safin, M.Ya. 1-5629
- Ishchenko, A.Ya. see Saenko, M.I. 1-39449
- Ishchenko, D.A. see Krasovskii, A.Ya. 1-35374
- Ishchenko, I.L., Golub, V.P., Sinaiskii, B.N., Pogrebnyak, A.D. Method of evaluating and predicting the limiting state of heat-resistant alloys under asymmetric high-cycle loading 1-12868
- Ishchenko, I.L. see Nazarenko, G.T. 1-31627
- Ishchenko, M.M. see Dekhtyar, I.Ya. 1-53017
- Ishchenko, P.J. see Abramov, V.P. 1-41662
- Ishchenko, S.S. see Brick, A.B. 1-30910
- Ishchenko, S.S. see Kononov, V.I. 1-31022
- Ishi, M. see Ohsawa, J. 1-15250
- Ishiai, T. see Chiba, M. 1-37394
- Ishibashi, H., Matsunaga, S., Nishi, M. Measurement of instantaneous pressure and velocity in nonsteady three-dimensional water flow by means of a combined five-hole probe 1-42110
- Ishibashi, I. see Volkov, A.A. 1-26314
- Ishibashi, T. see Toriyama, K. 1-38279
- Ishibashi, Y. see Midorikawa, M. 1-8024
- Ishibashi, Y. see Obara, M. 1-33662
- Ishibashi, Y. see Sugiyama, J. 1-11859
- Ishibashi, Y. see Wada, M. 1-26188, 1-48013, 1-52943
- Ishibe, Y. see Oyama, H. 1-29927
- Ishibe, Y. see Sakamoto, Y. 1-29922, 1-29941
- Ishida, A. see Kuroda, K. 1-3105
- Ishida, A. see Waho, T. 1-3104, 1-47818
- Ishida, F. see Ikeda, T. 1-16465
- Ishida, F. see Ohta, N. 1-7905
- Ishida, H., Koenig, J.L. A Fourier-transform infrared spectroscopic study of the hydrolytic stability of silane coupling agents on E-glass fibres 1-39488
- Ishida, H., Rickert, S.E., Hopfinger, A.J., Lando, J.B., Baer, E., Koenig, J.L. Epitaxial polymerization of (SN)_x chemical defects 1-12998
- Ishida, H. see Eguiluz, M. 1-52948
- Ishida, H. see Ishida, Y. 1-20224
- Ishida, H. see Rickert, S.E. 1-12999
- Ishida, J. see Kubo, Y. 1-38941
- Ishida, K. see Gafford, R. 1-28078
- Ishida, K. see Kusaka, Y. 1-49291
- Ishida, M., Asano, S. A new seismicity map in the Kanto district, Japan 1-4451
- Ishida, M., Hatano, H., Shirai, T. The flow of solid particles in an aerated inclined channel 1-42093
- Ishida, M., Yamada, T. Wall friction and local heat transfer in oscillatory flow (two-dimensional unsteady laminar boundary layer on a flat plate) 1-33955
- Ishida, N. see Ishida, T. 1-40302
- Ishida, S. Level structures of exotic baryons in the joined spring model and statistics of quarks 1-45210
- Ishida, S., Oda, M. Multi-local hadron fields. A unified relativistic Bose quark model 1-10151
- Ishida, S. see Hirose, T. 1-18434
- Ishida, S. see Kubo, Y. 1-38941
- Ishida, S. see Morita, S. 1-47682
- Ishida, T., Imai, N., Kimura, E., Sonoda, S. Satellite broadcasting experiments of BSE 1-40303
- Ishida, T., Kato, H., Miyakoshi, J., Furukawa, M., Ohsaki, S., Kano, E. Physical basis of RF hyperthermia for cancer therapy. I. Measurement for distribution in absorbed power from radiofrequency exposure in agar phantom 1-26938
- Ishida, T., Tsukamoto, K., Miyauchi, K., Ishida, N. Satellite communication experiments of CS 1-40302
- Ishida, T. see Ichinose, J. 1-11885
- Ishida, T. see Kato, T. 1-47686
- Ishida, T. see Matsumoto, T. 1-8712, 1-15893, 1-42649
- Ishida, Y., Asano, S., Yonezawa, F. Pseudogap and anomalous dispersion of expanded liquid mercury 1-25618
- Ishida, Y., Ishida, H., Kohra, K., Ichinose, H. Determination of the Burgers vector of a dislocation by weak-beam imaging in a HVEM 1-20224
- Ishida, Y., Yajima, T., Naganuma, K. Generation of broadly tunable subpicosecond light pulses from a synchronously and passively mode-locked CW dye laser 1-46409
- Ishida, Y. see Idehara, T. 1-11568, 1-46892
- Ishida, Y. see Katsuyama, Y. 1-33803, 1-41990
- Ishida, Y. see Nishimura, M. 1-11210
- Ishida, Y. see Shimizu, H. 1-16642, 1-26345, 1-53028
- Ishida, Y. see Yajima, T. 1-33769
- Ishidate, T., Inoue, K., Aoki, M. Second harmonic generation of epitaxially-grown GaN crystal 1-24453
- Ishido, Y. see Suda, S. 1-20698
- Ishigaki, H. see Yutori, Y. 1-3848
- Ishigaki, J. see Uno, R. 1-29983
- Ishigaki, T. see Ohtsuka, A. 1-16544
- Ishigame, M. see Abe, M. 1-19528
- Ishigami, T., Kohnura, T. Pionic properties of finite nuclei 1-14469
- Ishiguchi, T. see Kobayashi, H. 1-32179
- Ishigure, K., Fujita, N., Tamura, T., Oshima, K. Effect of gamma radiation on the release of corrosion products from carbon steel and stainless steel in high temperature water 1-780
- Ishiguro, K. see Tsubakino, H. 1-26452
- Ishiguro, M. see Kawabata, K. 1-4871
- Ishiguro, M. see Toyama, T. 1-24463
- Ishiguro, T. Phonons and phase transitions in quasi-one-dimensional conductors 1-16281
- Ishiguro, T., Suzuki, E., Hirakawa, A.Y., Tsuboi, M. Resonance Raman effect in thiourea 1-24155
- Ishiguro, T. see Tokumoto, H. 1-15964, 1-47174
- Ishihara, H. Financing for energy resources development projects. Japanese experience 1-8655
- Ishihara, K. see Katsuyama, Y. 1-33803, 1-41990
- Ishihara, K. see Mitsuana, Y. 1-1690
- Ishihara, M. see Noz, Y. 1-50544
- Ishihara, S. see Notozato, R. 1-12749
- Ishihara, S. see Usami, A. 1-4185
- Ishihara, S. see Yamazaki, S. 1-18343
- Ishihara, T. Demonstration of low-level radioactive waste dumping at the Pacific-overview 1-28623
- Ishihara, T., Mizuno, J., Watanabe, T. Conjugate shake-up process of neon due to K-shell photoionization 1-1191
- Ishihara, T., Okazaki, N., Kuratomi, Y., Kira, S. Diagnostic approaches to the diseases of the chest 1-49153
- Ishii, C. see Katayama, T. 1-3274
- Ishii, H. see Yumi, S. 1-44077
- Ishii, I., Noguchi, T. Dielectric loss of supercritical helium 1-31084
- Ishii, K., Kawabe, T., Miyoshi, S. Plasma diagnostics for GAMMA-6 experiment 1-19978
- Ishii, K. see Sera, K. 1-24265
- Ishii, K. see Yamadera, A. 1-26349
- Ishii, M. see Chen, W.L. 1-36989
- Ishii, M. see Fujimori, A. 1-16567
- Ishii, M. see Homma, Y. 1-4365
- Ishii, M. see Ohtani, T. 1-53069
- Ishii, M. see Takahashi, K. 1-45010
- Ishii, N., Iwata, A., Suzumura, N. Extraction of position and velocity components in the neural information 1-26902
- Ishii, N. see Suzumura, N. 1-40015
- Ishii, O. see Ishii, Y. 1-12651, 1-21350
- Ishii, R. Formation of the shock wave near the wave front of nonlinear waves 1-2027
- Ishii, S. see Takahashi, F. 1-22386
- Ishii, T., Furuichi, R., Ohshima, Y. The reactivity of TiO₂ with different preparation histories in solid-state reactions in CaSO₄-TiO₂ systems 1-26732
- Ishii, T. see Kakizaki, A. 1-35141
- Ishii, T. see Miyamura, A. 1-29760
- Ishii, Y. Vibrating Pitot tube—a new approach to mass flow measurement 1-6911
- Ishii, Y., Fujiwara, T. Vibrational spectrum of amorphous metallic alloy Fe_{100-x}P_x 1-7277
- Ishii, Y., Ohta, S., Ishii, O., Hattori, S., Makino, K. New preparation method of γ-Fe₂O₃ thin film magnetic disk media by reactive sputtering 1-21350

- Ishii, Y., Terada, A., Ishii, O., Ohta, S., Hattori, S., Makino, K. New preparation process for spun-coated γ -Fe₂O₃ thin film disks 1-12651
- Ishii, Y. see Fujiwara, T. 1-25179
- Ishii, Y. see Minato, K. 1-35883
- Ishikawa, A., Hanai, T., Koizumi, N. Evaluation of relative permittivity and electrical conductivity of ion-exchange beads by analysis of high-frequency dielectric relaxation 1-43712
- Ishikawa, A. see Tsuiki, H. 1-38817
- Ishikawa, H. Relaxation of thermal stress in a circular solid cylinder from creep deformation 1-19589
- Ishikawa, H. Absolute measurement method for K-Auger electrons employing a liquid scintillator 1-23992
- Ishikawa, H., Kitagawa, J., Okamura, H. J integral of a mixed mode crack and its application 1-46712
- Ishikawa, H. see Hanamitsu, K. 1-41701
- Ishikawa, H. see Imai, H. 1-33704, 1-46339
- Ishikawa, H. see Ito, T. 1-16920, 1-26121
- Ishikawa, H. see Tanimoto, T. 1-48505
- Ishikawa, K., Yoshihara, T., Suzuki, H. Theory of the optical absorption of retinylidene iminium salt in solution 1-14909
- Ishikawa, K. see Miyasaka, K. 1-2345
- Ishikawa, K. see Nakachi, K. 1-48955
- Ishikawa, K. see Ohmura, Y. 1-26308
- Ishikawa, M., Sergent, M., Fischer, O. Superconductivity and magnetic order in the pseudoternary system Ho_{1-x}Eu_xMo₂S₈ 1-47787
- Ishikawa, M., Shiozawa, S. A study of fuel behavior under reactivity initiated accident conditions—review 1-18746
- Ishikawa, M., Takayama, H. Solitons in a one-dimensional Bose system with the repulsive delta-function interaction 1-9920
- Ishikawa, M. see Ogata, S. 1-41636
- Ishikawa, N., Kobayashi, S., Akitaya, E. Local climatological investigation of Lake Kuttara 1-9188
- Ishikawa, N., Kojima, K. Wind features of Moshiri Basin 1-9210
- Ishikawa, R. see Murakami, I. 1-52327
- Ishikawa, R. see Sugimoto, S. 1-24527
- Ishikawa, S., Takahashi, K., Doi, K. Multireflection wavelength-division multiplexers/demultiplexers with the wavelength tunability 1-11153
- Ishikawa, S., Takahashi, K., Doi, K. Wavelength-division multiplexers/demultiplexers 1-33828
- Ishikawa, T., Chung, W.K., Lu, B.C.-Y. A cubic perturbed, hard sphere equation of state for thermodynamic properties and vapor-liquid equilibrium calculations 1-204
- Ishikawa, T., Chung, W.K., Lu, B.C.-Y. Simple and generalized equation of state for vapor-liquid equilibrium calculations 1-47218
- Ishikawa, T., Kato, H., Yoshikawa, K. Anisotropic tensile properties of directionally solidified Al-4.5 wt.% Cu alloys 1-3834
- Ishikawa, T., Nagai, S. Thermal behavior of α nylon-12 1-16771
- Ishikawa, T. see Asahi, Y. 1-33074
- Ishikawa, T. see Inaki, Y. 1-46182
- Ishikawa, T. see Mukai, K. 1-47332
- Ishikawa, T. see Uno, M. 1-40815
- Ishikawa, Y., Malli, G.L. Single Fock operator method in general SCF theory 1-28850
- Ishikawa, Y., Schwarz, W.H.E. Hamiltonian for the orbitals of general multiconfigurational self-consistent field wave functions 1-14799
- Ishikawa, Y. see Hayano, R.S. 1-26104
- Ishikawa, Y. see Ikeda, S. 1-7845
- Ishikawa, Y. see Itoh, T. 1-31702
- Ishikawa, Y. see Kohgi, M. 1-7806, 1-7818
- Ishikawa, Y. see Matsuzawa, A. 1-31360
- Ishikawa, Y. see Obara, H. 1-7831
- Ishikawa, Y. see Shiono, K. 1-32427
- Ishikawa, Y. see Takigawa, M. 1-26103
- Ishikawa, Y.-I., Kurihara, O., Nakane, R., Arai, S. Multiphoton decomposition of ¹⁰BCl₃ and ¹¹BCl₃ by CO₂ TEA laser 1-19144
- Ishiko, N., Hanamori, T., Murayama, N. Spatial distribution of somatosensory responses evoked by tapping the tongue and finger in man 1-32149
- Ishimaru, A. see Woo, R. 1-40370
- Ishimasa, T., Kitano, Y., Komura, Y. Direct observation of the intersection of sequence faults in the Fe-Cr σ -phase 1-2471
- Ishimura, K. see Watanabe, Y. 1-1762
- Ishimura, N., Shiba, H. Spin fluctuation spectrum of one-dimensional spin 1/2 Heisenberg antiferromagnet in an applied magnetic field 1-12315
- Ishinabe, T., Whittington, S.G. Surface critical exponents for self-avoiding walks on the tetrahedral lattice 1-36573
- Ishino, K. see Iizuka, M. 1-37421
- Ishioka, S. see Katayama, Y. 1-8708
- Ishioka, S. see Koima, M. 1-7987
- Ishitani, T., Tamura, H. Comment on 'On the mechanism of liquid metal electron and ion sources' 1-977
- Ishitani, T., Tamura, H. Sputtered neutral mass spectrometry using a microwave plasma 1-28123
- Ishiwara, H., Kuzuta, N. Ion-beam-induced epitaxy in the Pd/Si system 1-16196
- Ishiwara, H., Mackintosh, W.D. Backscattering measurements of implanted ion distributions in double-layer structures 1-7201
- Ishiwara, H. see Saitoh, S. 1-47402
- Ishiwari, M. see Saji, M. 1-20470
- Ishiwata, S. see Thomas, D.D. 1-26872
- Ishiwata, T., Fujimaki, Y., Shimizu, I., Kokado, H. Studies on amorphous chalcogenide/PVK photoceptors. I. Photoceptors with an extended spectral response 1-33069
- Ishizaka, K. see Masuoka, T. 1-1988
- Ishizaki, A. see Yokoyama, M. 1-19976
- Ishizaki, K. see Corredor, L.H. 1-53283
- Ishizaki, T., Takeda, T., Higashi, K. Relation between hydrogen discharge and dissolved (C+N) in plain carbon steel containing ϵ -Cu precipitates 1-26518
- Ishizaki, T., Takeda, T., Izuho, T. Relation between hydrogen discharge and dissolved (C+N) in carbon steel 1-26519
- Ishizaki, Y. see Nishiya, I. 1-4356
- Ishizaki, Y. see Sekine, N. 1-10382
- Ishizawa, N., Marumo, F., Iwai, S. Compounds with perovskite-type slabs. IV. Ferroelectric phase transitions in Sr₂(Ta_{1-x}Nb_x)₂O₇ ($x=0.12$) and Sr₂Ta₂O₇ 1-34296
- Ishizawa, Y. see Tanaka, T. 1-34610
- Ishizuka, A., Sasaki, T., Abe, E., Inoue, Y., Satoh, T., Masuda, M., Heki, H., Miyazawa, T. Low-level beta-emitting radioisotopes continuous monitoring system 1-41258
- Ishizuka, A. see Sasaki, T. 1-41277
- Ishkhanov, B.S., Kapitono, I.M., Shvedunov, V.I., Chumakov, A.V. Investigation of the reaction ¹²C(γ , p) ¹³B with the production of the final nucleus in fixed states 1-696
- Ishkhanov, B.S., Mokeev, V.I., Novikov, Yu.A., Omarov, E.S., Piskarev, I.M., Parlag, A.M., Gutii, A.I. Reaction ²³Na(γ , X γ) 1-5703
- Ishkhanov, B.S., Novikov, Yu.A., Omarov, E.S., Piskarev, I.M. Elastic and inelastic scattering of photons by ²⁸Si and ⁵²Cr nuclei 1-36947
- Ishkhanov, B.S., Novikov, Yu.A., Omarov, E.S., Piskarev, I.M. Partial cross-sections for various channels in the reaction ⁵²Cr(γ , X γ) 1-50569
- Ishkhanov, B.S., Novikov, Yu.A., Piskarev, I.M. Radiative transitions accompanying photofission of lithium 1-41101
- Ishkhanov, B.S., Novikov, Yu.A., Piskarev, I.M., Shevchenko, V.G. Excitation of higher levels of ¹²C nucleus during production of electron-positron pairs 1-18642
- Ishkhanov, B.S., Piskarev, I.M. Excitation of a γ laser using the nuclear Raman effect 1-6534
- Ishkhanov, B.S. see Varlamov, V.V. 1-37021
- Ishkova, L.M. see Zhulina, Ye.M. 1-4682
- Ishkova, L.V. see Kornienko, E.O. 1-48432
- Ishmayev, S.N. see Vindryayevskiy, B.A. 1-38613
- Ishmuratov, A.N. see Bedilov, M.R. 1-31262
- Isichenko, E.P. see Kharchenko, G.E. 1-27084
- Ishihara, A. Thermal and magnetic properties of two-dimensional electrons 1-7417
- Ishihara, A., Ioriatti, L.C., Jr. Application of a dielectric function to the exchange energy and specific heat of a two-dimensional electron gas 1-16242
- Ishihara, A., Kojima, D.Y. Statistical mechanics of dilute mixtures of ⁴He in superfluid ⁴He 1-52387
- Ishihara, A. see Ioriatti, L. 1-167
- Ishikawa, Y. see Tarascon, J.M. 1-12599, 1-12600
- Iskandar, L., Jain, P.C. A numerical study of the thickening of shock waves 1-51812
- Iskander, M.F., Massoudi, H., Durney, C.H., Allen, S.J. Measurements of the RF power absorption in spheroidal human and animal phantoms exposed to the near field of a dipole source 1-53816
- Iskander, M.F. see Maini, R. 1-32294
- Iskander, S.S., Ismail, M.I. Nitriding of steels 1-53328
- Iskander, S.S., Mansour, I.A.S., Sedahmed, G.H. Electropolishing of brass alloys in phosphoric acid 1-16977
- Iskanderov, N.A., Kudryashov, V.A., Matveev, I.N. Influence of pump fluctuations on the sensitivity of an infrared detector with parametric frequency conversion 1-33057
- Iskanderov, N.A., Kudryashov, V.A., Matveev, I.N. Four-photon resonance parametric up-conversion of the frequency of an infrared signal in a wide-band pump field 1-33752
- Iskenderov, A.D., Gumbatov, O.A. On the determination of the plasma magnetohydrodynamic characteristics 1-38070
- Iskol'dskii, A.M. see Baikov, A.P. 1-15673
- Iskornev, I.M. see Flerov, I.N. 1-2627
- Iskra, V.D. Interzone optical absorption in unordered semiconductors with consideration of multiphonon effects 1-21161
- Iskra, V.D. Interband optical absorption in disordered semiconductors including multiphonon effects. II 1-48117
- Iskra, V.D. see Bonch-Bruевич, V.L. 1-31118
- Islam, D. see Pramanik, M.H.A. 1-7616
- Islam, J.N., Schutz, B.F. Motion of primordial black holes in the early Universe and their likely distribution today 1-49710
- Islam, M.A. see Kennett, T.J. 1-5728, 1-45448
- Islam, M.N., Kellie, J.D., Crawford, G.I. Cross sections for the ²⁷Al(n,n' γ) reaction from near threshold to 10.0 MeV 1-41106
- Islam, Z. see Das Gupta, S.R. 1-9356
- Islamov, R.G. see Lutsik, A.E. 1-37118
- Islamov, T.A. see Abdurazakov, A.A. 1-33217
- Islamov, T.A. see Alikov, B.A. 1-659
- Ismail, H.A., Hanafi, H., El-Naem, A., Arafa, W., Abou-Leila, H. Level structure of ¹⁷⁵Lu 1-36919
- Ismail, H.A. see El-Adawi, M.K. 1-23528
- Ismail, K.A.R. see Liu, C.Y. 1-37768
- Ismail, L.Z. see Belyaeva, T.L. 1-45479
- Ismail, M. see Abou Sekkina, M.M. 1-47640
- Ismail, M.I. see Iskander, S.S. 1-53328
- Ismail, M.Y. see Osman, A. 1-36956, 1-45500
- Ismailov, G.L., Drakin, S.I., Frolova, G.M. Preparing samples of low-melting metals with a given impurity content 1-8254
- Ismailov, M.Z. see Guseinov, G.D. 1-47026
- Ismailov, R.M. see Bersuker, I.B. 1-21136
- Ismailov, R.M. see Ismailzade, I.G. 1-47999
- Ismailov, T.K. see Abasov, S.A. 1-26124
- Ismailov, T.M. see Ismailzade, I.H. 1-36709
- Ismailzade, I.G., Ismailov, R.M. On the temperature dependence of the spontaneous polarization of lithium niobate and lithium tantalate 1-47999
- Ismailzade, I.G. see Bersuker, I.B. 1-21136
- Ismailzade, I.H., Ismailov, T.M., Alekberov, A.I., Salayev, F.M., Aliyev, I.M., Habibov, A.M. A new magnetoelectric technique of determination of the Neel temperature 1-36709
- Isnard, L., Robert, D., Galatry, L. Second dielectric virial coefficient for tetrahedral molecules. Application to CH₄ and CF₄ molecules 1-10676
- Isnard, P. see Cahen-de Villard, J. 1-51212
- Isnard, R., Frossati, G., Gilchrist, J., Godfrin, H. Dielectric relaxation of diluted phenols by internal rotation 1-21121
- Isnard, R., Gilchrist, J. Dielectric relaxation of crypto-phenols by internal rotation 1-16520
- Isnard, R., Gilchrist, J. Dielectric relaxation of alcohols by internal rotation 1-21122
- Isner, J.D. see Summers, J.W. 1-31609
- Iso, Y. see Sakamoto, H. 1-49000
- Isobe, M. see Horikawa, K. 1-40135
- Isobe, T. see Kiwaki, H. 1-33071
- Isozaki, H. see Nakano, F. 1-15791
- Isozaki, S. see Morita, M. 1-43267, 1-47747
- Isomaki, H., von Boehm, J. The gaps of the ideal TiS₂ and TiSe₂ 1-42685
- Isomaki, H., von Boehm, J., Krusius, P., Stubbs, T. Self-consistent electronic spectrum of trigonal Te. Pressure dependence of energy spectrum 1-12025
- Isomaki, H. see Krusius, P. 1-12026
- Isomaki, H. see von Boehm, J. 1-2866, 1-12013, 1-47450
- Isomoto, T. see Miyasaka, K. 1-2345
- Isomura, S., Kaetsu, H., Nakane, R. Deuterium separation by hydrogen-water exchange in multistage exchange column 1-936
- Isono, T. Measurements of density, viscosity and electrolytic conductivity of concentrated aqueous electrolyte solutions. I. LiCl, NaCl, KCl, RbCl, CsCl, MgSO₄, ZnSO₄, and NiSO₄ 1-52212
- Isoosimov, I.N. see Kladorov, H.V. 1-50681
- Isozaki, H. see Mizuki, Y. 1-17375
- Isozumi, Y. Observation of the Mn K α X-rays in the electron-capture decay of ⁵⁵Fe 1-15005
- Ispiryan, R.A. see Gamayunov, N.I. 1-52350
- Israel, F.P. Radio observations of H II regions in external galaxies. III. Thermal emission, H II regions and star formation in 14 late-type galaxies 1-22863
- Israel, F.P. CO observations of several galactic H II regions 1-36367
- Israel, F.P., Kennicutt, R.C. Extinction of H II regions 1-4950
- Israel, F.P. see Goss, W.M. 1-27593
- Israel, F.P. see Ho, P.T.P. 1-54470
- Israel, J.W., Amey, S.R. The degradation function in conventional tomography 1-22119
- Israel, S.J., Kantanneni, C.S., Gerberich, W.W. A Dugdale-Barenblatt equilibrium model for crazes in glassy polymers 1-53297
- Israel, W., Stewart, J.M. Progress in relativistic thermodynamics and electrodynamics of continuous media 1-18186
- Israel, W. see Bailey, I. 1-36537
- Israel, W. see Hajicek, P. 1-27549
- Israel, W. see Hawking, S.W. 1-18105
- Israel, W. see Sullivan, B.T. 1-17865
- Israel, W. see Hawking, S.W. (editor) 1-17952
- Israelachvili, J.N. see Fisher, L.R. 1-30520
- Israelachvili, J.N. see Horn, R.G. 1-34221
- Isralelevich, P.L. see Podgorny, I.M. 1-49554
- Israeli, M. see Berger, M. 1-51766
- Israileenko, A.I. see Velichkina, T.S. 1-5060
- Issa, A. Quadrupole pairing and (0⁺) state properties in rare earth nuclei 1-50504

- Issa, I.A. The size distribution of dark clouds as a new method to determine the distances of galaxies and the amount of dust 1-44648
- Issa, I.A.M. On the dust content of nearby galaxies 1-27607
- Issa, M.A.A. *see* Chiu, L.B. 1-7946
- Issa, M.A.A. *see* Sayed, E.M. 1-41055
- Issa, M.R., Riley, P.A., Strong, A.W., Wolfendale, A.W. Distribution of cosmic-ray electrons in the Galaxy 1-9335
- Issa, M.R. *see* Shukla, G.C. 1-10635
- Issajew, K.S. *see* Achrijew, A.S. 1-8528, 1-39350
- Isserstedt, J. *see* Eichendorf, W. 1-36296
- Isserstedt, J. *see* Firmani, E.M. 1-9502
- Isserstedt, J. *see* Moffatt, A.F.J. 1-27508
- Isshiki, M. *see* Nagano, M. 1-47298
- Isshiki, N. Heat pumps and energy savings in new energy development 1-48894
- Isshiki, N. *see* Kashiwagi, T. 1-24861
- Isshiki, S. *see* Satoh, H. 1-38170
- Isshiki, Y., Hirashita, N., Oguchi, T., Yokoyama, G., Yamazaki, H., Kambara, T., Gondaira, K.I. Molecular orbital study of nitrogen chemisorption on tantalum (100) and (110) surfaces 1-38832
- Issi, J.-P. *see* Boxus, J. 1-42803
- Issolah, A. *see* Loupias, G. 1-26300
- Istekov, K.K. *see* Ignatyuk, A.V. 1-50689
- Istomin, A.A. *see* Morozova, V.M. 1-31690
- Istomin, V.E., Shcherbakova, M.Ya. Parameters of the hyperfine interaction of Cu^{2+} ions in a crystal field 1-7572
- Istomin, V.G., Grechnev, K.V., Kochnev, V.A., Ozerov, L.N. Composition of Venus lower atmosphere from mass-spectrometer data 1-9398
- Istomin, V.G. *see* Grechnev, K.V. 1-9345
- Isupov, L.P. A variant of anisotropic couple-stress theory for a fibre composite 1-15397
- Iswaran, C.V., Keppeler, K. The study of the kinetics of coarsening—an alternative viewpoint 1-16793
- Iswaran, C.V. *see* Gokhale, A.M. 1-8333
- Ishyanov, E.D. *see* Bareika, B. 1-51561
- Itahashi, H., Obukata, N., Okamoto, A., Horie, K., Mita, I. Normal and second intramolecular excimer fluorescence of 1,3-bis(4-methoxy-1-naphthyl)propane and 1,3-bis(4-hydroxy-1-naphthyl)propane 1-46006
- Itahashi, T., Saika, A. Many-body calculation of the electric field gradient in the hydrogen molecule 1-41323
- Itahashi, S., Chiba, S. A phoneme interval identification method based on hearing tests 1-37724
- Itahashi, T. *see* Fujita, Y. 1-28446
- Itai, Y., Masuda, G., Mizoguchi, K., Suginoara, Y. The electrical conductivity of $\text{Na}_2\text{O-SiO}_2\text{-Al}_2\text{O}_3$ and $\text{BaO-SiO}_2\text{-Al}_2\text{O}_3$ melts 1-47267
- Itakura, F. *see* Sagayama, S. 1-24611
- Itakura, H. *see* Toyoda, H. 1-53318
- Itami, T., Shimoi, M. Hard-sphere model of fused salts 1-46980
- Itano, W.M. Observation of coherent interference between magnetic-dipole and electric-dipole transition moments in methane 1-1286
- Itano, W.M. *see* Wineland, D.J. 1-45889
- Itatani, K. *see* Kinoshita, M. 1-26403
- Itatani, R. *see* Abe, H. 1-29866
- Itatani, R. *see* Fukumasa, O. 1-46898
- Itatani, R. *see* Sato, K. 1-38085
- Itatani, R. *see* Yasaka, Y. 1-29890
- Itaya, Y. *see* Arai, S. 1-11021
- Itier, B. A simplified method of measuring the sensible heat flux 1-13602
- Itin, V.I., Bratchikov, A.D., Postnikov, L.N. Use of combustion and thermal explosion for the synthesis of intermetallic compounds and their alloys 1-53137
- Itin, V.I. *see* Bratchikov, A.D. 1-35216
- Itkin, G.P. *see* Egorov, T.L. 1-40025
- Itkin, G.P. *see* Sumin, A.V. 1-44045
- Itkin, M.V., Shmatko, A.A. Kinetics of cell formation in cell disintegration of Cu=4.12 wt.% Ti solid solution 1-16779
- Itkis, M.G. *see* Beyzin, S.D. 1-18702
- Itkis, M.L., Mchedlishvili, G.I. Method of determining the mechanical properties of the brain in vivo 1-32175
- Ito, A., Endo, S., Brown, R.W., Sandmeyer, K.H. Fusion-cast zirconia refractories for use with problem glasses 1-31692
- Ito, A., Someya, Y., Katsumata, K. Microscopic evidence for a new type of ordering of spin components in a random mixture with competing magnetic anisotropies 1-38912
- Ito, A. *see* Barb, D. 1-43044
- Ito, A. *see* Ito, T. 1-22078
- Ito, A. *see* Matsumoto, H. 1-46699
- Ito, A.S., Fisk, R.J., Jostlein, H., Kaplan, D.M., Herb, S.W., Hom, D.C., Lederman, L.M., Snyder, H.D., Yoh, J.K., Brown, B.C., Brown, C.N., Innes, W.R., Kephart, R.D., Ueno, K., Yamanouchi, T. Measurement of the continuum of dimuons produced in high-energy proton-nucleus collisions 1-45373
- Ito, D., Nakayama, Y., Ogasawara, T. Losses in superconducting magnets under fast ramp rate operation 1-50176
- Ito, F. *see* Ramaiah, G.K. 1-6822
- Ito, H., Gen-ai, K., Inaba, H. Active Q-switching of lateral field coupling control DH laser 1-6573
- Ito, H., Inaba, H. Bistable optical devices 1-41764
- Ito, H., Ogawa, Y., Inaba, H. Analyses and experiments on integrated optical multivibrators using electrooptically controlled bistable optical devices 1-46592
- Ito, H., Onodera, N., Gen-ai, K., Inaba, H. Self-Q-switched picosecond optical pulse generation with tandem-type AlGaAs TJS laser 1-37504
- Ito, H., Soda, K., Yagi, T. Doppler frequency shift of an electromagnetic wave by a fast moving, magnetized plasma boundary 1-46890
- Ito, H. *see* Ikeda, Y. 1-52267
- Ito, H. *see* Kaibara, K. 1-43705
- Ito, H. *see* Kakuda, T. 1-9009
- Ito, H. *see* Uyama, T. 1-19919
- Ito, I. Vortices and duality transformation in a three-dimensional O(3) sigma model 1-10077
- Ito, J. *see* Akagawa, K. 1-24865
- Ito, K. Chaos in the Rikitake two-disc dynamo system 1-32347
- Ito, K., Ebara, K., Takahashi, S., Sugimoto, Y. Reverse osmosis applicability to treatment of low-level radioactive wastes 1-45646
- Ito, K., Endo, S. Pressure-induced transition in BP 1-42834
- Ito, K., Ito, T., Watanabe, Y., Oka, M. Orientation dependence of divacancy production and annealing in germanium 1-47081
- Ito, K., Kanno, T. Processing of radioactive ruthenium with zirconia-silica gels 1-18778
- Ito, K., Kojima, K. Solution-grown silicon solar cells 1-4184
- Ito, K., Nakazawa, T. n In_2O_3 -p Si heterojunction solar cells 1-4206
- Ito, K., Schibuya, N., Suzuki, Y., Yokoi, H., Yoshikawa, Y. Real-time slow motion display—a new idea in ultrasonic diagnosis 1-13298
- Ito, K. *see* Endo, S. 1-16322
- Ito, K. *see* Kobayashi, M. 1-42446
- Ito, K. *see* Morin, P. 1-19133
- Ito, K. *see* Sugawara, T. 1-6024
- Ito, M. Carrier density dependence of refractive index in AlGaAs semiconductor lasers 1-11003
- Ito, M. Continuum spectrum source excited coherent forward scattering spectrometry for detection of elements 1-21798
- Ito, M., Ohnuki, K., Terasawa, M., Yoshimi, H., Mukai, K. Mockup tests of control rod for JOYO MK-II core 1-45692
- Ito, M., Okada, S., Kuriyama, I. The deterioration of mechanical properties of chloroprene rubber in various conditions 1-39485
- Ito, M. *see* Hirota, R. 1-36498
- Ito, M. *see* Mikami, N. 1-6295
- Ito, M. *see* Mochizuki, Y. 1-37233
- Ito, N., Kato, T. Studies on measurement of angle by diffraction pattern: A method of measurement using spaces of diffraction fringes 1-14094
- Ito, R. The effects of annealing on the mechanical properties of Cu-Ni-Zn alloys 1-26520
- Ito, R. Semiconductor lasers 1-29278
- Ito, R. *see* Mori, H. 1-3857
- Ito, R. *see* Tabata, T. 1-42440
- Ito, S. On the theory of pulse wave propagation in media of discrete random scatterers 1-13547
- Ito, S., Aso, K., Makino, Y., Uedaira, S. Magnetostriiction and magnetization of iron-based amorphous alloys 1-16468
- Ito, S., Miyashita, H., Yoneda, N. Crystal growth of $\alpha\text{-Fe}_2\text{O}_3$ by vapor phase reaction method 1-3586
- Ito, S. *see* Ichinose, M. 1-4846
- Ito, S. *see* Yoneda, N. 1-3754
- Ito, T. Magnetic moments and hyperfine mass splittings of bottom hadrons 1-558
- Ito, T., Arakawa, H., Nozaki, T., Ishikawa, H. Retardation of destructive breakdown of SiO_2 films annealed in ammonia gas 1-26121
- Ito, T., Ito, A. Predominance of membrane damage in yeast cells in suspension with monochromatic 163-nm vacuum ultraviolet light 1-22078
- Ito, T., Iwami, M., Hiraki, A. Electronic energy states of tungsten dichalcogenides by low energy electron loss spectroscopy study 1-38706
- Ito, T., Iwami, M., Hiraki, A. A new application of electron energy loss spectroscopy technique for a non-destructive study of the Si-SiO₂ interface 1-42866
- Ito, T., Kaneko, M., Shiomi, M., Sakai, T. The generation and stability of gaseous products generated by discharges in air 1-19992
- Ito, T., Nishida, N., Nakayama, Y. The deformation of $\beta\text{-CuZn}$ single crystals at room temperature 1-12825
- Ito, T., Nozaki, T., Ishikawa, H. Direct thermal nitridation of silicon dioxide films in anhydrous ammonia gas 1-16920
- Ito, T. *see* Ito, H. 1-31069
- Ito, T. *see* Ito, K. 1-47081
- Ito, T. *see* Iwami, M. 1-30819
- Ito, T. *see* Kinoshita, M. 1-5839
- Ito, T. *see* Legvold, S. 1-3153
- Ito, T. *see* Sasaki, T. 1-53952
- Ito, T. *see* Senda, O. 1-238, 1-5285
- Ito, T. *see* Watanabe, M. 1-12409
- Ito, Y. Effect of the first row transition metal ions on positronium formation 1-8597
- Ito, Y., Ng, B.W., Yan-Ching Jean, Walker, D.C. Muonium atoms observed in liquid hydrocarbons 1-51320
- Ito, Y. *see* Amagishi, Y. 1-11572
- Ito, Y. *see* Kihara, T. 1-49292
- Ito, Y. *see* Motoya, K. 1-12259
- Ito, Y. *see* Narai, H. 1-28562
- Ito, Y. *see* Takano, T. 1-5450
- Ito, Y. *see* Takeuchi, H. 1-3334
- Itoh, A., Fukuzawa, F. Equilibrium charge distributions of helium beams in various gases 1-46090
- Itoh, A., Gonda, S. Research and development of selective absorbers and selective transparent filters for solar-thermal electric power generation 1-21897
- Itoh, A., Ohnishi, K., Fukuzawa, F. Charge-changing collisions of 0.7-2.0 MeV helium beams in various gases. II. Electron loss 1-10833
- Itoh, A., Yashiro, K., Okhawa, S., Yamamoto, H. On the measurement of the tensor permeability of ferrite using two cylindrical ferrite rods 1-23276
- Itoh, A. *see* Inoue, F. 1-25943
- Itoh, A. *see* Kumashiro, Y. 1-19981
- Itoh, A. *see* Shiba, K. 1-42427
- Itoh, F., Honda, T., Suzuki, K. Gamma-ray Compton scattering of germanium and selenium in solid and liquid state 1-31223
- Itoh, F. *see* Kakinuma, F. 1-20695
- Itoh, F. *see* Suzuki, K. 1-30084
- Itoh, H., Hayakawa, M., Fukuda, Y., Matsuo, M. Polarization labelling spectroscopy of the $A^2\Sigma^+$ band of Na_2 1-45980
- Itoh, H., Tamura, H., Miyao, M., Warabisako, T., Itoh, K., Sasaki, Y. Silicon solar cells fabricated by ion implantation and laser annealing 1-4186
- Itoh, H. *see* Itoh, K. 1-6679
- Itoh, H. *see* Saitoh, T. 1-4180
- Itoh, K., Itoh, S.I. Kinetic theory of the collisional drift-tearing instability 1-46879
- Itoh, K., Itoh, S.-I., Tuda, T. Kinetic theory of nonlocal high-n ballooning mode 1-46853
- Itoh, K., Ohnawa, S., Torizuka, Y., Saito, T., Terasawa, T. Electroexcitation of giant multiple resonances in ^{24}Mg 1-45485
- Itoh, K., Ohtsuka, Y. Coherence control by laser scanning 1-6447
- Itoh, K., Ohtsuka, Y. Spatial coherence measurements through turbulent atmosphere using a complete-aided interferometer 1-46226
- Itoh, K., Tatekura, K., Itoh, H. Signal propagation in the multimode optical waveguide as a random medium 1-6679
- Itoh, K. *see* Inoue, F. 1-46872
- Itoh, K. *see* Itoh, H. 1-4186
- Itoh, K. *see* Minami, R. 1-7999
- Itoh, K. *see* Miyao, M. 1-2480
- Itoh, M., Kotani, T., Hanashima, Y. Electronic relaxation of intramolecular exciplexes in the vapor phase 1-6303
- Itoh, M., Niizeki, K., Watabe, M. Theory of transport properties of liquid non-simple metals in the effective medium approximation 1-30704
- Itoh, M. *see* Fuke, K. 1-8539, 1-37561
- Itoh, M. *see* Ogasawara, T. 1-52695
- Itoh, M. Linear stability theory for wave-packet disturbances in parallel and nearly parallel flows 1-42020
- Itoh, N., Ichimaru, S. Harmonic-lattice model for the internal energy of the classical one-component plasma fluid near the crystallization point 1-2151
- Itoh, N., Ichimaru, S. Harmonic lattice model for the internal energy of the classical two-dimensional one-component plasma fluid 1-2896
- Itoh, N., Stoneham, A.M., Harker, A.H. Non-radiative de-excitation of highly excited self-trapped excitons in alkali halides: mechanism of the F and H centre production 1-12567
- Itoh, N. *see* Ban, Y. 1-20636
- Itoh, N. *see* Nagano, S. 1-7415
- Itoh, N. *see* Tanimura, K. 1-35077
- Itoh, N. *see* Toriumi, K. 1-2437
- Itoh, S., Toi, K., Matsura, K. Feedback control of plasma position in JIPP T-II 1-19945
- Itoh, S. *see* Hiraki, N. 1-34108, 1-42195
- Itoh, S. *see* Mitarai, O. 1-42163
- Itoh, S. *see* Ohashi, Y. 1-26539
- Itoh, S. *see* Ohkubo, K. 1-11576
- Itoh, S. *see* Toi, K. 1-6978, 1-19946, 1-19947, 1-46911
- Itoh, S.-I. *see* Itoh, K. 1-46879
- Itoh, S.-I. *see* Itoh, K. 1-46853
- Itoh, S. *see* Inoue, F. 1-25943
- Itoh, T., Baba, H. Radiative and nonradiative processes in naphthoquinone vapors at low pressure 1-6304

- Itoh, T., Matsuzawa, A., Ishikawa, Y., Yanagida, H. Direct anodization of GaAs and Si at extremely low substrate temperature by low pressure oxygen plasma 1-31702
- Itoh, T. see Hara, K. 1-47708
- Itoh, T. see Matsuzawa, A. 1-31360
- Itoh, T. see Tani, T. 1-38875, 1-47693
- Itoh, Y., Fujii, M., Adachi, S., Hamaguchi, C. Brillouin scattering by injected acoustic domains in ZnS 1-16576
- Itoh, Y., Fujii-E, Y. Stabilization concept of imploding liquid metal liner 1-38104
- Itoh, Y., Kobayashi, N., Kaneko, Y. Rotational excitation of H_2 molecules by Li^+ impact in the energy range from 50-400 eV 1-46068
- Itoh, Y. see Iwamatsu, M. 1-41460
- Ito, L.E. see Morrison, T.I. 1-26726
- Ito, M. see Kumura, M. 1-45703
- Ito, S. Transient analysis of stress waves around two coplanar Griffith cracks under impact load 1-1879
- Ito, S. Diffraction of an antiplane shear wave by two coplanar Griffith cracks in an infinite elastic medium 1-15434
- Ito, S. Dynamic stress concentration around a rectangular crack in an infinite elastic medium 1-33934
- Ito, Y. see Kawasaki, K. 1-926
- Itoyama, H. Dynamical symmetry breaking in a spacetime sphere 1-45156
- Itskevich, E.S. The influence of pressure on the phonon and electron structures of some solids 1-34607
- Itskevich, E.S. see Sologub, V.V. 1-34625
- Itskhoki, I.Ya., Seregin, S.L. Initiation of parametric oscillation by optical radiation 1-1649
- Itskovskii, M.A., Shchedrina, L.V., Kladkevich, M.D. Pyroelectric and electrocaloric effects in the phase transition region of thin ferroelectrics 1-26130
- Ittyachan, M.A. see Abdulkhadar, M. 1-53075
- Ittyachan, M.A. see Mohanvan Pillai, K. 1-12007
- Ittyachan, M.A. see Franke, W. 1-35158
- Ittyachen, M.A. see Kurien, K.V. 1-20084, 1-25185, 1-48246
- Itzhak, D., Tuler, F.R., Schieber, M. Silicon-containing coatings produced by a chemical vapour deposition method on nickel-based superalloys 1-31362
- Itzhak, D. see Gafri, O. 1-16214
- Itzhak, D. see Katz, M. 1-16213
- Itzhak, D. see Sharon, A. 1-12111, 1-53306
- Itzkhan, I. see Trainor, D.W. 1-1626
- Izraelson, C., Peskin, M.E., Zuber, J.B. Roughening of Wilson's surface 1-5487
- Iuchi, S. see Kanki, T. 1-2034
- Iuchi, T. A method for simultaneous measurement of both temperature and emissivity and its applications to steel process 1-23239
- Iutin, N.N. see Borukhovich, A.S. 1-38933
- Ivakhnik, V.V., Petnikova, V.M., Solomatin, V.S., Kharchenko, M.A., Shuvalov, V.V. Single-pass systems for compensation of phase distortions 1-1648
- Ivakhnik, V.V. see Voronin, E.S. 1-33632
- Ivanchenko, V.A. see Amirov, R.Kh. 1-30776
- Ivanchenko, Yu.M., Mikhchenko, P.N., Khirnoyi, V.F. Kinetics of destruction of superconductivity by a current in thin films 1-42926
- Ivanchik, I.I. see Vul, B.M. 1-52640
- Ivanchuk, R.D. see Slynko, V.V. 1-52170
- Ivancic, V., Balasubramanian, T.K., Gaines, J.R., Narahari Rao, K. Infrared spectrum of solid hydrogen with high sensitivity spectrometers: aspects of zero phonon transitions in solid para-hydrogen 1-48058
- Ivanenko, D., Sardanasvili, G. On the relativity and equivalence principles in the gauge theory of gravitation 1-44830
- Ivanenko, D.D., Sardanasvili, G.A. Extension of Einsteinian gravitation and prospects for a unified gauge theory 1-27845
- Ivanenko, D.D., Sardanasvili, G.A. Variable-topology model in field theory 1-28171
- Ivanenko, M.M. see Bertel, I.M. 1-46304
- Ivanitskaya, G.S. see Yarema, S.Ya. 1-1893
- Ivanitskii, G.R. see Edintsov, I.M. 1-17343
- Ivankov, Yu.V. see Batkin, I.S. 1-5733
- Ivanov, A.A., Kuz'min, V.S., Kondrat'ev, Yu.P., Strigulin, V.A. Width of the electron paramagnetic resonance lines of γ -irradiated ruby 1-3244
- Ivanov, A.A. see Spiridonov, V.P. 1-29116
- Ivanov, A.B. see Anisimov, Yu.S. 1-14728, 1-45785
- Ivanov, A.G., Kisel'man, L.A., Luzhkov, M.I., Degter, O.N., Khidiyatov, A.M., Chakrygin, V.G., Yakhilievich, F.M., Ustimenko, B.P., Alekhnovich, A.N., Lisovoi, V.G., Kiselev, O.V., Rapoport, V.E., Shuvalov, S.I., Shlygin, V.A. Experimental combustion of Ekibastuz coal with ash content over 50% in the P-57 boiler of a 500 MW unit 1-31976
- Ivanov, A.G., Mineev, V.N. Scale effects in fracture 1-26582
- Ivanov, A.G. see Bakhrakh, S.M. 1-53231
- Ivanov, A.I., Karimova, L.M., Korovchenko, V.N. Spectral investigations into absorption of solar radiation by natural aerosol 1-32518
- Ivanov, A.I., Trakhtenberg, B.F., Fedotov, A.F. Thermomechanical fatigue under combined and independent thermal and mechanical loads 1-17000
- Ivanov, A.M. see Pavlova, N.N. 1-28377
- Ivanov, A.N. Triangle quark diagrams in the decays $\tau \rightarrow \nu_\tau + \pi + \omega(\psi)$ and $\tau \rightarrow \nu_\tau + \eta(\eta') + \rho$ 1-40994
- Ivanov, A.N., Shekhter, V.M. Form factors in radiative decays of pseudoscalar and vector mesons 1-5626
- Ivanov, A.S., Tominskii, V.S., Shishkina, M.I. Effect of rolling conditions on the fracture toughness of alloy VT3-1 1-43498
- Ivanov, A.S. see Dvoryadkina, G.K. 1-11906
- Ivanov, A.S. see Morokhov, I.D. 1-26775
- Ivanov, A.V. see Milyukov, E.M. 1-43508
- Ivanov, B.A. see Basilevsky, A.T. 1-49547
- Ivanov, C.I., Tyutyulov, N., Barentzen, H., Polansky, O.E. Electronic structure of one-dimensional systems in the peierls-PPP-model 1-38720
- Ivanov, D. P-V-T study near the critical point of a pure substance 1-38036
- Ivanov, D. see Thanh, V. 1-1785
- Ivanov, E. see Gal'perin, A. 1-50348
- Ivanov, E.A., Truglik, E. Exchange currents in nuclei 1-50512
- Ivanov, E.V., Korovin, V.Y., Tolstikov, Y.V., Volkovitsky, O.A. Secondary condensation as CO_2 laser beam propagates through cloud medium 1-44297
- Ivanov, F.D. see Mel'gui, M.A. 1-39578
- Ivanov, G.A. see Abagyan, S.A. 1-31023
- Ivanov, G.A. see Babkina, T.V. 1-6671
- Ivanov, G.K. Interatomic interaction in electronically excited quasimolecules 1-24308
- Ivanov, G.K. Dipole moments of alkali metal atoms induced by collisions with helium and neon atoms 1-33544
- Ivanov, G.M. see Batygin, Yu.V. 1-28750
- Ivanov, I., Pollmann, J. First surface electronic structure of a wurtzite-type semiconductor the polar and nonpolar surfaces of ZnO 1-16336
- Ivanov, I.A. see Perov, V.F. 1-30112
- Ivanov, I.B. On seasonal variations in Kimura's correction $Z(t)$ 1-32339
- Ivanov, I.B. see Maldarelli, C. 1-30528
- Ivanov, I.G. see Vainer, V.V. 1-6545
- Ivanov, I.G. see Zinchenko, S.P. 1-51460
- Ivanov, I.K. see Leonov, A.I. 1-30448
- Ivanov, I.K. see Sergeeva, L.A. 1-38684
- Ivanov, I.M., Kalinkova, N.I. A multidimensional correlation amplitude analysis with an IZOT-0310 minicomputer 1-24008
- Ivanov, I.V. see Buzin, I.M. 1-34982
- Ivanov, K.G. Slow shock wave on the flank of an interplanetary stream from an intense distant flare 1-22656
- Ivanov, K.G., Evdokimova, L.V., Mikerina, N.V. Estimation of typical cross dimensions of interplanetary shock waves from powerful isolated solar flares 1-13647
- Ivanov, K.G. see Bochegov, V.I. 1-53085
- Ivanov, K.G. see Gal'per, A.M. 1-13554, 1-13555
- Ivanov, K.G. see Yevdokimova, L.V. 1-22621
- Ivanov, K.I., Velikov, V.P., Mitreva, N.A., Petkova, E. Wave operators and phase equations for long ranged spheroidal and spherical potentials 1-9853
- Ivanov, L.I. see Akishin, A.I. 1-26123
- Ivanov, L.I. see Bystron, L.I. 1-16800
- Ivanov, L.I. see Dekhtyar, I.Ya. 1-53017
- Ivanov, L.N., Ivanova, E.P. Atomic energies for Na-like ions by a model potential method $Z=25-80$ 1-37130
- Ivanov, L.N. see Bekov, G.I. 1-14852
- Ivanov, L.P., Logginov, A.S., Morchenko, A.T., Nepokoichitskii, G.A., Randoshkin, V.V., Telesnin, R.V. Dynamic switching of the direction of elliptical distortions of magnetic bubbles 1-25999
- Ivanov, L.P. see Durasova, Yu.A. 1-21013
- Ivanov, M.M., Mitrofanov, V.Ya., Fal'kovskaya, L.D., Fishman, A.Ya. Properties of a magnetic impurity in orbit-degenerate magnetic materials 1-47879
- Ivanov, M.A., Shul'man, G.A. Kinetic equilibrium of beta-processes in high-temperature, superdense matter with a strong frozen-in magnetic field 1-44431
- Ivanov, M.A. see Dinekan, M. 1-40986
- Ivanov, M.A. see Efimov, G.V. 1-50418
- Ivanov, M.B. see Abramov, A.V. 1-35162
- Ivanov, M.F., Shvets, V.F. The slowing of α particles in a thermonuclear plasma 1-51979
- Ivanov, M.F. see Gal'bert, V.A. 1-25015
- Ivanov, N.I., Samborski, O.L. Short-term frequency fluctuations of Josephson emission caused by an instability of the power supply 1-25841
- Ivanov, N.I., Yurchenko, I.I. Nonlinear distortions in amplitude detection of microwave signals by a Josephson junction 1-23269
- Ivanov, N.I., Yurchenko, I.I. Synchronous detection of a microwave signal by a Josephson junction 1-23270
- Ivanov, N.R. Thermal expansion and spontaneous strain in the ferroelectrics $KH_2(SeO_3)_2$, $KD_2(SeO_3)_2$ and $K(H_{0.2}D_{0.8})_2(SeO_3)_2$ 1-7242
- Ivanov, N.R., Khusravov, D., Shuvalov, L.A., Shchegina, N.M. Study of physical properties of crystals in NaK-tartrate- $NaNH_4$ -tartrate system. I. $NaNH_4$ -tartrate and mixed crystals $NaK_{1-x}(NH_4)_x$ tartrate ($w \geq 0.9$) 1-8006
- Ivanov, N.V. see Andreev, I.V. 1-42462
- Ivanov, O.K. see Vinogradov, V.A. 1-24837
- Ivanov, P.A. see Krutogolov, V.D. 1-24899
- Ivanov, R.N. see Belanova, T.S. 1-23663
- Ivanov, S.A. see Shustin, O.A. 1-48025
- Ivanov, S.A. see Venetsev, Yu.N. 1-21141
- Ivanov, S.D., Mazur, V.A. Theory of 'universal' instability in a Tokamak 1-24961
- Ivanov, S.I. see Afanas'ev, A.I. 1-24343
- Ivanov, S.I. see Kulakov, A.V. 1-33397
- Ivanov, S.M. see Guseva, M.I. 1-37375
- Ivanov, S.N. see Altarev, I.S. 1-28774
- Ivanov, S.P. see Balobolkin, A.N. 1-12899
- Ivanov, S.V. see Efremov, A.V. 1-41001
- Ivanov, V.A., Skoblo, Yu.E. Recombination of molecular helium ions at high electron temperatures 1-42243
- Ivanov, V.A. see Murav'eva, K.K. 1-34589
- Ivanov, V.B., Sel'dyakov, Yu.P., Shipilov, V.I. Counting errors in amplitude spectrometry of pulses (survey) 1-1035
- Ivanov, V.B., Trukhan, A.A., Khazanov, G.V. Stability of the mid-latitude ionospheric plasma when photoelectrons are present in it 1-22616
- Ivanov, V.G. see Baksht, F.G. 1-25102
- Ivanov, V.I. see Berzhanskii, V.N. 1-21044, 1-26043
- Ivanov, V.I. see Fomin, G.A. 1-31334
- Ivanov, V.I. see Shmytko, I.M. 1-20382
- Ivanov, V.I. see Zhukov, A.A. 1-3720
- Ivanov, V.K., Kut'nikov, V.A., Shulepov, V.I., Guzey, L.S., Sokolovskaya, E.M., Dorokhov, V.I. Influence of ZrC protective coatings on the interaction of SiC fibres with a complexly doped Ni alloy matrix 1-16719
- Ivanov, V.K. see Amosov, M.Ya. 1-33434
- Ivanov, V.K. see Kut'nikov, V.A. 1-3793
- Ivanov, V.L. see Solov'ev, O.M. 1-28109
- Ivanov, V.M. see Aref'ev, V.N. 1-40193
- Ivanov, V.M. see Dianov-Klokov, V.I. 1-19095
- Ivanov, V.M. see Zhuravin, L.G. 1-44870
- Ivanov, V.N. see Kozlov, G.I. 1-10982
- Ivanov, V.O. see Biktimirov, R.S. 1-28102
- Ivanov, V.O. see Zaleznyak, P.N. 1-28107
- Ivanov, V.S., Kozlov, A.S., Pravilov, A.M., Smirnov, E.P. Spectral dependences of the absolute quantum yields of $I(P_{1/2})$ and $I(P_{3/2})$ atoms in photolysis of organic iodides. II. CF_3I , C_2F_5I , C_3F_7I , $CF_3CF_2CF_3$, and $CF_3OCF_2CF_3$ 1-8595
- Ivanov, V.S. see Baranov, V.M. 1-34779
- Ivanov, V.S. see Glushkov, V.M. 1-53744
- Ivanov, V.V. see Pladida, N.M. 1-15995
- Ivanov, V.Yu. see Yevdakov, A.V. 1-47612
- Ivanov, Yu.B. Surface oscillations of a Fermi liquid 1-5227
- Ivanov, Yu.I. see Solov'ev, S.L. 1-17091
- Ivanov, Yu.I. see Berezhovets, V.A. 1-34767
- Ivanov, Yu.V. Influence of phase distortion on the accuracy of spectrum analysis in spin analyzers 1-5351
- Ivanov-Emin, B.I. see Olgin Kinyones, S. 1-17043
- Ivanov-Omskii, V.I. see Andrukiv, M.G. 1-20834
- Ivanov-Omskii, V.I. see Sheregii, E.M. 1-3265
- Ivanov-Shits, A.K. see Gurevich, Y.Y. 1-30465
- Ivanova, A.B. see Velezhko, N.A. 1-42565
- Ivanova, E.P. Kinetics of exciton-exciton annihilation in molecular crystals 1-26260
- Ivanova, E.P. see Ivanov, L.N. 1-37130
- Ivanova, E.V. see Krylov, V.I. 1-30989
- Ivanova, G.V., Makarova, G.M., Magat, L.M., Shchegoleva, N.N. Decomposition of the solid solution in alloy Fe-33 at.% Pd single crystals 1-26465
- Ivanova, I.A. see Anan'eva, G.V. 1-39232
- Ivanova, L.A., Rudina, O.G. Producing stable narrow-band filters on large-diameter specimens 1-1681
- Ivanova, L.D. see Abrikosov, N.Kh. 1-16679
- Ivanova, L.P., Savanina, N.N., Kelin, Y.I., Malygina, A.P. Improving the thermal-shock resistance of high-alumina ceramics 1-8416
- Ivanova, N.P. see Kolombet, A. 1-39871
- Ivanova, T.A. see Abdrakhmanov, R.S. 1-52842
- Ivanova, T.A. see Darchiyeva, L.A. 1-4727
- Ivanova, T.F. see Emel'yanov, G.M. 1-15231
- Ivanova, T.I., Tudyak, V.M., Shchagina, N.M. The processes of rearranging the domain structure and the Barkhausen effect in $NaH_2(SeO_3)_2$ single crystals 1-8020
- Ivanova, T.P. see Litovchenko, V.G. 1-28027
- Ivanova, T.V. Construction of planetary theory by iterative procedure 1-40332
- Ivanova, V., Kobzov, V., Maslov, L. Determination of fracture toughness of plastic materials under conditions of similarity of plastic instability 1-48518
- Ivanova, V.D. see Pirogov, V.P. 1-17440
- Ivanova, V.F. see Ramendik, G.I. 1-52007

- Ivanova, V.S., Kobzev, V.A., Maslov, L.I. An analysis of the extreme values of fracture toughness of sheet materials under conditions of similarity of plastic instability 1-35373
- Ivanova, V.S., Plastinin, V.M. Analysis of cleavage in BCC single crystals from the positions of physics and fracture mechanics 1-31626
- Ivanova, V.S., Terentyev, V.F., Kobzev, V.A., Yokobori, T. Investigation of the cyclic fracture toughness of surface-strengthened structural steel 1-35363
- Ivanova, V.V. see Vyzhlov, B.V. 1-4932
- Ivanova, Yu.D. see Shabanova, T.V. 1-4931
- Ivanova, Z.I., Kovrigin, A.I., Luchinskii, G.V., Rashkovich, L.N., Rubinin, N.M., Khodolnykh, A.I. Study of growth and optical homogeneity of 45° LiNbO₃ crystals for infrared parametric oscillators 1-6617
- Ivanovich, M.D. see Batev, P.M. 1-12179
- Ivanovskaia, I.A. see Abrahammanov, E.O. 1-722
- Ivanovskaya, M.I. see Kuntsevich, N.I. 1-36758
- Ivanovskaya, V.M. see Aleksandrov, V.I. 1-38400
- Ivanovskii, A.L., Gubanov, V.A., Alyamovskii, S.I., Shevkin, G.P. Valence band formation in multi-component vanadium compounds 1-34619
- Ivanovskii, L.E. see Nekrasov, V.N. 1-52325
- Ivanovskii, M.N. see Arsen'ev, B.V. 1-15485
- Ivanovsky, A.L., Zhukov, V.P., Gubanov, V.A., Shevkin, G.P., Weber, J. Electronic structure of binary zirconium compounds: cluster calculations using different molecular orbital methods 1-30628
- Ivanshin, Y.I. see Aurenche, P. 1-28274
- Ivantsev, A.S., Konyashkina, V.I. Influence of impurities on the structure and optical properties of SnO₂ films [for filters] 1-39167
- Ivantsov, V.G. see Kovdrya, Yu.Z. 1-20490
- Ivantsov, Yu.V. see Alexander, I.N. 1-45066
- Ivanukin, L.A. Effect of wavelike electron density disturbances on the Doppler frequency shift of soundings 1-22588
- Ivanyutin, L.A., Arendarenko, A.A., Sokolov, E.B., Slepnev, Yu.V., Shchetinina, G.N., Stolyarova, M.A. Growth mechanisms of epitaxial layers of gallium arsenide in the hydride method with use of trimethylgallium 1-38315
- Ivanyutin, L.A. see Antuf'ev, Yu.P. 1-3532
- Ivars, R., Lundgren, K., Elkert, J., Persson, B. High temperature filter tests show exposure reduction 1-50951
- Ivarsson, A. see Erlandsson, B. 1-44030
- Ivarsson, B. see Sandstrom, R. 1-39396
- Ivascu, M. see Avrigeanu, M. 1-14696, 1-14697, 1-50602
- Ivascu, M. see Bucurescu, D. 1-41078
- Ivascu, M. see Poenaru, D.N. 1-18606
- Ivasenko, N.F. see Bokova, N.A. 1-19879
- Ivashchenko, A.V. see Barnik, M.I. 1-37602
- Ivashchenko, M.M., Ulizko, E.P. Determining the heat-transfer coefficients during cooling of large pieces 1-3799
- Ivashchenko, N.I. see Tiranskaya, S.M. 1-43588
- Ivashchenko, V.E. see Pinkhusovich, R.L. 1-27995
- Ivashina, Yu.K., Nemchenko, V.F., Smolin, M.D. The martensite character of phase transformation in Ta-H system 1-16774
- Ivashchenko, V.M., Konakova, R.V., Tkhorik, Yu.A., Shvarts, Yu.M. The structure and electrical characteristics of Si/Ge heterojunctions. II. The electrical characteristics of Si/Ge heterojunctions 1-52651
- Ivchenko, E.L., Pikus, G.E., Yuldashev, N.Kh. Transfer of polarized radiation in crystals in the excitation region of the spectrum. The effect of re-emission 1-12519
- Ivchenko, E.L. see Asnin, V.M. 1-47704
- Ivchenko, I.N. Evaporation of spherical drops under conditions of thermostatic control of their surface 1-19762
- Ivchenko, L.G. see Raikhel', A.M. 1-21663, 1-31561, 1-43507
- Ivchenko, V.O. see Voronov, V.A. 1-4520
- Ivensen, V.A., Rakoch, T.A. Densification of powder compacts during nonisothermal sintering. II. Pore volume reduction during nonlinear and linear temperature rises 1-39278
- Ivensen, V.A., Rakoch, T.A. Densification of powder compacts during nonisothermal sintering. III. Pore volume reduction during the initial heating prior to isothermal holding 1-53124
- Ivenskii, S.N. see Finkel'shtein, V.E. 1-15368
- Ivering, J.W. Bond of tube in semi-infinite elastic solid 1-19652
- Iverson, J.D. see Pradep Raj, 1-19721
- Iverson, S.G. see Nann, H. 1-14451
- Ives, J.C. see Barr, P. 1-13855
- Ives, L.K. see Wiedehorn, S.M. 1-26628
- Ives, M.B. see Mitrovic-Scepanovic, V. 1-21624
- Ivina, N.F. see Kasatkina, B.A. 1-29500
- Ivkin, S.V. Dispersion axes of the weak magnetization of particles of the magnetic fraction of rocks 1-23237
- Ivlev, B.I., Kopnin, N.B., Pethick, C.J. Nonlinear current-voltage characteristics of normal-superconducting boundaries 1-30886
- Ivlev, B.I., Kopnin, N.B., Petik, K.Dzh. Nonlinearity of the current-voltage characteristic and the magnetoresistance of the interface between the superconducting and normal phases 1-7794
- Ivlev, I.I. see Anisimova, E.P. 1-40138
- Ivlev, L.S., Borisov, N.V., Vereshchagin, V.V. On light absorption by molecules adsorbed on aerosols 1-4125
- Ivlev, L.S. see Andreev, S.D. 1-40191
- Ivleva, V.S. see Yurova, E.S. 1-20741
- Ivliev, A.D. see Zinov'ev, V.E. 1-25945
- Ivliy, M.P., Sakhnenko, V.P. Theory of ferroelastic phase transitions in KCN 1-7317
- Ivoilova, E.Kh., Leushin, A.M. Metal-ligand exchange effects in the theory of the Yb²⁺ ion 4f¹³d configuration shift in fluorite type crystals 1-12068
- Ivolga, V.V. see Zhilyakov, S.M. 1-52780
- Ivon, A.I. see Gavriluk, V.I. 1-38835
- Ivonin, I.V. see Lavrentyeva, L.G. 1-20591
- Ivory, D.M. see Shacklette, L.W. 1-11697
- Iwabuchi, E. see Inaoka, K. 1-2838
- Iwabuchi, S. Phase transitions and dielectric constants in TTF-TCNQ 1-34470
- Iwabana, K. see Ohkura, H. 1-39139
- Iwahara, M. see Muraoka, T. 1-37742
- Iwahashi, K., Masuda, Y. Nuclear magnetic ordering in BCC solid ²He 1-11952
- Iwahashi, K., Masuda, Y. Four spin exchange model and nuclear antiferromagnetic resonance in solid ²He 1-25527
- Iwai, M. see Tokue, I. 1-14858
- Iwai, S. see Ishizawa, N. 1-34296
- Iwai, T. see Kaneko, Y. 1-46109
- Iwai, T. see Tsurubuchi, S. 1-33541
- Iwai, Y., Nagafuji, M., Arai, Y. Prediction of solubilities for gases in molten polymers using a solution model 1-47242
- Iwai Shin-ichi see Shin-ichi Iwai
- Iwaki, H. see Arai, J. 1-43490
- Iwaki, M., Hayashi, H., Kohno, A., Yoshida, K. Frictional properties of nickel and copper implanted low carbon steel plates 1-43539
- Iwaki, M. see Okabe, Y. 1-42411
- Iwakura, K. see Fujimura, T. 1-8266
- Iwakura, T., Kasida, Y., Inoue, Y., Arai, K. Behavior of environmental carbon-14 and tritium in Japan 1-53710
- Iwama, S., Hayakawa, K. Sintering of ultrafine metal powders. II. Neck growth stage of Au, Ag, Al and Cu 1-48298
- Iwama, T. see Daido, Y. 1-41838
- Iwama, T. see Nakajima, H. 1-11212
- Iwama, Y. see Nishio, T. 1-5347
- Iwamatsu, A. see Ohta, K. 1-37722
- Iwamatsu, M. Atomic approach to the mixed configuration ground state 1-52528
- Iwamatsu, M., Onodera, Y., Itoh, Y., Kobayashi, N., Kaneko, Y. Impact-parameter approach to vibrational excitation cross sections of ion-polar-molecule collisions 1-41460
- Iwami, M., Kim, S.C., Kataoka, Y., Imura, T., Hiraki, A., Fujimoto, F. Origin of Si(LMM) Auger electron emission from silicon and Si-alloys by keV Ar⁺ ion bombardment 1-26344
- Iwami, M., Okuno, K., Kamei, S., Ito, T., Hiraki, A. Electronic states of Ni-silicides and its relation to metal-silicide/Si interfaces 1-38019
- Iwami, M. see Ito, T. 1-38706, 1-42866
- Iwami, M. see Okuno, K. 1-52364
- Iwamoto, J. see Decker, B.E.L. 1-29714
- Iwamoto, K. see Hagihara, T. 1-2681
- Iwamoto, K. see Kurata, Y. 1-8346
- Iwamoto, K. see Ogawa, T. 1-53098
- Iwamoto, K. see Yamagata, T. 1-45484
- Iwamoto, N., Makino, Y. State of the chromium ion in soda silicate glasses under various oxygen pressures 1-31174
- Iwamura, Y. Vapor phase growth of CdTe on PbTe 1-12183
- Iwan, W.D., Mason, A.B., Jr. Equivalent linearization for systems subjected to non-stationary random excitation 1-9825
- Iwanaga, H., Yoshie, T., Yamaguchi, T., Shibata, N. Polarity of CdS crystals growing in atmosphere of excess Cd or S vapor 1-3584
- Iwanaga, H., Yoshie, T., Yamaguchi, T., Shibata, N. Growth mechanism of hollow CdSe and CdS crystals 1-53066
- Iwanaga, H. see Suzuki, K. 1-52139
- Iwanaga, H. see Yoshie, T. 1-52097
- Iwanczyk, J.S. see Faile, S.P. 1-3585
- Iwanczyk, J.S. see Slapa, M. 1-18952
- Iwane, G. see Imaki, H. 1-47103, 1-41755
- Iwane, G. see Imai, H. 1-46339
- Iwane, G. see Kawaguchi, H. 1-41695
- Iwane, G. see Takahashi, S. 1-15180
- Iwanov, D., Nanev, C. Direct synthesis of epitaxial Al³⁺B³⁺ semiconductor thin layers on metal single crystal substrates 1-8224
- Iwanowska, W. Stellar age and mass determinations from kinematic data 1-36264
- Iwanowska, W. Globular clusters 1-49743
- Iwao, S. New approach to hypernuclei 1-658
- Iwao, S. Dispersion sum rule on onia, a model of hadrons and molecular onia 1-14321
- Iwao, S. Hierarchy on molecular onia 1-23488
- Iwao, S. Effect of inequality of f_π and f_ρ to the relative rates for $\psi \rightarrow 3/\psi\pi^0$, $J/\psi \rightarrow \eta\pi^0$, $T \rightarrow T\pi^0$, η decays 1-33177
- Iwao, S. Spectroscopy of hypernuclei in a new model 1-33231
- Iwao, S., Yamawaki, M.T. Mass of η and two-photon decays of bottomonia 1-33183
- Iwasa, H. see Inoue, K. 1-28785
- Iwasa, I., Suzuki, H. Effects of ³He impurities on the acoustic properties of HCP ⁴He 1-16140
- Iwasa, I., Suzuki, H. Sound velocity and attenuation in HCP ⁴He crystals containing ³He impurities 1-25526
- Iwasa, M., Kinoshita, M., Terai, R. Calculation of thermal conductivity in glass-copper system by sphere packing models 1-47313
- Iwasa, M. see Okuo, T. 1-17224
- Iwasa, S. see Lang, S.E. 1-5401
- Iwasa, T., Tokunaga, F., Yoshizawa, T. A new pathway in the photocycle of trans-bacteriorhodopsin and the absorption spectra of its intermediates 1-48956
- Iwasa, Y., Thome, R.J., Leupold, M.J., Maguire, J.F., Montgomery, A.G., Olmstead, M.M., Rabasco, A.D., Sinclair, M.W., Sliki, D.J., Thompson, J.B. The MHD component test facility at the Francis Bitter National Magnet Laboratory 1-53627
- Iwasaki, H. Anisotropic lattice compression of the L1₀-type ordered alloys 1-34425
- Iwasaki, H., Nakamura, K., Takeda, T., Yamauchi, M. Multiwire proportional chambers with bidimensional readout for pp total cross-section measurement 1-41272
- Iwasaki, H., Okada, M. X-ray diamond anvil cell and pseudo-Kossel line pattern 1-29997
- Iwasaki, H., Takahashi, M. Viscosity of carbon dioxide and ethane 1-46839
- Iwasaki, H. see Aihara, H. 1-45336
- Iwasaki, H. see Ichikawa, M. 1-52280
- Iwasaki, H. see Kondo, S. 1-3349
- Iwasaki, H. see Mikami, O. 1-46553
- Iwasaki, H. see Wen-Kui Wang 1-20065
- Iwasaki, K. see Nishimura, A. 1-16385
- Iwasaki, M. see Nishiyama, S. 1-5226, 1-18585
- Iwasaki, M. see Schlick, S. 1-43036
- Iwasaki, M. see Takama, T. 1-15752
- Iwasaki, S. Perpendicular magnetic recording 1-37752
- Iwasaki, S., Sakurai, T. A wavelength calibration of commercial wavelength stabilized He-Ne laser 1-46295
- Iwasaki, S. see Hara, K. 1-10332
- Iwasaki, S. see Miyamura, A. 1-29760
- Iwasaki, S.-i., Ouchi, K., Honda, N. Studies of the perpendicular magnetization mode in Co-Cr sputtered films 1-12369
- Iwasaki, T., Nakamura, Y., Wakabayashi, H. Electron spin resonance study on the ⁵¹Eu²⁺ vacancy complexes in alkali fluorides 1-47943
- Iwasaki, T. see Matsura, M. 1-44117
- Iwasaki, T. see Nishio, O. 1-45631
- Iwasaki, Y. see Harakeh, M.N. 1-23594
- Iwasaki, Y. see Yoshino, K. 1-46998
- Iwasawa, H. see Yamamoto, H. 1-38790
- Iwase, M. see Ohswa, O. 1-8716
- Iwase, T. see Hishida, H. 1-23727
- Iwashige, H., Ohta, M. A study on sound transmission loss of double-walls having several types of geometrical section by use of the improved statistical energy analysis method 1-29463
- Iwashige, H. see Ohta, M. 1-1771, 1-11241, 1-21956
- Iwashita, T. see Kubota, J. 1-28560
- Iwashita, Y. Field stability improvement of the Kyoto University cyclotron 1-14709
- Iwashita, Y., Higo, T., Kuroki, K. Magnetic field trimming effect of saturated ferromagnetic rods [in superconducting cyclotron] 1-14710
- Iwata, A. see Ishii, N. 1-26902
- Iwata, A. see Suzumura, N. 1-40015
- Iwata, A. see Takagi, M. 1-9219
- Iwata, F. see Tsujiuchi, J. 1-41631
- Iwata, H. see Ikada, Y. 1-34550
- Iwata, K. Measurement of three-dimensional refractive index distribution 1-18288
- Iwata, K., Watanabe, S., Suzuki, M., Saito, T. Holographic viewing of neurodiagrams—an attempt of a new method for 3-dimensional and dynamic observation 1-8961
- Iwata, N., Matsushima, T., Fujii, H., Okamoto, T. Magnetic properties of (Cr_{1-x}Ni_x)₂As single crystal compounds 1-12267
- Iwata, N., Matsushima, T., Fujii, H., Okamoto, T. Magnetic properties of (Cr_{1-x}Ni_x)₂P compounds 1-52756
- Iwata, R., Ido, T. A routine method for ¹¹CO production 1-53900
- Iwata, S. A controlled drift space in proportional wire chambers for ionization loss measurement 1-45779
- Iwata, S. see Diakonou, M. 1-10256
- Iwata, S. see Fukushima, M. 1-45770
- Iwata, S. see Kanno, M. 1-38547
- Iwata, S. see Kikuchi, A. 1-7707
- Iwata, S. see Kourkumelis, C. 1-5665, 1-50474
- Iwata, S. see Mizumoto, Y. 1-53880
- Iwata, S. see Moroyama, T. 1-39861
- Iwata, S. see Nishi, T. 1-50660

- Iwata, S. see Osamura, Y. 1-1073
 Iwata, S. see Shimoi, S. 1-7921
 Iwata, S. see Terada, S. 1-14415
 Iwata, T. see Nihara, T. 1-25512
 Iwata, Y. Gamma-ray spectroscopy of ^{156}Gd following the decays of ^{156}Eu and ^{156}Tb 1-33238
 Iwata, Y., Kobori, Y., Toyama, M., Nonaka, K. Subharmonic vibration of order 1/3 in two-degree-of-freedom nonlinear spring-mass system 1-10003
 Iwata, Y., Yoshizawa, Y. Precision measurements of gamma-ray intensities. III. ^{52}Mn , ^{90}Nb and ^{197}Au 1-10344
 Iwatani, K., Nishiyama, F., Hasai, H. Output pulse-shapes of position-sensitive proportional counters using high resistance single wire 1-14719
 Iwatani, K. see Ohnuma, H. 1-18635
 Iwatubo, E.Y. see Myren, G.D. 1-49180
 Iwauchi, K., Kita, Y., Koizumi, N. Magnetic and dielectric properties of Fe_2O_3 1-12355
 Iwinski, Z.R., Kim, Y.S., Pratt, R.H. Generalized Fermi-Segre formula 1-113
 Ixaru, L.G. Perturbative numerical methods to solve the Schrödinger equation 1-14039
 Iye, Y. Mobility of electrons in the surface state of liquid helium 1-11930
 Iye, Y. see Kono, K. 1-7414
 Iye, Y. see Tanuma, S. 1-42677
 Iyengar, K.M.S. Energy for people: community systems and urban areas 1-31996
 Iyengar, K.N. see Ajitnand, N.N. 1-18980
 Iyengar, K.T.S.R., Raman, P.V. Free vibration of rectangular plates of arbitrary thickness with one or more edges clamped 1-19610
 Iyengar, K.T. Sundara Raja see Sundara Raja Iyengar, K.T.
 Iyengar, L. see Kistaiah, P. 1-38560, 1-38561, 1-47261
 Iyengar, M.L. see Kistaiah, P. 1-47648
 Iyengar, N.G.R. see Sharma, S. 1-33919
 Iyengar, R.N. see Gadgil, S. 1-54204
 Iyengar, T.K.V. see Lakshmana Rao, S.K. 1-29732, 1-29733
 Iyengar, V.S. see Rao, U.R. 1-49595
 Iyengar Leela see Leela Iyengar
 Iyer, M.R. see Choithramani, S.J. 1-51067
 Iyer, P.A. see I-Wu Shen, P. 1-37559
 Iyer, P.S., Dhond, R.V. Average annual doses, lifetime doses and associated risk of cancer death for radiation workers in various fuel fabrication facilities in India 1-32254
 Iyer, R. Chandran see Chandran Iyer, R.
 Iyer, R.H. see Mahajan, G.R. 1-23975
 Iyer, R.H. see Ramaswami, A. 1-18690
 Iyer, R.H. see Rao, V.K. 1-53511
 Iyer, R. Subramonia see Subramonia Iyer, R.
 Iyoki, S., Uemura, T. Corrosion inhibitor in water-lithium chloride absorption refrigerating machine and dehumidifier 1-3984
 Iyoshi, A. see Morimoto, S. 1-42216
 Izaki, T. see Sanuki, S. 1-26734
 Izakson, G.S., Kudryavtsev, V.M., Merkulov, A.P., Tokarev, G.P. On vortex tube critical regimes 1-15498
 Izatt, J.R., Mathieu, P. Far-infrared lasers pumped with tunable narrow band CO_2 -TEA lasers 1-6572
 Izatt, R.D. see Moffitt, W.C. 1-18806
 Izawa, H. see Nozato, R. 1-26508
 Izawa, S. see Yamagishi, A. 1-26976
 Izawa, T., Inagaki, N. Materials and processes for fiber preform fabrication-vapor-phase axial deposition 1-11187
 Izawa, Y. see Niki, H. 1-24142
 Izibicki, J.-L., Maze, G., Faure, A. Study of the nonlinear propagation of a surface wave by an optical method 1-24570
 Izem, J.M. see Bebek, C. 1-33191
 Izem, J.M. see Chadwick, K. 1-33192
 Izgorodina, V.M., Pinegin, A.V., Poklontsev, B.A. Effect of laser radiation on the refractive index of transparent liquids containing absorbing particles 1-1610
 Izhevskina, N.I. Luminance of an artificial aurora as a function of the pitch angle of injection of an electron beam 1-22565
 Izhevskina, N.I. Secondary effects upon interaction of an artificially injected electron beam with atmospheric neutrals near a rocket 1-22605
 Izhevskina, N.I., Kosik, J.C.I., Pyatsi, A.K., Reme, H., Saint-Marc, A., Sverdlow, Ju.L., Uspensky, M.V., Vigo, J.M., Zarnitsky, Ju.F., Zhulin, I.A. Comparison between experimental and theoretical conjugate points locations in the Araks experiments 1-44391
 Izhevskina, N.I., Ruzhin, Yu.Ya. Rate of plasma production of electron pulses in the immediate vicinity of the rocket and HF radioemission in 'Araks' and 'Zarnitsky' experiments 1-44378
 Izhevskina, N.I. see Gringauz, K.I. 1-44373
 Izotov, I.N. see Elisufev, S.A. 1-1843
 Izotov, Yu.I., Kolesnik, I.G. Hydrodynamics of a cloud contraction by a large external pressure 1-4957
 Izotov, Yu.I., Kolesnik, I.G. Isothermal cloud contraction by the increasing outer pressure 1-40551
 Izquierdo, G., West, A.R. Phase equilibria in the system $\text{Li}_2\text{O}-\text{TiO}_2$ 1-31439
 Izrael, F.M. Nearly linear mappings and their applications 1-18158
 Izrael, F.M. see Chirikov, B.V. 1-50055
 Izrael, F.M., Shepelyanskii, D.L. Quantum resonance for a rotor in a nonlinear periodic field 1-3162
 Izui, M. see Tsu, R. 1-35044, 1-53006
 Izuchi, M., Yamada, K., Wada, M., Nishikawa, O. Field ion microscopy of Ga-W and Ga-Mo interfaces. I. Structures of Ga and field emission current 1-31319
 Izubo, T. see Ishizaki, T. 1-26519
 Izume, A., Kubota, J. Verification of a dynamics model of a sodium heated steam generator 1-28555
 Izumi, A. see Hashimoto, T. 1-34251
 Izumi, F. see Kodama, H. 1-3588
 Izumi, H. see Kishimoto, M. 1-2778
 Izumi, H. see Yamasaki, T. 1-53282
 Izumi, K. see Kinoshita, M. 1-5839
 Izumi, M. see Mihashi, H. 1-43525
 Izumi, M. see Sekine, T. 1-8057
 Izumi, O. see Fat-Halla, N. 1-31534
 Izumi, O. see Hanada, S. 1-8390, 1-43452
 Izumi, O. see Kawabata, T. 1-26535
 Izumi, O. see Liu, M. 1-25821
 Izumi, O. see Nagata, A. 1-8354, 1-42894
 Izumi, O. see Takasugi, T. 1-15901
 Izumi, S. see Hashimoto, Y. 1-45704
 Izumi, T. Curved position-sensitive detector for X-ray crystallography 1-23953
 Izumi, T., Nakamura, K. Wavelength-modulated derivative spectrometer capable of an automatic analyzer of environmental air pollutants 1-32069
 Izumi, Y., Dondos, A., Picot, C., Benoit, H. Shear viscosity measurements in the binary mixture butyl cellosolve-water near its upper and lower critical consolute points 1-52274
 Izumi, Y., Fine, M.E., Mura, T. Energy considerations in fatigue crack propagation 1-46708
 Izumi, Y., Miyake, Y., Kono, R. Critical dynamic viscosities in xenon and in the binary mixture nitrobenzene-n-hexane 1-25487
 Izumitani, T., Asahara, Y. The cause of low damage threshold of fluorophosphate glass 1-41760
 Izumitani, T., Toratani, H. Temperature coefficient of electronic polarizability in optical glasses 1-3352
 Izumitani, T. see Adachi, S. 1-29362
 Izumitani, T. see Asahara, Y. 1-31211
 Izumiya, A. see Nagata, A. 1-8354
 Izumoto, T. see Kim, B.T. 1-36937
 Izutsu, M., Haga, H., Suetu, T. 0 to 18 GHz traveling-wave optical waveguide intensity modulator 1-33798
 Izutaya, S. see Mizoue, M. 1-44161
 Izuyama, T. Frequency of zero field resonance in solid ^3He 1-20503
 Izvekov, V.A. The construction of the numerical theory of Venus' motion for the time span 1961-1972. I. Statement of the problem 1-49552
 Izvekov, V.A. see Vyzhlov, B.V. 1-4932
 Izvol'skii, V.V. see Kristhal, M.A. 1-35447
 Izvozhnikov, A.B. see Gladkovsky, I.P. 1-10605
 Izzycki, M., Backenstoss, G., Tauscher, L., Blum, P., Guigas, R., Hassler, N., Koch, H., Poth, H., Emmoth, B., Fransson, K., Nilsson, A., Pavlopoulos, P., Zioutas, K. Results on the measurement of K-series X-rays from antiprotonic hydrogen 1-1419
 Izzycki, M., Backenstoss, G., Tauscher, L., Blum, P., Guigas, R., Hassler, N., Koch, H., Poth, H., Fransson, K., Nilsson, A., Pavlopoulos, P., Zioutas, K. Results of the search for K-series X-rays from kaonic hydrogen 1-1420
 Izyneev, A.A. see Denker, B.I. 1-51492
 Izyumov, Yu.A. see Dubinin, S.F. 1-7810, 1-43335
 J. Yao Shang see Shang J. Yao
 Ja, Y.H. Dependence of the minimum resolvable separation of two coherent point sources on their relative phase 1-29224
 Jaakkola, S., Korventausta, I., Hovi, V., Lakisto, M. Thermal expansion of Y_2Mn_{23} , $\text{Gd}_2\text{Mn}_{23}$, and $\text{Tb}_2\text{Mn}_{23}$ between 290 and 610 K 1-16068
 Jaakkola, S. see Kervinen, T. 1-23752
 Jaakkola, S.M., Hanninen, M.K. Dependence on interatomic distance of exchange coupling in rare-earth Al_2 compounds 1-7825
 Jaaskelainen, J., Suoninen, E. Structure and ordering of solid solutions of iron in palladium 1-52286
 Jaaskelainen, M. see Sarantites, D.G. 1-45771
 Jaaskelainen, T., Salminen, O., Hamalainen, R.M.K. Exact solutions of the coupled wave equations for sinusoidally modulated unslanted transmission volume gratings 1-1524
 Jablon, M.A. see Denegri, D. 1-28356
 Jablon, C. see Bastos, J.P. 1-24313
 Jablonski, A. Calculations of the backscattering factor for $\text{L}_{2,3}\text{MM}$ Auger transitions 1-21301
 Jablonski, A. Approximation of atomic potentials by a screened Coulomb field 1-33531
 Jablonski, D.A. Fatigue crack growth in structural adhesives 1-48482
 Jablonski, F. see Menzies, J.W. 1-54533
 Jablonski, Z. see Buschbeck, F. 1-28037
 Jabra, R., Phalippou, J., Zarzycki, J. Synthesis of binary glass-forming oxide glasses by hot-pressing of gels 1-31411
 Jabra, R. see Phalippou, J. 1-7253
 Jaccard, C. see Mezger, A. 1-3475
 Jaccard, C. see Mori, Y. 1-3298
 Jaccard, S. see Besset, D. 1-10375
 Jaccard, S. see Foroughi, F. 1-28339
 Jaccarino, V. see Rezende, S.M. 1-3412
 Jaccarino, V. see Sanders, R.W. 1-43018
 Jacco, J.C., Kostecy, G., Loiacono, G.M. Solution crystal growth of dicalcium strontium propionate and dicalcium lead propionate 1-53072
 Jacco, J.C., Loiacono, G.M., Shavlov, A., Smith, W.A. Growth and dielectric properties of ferroelectric propionates 1-26377
 Jach, J. see Bhat, H. 1-11997
 Jach, K. see Dubik, A. 1-19376
 Jach, T. see Hamilton, J.C. 1-52774
 Jacholkowska, A. see Gottgens, R. 1-50472
 Jachowicz, R.S. see Stegawski, M.A. 1-40799
 Jachowicz, W. see Wasilewski, W. 1-16463
 Jack, I. Multi-instanton determinants for tensor product gauge fields 1-14227
 Jack, K.H. The processing and properties of Sialons and related nitrogen ceramics 1-16733
 Jack, K.H. see Jones, D.M. 1-21468
 Jack, M.A., McKee, D., Milne, A.D., Warden, M. Discrimination of pulsed and CW signals using SAW power cepstrum analysis 1-33853
 Jackel, J. High- Δn optical waveguides in LiNbO_3 : Thallium-lithium ion exchange 1-29386
 Jackel, L.D. see Howard, R.E. 1-47817
 Jackel, N. see Mattes, R. 1-34314
 Jackel, S. see Arad, B. 1-34050
 Jackel, S. see Klapisch, M. 1-1159
 Jackiw, R. Invariance, symmetry and periodicity in gauge theories 1-18357
 Jackiw, R. Introduction to the Yang-Mills quantum theory 1-28195
 Jackiw, R. Dynamical symmetry of the magnetic monopole 1-28228
 Jackiw, R. Bifurcation and stability in Yang-Mills theory with sources 1-33115
 Jackiw, R., Manton, N.S. Symmetries and conservation laws in gauge theories 1-410
 Jackiw, R., Strominger, A. Wave function(al)s in the large- N limit 1-50320
 Jackle, J., Frobose, K. The electron-phonon coupling constant of amorphous metals 1-30735
 Jackle, J. see Baumann, T. 1-2570
 Jackle, J. see Frobose, K. 1-34443
 Jackle, J. see Jones, D.P. 1-16604
 Jackman, C.H., Frederick, J.E., Stolarski, R.S. Production of odd nitrogen in the stratosphere and mesosphere: an intercomparison of source strengths 1-44253
 Jackman, J.A. see Egelstaff, P.A. 1-27720
 Jackman, T.E., MacDonald, J.R., Feldman, L.C., Silverman, P.J., Stensgaard, I. (001) and (110) Si-SiO_2 interface studies by MeV ion backscattering 1-16647
 Jackman, T.E. see Lennard, W.N. 1-12617
 Jacksch, M., Schmalwasser Optoelectronic sensor for the automatic and manual mounting of the products of optical precision instrument manufacture 1-46599
 Jackson, A.C., Olson, D.E. Comparison of direct and acoustical area measurements in physical models of human central airways 1-13297
 Jackson, A.D. see Duro, J.W. 1-10327
 Jackson, A.D. see Jennings, B.K. 1-28373
 Jackson, A.D. see Wambach, J. 1-10364
 Jackson, C.J. see Davis, J.K. 1-49168
 Jackson, C.M., Elliott, J., Hardiman, M., Orbach, R., Shenoy, G.K. Electron paramagnetic resonance in $\text{Y}_1-\text{H}_{92}\text{Er}_1$ 1-38969
 Jackson, C.P. see Winters, K.H. 1-42103
 Jackson, D.A. Isotope shifts in visible lines of the arc spectrum of krypton 1-1172
 Jackson, D.A. Hyperfine structure and isotope shifts in the lines 4033 Å of gallium I and 4101 Å of indium I 1-45871
 Jackson, D.A., Priest, R., Dandridge, A., Tveten, A.B. Elimination of drift in a single-mode optical fiber interferometer using a piezoelectrically stretched coiled fiber 1-6659
 Jackson, D.A. see Dandridge, A. 1-46341
 Jackson, D.D., Lee, W.B., Chi-Ching Liu Aseismic uplift in southern California: an alternative interpretation 1-53956
 Jackson, D.F. see Hawkes, D.J. 1-26996
 Jackson, D.P. Comparison of ion backscattering models 1-26327

- Jackson, D.P. The influence of surface trapping on low energy light ion reflection 1-53030
- Jackson, H.E. see Bowles, T.J. 1-41144
- Jackson, H.E. see Dutta, S. 1-11087
- Jackson, H.E. see McKeown, R.D. 1-28499
- Jackson, I., Ringwood, A.E. High-pressure polymorphism of the iron oxides 1-49259
- Jackson, I. see Leven, J.H. 1-40100
- Jackson, J., Fitch, T. Basement faulting and the focal depths of the larger earthquakes in the Zagros mountains (Iran) 1-49224
- Jackson, J. see Bozoki, G. 1-45752
- Jackson, J.D.J., Rand, B., Rawson, H. Glass surface coatings resistant to mechanical damage 1-53326
- Jackson, J.J. see Ryan, E.A. 1-52180
- Jackson, J.M. An intensity modulated optical hydrophone 1-29503
- Jackson, J.M. see Foster, K. 1-8441
- Jackson, K.L. see Hebard, D.W. 1-22080
- Jackson, K.P. see Wiescher, M. 1-18617
- Jackson, L. see Ryan, J.P. 1-37508
- Jackson, L.E., Jr. Glacial history and stratigraphy of the Alberta portion of the Kananaskis Lakes map area 1-44215
- Jackson, M.R. see Raiden, J.R. 1-21643
- Jackson, P. see Bayman, M. 1-8841
- Jackson, P.C., Wilde, P., Watt, I., Davies, R. An edge detection algorithm for use in radionuclide imaging 1-53862
- Jackson, R.D. see McFarlane, J.C. 1-13219
- Jackson, R.R. see Fullwood, R.R. 1-855
- Jackson, S. see McCurrie, R.A. 1-12352
- Jackson, S.A. Automated electrocatalysis—a microprocessor application example 1-35901
- Jackson, S.A., Platzman, P.M. Effect of Fermi-surface anisotropy on the resistivity of electron-hole plasmas 1-20739
- Jackson, T. see Hahn, F. 1-13186
- Jackson, W.M., Noakes, J.E., Spaulding, J.D. Forage: a sensitive indicator of airborne radioactivity 1-53739
- Jacky, J.P. Barometric measurement of tidal volume: effects of pattern and nasal temperature 1-26928
- Jacmart, J.C. see Roynette, J.C. 1-45533
- Jacmart, J.C. see von Oertzen, W. 1-23702
- Jacob, G. see Martin, G.M. 1-38742
- Jacob, I., Mintz, M.H., Shahal, O., Wolf, A. Study of Debye temperature of Mg_2Ni , Mg_2NiH_2 and Mg_2NiD_4 using nuclear resonant scattering of gamma rays 1-52252
- Jacob, I., Stern, A., Moran, A., Shaltiel, D., Davidov, D. Hydrogen absorption in $(Zr,Ti)_{1-x}B_2$ ($B=Cr, Mn$) and the phenomenological model for the absorption capacity in pseudo-binary Laves-phase compounds 1-7460
- Jacob, J.H., Trainor, D.W., Rokni, M., Hsia, J.C. Accessibility of the $KrF^+(B)$ state to laser photons 1-10988
- Jacob, J.H., Trainor, D.W., Rokni, M., Hsia, J.C. Accessibility of the $KrF^+(B)$ state to laser photons 1-37271
- Jacob, J.H. see Trainor, D.W. 1-24397
- Jacob, K.H. see Nakamura, K. 1-44160
- Jacob, K.H. see Perez, O.J. 1-44162, 1-49219
- Jacob, K.T. Isothermal section of the Ni-Co-S phase diagram at 1273K 1-48329
- Jacob, L.J.S. see Mai, Y.W. 1-43523
- Jacob, M. High P_r and jets 1-10280
- Jacob, M. New directions in elementary particle physics—pp from very low to very high energies 1-28782
- Jacob, P. Conformal invariant two-particle scattering processes 1-36796
- Jacob, P., Saller, H., Schneider, H. Unifying the SU₃ grand unification theory 1-45174
- Jacob, S., Arunachalam, S. Development of composite polystyrene insulation for cryogenic applications 1-8268
- Jacob, S. see Arunachalam, S. 1-44929
- Jacob, S. see Subramanyam, S.V. 1-5326
- Jacobi, S. see Cartwright, D.K. 1-823
- Jacobi, W. see Evans, R.D. 1-53828
- Jacobi, W. see Regulla, D.F. 1-6096
- Jacobi, C. see Ferry, D.K. (editor) 1-13926
- Jacobs, A.M. see Creer, K.M. 1-13386
- Jacobs, B., De Mey, G. Theoretical analysis of Cu₂S-CdS solar cells with rough interfaces 1-53610
- Jacobs, D.A.H. The contribution of numerical analysis to the solution of 3D electromagnetic field problems 1-24331
- Jacobs, G.J.H., van den Bosch, R.L.P. Calibration measurements with the multisphere method and neutron spectrum analyses using the Sand-II program 1-10585
- Jacobs, G.K., Kerrick, D.M. A simple rapid-quench design for cold-seal pressure vessels 1-36673
- Jacobs, H., Schmidt, D. Structure and properties of the perovskite-like calcium amidometallates of cerium, neodymium and samarium, $Cs_2Ln(NH_3)_6$ 1-34315
- Jacobs, H. see Woods, W.J. 1-821
- Jacobs, H.R. see Kodres, C.A. 1-1809
- Jacobs, I. Lightwave communications—yesterday, today, and tomorrow. 1-19471
- Jacobs, I.S. see Bloch, D. 1-47910
- Jacobs, K., Seifert, W. The influence of ammonia on the growth rate in the vapour phase epitaxy of gallium phosphide 1-3634
- Jacobs, K. see Wilke, I. 1-12574
- Jacobs, K.D., Shefer, R.E., Bekfe, G. A free-electron laser pump produced by magnetic diffusion 1-15173
- Jacobs, L. Phase structure of Z_N gauge theories 1-45105
- Jacobs, L.J.M., Nijs, L., van Willigenburg, J.J. A computer model to predict traffic noise in urban situations under free flow and traffic light conditions 1-26865
- Jacobs, M., Reuss, J., Van De Ree, J. Distorted wave and close coupling calculation of cross sections for H_2 -inert gas systems, mainly above the rotational threshold 1-10804
- Jacobs, P.W.M., Stillman, M.J., Oyama-Gannon, K., Simkin, D.J. Optical absorption and magnetic circular dichroism in the A and B bands of $KCl:Ga^{+}$ 1-21222
- Jacobs, P.W.M. see Catlow, C.R.A. 1-42376
- Jacobs, P.W.M. see Kamishima, Y. 1-12577
- Jacobs, P.W.M. see Nerenberg, M.A.H. 1-20341
- Jacobs, R.B. see Musinski, D.L. 1-45734
- Jacobs, S. see Abate, J.A. 1-41717
- Jacobs, S.D. see Brown, D.C. 1-29352
- Jacobs, S.D. see Scka, W. 1-6609
- Jacobs, S.E. see Burman, D.L. 1-28670
- Jacobs, S.E. see Hochreiter, L.E. 1-50815
- Jacobs, S.F., Piloff, H.S., Sargent, M., Scully, M.O., Spitzer, R. (editor) Free-electron Generators of Coherent Radiation. Proceedings of the 2nd ONR Workshop on Free-Electron Generators of Coherent Radiation 1-9768
- Jacobs, S.M. see Gottesman, S.R. 1-10260
- Jacobs, V.L., Bhatia, A.K., Temkin, A. Photodetachment and radiative attachment involving the $2p^2p^2$ state of H^- 1-49493
- Jacobs, V.L., Davis, J., Rogerson, J.E., Blaha, M., Cain, J., Davis, M. Dielectronic recombination rates, ionization, equilibrium, and radiative emission rates for calcium and nickel ions in low-density high-temperature plasmas 1-6929
- Jacobs, W. see Orth, H. 1-10875
- Jacobs, W.W. see Nadsen, A. 1-45507
- Jacobs, W.W. see Sjoreen, L.P. 1-23633
- Jacobsen, B.H., Pedersen, T.B. Interpretation of the magnetic field from a sphere in the wave-number domain 1-22218
- Jacobsen, C.S. see Papavassiliou, G.C. 1-52949
- Jacobsen, C.S. see Underhill, A.E. 1-34695
- Jacobsen, E.H. see Gaumond, C.F. 1-11826
- Jacobsen, G. Evanescent-wave and nonlinear transformation analysis of graded-index fibers 1-29390
- Jacobsen, J.P. ^{13}C and 2H relaxation time studies of selected 1:1 binary mixtures: isotope effects on correlation times 1-41401
- Jacobsen, J.P. see Bjorholm, T. 1-14916
- Jacobsen, R. see Owens, D.K. 1-25073
- Jacobsen, S.B., Wasserburg, G.J. Sm-Nd isotopic evolution of chondrites 1-13740
- Jacobsen, S.B., Wasserburg, G.J. A two-reservoir recycling model for mantle-crust evolution 1-49242
- Jacobsen, S.C. see Jerard, R.B. 1-22166
- Jacobsen, A.J. see Kleinberg, R.L. 1-31059
- Jacobsen, A.J. see Liang, K.S. 1-30061
- Jacobsen, A.S. see Mahoney, W.A. 1-32623
- Jacobsen, B.E. Methods for characterization of coating microstructures 1-30593
- Jacobsen, D. see Smith, E.L., III 1-17393
- Jacobsen, D.C. see Draper, C.W. 1-35451
- Jacobsen, E. Aligned atoms in strong oscillating RF fields. II. Modulation signals 1-1150
- Jacobsen, E. Aligned atoms in strong oscillating RF fields. I. The unmodulated resonance signals 1-6189
- Jacobsen, M.E., Carter, J.A., Paige, D.M. A unique sampling and transfer system for the Fluorinel Dissolution and Storage Facility 1-50912
- Jacobsen, M.J. see Kays, J.L. 1-37668
- Jacobsen, M.R., Lamoreaux, R.D. High-temperature optical characterization of thin film reflector and absorber layers 1-36742
- Jacobsen, R.A. see Shelton, R.N. 1-20158
- Jacobsen, R.E. see Ali, J.B. 1-17498
- Jacobsen, S.H., Ratner, M.A., Nitzan, A. Stoichiometry-dependent conductivity in framework ionic conductors 1-47293
- Jacobsen, M. see Albrektsson, T. 1-44050
- Jacoby, D., Shorrock, L.D. The production of ultra-thin carbon fibres for use as targets in laser produced plasma studies 1-21605
- Jacoby, G.H., Lesser, M.P. Distances to nearby galaxies derived from planetary nebulae 1-54616
- Jacoby, G.H. see Ridgway, S.T. 1-22774
- Jacolat, G., Legendre, P., Morin, J.F., Millour, L., Morin, P.P. Can angioscintigraphy take the place of phlebography? 1-49114
- Jacomme, L. A few theoretical aspects on propagation in multimode optical fibres 1-1694
- Jacopini, E. see Carboni, G. 1-15040
- Jacoud, R. see Behar, J. 1-8978
- Jacox, M.E. Matrix isolation study of the reaction of fluorine atoms with the trifluoromethyl halides. Infrared spectroscopic evidence for the CF_3XF free radicals 1-6243
- Jacox, M.E. The reaction of F atoms with C_2H_2 . Vibrational spectrum of the 1-2-fluorovinyl radical isolated in solid argon 1-28965
- Jacox, M.E. The reaction of F atoms with O_2 in an argon matrix. Vibrational spectra and photochemistry of FO_2 and O_2F_2 1-39615
- Jacq, J. see Choffee, B. 1-35694
- Jacquemart, Ch. see Simonini, M. 1-24004
- Jacquemier, M., Miny, J.C. Hot strength in controlled atmosphere 1-8493
- Jacquemin, J.L., Borture, G. A computer-aided modelling of Cu₂S-CdS solar cells 1-26831
- Jacques, A. see Le Noane, G. 1-11159
- Jacques, A. see Lesene, D. 1-41869
- Jacques, A. see Macke, B. 1-41412
- Jacques, J. see Desastre, C. 1-2318
- Jacques, P., Chalvet, O. Use of the CNDO/S method to elucidate the conformation of benzylidene aniline 1-10667
- Jacques, P. see Eymann, J.O. 1-43701
- Jacquesson, J. see Migault, A. 1-38513
- Jacquet, M., Bathier, M. A study of impurity-vacancy complexes in $SrCl_2$ doped with Na^+ , K^+ or Rb^+ ions by the ionic thermocurrent method 1-2499
- Jacquet, M.A. see Sharif, A. 1-27032
- Jacquier, B. see Pedrini, C. 1-3455
- Jacquino, P. see Liberman, S. 1-19057
- Jacquot, B. see Aubert, J. 1-19167
- Jacquot, B. see Bechtold, V. 1-28767
- Jacquot, B. see Bliman, S. 1-51284
- Jacquot, B. see Geller, R. 1-10552
- Jacquot, C. see Geller, R. 1-10552
- Jacquot, J.P. see Hashemian, H.M. 1-28534
- Jacquot, J.P. see Zwinglestein, G. 1-29799
- Jacquot, R.G. see Rahman, M.M. 1-54231, 1-54300
- Jacucci, G., Quirke, N. Structural correlation functions in the coexistence region from molecular dynamics 1-2303
- Jacyna, G.M. see Kays, J.L. 1-37668
- Jaczynski, M., Dobrowolski, W. Effective mass of conduction band electrons in $Hg_{1-x}Mn_xTe$ from Shubnikov-de Haas oscillations 1-25617
- Jaczycy, A., Pilch, K. Superspaces and supersymmetries 1-33129
- Jadin, V., Desmaret, J.P., Le-Nguyen-Dai Realisation of a semi-automatic installation for the calibration of a decade resistance box 1-18189
- Jadot, P. see Vankelecom, J. 1-39720
- Jadraque, A. see Madurga, G. 1-7179
- Jae Cheon Ki see Ki Jae Cheon
- Jae Hyun Oh, Yong Zoo You, Ki Byoung Youn Oxidation kinetic study of stibnite. 1-35408
- Jae Hyun Oh see Yong Zoo You 1-35409
- Jae Kwan Kim, In Gyu Koh, Hyun Jong Shin Analysis of deep inelastic electron-nucleon and muon-nucleon scattering in broken colour gauge theory 1-45298
- Jaeger, D.A. see Ellwanger, R.E. 1-47139
- Jaeger, R., Feldhaus, J., Haase, J., Stohr, J., Husain, Z., Menzel, D., Norman, D. Surface extended-X-ray-absorption fine structure by means of photon-stimulated ion desorption: O on Mo(100) 1-20562
- Jaeger, R., Menzel, D. Hydrogen on W(100): Temperature dependence of LEED and angle-resolved ESD 1-25572
- Jaeger, R., Stohr, J., Feldhaus, J., Brennan, S., Menzel, D. Photon-stimulated desorption following deep core-level excitation: O on Mo(100) 1-52421
- Jaeger, R. see Brennan, S. 1-16659
- Jaeger, R. see Stohr, J. 1-28915
- Jaegle, A. see Gewinner, G. 1-35148
- Jaegle, P., Jamelot, G., Carillon, A., Sureau, A. Towards lasers in X-ray domains 1-10979
- Jaenicke, R. Atmospheric aerosols and global climate 1-49349
- Jaenicke, R. see Eichmann, R. 1-4552
- Jaerschky, R. Operating experience with boiling-water nuclear power stations 1-10445
- Jaeschke, E. see Brix, P. 1-972
- Jaeschke, E. see Ingwersen, H. 1-6062
- Jafarizadeh, M.A., Snyder, M., Tze, H.C. Quaternionic multi-S⁺ instantons in general covariant SU(2) Yang-Mills and HP(n) σ -models 1-23414
- Jaffe, C., Brumer, P. Local and normal modes: a classical perspective 1-37134
- Jaffe, D. see Hartmann, L. 1-9504
- Jaffe, R.L. Applications of the bag model 1-18427
- Jaffe, W. On the morphology of the magnetic field in galaxy clusters 1-49825
- Jaffe, W., Caldwell, J., Owen, T. Radius and brightness temperature observations of Titan at centimeter wavelengths by the Very Large Array 1-44482
- Jaffe, W.L. see Averil, R.G. 1-17447
- Jaffrey, D., Browne, J.D., Howard, T.J. The cracking of zinc spangles on hot-dipped galvanized steel 1-48493
- Jaffrey, D., Lee, J.W., Browne, J.D. Co-Wc pseudobinary eutectic reaction 1-39329

- Jaffrey, D. *see* Lee, J.W. 1-3659
- Jaffrin, A. *see* Bourdeau, L. 1-17270, 1-17278
- Jagadeesh, M.S., Nagarathna, H.M., Montano, P.A., Seehra, M.S. Magnetic and Mossbauer studies of phase transitions and mixed valences in bornite ($\text{Cu}_4\text{Fe}_{12}\text{S}_{47}$) 1-52778
- Jagadeesh, M.S., Seehra, M.S. Electrical resistivity and band gap of marcasite (FeS_2) 1-25728
- Jagadeesh, M.S., Seehra, M.S. Principal magnetic susceptibilities of MnO and their temperature dependence 1-42950
- Jagadeesh, M.S. *see* Dalal, N.S. 1-47935
- Jagadeesh, T.R., Murthy, J.S.R. Developing laminar flow characteristics in elliptic ducts using Mathieu functions 1-29778
- Jagadish Singh *see* Ram, R.S. 1-45936
- Jagan Rao, N., Mascarenhas, A.S., Yamazaki, Y. Air-sea interaction studies at the station occupied by R/V Sirius 1-54090
- Jagannadham, K., Marcinkowski, M.J. Discrete dislocation analysis of a tensile crack under fatigue 1-8422
- Jagannadham, K., Marcinkowski, M.J. Discrete dislocation analysis of a plastic crack under repeated loading 1-52226
- Jagannath, C., Grabowski, Z.W., Ramdas, A.K. Linewidths of the electronic excitation spectra of donors in silicon 1-52976
- Jagannath, C., Ramdas, A.K. Piezospectroscopy of lithium donors in silicon 1-48030
- Jagannathan, K., Srinivasan, A., Hegde, M.S., Rao, C.N.R. Interaction of carbon monoxide with transition metal surfaces 1-16182
- Jagannathan, K. *see* Rao, C.N.R. 1-4132
- Jagannathan, R., Chinnappan, V.A., Savari Raj, G.A. On the isotopic invariants of polyatomic molecules 1-28888
- Jagannathan, R. *see* Bhanu Prasad, B. 1-39015
- Jagannathan, S.P. *see* Clarke, R.H. 1-35759
- Jagannathan, V. *see* Gupta, N.K. 1-28517
- Jager, C. *see* de Jager, C.
- Jager, F. System aspects of intensified domestic solar energy use in European countries 1-39742
- Jager, G. Direct digital transformation of measured values on the basis of light interference 1-23298
- Jager, G. *see* de Jager, G.
- Jager, H. *see* Reiter, R. 1-40156
- Jager, H.U., Gippner, P., Heinig, K.H., Richter, H., Truskova, N.F., Woittennek, H. 2pr and 1sr MO radiation and their high-energy tails in heavy-ion collisions 1-45985
- Jager, K.H. *see* Bonnet, D. 1-26838, 1-48850
- Jager, U. *see* Bertalot, L. 1-15648
- Jager, W., Roth, J. Microstructure of Ni and stainless steel after multiple energy He and D implantation 1-25338
- Jager, W. *see* Davidson, G.A. 1-24774
- Jagga, C.R. *see* Yoganarasimhan, S.R. 1-48679
- Jaggard, D.L. Vector coupled-mode equations for modulated periodic media 1-29187
- Jagger, J. *see* Peters, J. 1-35838
- Jaggi, N.K. Non-exponential relaxation and remanence in Ising spin glass models 1-3185
- Jaggi, R. *see* Gasser, M. 1-31354
- Jagielski, T. *see* Braczkowska, M. 1-5343
- Jagielski, T. *see* Dmowski, W. 1-25174
- Jagla, M., Isard, J.O. Transport number for lithium ions in $\text{LiF-Li}_2\text{O-Al}(\text{PO}_3)_3$ glasses 1-20449
- Jagner, D. *see* Graneli, A. 1-48755
- Jagner, S., Ljungstrom, E., Tullberg, A. The structure of sodium pentacyanosulphate(II) $10^3\text{H}_2\text{O}$ 1-20132
- Jagodziniski, P.W., Irwin, R.M., Cooke, J.M., Laane, J. Ring-puckering combination band spectra of an isotopic impurity: 1,3-disilacyclobutane-1, 1, 3-d₃ 1-37199
- Jagodziniski, P.W. *see* Richardson, L.W. 1-28949
- Jagoszewski, E. Generalized treatment of Fourier transforming by lenses 1-19277
- Jague, A. *see* Seung-Am Cho 1-7895
- Jaguin, J.P. *see* Zaganianis, A. 1-43528
- Jahanmir, S. The mechanics of subsurface damage in solid particle erosion 1-11810
- Jahanshahi, M.H. Voyager high gain antenna pointing calibration 1-44408
- Jahn, L. *see* Richter, J. 1-50175
- Jahne, E., Ulrici, B. Compositional dependences of critical point phonons in mixed zincblende crystals 1-2577
- Jahnke, U., Kachholz, S., Rossner, H.H. Fusion excitation functions from neutron yield measurements inside the cyclotron 1-50701
- Jahnke, U. *see* von Oertzen, W. 1-23702
- Jahns, J. Concepts of optical digital computing—a survey 1-15083
- Jahns, M.F. The influence of penetrating radiation on collimator performance 1-43962
- Jahr, R., Brede, H.J. Uncertainty of kerma factors in neutron dosimetry at $E_n = 14.5$ MeV 1-6057
- Jahr, R. *see* Guldback, S. 1-41253
- Jai Young Lee *see* Kwon, S.C. 1-34522
- Jaini, G.V. On some boundary value problems for prismatic cusped shells 1-6771
- Jalbi, M.R. Evolution of a priority queue 1-50047
- JaiKrishnan, K.R. *see* Berringer, R.T. 1-29811
- Jain, A.C. *see* Prabha, S. 1-6841
- Jain, A.K., Tewari, R.K., Mishra, R.K. Non-equilibrium thermodynamics of electroosmosis of liquid mixtures studies on aqueous n-propanol 1-35574
- Jain, A.K., Upreti, G.C. Observation and study of new types of phase transitions in $\text{Co}(\text{ClO}_4)_2 \cdot 6\text{H}_2\text{O}$ and $\text{Ni}(\text{ClO}_4)_2 \cdot 6\text{H}_2\text{O}$ by EPR 1-2617
- Jain, A.K., Upreti, G.C. EPR study of expulsion of Mn^{2+} from NaNO_2 crystal lattice 1-11914
- Jain, A.K., Verma, M.P. Lattice sums on noncentrosymmetric cubic ionic crystals 1-30133
- Jain, A.R. *see* Deshpande, M.R. 1-54309
- Jain, B.K. *see* Saini, S. 1-45433
- Jain, B.K. *see* Sen, K. 1-48844
- Jain, D.C., Sharma, B.K., Garg, K.B. X-ray absorption study of vermiculite mica 1-31230
- Jain, D.C. *see* Garg, K.B. 1-26303
- Jain, D.K., Garg, J.C. Field-dependent electrical conductivity of indium oxide films 1-20883
- Jain, D.L. *see* Goel, G.C. 1-46606
- Jain, G.C., Das, B.K., Avtar, R. A study of the oxidation kinetics of CuFeO_2 in the Cu-Fe-O system 1-39486
- Jain, G.C., Das, B.K., Kumari, S. Effect of doping a Mn-Zn ferrite with GeO_2 and SnO_2 1-30980
- Jain, G.C., Prasad, A., Bindal, A. Light scattering centres in lithium niobate crystals 1-31120
- Jain, H.C., Sharma, S.R. Ion acoustic turbulent resistivity of a two-ion plasma 1-46857
- Jain, H.C. *see* Datar, V.M. 1-5743
- Jain, J.K. *see* Kapur, A.K. 1-47036
- Jain, K. *see* Mehendru, P.C. 1-3328, 1-8566
- Jain, K.M., Ghosh, A., Misra, T.N. Gas adsorption effect on the semiconductive properties of nitro-benzoic acids 1-12109
- Jain, L.C. Computer algorithm for the built-in voltage of the linearly graded junctions 1-16341
- Jain, L.C., Murty, T.S. Compression of sodium chloride single crystals along [001] direction 1-30293
- Jain, M. *see* Tzoar, N. 1-46468
- Jain, M.K., Jain, R.K., Anantha Krishniah, U. Hybrid numerical methods for periodic initial value problems involving second-order differential equations 1-54351
- Jain, M.L. *see* Bratis, J.C. 1-53533
- Jain, M.P., Nagaratnam, A. Assessment with TLD of radiation exposure to staff during radium insertions in cancer of cervix 1-53905
- Jain, P.C. *see* Iskandar, L. 1-51812
- Jain, P.K., Nourmohammadi, K., Roy, R.P. A study of forced convective subcooled boiling in heated annular channels 1-14577
- Jain, P.L., Das, G., Cheng, B.T., Thomas, G.P. Direct electron-pair production by 200-GeV pions 1-45374
- Jain, R. Peripheral processes in machine perception of motion 1-53783
- Jain, R.K. Formation energy of the single neutral vacancy and of the vacancy-interstitial pair in silicon 1-47079
- Jain, R.K. *see* Chryanthopoulos, G.S. 1-8823
- Jain, R.K. *see* Jain, M.K. 1-54351
- Jain, R.K. *see* Maldarelli, C. 1-30528
- Jain, S. *see* Kar, S. 1-43787
- Jain, S.C. Theory of photo induced open circuit voltage decay in a solar cell 1-35657
- Jain, S.C., Kachhava, C.M. A new formula for the isotope effect in strong coupling superconductors 1-3089
- Jain, S.C., Kachhava, C.M. Electron-phonon interaction and superconductivity in metals 1-16402
- Jain, S.C., Kachhava, C.M. Linearization of the T_c equation 1-20896
- Jain, S.C., Mehta, G.D. Laboratory demonstration of self-creation, self-maintenance and self-correction of saturated solar ponds 1-53676
- Jain, S.C., Zwick, H.H., McColl, W.D., Bukata, R.P., Jerome, J.H. Combined coastal zone color scanner (CZCS), aircraft, and in-situ water quality remote sensing experiment in Lake Ontario 1-22373
- Jain, S.C. *see* Agarwala, A. 1-8725
- Jain, S.C. *see* Muralidharan, R. 1-2369
- Jain, S.C. *see* Tripathi, S.K. 1-52285
- Jain, S.K. Vertical cosmic ray muon flux and charge ratio in the momentum region (0.3 GeV/c-2 GeV/c) 1-32586
- Jain, S.K., Ram Prakash, Singh, B. Effect of equatorial anomaly on whistler wave propagation at low latitudes 1-17722
- Jain, S.K., Tamamushi, R. Solution properties of mixed hydrated melts: mixtures of calcium/cadmium nitrate tetrahydrate with nickel nitrate hexahydrate 1-20438
- Jain, S.K. *see* Shankar, R. 1-2028
- Jain, S. *see* Kumar *see* Kumar Jain, S.
- Jain, S.L. *see* Majumdar, A.K. 1-44309
- Jain, V.C., Shankar, J. Volume dependence of the shell model parameters in alkali halides 1-47201
- Jain, V.C. *see* Shankar, J. 1-2554
- Jain, V.K. Electron paramagnetic resonance of Mn^{2+} in $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ single crystals 1-26018
- Jain, V.K. EPR of Cr^{3+} in $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ single crystals 1-38970
- Jain, V.K. High temperature peaks in LiF TLD: Dependence on LET 1-50956
- Jain, V.K., Christiansen, P.J. Excitation of multiple cyclotron harmonic waves in a thin beam-plasma system 1-51960
- Jain, V.K., Kulshreshtha, A.P. Indium-tin-oxide transparent conducting coatings on silicon solar cells and their 'figure of merit' 1-48843
- Jain, V.K. *see* Shankar, J. 1-30128
- Jain, V.K. *see* Kumar *see* Akhlesh Kumar Jain
- Jain Chang Kaung *see* Kaung Jain Chang
- Jaiswal, A.K. *see* Chandra, S. 1-15796
- Jakab, P. Theoretical study on the thickness distribution of thin films in case of rotating, inclinable object holder of calotte type 1-48262
- Jakate, S.M., Sterken, C. Importance of studying β Cephei stars in open clusters and associations 1-27541
- Jakate, S.M. *see* Percy, J.R. 1-40484
- Jakeman, E., Pusey, P.N. Photon-counting statistics of optical scintillation 1-51377
- Jakes, D. *see* Strnad, M. 1-27977
- Jakes, J. *see* Doskocilova, D. 1-26774
- Jakesova, M. *see* Gridnev, V.N. 1-48483
- Jakim, J., Gardavsky, J. Measurement of the velocity of air flow among fan blades by means of a laboratory laser anemometry 1-46828
- Jakimavicius, J. *see* Purlys, R. 1-11834
- Jakimavicius, J.A., Sirvaitis, A.J. Variation of characteristics of nonequilibrium conduction in CdS single crystals and monolayers exposed to X-rays 1-42822
- Jakimavicius, J.A. *see* Skalauskas, K.J. 1-16357
- Jakimiec, J. *see* Sylwester, B. 1-49598
- Jakkula, P., Ylänen, P., Tiuri, M. Measurement of ice and frost thickness with an FM-CW radar 1-27315
- Jakli, G., Illy, H. Vapour pressure isotope effect of the equimolar $\text{H}_2\text{O-D}_2\text{O}$ mixture 1-11875
- Jakli, G., Jancso, G. On the ideal behaviour of the equimolar $\text{H}_2\text{O-D}_2\text{O}$ mixture 1-11876
- Jakob, J.A. *see* Eckardt, J. 1-5330
- Jakobsen, H.J. *see* Wray, V. 1-14936
- Jakobsen, J. Measurement of impulsive noise with a data logging system 1-29450
- Jakobsen, P. *see* Kimble, R. 1-36176
- Jakobsen, P. *see* Paresce, F. 1-13887
- Jakobsen, R.J. *see* Gendreau, R.M. 1-26866
- Jakoby, I. Tolnai *see* Tolnai Jakoby, I.
- Jakowski, N., Bettac, H.D., Lazo, B., Lois, L. Seasonal variations of the columnar electron content of the ionosphere observed in Havana from July 1974 to April 1975 1-40261
- Jakubassa-Amundsen, D.H., Amundsen, P.A. On the semiclassical impulse approximation for electron capture in asymmetric ion-atom collisions 1-10837
- Jakubassa-Amundsen, D.H., Amundsen, P.A. Charge transfer in heavy-ion collisions at relativistic velocities 1-19181
- Jakubov, T.S., Kabanova, O.N., Serpinsky, V.V. Temperature dependence of adsorption 1-38647
- Jakubowski, B. *see* Savatinova, I. 1-8068
- Jakubowski, A. *see* Duszak, M. 1-36651
- Jakubowski, A. *see* Majkusiak, B. 1-3069
- Jakubowski, B. *see* Miniewicz, A. 1-31092
- Jakubowski, J. *see* Krawczyk, S. 1-39771
- Jakubowski, J.J., Subramanian, R.V. Electrochemical coating for prevention of carbon fibre release from polymer composites. Thermogravimetric analysis of organophosphorus coatings on carbon fibres 1-8447
- Jakushenkov, J., Solomatin, V. Phase optoelectronic transducers in angular and linear measurements 1-23211
- Jal, J.F., Dupuy, J., Chaussemy, G., Kaddoun, A., Fornazero, J. Analysis of the viscosity of molten K-KCl mixture in the metallic range in connection with structure 1-25485
- Jal, J.F., Dupuy, J., Chieux, P. On the perturbation of the atomic structure of liquid potassium by the addition of KCl 1-30038
- Jaleel, A. *see* Aziz, A. 1-6745
- Jalilian, M.R. *see* Durig, J.R. 1-45939
- Jaliniar, J.M., Salsmann, J.L., Baudet, B. Strain hardening and damage 1-43369
- Jaliniar, J.M., Schmitt, J.H., Argemi, R., Salsmann, J.L., Baudet, B. Different damage behaviors and their influence on forming process 1-3771
- Jaliniar, J.M. *see* Dufrailly, J. 1-35314
- Jaliniar, J.M. *see* Schmitt, J.H. 1-39372
- Jaliniar, J.M. *see* Souza Nobrega, M.C. 1-3770
- Jalochowski, M., Mojeiko, K., Paprocki, K., Subotowicz, M. Recrystallization processes in SnTe thin films implanted with the noble gases in (Kr, Xe) 1-7194
- Jalonen, L. *see* Nygren, T. 1-49444
- Jalufka, N.W. *see* Hohl, F. 1-19362
- Jamal, T., Nimmagadda, R., Bunshah, R.F. Friction and adhesive wear of titanium carbide and titanium nitride overlay coatings 1-31682
- Jamali, U.F. *see* Ibrahim, I.B. 1-8658
- Jamar, C. *see* Borsenberger, J. 1-27510

- Jambon, A. Isotopic fractionation: a kinetic model for crystals growing from magmatic melts 1-27102
- Jamelot, G. *see* Jagle, P. 1-10979
- James, A. *see* Lewis, P.T. 1-19509
- James, A.E. Electrical double-layer interaction energy for two cylinders 1-39694
- James, B.S., McWhinnie, W.R. The action of quaternary pyridinium additive agents in the electrodeposition of zinc from alkaline electrolytes 1-21616
- James, D.H. The role of thermal spraying in surface treatment 1-21614
- James, D.R., Christopherou, L.G., Mathis, R.A. New unitary and multiphase gaseous dielectrics 1-7030
- James, D.R. *see* Ferrell, T.L. 1-11616
- James, F. Monte Carlo theory and practice 1-9934
- James, F. Interpretation of the shape of the likelihood function around its minimum 1-13998
- James, H.M. Some extensions of the flash method of measuring thermal diffusivity 1-6746
- James, J.M. *see* Capp, P.D. 1-5886
- James, L.A. Fatigue-crack growth behavior in fast-neutron-irradiated ferritic steels and weldments 1-12873
- James, L.T. *see* Mills, W.J. 1-48469
- James, L.T. *see* Bareket, N. 1-46493
- James, M.R., Buck, O. Quantitative nondestructive measurements of residual stresses 1-43622
- James, M.R. *see* Buck, O. 1-48591
- James, M.R. *see* Cohen, J.B. 1-27967
- James, M.R. *see* Morris, W.L. 1-53269
- James, M.R. *see* Pardee, W.J. 1-43346
- James, P.F. *see* Gonzalez-Oliver, C.J.R. 1-15805
- James, P.F. *see* Puyane, R. 1-21412
- James, P.L. *see* Birch, J.R. 1-37186
- James, P.L. *see* Yarwood, J. 1-33040
- James, R. *see* Allis, R.G. 1-8666
- James, R. *see* Catlow, C.R.A. 1-47097
- James, R.W., Roberts, P.H., Winch, D.E. The Cowling anti-dynamo theorem 1-4761
- James, T.L. Nuclear motions in proteins examined by ^{13}C NMR rotating frame spin-lattice relaxation: chymotrypsinogen 1-4243
- James, W.D., Paris, S.W., Malcolm, G.N. Study of viscous crossflow effects on circular cylinders at high Reynolds numbers 1-46728
- James, W.J., Johnson, P.E. Neutron diffraction study of $\text{Th}_3(\text{Co},\text{Fe})_2$ 1-25890
- James, W.J. *see* Hardman, K. 1-11723, 1-25889
- Jamison, A.K. *see* Jameson, C.J. 1-28889, 1-37132, 1-41328, 1-45869, 1-45989
- Jamison, A.R., Heymsfield, A.J. Hail growth mechanisms in a Colorado storm. I. Dual-wavelength radar observations 1-49338
- Jamison, A.R. *see* Heymsfield, A.J. 1-49339
- Jamison, C.J., Buckingham, A.D. Molecular electronic property density functions: the nuclear magnetic shielding density 1-33404
- Jamison, C.J., Jameson, A.K., Burrell, P.M. ^{19}F nuclear magnetic shielding scale from gas phase studies 1-28889
- Jamison, C.J., Jameson, A.K., Cohen, S.M., Oppungu, P.D., Burrell, P.M., Wille, S. Temperature dependence of the ^{15}N and ^{13}C nuclear magnetic shielding in NH_3 1-41328
- Jamison, C.J., Jameson, A.K., Oppungu, D., Wille, S., Burrell, P.M., Mason, J. ^{15}N nuclear magnetic shielding scale from gas phase studies 1-37132
- Jamison, C.J., Jameson, A.K., Wille, S. Variation of chemical shielding with intermolecular interactions and rovibrational motion. VI. ^{19}F in SF_4 and COF_2 1-45869
- Jamison, C.J., Jameson, A.K., Wille, S., Burrell, P.M. Variation of chemical shielding with intermolecular interaction and rovibrational motion. V. ^{15}N in N_2 1-45989
- Jamet, F. Crystal lattice deformation of sodium chloride subjected to a shock wave 1-38459
- Jamet, J.P. Electric field phase diagram of thiourea determined by optical birefringence 1-48015
- Jamieson, A.M., Reihanian, H., Southwick, J.G., Yu, T.L., Blackwell, J. Molecular hydrodynamic transition phenomena in entangled polymer solutions studied by quasielastic light scattering 1-38245
- Jamieson, A.M. *see* McDonnell, M.E. 1-34496
- Jamieson, A.M. *see* Yu, T.L. 1-46181
- Jamieson, J. *see* Armstrong, D.R. 1-46185
- Jamieson, J.A. The utility of available low quantum efficiency detector arrays for tactical imaging 1-24523
- Jamieson, J.C. *see* Manghani, M.H. 1-27305
- Jamieson, J.C. *see* Ming, L.C. 1-32434
- Jamieson, J.C. *see* Vassiliou, J.K. 1-23255
- Jamieson, M.J., Aldeen, I.H.K. A program to calculate the eigenfunctions of the random phase approximation for two electron systems 1-6137
- Jamieson, M.J., Watts, R.S. Transitions between excited states of two-electron systems in time-dependent Hartree-Fock theory 1-28847
- Jamieson, T.H. Refracting afocal systems in thermal imagers 1-33788
- Jammet, J.F., Barton, D.M. Critical UF_6 cavity reactor experiments 1-23742
- Jammet, J.F. *see* Barton, D.M. 1-23769
- Jaminon, M., Mahaux, C., Rochus, P. Optical model potential in a relativistic quantum field model 1-14486
- Jamison, W.E. Friction and wear reduction with tribological coatings 1-31680
- Jamroz, W. The third-order electric susceptibilities of NaCl and KCl monocrystals 1-11037
- Jamshidi, K. *see* Kiyotsuki, T. 1-31415
- Jan, G.-J. *see* Tsu, R. 1-53006
- Jan, J.-P. *see* Boulet, R.M. 1-7512
- Jan, J.S. *see* Behringer, R.P. 1-33959
- Jan Kung-Ming *see* Kung-Ming
- Jana, R.N. *see* Seth, G.S. 1-2086
- Jancek, J. Optical orientation of A^3B^2 compounds plates exhibiting a sphalerite structure 1-11714
- Jancek, J. *see* Moravec, F. 1-53111
- Janche, W. *see* Guex, L. 1-24725
- Janata, F. *see* Drews, G. 1-10229
- Janawadkar, M.P. *see* Umarji, A.M. 1-42884
- Janberg, K. *see* Dierkes, P. 1-14648
- Janca, J., Malcik, P., Petrovsky, J. Textile polymers treatment by RF and silent discharge plasma 1-3949
- Janca, J., Talsky, A. Temperatures and charge densities in nitrogen afterglow 1-15597
- Jancewicz, B. Electromagnetism using bivectors 1-40661
- Jancovici, B. Nuclear fusion in dense stellar matter 1-32698
- Jancovici, B. Exact results for the two-dimensional one-component plasma 1-44834
- Jancovici, B. *see* Alastuey, A. 1-32899
- Janco, G. *see* Jakli, G. 1-11876
- Janda, K.C. *see* Casassa, M.P. 1-46045
- Janda, M., Stefan, O., Kubovy, A., Stulik, D. The composition of Cu/Al thin films deposited by isothermal evaporation 1-31357
- Janda, R., Heller, G. IR and Raman spectra of isotopically labelled tetra- and pentaborates 1-14898
- Jandeska, W.F., Jr. *see* Morral, J.E. 1-15904
- Jandl, S., Banville, M., Deslandes, J. Infrared spectra of InSe 1-52928
- Jandl, S., Banville, M., Harbec, J.-Y. Infrared spectra and the one-dimensional character of ZrS_2 1-39092
- Jandl, S. *see* Carlone, C. 1-43121
- Janecke, J., Becchetti, F.D., Overway, D., Cossairt, J.D., Spross, R.L. Selective excitations in actinide nuclei via alpha pickup 1-36924
- Janencko, V.M. *see* Glushkov, V.M. 1-53744
- Janes, A.F. *see* Cooper, R.D. 1-28818
- Janes, D. *see* Adler, R. 1-47713
- Janev, R.K., Presnyakov, L.P. Single-electron excitation and ionisation processes in atom-multicharged-ion collisions 1-10814
- Janev, R.K. *see* Grozdanov, T.P. 1-1346
- Janev, R.K. *see* Komarov, I.V. 1-6202
- Janezic, D. *see* Borstnik, B. 1-34545
- Jang, M.-S., Nakamura, T., Takashige, M., Kojima, S. A note on the transition mechanism in 2,2,6,6-tetramethyl piperidino oxy 1-52282
- Jang, S.J. *see* Schulze, W.A. 1-23202
- Jang Min-Su *see* Min-Su Jang
- Jang Park Mann *see* Mann Jang Park
- Jang Pong Soo *see* Pong Soo Jang
- Janich, H. Two-family house with heat pump in simultaneous dual-source operation 1-43791
- Janicke, L. Resistive tearing mode in weakly two-dimensional neutral sheets 1-6966
- Janik, J.A. Neutron scattering by molecular solids 1-25124
- Janik, R. Characteristics of large scintillation detectors 1-51030
- Janik, R. Large aperture Cerenkov counter 1-51031
- Janik, R., Moucka, L., Peshekhonov, V.D., Sitar, B. Low-pressure drift chamber with a built-in scintillator 1-23960
- Janin, G. *see* Bond, V.R. 1-40328
- Janini, G.M., Sato, R.L., Muschik, G.M. High-temperature nematic liquid crystal for gas-liquid chromatography 1-53494
- Janis, A.I. *see* Brooker, J.R. 1-144
- Janiskowsky, W. *see* McComb, T.R. 1-9205
- Janitsch, A., Komarek, K.L., Mikler, J. Heat capacities of liquid Au-Sn alloys 1-7346
- Jankauskas, K.I. *see* Kamuntavicius, G.-P.P. 1-14452
- Jankauskas, K.J. *see* Kamuntavicius, G.-P.P. 1-18569
- Jankauskas, K.J. *see* Petrauskas, A.K. 1-18562
- Janovic, R. My new types of flat plate solar collectors 1-17251
- Jankowski, A., Kowalik, Z. Diagnostic model of wind and density driven currents in the Baltic Sea 1-17617
- Jankowski, B. *see* Perkowski, J. 1-53437
- Jankowski, D.F. *see* Takeuchi, D.I. 1-46724
- Jankowski, E. *see* Behrendt, J.C. 1-35960
- Jankowski, J., Juchniewicz, R. A four-point method for corrosion rate determination 1-43548
- Jankowski, J. *see* Bek, J. 1-27934
- Jankowski, K., Malinowski, P., Polasik, M. Transferability of the partial-wave increments to the second-order pair correlation energies for atoms 1-6147
- Jankowski, K., Paldus, J. Applicability of coupled-pair theories to quasi-degenerate electronic states: a model study 1-24013
- Janner, A. Z-module crystallography 1-7113
- Janner, A., Janssen, T. Crystal definition and crystal symmetry revised 1-7115
- Janner, A., Rasing, Th., Bennema, P., van der Linden, W.H. Identification of satellite faces on single crystals of the incommensurate structures Rb_2ZnBr_4 and Rb_2ZnCl_4 1-30187
- Janney, D.H. *see* Barnes, J.F. 1-6797
- Janni, J.F. A comprehensive set of adjusted ionization potentials 1-18912
- Jannot, B., Godefroy, G. Raman study of the ferroelectric phase transition in the $\text{Ba}_2\text{Sr}_{1-x}\text{TiO}_5$ single crystals 1-21184
- Jansson, J. Prism coupling selectivity in anisotropic uniaxial waveguide 1-41881
- Jansson, T. Shannon number of an image and structural information capacity in volume holography 1-1094
- Jansson, T. Radiance transfer function 1-41572
- Jansson, T., Sochacki, J. Primary aberrations of thin planar space lenses 1-1724
- Jannusis, A., Brodimas, G., Sourlas, D., Zisis, V. Remarks on the q-quantization 1-36527
- Jannusis, A., Brodimas, G.N., Leodaris, A.D., Papatheou, V., Zisis, V. Quantum friction and the Caldirola-Montaldi procedure 1-49971
- Jannusis, A., Filipakis, P., Filipakis, T. Quantum friction in phase space 1-102
- Jannusis, A., Leodaris, A., Fillipakis, P., Fillipakis, T. Quantum dissipative system and the Caldirola-Montaldi equation 1-23040
- Jannusis, A., Leodaris, A., Papatheou, V., Zisis, V. Some remarks on the discrete-time Schrödinger equation 1-9870
- Jannusis, A. *see* Sourlas, D. 1-5531
- Jannusis, A.D., Fillipakis, P., Papaloucas, L.C. Commutation relations and coherent states 1-23041
- Jannusis, A.D., Papaloucas, L.C., Siafarikas, P.D. Eigenfunctions and eigenvalues of the q-differential operators 1-27808
- Jannusis, A.D., Patargias, N., Papaloucas, L.C. Connection between generalized Glauber operators and two-photon coherent states of the radiation field 1-468
- Janocko, M.A. *see* Gavalier, J.R. 1-52725
- Janocko, M.A. *see* Singh, S.K. 1-48927, 1-48929
- Janos, A. *see* Yamada, M. 1-46916
- Janossy, A. Transmission electron spin resonance determination of the Fermi liquid exchange parameter of copper 1-12625
- Janossy, A. *see* Kamaras, K. 1-3421, 1-31147
- Janossy, I. Diffuso-mechanical coupling in cholesteric liquid crystals 1-38262
- Janossy, L., Van Der Merwe, A.J., Yourgrau, W. On the mode of propagation of light 1-4758
- Janosy, J.S. *see* Zabor, E. 1-28672
- Janot, C. *see* Marchal, G. 1-25984
- Janot, C. *see* Nikolov, S. 1-25985
- Janot, C. *see* Picuch, M. 1-26096
- Janot, Chr. *see* Marchal, G. 1-30698
- Janowski, A., Rzeszutarska, J. Anomalous (S_2-S_2) luminescence of some derivatives of triphenylmethane dyes and their complexes with rare earth metals 1-24187
- Jans, E., Barreau, P., Bernheim, M., Finn, J.M., Morgenstern, J., Mougey, J., Tarnowski, D., Turck-Cieze, S., Brussel, M., Capitani, G.P., de Sanctis, E., Garibaldi, F., Frullani, S., Sick, I. The quasi-free (e, e') reaction on ^3He 1-28470
- Jans, E. *see* Barreau, P. 1-28471
- Jans, E. *see* Bernheim, M. 1-45495
- Jans, K. *see* Knight, J.L., Jr. 1-13339
- Jansen, A.G.M., van Gelder, A.P., Wyder, P. Point-contact spectroscopy in metals 1-20858
- Jansen, A.G.M., van Gelder, A.P., Wyder, P., Strassler, S. Application of point-contact spectroscopy in metals to the Kondo problem 1-34774
- Jansen, A.G.M. *see* van Gelder, A.P. 1-3048
- Jansen, B.H., Bourne, J.R., Ward, J.W. Feature extraction methods for synthetic EEG analysis 1-32288
- Jansen, E., Orbaek, H. Reproducibility of gait measurement using the Lamoreux goniometer 1-53921
- Jansen, E., Will, G. High-pressure apparatus for neutron diffraction investigations at low temperatures 1-20033
- Jansen, E. *see* Will, G. 1-2290
- Jansen, H.-J. *see* Haase, R. 1-7364
- Jansen, J., Stratton, T.F. A star is born at Los Alamos [Antares CO, laser] 1-33707
- Jansen, J. *see* Albanese, J.P. 1-23682
- Jansen, J.F.W. *see* Du Marchie Van Voorthuysen, E.H. 1-50483
- Jansen, K. *see* Lukasiewicz, R. 1-11019
- Jansen, M. On the silver partial structures in silver rich oxides 1-34317
- Jansen, M. *see* Schober, T. 1-48634
- Jansen, P. Electrostatic recording with overlapping traces 1-36645
- Jansen, P. *see* Abdel-Khalik, S.I. 1-5989
- Jansen, S.W. *see* Kostroun, V.O. 1-909

- Jansholt, A.-L., Krohn, K.A., Vera, D.R., Hines, H.H. Design and validation of a radiochromatogram scanner with analog and digital output 1-49112
- Jansson, M., Josefsson, A. Method for reproducible LPE growth of GaInAsP 1-21368
- Janssen, A.G.M., Van Den Bosch, R.L.P., De Goeij, J.J.M., Theelen, H.M.J. The reactions $^{75}\text{Se}(p,n)$ and $^{76}\text{Se}(p,2n)$ as production routes for ^{75}Br 1-4366
- Janssen, A.J. see Nederkoorn, J.J.B.M. 1-39722
- Janssen, E. Some applications of SIMS and other surface sensitive techniques for the chemical characterization of industrial steel surfaces 1-31953
- Janssen, G.C.A.M., Jayakumar, R., Granneman, E.H.A. The influence of static fields on the dynamic Stark spectra of hydrogen Balmer lines 1-41344
- Janssen, G.C.A.M. see de Haan, P.H. 1-37038
- Janssen, H.K. see Breuer, N. 1-32940
- Janssen, J., Follon, M., Delaye, L. The fatigue properties of superalastic Cu-Zn-Al alloys 1-31644
- Janssen, J. see Wismans, J. 1-17427
- Janssen, J.E. see Woods, J.E. 1-31997
- Janssen, L.J.J. see Sillen, C.W.M.P. 1-43677
- Janssen, P.A.E.M. Modulational instability and the Fermi-Pasta-Ulam recurrence 1-36532
- Janssen, P.A.E.M., Rasmussen, J.J. Limit cycle behavior of the bump-on-tail instability 1-51941
- Janssen, T. see Janner, A. 1-7115
- Janssens, A.C.A. Modified energy-deposition model, for the computation of the stopping-power ratio for small cavity sizes 1-52194
- Janssens, R.V.F. see van Driel, J. 1-33271
- Jansson, B. see Melander, A. 1-21459
- Jansson, J.-F. see Gedde, U.W. 1-43449, 1-48442
- Jansson, L., Kumar, V., Ledebø, L.-A., Nideborn, K. A sensitive and inexpensive signal analyser for deep level studies 1-50168
- Janszen, H. see Van Der Plicht, J. 1-10395
- Jantsch, W. Anomalies of the refractive index and the optical energy gap of ferroelectric $\text{Pb}_{1-x}\text{Ge}_x\text{Te}$ 1-26163
- Jantsch, W. see Brucker, H. 1-48092
- Jantz, W., Argyle, B.E., Slonczewski, J.C. Spectrum and lineshape of bubble-lattice resonance 1-7951
- Jantz, W. see Wetling, W. 1-3228
- Jantzen, C.M., Krepski, R.P., Herman, H. Ultra-rapid quenching of laser-melted binary and unary oxides 1-26510
- Jantzen, R.T. Soliton solutions of the Einstein equations generated from cosmological solutions with additional symmetry 1-27836
- Janus, B. see Suski, W. 1-20669
- Janus, R.T. see Cahill, R.T. 1-14249
- Janusaitis, P.P. see Malkevicius, S.K. 1-19481
- Janve, A.V. see Deshpande, M.R. 1-54309
- Janz, G.J. Molten salts data as reference standards for density, surface tension, viscosity and electrical conductance: KNO_3 and NaCl 1-50103
- Janz, G.J., Murphy, R.M., Spiak, W.A. Wetting properties of the sulphur electrolyte in sodium-sulphur batteries 1-35644
- Janz, G.J., Tomkins, R.P.T. Molten salts: volume 5. I. Additional single and multi-component salt systems. Electrical conductance, density, viscosity, and surface tension data 1-50104
- Janz, R.D., Vanccek, D.J., Field, R.J. Composite double oscillation in a modified version of the Oregonator model of the Belousov-Zhabotinsky reaction 1-8530
- Janzen, E. see Grimmeiss, H.G. 1-7554, 1-7559, 1-42714, 1-47545
- Janzen, E. see Rees, G.J. 1-20760
- Janzen, J. Extinction of light by highly nonspherical strongly absorbing colloidal particles. Spectrophotometric determination of volume distributions for carbon blacks 1-6460
- Jaoen, M., Declemy, A., Rachman, A., Laplanche, G. On the two-photon ionisation of atomic caesium via quadrupole $6D_{3/2}$ - $6D_{5/2}$ resonances: fine-structure effects and electron spin polarisation 1-24088
- Jaques, F. see Aguilar, M. 1-2507
- Jaques, F. see Cusso, F. 1-11785
- Jaques, F. see Gonzalo, C. 1-26276
- Jaques, F. see Lopez, F.J. 1-39164
- Jaques, F. see Ortega, A. 1-31209
- Jaquet, J.C., Warlimont, H. The yield stress, flow stress and work hardening of an aluminium alloy with microduplex structure 1-31575
- Jaquet, J.-C., Warlimont, H. Room temperature properties of an aluminium alloy with a microduplex structure. I. Preparation and microstructure 1-39354
- Jaquet, J.-C., Warlimont, H. Room temperature properties of an aluminium alloy with a microduplex structure. II. Tensile properties and their dependence of grain size 1-48449
- Jaquet, R. see Staemmler, V. 1-45874
- Jaquith, R.E. see Kling, C.L. 1-14659
- Jara, E. see Ojeda-Castaneda, J. 1-41594
- Jaraiz, M., Pardo, D., Vicente, J., Bailon, L. An extension of Shockley's equation for the p-n junction under dynamic conditions 1-16340
- Jaramillo, L.F. see Nestrick, T.J. 1-39701
- Jarasunas, K. see Vaitkus, J. 1-11041
- Jarbo, G.J., Faught, P., Hildebrandt, B. The spectrographic analysis of plutonium oxide or mixed plutonium oxide/uranium oxide fuel pellets by the dried residue technique 1-5984
- Jarboe, T.R., Henins, I., Hoida, H.W., Linford, R.K., Marshall, J., Platts, D.A., Sherwood, A.R. Motion of a compact toroid inside a cylindrical flux conserver 1-6997
- Jarboe, T.R. see Sherwood, A.R. 1-34112
- Jardetzky, O. see Nanda, R.K. 1-1257
- Jardetzky, T.S. see Nanda, R.K. 1-1257
- Jardim, J. see Lisboa, C. 1-17418
- Jardin, S. see Yamada, M. 1-46916
- Jardin, S.C. see Park, W. 1-6959
- Jardino, M., Desaintfusi, M., Barillet, R., Viennot, J., Petit, P., Audoi, C. Frequency stability of a mercury ion frequency standard 1-44872
- Jares, V. Electron optics of concentric electromagnetic focusing systems 1-1479
- Jares, V. X-ray sensitive vidicon 1-18352
- Jares, V. An imaging system for use in nuclear physics 1-45767
- Jargocki, C., Bander, M. Field-theoretic version of a two-dimensional Coulomb gas with repulsive cores 1-32905
- Jaric, M.V. Comment on 'Electromagnetic effects near the superconductor-to-ferromagnet transition' 1-7769
- Jarisch, W., Detwiler, J.S. Statistical modeling of fetal heart rate variability 1-9049
- Jarilborg, T., Freeman, A.J. Magnetism and superconductivity in C15 compounds from self-consistent band calculations 1-12023
- Jarilborg, T., Freeman, A.J. Self-consistent semi-relativistic energy band structure of FCC and tetragonal Ni metal 1-34616
- Jarlskog, G. see Cockerill, D. 1-14742
- Jarmer, J.J. see McNaughton, M.W. 1-41051
- Jarmie, N. see Correll, F.D. 1-45513
- Jaroma-Weiland, G., Krajewski, T. Thermal conductivity of TGS crystals doped with Fe^{3+} ions 1-34525
- Jaroniec, M. Description of kinetics and equilibrium state of adsorption from multicomponent gas mixtures on solid surfaces 1-7474
- Jaroniec, M. see Czarnecki, J. 1-34586, 1-38668
- Jaroniec, M. see Dabrowski, A. 1-16147
- Jaroniec, M. see Garbacz, J.K. 1-38667
- Jaroniec, M. see Patrykiewicz, A. 1-42638
- Jaros, J.A. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Jaros, J.A. see Dorfan, J.M. 1-41020
- Jaros, J.A. see Himel, T.M. 1-18482
- Jaros, J.A. see Scharre, D.L. 1-18485, 1-45292
- Jaros, M. see Banks, P.W. 1-21257, 1-47542
- Jaros, M. see Brand, S. 1-52520
- Jaros, M. see Kirtom, M.J. 1-20655
- Jaros, M. see Lang, D.V. 1-20656
- Jaros, M. see Riddoch, F.A. 1-20761
- Jaroszewich, E. see Dodd, R.T. 1-9438
- Jaroslawski, S. Data reduction systems for HEP experiments 1-14779
- Jaroszewicz, T. Infra-red divergences and Regge behaviour in QCD 1-28268
- Jaroszyk, F., Pilawski, A. DSC study of nucleic acid DNA in the dry and hydrated states 1-50174
- Jaroszyk, F. see Czarnecki, J. 1-39462
- Jaroszynski, M. see Czerny, M. 1-17862
- Jarrard, R.D. see Turner, D.L. 1-27118
- Jarratt, J.D. The decomposition of crystal families 1-15825
- Jarratt, J.D., Schwarzenberger, R.L.E. Coloured plane groups 1-7112
- Jarrett, H.S., Sleight, A.W., Kung, H.H., Gillson, J.L. Photoelectrochemical properties of LuRhO_3 1-35547
- Jarrigeon, M., Chabert, B., Chatain, D., Lacabanne, C., Nemoz, G. Multiple transitions in isotactic polypropylene around and above the glass transition 1-7306
- Jarrod, M.F., Hirst, D.M. A crossed beam study of the reaction $\text{CO}^+ + \text{NO} \rightarrow (\text{NCO})^+ + \text{O}$ 1-43658
- Jarron, P. see Heijne, E.H.M. 1-28791
- Jarry, J.P., Monnerie, L. Fluorescence polarization measurements of orientation in labeled polyisoprene networks 1-38307
- Jarry, P., Guittard, P., Piaget, C. Improvement to the final wipe-off in LPE of GaAs/(Ga,Al)As double heterostructures 1-8245
- Jarvik, R.K. The total artificial heart 1-53932
- Jarvinen, P.O. Ceramic dome receiver technology developments 1-53679
- Jarvinen, P.O. see Hay, R.D. 1-53686
- Jarvis, D.E. see Brockman, H.L. 1-32967
- Jarvis, G. see McKenzie, D. 1-27130
- Jarvis, G.A. see Barton, D.M. 1-23769
- Jarvis, G.A. see Martin, E.R. 1-10461
- Jarvis, N.L. see Singer, I.L. 1-35396
- Jarvis, P.D. see Delbourgo, R. 1-40947
- Jarvis, P.D. see Dondi, P.H. 1-45151
- Jarvis, R.G., Joynes, R., Bretzlaff, C.I. Mathematical model of an automatic assembler to stack fuel pellets 1-45720
- Jarvis, S., Jr. see Risley, A. 1-5288, 1-18197
- Jarzewski, W. Preliminary research of thermal stresses in monocrystals 1-38435
- Jarzecki, J. see Makarewicz, R. 1-15320
- Jarzembki, W.B. Current density vector measurement apparatus under direct computer control 1-32337
- Jarzynski, J., Cole, J.H., Bucaro, J.A., Davis, C.M., Jr. Magnetic field sensitivity of an optical fiber with magnetostrictive jacket 1-18256
- Jaschek, C. see Gomez, A.E. 1-36298
- Jaschek, C. see Jaschek, M. 1-4919, 1-4920, 1-49628
- Jaschek, M., Hubert-Delplace, A.-M., Hubert, H., Jaschek, C. A classification of Be stars 1-4919
- Jaschek, M., Jaschek, C. Ground-based observations of some stars classified in the satellite ultraviolet with spectral particularities 1-4920
- Jaschek, M., Jaschek, C., Chmielewski, I. Observation of the spectra of stars in the same photometric boxes 1-49628
- Jaschek, M., Jaschek, C., Cucchiaro, A. On the UV classification of the Am stars 1-9524
- Jaschek, M. see Gomez, A.E. 1-36298
- Jaschinski, W., König, U., Wolf, W. Magnetic properties of amorphous FeSiB alloys 1-30984
- Jaschke, D. Non-destructive testing of surface cracks in semi-finished products 1-35471
- Jasenek, J. Solution of the motion equation of the magnetization vector in its eigen-coordinate system 1-51348
- Jasencic, J. see Piskarkas, A. 1-41785
- Jaschek, C. see Jaschek, M. 1-9524
- Jasieck, H., Bensch, F. Measurements of the fast neutron emission spectrum of californium-252 by means of proton-recoil spectrometers 1-41152
- Jasienski, Z., Piatkowski, A. Deformation heterogeneities in single crystals of copper and aluminium developing during tension 1-48412
- Jasienski, Z. see Wierzbowski, K. 1-48361
- Jasinskaitė, R.J. see Valiukenas, V.J. 1-42836
- Jasinski, J.M., Brauman, J.I. An infrared multiphoton dissociation study of radiative and collisional relaxation of vibrationally excited CF_3O^- ions 1-33549
- Jasiolek, G. see Storbeck, F. 1-20524
- Jaskola, M. see Augustyniak, W. 1-45425
- Jaskolska, H. see Rowinska, L. 1-31940
- Jaskulski, J. see Nawrocki, Z. 1-23273
- Jasnow, D. see Banavar, J.R. 1-16451
- Jasny, J., Sepiol, J. Nanosecond transient absorption spectrophotometer with dye laser probe 1-50236
- Jasny, J. see Marinero, E.E. 1-41729
- Jaspers, M., Schatke, W. Stochastic properties of a one-dimensional discrete Ginzburg-Landau field 1-40728
- Jaspers, M. see Beckers, J. 1-5526, 1-14265, 1-45167
- Jassby, D.L. see Grimesey, R.A. 1-6033
- Jassby, D.L. see Mirin, A.A. 1-34101
- Jassby, D.L. see Strachan, J.D. 1-45729
- Jasse, B. see Fourme, R. 1-41511
- Jasselette, P. On the relation between momentum and velocity for particles of zero rest mass 1-14008
- Jasselette, P. see Beckers, J. 1-5473
- Jaster, H., Miller, S. Steady state and seasonal efficiencies of air-to-air heat pumps with continuously speed-modulated compressors 1-35681
- Jastrzebski, J., Karwowski, H.J., Sadler, M., Singh, P.P. Recoil ranges of nuclei produced in the interaction of 80-164 MeV protons with Ni 1-10384
- Jastrzebski, J., Kossakowski, R., Lukasiak, J., Moszynski, M., Preibisz, Z., Andre, S., Genevey, J., Gizon, A., Gizon, J. Unambiguous identification and properties of high spin isomers in nuclei close to $N=82$ 1-23540
- Jaswal, S.S. see Galliard, D.W. 1-47145
- Jatteau, M. Trends in medical radionuclide imaging 1-53891
- Jauch, W., Dachs, H. Estimation of experiment time in neutron diffractometry of large structures. I. Anomalous scattering 1-46957
- Jaud, J., Journaux, Y., Galy, J., Kahn, O. Crystal structure and magnetic properties of a Cu (II)-Fe (III) heterobinuclear complex 1-47058
- Jaudon, P. see Flament, J.P. 1-51243
- Jauncey, D.L. see Morton, D.C. 1-9713
- Jauncey, D.L. see Walker, R.C. 1-54503
- Jaunhomme, L. see Monerie, M. 1-11135
- Jaupart, C., Sclater, J.G., Simmons, G. Heat flow studies: constraints on the distribution of uranium, thorium and potassium in the continental crust 1-54025
- Jaura, G. Development of a variable-inductance type instrument transducer 1-27949
- Jauregui, E.A., Estrada, M.R., Mayorga, L.S., Ciuffi, G.M., Ibanez, R.R., Santillan, M.B. Empirical atom-atom potential calculations on two antagonists in histamine H2-receptors: metiamide and cimetidine 1-53749
- Jauslin, H.R. see Loveluck, J.M. 1-7796

- Jaussaud, C., Morin, D., Schmitt, D. Quadrupolar interactions in TmCu 1-34857
- Javadpour, N. *see* Goldenberg, D.M. 1-4363
- Javaherian, H., Dowling, P.J., Lyons, L.P.R. Non-linear finite element analysis of shell structures using the semi-loop element 1-37810
- Javanainen, J. Light-pressure cooling of trapped ions in three dimensions 1-194
- Javanainen, J. Low intensity fluorescence from a trapped ion 1-6199
- Javanainen, J. Separation of the center-of-mass motion for an ion 1-33439
- Javanainen, J., Stenholm, S. Laser cooling of trapped particles. II. The fast particle limit 1-33429
- Javanainen, J., Stenholm, S. Laser cooling of trapped particles. III. The Lamb-Dicke limit 1-46267
- Javdani, K. *see* Vakiliotojari, M. 1-33999
- Javed Khan, M., Opydyk, N.D. The magnetic polarity stratigraphy and correlation of the upper Siwalik sediments from the Bhitiani Range, North West Frontier Province, Pakistan 1-49203
- Javeri, V., Loffler, H. Some comments of PAHR problems from the LMFBR accident analysis reviewing point of view 1-5861
- Javirishvili, A.K., Lomdatze, T.A., Mandjavidze, Z.Sh., Kharchilava, A.I., Shteraman, A.Y. A five meter long streamer chamber 1-23951
- Jaw Jim Hsieh Phase diagram for LPE growth of GaInAsP layers lattice matched to InP substrates 1-48278
- Jaw Jim Hsieh *see* Walpole, J.N. 1-46343
- Jawalekar, S.R. *see* Reddy, P.K. 1-16540
- Jaworowski, A. *see* Corbett, J.W. 1-13135
- Jaworski, A.R. Boundary elements for heat conduction in composite media 1-51687
- Jaworski, W. *see* Kwasnik, J. 1-39753
- Jay, J.P. The Museum of Meteorological Instruments 1-22533
- Jay, P.R., Wright, H.C. Photocopy analysis using a mercury probe 1-50167
- Jaya Sankar, C.K. *see* Lakshman, S.V.J. 1-34670
- Jayadev, T.S. *see* Benson, D.K. 1-48903
- Jayadev, T.S. *see* Bohn, M.S. 1-21893
- Jayadev, T.S. *see* Chum, H.L. 1-53636
- Jayadev, T.S. *see* Leboeuf, C.M. 1-53677
- Jayakumar, R. *see* Janssen, G.C.A.M. 1-41344
- Jayant Baliga, B. Boron autodoping during silicon liquid phase epitaxy 1-47101
- Jayaprakash, R., Ratnam, V.V. Defect centres in Mn-doped calcium fluorophosphate. A thermoluminescence study 1-8142
- Jayaprakash, R. *see* Ratnam, V.V. 1-26286
- Jayaram, G., Sastry, G.S. EPR of Mn²⁺ in cobalt fluosilicate hexahydrate 1-34927
- Jayarama Reddy, P. *see* Sharma, A.K. 1-7193, 1-20729
- Jayaraman, A., Maines, R.G., Bucher, E. Pressure temperature behavior of the electronic transitions in SmBi₂ 1-25778
- Jayaraman, A. *see* Andres, K. 1-25432
- Jayaraman, A. *see* Carlone, C. 1-21201
- Jayaraman, A. *see* Guntherodt, G. 1-48080
- Jayaraman, A. *see* Muller, H. 1-2619
- Jayaraman, A. *see* Pomeroy, G.J. 1-34701
- Jayaraman, G. *see* Radhakrishnan, S. 1-49032
- Jayaraman, J. *see* dos Santos, F.E.A. 1-44778
- Jayaraman, K., Yam, K. Decoupling approach to modeling perforated tube muffler components 1-46608
- Jayaraman, N. Comment on 'A comparison of enthalpy change ΔH between α - and β -transformations in Fe-Ni alloys' 1-53173
- Jayaraman, R. *see* Sethuraman, R. 1-54311
- Jayaraman, V. *see* Pal, A. 1-50133
- Jayasekera, P.N., Davies, C.N. Aspiration below wind velocity of aerosols with sharp edged nozzles facing the wind 1-46798
- Jayasooriya, U.A., Kearley, G.J., Kettle, S.F.A., Lauter, H.J. A comparison of inelastic neutron scattering and vibrational spectral data for phase V of ammonium nitrate 1-52954
- Jayasooriya, U.A. *see* Grinter, R. 1-41532
- Jayatilaka, G.M. *see* Dissanayake, C.B. 1-21945
- Jayet, Y., Perdrix, M., Goutte, R. Theoretical model and experimental study of the response given by piezoelectric transducer receiver 1-51676
- Jaynes, E.T. Quantum beats 1-14281
- Jazvickij, J.S. *see* Ananjev, V.D. 1-28690
- Je-Chin Han, Wen-Jei Yang Thermal instability in spherical liquid shells induced by surface tension 1-29689
- Je Li-Chung *see* Li-Chung Je
- Jean, M. Free surface of the steady flow of a Newtonian fluid in a finite channel 1-34011
- Jean, Y., Volatron, F. Ab initio study of the hydration complexes of HCO₃⁻ 1-28857
- Jean, Y.C., Ng, B.W., Walker, D.C. Chemical reactions between muonium and porphyrins 1-15038
- Jean Yan-Ching *see* Yan-Ching Jean
- Jean-Francois, C. *see* Drouin, G. 1-22165
- Jean-Louis, M. *see* Coulon, A. 1-39103
- Jeandel, D. *see* Cambon, C. 1-51742
- Jeanjean, J. *see* Bizot, J.C. 1-10243
- Jeanjean, M. *see* Bizot, J.C. 1-10243
- Jeanloz, R. Infrared spectra of olivine polymorphs: α , β phase and spinel 1-12499
- Jeanneret, J.-B., Bogdanski, M., Jeanneret, E. Double charge exchange and ion-pion production in $\pi^+ {}^4\text{He}$ collisions at 1.7 GeV/c 1-23683
- Jeanneret, E. *see* Jeanneret, J.-B. 1-23683
- Jeannin, P.F. *see* Thernia, P. 1-13466
- Jeannot, F. *see* Evard, O. 1-34324
- Jeanpierre, G. Physical protection of facilities and special nuclear materials in France 1-14591
- Jeavons, A., Kull, K., Lindberg, B., Lee, G., Townsend, D., Frey, P., Donath, A. A proportional chamber positron camera for medical imaging 1-14732
- Jecko, B., Papiernik, A. Diffraction on the transient regime by conducting or dielectric obstacles 1-1465
- Jedlicka, M. *see* Schauer, F. 1-20861
- Jedlinska, J. *see* Kalinowska, B. 1-23241
- Jedwab, J. Rare anthropogenic and natural particles suspended in deep ocean waters 1-4510
- Jedwab, J. *see* Dehairs, F. 1-4509
- Jefferies, D.J. *see* Challis, L.J. 1-15970
- Jefferis, R.P., III *see* Allen, T.L. 1-31965
- Jefferis, S. On the linearity of electronography 1-27389
- Jefferis, S., Weller, W.G. Intensifier silicon vidicon spectrophotometer for line profile studies in astronomy 1-49520
- Jefferson, D.A., Pugh, N.J., Alario-Franco, M., Mallinson, L.G., Millward, G.R., Thomas, J.M. The ultrastructure of pyroxenoid chain silicates. I. Variation of the chain configuration in rhodinite 1-15766
- Jefferson, D.A. *see* Wen Shu-lin 1-30249
- Jefferson, R.J. *see* Johns, B. 1-32458
- Jeffery, J.W. Relations between the phase angles of symmetry-related reflections 1-38200
- Jeffery, J.W. The real costs of nuclear power in the UK 1-53569
- Jeffery, R.D., Hullett, J.L. N-point processing of optical fibre backscatter signals 1-6493
- Jeffery, R.D. *see* Hullett, J.L. 1-46576
- Jefferys, W.H. On the method of least squares. II 1-40351
- Jefferys, W.H., Ries, L.M. Theories of resonant satellite pairs in Saturn's system 1-44490
- Jeffrey, A., Engelbrecht, J. Nonlinear dispersive waves in a relaxing medium 1-27795
- Jeffrey, D.J. *see* Acivros, A. 1-29686
- Jeffrey, F.R., Murphy, P.D., Gerstein, B.C. ²⁹Si NMR spectra for reactively sputtered amorphous silicon 1-52854
- Jeffrey, G.A., Rubie, J.R., McMullan, R.K., DeFrees, D.J., Binkley, J.S., Pople, J.A. Neutron diffraction at 23K and ab initio molecular-orbital studies of the molecular structure of acetamide 1-20174
- Jeffrey, G.A. *see* Ceccarelli, C. 1-30129
- Jeffrey, R.D. *see* Dossetor, R.S. 1-35878
- Jeffreys, H. *see* Gogna, M.L. 1-27076
- Jeffreys, J.A. *see* Avignone, F.T. 1-37072
- Jeffreys, K.W. A photometric study of the eclipsing binary RX Hercules 1-17872
- Jeffreys, P. *see* Botner, O. 1-37065
- Jeffreys, P.W. *see* Bourquin, M. 1-10276
- Jeffries, B.T. *see* Brewer, J.D. 1-26269
- Jeffries, D. *see* Decker, B.E.L. 1-29714
- Jeffries, G. *see* Edge, R.J. 1-53961
- Jeifs, E. Germany needs HTGR but anti-nuclear actions retard development 1-10511
- Jefimenko, O.D., Walker, D. Electrets 1-44741
- Jefimov, J.V. *see* Savitsky, E.M. 1-34821
- Jefimov, J.V. *see* Savitsky, E.M. 1-43382
- Jegou, J.-P., Chanin, M.-L., Megie, G., Blamont, J.E. Lidar measurements of atmospheric lithium 1-36091
- Jehn, H., Olzi, E. Zirconium depletion profiles in a niobium-5 at.% zirconium alloy after high-temperature vacuum annealing 1-8331
- Jeitschko, W., Ruhl, R., Krieger, U., Heiden, C. Preparation, properties, and structure refinement of the stacking variant 2-Mn-P, 1-31328
- Jeitschko, W. *see* Ruhl, R.J. 1-34309
- Jeitschko, W. *see* Ruhl, R. 1-34299
- Jekeli, C. Comparison of undulation difference accuracies using gravity anomalies and gravity disturbances 1-17545
- Jeker, R. *see* Pfleger, P. 1-39053
- Jelatis, D.G. *see* Donan, D.R. 1-50874
- Jelinek, J., Neufeld, P. Temperature effect on pitting corrosion of mild steel in de-aerated sodium bicarbonate-chloride solutions 1-16941
- Jelinek, J. *see* Malek, Z. 1-44926
- Jelinkova, H. Pulse lasers 1-46362
- Jelinkova, H. *see* Hamal, K. 1-15197
- Jelinski, L.W., Sullivan, C.E., Batchelder, L.S., Torchia, D.A. Deuterium nuclear magnetic resonance of specifically labeled native collagen. Investigation of protein molecular dynamics using the quadrupolar echo technique 1-8818
- Jelinski, L.W., Sullivan, C.E., Torchia, D.A. Effect of proton spin diffusion on the ¹³C-{¹H} NOE in hydrated macromolecules 1-24301
- Jelley, N.A. *see* Woods, C.L. 1-716
- Jellinek, F. *see* Folmer, J.C.W. 1-35143
- Jellinek, F. *see* Van Dyck, D. 1-42270
- Jellinek, J., Baer, M., Khare, V., Kouri, D.J. Integral cross sections for the reaction F+H₂ ($v_1=0$)-HF($v_2=0,1,2,3$)+H: a quantum-mechanical calculation within the infinite order sudden approximation 1-12972
- Jellison, G.E., Jr., Peterson, G.L., Taylor, P.C. Nuclear quadrupole resonance studies of amorphous, orthorhombic, and rhombohedral arsenic 1-21079
- Jelsovska, K. *see* Murin, J. 1-52849
- Jemaa, N. Ben *see* Ben Jemaa, N.
- J. Emery, *see* Emery, J.
- Jen Shih Chang, Maruyama, T., Hobson, R.M., Ichikawa, Y., Tei, S. The radial density distribution and electron temperature in a medium pressure neon positive column 1-38185
- Jen-Shih Chang *see* Evans, B. 1-37338
- Jen-Shih Chang *see* Godard, R. 1-11423
- Jen-Shih Chang *see* Hobson, R.M. 1-38129
- Jen-Shing Chang *see* Brunner, K. 1-19792
- Jena, A. von *see* von Jena, A.
- Jena, A.K. *see* Gokhale, A.M. 1-35473
- Jena, G. *see* Rath, R.S. 1-19708
- Jena, P. *see* Manninen, M. 1-12282
- Jena, P. *see* Ponnambalam, M.J. 1-47588
- Jena, P.K., Naik, P.C., Pradhan, T. Photon as the zero-mass limit of DKP field 1-5117
- Jena, S.N. *see* Barik, N. 1-10180, 1-18472, 1-18473
- Jenden, D.J. *see* Fairchild, M.D. 1-17377
- Jendrek, E.F. *see* Alexander, M.H. 1-10827
- Jendrucko, R.J. *see* Potvin, A.R. 1-32816
- Jendrzeczyk, J.A. *see* Chung, H. 1-41167
- Jenffer, P. *see* Fermigier, M. 1-15559
- Jengo, R. *see* Gava, E. 1-23419, 1-28273, 1-50339
- Jenik, L. *see* Abdrakmanov, E.O. 1-722
- Jenkins, G. *see* Heidemann, A. 1-33366
- Jenkins, C.E. *see* Doman, D.R. 1-50874
- Jenkins, C.M. *see* Chung, S.U. 1-41006
- Jenkins, D. *see* Freedman, B.M. 1-45540
- Jenkins, D.A. *see* Hartley, C.S. 1-21535, 1-35458
- Jenkins, D.A. *see* Long, D.D. 1-37064
- Jenkins, D.J. *see* Ahmad, K. 1-11172
- Jenkins, D.J. *see* Turchi, P.J. 1-34110
- Jenkins, D.J. *see* Kuznetsov, A. 1-36883
- Jenkins, E.B. *see* Federman, S.R. 1-44601
- Jenkins, E.B. *see* Snow, T.P., Jr. 1-32733
- Jenkins, E.B. *see* Wallerstein, G. 1-22853
- Jenkins, E.W. *see* Barber, H.B. 1-36153
- Jenkins, H.D.B., Pratt, K.F. LATEN-acomplete lattice energy program 1-34277
- Jenkins, K. *see* Barish, B. 1-10192
- Jenkins, M.L. *see* English, C.A. 1-42428
- Jenkins, R., Porter, R.S. Measurement of unperturbed molecular dimensions using a gel permeation chromatograph coupled with a low-angle laser light-scattering photometer 1-46183
- Jenkins, R.B. *see* Meineri, W.D. 1-50766
- Jenkins, R.E., Garrison, J.B. Automatic contouring for two-dimensional echocardiography 1-26970
- Jenkins, R.L., Farnell, G.C. Factors influencing the response of silver iodide emulsions 1-14191
- Jenkins, R.V. Removal of hydrogen bubbles from nuclear reactors 1-37011
- Jenkins, S.L. *see* Lang, D.D. 1-921
- Jenkins, T.E., Bates, A.R. A Raman study of the phase transition in hexa-ammine nickel (II) chloride 1-42534
- Jenkins, T.E., Lewis, J. The anomalous temperature variation of the symmetric stretching vibration $\nu_2(\text{H}_2\text{O})$ in hexa-aquo metal (II) hexafluoro-silicate (IV) 1-43112
- Jenkins, T.E., Lewis, J. A Raman investigation of some metal (II) hexafluoro-silicate (IV) and hexafluoro-titanate (IV) salts 1-48091
- Jenkins, T.M. *see* Nelson, W.R. (editor) 1-17924
- Jenkins, W.D. *see* Tsang, T. 1-25134
- Jenkins, W.J. *see* Jones, M.K. 1-8844
- Jenkner, H. *see* Newsom, G.H. 1-9515
- Jenkner, H. *see* Rakos, K.D. 1-49681
- Jenks, R.W. Exploring ballistics with your computer 1-13999
- Jenkyms, H.C. *see* Schlanger, S.O. 1-54051
- Jennkens, J. International safeguards—the quantification issue 1-765
- Jenner, A., Bai, Y., Dodd, B. A thermo-plastic shear instability criterion applied to surface cracking in upsetting and related processes 1-48451
- Jenner, G.A., Fryer, B.J. Geochemistry of the upper Snooks Arm Group Basalts, Burlington Peninsula, Newfoundland: evidence against formation in an island arc 1-40083
- Jenner, T.J. *see* Gore, D.J. 1-27040
- Jennes, H., Ortlepp, L. Automation techniques for determining test values and measurements in high-pressure chemical plants (ND 325) (rated pressure grade 325) for the export to the Soviet Union. II 1-40788
- Jennwein, P. *see* Schoch, B. 1-23640
- Jenni, P. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Jenni, P. *see* Dorfan, J.M. 1-41020
- Jenni, P. *see* Himel, T.M. 1-18482
- Jenni, P. *see* Scharre, D.L. 1-18485, 1-45292

- Jennings, B.K. The kinetic energy density for quadrupole scaled wave functions 1-14478
- Jennings, B.K., Jackson, A.D. Collective states in nuclei: a tale of two sounds 1-28373
- Jennings, B.K. *see* Brockmann, R. 1-28500
- Jennings, B.R. *see* Ridler, P.J. 1-41530
- Jennings, D.E. Optical calibrator for TDL spectrometers 1-36745
- Jennings, D.E. *see* Fox, K. 1-10719, 1-14865
- Jennings, K.R. *see* Bohme, D.K. 1-53408
- Jennings, K.R. *see* Bouma, W.J. 1-1409
- Jennings, L.D. Neglected considerations for intensity measurement 1-29982
- Jennings, R.E. *see* Moorwood, A.F.M. 1-17888
- Jennings, S.G., Pinnick, R.G. Relationships between visible extinction, absorption and mass concentration of carbonaceous smokes 1-35726
- Jennison, D.R. Initial-state relaxation effects in molecular Auger spectra 1-46031
- Jennison, D.R., Kelber, J.A., Rye, R.R. Configuration-interaction effects in molecular Auger decay rates 1-41436
- Jennison, D.R. *see* Rye, R.R. 1-37268
- Jennison, R.C. What is an electron? 1-10290
- Jenny, B., Schweizer, C., Gruebner, W., Konig, V., Schmelzbach, P.A. Resonances in d- σ scattering found with a new computer program for spin-1-spin-0 phase-shift analyses 1-28486
- Jenny, B. *see* Borbely, I. 1-28455
- Jenny, S.N. *see* Gilson, T.R. 1-33468
- Jenouvrier, A., Pascal, B. Perturbations in the state $B^2\Pi$ of NS: interactions with $B^2\Sigma^+$, $b^2\Sigma^-$ and $a^1\Pi$ states 1-1250
- Jensen, A.S., Lading, L. The optimum code in single-particle velocity estimation with a laser anemometer 1-2117
- Jensen, A.S. *see* Andersen, J.U. 1-50687
- Jensen, A.S. *see* Skov Jensen, A.
- Jensen, B. *see* Johansen, H. 1-14815
- Jensen, B.W. *see* Makenas, B.J. 1-45616
- Jensen, C.L., Field, D.E. Electromigration of hydrogen in tantalum 1-47301
- Jensen, C.L., Zalesky, M.P. Electrical resistivity of scandium-hydrogen alloys from 295 to 4.2K 1-30716
- Jensen, D. *see* Lomanno, F. 1-14426
- Jensen, D.A. *see* Wise, J. 1-28316
- Jensen, E.B., Talbot, R.J., Jr., Dufour, R.J. M83. III. Age and brightness of young and old stellar populations 1-54610
- Jensen, E.B. *see* Talbot, R.J., Jr. 1-4983
- Jensen, E.S., Seabury, C.W., Rhodin, T.N. Angle-resolved photoemission from CO on Fe(110) 1-3575
- Jensen, H. *see* Hojgaard *see* Hojgaard Jensen, H.
- Jensen, H.J. System-theoretical analysis of the Clare Bishop Area in the cat 1-39912
- Jensen, J. Xeromography in otoradiology 1-43957
- Jensen, J., Perram, C. Solar electricity storage systems 1-39758
- Jensen, J.R. *see* Estes, J.E. 1-35987
- Jensen, M. The radioactive environment 1-13188
- Jensen, M.H. *see* Bak, P. 1-16429
- Jensen, M.S. Atomic X-ray scattering factors for forward scattering beyond the dipole approximation 1-19046
- Jensen, N.H. *see* Wilbrandt, R. 1-41384
- Jensen, N.H., Wilbrandt, R., Pagsberg, P.B., Sillesen, A.H., Hansen, K.B. Time-resolved resonance Raman spectroscopy: the excited triplet state of all-trans- β -carotene 1-51211
- Jensen, N.O. *see* Peterson, E.W. 1-49316
- Jensen, O.K., Finlayson, B.A. Oscillation limits for weighted residual methods applied to convective diffusion equations 1-14078
- Jensen, P. *see* Kauppinen, J. 1-10728
- Jensen, P.A. *see* Smith, T.F. 1-13163
- Jensen, P.W. Linearly and circularly polarized Raman spectra of the iron(II)bis [1-(2-pyridyl)methylamino]-2-aminoethane ion evidence for asymmetric Raman tensor 1-33464
- Jensen, R.A. *see* Rappe, G.H. 1-6031
- Jensen, R.E. Laser beam propagation in particulate media 1-41582
- Jensen, R.J., Hayes, J.K., Cluff, C.L., Thorne, J.M. Isotopically selective infrared photodissociation of (trans-2-chloroethenyl)dichloroborane 1-29057
- Jensen, S., Swyt, D. Sub-micrometer length metrology: problem, techniques and solutions 1-18195
- Jensen, S.J. *see* Knak *see* Knak Jensen, S.J.
- Jensen, S.M. High-speed optical logic devices 1-24448
- Jensen, S.W. *see* Swyt, D.A. 1-27926
- Jensen, T. *see* Berg, D. 1-28320
- Jensen, T. *see* Collick, B. 1-45290
- Jensen, T. *see* Jonckheere, A. 1-51013
- Jensen, T.H., Chu, M.S. Low-frequency linear response of a cylindrical Tokamak with arbitrary cross-section to 'helical' perturbations 1-19931
- Jensen, T.H., McClain, F.W., Grad, H. Low-frequency heating of doublets 1-42182
- Jensen, W.E. On focal plane charge-coupled device (CCD) signal processing circuits 1-5382
- Jenssen, H.P. *see* Walling, J.C. 1-29283
- Jensson, O. *see* Handel, S.K. 1-19927
- Jepps, N.W., Page, T.F. Intermediate transformation structures in silicon carbide 1-30124
- Jepsen, D.W. New transfer-matrix method for low-energy-electron diffraction and other surface electronic-structure problems 1-38209
- Jepsen, D.W., Shih, H.D., Jona, F., Marcus, P.M. Atomic structure of an impurity-stabilized Si[111] surface: refinement using a combined-layer method 1-2787
- Jepsen, D.W. *see* Fernandez, J.C. 1-38631
- Jepsen, D.W. *see* Jona, F. 1-42269
- Jepsen, D.W. *see* Shih, H.D. 1-52403
- Jepsen, P.L., Mosher, J.A., Yagi, G.M., Avis, C.C., Lorre, J.J., Garneau, G.W. Voyager image processing at the Image Processing Laboratory 1-36193
- Jequier, E. *see* Pahud, P. 1-13267, 1-17366
- Jerard, R.B., Jacobsen, S.C. Laboratory evaluation of a unified theory for simultaneous multiple axis artificial arm control 1-22166
- Jericho, M.H., Simpson, A.M., Frindt, R.F. Velocity of ultrasonic waves in 2H-NbSe₂, 2H-TaS₂, and 1T-TaS₂ 1-25379
- Jericho, M.H. *see* Sezerman, O. 1-34494
- Jermann, M. *see* Schmocker, U. 1-28606
- Jernigan, J.G. *see* Cominsky, L. 1-49855
- Jernigan, J.G. *see* Kelley, R.L. 1-49713
- Jernigan, T.C. *see* Milora, S.L. 1-33346
- Jernot, J.-P. *see* Chermant, J.-L. 1-53116
- Jerome, D. Fluctuating collective conductivity and single-particle conductivity in 1-D organic conductors 1-42760
- Jerome, D. Organic superconductivity 1-47775
- Jerome, D. Organic conductors. The materials of the future 1-52691
- Jerome, D. *see* Andrieux, A. 1-38997
- Jerome, D. *see* Ribault, M. 1-20900, 1-42877
- Jerome, D. *see* Schulz, H.J. 1-38879
- Jerome, D. *see* Thomas, J.F. 1-34696
- Jerome, J.H. *see* Jain, S.C. 1-22373
- Jerrard, H.G. (editor) Electro-optics/Laser International 1980 UK 1-40601
- Jerrard, R.J., Ueba, H., Davidson, S.G. Virtual surface states of thin films 1-42840
- Jersak, J. Covariant wave equations and meson spectrum 1-5561
- Jersak, J., Laermann, E., Zerwas, P.M. QCD corrected forward-backward asymmetry of quark jets in e^+e^- annihilation 1-33193
- Jersak, J., Rein, D. Spin forces in harmonic model of confinement 1-5600
- Jersak, J. *see* Gasser, J. 1-10138
- Jerzak, S., Wapla, S., Shuvalov, L.A., Fedosyuk, R.M. Electron paramagnetic resonance in $RbH_2(SeO_3)_2 \cdot Cr^{3+}$ crystals 1-38971
- Jerzykiewicz, M. 16 Lacerta: an eclipsing system with a β Cephei primary 1-27562
- Jesioneck, B., Ludynski, Z. The influence of grain size of tungsten powders on the properties of bars and large diameter wires 1-43296
- Jessberger, E.K., Reimold, W.U. A Late Cretaceous ⁴⁰Ar/³⁹Ar range for the Lappajarvi impact crater, Finland 1-4498
- Jesse, K.E. Kater pendulum modification 1-5049
- Jesser, W.A., Imura, T., Nohara, A., Nishino, Y. Effects of environmental gas on HVEM radiation damage in aluminum 1-2517
- Jesser, W.A. *see* Allen, G.L. 1-20357
- Jesson, J.P. *see* Miller, C. 1-22443
- Jessop, A.M. *see* Wright, J.A. 1-54019
- Jessop, P.E., Szabo, A. Visual observations of macroscopic inhomogeneous broadening of the R line in ruby 1-12537
- Jessop, P.E., Szabo, A. Resonant optical energy transfer in ruby 1-31186
- Jester, W.A., Baratta, A.J., Granlund, R.W., Eidam, G.R. Evaluation of radiation monitor effectiveness for the detection of krypton-85 1-41259
- Jester, W.A., Baratta, A.J., Rudy, K.E., Ford, B.C., Bonner, J.J., Jr., Okyere, E.W. Monitoring krypton-85 during TMI-2 purging using the Penn State noble-gas monitor 1-45744
- Jester, W.A. *see* Baratta, A.J. 1-41257
- Jesus Filho, M.F. *see* de Jesus Filho, M.F.
- Jeszczynski, L. *see* Polgar, K. 1-8211
- Jeszka, J.K., Ulanski, J., Kryszewski, M. Conductive polymer: reticulate doping with charge-transfer complex 1-42751
- Jeszka, J.K. *see* Stasiak, M. 1-12449
- Jett, J. *see* Raju, M.R. 1-43914
- Jett, J.H. *see* Raju, M.R. 1-43907
- Jett, J.H. *see* Salzman, G.C. 1-27925
- Jetter, H. *see* Bohm, H.-D.V. 1-41768
- Jeunhomme, L., Monerie, M. Polarisation-maintaining single-mode fibre cable design 1-15269
- Jeunhomme, L. *see* Monerie, M. 1-11104, 1-11136, 1-15266, 1-24500
- Jevanj, M., Sobhanadri, J. Dielectric relaxation studies. IV. Allyl bromide and allyl ethers in dilute solutions 1-8000
- Jevtic, M. *see* Tosic, T. 1-2983
- Jewan Kim *see* Kyungsik Kang 1-33146
- Jewell, A.M. *see* Zbasnik, J.P. 1-51993
- Jewell, B.R. *see* Boyett, M.R. 1-8842
- Jewell, P.R., Webber, J.C., Snyder, L.E. The linear shell diameter of IRC+10011 1-44568
- Jewess, M., Lee-Bechtold, S., Staveley, L.A.K. Heat capacity of bis(adiponitrile)copper(I) nitrate. An order-disorder transition in a dilute system of nitrate ions 1-11878
- Jewett, R.E., Van Duzer, T. Low-probability punchthrough in Josephson junctions 1-52708
- Jewsbury, P. Electrodynamical boundary conditions at metal interfaces 1-30798
- Jewsbury, R. *see* Barrett, P. 1-47622
- Jex, H., Mullner, M., Knott, R., Loidl, A. Mossbauer gamma-ray diffraction from the molecular crystal KCN 1-39016
- Jex, H. *see* Langfeld, R. 1-52159
- Jeyapalan, K., Bennett, A.F. Corner effects in free shear layers in rotating flows 1-24824
- Jeyapalan, R.K., Doak, P.E. Sound energy calculation of transient sound sources by the radiation efficiency method 1-19533
- Jeyapandian, S. Effective charge and force constants of ammonium halide crystals 1-47199
- Jeyaraj, M., Sobhanadri, J. Dielectric relaxation studies. II. Phenolic Mannich bases in dilute solution 1-34979
- Jeyaraj, M. *see* Krishna, J.G. 1-52888
- Jays, T.H. *see* Kellert, F.G. 1-51282
- Jezdinsky, V. *see* Rudis, M. 1-54145
- Jezequel, G. Surface-photoelectric-yield spectrum of indium below the plasmon energy 1-26363
- Jezequel, G. *see* Le Floch, A. 1-41790
- Jezequel, G. *see* Quémenerais, A. 1-31165
- Jezequel, L., Genin, J., Ting, E.C. Analysis of the critical speeds of a moving load on an infinite periodically supported beam [comments and reply] 1-46692
- Jezierski, M. *see* Perkowski, J. 1-53437
- Jeziorski, B., Schwalm, W.A., Szalewicz, K. Analytic continuation in exchange perturbation theory 1-29076
- Jezkova, M. *see* Cepelch, Z. 1-13738
- Jezowska-trzebiatowska, B. *see* Hanuza, J. 1-26194
- Jezowska-Trzebiatowska, B. *see* Ryba-Romanowski, W. 1-26380
- Jha, S.S., Kirtley, J.R., Tsang, J.C. Intensity of Raman scattering from molecules adsorbed on a metallic grating 1-24158
- Jhanwar, B.L., Khare, S.P., Sharma, M.K. Exchange effects in the independent-atom model for electron-hydrogen-molecule elastic scattering 1-19183
- Jhanwar, B.L., Meath, W.J. Pseudo-spectral dipole oscillator strength distributions for the normal alkanes through octane and the evaluation of some related dipole-dipole and triple-dipole dispersion interaction energy coefficients 1-33509
- Jhanwar, B.L., Meath, W.J., MacDonald, J.C.F. Dipole oscillator strength distributions and sums for C_2H_6 , C_3H_8 , $n-C_4H_{10}$, $n-C_5H_{12}$, $n-C_6H_{14}$, $n-C_7H_{16}$, and $n-C_8H_{18}$ 1-51244
- Jhaveri, D.K. *see* Caffa, V.V. 1-48785
- Jhon, M.S. *see* Fesciyan, S. 1-42075
- Jhon, M.S. *see* Ou, J.J. 1-46977
- Jhon Mu Shik *see* Mu Shik Jhon
- Jhy-Jiun Chang, Chen, J.T. Cavity-mode excitation in a Josephson tunnel junction 1-12241
- Jhy-Jiun Chang *see* Kirtley, J.R. 1-3113
- Ji Guang-da, Zhao Zhong-xian Search for the high critical temperature superconductors 1-7773
- Ji Gui-quan *see* Li Shi 1-52871
- Ji Hong Gao *see* Yu Min Cheng 1-37449
- Ji Li-jiu *see* Wang Yang-yuan 1-30852
- Ji Sun *see* Sun Ji
- Ji Xuxue *see* Zheng Deshui 1-36750
- Ji Xiang-ren *see* Wang Wen-cheng 1-29918
- Ji Zhong-zhen Nonlinear computational instability 1-22474
- Ji-an Xu *see* Xu Ji-an
- Ji-bing Yang *see* Yang Ji-bing
- Ji-Cheng Gu *see* Gu Ji-Cheng
- Ji-guang Sun *see* Sun Ji-guang
- Ji-Hua Guo *see* Guo Ji-Hua
- Ji-lan Wu *see* Wu Ji-lan
- Ji-pu Ma *see* Ma Ji-pu
- Ji-Quan Zhong *see* Zhong Ji-Quan
- Ji-wen Teng *see* Teng Ji-wen
- Ji-ye Ximen *see* Ximen Ji-ye
- Ji-zhi Liao *see* Liao Ji-zhi
- Jia Pei-zhang The error analysis of recurrent algorithm of least squares estimate in satellite geodesy 1-40035
- Jia Shou-Quan, Niu Hong-De, Jiang Pei-Zhi, Fan Xian-He, Li De-Zhen A new phase magnesium iodate $Mg(IO_3)_2 \cdot 2H_2O$ and solubility-temperature diagram of $Mg(IO_3)_2 \cdot H_2O$ system 1-47236
- Jia Wei-yi *see* Xu Xiao-zhen 1-48245
- Jia Yao-Lan *see* Zhang De-Shi 1-28032
- Jia-gang Wang *see* Wang Jia-gang
- Jia-jun Zhang *see* Zhang Jia-jun
- Jia-Ming Li *see* Li Jia-Ming
- Jia-qing Zheng *see* Zheng Jia-qing
- Jia-Quan Li *see* Li Jia-Quan
- Jia-quan Yan *see* Yan Jia-quan
- Jia-Shen Wang, Franklin, J.L. $\Delta H_f(C_2H_6)$ from dissociative electron capture measurements 1-4118

- Jia-Shen Wang, Franklin, J.L. Reactions and energy distribution in dissociative electron capture processes in sulfonyl halides 1-6372
- Jianguang Chen see Chen Jianguang
- Jialu Zhang see Zhang Jialu
- Jian Gong Gao, Ruffini, R. Relativistic limits on the masses of self-gravitating systems of degenerate neutrons 1-22679
- Jian Zhuge see Zhuge Jian
- Jian-bang Liu see Liu Jian-bang
- Jian-guo Ren see Ren Jian-guo
- Jian-hua Dai see Dai Jian-hua
- Jian-jun Xu see Xu Jian-jun
- Jian-quan Yao see Yao Jian-quan
- Jian-sheng Chen see Chen Jian-sheng
- Jian-sheng Xia see Xia Jian-sheng
- Jian-shi Wu see Wu Jian-shi
- Jian-wen Chen see Chen Jian-wen
- Jian-xuan Zheng see Zheng Jian-xuan
- Jian-Ye Liu see Liu Jian-Ye
- Jian-Zheng Wu see Wu Jian-Zheng
- Jianbai Xia see Xia Jianbai
- Jiang, D.Z. see Barber, D.P. 1-28309
- Jiang Bai-Lin, Sheng Shi-Xiong, Xiao Zhi-Gang, Bao Jin-Ying Mechanism of the formation of the defects during heat treatment in single silicon crystal grown by floating zone method in pure hydrogen 1-25272
- Jiang Bai-lin see Bai-lin Jiang
- Jiang Bu-Ju see Zhang Jia-jun 1-48618
- Jiang Er-xiong The error bound of the finite element method for the axisymmetric solid in elastic mechanics 1-23021
- Jiang In-Lin see Chen Ying-Xuan 1-45789
- Jiang Lishang see Chen Zhongxian 1-19801
- Jiang Pei-Zhi see Jia Shou-Quan 1-47236
- Jiang Shudong see Fang Lizhi 1-40517
- Jiang Wen-zhi see Zhu Zai-wan 1-52676
- Jiang Xiaoxia An etch method of revealing carbides in W containing alloy cast iron 1-53367
- Jiang Yeon-Fuh see Yeon-Fuh Jiang
- Jiang Yuansheng Graph theory of molecular orbitals. Calculation of α_n -the determinant of adjacent matrix and the stability of molecules 1-19007
- Jianhua, C. A closed form for the series formula of the superconducting critical temperature 1-30866
- Jianhua Liu see Liu Jianhua
- Jianjun Xu see Xu Jianjun
- Jiansheng Xia see Xia Jiansheng
- Jianwen Chen see Chen Jianwen
- Jiao Hong-zhen see Zhang Yu-chang 1-21087
- Jiao Lu-qiong see Wang Ru-quan 1-29718
- Jiayan Chen see Chen Jiayan
- Jiayong Chen see Chen Jiayong
- Jiazhang Xu see Xu Jiazhang
- Jibuti, R.I., Keserashvili, R.Ya. On the theory of 'true' three particle scattering 1-680
- Jibuti, R.I. see Goldstein, V.A. 1-50586
- Jidai, E. see Takahama, T. 1-8265
- Jie Yao see Yao Jie
- Jie-wu Shen see Shen Jie-wu
- Jih, J.-H. see Narasinga Rao, S. 1-11712
- Jih-ping Chao see Chao Jih-ping
- Jiles, D.C., Palmer, S.B. Magnetoelastic effects in gadolinium 1-26003
- Jiles, D.C., Palmer, S.B. Magnetoelastic effects in erbium 1-31007
- Jim Hsieh Jaw see Jaw Jim Hsieh
- Jimbo, M., Umeno, M. PbSnTe photodiode 1-40849
- Jimbo, M. see Sato, M. 1-36821
- Jimbo, T. see Umeno, M. 1-263
- Jimenez, E. see Hita, E. 1-4277, 1-22011
- Jimenez, J. see Hernan, M.A. 1-19681
- Jimenez, J. see Herrera, L. 1-23067
- Jimenez, J.I., Casas-Vazquez, J., Romeu-Nedwed, C., Llebot, J.E. Plane incident solar radiation. Effects of slope and orientation 1-17158
- Jimenez, J.L., de la Pena, L., Brody, T.A. Zero-point term in cavity radiation 1-9801
- Jimenez Montano, M.A., Ebeling, W. A stochastic evolutionary model of technological change 1-32910
- Jimenez-Diaz, B. see Gomez-Polledo, R. 1-25753
- Jimison, W.L. see Uthe, E.E. 1-43836
- Jimpel, F.J., van der Veen, J.F., Eastman, D.E. Experimental bulk energy bands for diamond using hv-dependent photoemission 1-8189
- Jin, S., Gayle, N.V., Bernardini, J.E. Deformation-aged Cr-Co-Cu-Fe permanent magnet alloys 1-12342
- Jin, S., Tiefert, T.H. High-remnance square-loop Fe-Ni and Fe-Mn magnetic alloys 1-7894
- Jin Au Kong see Leung Tsang 1-35984
- Jin Gen-Ming, Garrett, J.D., Lovhoiden, G., Thorsteins, T.F., Waddington, J.C., Rekstad, J. Candidates for low-spin members of the S band in ^{160}Dy 1-41029
- Jin Gen-Ming, Xie Yuan-Xiang, Zhu Yong-Tai, Shen Wen-Ging, Sun Xi-Jun, Guo Jun-Sheng, Liu Guo-Xing, Yu Ju-Sheng, Sun Chi-Chang, Garrett, J.D. Product cross sections for the reaction of ^{13}C with ^{208}Bi 1-18664
- Jin Kong Hong see Hong Jin Kong
- Jin Long-Huan, Chang Long-Chun X-ray structure analysis of amorphous alloys FeCoSiB, FeSiB, and FeB 1-25164
- Jin Nan Lin, Yeong Der Yao Magnetic phase transition in Ni-Rich Ni-Si alloys 1-7830
- Jin Tae Song see Jong-Sang Kwon 1-35286
- Jin Weixian see Pei Rongxian 1-23332
- Jin Wu Wind-stress coefficients over sea surface near neutral conditions—a revisit 1-22348
- Jin Xiang-feng see Qian Ren-yuan 1-2953
- Jin Ya-Min see Zhang Zhi-Li 1-9084
- Jin-Chung Hsu see Willis, D. 1-40571
- Jin-Guang Zeng see Zeng Jin-Guang
- Jin-ji Kuo see Kuo Jin-ji
- Jin-kui Xu see Xu Jin-kui
- Jin-li Liu see Liu Jin-li
- Jin-lin Huang see Huang Jin-lin
- Jin-nan Gu see Gu Jin-nan
- Jin-Ping Gu see Gu Jin-Ping
- Jin-Rui Shi see Shi Jin-Rui
- Jin-Song Zhu see Duan Feng 1-15217
- Jin-song Zhu see Zhu Jin-song
- Jin-wen Lu see Lu Jin-wen
- Jin-yang Zeng see Zeng Jin-yang
- Jin-Ying Bao see Bao Jin-Ying
- Jin-zi Qin see Qin Jin-zi
- Jindal, B.K., Castro, C.A. Bubble states and other magnetic properties of the (LaSmLu)(GaFe) and (LaSmTm)(GaFe) garnet films 1-7907
- Jindal, R.P., Van Der Ziel, A. Autocorrelation function for thermal noise in the case of maser amplifiers 1-46271
- Jindal, R.P., Warner, R.M., Jr. A general solution for step junctions with infinite extrinsic end regions at equilibrium 1-52646
- Jindal, V.K. see Dubey, G.S. 1-52048
- Jindo, H. see Ogino, T. 1-44387
- Jindra, J. see Marek, J. 1-53574
- Jing-Den Chen see Deemer, A.R. 1-30521
- Jing-Fen Hong see Duan Feng 1-15217
- Jing-hua Tian see Tian Jing-hua
- Jing-Hui Ruan see Ruan Jing-Hui
- Jing-kui Liang see Liang Jing-kui
- Jing-shang Zhang see Zhang Jing-shang
- Jing-sung Chu see Chu Jing-sung
- Jing-xiao Xiao see Xiao Jing-xiao
- Jing-ye Zhang see Zhang Jing-ye
- Jing-Yuan Wu see Wu Jing-Yuan
- Jing-Zhang Chen see Chen Jing-Zhang
- Jing-zhu Hu see Hu Jing-zhu
- Jingtai Qi see Qi Jingtai
- Jinguiji, K. see Edahori, T. 1-33823
- Jinguiji, K. see Horiguchi, M. 1-41826
- Jingyan Liu see Liu Jingyan
- Jinquan Chen see Chen Jinquan
- Jiping Chao see Chao Jiping
- Jiracek, M. Special types of optical fibres for endoscopy 1-32224
- Jirak, Z., Vratislav, S., Bosacek, V. A neutron diffraction study of H, Na-Y zeolites 1-7145
- Jirak, Z. see Krupicka, S. 1-47878
- Jirak, Z. see Pollert, E. 1-38934
- Jiraputh, T. see Pathak, P.H. 1-6434
- Jiracek, F., Tarcsai, Gy. Analysis of whistlers observed simultaneously aboard the Interkosmos-10 satellite and on the ground 1-13642
- Jirounek, P., Jones, G.J., Burckhardt, C.W., Straub, R.W. The correction factors for sucrose gap measurements and their practical applications 1-32106
- Jirousek, J. A family of variable section curved beam and thick-shell or membrane-stiffening isoparametric elements 1-41944
- Jirousek, J. see Bouberguig, A. 1-37786
- Jirova, J. Viscoelastic analysis of a thick plate in the form of a sector of an annulus 1-51703
- Jirustithong, P. see Clearfield, A. 1-31374
- Jischke, M.C., Farschi, M. Boundary layer regime for laminar free convection between horizontal circular cylinders 1-24789
- Jizhou, X., Reifa, Z. High temperature low-cycle fatigue behaviour of two turbine-disc alloys 1-3890
- Jo, H.S.U., Moss, S.C., Westlake, D.G. An X-ray crystallographic study of V₂D 1-30173
- Jo, T., Akai, H. On the disappearance of ferromagnetism in disordered Fe-Al alloys 1-38943
- Jo Choi Sung see Sung Jo Choi
- Joachain, C.J. see Byron, F.W., Jr. 1-19187
- Joannopoulos, J.D. see Lee, D.H. 1-16328
- Joannopoulos, J.D. see Vanderbilt, D. 1-12066, 1-52525
- Joannopoulos, J.D. see Wang, Y. 1-16330
- Joasoo, U. see Blairs, S. 1-30328, 1-47211
- Job, J.A. see Grainger, J.F. 1-10017
- Job, P.K., Srinivasan, M., Nargundkar, V.R. Analysis of the BeO-reflected uranium-233 nitrate solution subcritical multiplication experiments conducted at Purnima Laboratories 1-5909
- Job, V.A. see Asmuth, G.G. 1-24118
- Joba, L.R. see Munnerlyn, C.R. 1-49148
- Jobbagy, A. A microprocessor-based medical measuring system 1-4395
- Jobes, F. see Meservey, E.B. 1-24992
- Jobes, M. see Corden, M. 1-14429
- Jobes, M. see Corden, M.J. 1-14428, 1-28352
- Jochem, C.M.G. see Brongersma, H.H. 1-1731
- Jochemsen, R., Statt, B.W., Hardy, W.N. Microwave absorption by ortho-H₂ pairs in solid hydrogen: temperature and density dependence of the frequencies 1-3541
- Jochemsen, R. see Hardy, W.N. 1-1151
- Jochemsen, R. see Morrow, M. 1-48734
- Jochemsen, R. see Statt, B.W. 1-3539
- Jochmann, H. On the variation of the period of free polar motion (Chandler period) 1-40040
- Jochum, K.P., Grais, K.I., Hintenberger, H. Chemical composition and classification of 19 Yamato meteorites 1-4836
- Jocteur, R., Carratt, M. A new fiber ribbon cable 1-11161
- Jodi, H.J. Matrix isolation Raman-spectroscopy at high pressure and at low temperature 1-43151
- Jodi, H.J., Bolduan, F. Laser induced fluorescence and Raman studies 1-43171
- Jody, B.J. see Bowman, R.M. 1-48829
- Joe, B.W. see Christie, A.M. 1-829
- Joekle, R.C., Gautier, B.G. Boiling of organic liquids induced by bulk absorption of CO₂ laser radiation 1-42524
- Joels, R. see Broggi, A. 1-32053
- Joensuu, J. see Barth, M. 1-41018
- Joeveer, M., Einasto, J. Has the Universe the cell structure? 1-9694
- Joeveer, M. see Einasto, J. 1-13867
- Joeveer, M.M. Zodiacal light and galaxy counts 1-36215
- Joffrin, C. see Lajzerowicz, J. 1-21145
- Joffrin, J. Coherence is beautiful 1-40660
- Joffrin, J. see Lynn, J.W. 1-38910
- Jog, J.P., Walzade, S.J., Bhorskar, S.V. Detection of phase transitions in polymers by TSC technique 1-52265
- Jog, J.P. see Walzade, S.J. 1-34977
- Jogia, S., Griffiths, J.B. A Newman-Penrose-type formalism for space times with torsion 1-9898
- Joglekar, A.V. Comments on 'Mapping theory of two-dimensional anisotropic regions' 1-19237
- Jogulu, C. see Ernest Raj, P. 1-22611
- Johannesma, P.I.M. see Aertsen, A.M.H.J. 1-32132, 1-32133
- Johannessen, A.M., Mork, K.J., Overbo, I. Photon-splitting cross sections 1-566
- Johannin-Gilles, A. see Bideau-Mehu, A. 1-334
- Johannisson, T.G. see Garvare, T.A.E. 1-35213
- Johannisson, T.G. see Hogland, R.G. 1-35220
- Johannsen, I., Groth-Andersen, L., Nielsen, K.F. Crystal growth of tetrahydrofulvalene-tetracyanoquinodimethane (TTF-TCNQ) from oriented seeds 1-53073
- Johansen, H., Rettrup, S., Jensen, B. Ab initio calculations of electrostatic potentials and deformation densities for a series of choline ester model systems 1-14815
- Johanson, E. see Page, R.J. 1-14657
- Johanson, K.J. see Sundell-Bergman, S. 1-49072
- Johanson, W.R., Crabtree, G.W., Edelstein, A.S., Mc Masters, O.D. Fermi-surface measurements of mixed-valence CeSn₃ 1-42674
- Johanson, W.R., McCollum, D.C. Specific heats of EuTe and EuSe near their magnetic transitions 1-12318
- Johansson, B., Skriver, H.L., Martensson, N., Andersen, O.K., Glotzel, D. Presence and character of the 5f electrons in the actinide metals 1-47529
- Johansson, B. see Andersen, O.K. 1-47443
- Johansson, B. see Martensson, N. 1-41334
- Johansson, B. see Rosengren, A. 1-20113
- Johansson, B. see Steiner, P. 1-43249
- Johansson, K.A. see Bjarnagard, B.E. 1-9027
- Johansson, K.E., Palm, T., Werner, P.-E. An automatic microdensitometer for X-ray powder diffraction photographs 1-18350
- Johansson, L., Mattsson, S. Plutonium in ^{99m}Tc pertechnetate for clinical use 1-43954
- Johansson, L., Tornell, B. SEM studies of fractures of rigid PVC pipes 1-8405
- Johansson, L.E.B. see Eldler, J. 1-49774
- Johansson, L.-G., Lindqvist, O. Manganese(II) sulfite trihydrate 1-15857
- Johansson, L.-G., Lindqvist, O., Vannerberg, N.G. The structure of cement hydrogensulfite 1-15846
- Johansson, L.I., Peterson, L.-G., Berggren, K.-F., Allen, J.W. Angle-resolved-photoemission study of the Cr(110) surface and of antiferro-to-paramagnetic phase transition 1-12633
- Johansson, L.I., Stefan, P.M., Shek, M.L., Christensen, A.N. Valence-band structure of TiC and TiN 1-3571
- Johansson, L.I., Stefan, P.M., Shek, M.L., Norlund Christensen, A. Experimental energy band dispersions for a TiN(100) crystal 1-42688
- Johansson, L.I. see Stohr, J. 1-26306
- Johansson, P.K., Persson, B.N.J. On the Debye-Waller factor in molecular beam scattering experiments 1-7283
- Johansson, P.K. see Norskov, J.K. 1-42633
- Johansson, S., Larsson, U., Boehm, P. The Tsesis oil spill. Impact on the pelagic ecosystem 1-35721
- Johansson, S.A.E. see Lannefors, H.O. 1-54224

- Johnson, T., Konijn, J., Krogulski, T., Polikanov, S., Reist, H.W., Tibell, G. Muon induced quadrupole photofission 1-18694
- Johnson, T. *see* Ganzorig, Dz. 1-23697
- Johnson, T.B., Lonnroth, M., Steen, P. Solar or nuclear—the choice of energy future 1-39709
- Johari, G.P. The dipolar correlation factor and permittivity of ice IV and V 1-7994
- Johari, G.P. The dipolar correlation factor, the electrostatic field, the dipole moment and the Coulombic interaction energy of water molecules in clathrate hydrates 1-46163
- Johgo, A., Murata, Y. Dynamics of the reaction of N_2O^+ with D_2 and H_2 1-12979
- John, I.G., Backs, G.B., Hush, N.S. Finite field method calculations. VI. Raman scattering activities, infrared absorption intensities and higher-order moments: SCE and CI calculations for the isotopic derivatives of H_2O and SCF calculations for CH_4 1-6265
- John, P., Odeh, I.M., Thomas, M.J.K., Tricker, M.J., Riddoch, F., Wilson, J.I.B. Studies of the mechanism of the decomposition of hydrogenated a-Si films 1-21720
- John, P., Odeh, I.M., Thomas, M.J.K., Tricker, M.J., Wilson, J.I.B., England, J.B.A., Newton, D. Determination of the hydrogen content of a-Si films by infrared spectroscopy and 25 MeV α -particle elastic scattering 1-39127
- John, P. *see* Harrison, R.G. 1-29060
- John, P. *see* Tait, N.R.S. 1-21817
- John, T.M., Om Pal Singh On the space cross-correlation of noise sources in boiling water reactors 1-33283
- John, W., Keller, W. Density of electronic states in liquid metals. An effective medium approach 1-25606
- Johnner, G. *see* Meisel, H. 1-17014
- Johns, B., Jefferson, R.J. The numerical modeling of surface wave propagation in the surf zone 1-32458
- Johns, L.A., Skyring, G.W. Discriminatory X-ray mapping of two or more elements by a pulse stretch method 1-35589
- Johns, L.E. *see* DeGance, A.E. 1-2100
- Johns, M.W. *see* Khan, T.A. 1-18534
- Johns, P.B. The TLM method applied to eddy current and displacement current problems 1-24330
- Johns, S.R., Leslie, D.R., Willing, R.I., Yabsley, M.A. A two-pulse sequence for the analysis of unresolved multiline resonances in ^{13}C Fourier transform NMR spectra 1-21062
- Johns, T.F. *see* Busuoli, G. 1-6097
- Johnsen, K. *see* Blum, E.J. 1-17772
- Johnsen, N.J., Terkildsen, K. The normal middle ear reflex thresholds towards white noise and acoustic clicks in young adults 1-26911
- Johnsen, R., Biondi, M.A. Charge transfer of atomic and molecular rare-gas ions with mercury atoms at thermal energy 1-37321
- Johnsen, R., Biondi, M.A. Ion-molecule reactions of He^+ , Ne^+ , N_2^+ , N_2^+ , and N_2^+ ions with Hg atoms and HgBr₂ molecules at thermal energy 1-39604
- Johnsen, R., Biondi, M.A. Reactions of ground-state and metastable O^{2+} ions with He, O₂, N₂, and CO₂ at thermal energies 1-39610
- Johnsen, R., Biondi, M.A. Thermal-energy reactions of metastable $O^{2+}(^2D)$ ions with O₂, N₂, and H₂ 1-39633
- Johnsen, R., Biondi, M.A. Reactions of O^{2+} ground-state and metastable ions with He, O₂ and N₂ 1-39634
- Johnsen, R., Chen, A.K., Biondi, M.A. Association reactions of C^+ ions with H₂ and D₂ molecules at 78 and 300K 1-8561
- Johnsen, R. *see* Whitaker, M. 1-51315
- Johnsen, T.L. *see* Argyris, J.H. 1-9836
- Johnson, A. *see* Bronzino, J.D. 1-22006
- Johnson, A. *see* Funke, L. 1-50485
- Johnson, A.D. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Johnson, A.D. *see* Dorfan, J.M. 1-41020
- Johnson, A.D. *see* Himel, T.M. 1-18482
- Johnson, A.D. *see* Scharre, D.L. 1-18485, 1-45292
- Johnson, A.F. *see* Wolf, A. 1-24706
- Johnson, A.L. *see* Santimay Basu 1-4693
- Johnson, A.M. *see* Austin, D.H. 1-50212
- Johnson, A.M. *see* Berger, P. 1-49243
- Johnson, A.M. *see* Smith, P.R. 1-42809, 1-50209
- Johnson, B. *see* Yun Chang 1-904
- Johnson, B. *see* Yurke, B. 1-6190
- Johnson, B.C. *see* Petite, G. 1-6209
- Johnson, B.D. *see* Mayhew, M.A. 1-22193
- Johnson, B.D. *see* Veevers, J.J. 1-32423
- Johnson, B.M. *see* Schuch, R. 1-19171
- Johnson, B.R. On a connection between radial Schrödinger equations for different power-law potentials 1-9868
- Johnson, B.R. On hyperspherical coordinates and mapping the internal configurations of a three body system 1-37139
- Johnson, B.R. Comment on the Truhlar-Horowitz functional representation of the H+H₂ potential surface 1-41333
- Johnson, B.W., Sierra, R.A. A microprocessor-based multi-mode multi-channel averager 1-27939
- Johnson, C. *see* Sperlin, H.G. 1-35820
- Johnson, C.E., Fee, D.C. Oxygen getter coatings for fission reactor fuel pins 1-18770
- Johnson, C.E. *see* Fee, D.C. 1-33293, 1-35422
- Johnson, C.E. *see* Johnson, G.K. 1-13034
- Johnson, C.E. *see* Kim, K.-Y. 1-53459
- Johnson, C.T. *see* Partlow, W.D. 1-46928
- Johnson, C.W. *see* Ashby, R.A. 1-37218
- Johnson, C.Y., Sjolander, G.W., Oran, E.S., Young, T.R., Bernhardt, P.A., Da Rosa, A.V. F region above Kauai: measurement, model, modification 1-4696
- Johnson, D. Optical methods detect end point in plasma etching 1-42206
- Johnson, D. *see* De Clercq, C. 1-28346
- Johnson, D. *see* Hill, K.L. 1-2249
- Johnson, D. *see* Nicoll, J.F. 1-49820
- Johnson, D. *see* Owens, D.K. 1-25073
- Johnson, D.A. *see* Gordon, M.M. 1-10559
- Johnson, D.B. *see* Swett, K. 1-27162
- Johnson, D.C. *see* Stacy, A. 1-25867
- Johnson, D.E. Post specimen optics for energy loss spectrometry 1-14217
- Johnson, D.E., Basbas, G., McDaniel, F.D. Non-relativistic plane-wave Born-approximation calculations of direct Coulomb M-subshell ionization by charged particles 1-17944
- Johnson, D.G., Pangborn, J.B. The effect of activation process parameters on initial formation rates of FeTiH₂ 1-4071
- Johnson, D.H. The relation between spike rate and synchrony in responses of auditory-nerve fibers to single tones 1-13256
- Johnson, D.L., Rizzo, R.A. Plasma sintering of β'' -alumina 1-3674
- Johnson, D.L., VanDevender, J.P., Martin, T.H. Preliminary PBFA II design 1-28753
- Johnson, D.L. *see* Brady, F.P. 1-28823
- Johnson, D.L. *see* Gadgil, V.L. 1-42583
- Johnson, D.L. *see* Martin, T.H. 1-28752
- Johnson, D.L. *see* Zanelli, C.I. 1-45506
- Johnson, D. *see* Linton, J. 1-45506
- Johnson, D.M. An index of Arizona summer rainfall developed through eigenvector analysis 1-44263
- Johnson, D.P. *see* Barth, M. 1-41018, 1-45377
- Johnson, D.R. An approach to large-scale non-contact coordinate measurements 1-225
- Johnson, D.R. *see* Nyquist, D.P. 1-37606
- Johnson, D.W. *see* Strachan, J.D. 1-45729
- Johnson, D.W., Jr. *see* Blann, P. 1-4008
- Johnson, D.W., Jr. *see* Gallagher, P.K. 1-38505
- Johnson, E., Hirsch, P.B. 'In situ' straining in the HVEM of neutron-irradiated copper crystals 1-42432
- Johnson, E.A. Dispersion in disparate-mass gases: The breakdown of hydrodynamics 1-29828
- Johnson, E.A. *see* Ebihara, L. 1-13225
- Johnson, E.A. *see* Kootsey, J.M. 1-39905
- Johnson, E.J. *see* McDonnell, M.E. 1-6595
- Johnson, F., Scarrow, P., Waugh, W. Assessments of loads in the knee joint 1-43889
- Johnson, F., Watts, W.G., Evans, D.F. Goniometer for continuous recording of knee angle 1-44039
- Johnson, F.A. *see* Cartwright, D.K. 1-823
- Johnson, F.A. *see* Wood, M.H. 1-7388
- Johnson, G. *see* Edelstein, W.A. 1-39980
- Johnson, G.A., O'Foghlu, F. Investigation of transmolybdenum fluorescent anodes for mammography 1-43980
- Johnson, G.A. *see* O'Foghlu, F. 1-49119
- Johnson, G.C. *see* Kino, G.S. 1-48594
- Johnson, G.K., Gayer, K.H. The enthalpies of solution and formation of Ca_3CO_3 1-4119
- Johnson, G.K., Papatheodorou, G.N., Johnson, C.E. The enthalpies of formation and high-temperature thermodynamic functions of As_2S_3 and As_2S_5 1-13034
- Johnson, G.K. *see* Fredrickson, D.R. 1-17096
- Johnson, G.N., Smith, P.L., Jr. Meteorological instrumentation system on the T-28 thunderstorm research aircraft 1-44310
- Johnson, G.R. *see* Tanner, D.L. 1-32047
- Johnson, H. *see* Allen, C. 1-32618
- Johnson, H.G., Bialek, J., Heilbrunn, W., Cargulia, G. The mechanical and electrical design of the TFTR poloidal field coils 1-6010
- Johnson, H.M. Dose equivalents during maintenance and operation of an organic-cooled research reactor 1-28726
- Johnson, H.M. An X-ray sampling of nearby stars 1-49665
- Johnson, J.A. A simplified articulation index calculation for open-plan spaces 1-11247
- Johnson, J.A., Manja, B.A. Unsteady currents over a continental shelf 1-44210
- Johnson, J.A., III, Santiago, J., Lin, I. Improving the Mach number capabilities of arc driven shock tubes 1-15616
- Johnson, J.C. *see* Massey, G.A. 1-35020
- Johnson, J.D., Bonner, J.C. Excitation spectrum and low-temperature thermodynamics of the Ising-Heisenberg linear ferromagnet 1-3196
- Johnson, J.E. *see* Lika, V.F. 1-23827
- Johnson, J.F. *see* Griffin, A.C. 1-38283
- Johnson, J.F.E., Sojka, J.J. Electrostatic analyser measurements made in a laboratory 'ionospheric' plasma 1-51984
- Johnson, J.H. An overview of monitoring and control methods for diesel pollutants in underground mines using diesel equipment 1-8786
- Johnson, J.H. *see* Scott, A. 1-5768
- Johnson, J.L. *see* Gover, J.E. 1-32982
- Johnson, J.R. Reaction of hydrogen with the high temperature (C14) form of TiCr₂ 1-8275
- Johnson, J.R. *see* Bowman, R.C., Jr. 1-3283
- Johnson, J.R. *see* Faisler, W. 1-45351
- Johnson, J.R. *see* Myers, D.K. 1-39973
- Johnson, J.R. *see* Reilly, J.J. 1-2634
- Johnson, K. *see* Donoghue, J.F. 1-50383
- Johnson, K.C. Coupled scalar wave diffraction theory 1-51346
- Johnson, K.E. Role of inclusions in the atmosphere pitting of stainless steel 1-39504
- Johnson, K.E., Levy, D.H. The fluorescence excitation and dispersed fluorescence spectra of the van der Waals molecules I₂N₂ and I₂N₂He 1-46010
- Johnson, K.E., Sharfin, W., Levy, D.H. The photodissociation of van der Waals molecules: complexes of iodine, argon, and helium 1-39659
- Johnson, K.E., Verma, A. Off-peak power for hydrogen production 1-53700
- Johnson, K.H. *see* Kowalski, J.M. 1-17065
- Johnson, K.J. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Johnson, L.C., Mansfield, D.K., Semet, A. A far-infrared rooftop resonator 1-46402
- Johnson, L.C. *see* Mansfield, D.K. 1-24434
- Johnson, L.E. Two closed two-compartment models with time-delay 1-21972
- Johnson, L.F. Mode locking a diode laser 1-41754
- Johnson, M. Stress-induced waveguides in thin-film transparent rubbers 1-24493
- Johnson, M. Polarization optical devices in rubber waveguides 1-24494
- Johnson, M. Thin-film birefringent filters 1-24530
- Johnson, M. *see* Crow, J.D. 1-29388, 1-46550, 1-51619
- Johnson, M. *see* Ulmer, M.P. 1-54640
- Johnson, M.B. *see* Germond, J.-F. 1-5802
- Johnson, M.E. *see* Heagy, S.M. 1-50433
- Johnson, M.L. *see* Brady, F.P. 1-28823
- Johnson, M.L. *see* Byrne, J.G. 1-15890
- Johnson, M.L. *see* Zanelli, C.I. 1-45506
- Johnson, M.W., Chakkalakal, D.A., Harper, R.A., Katz, J.L. Influence of the dielectric properties on the electromechanical effect in bone 1-13230
- Johnson, M.W., Williams, W.S., Gross, D. Ceramic models for piezoelectricity in dry bone 1-4257
- Johnson, M.W. *see* Chakkalakal, D.A. 1-13231
- Johnson, N.J.E. Spectral imaging with the Michelson interferometer 1-24512
- Johnson, N.R., Guidry, M.W., Sturm, R.J., Eichler, E., Sayer, R.O., Hensley, D.C., Singhal, N.C. Lifetimes of rotational states in ^{154}Sm 1-18599
- Johnson, O. Electron density and electron redistribution in alloys. I. Electron density in elemental metals 1-38699
- Johnson, P., Mason, P., Muirhead, H., Michaelides, P., Michaelidou, Ch., Patel, G.D., van Apeldoorn, J.W., Harting, D., Holthuisen, D.J., de Leeuw, J.M., Pijlgrims, B.J., Rijsenbeck, M.M.H.M., Karimaki, V., Korkea-Aho, M., Kinnunen, R., Tuominiemi, J., Ekspong, G., Moa, T., Nilsson, S. General features of the pp interaction at 12 GeV/c 1-5659
- Johnson, P. *see* Aron, K. 1-24132
- Johnson, P. *see* van Apeldoorn, G.W. 1-45357
- Johnson, P.A. *see* Olsen, K.H. 1-40092
- Johnson, P.A.V. *see* Sinclair, R.N. 1-30069
- Johnson, P.B., Karnezos, M., Henry, R.D. Automated spatial filtering for rapid characterization of LPE bubble garnet films 1-28039
- Johnson, P.B., Mazey, D.J. The gas-bubble superlattice and the development of surface structure in He⁺ and H⁺ irradiated metals at 300K 1-25333
- Johnson, P.B., Rayne, J.A. Electron-phonon scattering in noble metals from magnetoacoustic experiments 1-12017
- Johnson, P.B., Rayne, J.A. Electron-phonon scattering rates in Cu, Ag, and Au from magnetoacoustic experiments 1-16217
- Johnson, P.D. *see* Armitage, A.F. 1-26317
- Johnson, P.D. *see* Farrell, H.H. 1-39224
- Johnson, P.D. *see* Titeley, D.J. 1-39206
- Johnson, P.E., Smith, D.W., Shorthill, R.W. An outburst of Comet Tempel-2 observed spectrophotometrically 1-36224
- Johnson, P.E. *see* James, W.J. 1-25890
- Johnson, P.G., White, N.J. Radial velocity observations of IC 410 1-36369
- Johnson, P.M. Molecular multiphoton ionization spectroscopy 1-29061
- Johnson, P.W., Wu-Ki Tung Testing the spin of the gluon in large-transverse-momentum lepton-pair production 1-14329

- Johnson, Q., Mitchell, A.C. Flash X-ray diffraction studies to 100 GPa 1-42466
- Johnson, Q. *see* Akella, J. 1-38529
- Johnson, R., McMinn, A., Tomkins, B. Towards the development of mechanistically-based design rules for corrosion fatigue in ductile steels 1-39543
- Johnson, R. *see* Sanghvi, A.P. 1-21873
- Johnson, R.A. *see* Chiang, I.-H. 1-45353
- Johnson, R.A. *see* Roarty, K.B. 1-52183
- Johnson, R.C. Deuteron structure effects in few-body models of deuteron induced reactions on heavy nuclei 1-28425
- Johnson, R.C. Atomic, molecular and nuclear collisions 1-51263
- Johnson, R.C. *see* Nishioka, H. 1-18657
- Johnson, R.C. *see* Tostevin, J.A. 1-28427
- Johnson, R.E., Sieveka, E., McAfee, K.B. Charge transfer and spin change in $\text{Ar}^+ + \text{Ar}$ 1-41490
- Johnson, R.E. *see* Brown, W.L. 1-15937
- Johnson, R.G. *see* Behrens, J.W. 1-18975
- Johnson, R.G. *see* Haight, J.C. 1-41112
- Johnson, R.H. Improvements in the differentiation method of spectrum unfolding 1-28830
- Johnson, R.K. *see* Brunson, B.A. 1-11232
- Johnson, R.L. A systems rationale of the selection or design of tribological surface coatings 1-31681
- Johnson, R.L., Gardner, W.L., Michelotti, R.A., Moore, J.R., Ryan, T.L., Warwick, J.E., McCurdy, H.C., Worsham, R.E., Goranson, P.L., Whitfield, P.W., Gelpi, P. Design of upgrades to the PLT neutral beam injectors for use on PDX and ISX-B 1-990
- Johnson, R.L. *see* del Cuetio, J. 1-2759
- Johnson, R.L. *see* Langer, D.W. 1-16373
- Johnson, R.L., Jr. *see* Blomqvist, C.G. 1-13329
- Johnson, R.N. *see* Farwick, D.G. 1-21598
- Johnson, R.N. *see* Theodoridis, G.C. 1-32104
- Johnson, R.P. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Johnson, R.R. *see* Barnett, B.M. 1-23557
- Johnson, R.R. *see* Bolger, J. 1-41008
- Johnson, R.R. *see* Marty, N. 1-23690
- Johnson, R.V. Electronic focusing in the scophony scanner 1-46548
- Johnson, R.W. Remote sensing and spectral analysis of plumes from ocean dumping in the New York Bight apex 1-13192
- Johnson, S., Madix, R.J. Sulfur induced selectivity changes for methanol decomposition on Ni(100) 1-53471
- Johnson, S.A., Berggren, M.J., Gustafson, D.E., Arave, A.F., Robb, R.A. X-ray tomographic imaging of boiling from heated rod bundles [nuclear reactors] 1-14677
- Johnson, S.A. *see* Fincke, J.R. 1-11482
- Johnson, S.E. *see* Sun, B.K. 1-10468
- Johnson, S.F. *see* Longgren, K.E. 1-14080
- Johnson, S.G., Proud, J.M. Ultraviolet fluorescence from the $\text{HgCl}_2(\text{D}^2_{3/2})$ state in a pulsed discharge of HgCl_2 and neon 1-37250
- Johnson, S.M., Rosemeier, R.G., Wang, C.D., Armstrong, R.W., Lin, H.C., Storti, G.M. Crystallographic structure effects on the electrical properties of polysilicon solar cells 1-43779
- Johnson, S.W., Lynn, P.A., Miller, J.S.G., Reed, G.A.L. Identification of the stretch reflex using pseudorandom excitation: electromyographic response to displacement of the human forearm 1-44037
- Johnson, T. *see* Soderblom, L. 1-36209
- Johnson, T.C. Late-glacial and postglacial sedimentation in Lake Superior based on seismic-reflection profiles 1-17632
- Johnson, T.D. *see* Kovacs, S.G. 1-13351
- Johnson, T.L. *see* Nash, A.E. 1-41254
- Johnson, T.R., Berry, G.F., Petrick, M. Development of steam generator components for open-cycle MHD 1-48876
- Johnson, T.S. *see* Raju, M.R. 1-43907
- Johnson, T.V. *see* Collins, S.A. 1-27271
- Johnson, T.V. *see* Morfill, G.E. 1-32649, 1-32650, 1-32651, 1-32652
- Johnson, V. *see* Brixner, L.H. 1-9014
- Johnson, V.E. *see* Bhattacharyya, S. (editor) 1-9781
- Johnson, W. A short review of metal forming mechanics and some processes of current research interest 1-31581
- Johnson, W. *see* Williams, D.J. 1-3663
- Johnson, W.A. *see* Stolf, N.S. 1-31652
- Johnson, W.B. *see* Aston, D. 1-50470
- Johnson, W.B. *see* Stroynowski, R. 1-18522
- Johnson, W.C., Jr. Circular dichroism spectroscopy and the vacuum ultraviolet region 1-10871
- Johnson, W.L. Superconductivity in metallic glasses 1-30862
- Johnson, W.L., Hendricks, C.D. Electrostatic levitation and transport of laser fusion targets 1-19926
- Johnson, W.L. *see* Amamou, A. 1-8193
- Johnson, W.L. *see* Kim, C.O. 1-42313
- Johnson, W.N. *see* Strickman, M.S. 1-9730
- Johnson, W.R., Cheng, K.T., Huang, K.-N., Le Dourneuf, M. Analysis of Beutler-Fano autoionizing resonances in the rare-gas atoms using the relativistic multichannel quantum-defect theory 1-1188
- Johnson, W.R., Rasin, W.H., Carlson, G.E., Pope, M. A novel wide-range environmental gamma-ray dosimeter 1-18915
- Johnson, W.R. *see* Lee, C.M. 1-1178
- Johnson, W.T. *see* Herman, G.F. 1-22486
- Johnson, W.W., Winget, D.E., Douglass, D.H., Van Horn, H.M. Time-varying gravitational multipole moments corresponding to nonradial solar oscillations 1-27473
- Johnston, A. *see* England, J.B.A. 1-18564
- Johnston, A. *see* Miller, D.A.B. 1-29327
- Johnston, A. *see* Pidgeon, C.R. 1-31160
- Johnston, A.C. *see* Wyss, M. 1-40073
- Johnston, A.M. Ammonia/water absorption cycles with relatively high generator temperatures 1-8753
- Johnston, A.M., Pidgeon, C.R., Dempsey, J. Frequency dependence of two-photon absorption in InSb and $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ 1-3432
- Johnston, A.W. *see* Atchison, D.A. 1-44042
- Johnston, D.A. Volcanic contribution of chlorine to the stratosphere: more significant to ozone than previously estimated? 1-27241
- Johnston, D.C. *see* Butler, W.F. 1-26877
- Johnston, D.C. *see* DeLong, L.E. 1-25910
- Johnston, D.C. *see* Liang, K.S. 1-30061
- Johnston, D.C. *see* Mackay, H.B. 1-34879
- Johnston, D.C. *see* Moncton, D.E. 1-30883
- Johnston, D.C. *see* Mook, H.A. 1-7813
- Johnston, D.C. *see* Schneider, S.C. 1-20918
- Johnston, D.W. *see* Wentworth, W.E. 1-53640
- Johnston, F.J. *see* Clever, H.L. 1-9780
- Johnston, F.J. *see* DellaGuardia, R.A. 1-43688
- Johnston, G.W., Ogimoto, K. Sound radiation from a finite length unflanged circular duct with uniform axial flow. I. Theoretical analysis 1-29431
- Johnston, G.W., Ogimoto, K. Sound radiation from a finite length unflanged circular duct with uniform axial flow. II. Computed radiation characteristics 1-29432
- Johnston, H.S. *see* Magnotta, F. 1-22397
- Johnston, J.W. *see* Owzarski, P.C. 1-41205
- Johnston, K.J. The application of radio interferometric techniques to the determination of Earth rotation 1-44351
- Johnston, K.J., Spencer, J.H., Mayer, C.H., Klepzyński, W.J., Kaplan, G., McCarthy, D.D., Westerhout, G. The NAVOBSY/NRL program for the determination of Earth rotation and polar motion 1-49196
- Johnston, K.J. *see* Bowers, P.F. 1-49836
- Johnston, K.J. *see* Felli, M. 1-49776
- Johnston, K.J. *see* Hjellming, R.M. 1-54520
- Johnston, K.W. *see* Arenson, J.S. 1-44036
- Johnston, L.H., Srivastava, R.P., Lees, R.M. Laser-Stark spectrum of methyl alcohol at 890.761 GHz with the HCN laser 1-37252
- Johnston, M.D., Joss, P.C. The chemical abundances of the Cassiopeia A fast-moving knots: explosive nucleosynthesis on a minicomputer 1-49762
- Johnston, M.D. *see* Garcia, M. 1-4996
- Johnston, M.H., Griner, C.S., Parr, R.A., Robertson, S.J. The direct observation of unidirectional solidification as a function of gravity level 1-7497
- Johnston, N.A., Sholl, C.A. Lattice distortions and relaxation energies due to hydrogen in FCC and BCC metals 1-7163
- Johnston, P.E. *see* Ogawa, T. 1-40252
- Johnston, R. Localisation and localisation edges—a precise characterisation 1-52517
- Johnston, R.C. Performance of 2000 and 6000 psi air guns: theory and experiment 1-40211
- Johnston, S. *see* Goebel, D.M. 1-23366
- Johnston, S.F., Clayman, B.P. Reflectivity measurements on hot reactive liquids using a FIR laser 1-5362
- Johnston, T.W. Limits to plasma science 1-42134
- Johnstone, I.P. Effective interaction for one-hole states in K isotopes 1-23544
- Johnstone, I.W., Briat, B., Lockwood, D.J. $\text{Cr}^{2+}\text{-Cr}^{3+}$ excited state Raman scattering from molecular vibrations in binuclear $\text{Cr}_2\text{Cl}_2\text{Cl}_4$ induced by exchange striction 1-3414
- Johnstone, I.W., Lockwood, D.J., Dharmawardana, M.W.C. Influence of interchain coupling on the one-dimensional magnon Raman spectrum of CsCoBr_3 1-30932
- Johnstone, I.W., Lockwood, D.J., Dharmawardana, M.W.C. Influence of interchain coupling on the one-dimensional magnon Raman spectrum of CsCoBr_3 1-39099
- Johnstone, J. *see* Barnett, B.M. 1-23557
- Johri, A.K., Sharma, J.S. Unsteady flow of a visco-elastic fluid in a curved pipe of rectangular cross section 1-6894
- Johri, G.K., Gupta, S., Chandra, B., Rishishwar, R.P. Temperature dependence of pressure-broadened microwave line-widths of some rotational lines of carbonyl sulphide 1-33454
- Johri, G.K., Srivastava, S.K. Dielectric relaxation studies of chloral and chloral in benzene solution 1-26117
- Joindot, I. *see* Simon, J.C. 1-15260
- Joirt, I. *see* Pasztor, I. 1-17513
- Jokay, L. *see* Rockenbauer, A. 1-33481
- Joki, E.G. *see* Nobles, R.A. 1-9365
- Jokic, T., Josimov, G., Tosic, M.M., Goncic, B., Jurela, Z. Magnetron ion source for antimony ions 1-28768
- Jokipii, J.R., Thomas, B. Effects of drift on the transport of cosmic rays. IV. Modulation by a wavy interplanetary current sheet 1-54333
- Jokisara, J., Kuonoja, J. ^1H , ^{13}C and ^{199}Hg NMR study on the spin-spin coupling constants and R_ρ -structure of CF_3HgCl in isotropic and nematic phases 1-14914
- Jokisch, H. *see* Alkofer, O.C. 1-45773
- Jokisch, H. *see* Aubert, J.J. 1-5630
- Jokl, M.L., Vitek, V., McMahon, C.J., Jr. A microscopic theory of brittle fracture in deformable solids: a relation between ideal work to fracture and plastic work 1-7248
- Jolibois, B., Laplace, G., Abraham, F.; Nowogrocki, G. The low-temperature forms of some $\text{M}_3\text{-M}^{\text{III}}(\text{XO}_2)_3$ compounds: structure of triammonium indium(III) trisulfate 1-15844
- Jolley, K.W. *see* Callaghan, P.T. 1-14150
- Jolliffe, B.W. *see* Birch, K.P. 1-28991
- Jolly, D.L., Bearman, R.J. Molecular dynamics simulation of the mutual and self diffusion coefficients in Lennard-Jones liquid mixtures 1-11657
- Jolly, D.L. *see* Freasier, B.C. 1-21708
- Jolly, J., Touzeau, M., Ricard, A. Determination of non-Boltzmann vibrational level populations of excited nitrogen using the Penning ionisation technique 1-41482
- Jolly, P., Sane, K., Sane, K.V. Effective potential model for calculating the energy shift in the ground state of two-electron atoms 1-24021
- Jolly, P., Saxena, R.P., Srivastava, P.K., Sane, K.V. Variational functions of the Pade type—application to the ground state of the helium atom 1-10634
- Jolly, P. *see* Leveque, R. 1-16717
- Jolly, R. *see* Chen, P. 1-44911
- Jolos, R.V., Schmidt, R. Interaction of heavy ions at 10 MeV/nucleon 1-50612
- Joly, E. *see* Belkhir, L. 1-3744
- Joly, M. *see* Stasinska, G. 1-40354
- Jolzi, R.A. *see* Stiglich, J.J., Jr. 1-21355
- Jomphe, M. *see* Knystaustas, E.J. 1-46102
- Jona, F., Jepsen, D.W., Marcus, P.M., Rosenberg, I.J., Weiss, A.H., Canter, K.F. Theory versus experiment in low-energy positron diffraction by $\text{Cu}(111)$ 1-42269
- Jona, F. *see* Fernandez, J.C. 1-38631
- Jona, F. *see* Jepsen, D.W. 1-2787
- Jona, F. *see* Marcus, P.M. 1-46962
- Jona, F. *see* Shih, H.D. 1-52403
- Jonah, C.D., Kenney-Wallace, G.A. Solvation of the electron in alcohols studied using the Argonne picosecond pulse radiolysis system 1-53443
- Jonas, J. *see* Bonekamp, J. 1-7959
- Jonas, J. *see* Lamb, W.J. 1-47966
- Jonas, J. *see* Schindler, W. 1-10707
- Jonas, J.J. *see* Akben, M.G. 1-26462
- Jonas, J.J. *see* Choubey, R. 1-35324
- Jonas, P.R. Laboratory experiments and numerical calculations of baroclinic waves resulting from potential vorticity gradients at low Taylor number 1-49329
- Jonas, S. *see* Pampuch, R. 1-16932
- Jonathan, J.M., May, M. Interferometry with polarization sensitive photographic emulsion 1-50200
- Jonathan, J.M.C. Deformation interferometry by pattern recognition process 1-1532
- Jonathan, J.M.C., May, M. Application of the Weigert effect to optical processing in partially coherent light 1-28091
- Joncas, G. Analysis of one of the characteristics of the Ap stars: The 5200 Å depression 1-54514
- Joncas, G., Borra, E.F. A photoelectric search for Ap stars in the Orion association 1-49675
- Jonckheere, A., Nelson, C., Collick, B., Heppelmann, S., Makdisi, Y., Marshak, M., Peterson, E., Rudnick, K., Berg, D., Chandee, C., Cihangir, S., Ferbel, T., Huston, J., Jensen, T., Lobkowicz, F., McLaughlin, M., Oshima, T., Slattery, P., Thompson, P. Enhanced 200 GeV/c K^+ beam using beryllium filter 1-51013
- Jonckheere, A. *see* Berg, D. 1-28320
- Jonckheere, A. *see* Collick, B. 1-45290
- Joneja, S.K. *see* Agarwal, B.D. 1-26615
- Jonelius, S., Pranevicius, L., Valatka, R. Applications of surface acoustic waves to the study of the properties of surface layers and deposits 1-20542
- Jones, A. *see* Walsh, P.T. 1-40816
- Jones, A.G. Geomagnetic induction studies in Scandinavia. I. Determination of the inductive response function from the magnetometer array data 1-35934
- Jones, A.L. *see* Fisher, P.D. 1-40798
- Jones, A.R. The application of sensitized lithium fluoride TLDs to personnel and environmental dosimetry 1-6050
- Jones, A.R. The influence of size and refractive index on the emissivity of clouds of particles 1-41583

- Jones, A.R. Pocket warning γ -dosimeter with numerical display 1-50977
- Jones, A.R. Wide range survey meter for estimating γ - and β -dose rates 1-50978
- Jones, A.R. see Chan, A.K.F. 1-25006
- Jones, A.T., McMordie, J.A. Thermal blooming of continuous wave laser radiation 1-41792
- Jones, A.V. Computers and scanning microscopes. Present and future trends 1-50278
- Jones, A.V., Unitt, B.M. Computers in scanning microscopy 1-14220
- Jones, B., Merrill, K.M., Stein, W., Willner, S.P. The dependence of the 8-13 micron spectrum of NGC 7027 on position in the nebula 1-49752
- Jones, B. see Blasco, D. 1-54140
- Jones, B. see Galvin, G.D. 1-38028
- Jones, B.E., Zia, K. Digital displacement transducer using pseudo-random binary sequences and a microprocessor 1-36629
- Jones, B.F. Proper-motion membership probabilities for Pleiades flare stars 1-54570
- Jones, B.F., Mottram, D.A.J. Calculations of radiation transport and temperature profile in a metal halide lamp containing sodium 1-38193
- Jones, B.G., Nithianandam, C.K., Volpenheim, E.C., Spencer, B.W. Modeling the covalency of TOP-generated porous heat generating blockages in LMFBR subassemblies 1-5968
- Jones, B.G. see Hassan, Y.A. 1-19802
- Jones, B.G. see Shiu, K.K. 1-28538
- Jones, B.G. see Spencer, B.W. 1-10470
- Jones, B.G. see Volpenheim, E.C. 1-45685
- Jones, B.J.T., Jones, J.E. Is C IV λ 1549 a standard cosmic candle? 1-13879
- Jones, B.J.T., Rees, M.J. The epoch of galaxy formation 1-9681
- Jones, B.K. Temperature dependence of low-frequency electrical noise in silicon resistors [in field effect devices] 1-47719
- Jones, B.M.R., Penkett, S.A. Improvements to a flame photometric detector to allow measurement of sulphur gases in ambient air 1-48776
- Jones, B.W. A solar power system (Prometheus) to provide 100 per cent of low-grade heat needs 1-13160
- Jones, C. see Forman, W. 1-54642
- Jones, C. see Sacharidis, E.J. 1-50469
- Jones, C.A. Nonlinear Taylor vortices and their stability 1-46755
- Jones, C.B., Lawson, R.I. XRDPLT: a FORTRAN IV program for the graphical representation of X-ray powder diffraction data 1-46955
- Jones, C.E., Uchersohn, J. Quadratic mass relations in topological bootstrap theory 1-23485
- Jones, C.E. see Polla, D.L. 1-34658, 1-42713
- Jones, C.F., Segall, R.L., Smart, R.St.C., Turner, P.S. Initial dissolution kinetics of ionic oxides 1-30400
- Jones, C.H., Hewitt, A.E. A test phantom for radiotherapy simulators and rotational treatment units 1-26977
- Jones, C.M. see Alton, G.D. 1-46104
- Jones, C.M. see Auble, R.L. 1-23907
- Jones, C.M. see Brockman, H.L. 1-32967
- Jones, C.R. see Nelson, L.Y. 1-33663, 1-46315
- Jones, D. Latitudinal beaming of planetary radio emissions 1-22718
- Jones, D. see Chiou, W. 1-53549
- Jones, D. see Distefano, G. 1-19132
- Jones, D. see Thomas, G.H. 1-23466
- Jones, D.B.L. see Thomsen, D.J. 1-18820
- Jones, D.C.L., Krebs, J.S., Sasmore, D.P., Mitoma, C. Evaluation of neonatal squirrel monkeys receiving tritiated water throughout gestation 1-26955
- Jones, D.E., Tsurutani, B.T., Smith, E.J., Walker, R.J., Sonett, C.P. A possible magnetic wake of Titan: Pioneer 11 observations 1-40399
- Jones, D.E. see Smith, E.J. 1-40385
- Jones, D.E. see Smith, P.A. 1-40621
- Jones, D.H. see Bennett, R.A. 1-18807, 1-23743
- Jones, D.H.P., Heck, A., Dawe, J., Clube, S.V.M. Tests of two different maximum likelihood algorithms for determining statistical parallaxes 1-17817
- Jones, D.H.P., Sinclair, J.E., Alexander, J.B. Narrow-band photometry of faint red stars. I 1-44438
- Jones, D.L. see Coney, P.J. 1-22292
- Jones, D.M., Stephenson, A., Hendry, A., Jack, K.H. Strengthening by mixed cluster formation in nitrated low-alloy steels 1-21468
- Jones, D.P., Jackle, J., Phillips, W.A. Dispersion and the thermal conductivity of SiO_2 1-16003
- Jones, D.P., O'Connor, S.A., Riddle, H., Collins, J.V., Watson, B.W. A pressure-sensitive transistor spirometer for the assessment of human ventilatory capacity from forced expiratory manoeuvres 1-13338
- Jones, D.R.H. see Patterson, J. 1-43463
- Jones, D.R.T. Comment on the charge-renormalization effects of quartic scalar self-interactions 1-23448
- Jones, D.R.T. see Fung, M.K. 1-23092
- Jones, D.T.L. see Bartle, C.M. 1-51014
- Jones, D.W., McCullen, J.D., Dezenberg, G.J. Comment on 'Energy levels of singly ionized cesium (Cs II)' 1-1059
- Jones, D.W. see Chapman, J.N. 1-47921
- Jones, D.W. see Fort, D. 1-26383
- Jones, D.W. see Michaud, J.D. 1-53501
- Jones, E.D., Mykura, H. Diffusion of gallium into cadmium sulphide 1-20465
- Jones, E.F. see Laughlin, M.H. 1-22141
- Jones, E.G., Wu, R.L.C., Hughes, B.M., Tiernan, T.O., Hopper, D.G. Collisional studies of the excited state potential energy surfaces of HeH^+ : energy thresholds and cross sections for reactions of helium ions with hydrogen yielding H^+ , H_2^+ , H_3^+ , HeH^+ and $\text{H}^+(\text{n})$ 1-39608
- Jones, E.G. see Schmieder, D. 1-46296
- Jones, E.M., Smith, B.W., Straka, W.C. The effect of stellar structure on supernova remnant evolution 1-49783
- Jones, F.E. Simplified equation for calculating the refractivity of air 1-34039
- Jones, F.J., Tanner, B.K. A double axis X-ray diffractometer for magnetostriiction measurements 1-405
- Jones, G. see Albrecht, R.S. 1-16622
- Jones, G. see Gabathuler, K. 1-23681
- Jones, G., II, Bergmark, W.R., Halpern, A.M. Comment on 'Mechanism of photocycloaddition in α,ω -bis-(9-anthryl)-n-alkanes' 1-31872
- Jones, G.A. see Bhatti, A.R. 1-30065
- Jones, G.D., Ekstrom, L.P., Kearns, F., Morrison, T.P., Twin, P.J., Wadsworth, R., Ward, N.J., Collinge, B., Wilkinson, C.L. An on-line computer controlled time digitizer for half-life measurements 1-28816
- Jones, G.D. see Ekstrom, L.P. 1-666, 1-23587
- Jones, G.D. see Wadsworth, R. 1-663
- Jones, G.J. Photovoltaic central station applications: status and prospects 1-53621
- Jones, G.J. see Jirounek, P. 1-32106
- Jones, G.L., Prelas, M.A., Loyalka, S.K. Steady-state numerical solutions of complex plasma chemistry models 1-38058
- Jones, G.L. see Salvati, L., Jr. 1-16554
- Jones, G.M., Gartner, S. Comments on 'Pre-Tertiary velocities of the continents: A lower bound from paleomagnetic data' by R.G. Gordon, M.O. McWilliams, and A. Cox 1-9142
- Jones, G.R., Fang, M.T.C. The physics of high-power arcs 1-38173
- Jones, G.R., Young, I.M., Burgess, J.W., O'Hara, C., Whamroe, R.W. The growth and piezoelectric properties of $\text{Te}_2\text{V}_2\text{O}_9$ [for surface acoustic wave device application] 1-8005
- Jones, G.R. see Dhar, P.K. 1-15742
- Jones, G.R. see Leclerc, J.L. 1-15691, 1-34158
- Jones, H., Davies, P.B. A powerful new optically pumped FIR laser-formyl fluoride 1-41664
- Jones, H., Kurz, W. Growth temperatures and the limits of coupled growth in unidirectional solidification of Fe-C eutectic alloys 1-8297
- Jones, H. see Hudson, P.A. 1-36706
- Jones, H. see Sriharan, T. 1-21505
- Jones, H.F., Wyndham, J. The transverse momentum distribution of Drell-Yan pairs in perturbation theory 1-36846
- Jones, H.F. see Butcher, J.B. 1-5613
- Jones, H.M. see Beakes, J.H. 1-41169
- Jones, H.W. Computer-generated formulas for overlap integrals of Slater-type orbitals 1-10627
- Jones, H.W., Stredulinsky, D.C., Vermeulen, P.J. An experimental and theoretical study of the modelling of road traffic noise and its transmission in the urban environment 1-1760
- Jones, J. see Gardner, R.H. 1-36005
- Jones, J. see Harris, R.K. 1-26045
- Jones, J.A. see Bouville, A. 1-50914
- Jones, J. see Bredeon see Bredeon Jones, J.
- Jones, J.D. see Minnema, D.M. 1-51034
- Jones, J.D.C., Birkinshaw, K., Twiddy, N.D. Rate coefficients and production distributions for the reactions of OH^+ and H_2O^+ with N_2 , O_2 , NO , N_2O , Xe , CO , CO_2 , H_2S and H_2 at 300K 1-43649
- Jones, J.D.C., Raouf, A.S.M., Lister, D.G., Birkinshaw, K., Twiddy, N.D. Reactions of CO_2^{2+} at room temperature 1-43651
- Jones, J.D.C. see Raouf, A.S.M. 1-43665
- Jones, J.E. see Heaps, N.S. 1-32448
- Jones, J.E. see Jones, B.J.T. 1-13879
- Jones, J.J. see Barber, H.B. 1-36153
- Jones, J.P. Some developments in field emission techniques and their application 1-46963
- Jones, J.R. The design of an ultrasonic echo reinforcement system for the blind 1-17465
- Jones, K. see Baker, F.T. 1-28363
- Jones, K. see Williams, E.W. 1-4199
- Jones, K.A. see Cheng, C.H. 1-34590
- Jones, K.A. see Inoue, N. 1-43769
- Jones, K.B. see Dixon, R.N. 1-46043
- Jones, K.G. (editor) Webb Society deep-sky observer's handbook. Vol.3. Open and globular clusters 1-44722
- Jones, K.W. see Bradley, D.J. 1-18307
- Jones, K.W. see Sawbridge, P.T. 1-20259
- Jones, K.W. see Schuch, R. 1-19171
- Jones, L.H., Ekberg, S.A. Vibrational spectrum and potential constants for S_2F_{10} 1-1236
- Jones, L.H. see Schwalbe, L.A. 1-38454
- Jones, L.M., Kesler, S.E. Strontium isotopic geochemistry of intrusive rocks, Puerto Rico, Greater Antilles 1-13422
- Jones, L.M., Lassila, K.E., Sukhatme, U., Willen, D. Constraints from jet calculus on quark recombination 1-45230
- Jones, L.M., Makowiecki, D.M., Steward, S.A. Development of high-quality titanium-tritide targets for the rotating-target neutron source 1-6068
- Jones, L.R. see Wong, H.H. 1-45681
- Jones, M., Lauque, J.-P., Hammer, R.O. An introduction to the Meteosat image preprocessing and image navigation system. I 1-36061
- Jones, M. see Berge, J.P. 1-540
- Jones, M. see Statham, P.J. 1-23399
- Jones, M. see Van der Voo, R. 1-22213
- Jones, M.E., Thode, L.E. Intense annular relativistic electron beam generation in foilled diodes 1-10563
- Jones, M.K., Jenkins, W.J. Slurry calcination process for conversion of aqueous uranium and plutonium to a mixed-oxide powder 1-18844
- Jones, M.O. see Beagley, B. 1-46124
- Jones, M.O., Dos Reis, H.L.M. On the dynamic buckling of a simple elastic-plastic model 1-1851
- Jones, N.L. see Stubbing, D.G. 1-22032, 1-22033
- Jones, O.C., Jr. Flashing inception in flowing liquids 1-37921
- Jones, P.D. A homogeneous rainfall record for the Cirencester area, 1844-1977 1-32501
- Jones, P.G. see Behmel, P. 1-24122
- Jones, P.H. see DeLeon, R.L. 1-46001
- Jones, P.L., Mead, R.D., Kohler, B.E., Rosner, S.D., Lineberger, W.C. Photodetachment spectroscopy of C_2^- atomic photodetachment resonances 1-24195
- Jones, P.L. see Dimmey, L.J. 1-48182
- Jones, P.L. see Zalph, B.L. 1-38778
- Jones, P.M., Haste, T.J. The effect of mechanical restraint on the deformation of Zircaloy cladding 1-48452
- Jones, R. Fusion reactor start-up by RF cavity mode heating of a gas 1-5996
- Jones, R. The structure of kinks on the 90° partial in silicon and a 'strained-bond model' for dislocation motion 1-7171
- Jones, R. Preliminary observations of electrostatic endplugging in tandem cusp experiments 1-34107
- Jones, R. Fusional vergence: sustained and transient components 1-35785
- Jones, R., Callinan, R.J. A crack opening displacement approach to crack patching 1-37848
- Jones, R., Marklund, S. Structure and energy levels of the glide 60° partial in silicon 1-11747
- Jones, R.C. see Balfour, J.D. 1-28559
- Jones, R.C. see Fallows, T. 1-28585
- Jones, R.D., Aldrich, C.H., Lee, K. Laser induced density profiles in an isothermal plasma 1-51925
- Jones, R.E. Airline flight departure procedures—choosing between noise abatement, minimum fuel consumption and minimum cost 1-41914
- Jones, R.E., Vos, R.G. Development and evaluation of two non-linear shell elements 1-11301
- Jones, R.E., Jr., Anderson, G.C. Circular arc approximations of truncated CPC collectors 1-8676
- Jones, R.G. see Afsar, M.N. 1-36679
- Jones, R.G. see Farmer, J.F. 1-48871
- Jones, R.H. see Bruemmer, S.M. 1-26620
- Jones, R.K. see Meek, J.T. 1-1290
- Jones, R.L., Marston, T.U., Norris, D.M., Tagart, S.W. Overview of EPRI research on BWR recirculation piping integrity 1-45623
- Jones, R.L. see Syrett, B.C. 1-3970, 1-33296
- Jones, R.M. see Tulunay-Keesey, U. 1-32122
- Jones, R.N. Evaluation of three-terminal and four-terminal pair capacitors at high frequencies 1-50173
- Jones, R.N. see Cameron, D.G. 1-14184
- Jones, R.N. see Goplen, T.G. 1-14185, 1-16555
- Jones, R.N. see Ribbargard, G.K. 1-16616
- Jones, R.O. see Gunnarsson, O. 1-51145
- Jones, R.W. The development and properties of glass-ceramic fibres 1-8356
- Jones, R.W. A three-dimensional tropical cyclone model with release of latent heat by the resolvable scales 1-17658
- Jones, R.W. see Cason, C.C. 1-46394
- Jones, S.W., Epstein, M., Gabor, J.D., Cassulo, J.C., Bankoff, S.G. Investigation of limiting boiling heat fluxes from debris beds 1-45690
- Jones, T.A., Stockard, J.J., Weidner, W.J. The effects of temperature and acute alcohol intoxication on brain stem auditory evoked potentials in the cat 1-4291
- Jones, T.A. see Walsh, P.T. 1-40816
- Jones, T.C., Halstead, T.K., Buschow, K.H.J. ^1H nuclear magnetic resonance studies of $\text{HfRhH}_{1.2}$ and $\text{HfCoH}_{1.3}$: structure and diffusion 1-3280

- Jones, T.J., Hyland, A.R., Robinson, G., Smith, R., Thomas, J. Infrared observations of a Bok globule in the Southern Coalsack 1-49751
- Jones, T.M. *see* Rapier, A.C. 1-5840, 1-5841
- Jones, T.P. *see* Bentley, R.E. 1-7594
- Jones, T.W., Rudnick, L., Owen, F.N., Puschell, J.J., Ennis, D.J., Werner, M.W. The broad-band spectra and variability of compact nonthermal sources 1-54646
- Jones, T.W. *see* Enriques, O. 1-23490
- Jones, V.O. *see* Knotek, M.L. 1-38664
- Jones, W. Earnshaw's theorem and the stability of matter 1-39
- Jones, W. Electromigration under configuration-dependent driving forces 1-7362
- Jones, W. *see* Murray, T. 1-21846
- Jones, W.B., Van Den Avyle, J.A. Substructure and strengthening mechanisms in 2.25 Cr-1 Mo steel at elevated temperatures 1-8386
- Jones, W.B. *see* Rohde, R.W. 1-26532
- Jones, W.E., Krishnamurty, G. Tentative analysis of the spectrum of vanadium monofluoride 1-1246
- Jones, W.E., McLean, T.D. The electronic spectrum of bismuth monofluoride. An $O^+ \rightarrow X_1^0$ band system at 3838 Å 1-24120
- Jones, W.E. *see* Burkholder, D. 1-14823
- Jones, W.G. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Jones, W.L. *see* Wright, J.W. 1-13476
- Jones, W. Linwood *see* Linwood Jones, W.
- Jones, W.M., Trevena, D.H. A thermomechanical study of a water-steel Berthelot tube system 1-6895
- Jones, W.M. *see* Balci, M. 1-51306
- Jones, W.P. *see* Bacher, A.D. 1-23542
- Jones, W.P. *see* Bertrand, F.E. 1-14502, 1-45550
- Jones, W.P. *see* Kelly, J. 1-28388
- Jones, W.P. *see* Scott, A. 1-5768
- Jones, W.R., Jr., Snyder, C.E., Jr. Boundary lubrication, thermal and oxidative stability of a fluorinated polyether and a perfluoropolyether triazine 1-31669
- Jong, B.A. *de* *see* de Jong, B.A.
- Jong, B.W. Effect of additives on sintering of silicon nitride-alumina compositions 1-48312
- Jong, G. *de* *see* de Jong, G.
- Jong, H.F. *de* *see* de Jong, H.F.
- Jong, J.E. *de* *see* de Jong, J.E.
- Jong, J.E. *de* *see* de Jong, J.E.
- Jong, K.P. *de* *see* de Jong, K.P.
- Jong, M.H. *de* *see* de Jong, M.H.
- Jong, T. *de* *see* de Jong, T.
- Jong Shin Hyun *see* Hyun Jong Shin
- Jong Wang Maw *see* Maw Jong Wang
- Jong-Mo Chan *see* Chan Jong-Mo
- Jong-Sang Kwon, Jin Tae Song. The effect of thermomechanical treatment on the strength and toughness of structural steel 1-35286
- Jong-Sen Lee, Meier, R.R. Angle-dependent frequency redistribution in a plane-parallel medium: external source case 1-9352
- Jongbloets, H.W.H.M., van de Steeg, M.J.H., Stoelinga, J.H.M., Wyder, P. Magnetic field dependence of photothermal conductivity spectra in the far infrared of the boron acceptor in germanium 1-3008
- Jonge, W.J.M. *de* *see* de Jonge, W.J.M.
- Jongejans, B. *see* Mazzucato, M. 1-50462
- Jongen, Y. *see* Bechtold, V. 1-28767
- Jongerius, J. *see* Daum, C. 1-28357
- Jongerius, M.J., Van Bergen, A.R.D., Hollander, T.J., Alkemade, C.T.J. An experimental study of the collisional broadening of the Na-D lines by Ar, N₂, and H₂ perturbers in flames and vapor cells. I. The line core 1-19050
- Jongerius, R.T. *see* Daum, C. 1-14736
- Jongh, H.J. *de* *see* de Jongh, H.J.
- Jongh, L.J. *de* *see* de Jongh, L.J.
- Jonghe, W.R.A. *de* *see* de Jonghe, W.R.A.
- Jongkind, W. *see* van den Bosch, P.P.J. 1-44409
- Jongsma, H.J. *see* Eijkman, E.G.J. 1-32126
- Jonker, M., Panman, J., Udo, F., Allaby, J.V., Amaldi, U., Barbiellini, G., Baroncelli, A., Cocconi, G., Fliegel, W., Gall, P.D., Kozanek, W., Longo, E., Mess, K.G., Metcalf, M., Meyer, J., Orr, R.S., Schneider, F., Wetherell, A.M., Winter, K., Busser, F.W., Grote, H., Heine, P., Kroger, B., Niebergall, F., Ranitzsch, K.H., Stahelin, P., Gorbunov, P., Grigoriev, E., Kaftanov, V., Khovansky, V., Rosanov, A., Biancastelli, R., Borgia, B., Bosio, C., Capone, A., Ferroni, F., Longo, E., Monacelli, P., de Notaristefani, F., Pistilli, P., Santoni, C. Experimental study of prompt neutrino production in 400 GeV proton-nucleus collisions 1-14432
- Jonker, M., Panman, J., Udo, F., Allaby, J.V., Amaldi, U., Barbiellini, G., Baroncelli, A., Blobel, V., Cocconi, G., Fliegel, W., Kozanek, W., Mess, K.H., Metcalf, M., Meyer, J., Orr, R.S., Schneider, F., Valente, V., Wetherell, A.M., Winter, K., Busser, F.W., Gall, P.D., Grote, H., Kroger, B., Metz, E., Niebergall, F., Ranitzsch, K.H., Stahelin, P., Gorbunov, P., Grigoriev, E., Kaftanov, V., Khovansky, V., Rosanov, A., Biancastelli, R., Borgia, B., Bosio, C., Capone, A., Ferroni, F., Longo, E., Monacelli, P., de Notaristefani, F., Pistilli, P., Santoni, C. Experimental study of neutral-current and charged-current neutrino cross sections 1-45258
- Jonker, M. *see* Diddens, A.N. 1-14747, 1-23998
- Jonkman, H.T., Michl, J. Secondary ion mass spectrometry of small molecules held at cryogenic temperatures 1-29148
- Jonscher, A.K., Dissado, L.A., Hill, R.M. Comments on many-body dielectric relaxation in solids 1-26118
- Jonsson, B. *see* Azuma, R.E. 1-14498
- Jonsson, B. *see* Ewan, G.T. 1-36929
- Jonsson, B. *see* Ganzorig, Dz. 1-23697
- Jonsson, H.L. *see* Borchert, G.L. 1-23940
- Jonsson, M., Franz, J.R. Simple theory for alloy density of states and conductivity including local atomic configurations 1-20604
- Jonsson, M. *see* Franz, J.R. 1-25605
- Jonsson, M. *see* Girvin, S.M. 1-20336
- Jonsson, A. *see* Grill, S.F. 1-50732
- Jonsson, B. *see* Gestblom, B. 1-286
- Jonsson, G. *see* Bjärle, C. 1-40292
- Jonsson, G.G. *see* Gann, A.V. 1-18645
- Jonsson, N.B.-H. *see* Sudmeier, J.L. 1-19220
- Jonsson, N.G. *see* Backlin, A. 1-33211
- Jonsson, S. *see* Friederich, K.M. 1-8278
- Jonusauskas, S.L., Kupliauskas, A.V., Kupliauskis, Z.J. Rayleigh and Compton cross-section of photon scattering by chromium atom and ions 1-19067
- Joo, I., Csati, E., Jovanovic, P., Popescu, M., Somov, V.I., Thurm, H., Thury, J., Totomanov, I.N., Vanko, J., Wyrzykowski, T. Recent vertical crustal movements of the Carpatho-Balkan region 1-54057
- Joo Chang-Sung *see* Chang-Sung Joo
- Joon-Sung Chang, Chun-Woo Nham, Kie-Hyung Chung. Performance of CO₂ laser and production of LiH plasma 1-46384
- Joos, B., Haller, E.E., Falicov, L.M. Donor complex with tunneling hydrogen in pure germanium 1-2912
- Joos, P., Rillaerts, E. Theory on the determination of the dynamic surface tension with the drop volume and maximum bubble pressure methods 1-38623
- Joos, P. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Joos, P. *see* Drews, G. 1-10229
- Joos, W. *see* Arnold, F. 1-54199
- Joplin, G.F. *see* Talbot, I.C. 1-26945
- Jopling, D.G. *see* Lavi, A. 1-8741
- Jonson, R.M., Larson, D.J. Optically probed microwave resonances in negative ions 1-28911
- Joraida, A.A. Magnetostriction of Gd-Tb alloys 1-21029
- Joranger, E. *see* Rahn, K.A. 1-9215
- Jorch, H.H. *see* Schulte, C.W. 1-6078
- Jorda, J.L., Flukiger, R., Junod, A., Muller, J. Metallurgy and superconductivity in Nb-Al 1-52682
- Jorda, J.L., Flukiger, R., Muller, R. A new metallurgical investigation of the niobium-aluminum system 1-31422
- Jorda, J.L. *see* Haenssler, F. 1-34475
- Jordan, A. Nonlinear mathematical model of an oscillatory measuring transducer 1-1820
- Jordan, C., Bartoe, J.-D.F., Brueckner, G.E. Stark effect at the Si I series limit 1-17799
- Jordan, C. *see* Brown, A. 1-49655
- Jordan, E.L. *see* Hermann, R.A. 1-50840
- Jordan, K.D. *see* Yoshioka, Y. 1-33387
- Jordan, M. *see* Hanson, R.C. 1-42465
- Jordan, M.C. *see* Shay, T.M. 1-37479
- Jordan, M.P., Solymar, L. Reflection-type volume phase holograms of constant modulation and varying shape 1-33643
- Jordan, M.P. *see* Russell, P.S.T. 1-1526
- Jordan, P.F. On lifting surfaces in unsteady flow 1-29713
- Jordan, R.M., Siska, P.E. On a close correspondence between inversion methods for atom-molecule and symmetric exchange scattering 1-41452
- Jordan, R.M. *see* McCartney, D.G. 1-8295, 1-8296
- Jordan, R.W. The effect of stress, frequency, curing, mix and age upon the damping of concrete 1-48406
- Jordan, T.F., Baker, J.R. Vertical structure of time-dependent flow dominated by friction in a well-mixed fluid 1-32474
- Jordan, T.H. *see* Okal, E.A. 1-27087
- Jordan, T.H. *see* Schroeder, L.W. 1-48090
- Jordan, T.H. *see* Silver, P.G. 1-49225
- Jordan, T.H. *see* Sipkin, S.A. 1-27071
- Jordanov, I.D. *see* Kukulyanu, V. 1-23747
- Jordanova, I.D., Ilieva, K.D., Bidikov, S.I. Fast neutron spectra from a 14 MeV source in hybrid reactor systems materials. II 1-23929
- Jordanova, I.D., Mikhailov, M.N., Khristov, V.I. Fast neutron spectra from a 14 MeV source in hybrid reactor systems materials. I 1-23928
- Jordao, W. *see* Ciarlini, R.M. 1-53544
- Jorgens, H., Korten, K. Failure of fluorocarbon polymer O-rings by wear 1-8520
- Jorgensen, C.K. Refining the parameters of the refined spin-pairing energy description [lanthanides] 1-24057
- Jorgensen, C.K. Suggestions for new four-level lasers 1-29301
- Jorgensen, C.K. *see* Boulon, G. 1-8107
- Jorgensen, J.D. Time-of-flight neutron powder diffraction at pressures to 35 kilobars 1-30003
- Jorgensen, J.D., Clark, J.B. Structural parameters for the suspected pressure-induced electron transition in InBi 1-38362
- Jorgensen, J.-P. *see* Claesson, O. 1-43012
- Jorgensen, N.T. Ole Romer's meridian circle and Peder Horrebow's treatment of meridian observations 1-44448
- Jorgensen, O. Solar energy applications for dwellings; modelling and simulation part. Descriptions of simulation codes and monthly tables 1-21862
- Jorgensen, P. *see* Albertsen, P. 1-10624
- Jorgensen, P. *see* Nielsen, E. 1-33506
- Jorgensen, P. *see* Yeager, D.L. 1-6141
- Jorgensen, P.J. Oxidation-controlled aging of SmCo₅ magnets 1-53305
- Jorgensen, T.S. *see* Nath, N. 1-27336
- Jorgenson, J.D., Rotella, F.J., Mueller, M.H. High resolution powder diffraction at Argonne's ZING-P² prototype pulsed neutron source 1-30005
- Jori, G. The molecular biology of photodynamic action 1-35748
- Jori, G., Rubaltelli, F., Rossi, E. Photoinduced modification of human serum albumin during phototherapy of jaundiced newborns 1-35826
- Jorna, S., Metzler, N., Hammerling, P. Dependence of target yield on input energy profile 1-28701
- Jornada, J.A.H. *de* *see* da Jornada, J.A.H.
- Jorne, J. *see* Kralik, D. 1-31866
- Jorrens, C. *see* Scheubeck, E. 1-39703
- Jorstad, N.D. *see* Rishell, L. 1-26823
- Jortner, J. Dynamics of the primary events in bacterial photosynthesis 1-48702
- Jortner, J. *see* Amirav, A. 1-6332, 1-24202
- Jortner, J. *see* Buhs, E. 1-48944
- Jortner, J. *see* Weissman, Y. 1-36529, 1-51097
- Jory, H., Evans, S., Moran, J., Shively, J., Stone, D., Thomas, G. 200 kW pulsed and CW gyrotrons at 28 GHz 1-42188
- Jose, J. *see* Becia, R. 1-31905
- Jose, J.V. *see* Hirsch, J.E. 1-25964
- Jose Yacamán, M., Romeu, D. On the core spreading of dislocations in high angle boundaries 1-25279
- Josefowicz, J.Y., Yang, C.C. Electrical properties of particle migration microfilm 1-3005
- Josefowicz, J.Y. *see* Chung-Ching Yang 1-31373
- Josefowicz, M. *see* Graneli, A. 1-48755
- Josesson, A. *see* Janson, M. 1-21368
- Joseph, A. *see* Peshew, V.B. 1-54270
- Joseph, B.J. *see* May, R.A. 1-41208
- Joseph, D.D. Boundary conditions for thin lubrication layers 1-29646
- Joseph, D.D. Some inequalities in the theory of simple fluids 1-33943
- Joseph, D.D. An integral invariant for jets of liquid into air 1-51836
- Joseph, D.D. *see* Trogon, S.A. 1-51840
- Joseph, D.W. *see* Campbell, W.B. 1-14246
- Joseph, H.I., Adams, H.C. Extension of weakly nonlinear theory of solitary wave propagation 1-36502
- Joseph, J.P. *see* Lieb, J. 1-26888
- Joseph, K.B., Nair, M.N.S. A phenomenological bag model with variable bag pressure 1-45234
- Joseph, P.M., Schulz, R.A. View sampling requirements in fan beam computed tomography 1-26989
- Joseph, P.M., Spital, R.D., Stockham, C.D. The effects of sampling on CT images 1-32231
- Joseph, P.S. *see* Gopinathan, C.K. 1-54113
- Joseph, R.D. *see* Treves, A. 1-49720

- Joseph, R.I. Internal consistency of weakly non-linear theories of solitary waves 1-36503
- Joseph, T.R. *see* Chen, B. 1-24533
- Joseph, T.R. *see* Ranganath, T.R. 1-41892
- Josephic, P.H. *see* Oriani, R.A. 1-26560
- Josephs, R.M., Stein, B.F., Callen, H., Bekebrede, W.R. Angular dependence of site preference in growth-induced anisotropy 1-7920
- Josephson, W.D. *see* Krakow, W.T. 1-43052
- Josephson, W.D. *see* Roberts, L.D. 1-33428
- Joshi, A.W. *see* Singh, O.M. 1-29821
- Joshi, B.D. *see* Dalvi, A.G.I. 1-1041
- Joshi, B.D. *see* Sastry, M.D. 1-31024, 1-42532
- Joshi, C., Corkum, P.B. Generation of gigawatt subnanosecond 1.06 μ m pulses by regenerative amplification in Nd:glass 1-41730
- Joshi, C. *see* Ebrahim, N.A. 1-19922, 1-38126
- Joshi, D.C., Rajput, B.S. Reduction and second quantization of generalized electromagnetic fields for non-zero mass system 1-28245
- Joshi, G.C. *see* Belyea, C.I. 1-33180
- Joshi, G.C. *see* Ellis, R.G. 1-33185
- Joshi, G.K. *see* Misra, S.N. 1-51197
- Joshi, G.M., Pai, M., Harrison, H.R., Sandberg, C.J., Aragon, R., Honig, J.M. Electrical properties of undoped single CoO crystals 1-30747
- Joshi, I.D., Sharma, D. Preparation and properties of CdS sintered layers 1-53118
- Joshi, J.B. *see* Dawar, A.L. 1-48190
- Joshi, M.B. *see* Deshpande, L.V. 1-328, 1-3348, 1-39056
- Joshi, M.C. *see* Asundi, V.K. 1-7393
- Joshi, M.M. *see* Gopal, R. 1-14910
- Joshi, M.N., Singal, A.K. Ooty lunar occultation survey. List 9 1-32632
- Joshi, M.S., Antony, A.V., Mohan Rao, P. Microhardness investigations on potassium dihydrogen phosphate crystals 1-20311
- Joshi, M.S., Kotru, P.N., Vagh, A.S. Distinction between topography of prism faces of natural and cultured quartz crystals 1-42385
- Joshi, M.S., Mohan Rao, P., Antony, A.V. Microtopographical studies of n-faces of natural analcite crystals 1-11961
- Joshi, M.S., Mohan Rao, P., Antony, A.V. Microtopographical studies of 'a'-faces of natural analcite crystals 1-42386
- Joshi, M.S., Singh, T.P., Trivedi, S.G. Crystal data for barium iodate monohydrate 1-30178
- Joshi, M.S., Trivedi, S.G. Growth of calcium iodate crystals by gel method 1-53076
- Joshi, N.E. *see* Saraykar, R.V. 1-29641, 1-29791
- Joshi, N.V. On the interpretation of extrinsic photoconductivity spectrum 1-30778
- Joshi, P., Khare, A. An exactly solvable quarkonium model and lower bounds on 3p_j decay rates 1-23475
- Joshi, P.B. *see* Schetz, J.A. 1-15521
- Joshi, P.S. Space-time singularities and microwave background radiation 1-9751
- Joshi, R.V., Chaudhari, R.T. Thermoluminescence of variously pretreated KBr:Ti phosphors 1-43191
- Joshi, S.D., Bergles, A.E. Experimental study of laminar heat transfer to in-tube flow of non-Newtonian fluids 1-37916
- Joshi, S.K. *see* Das, S.K. 1-47899
- Joshi, S.K. *see* Lal, R. 1-7221
- Joshi, Y.N., van Kleef, T.A.M. Ninth spectrum of iodine: I IX 1-28913
- Joshi, Y.N. *see* van Kleef, Th.A.M. 1-1158, 1-37149
- Joshua, S.J., Deonarine, S. Symmetry analysis of some properties of Ni^{2+} ions in the planar antiferromagnet K_2NiF_6 and the canted-spin antiferromagnet NiF_2 1-2379
- Josimov, G. *see* Jokić, T. 1-28768
- Josland, G.D. *see* Dyke, J.M. 1-33436
- Joslin, C.G. *see* Buckingham, A.D. 1-3315
- Jospin, R.J. *see* Feijoo, R.A. 1-11300
- Joss, P.C. *see* Johnston, M.D. 1-49762
- Joss, P.C. *see* Li, F.K. 1-17907
- Josse, F., Vetelino, J.F. Acoustic wave properties and device characterization of 55°-rotated y-cut quartz 1-46621
- Jost, J.W. *see* Lawrence, L.A. 1-45615
- Jost, K.H., Schneider, M. Structure of phosphorus (III,V) oxide P_2O_5 1-30162
- Jostes, R.F., Bushnell, K.B., Dewey, W.C. X-ray induction of 8-azaguanine-resistant mutants in synchronous Chinese hamster ovary cells 1-4337
- Jostlein, H. *see* Ito, A.S. 1-45373
- Jostlein, H. *see* Koepke, K. 1-51008
- Jotaki, T. *see* Tomita, Y. 1-51851
- Jou, D., Perez-Garcia, C. On a Ginzburg-Landau constitutive equation for the evolution and fluctuations of the heat flux 1-23136
- Jouanna, P., Bouilleau, M., Paterasu, V. Critical study of the application of asymptotic methods in fracture mechanics. Example of crack opening in a beam in pure bending 1-24753
- Jouanneau, A. *see* Casanova, A. 1-26651
- Jouanneau, J.M. *see* Etcheber, H. 1-27207
- Jouannic, C. *see* Taylor, F.W. 1-22286
- Joubert, J.C. *see* Bochu, B. 1-15878
- Jouchoux, A., Vial, J.C., Artzner, G.E., Gouttebroze, P., Lemaire, P. Solar H I Ly α far wing measurement 1-40448
- Joud, J.C. *see* Favre-Bonte, M. 1-30045
- Joud, J.C. *see* Goumiri, L. 1-30527
- Joud, J.-C. *see* Eustathopoulos, N. 1-7432
- Jouffrey, B. What can be done with high voltage electron microscopy? 1-40906
- Jouffrey, B. *see* Ballardore, J.L. 1-15770
- Jouffrey, B. *see* Dorignac, D. 1-50282
- Jouffrey, B. *see* Fnaiech, M. 1-38370
- Jouffrey, B. *see* Soum, G. 1-42267
- Jouffrey, B. *see* Tanaka, M. 1-15765
- Jouini, A., Dufour, L.-C. Application of the floating zone technique to monocrystal growth of $CoNi_{1-x}O$ 1-3619
- Joukoff, B. *see* Boudou, A. 1-3405
- Joullie, A., Eddin, A.Z., Girault, B. Temperature dependence of the L_6^2 - I_6^2 energy gap in gallium antimonide 1-48037
- Joullie, A. *see* Gautier, P. 1-35193
- Joullie, A. *see* Guglielmaci, J.M. 1-42642
- Joung, K.O. *see* van der Bilt, A. 1-3156
- Joung Soo Kim *see* Dong Hyung Lee 1-12799
- Journiaux, B. *see* Bouissieres, G. 1-4131
- Jourdain, G., Tsirtas, G. Optimal receivers over randomly time and frequency dispersive channels—multipath case 1-46645
- Jourdain, G. *see* Henrioux, J.P. 1-24581
- Jourdain, J.C. *see* Bachelier, D. 1-23688
- Jourdain, J.-L., Laverdet, G., Le Bras, G., Combourieu, J. Kinetic study by EPR and mass spectrometry of the elementary reactions of phosphorus trichloride with H and O atoms and OH radicals 1-33415
- Jourdain, J.Y., Lambert, P. Acoustic transmission of monochromatic signals 1-24580
- Jourdain, M. *see* De Polignac, A. 1-7998, 1-8002
- Journaux, Y. *see* Jaud, J. 1-47058
- Jousset, J. *see* Courau, A. 1-14440
- Jousset, J.C. *see* Audouard, A. 1-34370
- Jousset, J.C. *see* Dunlop, A. 1-2523
- Jouve, H., Delaye, M.T. The influence of the drive layer thickness in ion implanted bubble circuits 1-7916
- Jouve, H., Gerard, P., Luc, A. Annealing phenomena in ion implanted bubble circuits 1-7915
- Jouve, H. *see* Suran, G. 1-12363
- Jouve, P. *see* Delahaigie, A. 1-37545
- Jouve, P. *see* Marche, P. 1-36028
- Jouve, P. *see* Secroun, C. 1-45952
- Jouve, P. *see* Thiebaux, C. 1-37505
- Juvet, C., Soep, B. Selective electronic relaxation in the supersonic expansion: rotationally resolved intersystem crossing in 1A_1 glyoxal 1-10810
- Juys, J.C. *see* Andre, M. 1-51469
- Jovanovic, D., Vukovic, S. Surface wave instability in bounded magnetized plasma with inhomogeneous particle stream 1-42154
- Jovanovic, I. Calculator based system for complex vibro-acoustic research 1-29488
- Jovanovic, I. *see* Dzbur, A. 1-29801
- Jovanovic, J., Askovic, R. Universal equations for a second approximation to the boundary layer 1-37868
- Jovanovic, M. *see* Djuric, B. 1-3759
- Jovanovic, P. *see* Joo, I. 1-54057
- Jovanovic, S., Reed, G.W., Jr. Hg and Pt-metals in meteorite carbon-rich residues: suggestions for possible host phase for Hg 1-40435
- Jovanovich, J.V. *see* Smith, C.A. 1-18651
- Jovic, D., Davidovic, M., Chaturvedi, D.K. The transport coefficient for non-transition elements [liquid metals] 1-30692
- Jowett, J. *see* Barr, P. 1-839
- Joy, D.C., Maher, D.M. The electron energy loss spectrum—facts and artefacts [thin film chemical microanalysis] 1-17141
- Joy, E.C. *see* George, J. 1-38872
- Joy, M.L.G., Renaud, L., Gilday, D.L. Fourier multiaperture emission tomography. Quantum noise calculations 1-53877
- Joy, M.L.G. *see* Goulet, P. 1-8994
- Joyasuriya, D.A.R. *see* Medeiros-Filho, F.C. 1-36024
- Joyce, B.A. *see* Harris, J.J. 1-47413
- Joyce, B.A. *see* Larsen, P.K. 1-35142
- Joyce, G. *see* Knorr, G. 1-19950
- Joyce, G. *see* Marcus, A.J. 1-19943
- Joyce, J.A., Hasson, D.F. Characterization of transition temperature behavior of HY130 steel by the J_0 fracture toughness parameter 1-26584
- Joyce, J.A. *see* Gudas, J.P. 1-48642
- Joyce, R.R. *see* Fischer, J. 1-4955
- Joyce, R.R. *see* Ridgway, S.T. 1-22774
- Joyce, T. *see* Berg, D. 1-28320
- Joyce, T. *see* Collick, B. 1-45290
- Joyes, P., Ortolì, S. Taking account of electronic correlations in small aggregates by the Gutzwiller method 1-30654
- Joyner, R.W. *see* Isa, S.A. 1-17097
- Joyner, R.W. *see* Sharp, G.H. 1-8834
- Joynes, G.M.S., Wiseman, R.B. Techniques for single mode selection and stabilisation in helium-neon lasers at 1.15 μ m wavelength 1-41740
- Joynes, R. *see* Jarvis, R.G. 1-45720
- Jozefini, P., Vel'ky, M., Dolezal, J. Behaviour of cracks in creep 1-39400
- Ju, F.D. *see* Chih-Cheng Ma 1-51698
- Ju, K. *see* Hirko, R. 1-7918
- Ju-fu Lu *see* Lu Ju-fu
- Ju-Sheng Yu *see* Yu Ju-Sheng
- Juang Yau Huang *see* Chung Len Lee 1-6682
- Juarez W., S.R. *see* Garcia, A. 1-554
- Jubert, A.H. Recombination constants calculation of reactions between fluorine atoms and O_2 , CO , NO_2 , SO_3 , FSO_3 , ClO_2 , NF_2 , and ClF 1-8596
- Juchniewicz, R. *see* Jankowski, J. 1-43548
- Juchnowski, I.N. *see* Kaneti, J. 1-14886
- Jucys, A.-A.A. *see* Sabaliauskas, L.J. 1-41060
- Jud, K., Kausch, H.H., Williams, J.G. Fracture mechanics studies of crack healing and welding of polymers 1-39429
- Judd, B.R. The Hall effect in the context of nineteenth-century physics 1-32830
- Judd, B.R. The non-compact group $O(2,1)$ and the Jahn-Teller effect 1-38754
- Judd, D.M. *see* Hoftiezer, J.H. 1-41142
- Judd, R.E., Crist, B. Light scattering studies of structure in glassy poly(methyl methacrylate) 1-47001
- Judd, R.L., Lavdas, C.H. The nature of nucleation site interaction 1-37925
- Judge, A., Nebe, J. High-shrinkage polypropylene fibre 1-7091
- Judge, A.S. *see* Wright, J.A. 1-54019
- Judge, D.L. *see* Wu, F.M. 1-40400
- Judge, J.S. *see* Baker, T.E. 1-12904
- Judge, R.H. *see* Clouthier, D.J. 1-14864
- Judy, P.F., Adler, G. Comparison of equivalent photon energy calibration methods in computed tomography 1-22120
- Judy, P.F., Swenson, R.G., Szulc, M. Lesion detection and signal-to-noise ratio in CT images 1-40001
- Jue-hui Chu *see* Chu Jue-hui
- Juegens, R.C. The sample problem. A comparative study of lens design programs and users 1-51588
- Jug, K., Nanda, D.N. SINDO1. II. Application to ground states of molecules containing carbon, nitrogen and oxygen atoms 1-37121
- Jug, K., Nanda, D.N. SINDO1. III. Application to ground states of molecules containing fluorine, boron, beryllium and lithium atoms 1-37122
- Jug, K. *see* Nanda, D.N. 1-37120
- Jugelt, W. *see* Ziebig, R. 1-26751
- Jugie, G. *see* Brisson, C. 1-10757
- Jugie, G. *see* Durand, M. 1-7972
- Juh Tseng Lue *see* Sen-Yen Shaw 1-279
- Juh Tzeng Lue, Dai Yuan Song, Ching-Kai Yeh. The plasma z-pinch effect on the I-V characteristic of fast discharge flash tubes 1-7015
- Juhász, C. *see* Datta, S. 1-21280
- Juhász, L. Breeding of fission material with accelerators 1-28681
- Juhl, B., Treumann, R.A. Adiabatic-drift-loss modification of the electromagnetic loss-cone instability for anisotropic plasma 1-9323
- Juhn Poong-Eil *see* Poong-Eil Juhn
- Juhug-Zuor Tien *see* Wu-Yang Chu 1-39512
- Jui-teng Lin, George, T.F. Dynamical model of selective versus nonselective laser-stimulated surface processes 1-21297
- Jui-teng Lin, George, T.F. Generalized Langevin theory of multiphoton absorption dynamics of polyatomic molecules and the nature of laser-selective effects 1-33526
- Juillen, J.-C. *see* Arnal, D. 1-1944
- Julesz, B. Texton, the elements of texture perception, and their interactions 1-53792
- Julesz, B. *see* Braddick, O. 1-22017
- Julesz, B. *see* Burt, P. 1-4282
- Julesz, B. *see* Miezin, F.M. 1-39917
- Julg, A. *see* Bollinger, J.-C. 1-24029
- Julg, A. *see* Del Re, G. 1-2824
- Juliao, J.F., Decker, F., Abramovich, M. Photoelectrolysis of water with natural mineral TiO_2 rutile electrodes 1-26754
- Juliao, J.F., Decker, F., Brenzikofer, R., Abramovich, M. Anomalous behavior on I-V characteristic curves of n- TiO_2 and n-Sr TiO_3 electrodes in aqueous solution 1-16358
- Juliao, J.F. *see* Butler, M.A. 1-48867
- Julien, J., Letourneau, R., Roussel, L., Legrain, R., Cassagnou, Y., Fonte, R., Palmeri, A. Coincidences between neutrons and γ rays emitted by pions stopped in ^{28}Si 1-41145
- Julien, J. *see* Bowles, T.J. 1-41144
- Julien, L., Pinard, M., Laloe, F. Hyperfine structure and isotope shift of the 640.2 and 626.6 nm lines of neon 1-1175
- Julien-Pouzol, M. *see* Alapini, F. 1-16760
- Julienne, P.S. *see* Basch, H. 1-37264
- Julin, R. *see* Backlin, A. 1-33211
- Julius, H.W., Busuoli, G. An extremity dosimeter system based on TLD 1-6053
- Julius, H.W. *see* de Planque, G. 1-6087
- Julien, J. *see* Courtieu, J. 1-52851
- Julien, R., Penson, K.A., Pfeuty, P., Uzelac, K. Real-space renormalization-group method for quantum systems 1-5228

- Julien, R.**, Pfeuty, P. Analogy between the Kondo lattice and the Hubbard model from renormalization-group calculations in one dimension 1-42945
- Julien, R.** see Benoit, A. 1-30898
- Julien, R.** see Uzelac, K. 1-20992, 1-27887
- Jumas, J.C.**, Olivier-Fourcade, J., Philippot, E., Maurin, M. On the system $\text{SnS}-\text{Sb}_2\text{S}_3$: structural study of $\text{Sn}_2\text{Sb}_2\text{S}_5$ 1-30155
- Jumas, J.C.** see Del Bucchia, S. 1-30154
- Jumblatt, M.M.** Intracellular potentials of cultured rabbit corneal endothelial cells: response to temperature and ouabain 1-35780
- Jun, J.H.** see Vento, V. 1-10178
- Jun Lu** see Lu Jun
- Jun Ming Zhou** see Baba, S. 1-16208
- Jun Wang** see Wang Jun
- Jun-peng Tan** see Tan Jun-peng
- Jun-sheng Guo** see Guo Jun-sheng
- Jun-Wei Chen, Ko, R.J.**, Brzezinski, D.W., Forbes, L., Dell'oca, C.J. Bulk traps in silicon-sapphire by conductance DLTS 1-52519
- Jun-yin Fan** see Fan Jun-yin
- Jun-zhi Cui** see Cui Jun-zhi
- Juncar, P.** see Liberman, S. 1-19057
- Juncos Del Egidio, P.** see Alvarez-Estrada, R.F. 1-15278
- Juncos Del Egidio, P.** see Calvo, M.L. 1-1525, 1-19463
- Jundanian, R.H.** see Meisner, J.S. 1-13342
- Jung, C.**, Taylor, H.S. Possibility of experimental separation of resonances and cusps from background in electron scattering 1-46136
- Jung, G.**, Pfeiffer, B., Hungerford, P., Scott, S.M., Schusser, F., Monnard, E., Pinston, J.A., Alquist, L.J., Wollnick, H., Hamilton, W.D. The level structure of ^9Y from the decay of ^9Sr 1-36904
- Jung, G.** see Blonnigen, F. 1-28784
- Jung, H.J.** The determination of rainfall rates from satellite measurements of the thermal microwave emission 1-22389
- Jung, H.-J.** see Moreno-Castillo, C. 1-35196
- Jung, J.**, Abdou, M.A. Radioactive inventories and material recyclability in a tokamak power reactor 1-18888
- Jung, J.**, Lojowski, W., Suski, T., Zawadzka, E., Lefeld-Sosnowska, M. Real structure of Si single crystals subjected to high hydrostatic pressure and temperature X-ray and electron microscopy methods 1-30409
- Jung, J.**, te Heesen, E., Mollerfeld, H. Material investigations for verification of the core catcher concept for SNR-300 1-5884
- Jung, M.** see Aston, D. 1-14399, 1-45297, 1-50442
- Jung, P.** Average atomic-displacement energies of cubic metals 1-38408
- Jung, R.** see Weissmantel, H. 1-43475
- Jung-Joong Lee** see Sommer, F. 1-31428
- Jung-sen Wu** see Wu Jung-sen
- Jung-Tai Lin** see Veenhuizen, S.D. 1-53542
- Jung-Woong Ra** see Chang-Sung Joo 1-19244
- Junga, F.A.** see Stultz, T.J. 1-2506
- Jungblut, H.** see Schmidt, W.F. 1-11493, 1-15577
- Jungclas, H.** see Lemmert, P. 1-28376
- Jungclaus, D.** see Buker, H. 1-14593
- Junge, C.** see Eichmann, R. 1-4552
- Junge, H.** see Beck, F. 1-35635
- Jungel, A.** see Polaschegg, H.D. 1-5337
- Jungen, Ch.**, Dill, D. Calculation of rotational-vibrational preionization in H_2 by multichannel quantum defect theory 1-1289
- Jungen, Ch.** see Gauyaco, D. 1-10623
- Jungen, Ch.** see Raoult, M. 1-19141
- Jungen, M.** A Gaussian basis for Rydberg orbitals 1-41298
- Jungen, M.** see Staemmler, V. 1-45874
- Jungers, W.L.**, Stern, J.T., Jr. Telemetered electromyography of forelimb muscle chains in Gibbons (*Hylobates lar*) 1-4260
- Junghanel, J.** see Volker, H. 1-32303
- Junghans, D.** Friction factor for flow of supercritical helium in a straight tube 1-42106
- Junghering, H.**, Scheingraber, H., Vidal, C.R., Puell, H.B. Resonant third-harmonic generation in a low-loss medium 1-15220
- Junginger, R.** see Struck, B.D. 1-17314, 1-39840
- Jungling, K.C.** see Humpherys, T.W. 1-30603
- Jungmann, K.** see Weber, E.W. 1-37350
- Jungnickel, B.-J.** Biaxial drawing and orientation of polymers. I. Theoretical and mathematical considerations 1-34401
- Jungowska-Klin, B.** Cumulative effect of X-ray radiation and inflammatory reaction on the circadian rhythm of tyrosine aminotransferase in the liver of mice 1-4328
- Jungwirth, E.** see Dreyfus, A. 1-13956
- Junker, K.**, Hadermann, J., Mukhopadhyay, N.C. Theory of intrinsic state density calculations in the shell-correction approach 1-50511
- Junkkarinen, V.T.** see Burbridge, E.M. 1-49846
- Junming Chen** see Chen Junming
- Junod, A.**, Muller, J. Comment on specific heat of a transforming V_2Si crystal 1-38894
- Junod, A.** see Jorda, J.L. 1-52682
- Junod, P.** see Steiger, R. 1-17082
- Junqua, N.**, Griibe, J. Dendritic climb of prismatic dislocation loops 1-20204
- Juog G. Rhee** see Chang W. Song 1-53760
- Juozapavicius, A.** see Valuzis, A. 1-41772
- Jupen, C.** see Engstrom, L. 1-37159
- Jura, J.**, Lucke, K., Pospiech, J. On the ghost structure of orientation distributions derived from pole figures 1-26502
- Jura, J.** see Lucke, K. 1-26491
- Jura, M.** Dust-to-gas ratio in the outer regions of spiral galaxies 1-44629
- Jura, M.** Very dusty galaxies 1-49785
- Jura, M.** see Frisch, P.C. 1-44602
- Jura, M.** see Shafer, A. 1-22776
- Jura, S.**, Mochnicki, B., Suchy, J. Mathematical model of the segregation kinetics in a casting 1-16765
- Jurek, R.** see Verry, C. 1-51186
- Jurela, Z.** The application of the SIMS technique to quantitative chemical analysis 1-31932
- Jurela, Z.** see Jokić, T. 1-28768
- Jurenka, H.** see Barreto, E. 1-34173
- Jurewicz, K.** see Appelt, K. 1-8701
- Jurgeit, R.** see Hartung, C. 1-23319
- Jurgens, R.**, Becker, W., Kornhuber, H.H. Natural and drug-induced variations of velocity and duration of human saccadic eye movements: evidence for a control of the neural pulse generator by local feedback 1-48987
- Jurisch, M.**, Behr, G. Growth and perfection of Cr_2Si single crystals 1-8221
- Jurist, J.M.**, Myers, D.B. Stress thermography of the breast 1-13312
- Jurkiewicz, J.** see Ruijgrok, T.W. 1-16421
- Jurkowski, B.**, Kubos, J. Kinetics of the vulcanization process. III. Range of Scheele's model applicability 1-53153
- Jurnak, F.** see McPherson, A. 1-8808
- Jursich, M.**, Brown, H.A. Dilution of the general spin Heisenberg ferromagnet 1-38939
- Jusem, J.C.** see Barcelona, A. 1-54179
- Jushui Zhang** see Zhang Jushui
- Jusoh, A.R.B.** see Shaw, R. 1-40764
- Jusserand, B.** see Venughas, H. 1-3374
- Just, K.** see Zubairy, M.S. 1-44996
- Just, M.**, Goerlach, U., Habs, D., Metag, V., Specht, H.J. Combined analysis of the prompt-fission, delayed-fission, photofission and angular-distribution data from $^{234,236}\text{U}$ and $^{238,240}\text{Pu}$ 1-50676
- Just, Th.** see Grothter, H.H. 1-41521
- Just Svendsen, P.** see Schafer-Nielsen, C. 1-13363
- Justi, E.W.** Concept, present position and prospects of hydrogen utilization 1-43733
- Justi, E.W.** see Ewe, H.H. 1-4171
- Justice, C.O.** see Holben, B.N. 1-40228
- Justiniano, E.** see Gray, T.J. 1-1359
- Juteau, T.** The birth of the oceanic crust 1-54056
- Juteau, T.**, Eissen, J.P., Francheteau, J., Needham, D., Choukroun, P., Rangin, C., Seguret, M., Ballard, R.D., Fox, P.J., Normark, W.R., Carranza, A., Cordoba, D., Guerrero, J. Homogeneous basalts from the East Pacific Rise at 21°N : steady state magma reservoirs at moderately fast spreading centers 1-27151
- Juteau, T.** see Thuizat, R. 1-54047
- Jutte, A.**, Heinrich, L. Intraocular photography using the RETINOPHOT 211 fundus camera 1-35856
- Juttner, B.** see Hildebrandt, D. 1-26783
- Jutton, J.S.** see Aston, D. 1-14399
- Juve, D.**, Sunyach, M., Comte-Bellot, G. Intermittency of the noise emission in subsonic cold jets 1-11390
- Juve, D.** see Blanc-Benon, P. 1-24577
- Juve-Duc, D.**, Treheux, D., Guiraldenq, P. Preparation of stainless steel two-phase structures and study of the behaviour of the $(\alpha, \gamma, \alpha/\gamma)$ boundaries with respect to the purity 1-30244
- Jyh Fa Lee** see Chung Len Lee 1-6682
- Jyomura, S.**, Matsuyama, I., Toda, G. Effects of the lapped surface layers on the dielectric properties of ferroelectric ceramics 1-39022
- Jyomura, S.** see Takeuchi, H. 1-3334, 1-37751
- Jyong Chi An**, Yoshio Cho, Shigeki Ohke, Yukito Matsuo Field effect semiconductor lasers 1-29294
- Jyothi, S.** see Gunasekaran, M.K. 1-40817
- Jyoti, B.G.** see Mariah, B.N. 1-34098
- Ka, K.** see Kan see Kan Ka, K.
- Kaan, A.P.** see van den Brand, J.F.J. 1-5331
- Kaari, R.**, Aavikko, Y., Freiberg, A., Saari, P. Time-resolved coherent anti-Stokes Raman scattering by a single synchronously pumped mode-locked CW dye laser 1-23318
- Kaaris, R.** see De Jong, G. 1-36606
- Kaaris, R.** see Harman, K.J. 1-39754
- Kaase, H.** Calibration of photovoltaic solar elements 1-43773
- Kaatze, U.** see Afsar, M.N. 1-36679
- Kaba, M.** see Bissem, H.H. 1-5766
- Kabachnik, M.I.** see Antipin, M.Yu. 1-30222
- Kabachnik, N.M.** see Balashov, V.V. 1-33568
- Kabacoff, L.T.** see Giessen, B.C. 1-12266
- Kabackhi, A.M.** see Doroshenko, V.N. 1-4110
- Kabakov, Z.K.** see Samoilovich, Yu.A. 1-3800
- Kabalikina, S.S.**, Serebrjanaja, N.R., Malyschitskaja, Z.V. The polymorphism of SnTe and CdS at high pressures 1-34274
- Kabalikina, S.S.** see Malyschitskaya, Z.V. 1-2625
- Kaban, V.P.** see Petrov, S.V. 1-25080
- Kabanchenko, M.P.** see Kostzhitskij, A.I. 1-16693
- Kabanov, B.N.** see Yampol'skaya, E.G. 1-53578
- Kabanov, I.S.**, Zherbetovs, L.I., Vtyurin, A.A., Shabanov, V.F. Dielectric and nonlinear optical properties of ferroelectric $\{(\text{NH}_4)_{1-x}\text{Rb}_x\}\text{SO}_4$ crystals 1-1643
- Kabanov, M.V.** see Vedernikov, E.A. 1-49995
- Kabanov, V.V.**, Mikhailov, V.D. Limit state of circular cylindrical shell with nonuniform external pressure 1-15406
- Kabanov, Yu.P.** see Nikitenko, V.I. 1-3213, 1-52815
- Kabanova, I.G.**, Sagaradze, V.V. Theoretical analysis of crystal geometry of the reverse martensitic transformation $\alpha \rightarrow \gamma$ 1-12735
- Kabanova, O.N.** see Jakubov, T.S. 1-38647
- Kabashnikov, V.P.**, Kmit, G.I. Influence of turbulent fluctuations on thermal radiation 1-1813
- Kabamoto, S.**, Hashimoto, E., Kino, T. Methods of measurement and management of decay curves of quenched-in vacancies 1-44956
- Kabeza, Z.**, Akaishi, K., Miyahara, A., Gotoh, T. Application of torsion vacuum microbalance to sputtering yield measurement. II 1-27930
- Kabeza, Z.** see Akaishi, K. 1-25583
- Kabilan, A.P.** An investigation of the electron cyclotron resonance line shape in transient afterglow plasmas of neon and argon 1-29906
- Kabilan, A.P.** see Golovaniy, K.S. 1-34043
- Kabina, L.P.** see Emelianov, B.A. 1-28827
- Kabir, P.** see Costa, G. 1-50369
- Kabisch, G.** Raman spectra and crystal structure of polycrystalline tetramethylammonium salts 1-21191
- Kablambaev, B.A.** see Bakst, R.B. 1-25103
- Kabler, M.N.** see Williams, R.T. 1-3466
- Kabra, S.C.** see Arrawatta, M.L. 1-52890
- Kabriel, I.**, Miklos, V., Belso, G. The sound propagation from the large transformers 1-29451
- Kabriel, K.** The analysis of the sound propagation of large transformers 1-41915
- Kabulov, A.B.** see Baktybaev, K.B. 1-633
- Kaburagi, M.**, Kawaguchi, M., Morii, T., Kitazoe, T., Morishita, J. Spectroscopy of atomic-like mesons Qq in the Dirac equation with logarithmic confining potential 1-18442
- Kaburaki, H.**, Kogure, Y., Hiki, Y. Thermal conductivity, thermal diffusivity and specific heat of lithium fluoride crystals containing dislocations 1-7401
- Kaburaki, H.** see Kogure, Y. 1-20488
- Kaburaki, O.** Determination of the electromagnetic field produced by a magnetic oblique-rotator. III. Corotating-plasma solution 1-54537
- Kaburov, I.S.** see Belashchenko, G.I. 1-24629
- Kabza, H.** see Brauchle, C. 1-46007
- Kabza, Z.** Metrological analysis of mathematical models of obstruction meters 1-24907
- Kac, M.** see Benguria, R. 1-32872
- Kachanov, V.A.** see Davidov, V.A. 1-1023
- Kachanov, V.A.** see Dzhelezad, R.I. 1-23503
- Kachanov, V.A.** see Viktorov, V.A. 1-10197, 1-10221
- Kachanov, V.M.** see Kamanin, P.M. 1-28513
- Kachanov, Yu.S.**, Kozlov, V.V., Levchenko, V.Ya. Experiments on nonlinear interaction of waves in boundary layer 1-42033
- Kachare, A.H.** see Lane, R.L. 1-3606
- Kachhava, C.M.** see Jain, S.C. 1-3089, 1-16402, 1-20896
- Kachholz, S.** see Jahnke, U. 1-50701
- Kachi, S.** see Murakami, Y. 1-25200, 1-25466
- Kachi, S.** see Ohtani, T. 1-30966
- Kachinskii, V.N.** see Stishov, S.M. 1-47772
- Kachinskii, A.Yu.** see Khidiyatov, A.M. 1-31979
- Kachkin, S.I.**, Lisitsyn, Yu.V. Optical-conducting strength of glass components 1-24542
- Kachmar, B.Ch.** see Fedorov, V.V. 1-34583
- Kachnowski, T.** see Traverse, A. 1-21099
- Kachre, S.D.** see Khemani, L.T. 1-21954
- Kachru, R.**, Mossberg, T.W., Hartmann, S.R. N_2 - and CO-induced collisional broadening of forbidden ground-to-Rydberg-state transitions in sodium as measured by trilevel echoes 1-14982
- Kachru, R.** see Mossberg, T.W. 1-14983
- Kachur, I.S.** see Novikov, V.P. 1-48038
- Kachurin, A.M.**, Fomichev, V.N. Precise measurements of NMR shifts 1-43027
- Kachurin, G.A.** Mechanism of ion-stimulated crystallization of amorphous layers 1-2536
- Kachurin, G.A.**, Nidaev, E.V. Laser annealing of radiation defects in low disordered layers 1-11780
- Kachurin, G.A.** see Bogatyrov, V.A. 1-3054

- Kaciulis, S., Parseliunas, J., Poskus, A.-S. Effect of electron redistribution on conductance in graded-gap crystals 1-16309
- Kaciulis, S., Parseliunas, J., Pozela, J., Poskus, A.-S. Nonadditivity of electrical conductivity in graded-gap crystals 1-20793
- Kacner, M.A. see Bartell, L.S. 1-29046
- Kaczer, J. Bloch wall energy including cubic and uniaxial anisotropy 1-52816
- Kaczer, J. see Kambersky, V. 1-52918
- Kaczmar, J. see Weglinski, B. 1-52805
- Kaczmarczyk, J., Wierzbowski, P. Analysis of influence of inaccuracy in setting of cylinders on electron-optical parameters of CMA 1-29202
- Kaczmarek, F. see Kulinski, T. 1-15172
- Kaczmarek, H. see Chaboche, J.-L. 1-8339
- Kaczmarek, S. see Michalski, E. 1-38335
- Kaczmarek, S. see Kwapiulinska, E. 1-34935
- Kaczmarzki, K., Pawlikowski, J.M. Non-linear electrical effect in graded-electron concentration silicon 1-34718
- Kadaba, M.P. see Bhagat, P.K. 1-13367
- Kadalbal, R., Montoya-Cruz, J.J., Kattamis, T.Z. Solute redistribution during and after solidification of Ni-Al-Ta dendritic monocrystals 1-16767
- Kadanoff, L.P. Singularities near the bifurcation point of the Ashkin-Teller model 1-193
- Kadanoff, L.P., Zisook, A.B. Correlation functions on the critical line of the two-dimensional planar model: logarithms and corrections to scaling 1-40722
- Kadanoff, L.P. see Ditzian, R.V. 1-12320
- Kadanoff, L.P. see Kohmoto, M. 1-209
- Kadanoff, L.P. see Pruisken, A.M.M. 1-23141
- Kadanoff, L.P. see Shenker, S.J. 1-32911
- Kadanoff, L.P. see Zisook, A.B. 1-186
- Kadansky, V. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Kadashevich, Yu.I., Novozhilov, V.V. Limiting variants of plasticity theory, allowing for initial microstresses 1-15416
- Kaddoun, A. see Jal, J.F. 1-25485
- Kadeckova, S. see Novak, V. 1-11769
- Kadeckova, S. see Zarubova, N. 1-31566
- Kadel, R. see Barber, D. 1-14407
- Kadel, R.W. see Barber, D.P. 1-534, 1-28309
- Kadigrobov, A.B. see Gorelik, L.Yu. 1-42925
- Kadigrobov, A.B. see Slutskii, A.A. 1-2540
- Kadikova, S.V. see Aksinenko, V.D. 1-18662
- Kadir, W.M.S.B.W., Hayzelden, C., Cantor, B. Epoxy resin-metallic glass composites 1-12798
- Kadiri, S. A. 1-15080
- Kadish, A. A simplified eigenvalue equation for ideal magnetohydrodynamics 1-6904
- Kadish, A. Discrete spectrum for ideal magnetohydrodynamic channel flow 1-46866
- Kadkly, A.A.Q. The use of pure phase filters in optical signal recognition 1-41618
- Kadko, D. ^{230}Th , ^{226}Ra and ^{222}Rn in abyssal sediments 1-4488
- Kadko, D. A detailed study of some uranium series nuclides at an abyssal hill area near the East Pacific Rise at $8^{\circ}45'\text{N}$ 1-22322
- Kadko, D., Burckle, L.H. Manganese nodule growth rates determined by fossil diatom dating 1-9145
- Kadlec, J. see Havel, S. 1-33306
- Kadlec, V. see Hron, M. 1-5828
- Kadmenskii, S.G., Kurgalin, S.D., Furman, V.I., Kheibostrov, V.G. α -decay of neutron resonances and optical potential testing of α -particles in the deep subbarrier region 1-45486
- Kadomtseva, A.M., Bostrem, I.G., Vasil'eva, L.M., Krynetskii, I.B., Lukina, M.M., Mosvin, A.S. Antisymmetric exchange in some fluorine-substituted orthoferrites 1-52768
- Kadner, S. see Hage, H.-J. 1-284
- Kadnikov, O.G. see Kobizkoi, V.I. 1-26794
- Kadobnov, V.B. see Vernov, S.N. 1-4731
- Kadomatsu, H., Kamimori, T., Tokunaga, T., Fujiwara, H. Magnetic anisotropy of Pd-rich Pd-Co, -Ni and -Fe alloys 1-7826
- Kadomatsu, H., Tokunaga, T., Fujiwara, H. Magnetocrystalline anisotropy of Ni-Pt alloys 1-38927
- Kadomatsu, H. see Fujiwara, H. 1-9993, 1-30941
- Kadomtseva, A.M., Krynetskii, I.B., Matveev, V.M. Nature of the spontaneous and field-induced low-temperature orientation transitions in erbium orthoferrite 1-12380
- Kadomtseva, A.M. see Derkachenko, V.N. 1-25941
- Kadomtseva, A.M. see Nikolov, O.N. 1-34880
- Kadooka, T. see Okubo, M. 1-8625
- Kadota, K. see Ohkubo, K. 1-11576
- Kadota, S. see Fukushima, M. 1-45770
- Kadota, S. see Terada, S. 1-14415
- Kadota, T. see Hiroyasu, H. 1-17055
- Kadota, T.T., Labianca, F.M. A mathematical representation of random gravity waves in the ocean 1-9168
- Kadotani, K. Mechanical properties of plastic composites under low temperature conditions 1-8370
- Kadotani, K. Electrical properties of the glass/epoxy interface 1-34969
- Kaduk, B. see Bodem, F. 1-4383
- Kadura, P. Band structure of finite FCC crystallites of different shapes 1-52466
- Kadyk, J. see Altkofer, O.C. 1-45773
- Kadyk, J.A. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Kadyk, J.A. see Dorfan, J.M. 1-41020
- Kadyk, J.A. see Himel, T.M. 1-18482
- Kadyk, J.A. see Scharre, D.L. 1-18485, 1-45292
- Kadyrov, M.A., Kunina, N.V., Saidov, A.S., Shamuratov, K.A., Sharonova, L.V., Shik, A.Ya., Shmartsev, Yu.V. Investigation of nonideal Si-SiC heterojunctions 1-42854
- Kadyrov, V.Kh. see Karpinos, D.M. 1-31616
- Kadyrov, V.Kh. see Maksimovich, G.G. 1-16881
- Kadyszhnikov, V.M. On height difference and correctness of weather forecast problem 1-9206
- Kadzhoyan, R.A. see Karapetyan, V.V. 1-37436
- Kae Wan Lee, Soo Hyun Park Study on the columnar dendrite of Cu-Sn alloy 1-12006
- Kaesche, H. see Tischer, H. 1-39646
- Kaetsu, H. see Isomura, S. 1-936
- Kaevitser, V.I. see Aleksandrov, Yu.N. 1-13717
- Kafatos, M., Michalitsianos, A.G., Feibelman, W.A., Hobbs, R.W. RX puppis 1-36303
- Kafatos, M., Michalitsianos, A.G., Feibelman, W.A., Hobbs, R.W. CYgni 1-36304
- Kafatos, M., Michalitsianos, A.G., Hobbs, R.W. IUE observations of RW Hydrae (gM2+pec) 1-9507
- Kafatos, M., Michalitsianos, A.G., Hobbs, R.W. IUE observations of two late type stars: R Aql and W Hya 1-36282
- Kafatos, M., Sofia, S., Bruhweiler, F., Gull, T. The evolution of supernova remnants in different galactic environments, and its effects on supernova statistics 1-44609
- Kafatos, M. see Michalitsianos, A.G. 1-22796
- Kafedjijska, E.I. see Batev, P.M. 1-12179
- Kafelnikov, V.V. see Batrakov, V.P. 1-53348
- Kaffrell, N. see Kurczewicz, W. 1-50486
- Kaffrell, N. see Ower, H. 1-45397
- Kafiev, Yu.N. Four-dimensional σ model with instantons 1-10088
- Kafiev, Yu.N. The four-dimensional σ -model as Yang-Mills theory 1-14244
- Kafiev, Yu.N. Four-dimensional σ -models and geometry of Yang-Mills fields 1-50310
- Kafka, T. see Hanlon, J. 1-18464
- Kafka, T. see Kitagaki, T. 1-18467
- Kafousias, N. see Raptis, A. 1-51873
- Kafousias, N.G., Doukos, C.N., Vassios, G.L., Georgantopoulos, G.A., Goudas, C.L. Laminar hydromagnetic thermal boundary layer in fluctuating flow past a limiting surface with variable suction 1-54355
- Kafousias, N.G., Raptis, A.A., Tzivanidis, G.J. Free convection effects on the flow past an accelerated vertical porous plate in an incompressible dissipative fluid with variable suction or injection 1-37902
- Kafri, O. Noncoherent method for mapping phase objects 1-28051
- Kafri, O., Band, Y.B., Levine, R.D. Is work output optimised in a reversible operation? 1-36591
- Kafri, O. see Livnat, A. 1-9266
- Kafrouni, H. see Amara, M.Y. 1-15724
- Kaftandjian, V.P., Delsart, C., Keller, J.C. Optical Hanle effect 1-51171
- Kaftandjian, V.P. see Giraud-Cotton, S. 1-19858
- Kaftanoglu, B., Kiliks, B. Theory of deep-drawing of square blanks and the numerical solution of the flange region 1-3777
- Kaftanov, V. see Diddens, A.N. 1-14747, 1-23998
- Kaftanov, V. see Jonker, M. 1-10194, 1-14432, 1-45258
- Kaftanov, V.S. see Ammosov, V.V. 1-40980
- Kaftanov, V.S. see Efremenko, V.I. 1-33173
- Kaga, H., Sato, I., Kobayashi, M. Single-impurity Anderson model with boson interactions. Zero-temperature phase diagrams 1-52743
- Kaga, K., Hink, R.F., Shinoda, Y., Suzuki, J. Evidence for a primary cortical origin of a middle latency auditory evoked potential in cats 1-49003
- Kaga, T. see Asano, Y. 1-1022
- Kagal, V.G. see Naik, P.K. 1-30543
- Kagami, A. see Narita, K. 1-12587
- Kagami, H., Takahashi, H., Shishido, M., Kaneko, H., Fukuda, M., Moriyma, M. Development of multichannel seismic profiling system 1-36077
- Kagami, H. see Hamuro, K. 1-44158
- Kagami, A.R. see Wolfin, M. 1-32248
- Kagan, D. see Coleman, P.E. 1-41349
- Kagan, D.N. see Shpil'rain, E.E. 1-42551, 1-52315
- Kagan, G.E. see Kozmanov, Yu.D. 1-2695
- Kagan, H. see Bebek, C. 1-33191
- Kagan, H. see Chadwick, K. 1-33192
- Kagan, M.S. see Zhdanova, N.G. 1-38786
- Kagan, Yu., Maksimov, L.A. Theory of tunnel relaxation in a phonon field 1-12180
- Kagan, Yu.I. see Palatnik, L.S. 1-43356
- Kagan, Yu.M. see Dathan, F. 1-42232
- Kagan, Y.Y., Knopoff, L. Dependence of seismicity on depth 1-53996
- Kaganer, M.G. see Mil'man, S.B. 1-14139
- Kaganer, V.M. see Indenbom, V.L. 1-6441
- Kaganov, M.I. Surface reorientation transitions 1-12330
- Kaganov, M.I., Lisovskaya, T.J.U. Properties of metals and the local geometry of the Fermi surfaces 1-12020
- Kaganova, I.M. Influence of the surface shape and indenter size on the critical conditions of brittle fracture 1-16874
- Kaganovskii, Yu.S., Mikhailov, E.G. Kinetics of the ^{63}Ni diffusion spreading over the polycrystalline Mo surface 1-2832
- Kagawa, A., Okamoto, T. Partition of silicon during eutectic solidification of iron-carbon-silicon alloy 1-16770
- Kagawa, A., Okamoto, T. Partition of nitrogen in hypo-eutectic and nearly eutectic iron-carbon alloys 1-53190
- Kagawa, M. see Okazaki, K. 1-12802
- Kagawa, S. see Mikawa, T. 1-45006
- Kagawa, T. Multiconfiguration relativistic Hartree-Fock-Roothaan theory for atomic systems 1-19024
- Kagawa, T. see Motosugi, G. 1-19336
- Kage, M. see Nisitani, H. 1-26505
- Kagel, R.A. see Farwell, S.O. 1-53492
- Kagel, R.O. see Bumb, R.R. 1-53426
- Kagermann, H., Kohler, W.E., Hess, S. Nonspherical Brownian particles. Kinetic description and application to flow birefringence 1-50051
- Kageyama, K. see Ohsato, H. 1-12642
- Kageyama, T. see Ikegami, K. 1-23902
- Kagiwada, R.S. see Lau, K.F. 1-15356
- Kagiya, M., Kajiya, F., Hoki, N., Tomonaga, G. On an optimal sampling condition in the identification of compartmental system with known structure [radioactive tracer kinetics] 1-43995
- Kagoshima, S. X-ray scattering study of one-dimensional conductors TTF-TCNQ and its family 1-47510
- Kagoshima, S., Fukuyama, H. Superconductivity in a synthetic organic conductor (TMTSF)₂PF₆ 1-16405
- Kahana, S. see Barrette, J. 1-715
- Kahana, S.H. see Auerbach, E.H. 1-50599
- Kahara, T. see Kawana, H. 1-48832
- Kahl, M. see Heinze, W. 1-25488
- Kahle, E. see Blochwitz, C. 1-31600
- Kahler, C.C., Lee, Y.T. Crossed molecular beam studies of chemiluminescent reactions: F₂+I₂, Br₂, and ICl 1-39644
- Kahler, D. A method to compute cartesian coordinates of clothoid detail points 1-4410
- Kahler, H. The Vogt-Russell theorem, and new results on an old problem 1-17830
- Kahlert, H. Nonlinear transport in quasi-one-dimensional conductors 1-16280
- Kahn, A. see Duke, C.B. 1-42612
- Kahn, A. see Meyer, R.J. 1-11962, 1-34557
- Kahn, F.J. see Birechi, H. 1-38278
- Kahn, H.L., Conley, M.K., Sotera, J.J. Interference reduction in furnace atomic absorption using an autosampler 1-13050
- Kahn, J. see Urano, M. 1-39884
- Kahn, L.R. see Sabelli, N.H. 1-34643
- Kahn, M.N., Khan, M.I., Hogarth, C.A. The electrical conductivity of thin films using GeO₂ as the dielectric material 1-7758
- Kahn, O. see Jaud, J. 1-47058
- Kahn, R. see Fontana, M.P. 1-30433
- Kahn, R. see Vigneron, F. 1-25675
- Kahn, S. see Hays, P.J. 1-45371
- Kahn, S.A. see Rastogi, R.P. 1-17094
- Kahn, S.M., Charles, P.A., Bowyer, S., Blissett, R.J. X-ray line emission from the Cygnus loop 1-44614
- Kahn, W.D., Vonbun, F.O., Smith, D.E., Englar, T.S., Gibbs, B.P. Performance analysis of the Spaceborne Laser Ranging System 1-17692
- Kahn Zainul Abedeen see Zainul Abedeen Kahn
- Kahr, G. see Ninaus, W. 1-28611
- Kai, A. Tan see Tan Kai, A.
- Kai, A. Tang see Tang Kai, A.
- Kai, E., Nishimoto, K. Electronic structure of transition-metal complexes. I. Parametrization for CNDO/2 method 1-1110
- Kai, K. Recent development of the Nobeyama 17 GHz interferometer and some initial results 1-4773
- Kai, K., Sawa, M., Shiomi, Y., Aiba, S., Sekiguchi, H., Shibuya, N., Kosugi, K., Nakajima, H. Nobeyama radiospectrographs for solar observations 1-13696
- Kai, K., Sawa, M., Shiomi, Y., Aiba, S., Sekiguchi, H., Shibuya, N., Kosugi, K., Nakajima, H. Nobeyama radiospectrographs for solar observations 1-54373
- Kai, N. see Takashima, Y. 1-43047
- Kai, T., Tomita, K. Statistical mechanics of deterministic chaos: The case of one-dimensional discrete process 1-40703
- Kai Wang see Wang Kai
- Kai Wong, S. see Burrell, K.H. 1-51918
- Kai-hsiung Chang see Chang Kai-hsiung

- Kai-ming Zhang *see* Zhang Kai-ming
 Kai-ren Wang *see* Wang Kai-ren
 Kai-yu Wei *see* Wei Kai-yu
- Kaiba, K., Hanselmann, G. Pressure vessel for gaseous H₂ storage and transport using carbon fiber reinforced plastics 1-43826
- Kaibara, K., Ito, H., Inoue, N., Kimizuka, H. Membrane permeability and composition of external electrolyte solutions 1-43705
- Kaibara, M., Fukada, E. An analysis of the clotting curves of complex dynamic rigidity for fibrinogen-thrombin solutions 1-39950
- Kaibiyainen, V.K. *see* Gokhman, V.L. 1-52868
- Kaibyshev, O.A. Mechanisms of superplastic flow of metals and alloys 1-43417
- Kaibyshev, O.A., Kazachkov, I.V. Effect of texture on mechanical properties of ultra-fine-grained materials 1-31484
- Kaibyshev, O.A., Salishev, G.A. Superplastic deformation—a method of improving the mechanical properties of titanium alloys 1-16843
- Kaibyshev, O.A. *see* Valiev, R.Z. 1-21524, 1-48367, 1-52153
- Kaidalov, A.B. Electromagnetic form factors for hadrons at large Q² and confinement effects 1-18481
- Kaidalov, A.B. *see* Arakelyan, G.G. 1-50408
- Kaidalov, A.B. *see* Grigoryan, A.A. 1-36830
- Kaidanov, V.I. *see* Veis, A.N. 1-20659
- Kaidanoskii, M.N. Results of high-resolution observations of the Rosette Nebula 1-13843
- Kaidanoskii, M.N., Peterova, N.G., Rodriguez, R. Observations at 2.0 and 4.5 cm at Havana during the solar eclipse of December 24, 1973 1-9457
- Kaidanoskii, N.L. Aberration correction for a mirror of circular symmetry 1-9367
- Kaieda, K. *see* Lee, D.M. 1-18970
- Kaieda, Y., Oguchi, A. Brittle fracture stress of an Fe-Cr alloy (σ phase) under high hydrostatic pressure and high temperature. 1-53295
- Kaifu, N. *see* Fukui, Y. 1-36383
- Kaigorodova, L.L., Buinov, N.N., Komarova, M.F. Influence of the quenching conditions on the structure and properties of alloys of the aluminum-zinc-magnesium and aluminum-magnesium systems 1-26507
- Kaigorodova, L.L. *see* Buinov, N.N. 1-30228
- Kaiholia, L., Bremer, J. Anomalous scattering of X-rays by total reflection in the L-edge regions of iron and copper 1-35115
- Kaii, O. *see* Kobayashi, H. 1-32179
- Kajiser, P., Sabin, J.R. A comparison between the LCAO-X α and Hartree-Fock wave functions for momentum space properties of ammonia 1-37113
- Kajiser, P., Smith, V.H., Jr., Thakkar, A.J. Isotropic and directional Compton profiles for N₂, CO and BF 1-33512
- Kajiser, P. *see* Engstrom, L. 1-37159
- Kaila, K. *see* Shepherd, G.G. 1-9313
- Kaila, K.L. *see* Belousov, V.V. 1-49244
- Kaila, K.U. *see* Opgenoorth, H.J. 1-4719
- Kailas, S. Systematics in the volume integrals of the imaginary part of nucleon, deuteron, and mass-3 optical potential 1-5750
- Kailas, S. *see* Gupta, S.K. 1-41092
- Kailtsova-Kurteva, P., Zapryanov, Z.D. Boundary layer growth on two separated cylinders in an unsteady plan flow 1-29651
- Kaimal, K.N.G. *see* Naik, M.C. 1-34375
- Kaimal, M.R. Propagation characteristics in distensible tubes containing a visco-elastic fluid 1-53809
- Kaimal, R. *see* Murty, P.S. 1-21801
- Kaindl, G., Chiang, T.-C., Eastman, D.E., Himpel, F.J. Distance-dependent relaxation shifts of photoemission and Auger energies for Xe on Pd(001) 1-26362
- Kaindl, G. *see* Abd-Elmeguid, M.M. 1-43051
- Kaindl, G. *see* Chiang, T.-C. 1-6320, 1-19068
- Kaindl, G. *see* Rohler, J. 1-38750
- Kainova, G.E. *see* Terent'ev, V.F. 1-35494
- Kaise, M. *see* Miyashita, H. 1-49144
- Kaiser, A.B. Induced superconductivity in Kondo alloys 1-12240
- Kaiser, A.B. *see* Wassilief, C. 1-25709
- Kaiser, E. *see* Munz, W.D. 1-31345
- Kaiser, G. Holomorphic gauge theory 1-23449
- Kaiser, G., Marsden, J.E. (editor) Geometric methods in Mathematical Physics. Proceedings of an NSF-CBMS conference 1-22951
- Kaiser, H., Kaiser, H.-C. Mathematical methods in the synthesis and identification of thin film systems 1-37401
- Kaiser, H., Kaiser, H.-C. Methods of pattern recognition in the synthesis and identification of thin film optical systems 1-37430
- Kaiser, H.-C. *see* Kaiser, H. 1-37401, 1-37430
- Kaiser, H.D., Metzger, W.C., Ting, C.H. CCl₄ reactive ion etching of niobium films 1-31733
- Kaiser, H.D., Wu, C.T. Control of etch angle in niobium 1-21623
- Kaiser, H.-P. *see* Schurrmann, E. 1-31419
- Kaiser, J.E. *see* Nayfeh, A.H. 1-1748
- Kaiser, M. A universal fiber optic measuring set 1-19451
- Kaiser, M., Zwick, U. Comparison of various measurement procedures for the attenuation in optical fibres 1-19461
- Kaiser, M.C. *see* Veiga-Pires, J.A. 1-4358
- Kaiser, M.L., Desch, M.D., Warwick, J.W., Pearce, J.B. Voyager detection of nonthermal radio emission from Saturn 1-40414
- Kaiser, M.L. *see* Desch, M.D. 1-4817
- Kaiser, N. *see* Gloede, C. 1-34809
- Kaiser, P. *see* Cohen, L.G. 1-11114
- Kaiser, P. *see* Young, W.C. 1-11156
- Kaiser, P.K., Hemmendinger, H. The color rule: a device for color-vision testing 1-13305
- Kaiser, P.M. *see* Gumbinger, H.G. 1-1120
- Kaiser, R. Some NMR coherence transfer experiments 1-16498
- Kaiser, R. *see* Schickanz, S. 1-12500
- Kaiser, T., Piepgras, D., Wasserburg, G.J. A search for evidence of a fissionable nuclide in iron meteorites and implications of heat sources in planetary cores 1-54428
- Kaiser, T. *see* Bessy, M. 1-3605
- Kaiser, W., Fendi, A., Kranitzky, W., Laubereau, A. Infrared picosecond pulses and applications 1-15228
- Kaiser, W. *see* Kopainsky, B. 1-51476
- Kaiser, W. *see* Kranitzky, W. 1-6611, 1-41691
- Kaiser, W. *see* Laubereau, A. 1-51562
- Kaiser, W. *see* Seilmier, A. 1-1627
- Kaiser, W. *see* Hochstrasser, R. (editor) 1-49883
- Kaiserberger, E. *see* Hadrich, W. 1-40754
- Kaita, R. *see* Meservey, E.B. 1-24992
- Kaitanov, Z.N. *see* Chernyuk, M.V. 1-27293
- Kaitchuk, M.D. *see* Nadsen, A. 1-45507
- Kaito, Y. *see* Yoshiyagawa, M. 1-1705
- Kaito, C. *see* Ohkawa, T. 1-47029
- Kajantie, K., Montonen, C. Plasmons in classical non-Abelian gauge theories 1-36808
- Kajcos, Z., Brauer, G. Some iron-based metallic glasses studied by positron annihilation 1-43211
- Kajcos, Z. *see* Dezi, I. 1-43212
- Kajihara, N. *see* Yokoyama, S. 1-16391
- Kajikawa, R. *see* Fukushima, M. 1-45770
- Kajikawa, R. *see* Terada, S. 1-14415
- Kajimoto, O., Kawajiri, T., Fueno, T. Formation of electronically excited NH₂(²A₁, $v_2 \leq 15$) by the reaction between H and HN₃ 1-31829
- Kajimura, K. *see* Fukase, T. 1-47435
- Kajimura, K. *see* Kake, T. 1-2571
- Kajimura, K. *see* Tokumoto, H. 1-15964
- Kajimura, K. *see* Tsurukawa, F. 1-26105
- Kajita, K. *see* Kono, K. 1-7414
- Kajita, T. *see* Mizusawa, T. 1-41974
- Kajiwara, M., Saito, H. Phosphonitric chloride XXXX. III. Electronic conduction of crystalline cyclotriphosphazene compounds 1-20724
- Kajiya, F. *see* Kagiya, M. 1-43995
- Kajiyama, H. *see* Matsushita, N. 1-33789
- Kajiyama, S. *see* Takeda, H. 1-23829
- Kajiyama, T. *see* Takahara, A. 1-13266
- Kajiyama, Y. *see* Wolgast, R.C. 1-45759
- Kajmakov, E.A., Lizunkova, I.S., Dranevich, V.A. Simulation of cometary grains from organic substances 1-54426
- Kajrys, G. *see* Del Bianco, W. 1-5775
- Kajrys, G. *see* Lecomte, R. 1-18566
- Kajzar, F., Parette, G. Magnetic-moment distribution and environmental effects in dilute iron-based alloy with V, Cr, and Mn impurities 1-25933
- Kajzar, F. *see* Babic, B. 1-30981
- Kajzar, F. *see* Ray, D.K. 1-7838
- Kak, A.C. *see* Nahamoo, D. 1-49104
- Kakarala, C.R., Thomas, L.C. Turbulent combined forced and free convection heat transfer in vertical tube flow of supercritical fluids 1-37907
- Kakauridze, D.B. *see* Davidov, V.A. 1-1023
- Kakauridze, D.B. *see* Viktorov, V.A. 1-10222
- Kakazei, N.G. *see* Bodnaruk, N.I. 1-3257
- Kakazu, K., Matumoto, K. A subquark model of quarks and leptons 1-33156
- Kakegawa, K. *see* Shirasaki, S. 1-25494
- Kakehashi, Y. Anomalous volume expansion and magnetovolume effect in Cu-Mn 1-26001
- Kakehashi, Y. On the anomalous thermal expansion of FeNi invar alloy 1-38559
- Kakehashi, Y. Cohesive properties of 3d transition metal alloys 1-52102
- Kakehi, M., Wada, T. Heteroepitaxial growth of ZnTe on GaSb 1-48268
- Kakeshita, T., Shimizu, K., Maki, T., Tamura, I. Growth behavior of lenticular and thin plate martensites in ferrous alloys and steels 1-16777
- Kakeya, H. *see* Totsuji, H. 1-2899
- Kakeya, M. *see* Takenaka, T. 1-29186
- Kakhranov, K.Sh. Investigation of eutectics morphology PbTe(S)-Sb(NiSb) 1-47027
- Kakichashvili, S.D. The reference wave in polarization holography 1-29236
- Kakichashvili, S.D. Reproduction of partial polarization by a polarization holographic method 1-33641
- Kakihana, H. *see* Kobayashi, N. 1-31925
- Kakimoto, K. *see* Katsube, T. 1-20877
- Kakimoto, M. *see* Ohashi, N. 1-37172
- Kakimoto, M. *see* Tagaki, K. 1-10765
- Kakinuma, F., Tanabe, H., Ohno, S., Itoh, F., Suzuki, K. Electronic behaviour of dilute liquid Te alloys 1-20695
- Kakinuma, F. *see* Ohno, S. 1-30707
- Kakitani, T. *see* Sarai, A. 1-33487
- Kakiuchi, S. *see* Mukoyama, T. 1-45460
- Kakizaki, A., Sugawara, H., Nagakura, I., Ishii, T. Extreme ultraviolet photoelectron spectra of manganese phosphide 1-35141
- Kakizawa, T. *see* Hibi, S. 1-43358
- Kakkar, R. *see* Lahiry, S. 1-52754
- Kako, F., Yajima, N. Interaction of ion-acoustic solitons in two-dimensional space 1-5116
- Kako, F., Yajima, N. Interaction of ion-acoustic solitons in two-dimensional space 1-18035
- Kako, F., Yajima, N. Resonant interaction of solitons and Akharov-Shabat theory 1-18051
- Kako, F. *see* Mitarai, O. 1-19885
- Kakuberi, V.G., Fin'kov, A.T. Observation window for high-vacuum chambers 1-44940
- Kakuda, T., Ono, M., Masuda, H., Furukawa, Y., Ito, H., Yagura, M., Morishige, F., Sawada, O., Morishige, T., Miyahata, M., Ushio, B. ^{99m}Tc-MAA brain scan and CT in the diagnosis of intracranial diseases 1-9009
- Kakui, Y., Nanjo, M., Minato, H., Majima, T. Optical measurements of the suspended biological particles in the sea 1-32078
- Kakunaga, T., Crow, J.D. Cell variants showing differential susceptibility to ultraviolet light-induced transformation 1-26967
- Kakurai, K., Steiner, M., Kjems, J.K. Q-dependence of the soliton response in CsNiF₃ at T=10K and H=5 kG 1-7823
- Kakuta, A., Mori, Y., Morishita, H. The ionization potential of carrier transport materials in relation to the photosensitivity of double layered photoreceptors [electrophotography] 1-18320
- Kakuta, A., Sato, N., Ogihara, S., Kameda, A., Nei, H. Cover-gas hydrogen meter for water leak detection in LMFBR 1-14661
- Kakuta, N. *see* Shibata, S. 1-1365
- Kakuto, A. *see* Inoue, K. 1-14395
- Kala, T., Turek, K. Diffuse reflectance spectra of Pb(Zr_{0.60}Ti_{0.40})O₃ solid solutions doped with Fe₂O₃, Cr₂O₃ and MnO₂ 1-31168
- Kalabukhova, B.F. *see* Aleksandrov, V.I. 1-38400
- Kalabukhova, V.F. *see* Ignat'ev, B.V. 1-21213
- Kalabushch, A.A. *see* Zhukov, V.A. 1-46169
- Kalabushkin, O.I. *see* Bonch-Bruевич, A.M. 1-51959
- Kalachev, P.D. *see* Vdenskii, V.A. 1-4772
- Kalachev, V.V. *see* Petrov, A.I. 1-38406
- Kalade, J. *see* Gaidelis, V. 1-12150
- Kalafati, Y.D. *see* Zaporozhchenko, V.I. 1-30285
- Kalafati, Yu.D. *see* Serbinov, I.A. 1-34629
- Kalaidzhan, S.E., Krivoruchko, S.P., Obyankov, I.I., Yurchenko, L.I. Machine for mechanical tests of small specimens 1-21667
- Kalakhani, O.S. *see* Pokhmurskiy, V.I. 1-35443
- Kalamkarov, G.R. *see* Bol'shakov, V.I. 1-17365
- Kalanda, B.D., Oke, T.R., Spittlehouse, D.L. Suburban energy balance estimates for Vancouver, B.C., using the Bowen ratio-energy balance approach 1-44260
- Kalantar, A.H. *see* Leduc, J. 1-38250
- Kalashnikov, A.M., Petrov, I.Yu., Sheremet'ev, A.K. Device for outputting data from an AI-1024 analyzer to a puncher 1-1037
- Kalashnikov, E.G., Fedorov, V.B., Shorshorov, M.Kh. Kinetics of homogeneous nucleation 1-48713
- Kalashnikov, E.G. *see* Fedorov, V.B. 1-17113
- Kalashnikov, M.P. *see* Basov, N.G. 1-6596
- Kalashnikov, O.K. Infrared cutoff of transverse modes in Yang-Mills theory at T=0 1-45145
- Kalashnikov, O.K., Klimov, V.V. Infrared behaviour of the polarization operator in scalar electrodynamics at finite temperature 1-469
- Kalashnikov, O.K. *see* Fradkin, E.S. 1-23461
- Kalashnikov, S.P., Molochov, V.I., Pilipovich, V.A., Popov, Yu.M., Semenov, G.I., Shmatin, S.G. Use of injection laser radiation for recording of data in and readout from holographic memories 1-51422
- Kalashnikov, S.P. *see* Elkhov, V.A. 1-23353
- Kalashnikov, V.P., Auslander, M.J., Karyagin, V.V. Thermoelectric coefficients of ferromagnetic metals near the Curie temperature 1-30724
- Kalashnikov, V.P., Kozhevnikov, N.V., Zolotovskii, A.B. Electron phenomena of spin relaxation in ferromagnetic metals and semiconductors. II. Diffusion damping 1-31028
- Kalashnikov, Yu.A. Two-nucleon absorption of bound π mesons from 2p and 3d levels in ⁴⁰Ca 1-51319
- Kalashnikova, I.V., Magnitskiy, V.A. The inherited nature of contemporary crustal movements 1-13443
- Kalashnikov, N.I. *see* Akunei, S.A. 1-27279
- Kalasinaky, V.F., Wurrey, C.J. Vibrational spectra and conformations of (chloromethyl)cyclopropane and epichlorohydrin 1-19102
- Kalashnikov, V.P., Zolotovskii, A.B., Kozhevnikov, N.V. Electron spin relaxation phenomena in ferromagnetic metals and semiconductors. III. Homogeneous relaxation 1-38982
- Kalata, H. *see* Brenci, M. 1-46554

- Kalbe, B., Pennings, A.J. Maximum strength and drawing mechanism of hot drawn high molecular weight polyethylene 1-8379
- Kalbach, C. Phenomenology of continuum angular distributions. II. Griffin pre-equilibrium model 1-36941
- Kalbach, C., Mann, F.M. Phenomenology of continuum angular distributions. I. Systematics and parametrization 1-36940
- Kalbach, R.M. *see* Barber, H.B. 1-36153
- Kalberla, P.M.W. *see* Stute, U. 1-17900
- Kalbfleisch, G. *see* LeBritton, J. 1-45299
- Kalbfleisch, G.R. *see* Youngquist, R. 1-5650
- Kalbitzer, S. *see* LeComber, P.G. 1-52156
- Kalbskopf, R. Continuous chemical vapour deposition of tin oxide 1-53102
- Kalchev, D. *see* Georgiev, G. 1-42953
- Kaldani, N.V. Determination of the stressed state of convex composite shells 1-6772
- Kalde, J.A. *see* Gaudelis, V.J. 1-20824
- Kalder, K. *see* Hizhnyakov, V. 1-8123
- Kaldi, S. *see* Woods, W.J. 1-821
- Kaldis, E. Phase relationships and valence changes in Sm_2S_3 1-34313
- Kaldis, E. *see* Campagna, M. 1-48232
- Kaldis, E. *see* Furrer, A. 1-25887
- Kaldis, E. *see* Wertheim, G.K. 1-34666
- Kaldis, E. (editor) Current topics in materials science, vol.4 1-5036
- Kaldis, E. (editor) Current topics in materials science, vol.5 1-36465
- Kaldor, A. *see* Eberhardt, W. 1-48220
- Kaldor, A. *see* Horsley, J.A. 1-10794
- Kaldor, U. *see* Shmueli, U. 1-34183
- Kale, G.B. *see* Patil, R.V. 1-52365
- Kale, M., Pavaskar, N., Sinha, A.P.B. Field effect studies on vanadium phosphate glasses 1-25748
- Kale, P., Graul, D.W. India's multi-purpose satellite [INSAT-1] 1-36161
- Kalebin, S.M. *see* Belanova, T.S. 1-23663
- Kalef-Ezra, J. *see* Horowitz, Y.S. 1-945
- Kalenchuk, V.G. *see* Ovrannenkov, N.A. 1-53070
- Kalend, A.M. *see* Anderson, B.D. 1-41109
- Kalenda, Z. Equipment for cinematography 1-17467
- Kalenchenko, V.V. Luminosity curve of a meteor for the quasicontinuous ejection of particles of uniform initial mass from the surface of the meteor 1-49580
- Kalenik, V.M. *see* Sergienko, V.I. 1-7963
- Kalent'ev, V.K. *see* Biktimirov, R.S. 1-28102
- Kaleps, I. *see* Burns, M.L. 1-32164
- Kaler, J.B. Neutral oxygen and nitrogen lines in planetary nebulae 1-9600
- Kaler, J.B. AG Draconis 1-13787
- Kalesinskas, V. *see* Orliukas, A. 1-20822
- Kalastyanski, A. Improvement of the impulse response of a deigmadon optical system 1-1674
- Kaletka, M.O. *see* Nann, H. 1-14451
- Kalovich, V.K., Kul'kov, V.D., Fleisher, V.G. Optical cooling of the spin system of nuclei in a semiconductor lattice in a rotating system of coordinates 1-21076
- Kalibhatgi, G.T., Roberts, P.T. Measurements of fluctuating density and temperature in an axisymmetric flame 1-5286
- Kalia, R. *see* Kawamoto, G. 1-12177
- Kalia, R.K. *see* Dignam, M.J. 1-17070
- Kaliappan, P. *see* Lakshmanan, M. 1-5142
- Kalichak, T.N. *see* Poberezhnyi, Ya.L. 1-26571
- Kalifa, J., Berrier-Ronsin, G., Vergnes, M., Rotbard, G., Vernotte, J., Deschamps, Y., Seltz, R. [19] Pt via the (p,d) reaction 1-625
- Kalifa, J. *see* Vergnes, M. 1-45487
- Kalikhevich, N.S. *see* Il'kin, M.I. 1-13690
- Kalikhman, A.D. *see* Zakharov, V.N. 1-22589
- Kalikhman, V.L. Formation of $\text{W}_x\text{Nb}_{1-x}\text{Se}_2$ from its elements 1-48292
- Kalin, B.A., Skorov, D.M., Yakushin, V.L. Influence of the porosity level on Mo erosion during ion irradiation 1-16962
- Kalinichenko, A.I., Lazurik, V.T. Sound generation during radiolysis and the subsequent recombination of radiolysis products 1-39662
- Kalinichenko, V.A. *see* Sekerzh-Zen'kovich, S.Ya. 1-2010
- Kalinichenko, V.I. *see* Karpinos, D.M. 1-31406
- Kalina, A.E., Struchkov, Yu.T., Barykina, L.R., Karaulova, E.N. The structure of arylthiacycloalkanes with a hydroxy group in the benzene ring. III. Crystal structure of 1,1-di-p-hydroxyphenyl-(1'-p-phenolate)-trithiophanium biperchlorate 1-30218
- Kalinin, A.E. *see* Aleksandrov, G.G. 1-2420, 1-30217
- Kalinin, A.E. *see* Antipin, M.Yu. 1-30222
- Kalinin, A.N. *see* Bednyi, B.I. 1-47768
- Kalinin, A.S. *see* Reverdatto, V.V. 1-4496
- Kalinin, A.V. Laser fusion: prospects for energy applications 1-903
- Kalinin, A.V. *see* Bychkova, L.P. 1-32035
- Kalinin, B.A. *see* Semenov, Yu.G. 1-11491
- Kalinin, B.N. *see* Adishonov, Yu.N. 1-34384
- Kalinin, B.N. *see* Didenko, A.N. 1-48191
- Kalinin, B.N. *see* Dudkin, G.N. 1-18639
- Kalinin, B.N. *see* Vorob'ev, S.A. 1-30286
- Kalinin, D.G. *see* Zverev, G.M. 1-37520
- Kalinin, D.I. Use of a cylindrical model of a protein to determine the spatial structure of the rhombic modification of leghemoglobin 1-32095
- Kalinin, N.G. *see* Sarser, G.I. 1-38666
- Kalinin, R.I., Gusev, L.B., Nazarchuk, M.M., Kovetskaya, M.M. Investigation into dynamics of natural circulation of heat carrier in closed loop 1-1975
- Kalinin, V.B. *see* Lazoryak, B.I. 1-20167
- Kalinin, V.M. Role of the crystal and electronic structure in the formation of Invar properties in Fe-Co, $(\text{Fe}_x\text{Co}_{1-x})_{25}\text{Cr}_{75}$ systems 1-20981
- Kalinin, V.P. *see* Goryachuk, D.A. 1-25096
- Kalinin, V.R. *see* Mukhtarova, N.N. 1-30190
- Kalinin, Yu.E. *see* Zolotukhin, I.V. 1-20314
- Kalinina, E.P. *see* Rybakov, A.I. 1-13382
- Kalinina, E.V., Suvorov, A.V., Kholuyarov, G.F. Structure and properties of ion-implantation-doped p-n junctions in SiC 1-30813
- Kalinina, N.G. *see* Alekseev, G.D. 1-23952
- Kalinina, N.G. *see* Bednyak, L.G. 1-30530
- Kalinkevich, A.A. Polarization-frequency method for measuring dielectric-constant of film materials 1-44953
- Kalinkin, B.N., Shmonin, V.L. Hadron structure and specific features of the process of multiple generation at ultrahigh energies 1-5602
- Kalinkin, I.P. *see* Baltrameynas, R. 1-31193
- Kalinkin, I.P. *see* Sanitarov, V.A. 1-48334
- Kalinkin, I.P. *see* Sergeeva, L.A. 1-38684
- Kalinkin, L.V. *see* Volobuev, V.S. 1-5305
- Kalinkina, I.N., Grechushnikov, B.N. Spectral analysis of equilibrium chemical mixtures 1-4133
- Kalinkina, I.N. *see* Grechushnikov, B.N. 1-31122
- Kalinkina, I.N. *see* Koryshev, S.V. 1-5408
- Kalinkova, N.I. *see* Ivanov, I.M. 1-24008
- Kalinnikov, V.G. *see* Adam, I. 1-636
- Kalinnikov, V.G. *see* Alkhasov, G.D. 1-45464
- Kalinnikov, V.T. *see* Alkhanyan, A.S. 1-38041
- Kalinnikov, V.T. *see* Borukhovich, A.S. 1-38933
- Kalinnikov, V.T. *see* Chernov, A.P. 1-38286
- Kalinnikov, V.T. *see* Doroshenko, R.A. 1-52799
- Kalinnikov, V.T. *see* Golik, L.I. 1-3375
- Kalinnikov, V.T. *see* Lyashenko, N.I. 1-30933
- Kalinnikov, V.T. *see* Meshchikova, T.K. 1-43289
- Kalinovskii, V.R. *see* Borisov, Yu.S. 1-39492
- Kalinovska, B., Jedlinska, J., Woycicki, W., Stecki, J. Heat capacities of liquids at temperatures between 90 and 300K and at atmospheric pressure. I. Method and apparatus, and the heat capacities of n-heptane, n-hexane, and n-propanol 1-23241
- Kalinowski, J., Konishi, K. Picture of QCD jets: Leading log approximation and beyond it 1-45239
- Kalinowski, J. *see* Sigerski, R. 1-34749
- Kalinowski, J.E., Hrico, G.J. Mechanical interaction effects during compaction of a hexagonal core array 1-14670
- Kalinowski, J.E. *see* Foster, J.P. 1-37000
- Kalinowsky, H. *see* Gastaldi, U. 1-14733
- Kalinowsky, H. *see* Graff, G. 1-557
- Kalinski, J. Self-adjustable microwave attenuation and phase shift monitor for on-line industrial measurements 1-28024
- Kalintsev, A.G. *see* Volosov, V.D. 1-33696
- Kalinushkin, E.P. *see* Movchan, V.I. 1-8499
- Kalischer, P. Application possibilities of heat pumps for space heating in the Federal Republic of Germany 1-35676
- Kalish, E.N. Electronic computer system for absolute laser measurements of gravitation 1-44992
- Kalish, R., Shu, N.K.B., Benczer-Koller, N., Holthuisen, A., Rutten, A.J., Becker, F.A., Van Middelkoop, G. The transient hyperfine field at Si, Pd and Pt ions traversing iron and nickel foils 1-16267
- Kalisher, M.H. *see* Neurgaonkar, R.R. 1-26379
- Kalishevich, G.I., Romasheva, L.F., Sychev, N.I., Gel'd, P.V. Low-temperature specific heat of $\text{Fe}_{1-x}\text{Co}_x\text{Si}$ solid solutions 1-20419
- Kaliski, S., Denus, S., Fiedorowicz, H., Godzik, J., Nagraba, S., Ryc, L., Sulwinski, L., Szypula, W., Wolowski, J., Woryna, E. Spherical laser-driven compression of plasma apparatus and preliminary investigation results 1-34095
- Kaliski, S. *see* Derentowicz, H. 1-37968
- Kaliski, S. *see* Galkowski, A. 1-37018
- Kalisky, Y. *see* Moine, B. 1-52982
- Kalisky, Y. *see* Reinfeld, R. 1-16584
- Kalitevskaya, E.N., Razumova, T.K. Photochemical conversions and short-wavelength luminescence of polymethine dyes. Studies of short-wavelength luminescence 1-3471
- Kalitenko, V.A., Perga, V.M., Salivonov, I.N. Determination of the temperatures of phase transitions in barium and strontium titanates by acoustic emission 1-31104
- Kalitina, L.N. *see* Rozental, O.M. 1-8464
- Kalitikin, N.N., Sinenko, V.M. Detonation-generated shock wave 1-51813
- Kaliya, O.L. *see* Gurdzhiyan, L.M. 1-17077
- Kalikani, E.C. Filtering probe inclinometer data to identify characteristics of slope movement 1-32556
- Kalkowski, G. *see* Stewart, G.A. 1-7980
- Kallaev, S.N. *see* Gladkii, V.V. 1-3344, 1-43077
- Kallas, E., Reich, W. A 21 cm radio continuum survey of the galactic plane between $l=93^\circ$ and $b=162^\circ$ 1-9666
- Kallast, V.A. *see* Kubarsepp, J.P. 1-39495
- Kallen, E.K., Wiin-Nielsen, A.C. Non-linear, low order interactions 1-44281
- Kallenbach, N.R. *see* Englander, S.W. 1-39876
- Kallend, J.S. *see* da Costa Viana, C.S. 1-43368
- Kallfass, M., Horz, G. Specimen preparation and metallographic studies in the alloy systems of the Va metals vanadium, niobium, and tantalum with nitrogen, oxygen, or carbon. II. Metallographic studies 1-31796
- Kallianpur, V. *see* Kujawski, D. 1-35311
- Kalliat, M., Farooq, M.U., Kumar, P., Nath, A. Isotopic exchange in solid cobalt phthalocyanine. II. Space-charge-limited electron injection 1-53417
- Kalliat, M., Nath, A. Isotopic exchange in solid cobalt phthalocyanine. I. Thermal treatment and charge transfer interactions 1-53416
- Kallin, C. *see* Berlinsky, A.J. 1-52789
- Kalliomaki, M.S. *see* Meisalo, V.P.J. 1-29953
- Kallman, T., McCray, R. Efficiency of the Bowen fluorescence mechanism in static nebulae 1-49484
- Kallne, E. *see* Tatchyn, R. 1-15255
- Kallne, J., Davis, J., Minehart, R.C., Whitney, R.R., Boudrie, R.L., McClelland, J., Stetz, A.W. Two-nucleon pion absorption in ^3He 1-18686
- Kallo, P. Relationship between the shape factors of lenses of objectives corrected for infinite and the parameters of the early stage of design 1-1664
- Kallo, P. Investigation of the correctibility of oculars with long exit pupil distance in the initial design phase 1-15247
- Kalloglyan, A.T. *see* Borngen, F. 1-9662, 1-36395
- Kallos, R.E. Counterterms in extended supergravities 1-50023
- Kalmitz, P. *see* Hensgens, C. 1-35697
- Kallwa, A.H. Nuclear and space radiation effects in infrared detectors 1-5395
- Kalman, B. Relation of sunspot penumbral structure to the magnetic field vector 1-27448
- Kalman, C.S. *see* Athanassakos, E. 1-45153
- Kalman, E. *see* Haklik, I. 1-14214
- Kalman, G. *see* Golden, K.I. 1-19911
- Kalman, G. *see* Shima, Y. 1-19868
- Kalman, O.F. *see* Spezeski, J.J. 1-15023
- Kalmanovsky, V.I. Methods of certifying chromatographs 1-26802
- Kalmbach, S.H. *see* Crittenden, E.C., Jr. 1-22454
- Kalmus, G. *see* Barloutaud, R. 1-36885
- Kalmus, G.E. *see* Cameron, W. 1-36880
- Kalmus, P.I.P. *see* Watts, S.J. 1-5648, 1-23518
- Kalmykov, A.M. *see* Draganov, A.B. 1-51958
- Kalmykov, V.V. *see* Kondratenko, V.M. 1-26685
- Kalmykov, Yu.P. *see* Gayduk, V.I. 1-16539
- Kalmykova, S.S. Charge density wave radiation conditions 1-2205
- Kalnay, A.J. On fundamental realizations of Lie-admissible algebras: flexibility, centers, and nuclei 1-28230
- Kal'ner, D.A., Basin, F.I. Maximum dynamic tensile strength of steel and method of determining it 1-3858
- Kalinin, A.E., Trinkler, M.F. The polarization and kinetic investigation of the A-luminescence of KCl-Pb 1-16603
- Kalnin, R.K. *see* Zhuk, V.V. 1-15052
- Kalnin, Y.U. Rate constant dependence on spatial distribution of sinks for diffusion-controlled reactions $A+B \rightarrow A$ 1-15922
- Kalnin'sh, D.O., Pavlov, V.I., Poslyuchenko, R.E., Simonov, V.D. Calculations and experimental studies on the optimization of operation regime of IRT reactor 1-14646
- Kalinin'sh, D.O. *see* Rabsha, S.Ya. 1-48706
- Kalogeropoulos, T., Tzanakos, G.S. Total and partial Pd cross sections from 0.26 to 0.47 GeV/c 1-33197
- Kalos, F., Ntikirutinka, C., Mpawenayo, P., Saunier, G. Solar collector development in Rwanda 1-21924
- Kalos, M.H. *see* Lee, M.A. 1-52382
- Kalos, M.H. *see* Webman, I. 1-26528
- Kalos, M.H. *see* Zabolitzky, J.G. 1-50525
- Kaloustian, A. *see* Corcoran, R.A. 1-38855
- Kaloyanov, S.M. Linearization of the thermoelectromotive voltage in the measuring of temperatures in systems with microprocessor control 1-9979
- Kalpakchieva, R. *see* Borcea, C. 1-28493
- Kalpakjian, S. *see* Thakkar, B.S. 1-48370
- Kalra, S.P., Adams, G. Thermal hydraulics of steam line break transients in thermal reactors—simulation experiments 1-50799
- Kalra, S.P., Adams, G., Duffey, R.B., Lapson, W., Lundberg, R. Experimental simulation studies of PWR U-tube steam generators 1-28556
- Kalra, S.P., Zvirin, Y. Shock wave-induced bubble motion 1-29762

- Kalsbeek, F., Pidgeon, R.T. The geological significance of Rb-Sr whole-rock isochrons of polymetamorphic Archaean gneisses, Fiskenset area, southern west Greenland 1-13423
- Kalshoven, A.W.B., Van Ruyven, J.J., Hesselink, W.H.A., Ludziejewski, J., Verheul, H., De Voigt, M.J.A. Gamma-ray spectroscopic study of ^{101}Ag 1-10321
- Kalshoven, A.W.B. *see* De Boer, F.W.N. 1-23667
- Kalshoven, A.W.B. *see* Ludziejewski, J. 1-50508
- Kalsi, S.S. *see* Heinrich, J.P. 1-50926
- Kalso, M.H. *see* Webman, I. 1-38235
- Kalugin, M.M., Potapov, S.E., Tyutchev, M.V. Multicenter laser using transitions of copper and gold atoms with emission in UV, green, yellow, and red regions 1-33669
- Kalugin, M.M., Potapov, S.E., Tyutchev, M.V. Experimental study of lasers using free transitions of gold atoms 1-33670
- Kalugin, V.M., Kolomyitseva, G.I., Rotanov, N.M. Use of the operational method for solving the problem of electromagnetism induction in the lower mantle of the Earth 1-22197
- Kalugina, S.K. *see* Ostrovskii, M.V. 1-48777, 1-48778
- Kalus, C. *see* Weigel, F. 1-47061
- Kalus, J. *see* Natkaniec, I. 1-2575
- Kalus, J. *see* Schmelzer, U. 1-47186
- Kaluski, I. Calibration device choice and estimation of adequate measurements number during statistical identification of the measurement devices accuracy 1-23161
- Kaluzyński, L.J., Holt, S.S., Swank, J.H. The 1979 X-ray outburst of Centaurus X-4 1-22925
- Kaluzny, J., Konecny, M. Ultrasonic fields' imaging by means of liquid crystals 1-15338
- Kalvey, V.R. *see* Meservey, R. 1-42923
- Kalvius, G.M. *see* Moser, J. 1-47992
- Kalyagin, G.A. *see* Boldeskul, I.E. 1-1230
- Kalyagina, I.P. *see* Virgil'ev, Yu.S. 1-34374
- Kalyanasundaram, K. *see* Darwent, J.R. 1-8593
- Kalyanasundaram, N. Nonlinear surface acoustic waves on an isotropic solid 1-29594
- Kalyanasundaram, N. Finite-amplitude Love-waves on an isotropic layered half-space 1-29595
- Kalyskin, V.I., Kostromin, A.G., Kudryavtseva, L.K., Mitroshin, V.G., Sokolova, L.V., Ushakov, P.A. Statistical characteristics of temperature pulsations of liquid metal in a cell densely packed with rods 1-15483
- Kalyshev, G.A. *see* Rubeko, L.A. 1-46333
- Kalyuzhnyi, V.E. *see* Vikulov, V.F. 1-41263
- Kalyuzhnyi, G.S. *see* Golubnichii, P.I. 1-15519
- Kam, F.B.K., Stallmann, F.W. Status report on activities of ASTM E10.05-01 task group on uncertainty analysis 1-50983
- Kam, P.M.A. *van der see* van der Kam, P.M.A.
- Kam, P.M.A. *van der see* van der Kam, P.M.A.
- Kamada, H. *see* Gohshi, Y. 1-10751
- Kamada, H. *see* Owari, M. 1-53050
- Kamada, K. *see* Sagara, A. 1-25560
- Kamada, M., Furukawa, K., Tsutsumi, K. Thermally stimulated electroelectron emission in KCl:Ti, KCl:Cu and undoped KCl 1-43252
- Kamada, M., Ichikawa, K., Tsutsumi, K. X-ray photoelectron spectra of NaNO_2 and KNO_2 1-39213
- Kamada, N. *see* Ohkita, T. 1-49078
- Kamada, T. *see* Aihara, H. 1-45336
- Kamakura, M. *see* Ohta, A. 1-48635
- Kamal, A.A. *see* Subba Rao, K.V. 1-6411
- Kamal, A.N., Verma, R.C. Right handed current and two body hadronic chain decays 1-33151
- Kamal, M.R., Nyun, H. Capillary viscometry: a complete analysis including pressure and viscous heating effects 1-30441
- Kamal, M.R. *see* Moy, F.H. 1-43366
- Kamal, R., Bjarnan, S., Wappling, R. Mossbauer study of the amorphous ferromagnet 2826 MB 1-47990
- Kamalasanan, M.N. *see* Mehendru, P.C. 1-18321
- Kamalar, I.A., Komissarov, V.A., Mende, N.P. Preparation of the IAB-451 instrument for operation as a diffraction interferometer 1-41818
- Kamalov, V.F. *see* Bareika, B. 1-51496
- Kamanin, P.M., Kachanov, V.M. Experimental investigation of resonance absorption in RBMK lattice 1-28513
- Kamaras, K., Holczer, K., Janossy, A. Infrared spectra of the neutron irradiated quasi-one-dimensional charge transfer salts $\text{TEA}(\text{TCNQ})_2$ and $\text{Qn}(\text{TCNQ})_2$ 1-3421
- Kamaras, K., Holczer, K., Janossy, A. Infrared spectra of the neutron irradiated quasi-one-dimensional charge transfer salts $\text{TEA}(\text{TCNQ})_2$ and $\text{Qn}(\text{TCNQ})_2$ 1-31147
- Kamarinos, G., Pananakakis, G., Zadworny, F. Simulation of doping profiles in silicon 1-20469
- Kamarzin, A.A. *see* Skorniyakov, G.P. 1-12510
- Kamarzin, A.A. *see* Vasil'eva, I.G. 1-48335
- Kamat, M.P. *see* Satyamurthy, K. 1-2714, 1-37766
- Kamata, S. *see* Kanou, K. 1-26639
- Kamata, T. Fatigue properties of 9% Ni steel and its welded joint at room and liquid nitrogen temperatures 1-26610
- Kamatari, A. *see* Hug, W. 1-28977
- Kamath, G.S. *see* Knechtli, R.C. 1-39793
- Kamavidar, V.S., Deshmukh, B.T. Thermoluminescence of Zr centre in Sr-doped KCl 1-31207
- Kambara, T. The effect of iron concentration on the high-spin-low-spin transitions in iron compounds 1-25952
- Kambara, T. *see* Isshiki, Y. 1-38832
- Kambara, T. *see* Oguchi, T. 1-2869
- Kambara, T. *see* Terasawa, H. 1-12523
- Kambe, H., Yokota, R. The degradation of an aromatic polyamideimide in an NO_2 atmosphere 1-48545
- Kambe, H. *see* Kojima, T. 1-35063
- Kambe, K. *see* Hashimoto, M. 1-42301
- Kambe, K. *see* Takayanagi, K. 1-20594
- Kambe, N. *see* Berker, A.N. 1-16788
- Kambe, N. *see* Boynton, R.M. 1-17391
- Kambe, N. *see* Dresselhaus, M.S. 1-34329
- Kambe, R. *see* Doi, M. 1-6897
- Kambe, T., Minota, T. Sound radiation from vortex systems 1-51767
- Kambersky, V., Kaczer, J. A note on the ferromagnetic Faraday rotation of X-rays 1-52918
- Kameari, A. *see* Ninomiya, H. 1-911
- Kameda, A. *see* Kakuta, A. 1-14661
- Kameda, A. *see* Miyazawa, T. 1-18732
- Kameda, J., McMahon, C.J., Jr. The effects of Sb, Sn, and P on the strength of grain boundaries in a Ni-Cr steel 1-53267
- Kamei, F. *see* Ihara, M. 1-11738
- Kamei, H. *see* Kawarada, H. 1-8883
- Kamei, S. *see* Awakura, Y. 1-11868
- Kamei, S. *see* Iwami, M. 1-30819
- Kamel, M.M., Khalil, A. Explosion hazards of LNG and LPG carriers during transport 1-48787
- Kamel, R. *see* Badr, Y.A. 1-7323
- Kamel, R. *see* Nagy, M.R. 1-53235
- Kameler, G., Sdout, G., Suda, M., Woloch, F. Criticality calculations by means of NEA codes 1-33338
- Kamenetskaya, D.S. *see* Barabanov, I.R. 1-23981
- Kamenetskii, L.M. *see* Aleksandrov, G.V. 1-49134
- Kamenev, A.I. *see* Agasjan, P.K. 1-32077
- Kamenev, N.N. *see* Avtonomov, V.P. 1-33708
- Kamenev, V.I., Kameneva, V.Yu., Romanova, N.A. Attachment to X-ray diffractometer for compressibility measurements 1-45098
- Kamenev, V.I. *see* Zavadskii, E.A. 1-45095
- Kameneva, V.Yu. *see* Bar'yakhtar, V.G. 1-47044
- Kameneva, V.Yu. *see* Kamenev, V.I. 1-45098
- Kamenkov, E.F. *see* Appazov, R.F. 1-54341
- Kamenobrodskii, A.G. Behaviour weak earthquake epicentres in the region of a strong earthquake preparation 1-22246
- Kamenetskii, M.G. *see* Molchanov, Yu.M. 1-15818
- Kameoka, T. *see* Matsumoto, N. 1-18718
- Kamerdzhev, S.P. Theory of giant resonances in nuclei in the $1p_{1/2}+2p_{3/2}+\text{continuum}$ approximation 1-682
- Kamermans, R. *see* Van Driel, J. 1-23562, 1-41123
- Kameswara Rao, N. Infrared observations of UV Cas 1-40492
- Kameswara Rao, N. *see* Parthasarathy, M. 1-22798
- Kametani, H., Aoki, A. Galvanic electrolysis of copper 1-5850
- Kameyama, E. *see* Kamiya, N. 1-24679
- Kameyama, H., Yoshida, K. On the concept of standard exergy 1-18185
- Kamide, K. *see* Manabe, S. 1-39679
- Kamieniecki, E., Kozior, T.E., Lagowski, J., Gatos, H.C. Study of GaAs-oxide interface by transient capacitance spectroscopy: discrete energy interface states 1-16377
- Kamigai, T. *see* Kasamatsu, Y. 1-42555
- Kamigai, T. *see* Kojima, K. 1-38914
- Kamigaki, K. A high-pressure apparatus for TOF neutron diffraction 1-44947
- Kamijo, N., Terauchi, H. X-ray study of phase transition in $[\text{Co}_2(\text{C}_2\text{H}_3)_2\text{S}_2]$ 1-47228
- Kamijo, N. *see* Terauchi, H. 1-34256
- Kamijoh, T., Kuriyama, K. Single crystal growth and characterization of LiInSe_2 1-12647
- Kamikawa, T. *see* Nagasaka, S. 1-2928
- Kamilov, I.K. *see* Aliev, Kh.K. 1-11889
- Kamilov, T.S. *see* Abdurakhmanov, K.P. 1-20405
- Kamimori, T. *see* Kadomatsu, H. 1-7826
- Kamimoto, G. *see* Ono, K. 1-24392
- Kamimoto, M., Tanaka, T., Tani, T., Horigome, T. Investigation of nitrate salts for solar latent heat storage 1-8763
- Kamimoto, M., Tani, T. Effect of conduction promoters and fins on heat transfer in latent heat storage unit 1-43807
- Kamimura, H. Diagonal and off-diagonal correlation effects in Anderson-localised states 1-47573
- Kamimura, H. *see* Chang-Rim Lee 1-7123
- Kamimura, H. *see* Gemma, N. 1-48120
- Kamimura, K., Suzuki, T., Kunioka, A. InP metal-insulated-semiconductor Schottky contacts using surface oxide layers prepared with bromine water 1-7705
- Kamimura, K., Suzuki, T., Kunioka, A. InP (MIS) Schottky barrier solar cells 1-8721
- Kamimura, K., Suzuki, T., Kunioka, A. Properties of Schottky barriers on p-type indium phosphide 1-25790
- Kamimura, M. Transition densities between the O_1^+ , 2_1^+ , 4_1^+ , O_2^+ , 2_2^+ , 1_1^- and 3_1^- states in ^{12}C derived from the three-alpha resonating-group wave functions 1-33239
- Kamimura, T. *see* Aizawa, M. 1-2229, 1-19952
- Kamimura, T. *see* Katsumura, I. 1-29903
- Kamimura, T. *see* Makino, M. 1-24930
- Kamimura, T. *see* Naitou, H. 1-38140
- Kamimura, T. *see* Ogino, T. 1-38072
- Kamimura, T. *see* Ohawara, Y. 1-25051
- Kamimura, T. *see* Tanaka, M. 1-46921
- Kaminaga, U. *see* Matsushita, T. 1-34194, 1-34195
- Kaminer, N.S. *see* Belov, A.V. 1-4726, 1-36128
- Kaminow, I.P. Polarization in fibers 1-11101
- Kaminow, I.P. Polarization in optical fibers 1-41848
- Kaminow, I.P., Marcuse, D., Presby, H.M. Multimode fiber bandwidth: theory and practice 1-11115
- Kaminow, I.P., Turner, E.H., Barns, R.L., Bernstein, J.L. Crystallographic and electro-optic properties of cleaved LiNbO_3 1-3368
- Kamins, T.I., Lee, K.F., Gibbons, J.F. Interface charges beneath laser-annealed insulators on silicon 1-3070
- Kamins, T.I. *see* Mandurak, M.M. 1-38401
- Kaminska, M. *see* Godlewski, M. 1-31017
- Kaminskas, V.A. *see* Gegznaite, L.J. 1-16609
- Kaminski, A.S., Karasyuk, V.A., Pokrovski, Ya.E. Interaction of charge carriers in multiparticle exciton-impurity complexes in Si 1-52497
- Kaminski, H., Kessler, J., Kollath, J.P. Photoionization of the 7^2P excited states of cesium 1-19066
- Kaminski, N.J. *see* Aksinenko, V.D. 1-18662
- Kaminskii, A.A. New inorganic laser materials 1-11005
- Kaminskii, A.A. Laser crystals. Their physics and properties 1-44723
- Kaminskii, A.A., Pavlyuk, A.A., Agamalyan, N.R., Sarkisov, S.E., Bobovich, L.I., Lukin, A.V., Lyubchenko, V.V. Stimulated radiation of Nd^{3+} ions in monoclinic $\text{KLu}(\text{WO}_4)_2$ crystals at room temperature 1-31167
- Kaminski, V.V., Terukov, E.I., Shelykh, A.I. Photoconductivity spectrum of VO_2 single crystals 1-25762
- Kaminski, V.V. *see* Goncharova, E.V. 1-47473
- Kaminsky, A.K., Meshcherov, R.A., Popova, M.I., Sazhin, V.D. Angular and energy distributions of electrons generated by ion accelerator beams 1-51015
- Kaminsky, G. *see* Tsui, D.C. 1-12201
- Kaminsky, M. Clad materials for fusion applications 1-18892
- Kaminsky, M., Lam, S.K., Moy, K. Sputtering of TiB₂ coatings under D^+ and $^4\text{He}^+$ ion bombardment 1-21321
- Kamishima, Y., Jacobs, P.W.M., Simkin, D.J., Martin, J.-P., Oyama-Gannon, K. Emission spectroscopy of alkali halide phosphors doped with s^2 ions: $\text{K}:\text{Sn}^{2+}$ 1-12577
- Kamisuki, T., Moriyama, I., Igarashi, R., Adachi, Y., Maeda, S. Resonance CARS of pyrene in excited state and of pyrene-N,N-diethylaniline exciplex [formed in cyclohexane solutions] 1-3380
- Kamitakahara, W.A., Khatamian, D., Peterson, D.T., Mook, H.A. Neutron-scattering study of hydrogen diffusion in thorium 1-20462
- Kamitakahara, W.A. *see* Khatamian, D. 1-20140
- Kamiura, Y., Takada, T., Hashimoto, F., Sakaji, Y., Hattori, T. Ionization energy of quenched-in shallow acceptors in germanium 1-2910
- Kamiuto, K., Nakagawa, K., Echigo, R., Hasegawa, S., Suefuku, Y. Experimental and analytical study on enhancement of simultaneous radiative and convective heat transfer by porous bodies with high porosity 1-19798
- Kamiya, K., Sakka, S. $\text{TiO}_2\text{-SiO}_2$ glasses prepared from metal alkoxides 1-31407
- Kamiya, K. *see* Sakka, S. 1-31408
- Kamiya, K. *see* Schiller, N.H. 1-10038
- Kamiya, M. Dynamic perturbation effects upon the circular dichroism intensity induced in an aggregate of dye chromophores bound to biopolymers 1-24295
- Kamiya, M. *see* Sera, K. 1-24265
- Kamiya, N., Kameyama, E. On the effect of boundary conditions on finite deflections of heated annuli exhibiting temperature-dependent properties 1-24679
- Kamiya, S., Yoshimura, M., Somiya, S. Microstructural study for a homologous series of $\text{Cr}_2\text{Ti}_{1-x}\text{O}_{2-x}$ with (121), crystallographic shear structure 1-20155

- Kamiya, T. Optical properties of solids. Light emission, absorption and photoelectric effects. I 1-6449
- Kamiya, T. Optical properties of solids—light emission. Absorption and photoelectric effects 1-8121
- Kamiya, T. *see* Hirose, S. 1-39132
- Kamiya, T. *see* Sensui, S. 1-11205
- Kamiya, Y., Goto, T. Extinction contour in electron microscopic images of crystals 1-11643
- Kamiya, Y., Kihara, M. Limitations on beam size in the Photon Factory storage ring 1-23889
- Kamiya, Y., Nonoyama, M. Top-bottom effect in electron microscopic images of crystal defects 1-45081
- Kamiyama, S., Yamasaki, T. One predicting method of gaseous cavitation occurrence in water and sodium 1-33993
- Kamizono, H., Nakagawa, Z., Hamano, K. A microstructural feature of the grain growth process of magnesia and its correlation to crystallographic orientations 1-43385
- Kamlet, M.J., Dickinson, C., Taft, R.W. Linear solvation energy relationships. Solvent effects on some fluorescence probes 1-29014
- Kamm, R.D. *see* Slutsky, A.S. 1-26933
- Kammash, T. *see* Campbell, R.B. 1-41236
- Kammash, T. *see* Cooper, W.A. 1-46883
- Kammerer, C.C. Fresnel lenses for ultrasonic inspection 1-39562
- Kammeyer, P.C. Properties of linearized mappings associated with periodic orbits in the three-body problem 1-4752
- Kammings, P., van Dobegom, B. The structure of the 1:2 complex 4,4-dimethylmorpholinium 7,7,8,8-tetracyanoquinodimethanide, DMM(TCNO)₂, at 294K 1-34338
- Kammings, W. An analytic solution of the film thickness of laminar film condensation on inclined pipes 1-1912
- Kammloft, G.W. *see* Schwartz, G.P. 1-16762
- Kamrath, W. *see* Goebel, R. 1-23375
- Kamo, H. Necessary and sufficient conditions for the existence of a Lagrangian. The case of quasi-linear field equations 1-23401
- Kamo, H., Watari, W. Phenomenological analysis of $p+p \rightarrow \pi^+ + d$ in the energy range 400–800 MeV and di-proton resonances. II 1-582
- Kamo, H., Watari, W. 3F_4 enhancement in the reaction $pp \rightarrow \pi^+ d$. Model-dependent partial-wave analysis from 570 to 810 MeV 1-14410
- Kamo, H., Watari, W., Yonezawa, M. A partial-wave analysis of $p+p \rightarrow \pi^+ + d$ reaction from threshold to $T_L = 578$ MeV 1-50457
- Kamogawa, H. OTEC research in Japan 1-13153
- Kamorin, G.I. *see* Makarov, B.V. 1-21375, 1-21398
- Kamoun, M., Miron, P. Intermolecular coupling of the C=O stretching vibrations in liquid acetone: an isotopic dilution study 1-6224
- Kamp, A. *see* Arnolds, D.E.A.T. 1-49138
- Kamp, P.J.J. Pacifica and New Zealand: proposed eastern elements in Gondwanaland's history 1-32429
- Kampa, A.de la *see* de la Kampa, A.
- Kampa, E.M. *see* Young, R.E. 1-49177
- Kampar, V.E., Nartshy, Ya.N., Neiland, O.Ya. Unusual effect of laser induced photolysis of CTC dibenzotetrathiafulvalene:tetracyanoethylene in CT band 1-17080
- Kampen, N.G.van *see* van Kampen, N.G.
- Kamper, K.W. Tycho's supernova 1-32743
- Kamperman, T.M. *see* Burger, M. 1-13775
- Kamperschroer, J.H. *see* Colleraine, A.P. 1-6019
- Kamperschroer, J.M. *see* Doll, D.W. 1-6018
- Kampf, S., Schilling, A., Solondz, D., Wuttke, W. Strength investigations of subsurface regions stressed by tribomechanical loading 1-21592
- Kamphorst, J.G., Hellstrom, E.E. Fast Li conduction in solid solutions of the system $\text{Li}_2\text{GeO}_4\text{-Li}_2\text{ZnGeO}_4\text{-Li}_2\text{PO}_4$ 1-7377
- Kampp, T.D. *see* Baily, N.A. 1-17476
- Kampwirth, R.T., Gray, K.E. NbN materials development for practical superconducting devices 1-52730
- Kamran, M. *see* Saleem, M. 1-41011
- Kamshiliu, A.A., Petrov, M.P. Holographic image conversion in a Bi_2SiO_5 crystal 1-33642
- Kamutavicius, G.-P.P., Sabaliauskas, L.J., Janakauskas, K.I. Investigation of the role of higher harmonics in description of the ^{12}C nucleus ground state 1-14452
- Kamutavicius, G.-P.P., Sabaliauskas, L.J., Janakauskas, K.J. Higher harmonics and the spectrum of O^+ -states of nuclide ^{12}C 1-18569
- Kamutavicius, G.-P.P. *see* Bernotas, A.P. 1-14475
- Kamykowski, E.A. *see* Adler, P.N. 1-15919
- Kamyshkov, A.S. *see* Serdyuk, V.A. 1-53288
- Kan, C.Y. *see* Alamgir, Md. 1-37012
- Kan, J.R., Lee, L.C. Theory of imperfect magnetosphere-ionosphere coupling 1-22606
- Kan, J.R., Lee, L.C. On the mechanisms producing the backscattered and the trapped electrons along auroral field lines 1-22640
- Kan, J.R. *see* Akasofu, S.-I. 1-17720
- Kan, K.H.S. *see* Bednyak, L.G. 1-30530
- Kan, M. *see* Awaka, J. 1-17726
- Kan, M. *see* Sinno, K. 1-27339
- Kan, M.K., Hopkins, G.B. Inexpensive ventricular phantom for ECG-gated equilibrium studies 1-17478
- Kan, P.T. *see* Smith, V. 1-22125
- Kan, S.K. *see* Courtieu, J. 1-52851
- Kan, T. *see* Hargrove, R.S. 1-15184
- Kan, T. *see* Tsuya, N. 1-8251
- Kan Ka, K. *see* Gamo, K. 1-12640
- Kan Kit-Keung *see* Kit-Keung Kan
- Kan Ngo Zui *see* Ngo Zui Kan
- Kanada, H. *see* Furuchi, S. 1-14384
- Kanada, H. *see* Liu, Q.K.K. 1-41125
- Kanada, K. *see* Miwa, T. 1-19630
- Kanaev, A.V. *see* Zuev, V.S. 1-33499
- Kanagy, C.A. *see* Rowan, R. III 1-1264
- Kanai, K. *see* Sasaki, T. 1-41277
- Kanai, Y. *see* Yasuda, A. 1-42211
- Kanaji, T. *see* Toki, T. 1-28001
- Kanal, L.N. Parsing of medical waveforms [pattern recognition] 1-32275
- Kanal, M. *see* Hsueh, P.K. 1-932
- Kanamaru, F. *see* Taguchi, H. 1-38354
- Kanamaru, F. *see* Takahashi, K. 1-30059
- Kanamaru, N. *see* Tanaka, J. 1-35073
- Kanamori, A. *see* Tajima, M. 1-47556
- Kanamori, H., Urahe, K., Nishimura, T. Lattice vibration modes in KHF_2 1-11822
- Kanamori, H. *see* Butler, R. 1-27067
- Kanamori, H. *see* Hayashi, S. 1-48184
- Kanamori, H. *see* Ruff, L. 1-9108
- Kanamori, J. *see* Takayama-Yoshida, H. 1-7556
- Kanamori, S. A study on the penetration of platinum into silicon in Ti/Pt/Au beam lead metalization systems 1-31351
- Kanamori, T. *see* Shibata, S. 1-6625
- Kanamoto, T. *see* Wang, Y.K. 1-52250
- Kanani, D. *see* Duke, C.B. 1-42612
- Kanao, M. Present state and some problems on numerical data activities for strength of metallic materials (especially for fatigue property) 1-43485
- Kanaoka, C., Emi, H., Myojo, T. Simulation of the growing process of a particle dendrite and evaluation of a single fiber collection efficiency with dust load 1-20595
- Kanaoka, S. *see* Kato, E. 1-48087
- Kanarek, T. *see* Abdrhmanov, E.O. 1-722
- Kanarek, T. *see* Grishin, V.G. 1-45356
- Kanasewich, E.R. *see* Ganley, D.C. 1-22524
- Kanatenko, M.A. *see* Belyatskii, A.F. 1-29944
- Kanatenko, M.A. *see* Gurevich, D.B. 1-42246
- Kanaya, K. Neutrino mixing in the minimal SO(10) model 1-50357
- Kanaya, K. *see* Baba, N. 1-33078
- Kanaya, K. *see* Oikawa, T. 1-30017, 1-40905
- Kanayama, K. *see* Ogata, H. 1-20249
- Kanzawa, A. *see* Haruyama, M. 1-506
- Kanzawa, K., Yamaguchi, K., Nagai, H. Effects of rising mean strain on elevated-temperature, low-cycle fatigue life of JIS SUS 316 austenitic stainless steel 1-8436
- Kanzawa, K. *see* Yamaguchi, K. 1-8434, 1-16878, 1-43495
- Kanzawa, M. *see* Kim, Y.-C. 1-26762
- Kanzawa, M. *see* Suzuki, T. 1-17520
- Kanzawa, T. *see* Hosono, H. 1-38973
- Kanzawa, T. *see* Kawazoe, H. 1-3242
- Kanzawa, T. *see* Nagai, M. 1-2677
- Kanbach, G., Bennett, K., Bignami, G.F., Bucheri, R., Caraveo, P., D'Amico, N., Hermens, W., Lichti, G.G., Masnou, J.L., Mayer-Hasselwander, H.H., Paul, J.A., Sacco, B., Swanenburg, B.N., Wills, R.D. Detailed characteristics of the high-energy gamma radiation from PSR 0833-45 measured by COS-B 1-13792
- Kanbach, G. *see* Bignami, G.F. 1-36429
- Kanbach, G. *see* Caraveo, P.A. 1-22865
- Kanbach, G. *see* Pollock, A.M.T. 1-44631
- Kanbara, K. *see* Ogasawara, T. 1-52695
- Kanbe, H. *see* Ando, H. 1-45012
- Kanbe, H. *see* Susa, N. 1-25589, 1-45011
- Kanbe, M. *see* Toriyama, T. 1-10603
- Kancerevicius, A.J. Least-squares solution of ice equations 1-19009
- Kanchev, O.D., Politiko, S.K. Determining the fracture toughness of beryllium from the data of fractographic investigations 1-35367
- Kancheli, O.V. *see* Abramovski, V.A. 1-18458
- Kancheva, L., Pushkarov, D., Rashev, S. Quasi-levels and dynamics of a three-level system 1-41351
- Kanclelis, Z. *see* Dienys, V. 1-2997, 1-20757
- Kanda, H., Akaishi, M., Endo, T., Osawa, T., Yamaoka, S., Fukunaga, O., Setaka, N. Growth of large diamond crystals 1-35169
- Kanda, H., Akaishi, M., Setaka, N., Yamaoka, S., Fukunaga, O. Surface structures of synthetic diamonds 1-20520
- Kanda, H. *see* Akaishi, M. 1-35214
- Kanda, K. *see* Nakatsuji, H. 1-6135
- Kanda, M., Ries, F.X. Dipole-based EM probe grabs complex fields 1-50170
- Kanda, Y., Hoshi, Y., Hirata, K., Takeuchi, H. Specific surface increase during ball mill grinding 1-35410
- Kandalyan, R.A., Sanamyan, V.A. Observations of Herbig-Haro objects at 3.66 GHz 1-22862
- Kandalyan, R.A. *see* Sanamyan, V.A. 1-22890
- Kandasamy, K., Surplice, N.A. The predominance of a surface plane of high work function on Ti films 1-38837
- Kandaswamy, J. *see* Bebek, C. 1-33191
- Kandaswamy, J. *see* Chadwick, K. 1-33192
- Kandaurova, G.S., Lagutin, A.E., Keilin, V.I. Domain structure of single-crystal (110) plates of highly anisotropic compound DyFe_2 1-25978
- Kandell, A.Y., Immarigeon, J.-P.A., Wallace, W., de Malherbe, M.C. Flow behaviour of Mar M200 powder compacts during isothermal forging 1-16847
- Kandemir, G. RGU three-colour photometry of a field in Norma (Norma III) 1-49614
- Kandiev, Ya.Z. *see* Filimoncheva, P.I. 1-999
- Kandilarov, B.D., Detcheva, V., Primatarowa, M.T. Energy-band profile and interface potential step in the theory of semiconductor heterojunctions 1-7698
- Kandpal, T.C., Mathur, S.S., Singh, R.N. Performance of a two-stage solar concentrator 1-39736
- Kandpal, T.C. *see* Singh, R.N. 1-19402
- Kandrup, H.E. Properties of solutions to integral master equations for closed and open stellar systems 1-36342
- Kandrup, H.E. *see* Ipser, J.R. 1-49739
- Kane, A.A. *see* Tupitsyn, I.F. 1-24049, 1-24050
- Kane, E.L. *see* Hinkley, S. 1-42422
- Kane, E.O. *see* Baraff, G.A. 1-47540
- Kane, G., Karl, G. Branching ratios in baryon decay 1-33181
- Kane, L. *see* Dufton, P.L. 1-36286
- Kane, L.G., McKeith, C.D., Dufton, P.L. CNO abundances in the peculiar B0.5Ia binary HD 163181 1-44593
- Kane, R.H. *see* Floreen, S. 1-3829
- Kane, R.P. Irregular variations in the global distribution of total electron content 1-4701
- Kane, R.P., Trivedi, N.B. Implication of Z variations during a near-noon equatorial counter-electrojet on March 6, 1967 in the Indian zone 1-13632
- Kane, R.P., Trivedi, N.B. Relationship between sunspot numbers during years of sunspot maximum and sunspot minimum 1-22765
- Kane, R.S. *see* Cho, S.M. 1-23830
- Kane, S.R., Pick, M., Raoult, A. Correlated observations of a spatially resolved type III solar radio burst group and the associated hard X-ray emission 1-22752
- Kaneda, E., Niwa, N., Takagi, M., Miyaki, S., Suzuki, Y., Kurasawa, K. Global aurora imaging from satellite 1-32538
- Kaneda, R. *see* Nishibata, K. 1-18243, 1-23257
- Kaneda, T. Characteristics of a positive column in a narrow discharge tube 1-2276
- Kaneda, T. *see* Hobson, R.M. 1-38129
- Kaneda, T. *see* Mikawa, T. 1-45006
- Kaneda, Y., Nishide, N., Asano, S., Yoshii, T., Ichinose, Y., Saka, M., Sasaki, Y. Explosion seismic observation of reflected waves from the Mohorovicic discontinuity and crustal structure in western Kanto district 1-4453
- Kanehisa, M. *see* Chang, H. 1-48144
- Kanehisa, M.A., Balkanski, M. Resonant secondary emission spectroscopy 1-26263
- Kanehisa, M.A., Balkanski, M., Elliott, R.J. Theory of donor- and acceptor-bound phonons 1-47183
- Kanejiyo, T., Tamura, Y., Tanaka, S., Naruchi, K., Yamada, K. UV spectra of alkene nitronate and its MO calculation alkoxylation excited state 1-26759
- Kaneko, H. *see* Kagami, H. 1-36077
- Kaneko, K., Ayabe, M. Photoluminescence of Ge-doped $\text{AlGa}_{1-x}\text{As}$ grown by liquid phase epitaxy 1-43156
- Kaneko, K. *see* Kumagai, O. 1-16250
- Kaneko, K. *see* Takano, H. 1-50949
- Kaneko, M. Change in coercive force of $\gamma\text{-Fe}_2\text{O}_3\text{-Fe}_3\text{O}_4$ solid solutions with magnetostriuctive anisotropy 1-12353
- Kaneko, M. *see* Ito, T. 1-19992
- Kaneko, M. *see* Tanno, T. 1-39652
- Kaneko, N. The nuclear continuum of the Seyfert galaxy NGC 4151 1-54630
- Kaneko, O., Oka, Y., Okamura, H., Kunibe, T., Kuroda, T. Preliminary experiment of neutral beam injection heating in JIPP T-II stellarator 1-15624
- Kaneko, O. *see* Ohkubo, K. 1-11576
- Kaneko, S., Chiyoda, K. Magnetohydrodynamic equilibrium with prolate spheroidal plasma-vacuum interface 1-46861
- Kaneko, S., Tran, H.N., Kubo, Y., Imoto, F. Phase equilibria in the $\text{SiO}_2\text{-TiO}_2$ binary and the effect of TiO_2 on the $\alpha\text{-}\beta$ transformation in cristobalite 1-48332
- Kaneko, S. *see* Saito, T. 1-3635
- Kaneko, T., Yanagida, T. Nuclear decay in super-grand unification 1-50358
- Kaneko, T. *see* Ikezaki, K. 1-52342
- Kaneko, Y. Distribution of oxygen ions in MnO-SiO_2 and SnO-SiO_2 glasses 1-42324
- Kaneko, Y. Photoelectron spectra of alkali phosphate glasses 1-48241

- Kaneko, Y., Iwai, T., Ohtani, S., Okuno, K., Kobayashi, N., Tsurubuchi, S., Kimura, M., Tawara, H. Symmetric resonance multiple charge transfer of Ne^{q+} and Ar^{q+} ($q \leq 4$) 1-46109
- Kaneko, Y. see Irie, T. 1-29606
- Kaneko, Y. see Itoh, Y. 1-46068
- Kaneko, Y. see Iwamatsu, M. 1-41460
- Kaneko, Y. see Kobayashi, N. 1-6373
- Kaneko, Y. see Ogushi, T. 1-16396
- Kanellakopoulos, B., Henrich, E., Keller, C., Baumgartner, F., König, E., Desai, V.P. Optical spectra and magnetism between 4.2 and 300K for some alkali metal and alkaline earth metal uranates(V), neptunates(VI) and a plutonate(VII) 1-35068
- Kanellakopoulos, B., Keller, C., Klenze, R., Stollenwerk, A.H. Magnetic investigations on alkaline earth oxo-neptunates(IV) 1-47869
- Kanellakopoulos, B. see König, E. 1-30920
- Kanellakopoulos, B. see Soulie, E. 1-51231
- Kanellis, G. see Morhange, J.F. 1-52072
- Kanellopoulos, E.J. see Lemere, M. 1-10372
- Kanellopoulos, J.D. Short-term statistical variations of rain depolarization in microwave communication systems 1-22479
- Kanellopoulos, J.D., Clarke, R.H. A method for calculating rain depolarization distributions on microwave paths 1-54205
- Kanematsu, F. see Fujii, Y. 1-7434
- Kaneoka, I., Takaoka, N. Rare gas isotopes in Hawaiian ultramafic nodules and volcanic rocks: constraint on genetic relationships 1-9138
- Kanepe, Z.Ya., Dindune, A.P., Konstant, Z.A. Preparation of double scandium-ammonium pyrophosphate 1-35172
- Kaner, E.A., Krokhin, A.A., Makarov, N.M., Yampol'skii, V.A. Surface absorption of electromagnetic waves in metals by random boundary inhomogeneities 1-21915
- Kaner, E.A. see Grishin, A.M. 1-2441
- Kanert, O., Kuchler, R., Mali, M. NMR-investigation of the dynamic properties of off-center Ag^+ defects in RbCl 1-3286
- Kanert, O. see Brunger, G. 1-21074
- Kanesaki, N. see Hasegawa, M. 1-18580
- Kaneschige, T.M. The structure of FGGE data sets and the status of their availability for FGGE research 1-9260
- Kaneta, M., Cameron, A. Effects of asperities in elastohydrodynamic lubrication 1-43542
- Kaneti, J., Fattah Nazir, A., Binev, I.G., Radomirskaya, V.B., Juchnovski, I.N. Infrared spectra and structure of carbanions. XVIII. A semiempirical study of carbanions of cyanoacetic acid derivatives 1-14886
- Kaneto, K., Sasa, S., Yoshino, K., Inuishi, Y. Electrical resistivity and negative magnetoresistance in (SbBr_2)₂ crystal 1-25715
- Kanetsyan, E.G. see Adonts, G.G. 1-28928
- Kanev, I. see Tyutyulkov, N. 1-15051
- Kanev, V.P. see Shtremel', M.A. 1-31497
- Kaneskaya, E.B. see Sumin, A.V. 1-44045
- Kanetski, Yu.S. see Balyuk, V.V. 1-9099
- Kaneyoshi, T. Comment on the Grest and Nagel model in amorphous ferromagnetic alloys 1-7824
- Kaneyoshi, T., Beyer, H. Amorphization of layered ferro- and antiferromagnetic systems 1-12302
- Kaneyoshi, T., Fittipaldi, I.P., Beyer, H. A theory of a diluted ferromagnet 1-25962
- Kanezaki, K. see Takezono, S. 1-29577
- Kang, B.S. see Goldinger, J.M. 1-26884
- Kang, C.M. see Congdon, S.P. 1-45712
- Kang, E.T. see Sanford, T.J. 1-52853
- Kang, N.K. see Woo, S.B. 1-37281
- Kang, W.M., Li, C.H., Tong, S.Y. Azimuthal dependence of angle resolved photoelectron diffraction from I on $\text{Ag}(111)$ -multiple scattering analysis to determine the adsorption site 1-12638
- Kang, Y.Q., Magaard, L. Annual baroclinic Rossby waves in the central North Pacific 1-54115
- Kang Chan-Hyoung see Chan-Hyoung Kang
- Kang Chan-Hyoung see Chan-Hyoung Kang
- Kang Hyung-Boo see Hyung-Boo Kang
- Kang In Seok see In Seok Kang
- Kang Kyungsik see Kyungsik Kang
- Kang Man S. see Man S. Kang
- Kang Wen-Fa see Wen-Fa Kang
- Kang Yu-shair see Wang Ang-sheng 1-22478
- Kang-Hai Tan see Russell, S.J. 1-21194
- Kangas, J. see Novikov, Yu.P. 1-4720
- Kangropul, Yu.V. see Van Stry Chan 1-45418
- Kani, K. see Inui, T. 1-33784
- Kania, S., Lipinski, A., Mycielski, W. Space-charge-limited currents in oriented p-quaterphenyl layers 1-12218
- Kania, S. see Mycielski, W. 1-47771
- Kaniauskas, J.M., Rudzikas, Z.B. Quasi-spin method for j -j coupling in the theory of many-electron atoms 1-5152
- Kaniauskas, J.M., Simonis, V.C., Rudzikas, Z.B. How to determine algebraic expressions for parentage coefficients 1-19008
- Kaniauskas, J.M. see Savicius, E.G. 1-19002
- Kaniel, S., Falcovit, J. Transport approach for compressible flow 1-2013
- Kaniewski, J., Warminski, T., Bugajski, M., Mrozwicz, B. A novel technique for investigation of luminescence properties of $\text{Ga}_{1-x}\text{In}_x\text{P}$ LPE layers with a small In content 1-43189
- Kanischev, A.D. see Vinogradov, A.S. 1-40127
- Kanischeva, A.S., Mikhailov, Yu.N., Chernov, A.P. Synthesis and structure of AsSeI crystals 1-25231
- Kanischeva, A.S., Mikhailov, Yu.N., Kuznetsov, V.G., Batog, V.N. Crystal structure of CsSbS_2 1-25226
- Kanischeva, A.S., Mikhailov, Yu.N., Lazarev, B.V., Trippel, A.F. A new cesium sulfobismuthite CsBiS_3 : synthesis and structure containing extensive channels 1-30189
- Kaniuth, K., Wende, W. The longitude difference Merate-Milano derived from Danjon Astrolabe observations by means of a one step adjustment using an extended model 1-44081
- Kanjaukas, J.M., Merklis, G.V., Rudzikas, Z.B. The role played by the electromagnetic field potential gauge condition in the theory of electric multipole transitions 1-19043
- Kanjo, K. see Fukao, Y. 1-4461
- Kankanyan, S.A. see Avundzian, A.T. 1-37062
- Kankeleit, E. Collisional quasistates, facts and speculations 1-50527
- Kanki, T., Iuchi, S., Yamamoto, Y. Diffusion of rarefied gas mixtures in a circular tube under the existence of pressure gradients 1-2034
- Kanki, T., Ryang, S. Factorization of deep inelastic final state interactions in quarkonium models 1-502
- Kannel, J.W., Dow, T.A. The relation between pressure and temperature in rolling-sliding EHD contact 1-30317
- Kannewurf, C.R. see Okimura, H. 1-12216
- Kanno, H., Hiraishi, J. Raman spectroscopic evidence for a discrete change in coordination number of rare earth aquo-ions in the middle of the series 1-14903
- Kanno, I. see Uemura, K. 1-32235
- Kanno, K., Suzuki, M., Sato, Y. Tafel slope determination of corrosion reaction by the coulometric method 1-48600
- Kanno, M. Measurements and applications of small capacitances 1-44959
- Kanno, M., Suzuki, H., Kanoh, O. The precipitation of θ' phase in an $\text{Al-4\% Cu-0.06\% In}$ alloy 1-26470
- Kanno, M., Takahashi, Y., Yamauchi, S., Iwata, S., Nakamura, J. Study on thermal properties of nuclear materials 1-38547
- Kanno, M. see Yoneoka, T. 1-26666, 1-31742
- Kanno, R., Kinomura, N., Koizumi, M. High pressure synthesis of Vp_2 1-35204
- Kanno, R., Kinomura, N., Koizumi, M., Nishigaki, S., Nakatsu, K. High-pressure synthesis and structure of the new niobium phosphide Nb_2P_2 1-11724
- Kanno, S. Frequency dependence of pulse profiles of accreting X-ray pulsars 1-5002
- Kanno, T. see Ito, K. 1-18778
- Kano, E., Miyakoshi, J., Ikebuchi, M., Furukawa, M., Kato, H., Sugahara, T. Differences in hyperthermic effect between forty two and forty four centigrade by water bath and high frequency 1-53822
- Kano, E. see Ishida, T. 1-26938
- Kano, K., Kawazumi, H., Ogawa, T. Fluorescence quenching of pyrene and pyrenedecanoic acid by various kinds of N,N-dialkylamines in dipalmitoylphosphatidylcholine liposomes 1-8105
- Kano, K., Nakayama, T. An exact solution of the wave equation $u + u_{xx} = u_{yy} = 0$ 1-44769
- Kano, M. see Sasaki, K. 1-3737
- Kano, S.S. see Kasuga, T. 1-24287
- Kano, Y. see Imai, Y. 1-39300
- Kanoh, O. see Kanno, M. 1-26470
- Kanomata, I. see Tokiguchi, K. 1-6974
- Kanonidi, Kh.D. see Bandilyat, O.I. 1-4712
- Kanoun, K., Ebata, H., Fujii, T., Kamata, S., Ogawa, K., Ueda, K., Gohhara, K. Thermal shock and moisture-proof characteristics of polybutadiene-urethane resin for encapsulation of electronic parts 1-26639
- Kanrar, A., Ghosh, U.S., Bhattacharyya, S.N., Mandal, B.M. An ultrasonic pulse echo apparatus and velocity of compressional ultrasound in polymer glass 1-24618
- Kansal, K.P. see Goel, R.K. 1-14879, 1-24131, 1-41360
- Kansal, K.P. see Sanyal, N.K. 1-33460, 1-41375
- Kanski, J. see Nilsson, P.O. 1-16662
- Kanski, J. see Peto, G. 1-48242
- Kansy, J. see Barton, J. 1-39013
- Kant, A. see Morton, K.A. 1-43695
- Kant, R. see Herman, H. 1-21587
- Kant, R. see Khandpur, S.L. 1-6875
- Kant, R.A. see Hirvonen, J.K. 1-3938
- Kant, R.A. see Hu, W.W. 1-3913, 1-16871
- Kantamneni, C.S. see Israel, S.J. 1-3297
- Kantaria, R.V., Pavelets, S.Yu., Fedorov, G.A. The influence of cadmium impurity in copper sulfide layers on photovoltaic effect in $\text{p-Cu}_2\text{S-Sn-CdS}$ heterojunctions 1-30786
- Kanteeva, I.A. see Kisil', Yu.K. 1-39599
- Kantele, J. see Backlin, A. 1-33211
- Kanter, E.P. see Cooney, P.J. 1-27727
- Kanter, P.M., Schwartz, H.S. Post-repair DNA damage in X-irradiated cultured human tumour cells 1-32197
- Kantha, L.H. A note on the effect of viscosity on double-diffusive processes 1-9169
- Kantha, L.H., Long, R.R. Turbulent mixing with stabilizing surface buoyancy flux 1-11374
- Kantner, E. see Bellows, R.J. 1-53593
- Kantor, B.Ya. A certain variational equation of dynamic plasticity theory 1-15411
- Kantor, G., Witters, D.M., Jr. A 2450-MHz slab-loaded direct contact applicator with choke [diathermy applicator] 1-26973
- Kantor, I.J., Trivedi, N.B. Spectra of geomagnetic field potentials using maximum entropy method 1-53984
- Kantor, K. see Eppeldauer, G. 1-28053
- Kantor, M.M. see Novikov, I.I. 1-2449, 1-2450
- Kantorovich, I.I., Babavskii, A.N., Vecher, A., Marchenko, E.I. Thermodynamic analysis of the characteristics of the plasmochemical synthesis of yttrium oxide 1-13011
- Kantser, V.G. see Volkov, B.A. 1-12465
- Kantur, O.V. see Katsnel'son, A.A. 1-26316
- Kantus, R., Schrewe, U.J., Schmidt-Ott, W.-D., Michaelsen, R. Decay properties of ^{140}Gd 1-50560
- Kanunnikov, V.N. Calculation of the trajectories of the extraction of the beam from an induction cyclic accelerator with a constant guide field 1-10576
- Kanwal, R.P. see Estrada, R. 1-23022
- Kanwar, S. see Sharma, A. 1-45287
- Kanwar, S. see Singh, C.P. 1-45285
- Kanzaki, H. Recent developments in the physics of silver halides 1-35071
- Kanzaki, H. see Suemoto, T. 1-7529
- Kanzaki, S., Hamano, K., Nakagawa, Z., Saito, K. Precipitation strengthening in alumina-rich Mg-Al spinel ceramic 1-26485
- Kanzaki, Y. see Konuma, M. 1-21366
- Kanzawa, Y. see Tanaka, S. 1-3756
- Kao, C. Fiber optics - worldwide 1-19431
- Kao, K.C. see Adachi, H. 1-43087
- Kao, K.J., Bamji, S.S., Perlman, M.M. Interfacing a data acquisition system to a computer for on-line analysis 1-27940
- Kao, K.J. see Bamji, S.S. 1-39032
- Kao, R. Nonlinear dynamic buckling of spherical caps with initial imperfections 1-41961
- Kao, S.K., Kau, W.S. Vertical and off-diagonal eddy diffusivities in the northern hemispheric stratosphere and lower mesosphere 1-22446
- Kao, T.W. The dynamics of oceanic fronts. I. The Gulf Stream 1-17595
- Kapeev, V.V. Analysis of the process of recording non-stationary holograms on vanadium dioxide films 1-46256
- Kapeev, V.V. see Burgov, V.Ya. 1-51579
- Kaparikha, A.V. see Biktimirov, R.S. 1-28102
- Kapelela-Economou, A.E. see Georgalas, B.C. 1-14301
- Kapelewski, J. Semi-phenomenological model of normal point defects of near-surface layer 1-34758
- Kapel'itski, S.V. see Pokatilov, V.S. 1-31034
- Kapickia, V., Djulgerova, R., Protasevic, E. Determination of the instrumental function of the Fabry-Perot interferometer 1-333
- Kapickia, V. see Humlicek, J. 1-332, 1-19138
- Kapickia, V. see Kapoun, K. 1-2135
- Kapickia, V. see Kapounova, J. 1-2266
- Kapickia, V. see Kovar, L. 1-15652
- Kapickia, V. see Mohamad, S.Z. 1-15651
- Kapickia, V. see Petrakiev, A. 1-19956
- Kapitanov, V.A. see Antipov, A.B. 1-24161, 1-46093
- Kapitonov, A.N., Alekseev, M.A., Suknev, V.S. Division of the analytical signal into arcing half-periods and correction of results of the determination of La and Y in geological samples 1-54272
- Kapitonov, V.A. see Ishkhanyan, B.S. 1-696
- Kapitonov, V.A. see Vorobey, V.V. 1-52897
- Kapitzin, H. see Berger, C. 1-5636, 1-10209
- Kapitzin, H. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Kaplan, A.E. Bistable reflection of light by an electro-optically driven interface 1-46422
- Kaplan, A.E. Conditions of excitation of new waves (LITW) at nonlinear interface and diagram of wave states of the system 1-46427
- Kaplan, D. see Friederich, A. 1-52827
- Kaplan, D. see Lye, R.C. 1-53759
- Kaplan, D.L. see Gibbs, H.M. 1-41769
- Kaplan, D.L. see Ito, A.S. 1-45373
- Kaplan, E., Bar, V., Halpern, M., Shtachel, D., Stavi, R., Terkay, A., Zuzovsky, R., Orpaz, N., Chen, D. MATAL: The Israel elementary science project - a retrospective 1-36476
- Kaplan, E. see Gose, E.E. 1-53899
- Kaplan, G. Determination of interface state density and capture cross section by a hysteresis pulsed C-V method 1-30832
- Kaplan, G. Power/energy. I. Efficient devices/systems 1-43754
- Kaplan, G. see Johnston, K.J. 1-49196

- Kaplan, H., Manning-Hinds, B. IR waste watchers 1-23234
- Kaplan, H.S. Experimental frontiers in radiation therapy of cancer 1-49124
- Kaplan, J., Koehler, R.C., Terry, P.B., Menkes, H.A., Traystman, R.J. Effect of lung volume on collateral ventilation in the dog 1-17419
- Kaplan, J.I. NMR line shape in the regime where the chemical exchange time τ_c approaches the motional correlation time τ_c 1-1258
- Kaplan, M. see Als-Nielsen, J. 1-2320, 1-7082
- Kaplan, M. see Litster, J.D. 1-11852
- Kaplan, M.D. see Vekhter, B.G. 1-7239
- Kaplan, M.I. Method of chronological ordering in the problem of calculated thermodynamic functions of molecules with internal rotation 1-14086
- Kaplan, P. see Holley, B. 1-48535
- Kaplan, S. see Vallance, J.M. 1-45604
- Kaplan, S.B. see Kickett, F.R. 1-7775
- Kaplan, S.B. see Kirtley, J.R. 1-3113
- Kaplan, W.D. see Dufresne, E.N. 1-4361
- Kaplanis, S.N., Rigopoulos, R. Analytical and Monte-Carlo results of the absorption probability functions for irradiated spherical probes 1-15935
- Kaplenov, I.G. see Krongauz, V.G. 1-12581
- Kaplin, V.V., Plotnikov, S.V., Vorob'ev, S.A. Radiation by charged particles channeled in deformed crystals 1-52205
- Kaplin, V.V. see Adishev, Yu.N. 1-2547, 1-25340, 1-34384
- Kaplin, V.V. see Popov, D.E. 1-7220
- Kaplin, Yu.V. see Granitskii, L.V. 1-27386
- Kaplow, V.A. see Bondarenko, V.G. 1-36185
- Kaplow, R. see Ling, H.C. 1-14222
- Kaplu, A.B. see Kuliev, V.D. 1-35375, 1-39448
- Kaplu, L.M. see Dobrovinskaya, E.R. 1-30110
- Kaplunnik, L.N., Pobedimskaya, E.A., Belov, N.V. Crystal structure of aktshtite $\text{Cu}_6\text{Hg}_2\text{As}_2\text{S}_{12}$ 1-25221
- Kaplunova, L.L. see Gaidyalis, V.I. 1-23358
- Kaplyanski, A.A. Phonon spectroscopy of luminescing activated crystals 1-12553
- Kaplyanski, A.A., Markov, Yu.F., Barta, Ch. Mercury (I) halides—a new group of pure improper ferroelectrics 1-7318
- Kaplyanski, A.A. see Akimov, A.V. 1-52248
- Kaplyanski, A.A. see Zadokhin, B.S. 1-25464
- Kapner, R.S., Lannus, A. Thermodynamic analysis of energy efficiency in catalytic reforming 1-17086
- Kapou, E., Hardy, A., Katzir, A. TE and TM coupling coefficients in distributed feedback double-heterostructure PbSnTe lasers 1-46348
- Kapoor, G., Srivastava, P.N. Effect of low-level tritium exposure on the ovary of mice in vitro 1-22074
- Kapoor, M.L. see Agrawal, R.D. 1-7355, 1-30425, 1-30426
- Kapoor, R. see Nigam, R.K. 1-25493
- Kapoor, R.K. see Aggarwal, S.K. 1-9198
- Kapoor, R.K. see Paul, S.K. 1-32498
- Kapoor, S.S. see Choudhury, R.K. 1-5809
- Kapoor, S.S. see Prakash, M. 1-36959
- Kapoor, S.S. see Sharma, S.C.L. 1-50667
- Kapor, D.V., Tosic, B.S. Low-temperature properties of the Ising model in the transverse field and the influence of kinematical effects 1-14074
- Kaporski, L.N. see Bonch-Bruевич, A.M. 1-51959
- Kapovari, Z. A probabilistic model of measuring instrument mechanisms 1-23157
- Kapoulitsas, G.M. Scattering of long waves in a rotating bifurcated channel 1-37954
- Kapoun, K. Conditions for an argon discharge with superimposed fields 1-25104
- Kapoun, K., Kapicka, V., Vladimirov, S.B. Breakdown of gases in superimposed fields 1-2135
- Kapoun, K., Knejizlik, J. Variation of potential difference with time in an air breakdown in overlapping fields 1-15574
- Kapoun, K. see Kapounova, J. 1-2266
- Kapounova, J., Kapoun, K., Kapicka, V. Optical diagnostics of high frequency discharge burning in superimposed electric field 1-2266
- Kappeler, F. see Wisshak, K. 1-10393, 1-41107
- Kappers, L.A. see Halliburton, L.E. 1-15933
- Kapphan, S., Koppitz, J. Temperature dependence of the reorientation behavior of (110) off-center Ag^+ defects in RbBr 1-2581
- Kappier, J.P. see Krill, G. 1-12072
- Kappraff, J., Grossman, W., Kress, M. Hall current effects of tearing modes in rotating reverse field plasma 1-42159
- Kapral, R. see Cukier, R.I. 1-38217, 1-38218, 1-51892
- Kapralik, I., Hanic, F. Studies of the system $\text{CaO-Al}_2\text{O}_3\text{-MgO-SiO}_2$ in relation to the quaternary phase Q 1-43328
- Kapralik, I. see Hanic, F. 1-30142
- Kapralov, V.P., Privolov, V.E., Chulyaeva, E.G. Investigation of the stability of the emission wavelength of a laser with an external neon absorption cell 1-50109
- Kapron, F.P. Source and modulation effects in monomode fibres 1-11141
- Kaprov, A.I. see Bogatyrev, L.S. 1-30436
- Kapsa, P., Martin, J.M., Charrion, J.F. Cryotechnology for the structural analysis of lubricants in relation to their friction properties 1-12888
- Kapsar, B.M. see McLaughlin, W.L. 1-944
- Kapshaniyova, S.S. see Netrebko, V.P. 1-11316
- Kapshin, Yu.S. see Andreev, V.N. 1-16324
- Kapshvii, A.A., Kopystyra, N.P., Lomonos, L.N. Axisymmetrical stressed state of a sphere with a nonconcentric spherical cavity 1-29543
- Kaplanoglu, S. Weakly canonical transformations and the path integral quantization 1-28277
- Kaptevich, A.K., Chirkin, N.N., Shumrikov, V.V. Determination of the parameters of a hydrocarbon flame from the scattering spectrum of laser radiation 1-8570
- Kaptsov, L.N. see Evtyukhov, K.N. 1-41710
- Kaptsov, L.N. see Smyslyayev, S.P. 1-33724
- Kapur, A., Mezey, P.G., Steer, R.P. Calculation of the out-of-plane bending coordinates of tetraatomic molecules by the G-matrix method 1-41361
- Kapur, A.K., Jain, J.K. Van der Waals energies in alkali chalcogenides 1-47036
- Kapur, J.N. Apparent dependence of viscosity coefficients on radial distance for flows of non-Newtonian fluids in circular tubes 1-46785
- Kapur, J.N. On a stochastic compartmental model with continuous infusion 1-50075
- Kapur, K.D., Raghavendran, K.V., Satbhai, P.D., Abhyankar, B., Unnikrishnan, K., Somasundaram, S. Internally deposited radionuclides in the personnel of a nuclear research centre in India 1-32256
- Kapur, P.C. see Mehra, M. 1-11682
- Kapur, V. see Sancier, K.M. 1-8453
- Kapur, V. see Sanjurjo, A. 1-48289
- Kapuscik, E. The non-relativistic space-time manifolds 1-44767
- Kapusta, J.L., Strottman, D. Entropy generation and hydrodynamic flow in relativistic heavy ion collisions 1-50625
- Kapusta, S.D., Hackerman, N. Anodic passivation of tin in slightly alkaline solutions 1-43595
- Kapusta, Ya.S. see Shukolyukov, Yu.A. 1-31943
- Kapustin, N.P. see Shchenchenko, V.P. 1-39601
- Kapustin, V.A. see Goncharova, E.V. 1-47473
- Kapustin, V.K. see Drokina, A.M. 1-23866
- Kapustkin, A.A. see Berlin, A.B. 1-17898
- Kapustkin, V.K., Remnyakov, V.Z. Mathematical model of the electrocontact heating of steel blanks with square cross section 1-11297
- Kapustsik, A. see Van Syn Chan 1-45418
- Kaputkin, E.Ya. see Lokshin, E.L. 1-26406
- Kaputkina, L.M. see Bernstein, M.L. 1-21493
- Kapuy, E., Kozmutza, C. Transferability of some properties of localized molecular orbitals. I. Energy quantities 1-1093
- Kapuy, E., Kozmutza, C., Ozoroczy, Zs. Dependence on the geometry and on the basis set of localized orbital energy and moment contributions. II. Interaction energies 1-1103
- Kapuy, E., Kozmutza, C., Ozoroczy, Zs. Dependence on the geometry and on the basis set of localized orbital energy and moment contributions. III. Electric moments 1-37111
- Kapuy, E., Kozmutza, C., Ozoroczy, Zs. Dependence on the geometry and on the basis set of localized orbital energy and moment contributions. IV. Moment characteristics 1-37112
- Kar, A.K. Qualification of equipment for nuclear power generating stations 1-23792
- Kar, A.K. see Harrison, R.G. 1-6575
- Kar, J. see Das, M.K. 1-17815
- Kar, K., Wong, S.M. A shell model study of the Gamow-Teller giant resonance 1-41088
- Kar, L. see Countee, C.R. 1-50546
- Kar, L., Bernhard, W.A. The imidazole π cation and barbituric anion trapped in a cocrystalline complex X-irradiated at 12K: an ESR-ENDOR study 1-12405
- Kar, M.K., Bahadur, S. Estimation of wear particle thickness in polymer-metal sliding 1-39472
- Kar, S., Jain, S., Heller, A., Ashok, S., Fonash, S.J. The role of interface states in photoelectrochemical cells 1-43787
- Kar-Chun To, Rack, E.P., Wolf, A.P. High energy chlorine for chlorine substitution involving Walden inversion in gaseous enantiomers 1-48663
- Kara, M., Kurki-Suonio, K. Symmetrized multiple analysis of orientational distributions 1-46154
- Kara, S.M. Energy eigenvalues and bound-bound transitions of hydrogen atoms in a magnetic field using cylindrical basis functions 1-6138
- Karaali, S. The sunspot observations made in 1972 1-32689
- Karabash, A.G. see Elovatskaya, A.I. 1-43653
- Karabashva, E.I., Paka, V.T., Fedorov, K.N. How frequent are thermal fronts in the ocean? 1-4524
- Karabashova, L.V. see Shtremel', A.I. 1-3886
- Karabegov, M.A., Komarov, Yu.I., Mchedlishvili, K.A. Automatic measurement of refractive index by the limiting angle method 1-28054
- Karabut, E.K., Kravchenko, V.F., Mikhailovskii, V.S. Dynamics of strontium line shapes during a pulsed discharge in a mixture with helium 1-33427
- Karabut, E.K. see Kravchenko, V.F. 1-24432
- Karabutov, A.A. see Vasil'eva, O.A. 1-29439
- Karachentsev, I.D. Counting distant galaxies 1-5010
- Karachentsev, I.D. Velocity dispersion in small systems of galaxies 1-9684
- Karachentsev, I.D. Pairs of galaxies with Markarian components 1-49542
- Karachentsev, I.D. List of mass-to-luminosity ratio determinations for 440 pairs of galaxies 1-49806
- Karachentsev, I.D. New radial velocities for 301 pairs of galaxies 1-49817
- Karachentsev, I.D. Supplementary data on radial velocities and masses for binary galaxies 1-54634
- Karachentsev, I.D. see Afanasiev, V.L. 1-32754
- Karachentsev, I.D. see Karachentseva, V.E. 1-22888
- Karachentseva, V.E., Karachentsev, I.D. Radial velocities of isolated galaxies 1-22888
- Karachentsev, G.V., Marutkin, A.Z. Use of ion-current modulation in analytical mass spectrometry 1-18326
- Karadakov, P. see Tyutyulkov, N. 1-2873
- Karade, T.M. Spherically symmetric space-times in bi-metric relativity theory. I 1-32878
- Karade, T.M., Dhole, Y.S. Non existence of axially symmetric fields in Rosen's bimetric theory of relativity 1-124
- Karade, T.M., Dhole, Y.S. Axially symmetric vacuum solutions of the bimetric relativity theory 1-23063
- Karady, G. see Bellomo, P. 1-6021
- Karady, P. Thoughts about the legal international measurement system 1-220
- Karadzhov, A.G. Analytic representation of the attenuation and absorption coefficients for some elements and their combinations 1-23869
- Karaev, A.B. see Popov, A.A. 1-26684
- Karageorgos, Ath. see Skoulidakis, Th. 1-12923
- Karagozoglu, B. see Grassie, T.G. 1-22144
- Karaji, S. see Kawaguchi, Y. 1-52657
- Karakashev, V.A., Romanenko, S.G., Filippov, A.S., Anuchin, O.N. Study of a transient process of optimum linear estimations of gyro drifts in a complex navigational system 1-40783
- Karakhodzhayev, A. see Abdurazakov, A.A. 1-33217
- Karakhodzhayev, A. see Alikov, B.A. 1-659
- Karakin, A.V., Lobkovskii, L.I. Mechanics of a porous two-phase strongly viscous medium and some geophysical applications 1-27128
- Karakostas, Th. see Chadjivasilou, S. 1-30717
- Karakozov, E.S. see Gostomel'skii, V.S. 1-25582
- Karakula, S., Tkaczky, W. Estimation of the background radiation in the optical and infrared ranges 1-32776
- Karaf'nik, S.M. see Domashevskaya, E.P. 1-39185
- Karam, R.A. see Alapour, A. 1-18817, 1-50723
- Karam, R.A. see Lee, C.C. 1-50768
- Karam, R.A. see Waldo, R.W. 1-45554
- Karamcheti, K. see Krothapalli, A. 1-19767
- Karamyshev, V.P. see Muryleva, I.V. 1-47677
- Karamzin, Yu.N. see Gora, V.D. 1-1657, 1-51572
- Karandashev, V.A. see Abrosimov, V.M. 1-16306
- Karagolu, B., Karapiperis, T., Moniz, E.J. Isospin dependence of the δ -spreading potential 1-5805
- Karapetyan, G.O., Livshits, V.Ya., Maksimov, V.M. Use of the concentration dependence of the diffusion coefficient in the development of the focusing distribution of the refractive index gradient in a glass fiber 1-41863
- Karapetyan, G.O. see Livshits, V.Ya. 1-48022
- Karapetyan, G.O. see Vikhrov, M.N. 1-41803
- Karapetyan, V.E., Korovin, M.V., Morozova, L.G., Petrov, M.V., Feofilov, P.P. Luminescence and stimulated emission of neodymium ions in scandium silicate single crystals 1-41855
- Karapetyan, V.V., Egyan, K.A., Martirosyan, H.G., Sagatelyan, E.P., Kadzhoyan, R.A., Minaev, V.S. Study of characteristics of holographic information recording in the films of halogen glass-like semiconductors of Ge-As-Se system 1-37436
- Karapiperis, T. see Karagolu, B. 1-5805
- Karapuzikov, A.I., Troshin, B.I. Pulsed mode-locked CO₂ laser 1-33710
- Karas, E.L. see Holst, P.A. 1-23256
- Karas', V.I. see Babenko, V.A. 1-43233
- Karasawa, T., Yoshida, H. Self radiation shielding on the baby cyclotron 1-6064
- Karaser, A.B., Kondranin, T.V., Kuz'minskii, I.N. Calculation of the transfer of selective radiation in an inhomogeneous plasma 1-2164
- Karaser, A.B. see Tikhomirova, N.A. 1-21150
- Karaser, V.B. see Altshuler, G.B. 1-1667
- Karasev, V.P., Shelepin, L.A. Decomposition of generalized coherent states of the SU_n groups 1-45160

- Karasev, V.V. *see* Derjaguin, B.V. 1-25468
 Karaseva, V.A. *see* Zhukov, A.A. 1-3720
 Karashevskaya, O.P., Ryaboshapka, K.P. Determination of the dislocation density in tungsten single crystals in high-temperature creep by the rocking crystal method 1-25274
 Karashima, K., Sato, K., Tate, A. Supersonic aerodynamic-braking characteristics of a reentry body system 1-33975
 Karashima, S. *see* Maruyama, K. 1-16853
 Karashima, S. *see* Watanabe, T. 1-15908
 Karasik, N.Ya. *see* Farkmakovskii, B.V. 1-47608
 Karasov, A.A. *see* Prokoshkin, D.A. 1-35481, 1-53359
 Karasew, W.M. *see* Achrijew, A.S. 1-39350
 Karasyuk, V.A. *see* Kaminski, A.S. 1-52497
 Karasz, F.E. *see* Alexandrovich, P.S. 1-34980
 Karasz, F.E. *see* Fried, J.R. 1-12826
 Karasz, F.E. *see* Moy, P. 1-52427
 Karato, S. Rheology of the lower mantle 1-40102
 Karato, S. *see* Matsui, T. 1-36227
 Karato Shun-ichiro *see* Shun-ichiro Karato
 Karatsuba, A.S. *see* Gorbatur, M.F. 1-19241
 Karatyan, V.O. Calculation of the working region conduction in multipole systems 1-44964
 Karaulov, A.K. *see* Chornoguz, L.V. 1-12677
 Karaulova, E.N. *see* Aleksandrov, G.G. 1-2420, 1-30217
 Karaulova, E.N. *see* Kalinin, A.A. 1-30218
 Karavaev, G.F., Uspenski, B.A., Chuprikov, N.L. Nonlinear theory of surface helical instability of a semiconducting plasma 1-20791
 Karavaev, G.F., Uspenski, B.A., Chuprikov, N.L. Nonlinear theory of surface-helical instability of a semiconductor plasma. II. Calculation of linear parameters 1-42808
 Karavaeva, E.B., Berezin, B.D., Potapova, T.I. Influence of benzene-ring addition and the solvent on the electronic absorption spectra of porphyrin complexes 1-51217
 Karavaeva, V.V. *see* Sukhovarov, V.F. 1-26466
 Karavanova, M.A. *see* Gavrish, V.A. 1-18208
 Karavanskii, V.L., Morozov, V.N., Popov, Yu.M., Smirnov, V.A. Investigation of a frequency-division data channel multiplexer 1-33829
 Karayan, A.S. *see* Arkakyan, S.M. 1-8035, 1-19393
 Karayan, G.S. *see* Avakyan, G.M. 1-38843
 Karayilan, I. *see* Tosun, H. 1-22066
 Karazija, R.J., Kucas, S.A. Population of Ar II and Ar III configurations during and following electron impact and structure of the $L_{2,3}$ X-ray emission spectrum 1-19195
 Karbowski, H. The electromotance induced in a coil moving with regard to a wire of a long line 1-29169
 Karcher, B.A. *see* Shelton, R.N. 1-20158
 Karchevskii, A.I., Potanin, E.P. 'Mass-diffusion' mechanism for isotope separation in a gas discharge with a traveling magnetic field 1-23854
 Karchevskii, A.I. *see* Belorussov, A.V. 1-34128, 1-51930
 Kardano, V.Yu. *see* Zakharchenko, V.F. 1-51838
 Kardashev, B.K. *see* Voinova, O.A. 1-11812
 Kardashev, N. Radioastronomy: achievements and prospects 1-32630
 Kardashev, N.S., Pogrebenko, S.V., Tsarevskii, G.S. Aperture synthesis using a radio telescope in space 1-44442
 Kardashev, N.S. *see* Bartel, N. 1-36316
 Kardashyan, Zh.A., Maslov, Yu.N. Measurement of specific losses in ferromagnetic materials at inductance approaching saturation 1-44965
 Kardo, G. *see* Alby, P. 1-26808
 Kardo-Sysoev, A.F., Kozlov, V.A. High-temperature current instabilities in silicon 1-20755
 Kardonskii, V.M., Malkin, V.I., Gorbunova, N.B. Mechanism of delayed fracture of high-strength maraging steel of the N17K10V10MT type 1-3910
 Kardonskii, V.M. *see* Alekseeva, O.K. 1-16882
 Karduck, P., Goux, J.M., Gottstein, G. Structure and orientation gradients in deformation inhomogeneities of copper single crystals 1-12836
 Karduck, P. *see* Wantzen, A. 1-21534
 Kareev, J.A., Konkashbaev, I.K., Nikandrov, L.B. Liner thermonuclear system with superhigh magnetic field and $\beta > 1$ 1-38135
 Kareev, U.A. *see* Azizov, E.A. 1-34111
 Karel, F. *see* Pastnak, J. 1-31191
 Karel, F. *see* Sodoma, L. 1-46642
 Karel, N.M., Dusakin, S.I., Litvinov, Yu.M., Rau, E.I., Spivak, G.V. A study of electrically active defects in silicon wafers with the scanning electron microscope 1-25802
 Kares, R.J., Bander, M. Vortices in two dimensional chiral spin systems 1-14271
 Karetko, A.I. *see* Gubonin, N.S. 1-54344
 Karez, E.A. *see* Guryanov, V.M. 1-13608
 Karger, F. *see* Niedermeyer, H. 1-25040
 Karger, M., Wagner, F.E. ^{99}Ru Mossbauer study of the local environments of rhodium and ruthenium in β -PdH 1-7979
 Karger, M. *see* Probst, F. 1-7978
 Kargin, A.Yu. *see* Davydova, T.A. 1-2206
 Kargin, Yu.F. *see* Zherbek, V.P. 1-19842
 Kargol, J.A. *see* Bellina, J.J., Jr. 1-53346
 Kargol, J.A. *see* Coyle, R.J., Jr. 1-3921
 Kargol, J.A. *see* Sridhar, N. 1-26621
 Karim, D.P., Georgopoulos, P., Knapp, G.S. Extended X-ray absorption fine structure studies of actinide ions in aqueous solution 1-31235
 Karim, D.P. *see* Veal, B.W. 1-31313
 Karimaki, V. *see* Calvetti, M. 1-14778
 Karimaki, V. *see* Johnson, P. 1-5659
 Karimaki, V. *see* van Apeldoorn, G.W. 1-45357
 Karimi, R., Rasmussen, N.C., Wolf, L. UNRAC—a convenient code for unavailability analysis 1-50837
 Karimov, S.K. Determination of impurity solubility in CdTi_2Te_4 by the microhardness method 1-7200
 Karimov, S.K. Surface tension of fused CdTi_2Te_4 and microhardness of this compound doped with gold, silver, and copper 1-7426
 Karimova, D.K., Pavlovskaya, E.D. Absolute proper motions of 97 Cepheids 1-54524
 Karimova, L.M. *see* Ivanov, A.I. 1-32518
 Karimullab, K., Kun-Mu-Chen, Nyquist, D.P. Electromagnetic coupling between a thin-wire antenna and a neighboring biological body: theory and experiment 1-22058
 Karin, M.G. *see* Gurin, V.N. 1-3358
 Kariotis, F.G., Mendelson, K.S. Statistics of the percolation threshold 1-36575
 Kariotis, F.G. *see* Mendelson, K.S. 1-25682
 Karis, Ya.E. *see* Abolyn, D.E. 1-3486
 Karisdaiah, S.M. *see* Vora, K.H. 1-54068
 Karida, K., Fujimoto, M., Makino, A. For meteorological measurement using a pulsed height analyzer—fundamental consideration with transition data of probability density distribution of wind fluctuation 1-22534
 Karjalainen, L.P., Moilanen, M., Myllyla, R., Palomaki, K. Monotonic and cyclic deformation in mild steel detected by positron annihilation 1-39382
 Karjalainen, P. *see* Lahtinen, T. 1-43963
 Karkiewicz, L.M., Pantiz, J.A., Fowler, G.L. Low-drift optical-densitometer 1-325
 Karkin, A.E., Mirmelshtein, A.V., Arkhipov, V.E., Goshchitskii, B.N. Specific heat of Nb_3Sn irradiated by fast neutrons 1-20915
 Karklina, M.I. *see* Abaev, M.I. 1-39482
 Karkut, M.G. *see* Hake, R.R. 1-7593
 Karl, G., Lipkin, H.J. Short-range correlations and baryon decay 1-553
 Karl, G. *see* Isgur, N. 1-14393, 1-45241, 1-45283
 Karl, G. *see* Kane, G. 1-33181
 Karl, G. *see* Kuang-Ta Chao 1-45216
 Karl, H.A., Drake, D.E., Caccione, D.A. Variability of currents and sediment transport on continental shelves: optical and current meter studies of the bottom boundary layer 1-22326
 Karl, N. *see* Schein, L.B. 1-12121
 Karl, R. *see* Riedel, E. 1-34966
 Karl, T.R. A study of the spatial variability of ozone and other pollutants at St. Louis, Missouri 1-4228
 Karlan, M.S., Ludl, H., Byrne, J., Seitz, T.L. Stereophotogrammetry marking and serializing: a simple technique 1-13308
 Karlashchuk, V.I. *see* Litvinov, V.K. 1-14125
 Karle, J. The expected values of triplet invariants. Acentric case 1-2286
 Karlhede, A. A review of the geometrical equivalence of metrics in general relativity 1-36539
 Karlhede, A. On a coordinate-invariant description of Riemannian manifolds 1-44804
 Karlhede, A. *see* Aman, J.E. 1-32880
 Karlke, R.F., Jr., Lowe, L.J. Hydrogen diffusion in β -LaNi₃ hydride [NMR study] 1-3281
 Karlke, R.F., Jr. *see* Wallace, W.E. 1-25580
 Karlicky, M. The acceleration of the electrons with distribution function $f \sim (v_0/v)^k$ by Langmuir's flare turbulence 1-13748
 Karlicky, M. *see* Urpo, S. 1-36242
 Karlik, I.Ya. *see* Zakharchenya, B.P. 1-48147
 Karlikov, V.P., Khomyakov, A.N., Sholomovich, G.I. A new method of organizing developed cavitation flows 1-29740
 Karlin, A.S. *see* Wallis, G.B. 1-29758
 Karlin, L.N. *see* Kreyman, K.D. 1-54136
 Karliner, M. *see* Horn, D. 1-28175
 Karlov, L. Fact and illusion in the speed-of-light determinations of the Romer type 1-27725
 Karlov, N.P. *see* Selivanov, V.M. 1-28589, 1-36995
 Karlov, N.V., Kirichenko, B.S., Sisakyan, E.V. Dynamic method for measuring the absorption coefficient of transparent materials 1-33048
 Karlov, N.V. *see* Akulin, V.M. 1-33450
 Karlov, N.V. *see* Alimpiev, S.S. 1-46310
 Karlov, N.V. *see* Dekhtyart, I.Ya. 1-53017
 Karlov, V.D., Kozlov, S.I., Tkachev, G.N. Large-scale disturbance in the ionosphere occurring during the flight of a rocket with an operating engine (survey) 1-54305
 Karlson, K.K. *see* Eiduk, Yu.Ya. 1-35415
 Karlsson, B. *see* Hamburg, K. 1-31659
 Karlsson, S.-K. *see* Plateau, A. 1-26372
 Karlstrom, G. A new method for approximate estimates of the dispersion interaction between two molecules 1-15032
 Karlstrom, G. Ab initio molecular orbital study of linear and bifurcated hydrogen-bonded complexes between H_2O and H_2S 1-24032
 Karlykhanov, N.G. *see* Avorin, E.N. 1-18884
 Karmadonov, A.N. *see* Bugaev, S.P. 1-1000
 Karmakar, N.L. *see* Crosbie, E.A. 1-45340
 Karmakar, S.B. Approximate analysis of non-linear systems by Laplace transform 1-51
 Karmaker, N.L. *see* Crabb, D.G. 1-14413
 Karman, R.A. *see* Yoss, K.M. 1-40460
 Karmanenko, S.F. *see* Alekseev, A.B. 1-38883
 Karmanov, O.Yu., Menskii, M.B. Propagators and pair production in a homogeneous isotropic Universe 1-17923
 Karmanov, O.Yu., Menskii, M.B. Particle production near the cosmological singularity 1-28264
 Karmanov, V.I. *see* Kozulin, A.T. 1-37179
 Karmanova, N.G., Pogrebnayak, Yu.F. Graphite-capsule flame atomizer for the emission determination of lithium and rubidium in powdered rock samples 1-43076
 Karmaz', V.V. *see* Vozitovskii, V.K. 1-51023
 Karmazin, A.G. *see* Potebnya, Yu.M. 1-53371
 Karmazinov, N.P. *see* Kuzmak, E.M. 1-35453
 Karmenyan, A.V. *see* Arutunyan, V.M. 1-46336
 Karmi, Y. *see* Arad, B. 1-34050
 Karnev, E.S. *see* Klekovkin, V.A. 1-27264
 Karnatak, R.C. *see* Belrhimi-Belhassan, A. 1-51154
 Karnatovskii, V.E., Remesnik, V.G., Tsukerman, V.G. High-efficiency phase hologram recording in chalcogenide films at elevated temperatures 1-6526
 Karnatsevich, L.V. *see* Bogoyavlenskii, I.V. 1-20500
 Karnaukhov, I.M. *see* Get'man, V.A. 1-10230
 Karnaukhov, I.N. *see* Miteak, A.I. 1-31004
 Karner, H. *see* Salge, J. 1-15702
 Karner, M. Properties of temperature reference radiation sources 1-44984
 Karnes, C.M. *see* Spencer, C.D. 1-7982
 Karney, C.F.F. Temporal evolution of lower-hybrid waves in the presence of ponderomotive density fluctuations 1-38094
 Karney, C.F.F. *see* Fisch, N.J. 1-38090
 Karnezos, M. *see* Johnson, P.B. 1-28039
 Karnopp, D. Complementary formulations in vibrations: bond graph structures and modal transformations 1-44762
 Karnovskii, I.A., Landa, M.Sh., Pochtman, Yu.M. Application of mathematical programming to the problem of optimum control of the vibrations of plates and shells 1-41979
 Karntaler, H.P., Korner, A. Dislocations glissile on (001) planes in FCC metals and alloys 1-11671
 Karntaler, H.P., Schugerl, B. Dislocation structures in plastically deformed, disordered Ni_3Fe 1-11763
 Karntaler, H.P. *see* Korner, A. 1-38373
 Karny, Z., Rotstein, A., Chuchem, D., Milanski, I.S. 70 kW high repetition rate laser exciter 1-15176
 Karnyukhin, A.V. *see* Mishustin, I.N. 1-5683
 Karol, I.L. Systems modelling of stratospheric ozone transport and photochemistry 1-4592
 Karol, I.L. Ozone and global atmospheric pollutants 1-21953
 Karol, P.J. Relevance of final-state nucleon-nucleon charge exchange in inclusive (π, n) reactions 1-41143
 Karolak, J., Kertesz, V., Mihalkovics, T., Wiczorek, S. Stresses on members of high-voltage insulator strings caused by arcs and their simplified investigation 1-38162
 Karolik, V.A., Zhuk, I.P. Experimental study of the temperature dependence of the magnetic susceptibility of certain nematic liquid crystals and their mixtures 1-15792
 Karosiene, A.V. *see* Kucas, S.A. 1-41456
 Karow, H.U. *see* Bober, M. 1-20431
 Karowski, M. The bootstrap program for 1+1 dimensional field theoretic models with soliton behaviour 1-28215
 Karowski, M. An exact relativistic S-matrix in 1+1 dimensions: The on-shell solution of the massive Thirring model and the quantum sine-Gordon equation 1-28225
 Karowski, M. Field theories in 1+1-dimensions with soliton behaviour: form factors and Green's functions 1-36818
 Karp, A.H., Greenstadt, J., Fillmore, J.A. Radiative transfer through an arbitrarily thick, scattering atmosphere 1-4798
 Karp, A.H. *see* Fillmore, J.A. 1-49385
 Karp, Yu.S. *see* Guzevskaya, A.V. 1-4352
 Karpacheva, S.M. Solvent-extractor choice criteria 1-28684
 Karpas, Z. *see* Dotan, I. 1-31844
 Karpas, Z. *see* Hunstret, W.T., Jr. 1-54422
 Karpchenko, E.A. *see* Tishchenko, F.M. 1-39992
 Karpel, N.G. *see* Luft, B.D. 1-31933
 Karpko, V.A. *see* Borisov, V.I. 1-15192
 Karpfen, A. Ab initio studies on polymers. IV. Polydiacetylenes 1-16227
 Karpfen, A. Ab initio calculations on polyene, polyene and polymethineimine 1-19229
 Karpfen, A., Holler, R. Cis-trans isomerism in infinite polyacetylenes: An ab initio study 1-47020

- Karpikov, A.A. *see* Pavlovskii, A.I. 1-33026
- Karpinos, D.M., Dmitriev, V.S., Zil'berberg, V.G. Effect of impregnation and thermal aging on the insulating properties of plasma-deposited alumina coatings 1-12773
- Karpinos, D.M., Kadyrov, V.Kh., Gordienko, A.I., Moroz, V.P., Verkhovodov, P.A. Scanning electron microscopic investigation of the fracture of reinforced magnesium- and aluminum-base composites 1-31616
- Karpinos, D.M., Mikhashchuk, E.P., Grosheva, V.M., Kalinichenko, V.I. Reinforcement of corundum ceramic with filamentary mullite crystals 1-31406
- Karpinos, D.M., Morozov, Yu.I., Yakovlev, K.I. Experimental determination of the thermal and gasdynamic characteristics of a plasma jet [for plasma spray deposition] 1-21342
- Karpinowicz, Z. *see* Eisen, Y. 1-6106
- Karpinski, P.H. Crystallization as a mass transfer phenomenon 1-34262
- Karpinski, O.G. *see* Abrikosov, N.Kh. 1-42529, 1-42530, 1-47226
- Karplus, M., Gelin, B.R., McCammon, J.A. Internal dynamics of proteins. Short time and long time motions of aromatic sidechains in PTI 1-8803
- Karplus, M. *see* Case, D.A. 1-1105
- Karplus, M. *see* Lasaga, A.C. 1-37125
- Karplus, M. *see* Northrup, S.H. 1-8805
- Karplus, M. *see* Rossy, P.J. 1-28861
- Karplus, M. *see* van Gunsteren, W.F. 1-19223
- Karplus, R. Educational aspects of the structure of physics 1-49897
- Karpman, V.I., Lynov, J.P., Michelsen, P., Pecselli, H.L., Rasmussen, J.J., Turikov, V.A. Modification of plasma solitons by resonant particles 1-6960
- Karpov, E.N. *see* Orlov, L.I. 1-27272
- Karpov, N.R. Recirculation measuring transducer converting short time intervals into code 1-50108
- Karpov, O.P. *see* Khristoforov, B.D. 1-33025
- Karpov, S.Yu., Kuchinskii, V.I., Portnoi, E.L. Maximum output power of a semiconductor laser with diffraction output coupling 1-33691
- Karpov, S.Yu. *see* Elyukhin, V.A. 1-34599, 1-47031
- Karpov, V.A. *see* Matveev, A.V. 1-24466
- Karpov, V.I., Kriuk, E.M. Estimation of indoor gamma dose rate 1-22135
- Karpov, Yu.A. *see* Bagraev, N.T. 1-2492
- Karpova, L.H. *see* Lebedev, E.A. 1-12114
- Karpovich, I.A. *see* Bednyi, B.I. 1-47768
- Karpovich, V.I. *see* Bokov, V.A. 1-12372
- Karpukhin, V.I. *see* Platonov, P.A. 1-28603
- Karpukhin, V.V. Circuit for information readout from drift chambers 1-51062
- Karpukhin, V.V. *see* Alekseev, G.D. 1-23952
- Karpus, V., Babonas, G. Gyrotropic effects in absorbing CdSiP₂ uniaxial crystal in neighborhood of isotropic point 1-21164
- Karpushko, F.V., Kazberuk, A.V. Statistical method for calculating the properties of the output of dye lasers 1-1559
- Karpushko, F.V., Saskevich, N.A. Output-spectrum sweep of a color-center laser 1-33697
- Karpuzov, D.S. On the inelastic-loss approximation for keV-energy ion collisions in solids 1-47123
- Karpuzov, D.S., Rubakha, E.A. Simulated influence of an amorphous layer on ion range in crystals 1-2548
- Karpuzov, D.S. *see* Genchev, Zh.D. 1-37879
- Karpyshev, K.S. *see* Belov, A.V. 1-6674
- Karpyshev, N.S. *see* Devyatikh, G.G. 1-33782
- Karr, G.R., Chung, T.J. Optimal control least-squares penalty finite-element analysis in convective heat transfer 1-1802
- Karr, G.R. *see* Chung, T.J. 1-11476
- Karr, T.J. *see* Aspinwall, D.M. 1-46495
- Karrasch, B.A., Smotrel, J.R. A summary of natural circulation alternatives for long-term core cooling at TMI-2 1-10492
- Karrer, H.E. *see* Dias, J.F. 1-35898
- Karrow, P.F. The Nipissing transgression around southern Lake Huron 1-40145
- Karsakov, L.P. *see* Parfenov, L.M. 1-22294
- Karsch, F., Miller, D.E. Exact equation of state for ideal relativistic quantum gases 1-214
- Karsch, F. *see* Celik, T. 1-18440
- Karschnick, G. *see* Drube, W. 1-48221
- Karshon, U. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Karshon, U. *see* Eisenberg, Y. 1-10274
- Karson, J. *see* Schouten, H. 1-22319
- Karsten, L.H. The lattice fermion problem and weak coupling perturbation theory 1-28213
- Karstens, T. *see* Altschuh, J. 1-29145
- Kartashev, V.P. *see* Garkusha, V.I. 1-24339
- Kartasheva, T.A., Chumakova, N.M. Atmospheric spectral transmission at the Special Astrophysical Observatory in 1974-1976 1-9246
- Kartasheva, V.G. *see* Antipov, Yu.M. 1-5663
- Kartashov, E.M. *see* Bartenev, G.M. 1-43509
- Kartashova, L.G. Filaments unconnected with sunspots and the chromospheric structure around them 1-27443
- Kartheiser, E. *see* DeVore, J.T. 1-47505
- Kartowardoyo, S. Correlation between PRI and tensile strength retention of natural rubber after Geer-oven ageing 1-26568
- Karttunen, S.J. *see* Ng, A. 1-46891
- Kartuzhanskii, A.L., Larionov, Yu.P. Stability of developed images on diazolayers 1-23354
- Kartuzov, V.V. *see* Danilenko, V.M. 1-31420
- Kartuzova, L.N. *see* Danilenko, V.M. 1-31420
- Karukstis, K.K. *see* Smith, P. 1-1260, 1-14820
- Karunaratne, B.S.B. Micromechanisms for plasticity and fracture of Si-Al-O-N ceramics 1-8401
- Karunatilaka, S.A.G.R., Hampson, N.A., Leek, R., Sinclair, T.J. The impedance of the Leclanche cell. II. The impedance of the individual cell components 1-13115
- Karunatilaka, S.A.G.R., Hampson, N.A., Leek, R., Sinclair, T.J. The impedance of the Leclanche cell. III. The impedance of the cell at different stages of discharge and state-of-charge indication by the impedance method 1-35636
- Karus, E.V. *see* Voznesenskii, B.S. 1-27292
- Karvatskii, L.M. *see* Koval', V.P. 1-3989
- Karvatskii, L.M. *see* Levitskii, M.O. 1-31619
- Karve, R.S., Sarkar, S.K., Rama Rao, K.V.S., Mittal, J.P. Sensitized multiphoton dissociation of UF₆ in SF₆-UF₆ mixtures by a TEA CO₂ laser 1-51249
- Karvinen, J. Measurement of the protective characteristics of spark gaps and comparison with those of lightning arresters 1-42237
- Karvinen, R. Transient convective heat transfer from a wall with capacitance and resistance 1-29514
- Karwowski, B. Accuracy of the bending strength measurements of the ceramic masses after drying 1-48447
- Karwowski, H.J. *see* Jastrzebski, J. 1-10384
- Karwowski, J., Aniola, M. Relativistic effects in three-electron atoms 1-14830
- Karwowski, J., Kobus, J. An effective quasirelativistic Hamiltonian 1-51142
- Karyagin, S.V. On the possibility of low-temperature γ -laser 1-10955
- Karyagin, V.P. *see* Avdeevskii, V.S. 1-9396
- Karyagin, V.V. *see* Kalashnikov, V.P. 1-30724
- Karyaka, V.I. *see* Golovanovskii, K.S. 1-25049
- Karyakin, E.N. *see* Burenin, A.V. 1-45942
- Karyakin, I.V. *see* Parshikov, V.G. 1-53143
- Karyotakis, Y. *see* Badier, J. 1-14430
- Karyuk, G.G. *see* Bochkov, A.V. 1-12864, 1-53291
- Karyuk, G.G. *see* Maiboroda, V.P. 1-35265
- Karzhavin, Yu.A. *see* Vasil'ev, A.I. 1-40762
- Karzhmark, C.J. Concerning radiotherapy standard dose meter calibration 1-9028
- Kasabgy, T. *see* El Kasabgy, T.
- Kasagi, J. *see* Matsushita, N. 1-37077
- Kasagi, J. *see* Ohnuma, H. 1-36945
- Kasahara, A. Effect on zonal flows on the free oscillations of a barotropic atmosphere 1-17657
- Kasahara, A. *see* Shiraishi, T. 1-26997
- Kasahara, J., Gibbons, J.F., Magee, T.J., Peng, J. Ion implantation of sulfur in Cr-doped InP at room temperature 1-2477
- Kasahara, J., Koresawa, S., Nagumo, S., Daikuhara, T., Hara, T., Ando, S. Pop-up OBS (ERI type P-79) 1-9271
- Kasahara, J., Nagumo, S., Koresawa, S., Daikuhara, T., Miyata, H. Experimental results of vortex generation around ocean-bottom seismograph due to bottom current 1-44315
- Kasahara, J., Watanabe, N. Semi-sealing capless anode of GaAs 1-21490
- Kasahara, K. *see* Yokoyama, T. 1-17308
- Kasahara, M., Tatsuzaki, I. Concentration dependence of relaxation time of polarization fluctuation in mixed crystals KDP, DKDP, 1-48098
- Kasahara, M. *see* Miida, R. 1-25290
- Kasahara, M. *see* Nakamura, T. 1-12408
- Kasahara, M. *see* Tokunaga, M. 1-39117
- Kasahara, M. *see* Yamanaka, A. 1-52961
- Kasahara, S. *see* Uchishiba, H. 1-42987
- Kasahara, Y. *see* Ohgishi, S. 1-43307
- Kasai, A. Optical absorption of KCl single crystals in the spectral region from 1.1 to 7.0 eV 1-48109
- Kasai, A., Ohishi, K., Mimura, C. Spectrophotometer for both transmissivity and reflectivity measurement in the region from the near infrared to the ultraviolet 1-44981
- Kasai, H., Okiji, A., Bennemann, K.H. On the order-disorder transition of chemisorbed H on Ni (111) 1-52289
- Kasai, H. *see* Fujisawa, Y. 1-35112
- Kasai, H. *see* Yoshikawa, A. 1-8720, 1-26834, 1-31358
- Kasai, I. *see* Pocock, D.N. 1-5389
- Kasai, J. *see* Hyodo, T. 1-39177
- Kasai, K., Kubota, Y., Tsukidate, T. Synthesis of α -Si₃N₄ powders 1-26417
- Kasai, K. *see* Shimoda, T. 1-8252
- Kasai, K. *see* Shimomae, K. 1-7642
- Kasai, M. *see* Yamagishi, A. 1-26976
- Kasai, N., Nishihara, Y., Kinoshita, T., Yamaguchi, Y. Analysis of X-ray powder diffraction profile 1-46954
- Kasai, P.H., McLeod, D., Jr. Electron spin resonance study of intermetallic molecules CuM and AuM (M = Mg, Zn, Cd and Hg) 1-45997
- Kasai, S. *see* Sengoku, S. 1-24988
- Kasai, S. *see* Suzuki, N. 1-25039
- Kasai, T. Control mechanisms of eye movements 1-26901
- Kasai, T. *see* Hirano, Y. 1-24718
- Kasai, T. *see* Kelley, D.F. 1-33547
- Kasai, T. *see* Terui, H. 1-33831
- Kasajima, T. *see* Hasegawa, S. 1-47931
- Kasak, F. *see* Havel, S. 1-33306
- Kasamatsu, Y., Koyama, M., Masumoto, K.-i., Kojima, K.-i., Hihara, T., Kamigaichi, T. Dilatometric measurement of the thermal expansion of cobalt single crystal 1-42555
- Kasana, R.S., Gupta, T.C. Multiplexed Fourier transform holography by using the parabolic mirrors 1-6503
- Kasana, R.S. *see* Desai, B.B. 1-5367
- Kasano, H. Regular compositional steps generated in GaAs_{1-x}P_x VPE layers 1-7487
- Kasano, H., Furuhata, Y. LPE growth of (Nd₂Y₂O₇)₂O₄ layers from tin melt 1-35189
- Kasantsev, A.G. *see* Gussakov, A.P. 1-34411
- Kasatani, H. *see* Nakamura, S. 1-13002
- Kasatani, K., Tanaka, Y., Shibuya, K., Kawasaki, M., Ohi, K., Sato, H., Tanaka, I. Two- and three-photon absorption of iodine molecules via dissociative states 1-46047
- Kasatani, K. *see* Hanazaki, I. 1-6248
- Kasatani, K. *see* Kawasaki, M. 1-8572
- Kasatka, N.G. *see* Brainin, G.E. 1-3671
- Kasatkin, B.A. Formulation of the synthesis problem in the theory of piezoelectric transducers 1-1794
- Kasatkin, B.A. Transient and pulse characteristics of a piezoelectric transducer in the radiation, reception, and echo modes 1-33867
- Kasatkin, B.A., Ivina, N.F. Analysis of the design feasibility of multifunctional tunable piezoelectric transducers 1-29500
- Kasatkin, B.A., Pavin, N.Ya. A method of tuning the operating frequency of a piezoelectric transducer 1-1795
- Kasatkin, E.V. *see* Velikodnyi, L.N. 1-53356
- Kasatkin, G.V. *see* Beletskii, V.V. 1-23007
- Kasatkin, S.B. *see* Zhdanov, I.M. 1-31556
- Kasatkin, Yu.A. *see* Shevchenko, N.G. 1-626
- Kasatochkin, S.V. Double electron-nucleus resonance as a method of structural analysis 1-30012
- Kasaya, M. *see* Tarascon, J.M. 1-12599, 1-12600
- Kaschiev, G.S. *see* Zelev, Z.T. 1-23855
- Kase, K.R. *see* Bjarnagard, B.E. 1-9027
- Kase, K.R. *see* Piontek, R.W. 1-20260
- Kasemo, B. *see* Krozer, A. 1-7465
- Kaseno, H. *see* Naka, S. 1-14266
- Kasenov, B.K. *see* Isabae, S.M. 1-8285
- Kash, M.M. *see* Zimmerman, M.L. 1-1168
- Kashaev, A.A. *see* Sapozhnikov, A.M. 1-30200
- Kashaev, R.S., Gubaidullin, F.F., Gil'manov, A.N., Kost, M.E. Proton magnetic relaxation in the Y-H system 1-3288
- Kashaev, Yu.G., Novikov, S.A., Sinitsyn, V.A. Study of the dynamic extension diagram for titanium and copper with explosive loading by an electronic inertia method 1-31805
- Kashaeva, L.M., Sabirov, L.M., Utarova, T.M., Chaban, I.A. Narrowing of the Rayleigh line wing in stratifying solutions of various concentrations 1-12518
- Kashapov, I.A. Justification of the renormalization-group method 1-5234
- Kashcheev, V. The dynamic structure factor in ferroelectrics of the order-disorder type 1-16532
- Kashcheev, V. Soft mode relaxation near structure transitions in magnetic ferroelectrics 1-47206
- Kashcheev, V.N. The soft mode polarization operator for low-dimensional displacive-type ferroelectrics 1-16008
- Kashchenko, M.P. Congruity of the concentration dependence of temperatures of martensitic transformation in the systems Fe-Ni and Fe-Mn with generation conditions in the phonon maser model 1-16775
- Kashchenko, M.P. *see* Vereshchagin, V.P. 1-27869
- Kashchiev, D., Exerova, D. Nucleation mechanism of rupture of Newtonian black films. I. Theory 1-16156
- Kashchuk, A.P. *see* Burq, J.P. 1-23912
- Kasberininov, P.G., Matyukhin, D.G. Bulk polarization charges in semiinsulating cadmium telluride crystals 1-20806
- Kasberininov, P.G., Matyukhin, D.G., Sladkova, V.A. Nature of the nonlinearity of the lux-ampere characteristics of metal-semiconductor-metal structure with semiinsulating cadmium telluride crystals 1-25811
- Kashida, H. *see* Midorikawa, M. 1-8024
- Kashihara, H. *see* Fujii, I. 1-763
- Kashihara, T. *see* Koyama, S. 1-48939
- Kashin, O.A. *see* Ovcharenko, V.E. 1-12690
- Kashinskii, O.N. *see* Burdakov, A.P. 1-15536
- Kashinsky, O.N. *see* Nakoryakov, V.E. 1-29761

- Kashintsev, G.L., Rudnik, G.B., Safonov, V.G. Edaphogenic and tectonic breccias in the East Indian trench 1-54035
- Kashirin, M.F. see Pashkevich, A.G. 1-15426
- Kashirina, N.I., Suslin, L.A. Exchange splitting of two-electron systems in polar media 1-42731
- Kashirskaya, L.M. see Sologub, V.V. 1-34625
- Kashirskii, Yu.V. see Yudin, A.A. 1-2558
- Kashiwa, T. On the ordering independence of the path integral formalism 1-49982
- Kashiwabara, H. see Shimada, S. 1-31055
- Kashiwabara, M., Takahashi, M., Oka, Y., Fujisaki, H. Trial manufacture of UV-nitrogen laser 1-6571
- Kashiwagi, H. see Miyazaki, K. 1-51551
- Kashiwagi, H. see Osamura, Y. 1-1073
- Kashiwagi, M. see Taniguchi, K. 1-20458
- Kashiwagi, T., Isshiki, N., Kurosaki, Y. Heat transfer of the critical air flow in a nozzle. The flow and heat transfer characteristics of an accelerated transonic air flow in a divergent nozzle 1-24861
- Kashiwakura, J. see Sugiura, C. 1-53015
- Kashiwamura, T. see Kobayashi, T. 1-48338, 1-48339
- Kashkarov, V.P. see Zakarin, E.A. 1-2101
- Kashkarova, N.A. see Dorofeeva, M.V. 1-41812
- Kashkovskii, V.V. Alignment of directions of bremsstrahlung and electron radiations from a betatron 1-37032
- Kashlev, Yu.A., Solov'ev, G.S. Quantum states and diffusion mobility of impurity hydrogen-atom in BCC metals 1-52362
- Kashnikov, B.P. see Dvurechenskii, A.V. 1-20264
- Kashnikov, G.N., Orlov, V.K., Panin, A.N., Piskunov, A.K., Reznikov, V.A. Characteristics of 200-250 nm radiation emitted by a plasma-dynamic discharge in a quartz tube 1-34054
- Kashnikov, G.N., Orlov, V.K., Panin, A.N., Piskunov, A.K., Reznikov, V.A. Pulse-periodic iodine photodissociation laser pumped with radiation from magnetoplasma compressors 1-51466
- Kashnikov, N.I. see Mal'tsev, M.V. 1-26450
- Kashpar, E.I. see Torochkov, V.Yu. 1-29413
- Kashpar, Yu.V., Nikitin, A.A., Orlov, A.B. Measurements of VLF signals reflected from the ionosphere 1-13640
- Kashtanov, Yu.N. The improvement of the rate of convergence in Monte Carlo calculation of functionalities of the stationary distribution of Markov chain 1-50058
- Kashuba, R.J. see Campbell, R.B. 1-41236
- Kashy, E. see Poughon, F. 1-50505
- Kasiak, M., Włodarczyk, E. Reflection of concentric spherical stress wave in elastic medium 1-33926
- Kasichev, V.P. see Bodayko, M.N. 1-8320
- Kasida, Y. see Iwakura, T. 1-53710
- Kasilov, V.I. see Antipenko, A.P. 1-45555
- Kasim, S.A. see Goma, M.A. 1-18969
- Kasimov, G.G. Reaction of NbO_2 with metal oxides 1-8548
- Kasimovskii, A.A. see Al'tudov, Yu.K. 1-52163
- Kasina, S. On precipitation acidity in southeastern Poland 1-39851
- Kask, N.E., Radchenko, V.V., Fedorov, G.M., Choporniyak, D.B. Stress in glass during laser heating of the interior 1-31611
- Kaski, W.C. see Kroecker, R.M. 1-42627
- Kaski, K., Sinkkonen, J., Kuivalainen, P., Stubb, T. Free-carrier absorption of radiation in magnetic semiconductors due to spin-disorder scattering 1-3350
- Kaski, K. see Chakrabarti, B.K. 1-44856
- Kaski, K. see Kuivalainen, P. 1-12123
- Kaskik, Z. see Sopot, B. 1-42410
- Kaslina, N.A. see Ryabokobylko, Yu.S. 1-6284
- Kasner, W.H., Feldman, D.W., Suhre, D.R., Taylor, L.H. Gas effects in a $16\ \mu\text{m}$ CO_2 TE laser 1-46291
- Kasova, I. see Gempeler, A. 1-2451
- Kaspar, H. see Becklin, J. 1-14734
- Kaspar, H. see Nemethy, P. 1-45183
- Kaspar, R. see Pawelski, O. 1-53396
- Kasparov, V.I. see Bazhanov, V.I. 1-51076
- Kasparyan, K.I. see Alaniya, N.M. 1-20265
- Kasper, J. see Cassoux, P. 1-16287
- Kasper, J.S. see Markiewicz, R.S. 1-38763, 1-42364
- Kasper, J.V.V., Pollock, C.R., Curl, R.F., Jr., Tittle, F.K. Observation of the $^{21}\text{P}_{1/2} \rightarrow ^{21}\text{P}_{3/2}$ transition of the Br atom by color centre laser spectroscopy 1-28906
- Kasper, J.V.V., Pollock, C.R., Tittel, F.K. Color center laser spectrometer for high resolution IR spectroscopy 1-45040
- Kasper, J.V.V. see Liflin, G. 1-18311
- Kasper, L., Hufner, S. Electron energy loss spectroscopy of LiNbO_3 1-39198
- Kasper, P. see De Raach, J. 1-36873
- Kasperidis, G. see Baacke, J. 1-5583
- Kasperkowitz, P. The simple characters of $\text{SU}(3)$ as solutions of an eigenvalue problem 1-5529
- Kasperovich, A.N., Mantush, O.M., Shalaginov, Yu.V. A two-channel digitizing recorder for signals of microsecond duration 1-40775
- Kasperovich, S.A., Cherenko, V.G. Technical equipment for xeroradiography 1-39994
- Kasprzak, H. On the possibility of optical performing of non-integer order derivatives 1-19279
- Kass, J.N., Giannuzzi, A.J., Hughes, D.A. Radiation effects in boiling water reactor pressure vessel steels 1-11791
- Kass, J.N., Walker, W.L., Giannuzzi, A.J. Stress corrosion cracking of welded type 304 and 304L stainless steel under cyclic loading 1-26657
- Kass, R. see Bebek, C. 1-33191
- Kass, R. see Chadwick, K. 1-33192
- Kassab, E., Evleth, E.M., Dannenberg, J.J., Rayez, J.C. Theoretical analysis of the cycloaddition of ethylene 1-17034
- Kassab, E. see Rayez, J.C. 1-10668
- Kassabov, I., Goranova, E., Nachev, I. A method to determine the parameters of the Si-SiO_2 interface without gate 1-16368
- Kassam, S.A., Tong Leong Lim, Cimini, L.J. Two-dimensional filters for signal processing under modeling uncertainties 1-5292
- Kassel, A. see Wuerker, R.F. 1-15121, 1-41626
- Kassell, P.C., Jr. see Compton, E.C. 1-36751
- Kasser, J., Nerz, K.P. Testing of industrial components by means of acoustic emission analysis 1-53393
- Kassing, D. Satellite power systems—status and planned activities 1-39805
- Kassing, D. see Westphal, W. 1-49472
- Kassner, T.F. see Chopra, O.K. 1-42561
- Kast, J.W. see Budick, B. 1-23591
- Kastalskaya, N.N. see Abramyan, V.K. 1-48747
- Kasteel, B. Nuclear fusion experiments in the USA 1-45723
- Kastelewich, H. see Sabadil, H. 1-34134
- Kastelic, J., Palley, I., Baer, E. A structural mechanical model for tendon crimping 1-35798
- Kasten, F. A simple parameterization of the pyrolytic formula for determining the Linke turbidity factor 1-49388
- Kasten, P.R. High-Temperature Gas-Cooled Reactors and process heat 1-45722
- Kastenbergh, W.E. see Abbott, E.C. 1-50832
- Kastenbergh, W.E. see Hauss, B.I. 1-10427
- Kasting, G.B., Lushington, K.H., Garland, C.W. Critical heat capacity near the nematic-smectic-A transition in octyloxycyanobiphenyl in the range 1-2000 bar 1-2605
- Kasting, G.B. see Lushington, K.J. 1-11851
- Kastner, M., Fischer, H., Bolle, H.-J. Wind determination from Nimbus 5 observations in the 6.3 μm water vapor band 1-4582
- Kastner, M. see Gee, C.M. 1-3461
- Kastner, S.O. Nomograph and table for Doppler linewidths 1-28920
- Kastner, S.O. Wavelength predictions for lines of interest in the Ne I sequence 1-41337
- Kasture, S.V. see Sinha, H.S. 1-44208
- Kasturirangan, K. see Rao, U.R. 1-49595
- Kasuga, M., Mochizuki, M., Kobayashi, K., Shimizu, A. New epitaxial relationships of single-crystal zinc oxide on sapphire 1-20583
- Kasuga, T., Kano, S.S., Shimizu, T. Measurement of longitudinal relaxation rate constant of rotational transition of H_2O by the microwave frequency-switching method 1-24287
- Kasukawa, K. see Sata, T. 1-43559
- Kasumov, B.M., Arkhipov, R.G. Anisotropic resistivity of HCP metals under pressure: Zn, Cd, Mg 1-25696
- Kasuya, A., Goto, T., Nishina, Y., Satoh, S., Igaki, K. The Fano effect in the bound excitation spectra of ZnSe 1-48141
- Kasuya, A., Nishina, Y. Resonant two-photon photoemission via 1s excitation level in PbI_2 1-39212
- Kasuya, A., Nishina, Y. Two-photon photoemission and band symmetry in e-GaSe 1-42686
- Kasuya, A. see Goto, T. 1-47493
- Kasuya, H. Comparison of two methods for normalizing vocal formant frequencies based on estimated vowel tract length 1-19518
- Kasuya, H. An improved autocorrelation pitch detector 1-37723
- Kasuya, K., Minami, Y., Horioka, K., Niu, K. Small signal gain coefficient and power output calculations of high temperature CO_2 gasdynamic laser without flow stagnations 1-46285
- Kasuya, T. see Aoki, Y. 1-16425
- Kasuya, T. see Hanzawa, K. 1-52766
- Kasuya, T. see Kawakami, M. 1-20954, 1-52866
- Kasuya, T. see Saso, T. 1-47683
- Kasuya, T. see Takase, A. 1-20703
- Kasuya, T. see Takegahara, K. 1-42957
- Kasvand, T. see Abdelmalek, N.N. 1-6491
- Kas'yan, K.N. see Yudkovskii, S.I. 1-43384
- Kas'yan, V.I. see Litvinenko, V.F. 1-30416
- Kas'yanov, A.I. see Voloshin, V.A. 1-44977
- Kas'yanov, V.A., Rachev, A.I. Deformation of blood vessels upon stretching, internal pressure, and torsion 1-49042
- Kasymova, A.G. Planetary distribution of the E_2 layer 1-4694
- Kasymova, S.S. see Andreev, N.S. 1-43326
- Kasza, K.E., Bobis, J.P. Thermal-transient-induced pipe stratification 1-50890
- Kataev, A.L. see Chetyrkin, K.G. 1-10072, 1-50321
- Kataev, G.I. see Nikitin, S.A. 1-30978
- Kataev, Yu.P., Marokov, M.I. Axisymmetric dynamics of a sheet under large deformation conditions 1-15407
- Katagiri, K., Awatani, J., Koyanagi, K., Onishi, Y., Tsuji, M. Dislocation structures associated with fracture surface topographies in Stage II fatigue crack growth in copper and 70/30 brass 1-16890
- Katagiri, K., Awatani, J., Koyanagi, K., Onishi, Y., Tsuji, M. Dislocation structures adjacent to fatigue crack tips propagating at high rates in copper and 70/30 brass 1-42388
- Katagiri, M. see Terada, H. 1-1001
- Katagoshchin, O.D. see Ignatov, Ye.I. 1-54075
- Katajanheimo, R. Existence of the $7/2$ state in $N=89$ nuclei 1-623
- Katajanheimo, R., Siivola, A., Lauhakangas, R. In-beam study of excited states in the nucleus ^{150}Nd 1-5681
- Kataki, R. Induced α helix in a peptide system by introduction of a nucleus 1-48953
- Katakura, K. see Smith, W.L. 1-53843
- Katakuse, I. see Matsuda, H. 1-21818
- Katakuse, I. see Nakabushi, H. 1-28766
- Katano, K. see Suzumura, N. 1-40015
- Katano, R. see Mukoyama, T. 1-14495
- Katano, R. see Watanabe, Y. 1-41076
- Katano, S., Mori, N. Pressure effect on the resistance minimum in antiferromagnetic Cr-Fe and Cr-Co alloys 1-25720
- Katanukhin, V.K., Medvedev, Yu.V. Installation for measuring the lifetime of free current carriers in semiconductor blocks by a UHF contactless method 1-14138
- Katanuma, I. Heat transport due to the collisionless tearing instabilities 1-11529
- Katanuma, I., Kamimura, T. Simulation studies of the collisionless tearing instabilities 1-29903
- Kataoka, H. see Mizuno, T. 1-26627
- Kataoka, M. The martensitic transition in A15 compounds—the elastic softening in the low temperature phase 1-25425
- Kataoka, R. see Umeyabashi, S. 1-48315
- Kataoka, S., Ando, T. Formation of optically active polymers by radical polymerization of methacrylic acid in the presence of chitosan 1-8037
- Kataoka, Y. see Iwami, M. 1-26344
- Kataoka, Y. see Nose, S. 1-7453
- Kataoka, Y. see Ozaki, Y. 1-7322, 1-24107, 1-52276
- Kataria, S.K., Ramamurthy, V.S. Macroscopic level density parameters for nuclei 1-14467
- Kataria, S.K., Ramamurthy, V.S. Macroscopic systematics of nuclear level densities 1-18565
- Kataria, S.K. see Prakash, M. 1-36959
- Katarzhnov, Yu.I. see Khitrov, V.V. 1-31629
- Katshevskii, V.A. see Bykovskii, Yu.A. 1-24535
- Katashinskii, V.P. Effect of roll diameter on the energy and force parameters of metal powder rolling 1-35209
- Katayama, H. see Kido, G. 1-40872
- Katayama, H. see Miura, N. 1-48039
- Katayama, I. see Fujita, Y. 1-28446
- Katayama, I. see Ikegami, H. 1-10583
- Katayama, K., Katayama, T., Sekiya, T. On the qualitative study of combination resonance in elastic systems under periodic forces 1-19631
- Katayama, K. see Kawaguchi, A. 1-47013
- Katayama, M. see Kitagawa, H. 1-26495
- Katayama, M. see Mizugai, Y. 1-28963
- Katayama, S., Murase, K. Role of local displacement of Ge ions on structural instability in $\text{Pb}_{1-x}\text{Ge}_x\text{Te}$ 1-39051
- Katayama, T., Ooiwa, K., Ishii, C. Dephasing effect on the recovery of the longitudinal magnetization in superfluid $^3\text{He-A}$ 1-3274
- Katayama, T. see Arai, S. 1-50999
- Katayama, T. see Katayama, K. 1-19631
- Katayama, T. see Sumi, N. 1-14650
- Katayama, Y., Fukushima, T., Yamakawa, T. Beam loading effect on capture efficiency in radio frequency acceleration in electron synchrotron 1-18932
- Katayama, Y., Shimada, T., Usami, K., Ishioka, S. Control of optical gap in $\text{a-Si}_{1-x}\text{C}_x\text{H}$ alloy films produced by reactive sputtering method 1-8708
- Katayama, Y., Usami, K., Shimada, T. Chemical bonding states in the amorphous $\text{Si}_3\text{C}_{1-x}\text{H}$ system studied by X-ray photoemission spectroscopy and infrared absorption spectra 1-52103
- Katayama, Y. see Kurokawa, T. 1-6684, 1-15267
- Katayama, Y. see Shimada, T. 1-52942
- Katayama, Y. see Usami, K. 1-21346, 1-31308
- Katayama-Yoshida, H., Terakura, K., Kanamori, J. Systematic variation of hyperfine field and relaxation time of impurity nuclei in ferromagnetic nickel. II. Case of light nuclei 1-7556
- Katcoff, S. see Hsieh, H.C. 1-50549
- Katcbau, K.-H. Analytical description of the electron microscope diffraction contrast of lattice defects in the two-beam case 1-52029
- Katerberg, J.A., Anderson, A.C. Comparison of steady-state and second-sound measurements of the Kapitza resistance 1-42593

- Kates, J.M. Optimum loudspeaker directional patterns 1-15342
- Kates, R.E. Motion of an electrically or magnetically charged body with possibly strong internal gravity through external electromagnetic and gravitational fields 1-19892
- Kates, R.E. Gravitational radiation damping of a binary system containing compact objects calculated using matched asymptotic expansions 1-9894
- Kates, R.E. Motion of a small body through an external field in general relativity calculated by matched asymptotic expansions 1-14051
- Katgerman, L. see Bendijk, A. 1-21438
- Kathiresan, K. see Atluri, S.N. 1-29628
- Kathrein, H., Knipping, U., Freund, F. Atomic carbon in magnesium oxide. VI. Electrical conductivity 1-20733
- Kathrein, H. see Freund, F. 1-27101
- Katnasas, V.I., Markyavichyus, A.A., Zhukauskas, A.A. Separation of vortices and fluctuations in flow rate in staggered banks of tubes subject to transverse streamline flow of air 1-19728
- Katircioglu, B. see Pautrat, J.L. 1-12067
- Katiyar, R.S. see Sanjurjo, J.A. 1-12501
- Katkov, V.F. see Sinyakov, E.V. 1-39021
- Katkov, V.M., Strakhovenko, V.M. Angular distributions and the radiation spectrum at an electron collision in a magnetic field 1-10116
- Katkovsky, L.V., Kruglov, V.I., Khodyko, Yu.V. Method of Markov chains simulation in incoherent radiation transfer theory 1-9949
- Katsumi, A.D. see Duke, C.B. 1-42612
- Katsumi, A.D. see Margaritondo, G. 1-7689, 1-8192, 1-38600
- Kato, A. see Hojo, J. 1-21395
- Kato, A. see Imai, Y. 1-39300
- Kato, A. see Osumi, Y. 1-20556
- Kato, C., Ateya, B.G., Castle, J.E., Pickering, H.W. On the mechanism of corrosion of Cu-9.4Ni-1.7Fe alloy in air saturated aqueous NaCl solution. I. Kinetic investigations 1-16965
- Kato, C., Castle, J.E., Ateya, B.G., Pickering, H.W. On the mechanism of corrosion of Cu-9.4Ni-1.7Fe alloy in air saturated aqueous NaCl solution. II. Composition of the protective surface layer 1-16966
- Kato, E., Daimon, K. Crystal structure of anhydrous aluminum sulfate 1-30202
- Kato, E., Daimon, K., Takahashi, J. Decomposition temperature of β -Al₂TiO₅ 1-4073
- Kato, E., Kanaoka, S., Inagaki, S. Infrared spectra of kaolin minerals in OH region. III. Classification of infrared spectra of kaolinite and halloysite 1-48086
- Kato, E., Kanaoka, S., Ozaki, S. Infrared spectra of kaolin minerals in OH region. IV. Some mineralogical aspects of KAKINO kaolin 1-48087
- Kato, E. see Murase, Y. 1-2365, 1-38314
- Kato, H. Laser-induced fluorescence of Cs₂ and role of kinetic energy in the Franck-Condon principle 1-1269
- Kato, H., Hirao, K., Akagi, K. Theoretical study on the structure and stability of (LiH)₆ by the energy gradient method 1-41299
- Kato, H., Kogure, H., Takeuchi, N., Kobayashi, K., Suzuki, K., Shikata, E. Development of ¹³²Ir sources for brachytherapy 1-32247
- Kato, H., Noda, C. Laser-induced fluorescence of NaK and the dissociated atoms 1-37235
- Kato, H., Sakisaka, Y., Nishijima, M., Onchi, M. Electron-energy-loss and secondary-electron emission spectroscopies of clean and hydrogen-covered Ni (100) surfaces 1-3549
- Kato, H., Yamashita, K., Hirao, K. On the simple energy relation between the RHF, UHF and closed-shell SCF methods 1-14798
- Kato, H. see Hayashi, M. 1-24126, 1-51188
- Kato, H. see Hori, Y. 1-23193
- Kato, H. see Ishida, T. 1-26938
- Kato, H. see Ishikawa, T. 1-3834
- Kato, H. see Kano, E. 1-53822
- Kato, H. see Kimoto, K. 1-10882
- Kato, H. see Kobayashi, H. 1-2821
- Kato, H. see Mizoguchi, T. 1-12765
- Kato, H. see Sakisaka, Y. 1-16638
- Kato, I., Tsuchida, H., Nagai, M. Radial distribution of excited atoms in a new coaxial line type microwave CW discharge tube 1-15645
- Kato, K. High-efficiency, high-power difference-frequency generation at 2-4 μ m in LiNbO₃ 1-15218
- Kato, K. The OD-structure of lead silicate Pb₂SiO₄ and lead silicate-germanite mixed crystal Pb₂(Si_{1-x}Ge_x)O₄ 1-15849
- Kato, K. Operation for storage disposal and properties of spent ion exchange resin stored through long time in JPDR 1-18777
- Kato, K. High-efficiency high-power second-harmonic generation at 5321 Å in meta-nitroaniline 1-29333
- Kato, K., Shimizu, Y. A new treatment of the scaling violation for flavor singlet distribution functions in QCD 1-5572
- Kato, K., Yamamoto, H. Real photon to neutral pion ratios and photon-jet correlations in quantum chromodynamics 1-503
- Kato, K. see Benford, G. 1-19912
- Kato, K. see Suzuki, M. 1-12303
- Kato, K. see Tamaki, A. 1-49394
- Kato, M. Structure and mass loss rate of stars immersed in hot radiation field [quasar model] 1-22922
- Kato, M. Hardening by spinodally modulated structure in BCC alloys 1-26477
- Kato, M., Murakami, S., Matsumoto, G. Measurements of stiffness of mammalian muscle by a newly developed instrument 1-4394
- Kato, M., Onari, S., Arai, T. Raman scattering in amorphous (As₂Se₃)_{1-x}(Sb₂Se₃)_x system 1-26192
- Kato, M. see Iguchi, S. 1-11177
- Kato, M. see Nakayama, Y. 1-41635
- Kato, M. see Sato, H. 1-46391
- Kato, M. see Wada, T. 1-54559
- Kato, N. Statistical dynamical theory of crystal diffraction. I. General formulation 1-2285
- Kato, N., Yamamoto, H. Ultra high intensity X-ray generator 1-5452
- Kato, S., Morokuma, K. Potential energy characteristics and energy partitioning in chemical reactions: ab initio MO study of four-centered elimination reaction CH₃CH₂F-CH₂=CH₂+HF 1-12988
- Kato, S. see Aizawa, M. 1-22172
- Kato, S. see Akino, Y. 1-41273
- Kato, S. see Fukao, S. 1-22618
- Kato, S. see Konishi, R. 1-39184
- Kato, S. see Mohri, M. 1-26340
- Kato, S. see Ujije, S. 1-799
- Kato, T., Hirano, S., Yoshimura, M., Somiya, S. Reactions and phase relations in the system Cr-B-N at 1600°C under 1 atm N₂ 1-26437
- Kato, T., Matsumoto, T., Ishida, T. Electrical properties of Zn-doped In_{0.5}Ga_{0.5}P 1-47686
- Kato, T., Tsumura, K. Vertical land movement in Japan as deduced from tidal record (1951-1978) 1-9141
- Kato, T., Ueda, H. Frequency temperature characteristics of rectangular AT-cut quartz plates 1-21132
- Kato, T. see Baba, Y. 1-35900
- Kato, T. see Eguchi, K. 1-16825
- Kato, T. see Euryaya, T. 1-41262
- Kato, T. see Fujimoto, T. 1-46859
- Kato, T. see Hayashi, Y. 1-20923
- Kato, T. see Ito, N. 1-14094
- Kato, T. see Kawabata, K. 1-4871
- Kato, T. see Okazaki, T. 1-15625
- Kato, T. see Takamura, S. 1-31526
- Kato, T. see Takano, T. 1-16412
- Kato, T. see Thatcher, W. 1-27140
- Kato, T. see Wada, H. 1-47773
- Kato, Y. High power laser development and applications 1-51502
- Kato, Y., Kitayama, I., Seikai, S., Uchida, S. Effective cutoff wavelength of the LP₁₁ mode in single-mode fiber cables 1-41850
- Kato, Y., Seto, M., Hayasaka, T., Saito, T., Yumoto, K. Balloon observation of magnetic field from Sanriku coast to east side of Japan Trench 1-22191
- Kato, Y., Yoshida, K., Kuroda, J., Yamanaka, C. 3.4-TW performance of a Nd:phosphate glass laser with output aperture of 20 cm 1-46367
- Kato, Y. see Fujiwara, E. 1-41668
- Kato, Y. see Hirose, M. 1-26581
- Kato, Y. see Matsuzawa, H. 1-15161
- Kato, Y. see Morita, M. 1-8110
- Kato, Y. see Takeuchi, I. 1-49437
- Katoda, T. see Nakamura, T. 1-43103
- Katoh, A. see Ibaraki, Y. 1-1004
- Katoh, E. see Nagata, T. 1-33553
- Katoh, I. see Yoneda, N. 1-3754
- Katoh, K. see Nagata, I. 1-38490
- Katoh, K. see Nakamura, T. 1-45567
- Katoh, T. see Yamamoto, H. 1-28410
- Katoh, Y., Noda, M., Yamafuji, K. On the magnetization and the hysteresis loss of a superconducting wire in a transverse magnetic field 1-47793
- Katoh, Y. see Masuda, M. 1-16467
- Katona, J.E. see Hanai, K. 1-28968
- Katopodis, K., Ichtarioglu, S., Michalodimitrakis, M. The family of the three-dimensional general three-body problem 1-13669
- Katopodis, K. see Ichtarioglu, S. 1-36162
- Katopodis, K. see Ichtarioglu, S. 1-17758
- Katou, K. Electromagnetic wave energy and momentum equations in transparent, dispersive, space- and time-varying media 1-46199
- Katrich, A.B., Kuzmichev, V.M. Absorption of electromagnetic energy by metal cylinder 1-41574
- Katrich, M.D. see Chan Hai Guin 1-20231
- Katriel, J., Appellof, C.J., Davidson, E.R. Mapping between local potentials and ground state densities 1-49965
- Katriel, J., Davidson, E.R. Shellwise virial scaling: approximation for atomic hole states 1-14809
- Katriel, J., Davidson, E.R. Asymptotic behavior of atomic and molecular wave functions 1-19004
- Katriel, J., Davidson, E.R. The non-crossing rule: triply degenerate ground-state geometries of CH₄⁺ 1-29131
- Katriel, J., Nyden, M.R. A comparison between hydrogenic and Thomas-Fermi expectation values 1-45845
- Katriel, J. see Feller, D. 1-24023
- Katrak, Yu.M. see Beresnev, V.K. 1-49401
- Kats, A.V. see Vinokurov, L.I. 1-9208
- Kats, L.L., Safonov, A.A. Parametric conversion of millimeter and submillimeter wave band frequencies through extended interaction of waves in a solid-state plasma with hot carriers 1-30775
- Kats, M.E. see Dorman, L.I. 1-36124
- Kats, M.L. see Zvezdova, N.P. 1-2438
- Kats, M.S. see Boyarskaya, Yu.S. 1-52142
- Kats, S.M., Ordan'yan, S.S., Gorin, A.I., Semenov, S.S., Kudryashova, L.V. Influence of tungsten carbide on creep of zirconium carbide 1-16838
- Katsanos, S. see Aston, D. 1-14399, 1-45297, 1-50442
- Katsanos, N.A., Vattis, D. A new method for analyzing chronopotentiometric and rotating disc electrode waves 1-21740
- Katsapov, F.M. see Osinskii, V.I. 1-8139
- Katsch, R. see Dalgligh, N.P. 1-285
- Katsev, A. see Pangelova, N. 1-8591
- Katsev, I.L. see Zoge, E.P. 1-1483
- Katskov, D.A., Burtsev, I.G., Grinshtein, I.L. Reducing the effects of the sample chemical composition on the results of the atomic absorption determination of volatile elements using a metallic atomizer in an oxidizing atmosphere 1-8631
- Katsnel'son, A.A., Kantur, O.V., Sorokina, N.K. Characteristics of the mosaic structure of the laser interaction zones in silicon single crystals 1-26316
- Katsnel'son, A.A., Stepanyuk, V.S., Shpotin, I.S., Yastrebov, I. The impurity potential model for calculating residual resistance of diluted solid solutions 1-47631
- Katsnel'son, A.A. see Batirev, I.G. 1-2862
- Katsnel'son, A.A. see Batyrev, I.G. 1-7502
- Katsnel'son, M.I., Okulov, V.I., Ustinov, V.V. Impedance of a metallic film under anomalous skin-effect conditions 1-3078
- Katsov, K.B. see Rudenko, V.P. 1-35448
- Katsube, R. see Koga, K. 1-35789
- Katsube, T., Kakimoto, K., Hara, M. Measurement of surface state distributions in MOS diodes with a simple DLTS system 1-20877
- Katsube, T., Umezaki, S., Ikoma, T. Improved efficiency of Si MOS solar cell due to surface states and oxide charges 1-4183
- Katsube, Y. see Sato, Y. 1-25597
- Katsuhara, T. see Masuoka, T. 1-1988
- Katsui, A. see Ando, K. 1-42826
- Katsuki, K., Shibaoka, K., Onishi, S., Miwa, T. Laminated sheet composed of thin glass and plastic sheets 1-31599
- Katsumata, I., Sakai, Y., Oshio, T. Heavy ion beam probe for potential measurement 1-19979
- Katsumata, K. see Adam, A. 1-16486
- Katsumata, K. see Ito, A. 1-38912
- Katsumata, K. see Tawarayama, T. 1-16428
- Katsumata, S., Mitani, K., Shiromaru, H. Photoelectron angular distribution of H₂S measured with Ne I to He II resonance lines 1-6313
- Katsura, J. see Nakayama, H. 1-26256
- Katsura, S. Spin glasses for the long ranged and short ranged bond Ising models without using the replica method 1-12336
- Katsura, S. Entropy of the spin-glass state in the binary mixture of the ferro- and antiferromagnetic random Ising model at T=0 1-25958
- Katsura, S., Nagahara, I. Frustration effect and the spin glass transition temperature in the bond mixtures of the Ising model in the face-centred cubic lattice 1-3188
- Katsura, S., Nagahara, I. Effect of the frustration to the ground state energy and entropy of the spin-glass in the random bond Ising model of the square lattice 1-27896
- Katsura, S., Shimada, K. Phase boundaries between the paramagnetic and the antiferromagnetic phases and between the paramagnetic and the spin-flop phases of the Heisenberg-Ising model 1-25960
- Katsuragawa, S. see Uchida, S. 1-22114
- Katsuragi, K. see Yokoyama, T. 1-17308
- Katsuragi, S. see Tako, T. 1-29252
- Katsuragi, Y. see Miyake, Y. 1-53711
- Katsurai, M. see Ohmori, T. 1-45074
- Katsuta, M. see Kawakubo, T. 1-43584
- Katsuta, S. see Nagatomo, T. 1-4189
- Katsura, K. see Hayashi, M. 1-33202
- Katsuyama, T. see Matsumura, H. 1-11125, 1-11134
- Katsuyama, Y., Mitsunaga, Y., Ishida, Y., Ishihara, K. Transmission loss of coated single-mode fiber at low temperatures 1-33803
- Katsuyama, Y., Mitsunaga, Y., Ishida, Y., Ishihara, K. Strain measurement in optical fiber cable using resistance wire 1-41990
- Katsuyama, Y. see Mitsunaga, Y. 1-1690

- Kattamis, T.Z. *see* Kadalbal, R. 1-16767
- Kattan, A.N.EI *see* El Kattan, A.N.
- Kattawar, G.W., Humphreys, T.J. Electromagnetic scattering from two identical pseudospheres 1-6431
- Kattawar, G.W., Young, A.T., Humphreys, T.J. Inelastic scattering in planetary atmospheres. I. The ring effect, without aerosols 1-54238
- Kattenberg, A., van Hees, R.M., van Nieuwkoop, J. Digitally recorded type I bursts and some theoretical aspects of continuum and burst generation 1-4882
- Katterwe, H. *see* Goebel, R. 1-23375
- Katto, Y. Critical heat flux of forced convection boiling in uniformly heated vertical tubes (correlation of CHF in HP-regime and determination of CHF-regime map) 1-19706
- Katto, Y. General features of CHF of forced convection boiling in vertical concentric annuli with a uniformly heated rod and zero inlet subcooling 1-33882
- Katto, Y., Kurata, C. Critical heat flux of saturated convective boiling on uniformly heated plates in a parallel flow 1-19710
- Katty, A., Levy-Clement, C. Low-temperature transition in transport properties of In_2Se_3 , Cr_2O_3 1-12153
- Katulevskii, Yu.A. *see* Azimov, S.A. 1-20735, 1-20789, 1-34785
- Katushonok, S.S., Komar, M.V., Kudalenkin, V.V., Onishchuk, S.G., Shestakova, L.I., Shushkevich, S.S. Digital store for ESR spectra 1-18266
- Katuya, M. Energy tonic branching ratio averaged over D mesons 1-542
- Katykhin, G.S. *see* Anton'eva, N.M. 1-669
- Katyl, R.H. Air-coil design using numerical optimization methods 1-6423
- Katsybe, A.N. Line width of resonance longitudinal vibration spectra in an electronic plasma 1-19908
- Katz, A. New estimate of quark mass parameters 1-45186
- Katz, D. *see* Isayev, A.I. 1-16837
- Katz, E.M. *see* Kerlin, T.W. 1-28573
- Katz, I., Mandell, M.J., Parks, D.E., Schueller, G.W. A theory of dielectric surface discharges 1-34140
- Katz, I. *see* Mandell, M.J. 1-35651
- Katz, J. The coherence of radiation by fast-moving charges 1-9357
- Katz, J. A discrete vortex method for the non-steady separated flow over an airfoil 1-46788
- Katz, J., Bar-chaim, N., Margalit, S., Yaviv, A. AlGaAs heterostructure injection laser SCR 1-1582
- Katz, J., Margalit, S., Harder, C., Wilt, D., Yaviv, A. The intrinsic electrical equivalent circuit of a laser diode 1-41697
- Katz, J., Margalit, S., Wilt, D., Chen, P.C., Yaviv, A. Single-growth embedded epitaxial AlGaAs injection lasers with extremely low threshold currents 1-37503
- Katz, J. *see* Bar-Chaim, N. 1-41718
- Katz, J. *see* Lecar, M. 1-54562
- Katz, J. *see* Margalit, S. 1-15289
- Katz, J.D., Pickering, H.W., Biler, K.R. Low-temperature recrystallization kinetics in nickel electrodeposits 1-43365
- Katz, J.I. *see* Shafter, A.W. 1-13800
- Katz, J.L. *see* Chakkalakal, D.A. 1-13231
- Katz, J.L. *see* Johnson, M.W. 1-13230
- Katz, M., Itzhak, D., Grill, A., Avni, R. Deposition of silicon carbide coatings on titanium alloy with a low pressure RF plasma 1-16213
- Katz, M.B. Schematic transformation kinematics of the Australian Precambrian: an example of Precambrian intraplate tectonics 1-27123
- Katz, M.E. *see* Dorman, L.I. 1-11512
- Katz, R. *see* Roth, R.A. 1-26950
- Katz, R. *see* Waligorski, M.P.R. 1-1043
- Katz, R.M. *see* Indel'man, P.V. 1-52395
- Katz, R.N. High-temperature structural ceramics 1-12956
- Katz, R.N. *see* Knoch, H. 1-16738
- Katz, S. *see* Svoboda, J. 1-38024
- Katz, S.L., Gunton, J.D. Monte Carlo low-temperature study of the kinetic three-spin triangular Ising model 1-34890
- Katz, W., Williams, P., Evans, C.A., Jr. A correlation of the average sample mass and the sputtering yield in SIMS 1-21320
- Katz, W.C. The effect of temperature on impurity adsorption from hydrogen on activated carbon and silica gel 1-52439
- Katz, Y., Busiba, A., Mathias, H. Elliptical planar crack in a three dimensional body fracture criteria 1-48512
- Katzen, M.J., Maheshwari, P.N., Fitzgerald, L.T. Radiation protection problems in the vicinity of linear accelerator facilities 1-50963
- Katzen, M.J. *see* Maheshwari, P.N. 1-43924
- Katzir, A. *see* Kapon, E. 1-46348
- Katzir, Y. *see* Friesen, A.A. 1-10942
- Katznelson, E., Klima, B., Maor, U., Nussinov, S. Associated production of heavy flavours 1-23508
- Kau, W.S. *see* Kao, S.K. 1-22446
- Kauczor, E. Investigation of the failure of a lubricating oil cooler by erosion corrosion 1-8487
- Kauer, E. *see* Frank, G. 1-52322
- Kauffman, J.M. Laser dye structures and synonyms 1-10996
- Kaufman, A. *see* Weissbuch, I. 1-48563
- Kaufman, E.Ya. *see* Buinov, N.N. 1-30228
- Kaufman, F. *see* Iannuzzi, M.P. 1-26725
- Kaufman, H.R. *see* Harper, J.M.E. 1-39481
- Kaufman, J.J. *see* Ananthakrishnan, S. 1-40296
- Kaufman, J.J. *see* Sokalski, W.A. 1-1098
- Kaufman, K., Burdick, L.J. The reproducing earthquakes of the Galapagos Islands 1-53993
- Kaufman, L. J.L. Meijering's contribution to the calculation of phase diagrams—a personal perspective 1-40638
- Kaufman, L., Shosa, D. Generalized methodology for the comparison of diagnostic imaging instrumentation 1-17495
- Kaufman, L. *see* Shosa, D. 1-43923, 1-43976
- Kaufman, L. *see* Smith, L.A. 1-21422
- Kaufman, L. *see* Williamson, S.J. 1-35790
- Kaufman, M. *see* Posey, J. 1-35953
- Kaufman, P.N., Ryabova, N.A. Propagation of whistler waves in a cylindrical plasma waveguide bounded by a vacuum 1-24984
- Kaufman, R.N. Wave reflection from an inhomogeneous anisotropic ionosphere near the lower hybrid frequency 1-4684
- Kaufman, S. *see* Brown, L.D. 1-13432
- Kaufman, S.A., Knyuper, A.P., Kozachenko, M.L., Kotyuk, A.F., Stepanov, B.M., Khaikin, N.Sh., Yakovlev, V.A. Metrological provisions for measuring the laser-radiation mean power and energy [physical standards based on calorimetric detectors] 1-5270
- Kaufman, S.B. *see* Zagorski, Ya.T. 1-5271
- Kaufman, S.B. *see* Steinberg, E.P., Wilkins, B.D., Henderson, D.J. Target fragmentation of ^{197}Au by relativistic heavy ions 1-14508
- Kaufman, S.B. *see* Loveland, W. 1-41090
- Kaufman, V., Artur, M.-C. Wavelengths and energy levels of quadruply ionized magnesium (Mg IV) 1-115
- Kaufman, V. *see* Artur, M.-C. 1-1154
- Kaufmann, G. *see* Rippen, G. 1-21253
- Kaufmann, G.H. On the numerical processing of speckle photograph fringes 1-36731
- Kaufmann, H.-J., Pal-Val, P.P. Interaction of dislocations with localized pinning points in high-purity molybdenum single crystals 1-38377
- Kaufmann, J.P. *see* Groot, D. 1-54505
- Kaufmann, R., Meyer, O. Computer simulation of channelling measurements in carbon-implanted NbC-single crystals 1-52202
- Kaufmann, R., Wieser, P. Laser microprobe mass analysis (LAMMA) in particle analysis 1-4146
- Kaufmann, R.L. *see* Dusenbery, P.B. 1-40253
- Kaufmann, U., Schneider, J. Optical and ESR spectroscopy of deep defects in III-V semiconductors 1-30676
- Kaul, A., Roedler, H.D. Radiiodine: biokinetics, mean dose and dose distribution 1-44026
- Kaul, C.L. *see* Bhat, C.L. 1-13651
- Kaul, G.L., Badyal, S.K., Daftari, I.K., Gupta, V.K., Kour, B., Mangotra, L.K., Prakash, Y., Rao, N.K., Sharma, S.K., Gian Singh. Variation of average charged particle multiplicity in p-nucleus interactions with energy and the two component description of particle production at high energies 1-33267
- Kaul, G.L. *see* Daftari, I.K. 1-45370
- Kaul, S.N. Anomalous magnetic behavior in the critical region of an amorphous magnetic alloy containing chromium 1-7854
- Kaul, S.N. Existence of both spin-glass and micro-magnetic behaviour in the amorphous $\text{Fe}_{10}\text{Ni}_{70}\text{P}_{10}\text{B}_2$ alloy 1-7862
- Kaul, S.N. Critical phenomena and giant superparamagnetic moments above Curie point of the amorphous $\text{Fe}_{20}\text{Ni}_{80}\text{P}_{10}\text{B}_2$ alloy 1-42974
- Kaul, S.N. *see* Velu, E.M.T. 1-26427
- Kaul, V.K., Seshagiri Rao, M.G. Ultrasonic absorption studies in the critical binary system n-hexane-o-phenetidine 1-42468
- Kaul, V. *see* Kumar *see* Kaul, V.
- Kaula, W.M. Material properties for mantle convection consistent with observed surface fields 1-40098
- Kaula, W.M. *see* Ransford, G.A. 1-27405
- Kaulakis, B.P. Relation between the broadening of Rydberg levels and resonances in the scattering of slow electrons by atoms 1-41495
- Kaulen, A.D. *see* Bol'shakov, V.I. 1-17365
- Kaulgud, M.V., Shrivastava, A., Awode, M.R. Isotropic compressibility behaviour of amines in dilute aqueous solutions 1-20294
- Kaun, L.P. *see* Andreoff, A. 1-20684, 1-52532
- Kaun, T.D., Eshman, P.F., Miller, W.E. New approach to electrode current collection for LiAl/iron sulphide cells 1-48822
- Kaung Jain Chang On the maximum strain criterion—a new approach to the angled crack problem 1-47156
- Kaung Jain Chang Further studies of the maximum stress criterion on the angled crack problem 1-47157
- Kaup, D. *see* Reiman, A. 1-51939
- Kaup, D.J. On the inverse scattering problem for cubic eigenvalue problems of the class $\psi_{xxx} + 6Q\psi_x + 6R\psi = \lambda\psi$ 1-9878
- Kaup, D.J. The Estabrook-Wahlquist method with examples of application 1-32858
- Kaup, U., Gelberg, A., von Brentano, P. Band structure of odd-A rubidium isotopes in the interacting boson fermion model 1-5677
- Kaup, U. *see* Dewald, A. 1-45402
- Kauppinen, W.E. *see* Dababneh, M.S. 1-15015
- Kauppinen, J., Jensen, P., Brodersen, S. Determination of the B_0 constant of C_6H_6 1-10728
- Kauppinen, J., Kyro, E. High resolution pure rotational spectrum of water vapor enriched by H_2^{17}O and H_2^{18}O 1-51200
- Kauppinen, J. *see* Antilla, R. 1-37203
- Kauppinen, J. *see* Hietanen, J. 1-45964
- Kauppinen, J. *see* Koivusari, M. 1-51198
- Kauppinen, J. *see* Paso, R. 1-45955
- Kaur, M., Kohli, J.M. Energy and momentum characteristics of 50 GeV/c π^- -nucleus interactions in a pulsed magnetic field 1-36887
- Kaur, R., Sharma, A.K., Sooch, S.S., Trehan, P.N. Level structure of ^{140}Ce from the decay of ^{140}La 1-33219
- Kaur, R., Sharma, A.K., Sooch, S.S., Verma, H.R., Trehan, P.N. Level structure studies in ^{76}Se 1-10319
- Kaur, R., Sharma, A.K., Sooch, S.S., Verma, H.R., Trehan, P.N. Gamma-gamma angular correlation measurements in ^{182}W 1-45449
- Kaur, R. *see* Sharma, A.K. 1-28413
- Kaur, R. *see* Sooch, S.S. 1-14460
- Kaus, G. *see* Hinkel, H. 1-18217
- Kaus, P. *see* Beavis, D. 1-36786
- Kausch, H.H. *see* Dettenmaier, M. 1-35359
- Kausch, H.H. *see* Jud, K. 1-39429
- Kausel, E.G. *see* Porter, L.D. 1-32367
- Kauschal, R.S. Bounds for the ratio of anomalous dimensions 1-18479
- Kauschik, D.K., Chattopadhyaya, S.K., Nath, N. Thin film thickness monitoring using a doubly oscillating quartz crystal and measurement of growth rate 1-36627
- Kauschik, N.D., Bansal, P.K., Sodha, M.S. Partitioned solid pond collector/storage system 1-39821
- Kauschik, N.D., Srivastava, A. Response function for transient heat conduction in semi-infinite media 1-29504
- Kauschik, S.C. *see* Sodha, M.S. 1-21913, 1-39822
- Kauschik, V.K., Takagi, K., Matsumura, C. Micro-wave spectrum of CH_3OD 1-1215
- Kauschik, Y.D., Khare, S.P., Kumar, A. Ionizing collisions of protons with ammonia and methane 1-19161
- Kauschik, Y.D., Khare, S.P., Kumar, A. Mean energy expended per ion pair by charged particles in atmospheric gases 1-22561
- Kautek, W., Gerischer, H. Photoelectrochemical reactions and formation of inversion layers at n-type MoS_2 , MoSe_2 , and WSe_2 -electrodes in aprotic solvents 1-13019
- Kautek, W., Gerischer, H., Tributsch, H. The role of carrier diffusion and indirect optical transitions in the photoelectrochemical behavior of layer type d-band semiconductors 1-34788
- Kautek, W., Gobrecht, J., Gerischer, H. The applicability of semiconducting layered materials for electrochemical solar energy conversion 1-39808
- Kautz, R.L., Costabile, G. A Josephson voltage standard using a series array of 100 junctions 1-50156
- Kautz, R.L. *see* Sullivan, D.B. 1-36600
- Kautzleben, H. Classical and modern contributions of geodesy to geodynamics 1-17553
- Kavanagh, R., Brady, J., Henry, E.W. Reconciliation of the results of an energy optimisation model with a general economic profile 1-35632
- Kavanagh, R. *see* Abloek, H. 1-39719
- Kavanagh, R. (editor) Energy Systems Analysis, Proceedings of the International Conference 1-32808
- Kavanagh, R.W. *see* Wilson, H.S. 1-5741
- Kavanagh, S.A. *see* Sharif, I.I. 1-38776
- Kavecanaky, V., Potocky, L., Filka, S., Gajdusek, J. On the role of grain boundaries on the Barkhausen effect in oriented transformer sheets 1-52800
- Kaveh, M., Mott, N.F. Electron correlations and logarithmic singularities in density of states and conductivity of disordered two-dimensional systems 1-52462
- Kaveh, M., Mott, N.F. Diffusion and logarithmic corrections to the conductivity of a disordered non-interacting 2D electron gas: power law localisation 1-52506
- Kaveh, M., Wiser, N. Correlation between high-temperature and low-temperature electron-electron scattering for the alkali metals 1-42767
- Kaveh, M. *see* Sinvani, M. 1-34674
- Kaverin, A.M., Baidakov, V.G., Skripov, V.P. Spontaneous nucleation frequency in superheated liquid xenon and krypton 1-52268
- Kaverin, A.M. *see* Blinov, N.N. 1-39982

- Kaverin, S.G. *see* Broka, M.E. 1-48340
 Kavich, I.V. *see* Zyubrik, A.I. 1-53010
 Kavlakan, M.V., Mikhailov, A.M. Solution of a mixed static problem of elasticity theory for a half-space on an elastic base 1-29555
 Kavrakoglu, I. Decision analysis in the energy sector 1-43746
 Kavtorova, V.P. *see* Gurvich, A.M. 1-39990
 Kawa, J. *see* Okada, K. 1-18539
 Kawabata, A. Many-body effects on the transverse conductivity of two-dimensional electron systems in strong magnetic fields 1-12169
 Kawabata, A. Theory of negative magnetoresistance in doped semiconductors 1-47681
 Kawabata, A. *see* Fukuda, S. 1-26168
 Kawabata, A. *see* Shiosaki, T. 1-46447
 Kawabata, H., Yanagi, T., Shinagawa, M. Application of a continuous channel electron multiplier for measuring gaseous tritium at low pressures 1-6118
 Kawabata, H. *see* Inomata, Y. 1-26438
 Kawabata, H. *see* Tanaka, H. 1-21532
 Kawabata, K., Ido, M., Sambongi, T. Hall effect and transverse conductivities of NbSe₂; evidence for the sliding motion of charge-density-wave 1-52550
 Kawabata, K., Ogawa, H., Fujishita, M., Kato, T., Ishiguro, M., Omōdaka, T. Interferometric observations of radio bursts at 35 GHz 1-4871
 Kawabata, S. *see* Bartel, W. 1-18500, 1-45253, 1-45254
 Kawabata, S. *see* O'Neill, L.H., Jr. 1-50443
 Kawabata, T., Izumi, O. On the relationship between ductility and fracture toughness in an Al-6.0% Zn-2.5% Mg alloy 1-26535
 Kawabata, Y. *see* Ogura, K. 1-43482
 Kawabe, H. *see* Yasutake, K. 1-26255, 1-35303
 Kawabe, M. *see* Murakami, K. 1-52158
 Kawabe, R. *see* Aoki, K. 1-5551
 Kawabe, T., Ohtani, Y., Kinoshita, K. Color confining parton model for heavy quarkonium decay 1-5597
 Kawabe, T. *see* Amagishi, Y. 1-11572
 Kawabe, T. *see* Ishii, K. 1-19978
 Kawabe, U. *see* Futamoto, M. 1-26355, 1-39226
 Kawabe, U. *see* Tarutani, Y. 1-34596, 1-47816
 Kawabe, Y. *see* Antolovich, S.D. 1-39414
 Kawabe, Y. *see* Tanaka, K. 1-3894
 Kawabuchi, M. *see* Sato, J. 1-24646
 Kawachi, M., Tomaru, S., Yasu, M., Horiguchi, M., Sakaguchi, S., Kumura, T. 100 km single mode VAD fibres 1-33833
 Kawachi, M. *see* Edahiro, T. 1-6695, 1-24539
 Kawachi, M. *see* Monerie, M. 1-24500
 Kawachi, M. *see* Sanada, K. 1-15297
 Kawachi, M. *see* Shibata, N. 1-41864
 Kawachi, M. *see* Sudo, S. 1-26402, 1-41894
 Kawachi, M. *see* Tomaru, S. 1-33835
 Kawada, I. *see* Bando, Y. 1-20149
 Kawada, I. *see* Onoda, M. 1-11640
 Kawada, I. *see* Saeki, M. 1-38346
 Kawada, K., Onodera, A. Effect of residual strain on high pressure densification of nonoxide ceramics 1-53145
 Kawade, K., Battistuzzi, G., Lawin, H., Sistemich, K., Blomqvist, J. Life-times of the 4⁺ states in ¹³⁴Te and ¹³⁶Xe 1-23601
 Kawade, K., Battistuzzi, G., Lawin, H., Sistemich, K., Blomqvist, J. A μ s-isomer in ¹³⁵Te 1-28385
 Kawade, K. *see* Wolf, A. 1-18560
 Kawade, K. *see* Yamamoto, H. 1-28410
 Kawado, S. Scanning electron microscopic observation of oxidation-induced stacking faults in silicon 1-25295
 Kawaguchi, A., Matsui, R., Katayama, K. Lattice distortion of polyethylene at low temperatures 1-47013
 Kawaguchi, E. *see* Taniguchi, R. 1-54230
 Kawaguchi, H., Iwane, G. Bistable operation in semiconductor lasers with inhomogeneous excitation 1-41695
 Kawaguchi, K. *see* Matsumura, K. 1-37194
 Kawaguchi, K. *see* Nagai, K. 1-36637
 Kawaguchi, M., Takahashi, A. Ellipsometric study of the adsorption of comb-branched polystyrene onto a metal surface 1-2811
 Kawaguchi, M., Takahashi, A. Effect of solvent power on the adsorption of polystyrene onto a metal surface 1-42631
 Kawaguchi, M. *see* Kaburagi, M. 1-18442
 Kawaguchi, Y., Karaji, S. Negative magnetoresistance in a two-dimensional random system of Si-MOS inversion layers 1-52657
 Kawaguchi, Y., Kawaji, S. Lattice scattering mobility of n-inversion layers in Si(100) at low temperatures 1-7752
 Kawaguchi, Y., Suzuki, T., Kawaji, S. Carrier concentration dependence and temperature dependence of mobility in silicon (100) N-channel inversion layers at low temperatures 1-7639
 Kawah, M., Lin, P.H., Phillips, C.R. An instant working level meter based on gas proportional counters for use in uranium mines 1-17499
 Kawahara, A. *see* Senga, Y. 1-15851
 Kawahara, M. On finite element methods in shallow water long wave flow analysis 1-24830
 Kawahara, M., Masumi, T. New queues of time-resolved luminescence lines from excitonic molecules in AgCl_{Br} 1-48140
 Kawahara, T. Coupled Van der Pol oscillators—a model of excitatory and inhibitory neural interactions 1-39902
 Kawahata, K. *see* Ohkubo, K. 1-11576, 1-46902
 Kawahata, K. *see* Yasuda, A. 1-42211
 Kawai, H., Abe, T., Hoshina, T. Effects of fluxes on particle growth of ZnS phosphor 1-48311
 Kawai, H., Hashimoto, T., Miyoshi, K., Uno, H., Fujimura, M. Microdomain structure and some related properties of block copolymers. II. Plastic deformation mechanisms of the glassy component in rubber-toughened plastics 1-34253
 Kawai, H. *see* Fukukita, H. 1-53882
 Kawai, H. *see* Hashimoto, T. 1-34251
 Kawai, H. *see* Kuboniwa, S. 1-26280
 Kawai, H. *see* Kyu, T. 1-3835, 1-31124
 Kawai, H. *see* Nishiwaki, Y. 1-6098
 Kawai, K. *see* Hashimoto, Y. 1-45704
 Kawai, M., Miyakawa, T. Temporal and spectral behavior of absorption saturation in P-G around 10.6 μ m 1-46460
 Kawai, M. *see* Ariti, M. 1-23772
 Kawai, M. *see* Reed, C.W. 1-15685
 Kawai, N.J. *see* Chang, L.L. 1-47735
 Kawai, N.J. *see* Voisin, P. 1-52920
 Kawai, S. *see* Asai, T. 1-38988
 Kawai, S. *see* Furukawa, Y. 1-30464
 Kawai, S. *see* Kitahama, K. 1-38999
 Kawai, S. *see* Oshima, C. 1-38634
 Kawai, T., Yoshida, H. De Sitter gauge theory of gravitation. II 1-40697
 Kawai, T. *see* Manabe, S. 1-39679
 Kawai, T. *see* Murakami, N. 1-48347
 Kawai, T. *see* Tributsch, H. 1-52652
 Kawai, Y., Ogawa, T. Internal stress and ΔE -effect of a Mn ferrite single crystal at temperatures between 150 and 300K 1-2553
 Kawai, Y. *see* Hiraki, N. 1-34108
 Kawai, Y. *see* Kishimoto, M. 1-2778
 Kawai, Y. *see* Mitori, O. 1-19885, 1-42163
 Kawai, Y. *see* Mori, K. 1-25438
 Kawai, Y. *see* Nagaoka, K. 1-43479
 Kawai, Y. *see* Toi, K. 1-6978, 1-19947
 Kawai, Y. *see* Yasuda, I. 1-7892
 Kawazumi, F. *see* Nomura, H. 1-7356
 Kawaji, S., Namiki, M., Hoshi, N. Anderson localization in silicon MOS inversion layers at low densities 1-30830
 Kawaji, S. *see* Kawaguchi, Y. 1-7639, 1-7752
 Kawaji, S. *see* Okamoto, H. 1-12208
 Kawaji, S. *see* Wakabayashi, J. 1-12197
 Kawajiri, K. *see* Murayama, J. 1-8745
 Kawajiri, T. *see* Kajimoto, O. 1-31829
 Kawakami, H. *see* de Lima, A.P. 1-41033
 Kawakami, M. Nuclear magnetic resonance study of magnetic anisotropy in Gd₂(Co_{1-x}Fe_x)₁₇ 1-31061
 Kawakami, M., Kunii, S., Komatsubara, T., Kasuya, T. Magnetic properties of CeB₆ single crystal 1-20954
 Kawakami, M., Kunii, S., Mizuno, K., Sugita, M., Kasuya, T., Kume, K. The ¹¹B nuclear magnetic resonance in CeB₆ single crystal 1-52866
 Kawakami, S. *see* Dazai, M. 1-41862
 Kawakami, S. *see* Kikuchi, Y. 1-1712
 Kawakami, T., Nakahara, I., Tsuchida, E., Matsumoto, H. Stresses in a circular cylinder having an eccentric spherical cavity under tension 1-11306
 Kawakami, T. *see* Iizuka, S. 1-6996
 Kawakami, T. *see* Maeda, E. 1-43543
 Kawakami, T. *see* Suzuki, N. 1-25039
 Kawakubo, T. Optical and EPR studies of radiation-induced radicals in phenanthrene single crystals 1-52973
 Kawakubo, T., Hishida, M., Amano, K., Katsuta, M. Crack growth behavior of type 304 stainless steel in oxygenated 290 C pure water under low frequency cyclic loading 1-43584
 Kawamata, K. *see* Sato, S. 1-3891, 1-36999
 Kawamori, A., Sagisawa, K. ESR study of the exchange interaction in Wurster's blue perchlorate 1-26039
 Kawamoto, G., Kalis, R., Quinn, J.J. Effect of the electron-phonon interaction on the subband structure of inversion layers in compound semiconductors 1-12177
 Kawamoto, G.H., Quinn, J.J., Bloss, W.L. Subband structure of n-channel inversion layers on polar semiconductors 1-47729
 Kawamoto, H. *see* Ogawa, T. 1-22385
 Kawamoto, T. *see* Ochi, M. 1-39433
 Kawamoto, Y. *see* Bando, Y. 1-31935
 Kawamoto, Y. *see* Konishi, R. 1-39184
 Kawamura, H. Lattice model of quantum melting 1-7405
 Kawamura, H., Tachikawa, K. Measurement of superconductivity under high pressures 1-38876
 Kawamura, H., Tanaka, G. Transfer of plutonium-239 in the environment to the human body 1-35718
 Kawamura, J., Shimoji, M., Hoshino, H. The ionic conductivity and thermoelectric power of the superionic conductor Ag₂SBr 1-38583
 Kawamura, K., Watanabe, T., Nishizaka, K., Onodera, M., Uemura, T. Determination of iron content in iron ore by fluorescent X-ray spectroscopy—effects of cobalt internal standard in binder-briquetted specimens 1-17143
 Kawamura, K. *see* Suzuki, A. 1-20258
 Kawamura, K. *see* Yogi, T. 1-28973
 Kawamura, M. *see* Fujisawa, Y. 1-35112
 Kawamura, S., Kurokawa, R. The vitrification process of kaolin-limestone-quartz mixtures accompanying mullite formation 1-53165
 Kawamura, S. *see* Sakurai, J. 1-52451
 Kawamura, T. On the characteristics of the movement of pack ice and the effects of wind and ocean current on ice movement 1-9172
 Kawamura, T., Hayashida, S., Yonezawa, T. Abnormal g tensor and multiconfigurational ground state of Co₂(CO)₈(PBU₃)₂ 1-33381
 Kawamura, T., Miyahara, A. Radiation-effective charge number of ions in a fusion plasma 1-6001
 Kawamura, T., Miyahara, A., Okamoto, K. Analyses of steady concentrations of impurities and α -particles in Tokamak plasma with particle balance equations 1-24990
 Kawamura, T. *see* Aota, M. 1-9170
 Kawamura, T. *see* Shibata, K. 1-826
 Kawamura, T. *see* Shimomura, O. 1-35121
 Kawamura, T. *see* Shimura, F. 1-3742
 Kawana, A. *see* Imoto, N. 1-15273
 Kawana, A. *see* Miya, T. 1-41846
 Kawana, A. *see* Sensui, S. 1-11205
 Kawana, H., Horiba, T., Kahara, T., Tamura, K. Improvement in stacking structures of fuel cells 1-48832
 Kawanaka, R. *see* Fujiwara, K. 1-42663
 Kawanishi, K. *see* Inoue, F. 1-25943
 Kawanishi, K. *see* Kitade, K. 1-814, 1-45632
 Kawanishi, M. Dosimetry of short pulsed radiation 1-45745
 Kawanishi, M. *see* Goto, M. 1-18930
 Kawanishi, M. *see* Takanishi, T. 1-46737
 Kawanishi, M. *see* Takeda, S. 1-965
 Kawano, H. Thermal negative ion sources. II. Structure and performance 1-22958
 Kawano, H. *see* Murakami, Y. 1-48478
 Kawano, K. *see* Nakata, R. 1-7945
 Kawano, S. *see* Achiwa, N. 1-26460
 Kawano, T. *see* Suemune, I. 1-41702
 Kawano, T. *see* Yamanishi, M. 1-46375
 Kawanobe, O. *see* Saito, H. 1-1870
 Kawara, K. *see* Kobayashi, Y. 1-54633, 1-54659
 Kawara, K. *see* Sato, S. 1-40368
 Kawarabayashi, K., Ohta, N. The η problem in the large-N limit: effective lagrangian approach 1-18475
 Kawarada, H. Numerical solution of free boundary problem for ideal fluid 1-6840
 Kawarada, H., Kamel, H., Hada, K. Separation of component vowels from compound vowel 1-8883
 Kawarada, H., Yokosawa, K. Detection of fixation points by a model of visual nervous system 1-26903
 Kawarasaki, T. *see* Nakayama, Y. 1-18328
 Kawasaki, A. *see* Gryczynski, I. 1-41424
 Kawasaki, E. *see* Higashiguchi, M. 1-226
 Kawasaki, H. *see* Okada, S. 1-39450
 Kawasaki, K., Kodama, K., Ogata, A., Ohta, M., Takemaru, K., Murai, K., Iba, D., Ito, Y. Control and monitoring system of JT-60 machine 1-926
 Kawasaki, K. *see* Dee, G. 1-40740
 Kawasaki, K. *see* Onuki, A. 1-52958
 Kawasaki, M., Kasatani, K., Sato, H. Spectra and lifetime of the HSO radical (A⁺A⁻X⁺A⁻) 1-8572
 Kawasaki, M. *see* Hada, H. 1-35558
 Kawasaki, M. *see* Kasatani, K. 1-46047
 Kawasaki, M. *see* Okabe, H. 1-33521
 Kawasaki, S., Miyahara, A. Comparative study of energy accounting for heavy ion fusion with various driver accelerators 1-18894
 Kawasaki, S. *see* Suzuki, M. 1-810
 Kawasaki, T. *see* Matsuzaki, Y. 1-2226
 Kawase, M. *see* Tanaka, T. 1-26609
 Kawashima, A., Hashimoto, K., Masumoto, T. Hydrogen embrittlement of amorphous Fe-Cr-Mo alloys 1-53257
 Kawashima, I. *see* Honma, N. 1-26796
 Kawashima, M. *see* Takamatsu, T. 1-49409
 Kawashima, Y., Morishita, Y., Higuchi, K. Status of physical protection in Japan 1-14592
 Kawashima, Y. *see* Nagumo, M. 1-35283
 Kawasumi, H., Arai, T. Metal surface hardening with 2 kW CO₂ laser 1-8465
 Kawasumi, Y. *see* Ohkubo, K. 1-11576
 Kawata, O. *see* Miyajima, Y. 1-24510
 Kawata, O. *see* Yabuta, T. 1-19465
 Kawata, S. *see* Murakami, H. 1-10047, 1-10048
 Kawata, T., Sakai, J. Generalized Gel'fand-Levitan equation and variational relations of the Kaup-Newell equation 1-5166
 Kawata, T., Sakai, J. Linear problems associated with the derivative nonlinear Schrödinger equation 1-36523

- Kawati, S., Miyata, H. Effective energy-momentum tensor for a vector collective mode 1-23487
- Kawauchi, T. *see* Ben-Dor, G. 1-2026
- Kawauchi, Y. *see* Yoshizumi, S. 1-33736
- Kawazoe, H. Coordination number and chemical shift in $K_{1,2}$ emission of Mg^{2+} in oxide glasses 1-31240
- Kawazoe, H., Hosono, H., Kokumai, H., Nishii, J., Kanazawa, T. Structural distribution and rigidity of the glass network determined by EPR of Cu^{2+} 1-3242
- Kawazoe, H. *see* Hosono, H. 1-38973
- Kawazoe, Y. *see* Tateuchi, H. 1-18618
- Kawazu, A. *see* Saito, Y. 1-47386
- Kawazumi, H. *see* Kano, K. 1-8105
- Kawecki, A. Correction of distortions of atmospheric precipitations reflectivity distribution 1-49366
- Kawecki, A., Dera, A. Calculation of the power of interferences resulting from the microwaves dissipation by atmospheric precipitation 1-54197
- Kawai Chen *see* Sun Wong 1-41170
- Kawilarang-de Haas, E.W.M. *see* Nijweide, P.J. 1-43910
- Kawski, A. *see* Bendig, J. 1-41389
- Kawski, A. *see* Gryzinski, I. 1-19080
- Kawtaluk, K. *see* Santschi, P.H. 1-32466
- Kay, B.S. On Klauder's pseudo-free oscillator 1-27814
- Kay, E., Dilks, A., Seybold, D. Metal-containing fluoropolymer films produced by simultaneous plasma etching and polymerization: effects of hydrogen or oxygen 1-34089
- Kay, E. *see* Coburn, J.W. 1-48685
- Kay, E. *see* Gerlach-Meyer, U. 1-48736
- Kay, E.W. *see* Roubtsov, J.L. 1-39461
- Kay, R.W. Volcanic arc magmas: implications of a melting-mixing model for element recycling in the crust-upper mantle system 1-54031
- Kay-Kong Wan *see* McFarlane, K. 1-27810
- Kaya, K. *see* Mochizuki, Y. 1-37233
- Kayafas, I. Corrosion product removal from steel fracture surfaces for metallographic examination 1-31779
- Kayama, N. *see* Nishi, Y. 1-30438
- Kayama, Y. *see* Ida, M. 1-40956
- Kayan, I. *see* Kraft, J.C. 1-27164
- Kayano, H. *see* Onchi, T. 1-2521
- Kayano, H. *see* Takahashi, H. 1-43429
- Kaye, J.A., Kuppermann, A. Collinear quantum mechanical probabilities for the $I+H-H+I$ reaction using hyperspherical coordinates 1-39594
- Kaye, R.D. Orientational transitions in a dimer system 1-50063
- Kays, J.L., Jacobson, M.J., Siegmund, W.L., Jacyna, G.M. Short-range acoustical effects of vertical and horizontal source-motion variations in a deep ocean 1-37668
- Kays, W.M. *see* Crawford, M.E. 1-33873, 1-33874
- Kays, W.M. *see* Yavuzkurt, S. 1-20518, 1-20519
- Kayser, B. Testing strong and weak gauge theories in quarkonium decays 1-45275
- Kayser, B. *see* Cahn, R.N. 1-33195
- Kayser, B. *see* Rosen, S.P. 1-45262
- Kayser, G., Le Rigoleur, C. The main problems of an internal core-catcher for a pool type commercial LMFBR 1-5891
- Kaysser, W.A., Huppmann, W.J., Petzow, G. Analysis of dimensional changes during sintering of Fe-Cu 1-3662
- Kaysser, W.A., Pejovnik, S. Grain boundary migration during sintering of Mo with Ni additions 1-8255
- Kaysser, W.A., Puckert, F., Petzow, G. Recrystallization and grain boundary migration during sintering of W-Ni 1-53206
- Kaza, B.R. *see* Bhushan, S. 1-39135
- Kaza, B.R. *see* Rao *see* Rao Kaza, B.
- Kazachenko, O.V. *see* Barabash, A.S. 1-37050, 1-51039
- Kazachkov, I.V. *see* Kaibyshev, O.A. 1-31484
- Kazacos, M.S., McCann, J.F., Haneman, D. The effects of temperature on the power outputs of two metal dichalcogenide liquid junction cells 1-48869
- Kazacos, M.S., Miller, B. Electrodeposition of CdSe films from selenosulfite solution 1-31370
- Kazacos, M.S. *see* Skyllas *see* Skyllas Kazacos, M.
- Kazadzhan, I.B., Sil'nikova, E.F., Dergach, V.V. Asymmetry of deformation textures of single crystals of silicon iron 1-8323
- Kazak, I.A. *see* Klyuev, V.V. 1-39575, 1-39576
- Kazak, L.A. *see* Korobeinikov, V.P. 1-12742
- Kazak, V.L. *see* Nagibina, I.M. 1-15094
- Kazakevich, V.S. *see* Basov, N.G. 1-24389, 1-46312, 1-46313
- Kazakericius, K.A. *see* Daukyns, V.I. 1-3914
- Kazakov, A.E. *see* Andriushin, A.I. 1-6216
- Kazakov, A.N. *see* Lyubimov, V.V. 1-43589
- Kazakov, D.L., Shirkov, D.V. Asymptotic series of quantum field theory and their summation 1-10063
- Kazakov, K.I., Bryanskii, L.N. Application of unitization methods in designing highest-precision physical standards and measuring equipment 1-23160
- Kazakov, K.N. *see* Volovin, S.M. 1-27280
- Kazakov, L.V. *see* Edel'shtein, G.B. 1-39186
- Kazakov, S.A. *see* Chernyshev, V.K. 1-33027
- Kazakov, S.M., Korotkov, A.I., Shpenik, O.B. Electron-impact excitation of autoionization levels of the cadmium atom near the threshold 1-33563
- Kazakov, V.A. Nonlinear relaxation of thermodynamic quantities 1-40747
- Kazakov, V.A. Wilson loop average for an arbitrary contour in two-dimensional $U(N)$ gauge theory 1-45119
- Kazakov, V.A., Kostov, I.K. Non-linear strings in two-dimensional $U(\infty)$ gauge theory 1-23413
- Kazakov, V.A. *see* Kuznetsov, V.V. 1-53112
- Kazakov, V.G. *see* Gavriluk, A.V. 1-52818
- Kazakov, V.G. *see* Ushakov, A.I. 1-3735
- Kazakov, V.M. *see* Goncharov, A.S. 1-1016
- Kazakov, Yu.S., Pozharskii, A.V., Makarov, V.A. Quenching hot-coiled springs in water and a water-air mixture 1-48383
- Kazakova, G.V. *see* Fel'dgandler, E.G. 1-26677
- Kazama, Y. Effective Lagrangian due to heavy quarks in quantum chromodynamics 1-5590
- Kazama, Y. *see* Fukuda, R. 1-18436
- Kazanas, D. Dynamics of the Universe and spontaneous symmetry breaking 1-22933
- Kazankin, G.N. The chemistry of halophosphate phosphors 1-12961
- Kazanskii, P.G. *see* Zolotov, E.M. 1-33800
- Kazanskii, S.A. Investigation of an antiresonance-type effect in CaF_2 -Dy crystals with color centers in external fields. Optical detection of EPR of Dy^{3+} - Dy^{3+} ion pairs associated with color centers 1-31027
- Kazanskii, S.A. Optical detection of EPR of the ground state of trigonal centers of Dy^{3+} in a CaF_2 crystal 1-43040
- Kazanskii, Yu.A. *see* Belov, S.P. 1-28639
- Kazanskii, Yu.P. Development of continental landscape-climate zones in the Earth's history 1-54083
- Kazantsev, A.P., Smirnov, V.S., Sokolov, V.P. Correlation properties of resonantly scattered light 1-15074
- Kazantsev, S.A. *see* Duchkov, A.D. 1-44155
- Kazantsev, V.F. *see* Vasil'ev, P.E. 1-37755
- Kazantsev, V.P. Variational estimates of electrostatic fields in dielectrics 1-24315
- Kazantsev, Yu.I. *see* Bessonov, V.I. 1-44906
- Kazantsev, Yu.N., Kraftmakher, G.A. Hollow metalodielectric lightguide for the infrared region 1-15264
- Kazarin, A.Yu. *see* Ershov, A.S. 1-46372
- Kazarinov, M.I. Collective excitations in asymmetric nuclear matter with density-dependent effective interaction 1-657
- Kazarinov, M.Yu. *see* Efimov, V.A. 1-41007
- Kazarinov, N.Yu., Perel'shtein, E.A. Mean square dimensions of electron-ion rings 1-23898
- Kazarinov, N.Yu., Perel'shtein, E.A. Steady-state nonlinear azimuthal waves in circulating charged beams 1-41550
- Kazarinov, N.Yu., Perel'shtein, E.A., Shirokov, G.D. Moment method in the dynamics of annular charged-particle beams 1-23924
- Kazarinov, N.Yu., Perel'shtein, E.A., Shevtsov, V.F. Moment method in charged-particle beam dynamics 1-10903
- Kazarinov, N.Yu., Shevtsov, V.F. Effect of nonlinearity of the external electromagnetic fields on the parametric resonance of betatron oscillations 1-23899
- Kazarinov, V.E. *see* Wiekowski, A. 1-52435
- Kazarinov, Yu.M. *see* Bil'en'kaya, S.I. 1-5623
- Kazarinov, Yu.M. *see* Efimov, V.A. 1-41007
- Kazarinova, N. *see* Fushkanskaya, L. 1-1494
- Kazarnovskii, M.V. *see* Dzhalikbaev, Zh.M. 1-28778
- Kazaryan, E.S. *see* Kazaryan, M.A. 1-36394
- Kazaryan, L.M. *see* Turik, A.V. 1-52894
- Kazaryan, M.A., Kazaryan, E.S. New galaxies with ultraviolet excess. III 1-36394
- Kazaryan, M.A. *see* Greenstein, J.L. 1-27490
- Kazaryan, R.A., Dzhalakyan, V.M. Experimental investigation of longitudinal correlation of laser signals in a turbulent atmosphere 1-46227
- Kazaryan, R.A., Oganeyan, A.V. Statistics of photoelectrons in the reception of radiation which has passed through a turbulent atmosphere with a scattering region 1-13574
- Kazaryan, R.A. *see* Abramyan, A.S. 1-54242
- Kazaryan, S.P. *see* Avakyan, V.V. 1-4778
- Kazaryan, S.P. *see* Avandzhan, V.T. 1-37062
- Kazatskaya, I.S., Pokryshev, A.R., Obornikova, I.F. Study of relaxation processes in fluid organic semiconductors 1-43065
- Kazberuk, A.V. *see* Karpushko, F.V. 1-1559
- Kazeev, M.N. *see* Andrianov, A.M. 1-33020
- Kazes, E. *see* Grotch, H. 1-14285, 1-14286
- Kazes, I. *see* Bockelee-Morvan, D. 1-17795
- Kazharskaya, L.P. *see* Vorob'ev, N.A. 1-48377
- Kazhdan, Ya.M. Asymptotic of the flow in the neighborhood of a center during collapse of a spherical cavity 1-51797
- Kazhe, A.Zh. *see* Zhuk, V.V. 1-15052
- Kazhikhov, A.V., Ragulin, V.V. Nonstationary problems of ideal-fluid penetration through a bounded region 1-19666
- Kazimi, M.S. *see* Kelly, J.E. 1-28547
- Kazimirchak-Polonskaya, E.I., Chernykh, N.S. Evolution of the orbit of Comet Chernykh (1978 IV) over the interval of 1660-2060 (preliminary study) 1-17791
- Kazimirov, V.P. *see* Yurchenko, N.P. 1-3064
- Kazimirovskiy, E.S., Chernobrovkina, N.A. Internal gravity waves in wind velocity variations in the lower troposphere at mid-latitudes 1-22560
- Kazior, T.E. *see* Kamieniecki, E. 1-16377
- Kazmerski, L.L. Photovoltaics: the application of Auger electron spectroscopy and complementary surface analysis techniques 1-21884
- Kazmerski, L.L., Ireland, P.J., Ciszek, T.F. SIMS identification of impurity segregation to grain boundaries in cast multigrained silicon 1-30405
- Kazmerski, L.L., Ireland, P.J., Sheldon, P., Chu, T.L., Chu, S.S., Lin, C.L. Comparison of low-temperature oxides on polycrystalline InP by AES, SIMS and XPS 1-16379
- Kaz'miruk, A.I., Ryadskii, V.N., Kholovskiy, V.V. Improvement of the TSh-2M hardness tester 1-26688
- Kazo, I.F., Gridneva, I.V., Mil'man, Yu.V., Treflov, V.I. The effect of structural factors on mechanisms of silicon and germanium deformation and fracture 1-35323
- Kazol, F., Makara, V.A., Novikov, N.N. On evolution of dislocation path distribution in germanium crystals 1-34350
- Kazzaz, S.El. *see* El Kazzaz, S.
- Ke, B. *see* Fajier, J. 1-53757
- Ke Fu-Jiu, Shen Jie-Wu, Xu Min-Jian The kink instability of a plasma with fixed-boundary by the method of initial-boundary values 1-24957
- Ke Sun *see* Sun Ke
- Ke Xiao-qin *see* Ma Ji-pu 1-27242
- Ke-An Feng *see* Feng Ke-An
- Ke-ding Cao *see* Cao Ke-ding
- Ke-hua Cheng *see* Cheng Ke-hua
- Ke-liang Huang *see* Huang Ke-liang
- Ke-Lin Wang *see* Wang Ke-Lin
- Ke-Long Li *see* Li Ke-Long
- Ke-qin Dong *see* Dong Ke-qin
- Ke-su Zhang *see* Zhang Ke-su
- Ke-xin Guo *see* Guo Ke-xin
- Keah Len Lek *see* Lek Keah Len
- Keairns, D.L. *see* Hamm, J.L. 1-39728
- Keen, B.F. *see* Taylor, R.P. 1-44139
- Keen, D.C. *see* Spear, R.H. 1-632
- Keen, D.C. *see* Zabel, T.H. 1-1028
- Keane, B. *see* Dossetor, R.S. 1-35878
- Keane, D. *see* Alasia, D. 1-23495
- Kearfott, B. *see* Sidman, R.J. 1-32086
- Keasley, G.J., Kettle, S.F.A. Solid state studies. XIX. Heteroionic coupling in the vibrational spectra of phase IV of ammonium nitrate in the 1400 cm^{-1} region 1-3379
- Keasley, G.J. *see* Jayasoriya, U.A. 1-52954
- Kearney, D. *see* Kreith, F. 1-17300
- Kearns, D.R. *see* Early, T.A. 1-41526
- Kearns, D.R. *see* Lerner, D.B. 1-51225
- Kearns, F. *see* Ekstrom, L.P. 1-666, 1-23587
- Kearns, F. *see* Jones, G.D. 1-28816
- Kearns, F. *see* Wadsworth, R. 1-663
- Kearsey, S. *see* Haslam, C.G.T. 1-44657
- Kearsley, A.J., Gower, M.C., Webb, C.E. Transient absorptions in rare gas halide lasers 1-29269
- Kearsley, A.J. *see* Hogan, D.C. 1-24430
- Kearsley, E.A. Determining an elastic strain-energy function from torsion and simple extension 1-1826
- Kearsley, E.A., Zapas, L.J. Some methods of measurement of an elastic strain-energy function of the Valanis-Landel type 1-3812
- Keaten, R.W., Walsh, P.S. The role of instrumentation in the TMI-2 accident 1-18822
- Keating, E.L. *see* Nelson, M.E. 1-8768
- Keating, J. *see* Medved, D. 1-5400
- Keating, J.J. *see* Baum, P.W. 1-18765
- Keating, M.J. *see* Anson, M. 1-44061
- Keating, M.P. An easier method to obtain the sphere, cylinder, and axis from an off-axis dioptric power matrix 1-32307
- Keating, P.N. The effect of array errors in frequency-domain adaptive interference rejection 1-29465
- Keatinge, W.R. *see* Gin, A.R. 1-22150
- Keats, A.B. Fail-safe design criteria for computer-based reactor protection systems 1-50903
- Key, C.S.L. Audible sounds excited by aurorae and meteor fireballs 1-49439
- Key, C.S.L. Anomalous sounds from the entry of meteor fireballs 1-54246
- Kebadze, B.V., Aleksandrov, K.A. Reliability of detection of sodium boiling by correlation of acoustic and neutron noise 1-23802
- Kebadze, B.V. *see* Golovanov, V.V. 1-2112
- Keberle, P. *see* Magnera, T.F. 1-36761
- Kebe, B. *see* Hardman, K. 1-25889
- Kechechyan, A.O. *see* Frolov, A.M. 1-28771

- Keckhayan, A.O. *see* Maishev, V.A. 1-25348
Kechiantz, A.M., Kechiev, H.M. In addition to the theory of anomalous photovoltaic effect in semiconductor 1-16313
Kechiev, H.M. *see* Kechiantz, A.M. 1-16313
Kechiyants, A.M., Maslov, V.N., Shik, A.Ya., Shmartsev, Yu.V. Synthetic structures with anomalous photo-EMFs 1-20813
Kek, G., Cabaj, A., Kemmetmuller, H. Investigation on coloured contact lenses 1-22164
Kek, O. The West German fast breeder programme. A case study in governmental decision making 1-50917
Keddar, N. *see* Kirk, D.L. 1-47403
Kedrinski, I.A. *see* Plekhanov, V.P. 1-53571
Kedrov, V.V. *see* Beklemishev, A.I. 1-5303
Kedves, F.J. *see* Godeny, I. 1-47306
Kedzierski, J. *see* Dabrowski, R. 1-2316
Ke, R.W. *see* Doman, D.R. 1-50874
Kee Keon Lim, Sang Soo *see* Lee Numerical analysis on iodine laser 1-46326
Kee Yong Kim Non-precessional classical orbits vs. 1-degeneracy of quantized energies in cases of central potentials 1-44783
Kee-Dae Lee *see* Kee-Doo Woo 1-53213
Kee-Doo Woo, Kee-Dae Lee, Hyun-Kee Cho Strengthening phenomena in Al-Zn-Mg alloy through final thermomechanical treatment 1-53213
Kee-Ju Choi, Topp, M.R. Stabilization of solid-state lasers for picosecond transient spectroscopy 1-51513
Keefe, D. *see* Hermannfeldt, W.B. 1-18879
Keefe, W.M. *see* Rothwell, H.L., Jr. 1-45028
Keefe, W.M. *see* Wyner, E.F. 1-42250
Keel, W.C. *see* Miller, J.S. 1-36432
Keeler, M.J. Comment on the 1964 laser experiment of T.S. Jaseja and others 1-51453
Keeler, R.N. *see* Mitchell, A.C. 1-38572
Keeley, D. Excitation of solar g modes with periods near 160 minutes 1-27466
Keeling, C.D. *see* Bacastow, R.B. 1-54207
Keen, C.E. *see* Royden, L. 1-32397
Keen, D.H., Harmon, R.S., Andrews, J.T. U series and amino acid dates from Jersey 1-35955
Keen, R.A. *see* Mackinnon, P. 1-9432
Keenan, M.R., Buxton, L.W., Campbell, E.J., Balle, T.J., Flygare, W.H. ¹³Xe nuclear quadrupole coupling and the rotational spectra of XeHCl 1-10755
Keenan, M.R., Minton, T.K., Legon, A.C., Balle, T.J., Flygare, W.H. Microwave spectrum and molecular structure of the carbon monoxide-hydrogen bromide molecular complex 1-51192
Keenan, M.R. *see* Buxton, L.W. 1-33478
Keenan, M.R. *see* Campbell, E.J. 1-45940
Keenan, P.C. A more accurate HR diagram for the cooler stars 1-17825
Keenan, P.C., Boeshaar, P.C. Spectral types of S and SC stars on the revised MK system 1-9491
Keenan, P.C. *see* Boeshaar, P.C. 1-49660
Keenan, P.C. *see* Morgan, W.W. 1-54489
Keenan, W.A. *see* Corcoran, R.A. 1-38855
Keene, J., Harper, D.A., Hildebrand, R.H., Whitcomb, S.E. Far-infrared observations of the globule B335 1-9630
Keene, J. *see* Whitcomb, S.E. 1-49525
Keene, J. *see* Wright, E.L. 1-22866
Keeney, M.E. *see* Osseo-Asare, K. 1-4128
Keepin, W.N. *see* Girijashankar, P.V. 1-10460
Keer, L.M. *see* Mendelsohn, D.A. 1-27796
Keer, L.M. *see* Sumi, Y. 1-33295
Keese, R.G., Lee, N., Castleman, A.W., Jr. Properties of clusters in the gas phase. V. Complexes of neutral molecules onto negative ions 1-4061
Keosom, P.H. *see* Galazka, R.R. 1-12294
Keosom, P.H. *see* Nagata, S. 1-16455, 1-34870
Keestler, K.L. *see* Neurgaonkar, R.R. 1-26379
Keevallik, S.Kh. On the accuracy of satellite horizon scanning of an inhomogeneous atmosphere 1-44294
Keever, M., Drummond, T., Hess, K., Morkoc, H., Streetman, B.G. Time dependence of current at high electric fields in Al_{0.4}Ga_{0.6}As-GaAs heterojunction layers 1-34778
Keever, M., Shichijo, H., Hess, K., Banerjee, S., Witkowski, L., Morkoc, H., Streetman, B.G. Measurements of hot-electron conduction and real-space transfer in GaAs-Al_{0.4}Ga_{0.6}As heterojunction layers 1-47736
Keferstein, C. *see* Blasing, J.P. 1-50122
Kegel, W.H. *see* Che, A. 1-27371
Kegel, W.H. *see* Koppen, J. 1-1287
Kegels, L.S. *see* Anderson, J.L. 1-9886
Kegelman, M.R. *see* Wootton, R.E. 1-20004
Kegels, F.A. *see* Filin, V.A. 1-22157
Kehiaian, H.V., Pintos, M., Bravo, R., Paz Andrade, M.I. Thermodynamics of secondary n-amine+n-alkane mixtures 1-47253
Kehl, W., Fischmeister, H.F. Liquid phase sintering of Al-Cu compacts 1-39271
Kehlenbeck, M.M. *see* Poulsen, K.H. 1-54080
Kebae, T.J. *see* Cresson, S.C. 1-26781
Kehr, K.W. *see* Zwerger, W. 1-34673
Kehr, M. Experimental and theoretical investigations on the transmission of sound through single and double plates in air and helium at pressures up to 50 bars 1-19488
Kehr, W.G., Breitering, D.K., Bauer, G. Tripotassium cis-dichloro(hydrogensulfato)platinate(II), K₃[Pt(SO₃)₂HCl]₂. A case of an extremely short hydrogen bond O...H...O 1-15850
Keiderling, T.A. *see* Kozikowski, B.A. 1-31170
Keiderling, T.A. *see* Su, C.N. 1-37184
Keiditsch, E. *see* Bowring, R. 1-8908, 1-8963
Keiditsch, E. *see* Frank, F. 1-8960
Keife, H., Stahlgub, U. Influence of internal pressure in voids on the yield stress of metals 1-15413
Keigwin, L.D., Jr. Palaeogeographic change in the Pacific at the Eocene-Oligocene boundary 1-9174
Keil, T. *see* Doi, Y. 1-48677
Keijser, R.A.J. *see* Lighthart, F.A.S. 1-15671
Keijser, Th.H. *see* De Keijser, Th.H.
Keijser, Th.H. *see* De Keijser, Th.H.
Keijzers, C.P. *see* Manoharan, P.T. 1-47070
Keil, K., Fodor, R.V., Starzyk, P.M., Schmitt, R.A., Bogard, D.D., Husain, L. A 3.6-by-old impact-melt rock fragment in the Plainview chondrite: implications for the age of the H-group chondrite parent body regolith formation 1-32666
Keil, K. *see* Berkeley, J.L. 1-40437
Keil, K. *see* Fodor, R.V. 1-9437
Keil, K. *see* Gooding, J.L. 1-13741
Keil, K. *see* Lux, G. 1-4835
Keil, R. *see* Auracher, F. 1-11080, 1-33832, 1-37594
Keil, S.L., Worden, S.P. Sources of noise in solar limb definitions 1-27464
Keil, S.L., Yackovich, F.H. Photospheric line asymmetry and granular velocity models 1-54445
Keilhacker, M. ASDEX, a step towards impurity control in fusion experiments 1-51971
Keilhacker, M. *see* Niedermeyer, H. 1-25040
Keilin, V.E., Kovalev, I.A., Kruglov, S.L., Pavin, D.B. Superconductor stability against heat pulses in saturated and pressurized superfluid helium 1-47795
Keilin, V.I. *see* Kandaurova, G.S. 1-25978
Keilis-Borok, V.I. *see* Gvishiani, A.D. 1-13402
Keillor, P. *see* Guruswamy, V. 1-32034
Keily, T., Sinclair, T.J. Effect of additives on the corrosion of zinc in KOH solution 1-53320
Kelly, T. *see* Hobbs, B.S. 1-35642
Keinonen, J. *see* Cheng, C.-W. 1-54474
Keinonen, J. *see* Rud, N. 1-50548
Keio Toi Pressure dependence of diffusion coefficient for CO₂ in glassy polymers 1-30478
Keisch, B., Suda, S. Temperature effects in dip tube manometry 1-14114
Keister, B.D. A survey of selected pion-nucleus reactions using phase-shift-equivalent potentials 1-23684
Keister, B.D. *see* Wharton, W.R. 1-45541
Ketta, N.M. *see* Martin, W. 1-25351
Keith, G. *see* Bortle, J. 1-13731
Keith, G.S., Bortle, J. Periodic Comet Encke 1-17794
Keith, G.S., Machholz, D., Bortle, J. Periodic Comet Stephan-Oterma (1980g) 1-17793
Keith, G.S. *see* Bockelee-Morvan, D. 1-17795
Keitel, R. *see* Butt, R. 1-25261
Keitel, R. *see* Hoth, S. 1-52536
Keiter, H., Morandi, G. Comment on a perturbation calculation of the electronic lifetime for a metallic-glass model 1-25713
Keith, B. *see* Colin, P. 1-53939
Keizer, J. Calculation of voltage fluctuations at the Gunn instability 1-47661
Keizer, K., Verkerk, M.J., Burggraaf, A.J. Preparation and properties of new oxygen ion conductors for use at low temperatures 1-16088
Kekez, M.M., Savic, P. Subnanosecond schlieren study of the spark channel tip. I 1-15735
Kekez, M.M. *see* Savic, P. 1-7026, 1-15736
Kekhaiov, T.D. *see* Glurzhidze, L.N. 1-3521
Kekhaiov, T.D. *see* Dimitrov, A.I. 1-20816
Kekishbera, L.V. *see* Volod'ko, L.V. 1-43116
Kekua, M.G. *see* Bakchieva, S.R. 1-52875
Kekua, M.G. *see* Khutishvili, E.V. 1-7610
Kekera, V.V. *see* Volkmyanin, A.P. 1-30938
Kel'balikhanov, B.F., Rusanov, S.Yu., Shnyrev, G.D. Methods for determining the light absorption index of sea water 1-54275
Kelber, J.A. *see* Jennison, D.R. 1-41436
Kelby, S.D., Middleton, R.P. The vibrations of hand bells 1-9817
Keldysh, L.V. *see* Andryushyn, E.A. 1-12040
Keldysh, L.V. *see* Babichenko, V.S. 1-20648
Keldysh, L.V. *see* B

- Kelley, F.S. A general fatigue evaluation method (elastic stress or plastic strain with constant or varying principal direction) 1-31635
- Kelley, J.V. *see* Dandekar, D.P. 1-7258
- Kelley, M.C., Fahleson, U.V., Holmgren, G., Bostrom, R., Kintner, P.M., Kudski, E. Generation and propagation of an electromagnetic pulse in the Trigger experiment and its possible role in electron acceleration 1-17728
- Kelley, M.C. *see* Fejer, B.G. 1-13641
- Kelley, M.C. *see* Holmgren, G. 1-17727
- Kelley, M.C. *see* Kintner, P.M. 1-17730, 1-17751
- Kelley, M.C. *see* Smiddy, M. 1-40258
- Kelley, M.H. *see* Hermann, H.W. 1-1378
- Kelley, R.D., Cavanagh, R.R., Rush, J.J., Madey, T.E. Neutron inelastic scattering study of C_2H_4 adsorbed on Raney nickel 1-2799
- Kelley, R.L., Apparao, K.M.V., Doxsey, R.E., Jernigan, J.G., Naranan, S., Rappaport, S. Discovery of X-ray pulsations from 2S 1417-624 1-49713
- Kelley, R.L. *see* Apparao, K.M.V. 1-32773
- Kellie, J.D. *see* Islam, M.N. 1-41106
- Kellman, M.E. Local modes analysis of vibrational predissociation in iodine-inert gas van der Waals complexes 1-29053
- Kellman, M.E., Amar, F., Berry, R.S. Correlation diagrams for rigid and nonrigid three-body systems 1-1204
- Kellman, M.E., Herrick, D.R. Ro-vibrational collective interaction of supermultiplet classifications of intrashell levels of two-electron atoms 1-6184
- Kellman, M.E. *see* Herrick, D.R. 1-6183
- Kellman, P. Time integrating optical signal processing 1-15091
- Kellner, A. KOMPAKT, a fast technique for describing single-dimensional compressible media 1-10415
- Kellner, A.L. *see* Mergerian, D. 1-1720
- Kellner, B.M.J. *see* Lacombe, R.H. 1-52457
- Kellner, G. *see* Allen, P. 1-36856
- Kellner, G. *see* Arestov, Yu.I. 1-36892
- Kellner, H. *see* Theysohn, H. 1-49086
- Kellner, K. *see* Acton, A. 1-52374
- Kello, V., Urban, M. Fourth-order diagrammatic MB-RSPT calculations of the correlation energy: N_2 , CO , F_2 and the reaction energy of process $1/2 F_2 + 1/2 H_2 = HF$ 1-41297
- Kello, V. *see* Carsky, P. 1-18078
- Kellogg, R.G. *see* Berger, C. 1-5636, 1-10209
- Kellogg, R.G. *see* Berger, C. 1-14404
- Kellogg, G.L. Pulsed laser stimulated field desorption of hydrogen from molybdenum 1-47369
- Kellogg, G.L., Panitz, J.K.G. A direct observation of the trapping of deuterium ions at a grain boundary in tungsten 1-15913
- Kellogg, H.H. *see* Goel, R.P. 1-3710
- Kellogg, P.J. Measurements of potential of a cylindrical monopole antenna on a rotating spacecraft 1-17756
- Kellogg, R.G. *see* Berger, C. 1-23511, 1-45255, 1-45331, 1-50412
- Kellogg, T.G. *see* Boone, D.H. 1-31763
- Kellogg, W. *see* Baker, D.J., Jr. 1-13562
- Kelokumpu, M. *see* Vayrynen, J. 1-1194
- Kelly, A., McCartney, L.N. Failure by stress corrosion of bundles of fibres 1-43558
- Kelly, A. *see* Tsu-Vie Chou 1-39451
- Kelly, C.E. *see* Cockfield, R.D. 1-48886
- Kelly, D.H., Burbeck, C.A. Motion and vision. III. Stabilized pattern adaptation 1-32125
- Kelly, D.H. *see* Burbeck, C.A. 1-4275
- Kelly, D.K. *see* Longenecker, C.L. 1-28620
- Kelly, D.W., Nakazawa, S., Zienkiewicz, O.C., Heinrich, J.C. A note on upwinding and anisotropic balancing dissipation in finite element approximations to convective diffusion problems 1-14079
- Kelly, F.M., Mathur, M.S. Hane effect in the singlet excited states of the alkaline earths 1-6213
- Kelly, F.M. *see* Mathur, M.S. 1-14836
- Kelly, F.M. *see* Nakayama, S. 1-46072
- Kelly, G.N. *see* Bouville, A. 1-50914
- Kelly, H.P. *see* Faegri, K., Jr. 1-24197
- Kelly, J., Bertozzi, W., Buti, T.N., Hersman, F.W., Hyde, C., Hynes, M.V., Norum, B., Rad, F.N., Bacher, A.D., Emery, G.T., Foster, C.C., Jones, W.P., Miller, D.W., Berman, B.L., Love, W.G., Petrovich, F. Signatures of density dependence in the two-nucleon effective interaction near 150 MeV 1-28388
- Kelly, J. *see* Abate, J.A. 1-41717
- Kelly, J.C. *see* Hinkley, S. 1-42422
- Kelly, J.E., Kazimi, M.S. THERMIT, a three-dimensional, two-fluid code for LWR transient analysis 1-28547
- Kelly, J.E., III, Cordaro, J.F., Tomozawa, M. Correlation effects on alkaline ion diffusion in binary alkali oxide glasses 1-20446
- Kelly, J.E., III, Tomozawa, M. Tracer-diffusion measurements in low-alkali glass 1-2678
- Kelly, J.F. *see* Lee, R.J. 1-18341
- Kelly, J.G. *see* Stalker, K.T. 1-50790
- Kelly, J.H., Brown, D.C., Teegarden, K. Time resolved spectroscopy of large bore Xe flash-lamps for use in large aperture amplifiers 1-19399
- Kelly, J.J. Transformer fault diagnosis by dissolved-gas analysis 1-26780
- Kelly, M.J., Hanke, W. Surface superconductivity and the MOS system 1-38886
- Kelly, M.J., Hanke, W. Electron-phonon interaction at a silicon surface 1-42623
- Kelly, M.J. *see* Hanke, W. 1-20912, 1-52685
- Kelly, M.M., West, J.B., Lloyd, D.E. Reflectance of silicon carbide in the vacuum ultraviolet 1-46469
- Kelly, P.C. *see* Adamson, R.B. 1-2524
- Kelly, P.J., Brooks, M.S.S. Cohesive properties of CaF_2 and UO_2 in the atomic sphere approximation 1-20109
- Kelly, P.J., Brooks, M.S.S. Cohesive properties of uranium dioxide 1-47523
- Kelly, R. On the problem of whether mass or chemical bonding is more important to bombardment-induced compositional changes in alloys and oxides 1-16648
- Kelly, R. Basic aspects in the sputtering of atoms, ions, and excited states 1-31274
- Kelly, R., Auciello, O. On the origin of pyramids and cones on ion-bombarded copper surfaces 1-16649
- Kelly, R., Dzioba, S., Tolks, N.H., Tully, J.C. Atomic, molecular, and continuum radiation from ion-bombarded B and B_2O_3 1-39162
- Kelly, R. *see* Dzioba, S. 1-16613
- Kelly, R.E., I-Wu Shen, P. Thermal blooming in axial pipe flow. The effects of beam shape and thermal conditions at the pipe wall 1-1655
- Kelly, S. *see* Asher, M. 1-17192
- Kelly, S.G., Nayfeh, A.H. Non-linear propagation of directional spherical waves 1-19489
- Kelly, T.J., Stedman, D.H., Ritter, J.A., Harvey, R.B. Measurements of oxides of nitrogen and nitric acid in clean air 1-40174
- Kelly, V.P. *see* Klos, D.B. 1-50940
- Kelly, W.H. *see* Matsushita, N. 1-37077
- Kelly, W.H. *see* Morgan, C.B. 1-50509
- Kelly, W.M. *see* Brown, L.L. 1-40056
- Kelm, H. *see* Pfeil, A. 1-14906
- Kelm, M., Oser, B., Drobniak, S., Deckwer, W.D. Denitration of aqueous waste solutions from the nuclear fuel reprocessing 1-5908
- Kelman, L.R. *see* Holland, J.W. 1-50828
- Kelman, V.M., Rodnikova, I.V. A new method of rectification of spectral lines 1-356
- Kelner, S.R. *see* Agaronyan, F.A. 1-36117
- Kelppmann, W.G., Zeyher, R. Diffusion in a deformable lattice: Theory and numerical results 1-36588
- Kelsey, C.A., Berardo, P.A., Smith, A.R., Kligerman, M.M. CT scanner selection and specification for radiation therapy 1-8993
- Kelsey, T.F. PWR steam generator inspection using photographic techniques 1-45709
- Kelso, S.M., Aspnies, D.E., Olson, C.G., Lynch, D.W., Finn, D. Electron-core-hole interaction in GaAsP 1-3430
- Kelso, S.M. *see* Aspnies, D.E. 1-48219
- Kelson, I. *see* Rosenblum, M. 1-29847
- Kelto, C.A., Kosmal, B.A., Froes, F.H., Eylon, D. Titanium powder metallurgy—a perspective 1-39267
- Keltun, D.S. *see* Eisenberg, J.M. 1-44725
- Kembhavi, A.K., Vishveshwara, C.V. Neutrons in compact objects 1-23082
- Kembhavi, A.K. *see* Narlikar, J.V. 1-32779
- Kembrovskii, G.S. *see* Bobrovich, V.P. 1-51237
- Kemeny, G., Mink, J., Goggin, P.L. Force constants in molecular crystals of methyl- and perdeuteriomethylmercury(II) halides 1-2572
- Kemeny, G. *see* Blackman, J.A. 1-42965
- Kemeny, G.J., Eng, R.S., Mantz, A.W. Utilization of tunable infrared diode lasers for the determination of labelled molecules in gas mixtures 1-5413
- Kemeny, G.J., Griffiths, P.R. Feasibility of using dual-beam Fourier transform infrared spectroscopy to study adhesives on metal surfaces 1-40877
- Kemeny, T. Electromechanical strain-gauge measuring transducers 1-23203
- Kemeny, T. Industrial pressure measurement with laboratory accuracy 1-23219
- Kemeny, T., Schaafsma, A.S., Donald, I.W., Davies, H.A., Fogarassy, B., Vincze, I., van der Woude, F. Structural relaxation in ferromagnetic metallic glasses [Curie temperature measurement] 1-34881
- Kemeny, T. *see* Schaafsma, A.S. 1-31074
- Kemeny, T. *see* Solt, J. (editor) 1-27675
- Kemink, R.G. *see* Sparrow, E.M. 1-37932
- Kemlage, B.M. Elimination of chlorine in LPVCD-SiO₂ 1-26390
- Kemmer, J., Hofmann, R. Determination of the energy straggling of Am- α particles in aluminum foils 1-19881
- Kemmerling, S., Varju, D. Regulation of the body-substrate-distance in the stick insect: responses to sinusoidal stimulation 1-49024
- Kemmettmüller, H. *see* Keck, G. 1-22164
- Kemmler-Sack, S. *see* Thumm, I. 1-38349
- Kemnitz, P. *see* Funke, L. 1-10301, 1-50485
- Kemp, J.C. On the phase-locked polarization variations in Cygnus X-1 1-27632
- Kemp, J.C., Barbour, M.S., McBirney, R.E., Rudy, R.J. Algal: a further study of the optical polarization 1-54543
- Kemp, M.A.R. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Kemp, R.F. *see* Brooks, R.E. 1-24364
- Kemp, W.R.G. *see* Harrison, A. 1-14122
- Kempe, V. Satellite-Fourier-spectrometer for Meteor-25: design problems and mission 1-36065
- Kempen, H. *see* van van Kempen, H.
- Kempen de Witte, N. *see* van van Kempen de Witte, N.
- Kemper, K.W., Zeller, A.F., Ophel, T.R. Final-state spins of ^{48}Sc from the $^{48}\text{Ca}(^{4}\text{He})$ reaction 1-10313
- Kemper, K.W. *see* Hnizdo, V. 1-41133, 1-45523
- Kemper, K.W. *see* Szymakowski, J. 1-50615
- Kemper, P.R. *see* McEwan, M.J. 1-12969
- Kempf, J. On-line sputter rate measurements during SIMS, AES depth profiling 1-30266
- Kempf, J. *see* Hinkel, H. 1-18217
- Kempf, K. *see* Kurtz, G. 1-52938
- Kempisty, Z. *see* Beensh-Marchwicka, G. 1-11991
- Kempe, M.D. *see* Hutchison, C.A., Jr. 1-42993, 1-43854
- Kemppainen, P. *see* Tormala, P. 1-39374
- Kempell, S.P. *see* Bax, A. 1-41455
- Kempter, K. *see* Weitzel, I. 1-35188
- Kempter, V. *see* Blattmann, K.H. 1-1343, 1-6348
- Ken Knight, C.E. *see* Burke, J.J. 1-40408
- Ken Pao Liu *see* Liu Ken Pao
- Ken-hua Zhan *see* Zhan Ken-hua
- Kenan, R.P. *see* Verber, C.M. 1-24534
- Kenan, W.R., Jr. *see* MacDonald, J.R. 1-52907
- Kendall, B.R.F. Vacuum applications of metal foams 1-27997
- Kendall, B.R.F., Schwab, F.A.S. Production of pulsed electric fields using capacitively coupled electrodes 1-23267
- Kendall, D.P. *see* Frankel, J. 1-38615
- Kendall, G.M. *see* Wall, B.F. 1-35889
- Kendall, J.S. *see* Barton, D.M. 1-23769
- Kendall, M.L. *see* Walker, D.D. 1-27392
- Kendall, W.R. *see* Rubinstein, H.J. 1-868
- Kendall-Tobias, M., Takemoto, J. Simple, compact, and inexpensive light-dark attachment for scanning spectrophotometers 1-50191
- Kendelewicz, T. Reflectivity spectra of $\text{Co}_{1-x}\text{Mn}_x$ Te mixed crystals in the vicinity of the E_1 and $E_1 + \Delta_1$ transitions 1-16582
- Kendig, M.W. *see* Isaacs, H.S. 1-26652
- Kendrick, G. *see* St. Lawrence, W. 1-44159
- Kendrick, R.D., Wind, R.A., Yannoni, C.S. A simple method for measuring the spinning frequency in magic angle spinning experiments 1-14159
- Kendrick, R.D. *see* Bleich, H.E. 1-28043
- Kendrick, R.D. *see* Yannoni, C.S. 1-43021
- Kendziorra, E. *see* Pietsch, W. 1-54661
- Kendziorra, E. *see* Stauber, R. 1-9724
- Kenemuth, J. *see* Everson, J.H. 1-46496
- Keng, P.C., Wheeler, K.T. Radiation response of synchronized 9L rat brain tumor cells separated by centrifugal elutriation 1-26958
- Kenig, K. *see* Dabrowski, R. 1-2316
- Kenigsberg, A., Hasan, D., Elias, E. Parametric study of radioactive release from a breached containment 1-834
- Kenina, E.M. *see* Boriskina, N.G. 1-16900
- Kenkies, R. *see* Frohlich, D. 1-48107
- Kenkre, V.M. Theory of exciton annihilation in molecular crystals 1-2882
- Kenkre, V.M. Simple connection between signals in transient grating experiments and memories in generalized master equations for excitons 1-47494
- Kenkre, V.M., Wong, Y.M. Theory of exciton migration experiments with imperfectly absorbing end detectors 1-47497
- Kenkre, V.M. *see* Kuhne, R. 1-52607
- Kenkre, V.M. *see* Wong, Y.M. 1-12037
- Kennedy, A., Lazarides, G., Shafi, Q. Decay of the false vacuum in the very early Universe 1-40584
- Kennedy, A.M. *see* Wolgast, R.C. 1-45759
- Kennedy, C.R., Bradt, R.C., Rindone, G.E. The strength of binary alkali silicate glasses 1-3852
- Kennedy, C.R. *see* Bonar, J.A. 1-3944
- Kennedy, D.M. *see* Meineri, P.D. 1-50766
- Kennedy, E.T. *see* Carroll, W.K. 1-46903
- Kennedy, G.C. *see* Boehler, R. 1-7359, 1-34495
- Kennedy, G.C. *see* Mirwald, P.W. 1-8286
- Kennedy, G.C. *see* Ramakrishnan, J. 1-34451
- Kennedy, J., Schulte, R. Nitrogen analysis in an electron beam welded austenitic stainless steel, Nitronic 33 1-26782
- Kennedy, J. *see* Pernick, B.J. 1-8492
- Kennedy, J.H., Shinar, R., Ziegler, J.P. $\alpha\text{-Fe}_2\text{O}_3$ photoanodes doped with silicon 1-21734
- Kennedy, J.M. Three-dimensional nonlinear structural model for above-core structures 1-33317
- Kennedy, J.M., Belytschko, T.B. Gap effect on fluted tube container burst pressure 1-45693

- Kennedy, J.M., Belytschko, T.B., Schoeberle, D.F. A quasi-Eulerian fluid-structure code for simulation of high-pressure transients in core components 1-33301
- Kennedy, N.S.J., Nemes, R.J. Structural studies of RbH_2PO_4 in its paraelectric and ferroelectric phases 1-2403
- Kennedy, P.J. The mechanism of corrosion inhibition by dionynaphthalenesulfonate 1-39673
- Kennedy, P.J., Shapiro, M.A. Further encounters with clear air turbulence in research aircraft 1-13522
- Kennedy, P.R., Ross, H.-G. X-ray controlled implantation of the brain stem 1-9061
- Kennedy, R.C. see McDowell, R.S. 1-24141
- Kennedy, R.J. Interpretation of strain shifts of lanthanide ion energy levels 1-12077
- Kennedy, R.J., Campbell, J.A. Strain modulation of optical f-f transitions of lanthanide ions 1-12531
- Kennedy, S.J. see Wheeler, J.C. 1-26742
- Kennedy, T. see Boud, D.J. 1-36478
- Kennedy, T.A. see Wagner, R.J. 1-3264
- Kennedy, T.N. Magnetic particle debris reduction in vacuum evaporation 1-48264
- Kennedy, W. see Gorman, D.G. 1-29603
- Kennel, C.F. see Ashour-Abdalla, M. 1-36107
- Kenner, G.H. see Park, J.B. 1-32105
- Kenner, T. see Haidmayer, R. 1-35895
- Kenner, V.H. The fluid Hopkinson bar 1-19806
- Kenner, V.H. see Knauss, W.G. 1-11805
- Kennett, B.L.N. On coupled seismic waves 1-32369
- Kennett, J.P. see Berggren, W.A. 1-17571
- Kennett, P., Ireson, R.L., Conn, P.J. Vertical seismic profiles: their applications in exploration geophysics 1-40066
- Kennett, R.G., Barnes, A.V., Fox, G.C., Walker, R.L., Dahl, O.L., Kenney, R.W., Ogawa, A., Pripstein, M. Inclusive π^0 and η production from kaon, proton and antiproton beams in the triple-Regge region 1-33203
- Kennett, S.R., Anderson, M.R., Mitchell, L.W., Switkowski, Z.E., Sargood, D.G. Cross-section measurements and thermonuclear reaction rates for $^{50}\text{Ti}(p,\gamma)^{51}\text{V}$ and $^{50}\text{Ti}(p,n)^{50}\text{V}$ 1-5815
- Kennett, S.R. see Anderson, M.R. 1-18616
- Kennett, T.J., Islam, M.A., Prestwich, W.V. An investigation of the $^{35}\text{Cl}(n,\gamma)^{36}\text{Cl}$ reaction 1-45448
- Kennett, T.J., Prestwich, W.V., Islam, M.A., Kerr, S.A. Area estimation for filtered gamma ray spectra 1-5728
- Kennett, T.J. see Cousins, T. 1-22118
- Kennett, T.J. see Kerr, S.A. 1-26992
- Kennell, J.A. see Elyett, C.D. 1-4829
- Kenney, J.M. see DeReggi, A.S. 1-51683
- Kenney, R.W. see Kennett, R.G. 1-33203
- Kenney, V.P. see Biswas, N.N. 1-18515
- Kenney-Wallace, G.A. Picosecond relaxation processes in liquids 1-16579
- Kenney-Wallace, G.A. see Jonah, C.D. 1-53443
- Kennicut, R.C. H II regions in NGC 628. III. Ha luminosities and the luminosity function 1-22854
- Kennicut, R.C. see Israel, F.P. 1-4950
- Kennon, J.L. see Inoulet, I.I. 1-20015
- Kenny, J.E., Russell, T.D., Levy, D.H. Van der Waals complexes of iodine with hydrogen and deuterium: intermolecular potentials and laser-induced photodissociation studies 1-10800
- Kenny-Wallace, A. see Sala, K.L. 1-1607
- Kent, D.S. see Kirtley, J.R. 1-3113
- Kent, G.S., Philip, M.T. Lidar observations of dust from the Soufriere volcanic eruptions of April 1979 1-22410
- Kent, H. see Harrison, J. 1-33659
- Kent, M.R. The physics of swimming 1-13974
- Kent, R.A., Zocher, R.W., Melton, G.F., Behrens, R.G. Fabrication of a $^{238}\text{PuO}_2$ general-purpose heat source for space applications 1-41224
- Kent, R.D., Schlesinger, M. Unitary group approach to the treatment of mixed-orbital configurations 1-45818
- Kent, S. (editor) Remember the future—the Apollo Legacy 1-27680
- Kent, T.A., Huynh, B.H., Munck, E. Iron-sulfur proteins: spin-coupling model for three-iron clusters 1-48950
- Keenfield, J.A.C. Benefits arising from the use of pneumatic energy transmittal in wind power systems 1-53556
- Kentwell, G. see Hincley, S. 1-42422
- Keutwell, G.W., Hora, H. Higher order terms of the nonlinear forces in plasmas with collisions at laser interaction 1-29836
- Kenway, D. see Egerton, R.F. 1-23198
- Kenway, R.D. see Guerin, F. 1-23410
- Kenway, R.D. see Houghton, A. 1-33110
- Kenyon, I.R. see Corden, M. 1-14429
- Kenyon, I.R. see Corden, M.J. 1-14428, 1-28352
- Kenyon, R.V., Ciuffreda, K.J., Stark, L. An unexpected role for normal accommodative vergence in strabismus and amblyopia 1-35767
- Kenyon, R.V., Ciuffreda, K.J., Stark, L. Unequal saccades during vergence 1-35769
- Kenyon, R.V., Stark, L. Unequal saccades produced by nonlinear plant dynamics 1-8859
- Kenyon, R.V. see Stark, L. 1-35771
- Keon Lim Kee see Kee Keon Lim
- Keown, S.R. see Andrews, K.W. 1-31791
- Kephart, J.E. see Gabriel, S. 1-17509
- Kephart, J.E. see Honeycutt, R.K. 1-9498
- Kephart, R.D. see Ito, A.S. 1-45373
- Kephart, R.D. see Leung, E.M.W. 1-45760
- Kephart, T. see Faissler, W. 1-45351
- Kepka, J.B. Analysis of formal definition of the fugacity 1-38037
- Kepka, M. Steels for nuclear reactor pressure vessels 1-5847
- Kepler, R.G. Piezoelectricity, pyroelectricity, and ferroelectricity in organic materials 1-12460
- Kepler, R.G. see Schultz, J.M. 1-15882
- Kepler, S.O. see Robinson, E.L. 1-44562
- Kepple, J.B. see Southwick, R.D. 1-53327
- Kepple, P.C. see Hauer, A. 1-7005
- Keppeler, E. The solar wind extends far into outer space: solar wind and magnetic field in the light of plasma physics 1-22658
- Keppeler, K. see Iswaran, C.V. 1-16793
- Keprt, J. Some applications of holography and of holographic interferometry in medicine 1-32223
- Kerachev, P. see Abrahamov, E.O. 1-722
- Kerber, R.L., Brown, R.C. An analysis of the role of kinetic mechanisms affecting $\text{H}_2 + \text{F}_2$ laser performance 1-41677
- Kerber, R.L. see Brown, R.C. 1-51471
- Kerblay, T.S. Trajectories of radio waves reflected from the large-scale inhomogeneous structure of the E layer 1-22577
- Kerch, G.M. see Tsiprin, M.G. 1-17013
- Kerdraon, A. see Trotter, G. 1-4890, 1-36243
- Keresztes, Z. see Daligish, R. 1-285
- Keresztury, G., Ince, N., Soti, F., Imre, L. CO_2 inclusion bands in i.r. spectra of KBr pellets 1-14899
- Keresztury, G. see Vinkler, P. 1-14892
- Kerimov, B.K., Samsonenko, N.V. The effects of second-class currents in forward and inverse beta decay 1-28415
- Kerimov, B.K. see Safin, M.Ya. 1-5629
- Kerimov, I.G. see Atiev, F.Yu. 1-47397
- Kerimov, I.G. see Krupnikov, E.S. 1-42873
- Kerimov, K.K. see Hajiev, B.N. 1-5316
- Kerivan, J.E. Binaural detection of sonar signals 1-29466
- Kerker, M. The radiation force on small particles 1-44494
- Kerker, M., Siiman, O., Bumm, L.A., Wang, D.-S. Surface enhanced Raman scattering (SERS) of citrate ion adsorbed on colloidal silver 1-6262
- Kerkhoff, H., Schmidt, M., Teppner, U., Zimmermann, P. Radiative lifetimes of excited triplet states in Cd I 1-6208
- Kerkhoff, H., Schmidt, M., Zimmermann, P. Lifetime measurements in the $2s3s^3\text{S}$ and $2s3d^3\text{D}$ states of Be I by selective laser excitation 1-24059
- Kerkhoff, H., Schmidt, M., Zimmermann, P. Lifetimes and oscillator strengths in the triplet system of Zn I 1-28927
- Kerkhove, E. see Van Camp, E. 1-18621
- Kerkow, H. see Bernhard, F. 1-2495
- Kerley, G.I. A theoretical equation of state for methane 1-16014
- Kerley, G.I., Abdallah, J., Jr. Theoretical equations of state for molecular fluids: nitrogen, oxygen, and carbon monoxide 1-38496
- Kerley, G.I. see Dick, R.D. 1-38495
- Kerlick, G.D. Finite reduced hydrodynamic equations in the slow-motion approximation to general relativity. I. First post-Newtonian equations 1-5176
- Kerlick, G.D. Finite reduced hydrodynamic equations in the slow-motion approximation to general relativity. II. Radiation reaction and higher-order divergent terms 1-9883
- Kerlin, T.W., Hashemian, H.M., Petersen, K.M., Thomas, J., Snodgrass, D., Haynes, H., Elder, R.T. Response time testing of resistance thermometers in operating pressurized water reactors 1-50817
- Kerlin, T.W., Katz, E.M., Freels, J., Thakkar, J. Dynamic modelling of nuclear steam generators 1-28573
- Kerlin, T.W. see Hashemian, H.M. 1-28534
- Kerlin, T.W. see Upadhyaya, B.R. 1-50906
- Kerman, A.K. see Betz, M. 1-10371
- Kermisch, D. see Sarid, D. 1-41827
- Kern, B.D. see Snell, A.H. 1-22987
- Kern, E.C., Jr. Residential photovoltaic systems 1-53618
- Kern, J. see Dousse, J.-C. 1-15745
- Kern, J. see Dousse, J.-C. 1-21156
- Kern, J. see Schrey, H.-G. 1-37782
- Kern, J. see Weber, R. 1-33216
- Kern, K. see Kleinschmidt, M. 1-28337
- Kern, R., Gonsor, U. Stress effect on the magnetoresistance of amorphous ferromagnets 1-16277
- Kern, R. see Barone, V. 1-7471
- Kern, R.C., El-Zeftawy, M.M., Salah, S., Norian, P.E. PWR core response for a steam-line break accident—sensitivity studies 1-10467
- Kern, Th. see Bitterwolf, E. 1-28375
- Kern, W. see Chung, S.U. 1-14423, 1-41006, 1-45362
- Kernahan, J.A., Pinnington, E.H., O'Neill, J.A., Bahr, J.L., Donnelly, K.E. Study of the beam-foil spectrum of Xe VI, Xe VII, and Xe VIII from 500 to 1550 Å 1-1153
- Kernan, A. see Hanna, D. 1-41015
- Kernan, W.J. see Biswas, N.N. 1-18515
- Kernel, G. see Stanovnik, A. 1-23950
- Kernell, R.L. see Reft, C.S. 1-33779
- Kerner, B.S., Osipov, V.V. Stochastically inhomogeneous structures in nonequilibrium systems 1-32916
- Kerner, B.S. see Ezhov, V.S. 1-42856
- Kerner, R. Covariant objects and invariant equations on fiber bundles 1-5189
- Kerner, R. Spinors on fiber bundles 1-5458
- Kerner, W. see Gruber, R. 1-51934
- Kerner-Czeskleba, H. see Cros, B. 1-11725
- Kerney, P.J., McWilliams, D.A. 50-liters/hr helium liquefier for a superconducting magnetic energy storage system 1-48931
- Kerns, Q. see Barish, B. 1-10192
- Kerps, D. see Engelmann, R.W.H. 1-19423
- Kerr, A.D. An improved analysis for thermal track buckling 1-11329
- Kerr, D.P. see Dannefer, S. 1-39178
- Kerr, F.J. see Bowers, P.F. 1-32735
- Kerr, H.W. see Ganaha, T. 1-8298
- Kerr, K. Accommodative and fusional vergence in anomalous correspondence 1-35777
- Kerr, R.M., Nelkin, M. Self-similar decay of turbulent kinetic energy in a model with only local energy transfer 1-6847
- Kerr, S.A., Kouris, K., Webber, C.E., Kennett, T.J. Coherent scattering and the assessment of mineral concentration in trabecular bone 1-26992
- Kerr, S.A. see Kennett, T.J. 1-5728
- Kerr, W. see Samanta, P. 1-41212
- Kerr, W.R. Flow stress, strain rate, strain relationships in superplastic deformation 1-35312
- Kerrick, D.M. see Jacobs, G.K. 1-36673
- Kerrick, W. see Bhagat, P.K. 1-35923
- Kerry, N.J. Synthesis of seismic surface waves 1-35941
- Kerschner, R.K. Mechanical design constraints for a total station 1-224
- Kershaw, R. see Koentzer, J. 1-34741
- Kersley, L. An empirical model of ionospheric slab thickness 1-44389
- Kersley, L., Aarons, J., Klobuchar, J.A. Nighttime enhancements in total electron content near Arecibo and their association with VHF scintillations 1-4697
- Kerstein, A. see Schmieder, R.W. 1-34020
- Kerstein, G. see Mlynec, J. 1-40868
- Kersten, R.T., Stielzner, D.F. Multimode integrated optics using dielectric and hollow metallic waveguides 1-41889
- Kersten, R.T. see Le-Hiep, T. 1-19450
- Kersten, R.Th. see Schlaack, H.F. 1-46594
- Kersten, R.Th. see Tietgen, K.H. 1-51641
- Kerstens, J. see Bogus, K. 1-39788
- Kertanguy, A. de see de Kertanguy, A.
- Kertasz, J. see Chakrabarti, B.K. 1-44856
- Kertesz, J. see Vicsek, T. 1-27900, 1-32922
- Kertesz, L. see Batirev, I.G. 1-2862
- Kertesz, M., Koller, J., Azman, A. Nuclear distortion of the equidistant arrangement in trans-polyacetylene, (CH)_n 1-7537
- Kertesz, M., Koller, J., Azman, A. Ab initio techniques for ground state calculations on polymers 1-19225
- Kertesz, V. see Karolák, J. 1-38162
- Kerth, L.T. see Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Kervailshvili, P.D. see Goncharov, L.A. 1-34365
- Kervel, S.J.H. Van see Van Kervel, S.J.H.
- Kervella, F. see Bartholin, H. 1-7138
- Kervinen, T., Jaakkola, S., Mattila, L. REWET-1 single pin reflood experiments 1-23752
- Kerwawez, J.P., Tomozawa, M. Structural origin of the light scattering from a phase-separated glass 1-3423
- Kerzhanovich, V.V., Makarov, Yu.F., Marov, M.Y., Molotov, E.P., Rozhdestvenskiy, M.K., Sorokin, V.P., Antsibor, N.M., Kustodieva, V.D., Puchkov, V.I. An estimate of the wind velocity and turbulence in the atmosphere of Venus on the basis of reciprocal Doppler measurements by the Venera 11 and Venera 12 spacecraft 1-9397
- Kerzhanovich, V.V., Mararov, Yu.F., Marov, M.Y., Rozhdestvenskiy, M.K., Sorokin, V.P. Venera 11 and Venera 12: preliminary evaluations of wind velocity and turbulence in the atmosphere of Venus 1-49553
- Kesarwani, R.N., Varshni, Y.P. Improved variational solution of the Thomas-Fermi equation for atoms 1-45848
- Kesava Das, V., Gouveia, A.D., Varma, K.K. Circulation and water characteristics on isosonic surfaces in the northern Arabian Sea during February-April 1-54112
- Kesava Das, V. see Ramesh Babu, V. 1-54109
- Kesava Das, V. see Varma, K.K. 1-54111

- Kesavvasamy, K., Krishnamurthy, N. Vibrations of a one-dimensional diatomic defect lattice 1-47194
- Kesavvasamy, K., Krishnamurthy, N. Elastic constants of calcium tungstate 1-52216
- Keserashvili, R.Ya. see Dzhibuti, R.I. 1-36969
- Keserashvili, R.Ya. see Jibuti, R.I. 1-680
- Keshavamurty, R.N., Satyan, V., Dash, S.K., Sinha, H.S.S. Shift of quasi-stationary flow features during active and break monsoons 1-49371
- Keshavamurty, R.N. see Goswami, B.N. 1-27238
- Keshavan, S.V. see Srinath, L.S. 1-41992
- Keshelashvili, L.V. see Bakradze, N.G. 1-35743
- Keshisher, K.O., Parshin, A.Ya., Babkin, A.V. Crystallization waves in He 1-52388
- Keshishyan, T.N., Rabukhin, A.I., Dorofeev, V.G. Effect of the nature of the chemical bonds on the elastooptical properties of glasses containing lithium and lead with various glass-forming frameworks 1-16549
- Keski-Rahkonen, O. see Aberg, T. 1-26311
- Keskinen, K. see Hobson, R.M. 1-38129
- Keskinen, M.J., Ossakow, S.L., McDonald, B.E. Nonlinear evolution of diffuse auroral F region ionospheric irregularities 1-4690
- Keskyula, A.Yu., Panikov, N.N. Use of automatic recorders for recording pulse signals 1-21659
- Kesler, S.E. see Jones, L.M. 1-13422
- Kesmodel, L.L., Gates, J.A., Chung, Y.W. Observation of surface optical phonons on $\text{TiO}_2(100)$ 1-42622
- Kesmodel, L.L. see Van Hove, M.A. 1-47344, 1-47345
- Kesner, J. Tandem-mirror sloshing-electron plugs 1-46914
- Kessaissia, Z. see Eymann, J.O. 1-43701
- Kessel, A.R. see Belyanin, A.L. 1-31016
- Kessel, A.R. see Berim, G.O. 1-52741
- Kessel, A.R. see Shakhmuratov, R.N. 1-33649
- Kessel, Q.C. see Alton, G.D. 1-46104
- Kesseler, G. see Botner, O. 1-37065
- Kesselman, P.M., Onufriev, I.V. Effective potential method in a cellular fluid model. Application to binary fluid systems 1-15779
- Kesselman, V.S. Coagulation of interstellar dust in a turbulent gas 1-44620
- Kesseling, P. The solar energy potential in Switzerland 1-39739
- Kessenikh, G.G., Chan Van Kuin, Schmidt, G. Effect of isotopic hydrogen substitution on the absorption of sound at the ferroelastic phase transition in the crystal $\text{KH}_2(\text{SeO}_3)_2$ 1-7263
- Kessler, A. Discharge of ions and space charge formation in CdF_2 crystals with different kinds of electrodes 1-3331
- Kessler, A., Betz, E. Point defect formation under the influence of NH_3 and H_2O atmospheres in the surface of NH_4Cl 1-2439
- Kessler, A. see Ruckman, M.W. 1-2334
- Kessler, D.A., Levine, H. N-body dynamics and the collective field method 1-23046
- Kessler, E.G. see Deslattes, R.D. 1-36920
- Kessler, E.G., Jr. see Deslattes, R.D. 1-29981
- Kessler, G. see Abdel-Khalik, S.I. 1-5989
- Kessler, J. The perfect photoionization experiment 1-45077
- Kessler, J. see Kaminski, H. 1-19066
- Kessler, L.W. see Yuhas, D.E. 1-8507, 1-21685
- Kessler, P. see Carimalo, C. 1-28354
- Kessler, R. Open-cycle MHD generator channel development 1-48875
- Kessler, R., McClaine, A.W., Solbes, A. High interaction subsonic MHD channel operation 1-13147
- Kessler, R. see Oertel, H. 1-37934
- Kessler, W.V. see Paredes, C.H. 1-6111
- Kessler, Yu.M. see Verstakov, E.S. 1-7993
- Kessler, Yu.M. see Yuhnovskii, I.R. 1-19157, 1-34456
- Kessler, Yu.M. see Yuhnovskii, I.P. 1-29078
- Kestelman, W.N., Remisov, N.V. Evaluation of wear and friction on some plastic materials in aggressive media 1-8438
- Kestelmann, W.N., Negmatow, S.S., Sadykov, C.U. Investigation of the properties of plastic coatings modified by a magnetic field 1-21601
- Kesteloot, H. see Denys, B.G. 1-8893
- Kestinen, J. see Ajtenko, I.V. 1-592
- Kesteman, J. see Barth, M. 1-45377
- Kestemont, E. see Afsar, M.N. 1-36679
- Kesten, H., Papanicolaou, G.C. A limit theorem for stochastic acceleration 1-27871
- Kestenbach, H.-J. see Meyers, M.A. 1-11814
- Kestenboim, K.S. see Entov, V.M. 1-51837
- Kester, J. see Furtak, T.E. 1-16566
- Kestin, J. Availability: the concept and associated terminology 1-14083
- Kestin, J. see Assael, M.J. 1-29825
- Kestin, J. see Fleeter, R. 1-15570
- Keston, A.S., Sangiovanni, J.J., Goldberg, P. Conceptual examination of gas phase particulate formation in gas turbine combustors 1-26746
- Ketchum, R.D., Jr., Lohanick, A.W. Passive microwave imagery of sea ice at 33 GHz 1-13486
- Ketelaars, C.E.J. see White, D.N. 1-35844
- Ketis, B.P., Krivka, I., Reksnys, R., Sakalas, A. Inhomogeneities in n-CdS due to infrared quenching of photoconductivity 1-20827
- Ketkar, S.N., Fink, M. Effect of vibration in electron scattering by H_2 and D_2 1-15009
- Ketley, G.W. see Ashfold, M.N.R. 1-51264
- Keto, J.W. see Proffitt, M.H. 1-19106
- Ketov, A.I. see Dem'yanov, V.A. 1-21802
- Ketrush, P.I. see Stevenson, D.A. 1-39250
- Ketseridis, G. see Eichmann, R. 1-4552
- Kettens, D.R. see Bishop, J.K.B. 1-32465
- Ketterson, J.B. see Calder, I.D. 1-16032, 1-20498
- Ketterson, J.B. see Dye, D.H. 1-42676
- Ketterson, J.B. see Felcher, G.P. 1-12263
- Ketterson, J.B. see Sohl, C.H. 1-2779
- Kettle, S.F.A. see Jayasooriya, U.A. 1-52954
- Kettle, S.F.A. see Kearley, G.J. 1-3379
- Kettle, S.F.A. see Oxtom, I.A. 1-45962
- Kettner, K.U., Lorenz-Wirzba, H., Rols, C. The $^{12}\text{C}+^{12}\text{C}$ reaction at subcoulomb energies 1-18705
- Kettner, K.U. see Gorres, J. 1-23908
- Kettner, K.-U. see Wiescher, M. 1-18617
- Kettunen, P., Ruuskanen, P. The influence of cyclic stressing on the Barkhausen effect in polycrystalline iron 1-30988
- Keume, D.L. see Kirchoefer, S.W. 1-46368
- Keume, W. see Shigematsu, T. 1-21095
- Keung, W.Y. see Barger, V. 1-10279
- Keuster, D. see De Keuster, D.
- Kevan, L. Introduction to electron trapping and transfer in frozen media 1-52526
- Kevan, L. see Schlick, S. 1-43036
- Kevan, S.D. Normal emission photoelectron diffraction studies at Stanford Synchrotron Radiation Laboratory 1-31302
- Kevan, S.D., Tobin, J.G., Rosenblatt, D.H., Davis, R.F., Shirley, D.A. Temperature dependence of normal-emission photoelectron diffraction and analogies with extended X-ray-absorption fine structure 1-42636
- Kevan, S.D. see Davis, R.F. 1-21324
- Kevdina, I.B. see Berlin, Yu.A. 1-43650
- Kevles, D.J., Sturchio, J.L., Carroll, P.T. The sciences in America, circa 1880 1-22989
- Kevorkov, A.M. see Arsenov, P.A. 1-26244
- Kevorkov, M.N. see Yurova, E.S. 1-20741
- Kewley, D.J. The effect upon the photostationary state relationship when clean air and photochemical smog mix 1-53729
- Key, J.F., McIlwain, M.E., Isaacson, L. A plasma diagnostics approach to welding heat source/molten pool interaction 1-15656
- Key, M.H. Some topical issues in short pulse laser produced plasma research 1-11578
- Key, M.H. Some topical issues in research on short-pulse laser-produced plasmas 1-15632
- Key, M.H., Rumsby, P.T., Evans, R.G., Lewis, C.L.S., Ward, J.M., Cooke, R.L. Study of ablatively imploded spherical shells 1-25013
- Key, M.H. see Hares, J.D. 1-29893
- Key, M.H. see Kilkenny, J.D. 1-19924
- Key, M.H. see Lewis, C.L.S. 1-29915
- Key, R.R. see Surprenant, H.L. 1-19111
- Keyes, C.D. see Aller, L.H. 1-13825, 1-44638
- Keyes, D.E. see Abernathy, F.H. 1-24852
- Keyes, G. see Cohen, G. 1-43968
- Keyes, G. see DiBianca, F.A. 1-45343
- Keyes, G.S. see Cho, Y. 1-33184
- Keyes, P.A. see Daniels, W.B. 1-38272
- Keyes, R.W. Silicon ultrasonic transducer 1-11276
- Keyes, T. Light scattering from nonequilibrium steady states 1-26224
- Keyhani, M. see Kulacki, F.A. 1-5867
- Kezdi, A. Thermodynamics and soil physics 1-16067
- Kezerashvili, R.Ya. see Goldstein, V.A. 1-50586
- Kezerashvili, V.Ya. see Bulkin, A.P. 1-23918
- Kezuka, H. Evaluation of thin films of NaTi compounds by electrical resistivity measurement 1-30846
- Nguyen Ngok Lam see Merzlyakov, S.I. 1-1030
- Kha, C.R. see Henri, M. 1-47937
- Kha Khun Tkhi see Khun Tkhi Kha
- Khaas, M.A., Khizhnyakov, V.V. Neutron and gamma emission spectra from resonance-excited nuclei in crystals 1-26099
- Khabakhpashev, A.G. see Baru, S.E. 1-5451
- Khabakhpasheva, Y.M. Heat transfer in pipe flows of non-Newtonian fluids 1-29670
- Khabarova, L.I. see Koblova, O.E. 1-12901
- Khabazin, Yu.G. see Pokhotelov, O.A. 1-4708
- Khabibulin, I.Kh. see Zhuravlev, Yu.A. 1-15364
- Khabibulina, L.R. see Turyanitsa, I.I. 1-37443
- Khabibullin, I.L. see Verigin, N.N. 1-38006
- Khablo, V.A. see Aleksandrov, Yu.A. 1-5634
- Khabyyev, M.S. see Bitukov, S.M. 1-43338
- Khachatryan, B.V. see Sarkisyan, A.V. 1-9539
- Khachatryan, G.N. see Grigoryan, A.A. 1-36830
- Khachatryan, K.O. see Bagdasaryan, R.A. 1-3066
- Khachaturov, A.I. see Afraimovich, E.L. 1-4630
- Khachatryan, A.G., Pokrovskii, B.I. The percolation mechanism of superionic conductivity in impure solid electrolytes 1-30444
- Khachikyan, A.V. see Vlokh, O.G. 1-3372
- Khachikyan, E.E. see Andreyan, N.K. 1-27600
- Khachikyan, E.E. see Greenstein, J.L. 1-27490
- Khachikyan, E.E. see Petrosyan, A.R. 1-4982
- Khachikyan, E.E. see Popov, V.N. 1-36397, 1-49805
- Khachikyan, E.H. see Petrosyan, A.R. 1-9660
- Khachikyan, G.Ya., Rudina, M.P. Longitudinal effects in the distribution of critical F_2 -layer frequencies and of the average fields of meteorological elements in the lower atmosphere 1-22594
- Khachin, V.N. see Bratchikov, A.D. 1-35216
- Khade, V.V. see Sinha, S. 1-27225
- Khadra, L. see Kim, Y.C. 1-18043
- Khadzhi, P.I., Moskalenko, S.A., Belkin, S.N., Rotaru, A.Kh. Coherent nutation of excitons, photons, and bielectrons in semiconductors 1-2885
- Khadzhi, P.I. see Belkin, S.N. 1-52499
- Khadzhiiskii, N.G. see Meisner, L.B. 1-1625
- Khadzhor, K.B. see Popov, K.G. 1-31520, 1-46680
- Khaenko, B.V. Order in cubic carbides and nitrides of transition metals of groups IV and V 1-30166
- Khaetskii, A.V. see D'yakonov, M.I. 1-52630
- Khaetskii, A.V. see D'yakonov, M.I. 1-38793
- Khaibullin, I.B., Shtyrkov, E.I., Zaripov, M.M. Laser annealing of ion-implanted semiconductors 1-52157
- Khaibullin, I.B., Shtyrkov, E.I., Zaripov, M.M., Bayazitov, R.M., Aganov, R.V. Influence of laser annealing regimes on electrical characteristics of implanted silicon layers 1-2485
- Khaiderov, K. see Bakhtadjanov, M.K. 1-20810
- Khaikin, L.S., Belyakov, A.V., Vilkov, L.V., Bogorodskii, E.T., Zavgorodnii, V.S. Molecular structures of acetylene derivatives of tin. IV. Gas-phase electron-diffraction study of tetraethynyltin, $\text{Sn}(\text{C}\equiv\text{CH})_4$, and triethynyltin iodide, $\text{ISn}(\text{C}\equiv\text{CH})_3$ 1-1401
- Khaikin, L.S. see Belyakov, A.V. 1-51294
- Khaikin, M.S., Khlyustikov, I.N. Twinning plane of a metallic crystal-two-dimensional superconductor 1-52688
- Khaikin, M.S., Trojanovsky, A.M., Volodin, A.P. Levels of charges at surface of dielectrics 1-7690
- Khaikin, M.S. see Mhlyustikov, I.N. 1-44963
- Khaikin, N.Sh. see Elagin, A.Yu. 1-5274
- Khaikin, N.Sh. see Kaufman, S.A. 1-5270
- Khaikin, N.Sh. see Kaufman, S.A. 1-5272
- Khaikin, R.A. see Astaf'ev, V.B. 1-20516
- Khaikovich, I.M. see Posik, L.N. 1-28686
- Khailov, V.M. see Britan, A.B. 1-37989
- Khaimov-Mal'kov, V.Ya. see Akulonok, E.M. 1-31340
- Khaimov-Mal'kov, V.Ya. see Bessonova, T.S. 1-3463
- Khaimovich, E.P. see Smolyakov, B.P. 1-26027
- Khain, V.E., Levin, L.E. Tectonic types of marginal and inner seas; their place in the development of the crust 1-49253
- Khairidinov, E.F. see Nikonov, Yu.I. 1-8547
- Khairozzaman, A.E.Md see Md Khairozzaman, A.E.
- Khait, V.M. see Gutkin, A.A. 1-7742
- Khait, Y.L. Further development of the kinetic many-body concept of large energy fluctuations and rate processes in solids 1-5220
- Khait, Y.L. Kinetic aspects and some applications of diffuse gas discharges in turbulent flows 1-42236
- Khait, Y.L., Inspektor, A., Avni, R. The dependence of coating in inductive RF plasmas on gas flow velocity, pressure and RF power 1-12672
- Khaizer, Kh. see Berzin', Ya.Ya. 1-45453
- Khakhaev, A.D. see Gostev, V.A. 1-1381
- Khakhanashvili, O.G. see Abagyan, S.A. 1-31023
- Khakimov, A. Desorption of Cs ions from W (112) 1-30546
- Khakimov, E.M. see Fomin, V.M. 1-15438
- Khakimov, S.Kh. see Bugorski, A.P. 1-18653
- Khakman, S. see Angelov, N. 1-18689
- Khakoo, M.A., Newell, W.R., Smith, A.C.H. Electron impact excitation of the $^3\text{P}-^3\text{S}$ transition in atomic oxygen 1-15013
- Khakoo, M.A. see Newell, W.R. 1-24271
- Khalafulla, S.E. see Pahlman, J.E. 1-3960
- Khalatnikov, I.M., Lebedev, V.P. Hamiltonian equations of hydrodynamics of quantum liquid in the presence of solitons 1-11937
- Khalatov, A.A. Turbulent viscosity of swirled flow in a stationary pipe 1-15550
- Khalatov, A.A. see Shchukin, V.K. 1-11464
- Khaldeev, G.V. see Oletin, G.I. 1-48431
- Khaldeeva, N.A. see Berezin, V.M. 1-37057
- Khalefa, B.A., Hegazy, A.S. Optimum inclination of linear reflectors 1-17167
- Khalifin, I.B. see Artamonov, L.V. 1-25604
- Khalid, Z.M., Becker, M. Incorporation of NEM-type methods in a general response matrix modal simulator 1-50734
- Khalid, Z.M., Becker, M., Harris, D.R. Influence of axial node size on modified coarse-mesh nodal methods 1-23745
- Khalid, Z.M., Jr. see Lahey, R.T. 1-50814
- Khalifa, F.A. see Ahmed, A.A. 1-20393
- Khalikov, G.A. see Verigin, N.N. 1-38006

- Khalikov, R.K.** see Vorob'ev, V.N. 1-26234
- Khalil, A.** see Kamel, M.M. 1-48787
- Khalil, A.M.** see Heidemann, R.A. 1-36589
- Khalil, M.A.K.** see Rasmussen, R.A. 1-17332, 1-40168
- Khalil, M.F.** Thermo-fluid analysis of a cylindrical solar heat absorber 1-17262
- Khalil, Z.H.** see Aly, M.M. 1-21712
- Khalilov, A.D.** see Burkov, V.I. 1-43099
- Khalilov, V.O.** see Tagiev, B.G. 1-47660
- Khalilov, Kh.Ya.** see Guseinov, G.D. 1-47026
- Khalilov, L.M.** see Zaez, E.E. 1-33480
- Khalilov, R.I.** see Gol'dfel'd, M.G. 1-17357
- Khalilov, V.Kh.** Pivovarov, S.S. Fundamental-absorption edge in vitreous silicas containing impurity iron 1-16591
- Khalilov, V.R.** see Ternov, I.M. 1-29200
- Khalimov, G.G.** see Galullin, R.G. 1-14467
- Khalilullin, G.G.** see Garifullin, I.A. 1-47944
- Khalik, A.V.** see Nesterenko, V.O. 1-18546
- Khalilach, I.S.** see Gorelik, S.S. 1-16782
- Khalimachov, V.V.** Ilyukhin, V.V., Soldatov, E.A., Kuz'min, E.A., Belov, N.V. Allowance for symmetry in the algebraic method of determining atomic coordinates and interatomic vectors 1-25190
- Khalisa, S.J.S.** The limitations on stress parameterization imposed by intermittency in turbulent flow 1-13506
- Khalisa, S.J.** Singh see Singh Khalsa, S.J.
- Khameshara, S.M.**, Sisodia, M.L. Relaxation times of aniline derivatives in cyclohexane and 1:4 dioxane 1-43064
- Khamid, S.A.** see Zhukovskii, V.Ch. 1-3527
- Khamraev, I.Kh.** see Belousov, V.V. 1-49244
- Khan, A.R.**, Brown, I.J., Brown, M.A. The behaviour of capacitance displacement transducers using epoxy resin as an electrode-guard ring spacer 1-18210
- Khan, A.R.** see Ahmad, I. 1-18517
- Khan, A.S.** On reflected and transmitted stress waves at an elastic-plastic boundary 1-6791
- Khan, A.S.** see Barrett, C.A. 1-48569
- Khan, E.B.** see Doggoshanskii, Yu.N. 1-7873
- Khan, E.U.** see Coffield, R.D. 1-23729
- Khan, F.M.** see Williamson, J.F. 1-44010
- Khan, F.S.**, Allen, P.B. Numerical test of approximate theories of the superconducting transition temperature 1-34822
- Khan, G.M.**, Saleem, M., Butt, P.K. Measurement of Gibbs free energy using dual electrochemical cells 1-11883
- Khan, H.A.**, Khan, N.A. Fast neutron dosimetry using a CR-39 plastic track detector 1-28799
- Khan, H.A.**, Khan, N.A. A new plastic track detector for fast neutron dosimetry 1-37056
- Khan, H.A.**, Tress, G., Vater, P., Brandt, R. Some registration properties of muscovite mica track detector used in heavy-ion reaction studies 1-10600
- Khan, I.** see Unwin, R. 1-33500
- Khan, M.** see Chakraborty, B. 1-24977
- Khan, M.A.** The Debye-Waller effect on the forbidden gap in cuprous halides 1-20626
- Khan, M.A.**, Bogart, T.J., Kruse, P.W., Ready, J.F. Noncollinear phase-matched four-photon mixing in $\text{Hg}_{0.77}\text{Cd}_{0.23}\text{Te}$ 1-11046
- Khan, M.A.**, Parlebas, J.C., Demangeat, C. Electronic structure and ordering of hydrogen in FCC transition metals 1-38746
- Khan, M.A.** see Demangeat, C. 1-47562
- Khan, M.A.** see Gross, J.G. 1-42687
- Khan, M.G.** see Fedorov, V.N. 1-3779
- Khan, M.I.** see Kahn, M.N. 1-7758
- Khan, M.I.** see Khan, M.N. 1-38874
- Khan, M.Javed** see Javed Khan, M.
- Khan, M.N.**, Khan, M.I., Hogarth, C.A. Electrical properties of GeO_2 films 1-38874
- Khan, N.A.** see Khan, H.A. 1-28799, 1-37056
- Khan, N.M.S.** see Reshotko, E. 1-42035
- Khan, P.** see Daskhan, M. 1-46128
- Khan, P.J.** see Ball, J.A.R. 1-1437
- Khan, S.A.** see Singh, S.K. 1-50590
- Khan, S.A.**, Johns, M.W. The high spin states in ^{147}Tb excited by the $(\text{Li}, 3n)$ reaction 1-18534
- Khan, Z.A.**, Whitelaw, J.H. Mean velocity and concentration characteristics downstream of rows of jets in a cross-flow 1-24859
- Khan, Z.A.**, Whitelaw, J.H. Vector and scalar characteristics of opposing jets discharging normally into a cross-stream 1-29742
- Khan, Z.A.** see Rahimullah, K. 1-10682
- Khan, Z.U.** see Charles, M.W. 1-1044
- Khan Ken Mo** see Vylvot, T. 1-45422
- Khandaghal, S.S.** see Selvam, A.M. 1-9229
- Khandelwal, D.P.** see Tayal, V.P. 1-34429
- Khandelwal, P.K.**, Heiman, P.W., Silversmith, A.J., Wakefield, T.D. Surface flow detection in structural ceramics by scanning photoacoustic spectroscopy 1-35454
- Khandetskii, V.S.** see Arsh, E.I. 1-18209
- Khandozhko, A.G.**, Ermakov, V.N., Slyn'ko, E.I. Generator for sweeping of magnetic field in broad-line NMR spectrometers 1-40831
- Khandpur, R.S.** see Natarajan, T.R. 1-32212
- Khandpur, S.L.**, Kant, R. Magnetohydrodynamics fluctuating flow between two porous plates with variable suction 1-6875
- Khandros, L.G.** see Koval', Yu.N. 1-43336
- Khandros, L.I.** see Bratus', V.Ya. 1-34925
- Khandros, L.I.** see Shtrum, E.L. 1-34712
- Khang, F.A.R.EI** see El Khang, F.A.R.
- Khanin, S.D.** see Bryksin, V.V. 1-20889
- Khanin, V.M.** Flow of a jet past a smooth contour 1-2044
- Khanikhasaev, M.Kh.** see Belyaev, V.B. 1-10251
- Khanikov, S.I.** see Ermakov, B.A. 1-41715
- Khanna, K.M.**, Mehrotra, S.N. Calculation of thermodynamic functions and fluctuations in the ground-state particle number for interacting bosons 1-11928
- Khanna, K.M.**, Phukan, A.N., Sarmah, N.C. Hydrodynamics of persistent mass currents 1-7404
- Khanna, K.M.** see Sinha, V.K. 1-53191
- Khanna, K.N.** Exchange and correlation effects on the lattice dynamics of simple metals 1-11825
- Khanna, K.N.** Thermodynamic properties of liquid metals 1-46988
- Khanna, M.P.** see Pandit, P.N. 1-50425
- Khanna, M.P.** see Singh, C.P. 1-45285, 1-50374
- Khanna, R.K.**, Sun, M.-H. Near infrared spectra of some hydrogen bonded solids (inter- and intra-proton tunneling) 1-26184
- Khanna, R.N.**, Rathore, R.P.S. Improved versions of Fiełek model for BCC transition metals 1-7273
- Khanna, R.N.**, Rathore, R.P.S. A modified Fiełek model and phonon dispersion in BCC transition metals 1-38480
- Khanna, R.N.**, Rathore, R.P.S. Cauchy discrepancy in non-simple cubic metals 1-47035
- Khanna, S.K.** see Brill, J.W. 1-47625
- Khanna, S.K.** see Congdon, W.I. 1-12778
- Khanna, S.K.** see Yen, S.P.S. 1-16620
- Khanna, S.N.**, Cyrot-Lackmann, F. On the bulk and surface electronic structure of amorphous transition metals 1-30618
- Khanna, S.N.**, Cyrot-Lackmann, F., Hicter, P. On the entropy of mixing of liquid transition metal based alloys 1-30389
- Khanna, S.N.**, Cyrot-Lackmann, F., Hicter, P. Electronic contribution to the entropy of mixing of liquid transition metal based alloys 1-30398
- Khanna, S.N.**, Sherrington, D. Computer simulation of an amorphous antiferromagnet 1-30900
- Khanna, Y.P.** see Patel, G.N. 1-15785, 1-52297
- Khananov, Sh.Kh.** Kinetics of stress relaxation and conditions for quasibrittle crack propagation 1-30312
- Khanonlainen, A.K.** see Kruglov, S.I. 1-13311
- Khanov, V.A.**, Koronkevich, V.P. Analysis of measuring methods entailing laser interferometers 1-14099
- Khanov, V.A.** see Mashinskii, E.I. 1-49402
- Khantais, B.G.** see Aparisi, R.R. 1-17151
- Khantuleva, T.A.** see Rodionov, A.A. 1-11409, 1-15862
- Khapaev, A.M.** see Ternov, I.M. 1-51352
- Khapalyuk, A.P.** see Gerasimova, I.A. 1-46392
- Khapilova, T.A.** see Gol'derman, M.A. 1-12951
- Khapiu, Y.B.** see Semin, A.G. 1-9290
- Kharadze, E.K.** Contributions and prospects for spectral classification of stars with objective prism techniques 1-49531
- Kharadze, G.A.** see Maznik, S.M. 1-30508
- Kharakhshyan, E.G.** see Garifullin, I.A. 1-47944
- Kharatyan, S.L.** see Agababyan, E.V. 1-13007
- Kharaz, D.J.** see Chechekin, A.V. 1-52208
- Kharchenko, G.E.**, Isichenko, E.P., Lazarenko, M.A. The problem of predicting earthquakes in the Ukraine and ways of its solution 1-27084
- Kharchenko, M.A.** see Ivakhnik, V.V. 1-1648
- Kharchenko, N.I.** see Veinberg, V.B. 1-4350
- Kharchenko, V.A.** see Yarmolyuk, N.I. 1-25331
- Kharchenko, V.K.** see Borisenko, V.A. 1-12824
- Kharchenko, V.K.** see Lebedev, A.A. 1-31623
- Kharchenko, V.K.** see Yudkovskii, S.I. 1-43384
- Kharchenko, V.N.** see Zverev, V.N. 1-51997
- Kharchenkov, V.P.** see Bulkin, A.P. 1-23918
- Kharachilava, A.I.** see Javrishevii, A.K. 1-23951
- Khare, A.** Can upslon and charmonium spectra really be fitted by a common potential $A + Br^2$? 1-33158
- Khare, A.** see Behara, S.N. 1-8016, 1-17994, 1-28187
- Khare, A.** see Joshi, P. 1-23475
- Khare, M.L.** see Shrivastava, R. 1-26116
- Khare, M.L.** see Shrivastava, V.K. 1-31081
- Khare, M.L.** see Vairiyar, M. 1-39027
- Khare, P.**, Ashutosh Mishra, S.S., Bharti, P., Gupta, R.C. Broad line proton magnetic resonance investigations on solid semi-carbazide hydrochloride 1-31038
- Khare, P.**, Gupta, R.C. Application of broad line NMR technique to the study of aldehyde group rotation in organic solids 1-16487
- Khare, P.**, Gupta, R.C. NMR study of 3,4-dimethoxy benzoic acid 1-31041
- Khare, P.** see Singh, R.K. 1-42337
- Khare, P.L.** see Edelbadkar, V. 1-6194
- Khare, R.K.** see Rajan, R. 1-11887
- Khare, R.P.** see Kor, S.K. 1-38472
- Khare, S.P.**, Raj, D. Critical points for elastic scattering of electrons by light atoms 1-24250
- Khare, S.P.** see Jhanwar, B.L. 1-19183
- Khare, S.P.** see Kaushik, Y.D. 1-19161, 1-22561
- Khare, V.**, Fitz, D.E., Kouri, D.J. Effect of phase and orbital wave parameter choices on CS and IOS degeneracy averaged differential cross sections 1-6364
- Khare, V.** see Fitz, D.E. 1-10811
- Khare, V.** see Jellinek, J. 1-12972
- Kharigaiti, T.** see Selivanov, V.M. 1-36995
- Kharimono, T.V.** see Mazets, E.P. 1-9731
- Kharin, A.S.** see Tyutikov, A.M. 1-53023
- Kharionovskii, Yu.S.** see Chashchin, S.P. 1-20814
- Kharisova, N.M.** see Buevich, Yu.A. 1-15539
- Kharitonov, A.V.**, Tereshchenko, V.M., Knyazeva, L.N., Boiko, P.N. Calibration of the spectra of selected stars. I. Vega 1-13771
- Kharitonov, F.Ya.** see Maslennikova, G.N. 1-31389
- Kharitonov, O.M.** see Sollogub, V.B. 1-22281, 1-27104
- Kharitonov, V.D.** see Geras, S.V. 1-30990
- Kharitonov, Yu.A.** see Stepanov, E.A. 1-3959
- Kharitonov, Yu.I.** see Band, I.M. 1-10699
- Kharitonova, A.I.**, Shapiro, B.I., Bogomolov, K.S. The efficiency of spectral sensitization of fine grain emulsions 1-28100
- Kharitonova, A.I.** see Elkhov, V.A. 1-23353
- Kharitonova, T.A.** see Gorlov, Yu.P. 1-12687
- Kharitonova, L.A.** see Buinov, N.N. 1-30228
- Kharitonovskii, S.Ya.** see Pogorelyi, A.N. 1-52874
- Kharizanov, P.S.**, Iordanov, I.A., Dzhambazis, K.Ya. DRK-101 oxygen analyser and regulator 1-48761
- Kharizanov, P.S.**, Iordanov, Y.A., Krustev, S.D., Dzhambazis, K.Ya. Circuit for temperature compensation in four-electrode measurement of the conductivity of solutions 1-50154
- Khar'kov, Yu.I.** The problem of cationic disorder in AgRbI solid electrolyte 1-38533
- Khar'kov, Yu.I.** see Gurevich, Yu.Ya. 1-11903
- Khar'kov, A.A.** Regularization of the energy-momentum tensor and particle production in a strong varying gravitational field 1-40700
- Khar'kov, V.D.** see Kuptsov, V.M. 1-37983
- Kharlamov, A.I.**, Aleshin, V.G. Surface state of compounds of d-metals with nitrogen boron, and silicon 1-53045
- Kharlamov, A.I.** see Nemoshkalenko, V.V. 1-30630
- Kharlamov, B.M.** see Koloshnikov, V.G. 1-14957
- Kharlamov, M.P.** An exact solution of the problem of the motion of a gyroscope in a Cardan suspension 1-18000
- Kharlamov, O.I.** see Kirillova, N.V. 1-26768
- Kharlamov, S.P.** see Adamovich, M.I. 1-45317
- Kharlamov, S.P.** see Fiorino, A. 1-50583
- Kharlamov, Yu.A.**, Hassan, M.S., Anderson, R.N. Electron-microscopic investigation of powder particles spray deposited onto a solid surface 1-21387
- Kharlamova, A.N.** see Volod'ko, L.V. 1-53758
- Kharlamova, V.A.** see Tymyanskiy, Ya.R. 1-6551
- Kharoo, H.L.**, Gupta, O.P. Temperature variation of Debye-Waller factors in molybdenum and tungsten 1-47204
- Khangiladze, A.F.** see Evdokimova, L.V. 1-22647
- Khas, Z.** see Pasternak, J. 1-31191
- Khasanov, A.Kh.** see Duglav, A.V. 1-34933
- Khasanov, F.N.** see Vorob'ev, V.N. 1-26234
- Khasanov, O.Kh.** Light pulse propagation in a resonant nonequilibrium medium 1-19379
- Khashimov, F.R.** see Garnak, A.E. 1-15895
- Khasilev, V.Ya.** see Mikhailievskii, V.S. 1-33668
- Khasin, A.V.** see Zhdan, P.A. 1-31303
- Khasin, I.S.** see Kupriyanov, A.S. 1-9978
- Khasysaev, B.D.** see Kneller, V.Yu. 1-28028
- Khasyanov, A.F.** see Aleksandrov, Yu.N. 1-13717
- Khatamian, D.**, Kamitakahara, W.A., Barnes, R.G., Peterson, D.T. Crystal structure of $\text{YD}_{1.98}$ and $\text{YH}_{1.98}$ by neutron scattering 1-20140
- Khatamian, D.**, Stassis, C., Boudry, B.J. Location of deuterium in α -yttrium 1-38333
- Khatamian, D.** see Kamitakahara, W.A. 1-20462
- Khativich, V.I.** see Vistin', L.K. 1-2325
- Khatib-Rahbar, M.** see Agrawal, A.K. 1-41159
- Khatib-Rahbar, M.** see Guppy, J.G. 1-50809
- Khatlak, G.D.** see Nagata, S. 1-16455
- Khattri, K.**, Vig, P.K., Rao, N.D.J. An optimized technique for determining stacking velocity from seismic reflection data 1-54260
- Khattri, K.N.** see Nair, N.G.K. 1-53526
- Khatyrev, N.P.** see Elisseev, P.G. 1-5273
- Khaustov, G.V.** see Davidov, V.A. 1-1023
- Khavazha, F.A.**, Silonov, V.M. Influence of the s-d hybridisation on the dielectric constant of noble metals [liquid state] 1-26107
- Khavin, A.A.** Heat emission and resistance of bundles of finned tubes 1-6750
- Khawas, B.** X-ray study of L-isoleucine HCl, L- β -phenylalanine HCl and DL-methionine 2HCl 1-25243
- Khawas, B.** Unit cell and space group of L- β -phenylalanine 2HCl 1-25244
- Khayutin, Yu.D.** Device for measuring thermodynamic parameters of liquids 1-19557
- Khazai, B.** see Koentzer, J. 1-34741
- Khazanov, A.B.** see Rozhdensvenskii, V.N. 1-37570

- Khazanov, A.M. see Pokrovsky, L.A. 1-24386
 Khazanov, B.I. see Vaisberg, O.L. 1-9340
 Khazanov, G.V., Koen, M.A., Burenkov, S.I. Numerical solution of the kinetic equation for photoelectrons in the plasmasphere with consideration of free and captive zones 1-22574
 Khazanov, G.V. see Barayshchuk, V.I. 1-4670
 Khazanov, G.V. see Ivanov, V.B. 1-22616
 Khazanov, I.V. Nonlinear wave interactions in an acoustic resonator 1-51654
 Khazhinski, G.M., Sukharev, N.N. Use of the method of finite elements for the calculation of curvilinear tubes 1-51706
 Khazins, D.M. see Alekseev, G.D. 1-23952
 Khazins, D.M. see Alizade, V.V. 1-45289
 Khazins, V.M. see Markelova, L.P. 1-11563
 Khe, N.Chanh see Chanh Khe, N.
 Khefferlin, R. see Gorshkov, V.N. 1-33425
 Kheiker, D.M. see Anisimov, Yu.S. 1-14728, 1-45785
 Kheirallah, H.N., Segal, B., Olsen, R.L. Application of synthetic storm data to evaluate simpler techniques for predicting rain attenuation statistics 1-54162
 Kheloufi, K. see Azarian, A. 1-52172
 Khemani, L.T., Naik, M.S., Momini, G.A., Kachre, S.D., Selvam, A.M., Ramana Murty, B.V. A study of the gaseous and particulate pollutants in the environment of a thermal power plant project area 1-21954
 Khen Mo Khan see Khan Khen Mo
 Khera, S.K., Schwaiger, C., Ullmaier, H. The influence of stress on the early stages of void formation in a model stainless steel 1-11792
 Khera, S.K. see Patil, R.V. 1-52365
 Khersonskii, V.K., Varshalovich, D.A. The possibility of observing recombination lines in solar radiation 1-44529
 Khersonskii, V.K. see Varshalovich, D.A. 1-23572
 Khetarpal, K. see Singh, M.P. 1-4242
 Khetrapal, C.L., Chatterjee, C.L., Yeh, H.J. NMR spectra of oriented biologically important molecules. The structure and conformation of *n*-methylimidazole 1-28995
 Khider, M.A. see Abdel-Gaid, M.A. 1-42073
 Khidiyator, A.M., Maslov, V.E., Berezyuk, A.S., Kachinskii, A.Yu. Investigation of the furnace process and introduction of commercial combustion of low-grade Bikin coal 1-31979
 Khidiyator, A.M. see Ivanov, A.G. 1-31976
 Khidir, M.A., Abdel-Gaid, M.A. Cylindrical Couette flow with heat transfer of rarefied gas and porous surface 1-19756
 Khien, T. Van see Van Khien, T.
 Khien Tham Tran see Tran Khien Tham
 Khil'chevskii, V.V. see Vizerskaya, G.E. 1-31625
 Khilo, N.A. see Shepelevich, V.V. 1-6452
 Khilo, P.A. see Bokut', B.V. 1-7267
 Khim, Z.G. see Wolf, E.L. 1-30887
 Khiminets, V.V., Puga, P.P., Rosola, I.I., Puga, G.D., Chepur, D.V. Glass formation and the Raman spectra of glasses in the system Hg-As-S-I 1-34239
 Khiminets, V.V. see Bykovskii, Yu.A. 1-6694
 Khimmatkulov, F., Singer, V.V., Rabovskii, I.Z., Gel'd, P.V. Magnetic susceptibility of Co-Cr and Co-Mn alloys at elevated temperatures 1-12257
 Khimyy, I.V. see Predolyak, N.A. 1-1438
 Khint, I.A. see Distler, G.I. 1-30308
 Khirnyi, V.F. see Ivanchenko, Yu.M. 1-42926
 Khirnyi, V.F. Simple cryostat for obtaining a temperature down to 0.3K 1-44927
 Khirseli, E.M., Tsintsadze, N.L. Non-linear waves in a two-temperature electron plasma 1-24964
 Khitarov, N.I. see Kuskov, O.L. 1-7255
 Khitrov, V.N. see Efimov, A.M. 1-43090
 Khitrov, V.V., Katarzhov, Yu.I. Effect of the arrangement of the reinforcement on the load-bearing capacity of compressed wound rods 1-31629
 Khizhnyak, A., Kondilenko, V., Kremenitski, V., Odoulov, S., Soskin, M. Degenerate four-wave mixing in nonlinear media with local response: free carrier and space charge gratings, strong coupling 1-19386
 Khizhnyak, A.I. see Mizurukhin, L.V. 1-1523
 Khizhnyak, A.I. see Nikitin, V.I. 1-8132
 Khizhnyak, A.I. see Odulov, S.G. 1-29238
 Khizhnyak, A.I. see Reznikov, M.G. 1-6586
 Khizhnyak, A.I. see Sidorov, S.V. 1-33061
 Khizhnyak, N.A. see Aleksandrova, A.A. 1-24892
 Khizhnyak, N.A. see Nerukh, A.G. 1-38112
 Khizhnyak, N.A. see Papkovich, V.G. 1-51001
 Khizhnyakov, V., Khaas, M. Hot nuclear fluorescence induced by synchrotron radiation 1-23641
 Khizhnyakov, V. see Rebane, I. 1-26215
 Khizhnyakov, V.V. Theory of resonant secondary emission by luminescence centers 1-12557
 Khizhnyakov, V.V. see Khaas, M.A. 1-26099
 Khlaif, L. see Sousa, J.B. 1-12269
 Khelebnikov, F.P. see Gorshkov, V.A. 1-11192
 Khelebnikov, S.Ya. see Artsarkin, V.A. 1-21000
 Khelestrovo, V.G. see Kadenskii, S.G. 1-45486
 Khelestov, N.G. see Sirotka, A.I. 1-29213, 1-33619
 Khelestova, M.B. see Bakhrakh, L.E. 1-15067
 Kheskova, T.N. see Eliseev, P.G. 1-5273
 Khlitun, I.N. see Cheremskoy, P.G. 1-47418
 Khloubystov, V.V. Problem of eliminating ambiguities in phase measurements 1-50151
 Khlomov, V.S. see Gubenko, S.I. 1-16870
 Khlomov, V.S. see Gurov, K.P. 1-11897
 Khlupkin, M.N. see Panova, G.Kh. 1-12093
 Khlupkin M.N. see Savitskii, E.M. 1-47777
 Khlopotunova, N.A. see Yaver, V.R. 1-37754
 Khlupov, M.Yu. On relic $\bar{\nu}$ -matter 1-40587
 Khlupov, M.Yu. Fractionally charged particles and the non-emergence of quarks 1-50397
 Khlupov, M.Yu., Petrov, S.T. Possible cosmological effect of CP-violation in neutrino oscillations 1-50361
 Khlupov, M.Yu., Polnarev, A.G. Primordial black holes as a cosmological test of grand unification 1-22935
 Khlupov, M.Yu. see Gershtein, S.S. 1-36858
 Khlupov, M.Yu. see Martem'yanov, B.V. 1-18468
 Khludkov, S.S., Tolbanov, O.P. Current-voltage characteristics of S-type GaAs:Cr diodes with negative resistance under reverse bias 1-47740
 Khluyustikov, I.N. see Khaikin, M.S. 1-52688
 Khmara, Yu.I. see Tsaturyants, A.B. 1-2600
 Khmelenko, T.P. see Pitak, N.V. 1-12701
 Khmel'nitskii, A.I. see Volod'ko, L.V. 1-4251, 1-53758
 Khmel'nitskii, D.E. see Efetov, K.B. 1-5547
 Khmel'nitskii, G.S. see Samokhvalov, I.V. 1-53740
 Khmel'nitskii, D. see Altshtul, B.L. 1-25685
 Khodadad, P. see Viossat, B. 1-47071
 Khodadoust, A.A. see Callisen, H.H. 1-9026
 Khodai, A. see Ho, H. 1-14536
 Khodakov, G.S. see Solov'ev, A.I. 1-1737
 Khodakovskaya, R.Ya., Abdrashitova, E.I., Pavlushkin, N.M., Donskaya, T.D., Ellern, G.A. Effect of small additions of tin on the crystallization of glasses in the $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2-\text{TiO}_2$ system. [BSR studies of γ irradiated glasses] 1-52829
 Khodan, A.N. see Tsirlin, M.S. 1-39522
 Khodasevich, V.V. see Gumanski, G.A. 1-52190
 Khodasevich, V.V. see Wagner, N. 1-26364
 Khodel, V.A., Saperstein, E.E. Self-consistent theory of finite Fermi systems and low-lying collective states in spherical nuclei. II 1-10297
 Khodel, V.A. see Kurilin, N.N. 1-18588
 Khoder, A., Bonjour, E., Couch, M. Simultaneous two-mode ultrasonic excitation, by means of disordered CdS layers 1-25376
 Khodes, I.I. see Myshlyayev, M.M. 1-12848
 Khodinskii, A.N. Mechanism for adjusting Fabry-Perot interferometers 1-10014
 Khodos, E.B. see Bulanin, M.O. 1-29045, 1-33510
 Khodos, I.I. see Myshlyayev, M.M. 1-48419
 Khodos, M.Ya., Fotiev, A.A. Specific heat and entropy of vanadium oxide bronze $\text{Na}_{2.7}\text{V}_2\text{O}_{16}$ of type κ 1-38549
 Khodos, M.Ya., Kourov, N.I., Fotiev, A.A., Volkov, V.L. Specific heat and entropy of alkaline earth oxide-vanadium bronzes of type β 1-7347
 Khodos, M.Ya., Pletneva, E.D., Kourov, N.I., Volkov, V.L. Specific heat and entropy of oxide vanadium bronzes $\text{M}_{0.27}\text{V}_2\text{O}_6$ 1-38548
 Khodos, M.Ya., Slobodin, B.V., Fotiev, A.A., Arapova, I.A., Yakhilevich, F.M. Enthalpy of formation of potassium vanadates 1-53453
 Khodos, M.Ya., Slobodin, B.V., Surat, L.L., Fotiev, A.A. Standard enthalpies of formation of the bronze $\text{Na}_{2+x}\text{V}_2\text{O}_{16-y}$ of type κ 1-53454
 Khodosov, E., Kozhukhar', A.Yu., Netsvetov, V.I. Dynamic collapse of a magnetic bubble lattice 1-25998
 Khodosov, E.F., Kononov, A.F., Netsvetov, V.I. Dynamic properties of domain walls in $(\text{YSm})_2(\text{FeGa})_2\text{O}_{12}$ garnet epitaxial film 1-38955
 Khodyachikh, A.F., Yatsset, P.I., Dogyust, I.V., Zolensk, V.A., Kirichenko, V.V. Correlated np pairs from the p shell of the carbon nucleus 1-10379
 Khodyko, L.A. see Gud'z, E.S. 1-43274
 Khodyko, Yu.V. see Katkovsky, L.V. 1-9949
 Khodyko, Yu.V. see Kuznetsov, N.M. 1-24842
 Khodyrev, Yu.P., Baranova, R.V., Imamov, R.M., Semiletov, S.A. Features of the synthesis of thin films of transition metal hydrides 1-7486
 Khodzhaev, A.N. see Aleksan'yan, T.M. 1-36187
 Khodzhibagyan, H.G. see Agapov, N.N. 1-6063
 Khoe, G.-d., Kuyt, G., Luijendijk, J. Automatic fabrication of optical fiber ends: perpendicular fracture mirrors in glass fibers, coated glass fibers and plastic-clad fibers 1-11211
 Khoe, G.D., Kuyt, G., Luijendijk, J.A. Optical fiber end preparation: a new method for producing perpendicular fractures in glass fibers, coated-glass fibers, and plastic-clad fibers 1-46598
 Khoika, M. see Grigoryan, Yu.I. 1-38082
 Khoikbergs, L.Ya. see Mikelson, Y.A. 1-48494
 Khokhlov, V.D. see Vagin, Yu.P. 1-24348
 Khokhlaicheva, N.M., Paderno, V.N., Shilovskaya, M.E., Tolstaya, M.A. Properties of fine metal powders produced by the formate pyrolysis method 1-39275
 Khokhlaicheva, N.M. see Tolstaya, M.A. 1-39283
 Khokhlatova, L.B. see Kolobnev, N.I. 1-48391
 Khokhlov, A.F., Mashin, A.I. Electrical conductivity and electron spin resonance of silicon made amorphous by ion implantation 1-20744
 Khokhlov, A.R. Theory of the polymer chain collapse for the d-dimensional case 1-51329
 Khokhlov, N.P. see Bakhrakh, S.M. 1-53231
 Khokhlov, O.I. see Kononenko, G.V. 1-31398
 Khokhlov, V.A. see Derkachenko, V.N. 1-25941
 Khokhlova, N.M., Moler, A.I., Glebova, Z.S. New standardized urological endoscopes 1-4349
 Khokhlova, V.L. On the possible explanation of observed under-abundance of He in the atmospheres by Bp-stars 1-22823
 Khokhryakov, V.F. see Filimoncheva, P.I. 1-999
 Khokle, W.S. see Gupta, R.P. 1-48167
 Kholer, S.R. see Belogolovtsev, G.I. 1-2217
 Kholin, N.N. see Kozin, N.S. 1-41953
 Kholina, E.N., Ufimtsev, V.B., Timoshin, A.S. Physicochemical characteristics of interaction of components in the system $\text{CuInSe}_2-\text{CuInS}_2$ 1-31432
 Kholina, E.N. see Prokhorov, V.A. 1-31323
 Kholmatov, T. Methods of solving a problem in stresses 1-29575
 Kholodard, G.A. see Vinetskii, V.L. 1-2435
 Kholodenko, B.N. Stabilization of the relative concentration of ATP and the invariants of regulation of the energy metabolism of the red blood cell 1-39897
 Kholodilov, A.A. see Ashurly, Z.I. 1-33712
 Kholodkevich, S.V. see Bogomolov, V.N. 1-26265, 1-39145
 Kholodnov, V.A. see Lalaeva, T.G. 1-25759
 Kholodnov, V.A. see Neustroev, L.N. 1-20808
 Kholodnyi, L.P. see Yarmolyuk, N.I. 1-25331
 Kholodnykh, A.I. see Ivanova, Z.I. 1-6617
 Kholodnykh, A.I. see Pryaklin, V.I. 1-33764
 Kholodov, A.I. see Baikova, G.G. 1-50141
 Kholopov, E.V. Molecular field of deformational nature 1-16009
 Kholopov, G.K. Radiation from 'two-dimensional' models of an absolute blackbody at various surrounding temperatures 1-5255
 Kholopov, G.K. see Pavlyukov, A.K. 1-36747
 Kholpanov, L.P. see Kuvrt, Yu.P. 1-46799
 Kholshchikov, K.V. see Sokolov, L.I. 1-13676
 Kholtygin, A.F. Interconfiguration transitions of C III , N IV , O V in the spectra of Wolf-Rayet stars 1-36294
 Kholtygin, A.F. see Nikitin, A.A. 1-54600
 Kholuyarov, G.F. see Kalinina, E.V. 1-30813
 Kholuyakov, V.V. see Kaz'miruk, A.I. 1-26688
 Khoma, M.S. see Krokhmal'nyi, A.M. 1-26678
 Khomenko, A.V. see Petrov, M.P. 1-33797
 Khomenko, G.E. see Grigor'ev, O.N. 1-36868
 Khomenko, G.E. see Kosachev, L.S. 1-39378
 Khomenko, O.A., Sazykina, A.V., Tarnovskii, G.A. Effect of cobalt on the physicochemical properties of precipitation-hardening Elinvars 1-43397
 Khomenko, V.I. see Sollogub, V.B. 1-22281
 Khomenko, V.S. see Kuznetsova, V.V. 1-19086
 Khomich, A.A. see Shevchenko, N.G. 1-626
 Khominskii, V.A. see Rikenglaz, L.E. 1-11296
 Khomitskii, Yu.N. see Isaev, A.N. 1-53349
 Khomskii, A.P. see Glezer, A.M. 1-8344
 Khomskii, D.I. see Kugel', K.I. 1-7536
 Khomyak, Yu.M. Deformation by rigid circular stringer of unbounded sheet on linearly strained base 1-11298
 Khomyakov, A.N. see Karlikov, V.P. 1-29740
 Khomyakov, A.P. see Krutik, V.M. 1-2415
 Khonichev, V.I., Yakovlev, V.I. Motion of a plane plate of finite width in a viscous conductive liquid, produced by electromagnetic forces 1-46820
 Khoo, S.K. see Emsley, J.W. 1-42290
 Khoo, T.L. Some questions on the Coriolis force, the structure of rotational states and the IBM 1-618
 Khoo, T.L. Yrast spectroscopy: status of yrast isomers, oblate shapes and feeding of yrast states 1-45388
 Khopin, V.F. see Gur'yanov, A.N. 1-51629
 Khorani, S. see Selivanov, V.M. 1-36995
 Khorev, A.I. Microalloying of titanium alloys 1-16844
 Khorev, V.M. see Artamonov, A.S. 1-23893
 Khoroshavin, L.V. see Adil'baev, M.K. 1-12907
 Khoroshilov, V.N. see Kotov, I.I. 1-31624
 Khoroshkov, Yu.A. Structure of skeletal muscle as a biomechanical system 1-17438
 Khorozov, S.A. see Aksinenko, V.D. 1-18662
 Khorozov, S.A. see Bartke, E. 1-5664
 Khorpyakov, O.T. see Antonova, M.M. 1-30549
 Khoshaim, B. see Imamura, M.S. 1-53622
 Khoshiev, I.M. Theory of a ring laser with a variable-sing frequency bias 1-6583
 Khoshiev, I.M. Frequency characteristic of ring laser with a combination frequency pedestal 1-15196
 Khosla, P.K. see Ramakrishna, K. 1-29696
 Khotilovskaya, T.G. see Vernov, S.N. 1-4731
 Khotkevich, V.Y., Yanson, I.K. Oscillations of differential resistance of microscopic point contact in helium II 1-42592
 Khotkevich, V.I. see Lebedev, V.P. 1-20927

- Kbotzkin, V.I.** see Potaturkin, O.I. 1-6496
- Khovansky, V.** see Diddens, A.N. 1-14747, 1-23998
- Khovansky, V.** see Jonker, M. 1-10194, 1-14432, 1-45258
- Kboze, V.A.** see Azimov, Ya.I. 1-45279
- Khozhaiov, A.I., Fedorov, A.L.** Effect of the toothed zone geometry of an armature on operating efficiency of an induction-type unipolar DC motor 1-33595
- Khramor, A.S.** see Bashkurov, Sh.Sh. 1-31071
- Khramova, M.A.** see Levitskii, N.P. 1-5304
- Khramtsov, V.A., Vetrov, V.A., Baranov, P.G.** Anisotropic tin and lead centers in NaCl and KCl crystals 1-3238
- Khramtsov, V.A.** see Baranov, P.G. 1-3260
- Khramtsova, S.A.** see Gertovich, T.S. 1-3419
- Khramtsova, V.I.** see Shklyarevskii, I.N. 1-6635, 1-29377
- Khrapak, A.G.** Conductivity of a weakly nonequilibrium multicomponent alkali-metal vapor plasma 1-15594
- Khrigian, A.Kh., Orlovskaya, G.V.** First artificial climate laboratory in USSR 1-44303
- Khripchenko, S.Yu.** see Zimin, V.D. 1-6903
- Khrplovich, I.B.** see Flambaum, V.V. 1-23571
- Khristakudis, G.** see Dimitrova, S. 1-42801
- Khristenko, L.V., Zenkin, A.A., Pentin, Yu.A., Tyulin, V.I.** Calculation of the reduced moment of inertia and estimation of the potential function for the hindered internal rotation in various methyl- and chloro-substituted vinylsilanes 1-6335
- Khristich, V.G.** Photometry of the galaxy NGC 1023 on composite photographs using the brightness distribution in neighbouring star images 1-13863
- Khristoforov, B.D., Divnov, I.I., Zotov, N.I., Karpov, O.P.** Experimental research on explosive-driven magnetic generator performance with resistive-inductive load 1-33025
- Khristoforov, B.D.** see Ignatov, A.A. 1-15930
- Khristoforov, O.B.** see Baranov, V.Yu. 1-33667
- Khristor, I.Ya.** see Rusev, D.S. 1-47904
- Khristor, Kh.D.** see Pandev, I.N. 1-27047
- Khristor, V.I.** see Jordanova, I.D. 1-23928
- Khristova, E.Kh.** see Bilen'kaya, S.I. 1-10225
- Khristova, M.G.** see Pandev, I.N. 1-27047
- Khrobostova, T.** see Tchijkov, V. 1-23280
- Khromov, G.S.** Galactic planetary nebulae and evolution of their nuclei 1-9624
- Khromov, O.I.** see Berlin, A.B. 1-17898
- Khromov, V.N.** see Kleyn, A.W. 1-14994
- Khromov, V.S.** see Sokolova, V.M. 1-11919
- Khromova, E.N.** see Derjaguin, B.V. 1-25468
- Khrulev, V.V.** see Vinyai, E.N. 1-17904
- Khrupa, V.I., Kislovsky, E.N., Datsenko, L.I.** X-ray scattering by elastic strained thin silicon crystals containing dislocation loops 1-20219
- Khrustalev, V.V.** see Kopyshv, V.P. 1-46854
- Khrutskaya, E.V.** A preliminary catalogue of geodetic stars (CGS) 1-13702
- Khuang Zong Nguen** see Nguen Khuang Zong
- Khubchandani, P.G.** see Ghosh, A. 1-9855
- Khuda, O.Z.** see Kulik, A.A. 1-46665
- Khudavardyan, A.G.** see Arustamyan, G.V. 1-18641
- Khudayakov, I.V., Kiryukhin, Yu.I., Yashenko, A.I.** Kinetics of geminate recombination of aromatic free radicals 1-4051
- Khudayakov, S.V.** see Druzhinin, A.A. 1-46144
- Khudzadze, A.M.** see Batyunya, B.V. 1-600
- Khudzadze, A.M.** see Boos, E.G. 1-5661
- Khue Nguyen Minh** see Nguyen Minh Khue
- Khukhareva, I.S.** see Dyachkov, E.I. 1-52696
- Khukhryanskii, Yu.P., Ermilin, V.N.** Molecular structure of solutions of phosphorus in indium 1-52041
- Khul, N.M.** Effect of weak hopping on the behavior of the one-dimensional box model 1-8026
- Khular, E., Kumar, A., Sharma, A., Goyal, I.C., Ghatak, A.K.** Modes in buried planar optical waveguides with graded-index profiles 1-46552
- Khulodurov, T.G.** see Vorozheikina, L.F. 1-51407
- Khulugurov, V.M.** see Parfianovich, I.A. 1-12542
- Khumalo, F.S., Hughes, H.P.** Reflection spectroscopy of ZrSe₂-type family of layer compounds in the vacuum ultraviolet region 1-3433
- Khumalo, F.S., Hughes, H.P.** Vacuum-ultraviolet reflectivity spectra of some α -NaFeO₂ layer-type compounds 1-21228
- Khundzhua, G.G., Andreyev, Ye.G., Budnikov, A.A.** Temperature inversion in a thin atmospheric layer above the water 1-54196
- Khun'Khbi Kha** see Tagirov, V.I. 1-20660
- Khurana, A.** see Hertz, J.A. 1-47898
- Khuri-Yakub, B.T.** see Chou, C.H. 1-11218
- Khurapova, T.V.** see Kudryashov, A.V. 1-32171
- Khusainov, A.Kh.** see Ponomarev, V.S. 1-48762
- Khusainov, B.G., Klimachev, A.F.** Investigation of the dynamic characteristics of float level gauges under temperature fluctuations 1-229
- Khusainov, B.G.** see Fatkullov, R.G. 1-228
- Khusainov, E.K.** see Aksinenko, V.D. 1-18662
- Khusid, B.M., Bendetskaya, S.L.** Heat transfer in flow of non-Newtonian fluids with temperature-dependent rheological properties 1-29675
- Khusid, B.M.** see Shashkov, A.G. 1-11403
- Khusid, B.M.** see Shul'man, Z.P. 1-11428, 1-29672
- Khusravov, D.** see Ivanov, N.R. 1-8006
- Khutornaya, L.A.** see Kondratenko, P.A. 1-20207, 1-31196, 1-35096
- Khutishevili, E.V., Kekua, M.G.** Polycrystallinity effect on the electrical properties of doped germanium 1-7610
- Khuukhenkhue, G.** see Popov, Yu.P. 1-10385
- Khvan Cher Gu** see Popov, A.B. 1-5757
- Khvator, L.A.** see Abramov, V.V. 1-31811
- Khvedelidze, A.G.** see Tsagareishvili, G.V. 1-20426
- Khveshuk, V.I.** see Zimin, A.M. 1-3964
- Khvesyuk, V.I.** see Grishin, Yu.M. 1-38174, 1-42144, 1-42238
- Khwaia, H.A., Walker, S.** Dielectric relaxation of some rigid polar molecules in a polystyrene matrix 1-39033
- Khyuk, A.** see Ben Brakham, A. 1-660
- Ki Byoung Youn** see Jae Hyun Oh 1-35408
- Ki Chuen Chak** see Chung, V. 1-32240
- Ki Dong Oh, Morikawa, H., Shin-ichi Iwai, Akao, M.** Topotactic thermal decomposition of magnesite 1-48373
- Ki In Han** Comparison of PWR and CANDU-PHWR safety 1-5901
- Ki Jae Cheon** An extension of Newton's equation of motion 1-40652
- Ki-Seon Lee** see Lee Ki-Seon
- Ki-Wan Kim** Properties of amorphous silicon films sputtered in argon-silane mixtures 1-12652
- Ki-Wan Kim** see Anderson, J.C. 1-43259
- Kiang, C.S.** see Patterson, E.M. 1-44248
- Kiang, G.C., Wang, C.W., Kiang, L.L.** Note on moments analysis for the delayed coincidence measurements 1-5734
- Kiang, G.C., Wang, D., Lin, E.K., Kiang, L.L., Cheng, B.** The excited states in ⁸²Kr by the β -decay of 35 h ⁸²Br* 1-5693
- Kiang, G.C., Wang, D., Wang, C.W., Lin, E.K.** A preliminary study on the excited states of ¹⁵⁴Gd nucleus 1-5694
- Kiang, G.C.** see Kiang, L.L. 1-5736
- Kiang, G.C.** see Wang, C.W. 1-5735, 1-5785
- Kiang, L.L., Hsu, C.C., Kiang, G.C., Wang, C.W.** The reduced E2 transition probabilities of the one phonon states to the ground states of even-even vibrational nuclei 1-5736
- Kiang, L.L.** see Kiang, G.C. 1-5693, 1-5734
- Kiang, L.L.** see Wang, C.W. 1-5735, 1-5785
- Kiang Yuan-Woei** see Yuan-Woei Kiang
- Kiang Yuan-Sun** Calculation of the determinant of the adjacency matrix and the stability of conjugated molecules 1-1062
- Kibble, B.P.** see Rayner, G.H. 1-9963
- Kibble, T.W.B.** Some implications of a cosmological phase transition 1-32790
- Kibedi, T.** see Aray, Z. 1-23937, 1-28414
- Kibler, M., Grenet, G.** The configuration dⁿ in cubic symmetry: a symmetry adapted weak field approach 1-16262
- Kibler, M., Grenet, G.** Towards a unification of crystal- and ligand-field theories 1-38756
- Kibler, M.** see Chatterjee, R. 1-52975
- Kibler, M.** see Grenet, G. 1-3491, 1-31192
- Kiblet, M.** see Gazeau, J.P. 1-14049
- Kiblik, V.Ya., Litovchenko, V.G., Litvinov, R.O.** Field-stimulated generation of surface states in irradiated metal-insulator-semiconductor structures 1-3043
- Kichae, Yu.P.** see Abramov, V.V. 1-29536
- Kichimi, H.** see Suzuki, A. 1-23524
- Kida, S.** see Tatsumi, T. 1-24769
- Kidachi, H.** Side wall effect on the pattern formation of the Rayleigh-Bernard convection 1-46749
- Kidawa, A., Nowak, M.** Some comments on polycrystalline Sb-S-I 1-26398
- Kidder, R.E.** see Harrach, R.J. 1-51968
- Kidger, M.J.** Optical design with desk-top computers 1-46503
- Kidger, M.J.** see Wornell, P.M.J.H. 1-46502
- Kidin, N., Medvedev, N., Vuillemoz, M., Roberts, J.** A spherically symmetrical model for sound emission from an oscillating arc in combustion flow 1-19988
- Kidnay, A.J.** see Miller, R.C. 1-9779
- Kido, G., Miura, N., Katayama, H., Chikazumi, S.** Technique for measuring magneto-optical spectra in ultrahigh magnetic field by means of an image converter camera 1-40872
- Kido, G.** see Miura, N. 1-48039
- Kido, K.** see Abe, M. 1-19528
- Kido, K.** see Hara, M. 1-19529
- Kido, K.** see Hashimoto, T. 1-28795
- Kido, G.** see Takebayashi, Y. 1-6720
- Kidoguchi, S.** see Fujii, M. 1-28519
- Kidyarov, B.I.** see Illarionov, A.I. 1-6601
- Kie-Hyung Chung** see Joon-Sung Chang 1-46384
- Kie-Hyung Chung** see Soon-Mo Hwang 1-46915
- Kiebele, U.** see Gubler, H.P. 1-28489
- Kiebele, U.** see Weber, R. 1-33216
- Kiedron, P.** Conditions sufficient for a one-dimensional unique recovery of the phase under assumption that the image intensity distributions $|f(x)|^2$ and $|f(x)/dx|^2$ 1-15085
- Kiedron, P.** Phase recovery from intensity distributions generated by differential operators in one-dimensional coherent imaging 1-19278
- Kiedrowski, H.W.** see Eschenauer, H. 1-9371
- Kiefer, J., Gocke, E., Koester, K.** Synthesis of inducible enzymes in irradiated yeast cells: Inhibition by ionizing radiation 1-13290
- Kiefer, J.** see Fingerhut, R. 1-13294
- Kiefer, J.H., Al-Alami, M.Z., Hajduk, J.-C.** Physical optics of the laser-schlieren shock tube technique 1-37591
- Kiefer, L.M., Voss, E.E., Kirschner, F.R., Weismiller, R.A., Kristof, S.J., Lund, L.J.** Application of multispectral data in developing a detailed soil survey of Ford County, Illinois 1-9160
- Kiefer, W.** see Laane, J. 1-33467, 1-37214
- Kieffer, L.J.** see Belanger, B.C. 1-23162
- Kiefl, R.F., Warren, J.B., Marshall, G.M., Oram, C.J., Clawson, C.W.** Muonium in the condensed phases of Ar, Kr, and Xe 1-37369
- Kiehl, J.T., Ko, M.W., Mugnai, A., Chylek, P.** Perturbation approach to light scattering by non-spherical particles 1-6479
- Kiehl, J.T.** see Chylek, P. 1-6481
- Kiehlmann, H.-D., Schmidt, W.** Superconvergence and the structure of current vortices 1-18401
- Kiehm, P.** see Bose, S.M. 1-43246
- Kiekbusch, A.** Investigations on an electrodynamic vibration generator 1-46688
- Kiekenap, G.** see Bethke, C. 1-11264
- Kiel, J.W.** Energy conservation in Colorado state owned buildings: concepts and strategies 1-35612
- Kielb, R.E., Han, L.S.** Vibration and buckling of rectangular plates under in-plane hydrostatic loading 1-6820
- Kielczewska, D.** see Abdrahmanov, E.O. 1-722
- Kielich, S.** Nonlinear refractive index and light scattering due to fluctuations of molecular multipole electric fields 1-6600
- Kielich, S.** see Fieck, Z. 1-41342
- Kielich, S.** see Szlachetka, P. 1-29337
- Kielkopf, J.F.** Measurement of the width, shift and asymmetry of the sodium D lines broadened by noble gases 1-6206
- Kielmann, J., Kowalik, Z.** A bottom stress formulation for storm surge problems 1-35991
- Kieniewicz-Badzan, T.** see Badzan, A.R. 1-32996
- Kienitz, H.** Laboratory analytical measurement technique - a survey. III. Methods caused by or according to transformation of matter 1-50116
- Kienle, P.** Central collisions of heavy ions at bombarding energies close to the Coulomb barrier 1-14547
- Kienle, P.** Experiments related to quantum electrodynamics of strong fields 1-15004
- Kienle, P.** see Essel, H. 1-6076
- Kienle, P.** see Rehm, K.E. 1-50641
- Kienzie, W.** see Badier, J. 1-10218, 1-10582, 1-14430
- Kienzie, W.E., Marzwell, N.I.** Parameters affecting damage threshold in thin film infrared chalcogenide glass for applications in laser optical switching systems 1-37527
- Kienzie-Focacci, M.N.** see Cleland, W.E. 1-23522, 1-45360
- Kiers, A.** see van der Mark, Th.W. 1-43953
- Kierstead, H.A.** The hydrides of DyCo₂ 1-2803
- Kierstead, H.A.** A multipole extension of the Lacher theory 1-20555
- Kierstead, H.A.** Application of the Rees theory to multiplateau hydrogen absorption isotherms 1-30553
- Kierstead, H.A.** Enhancement of the Lacher and Rees theories of hydrogen absorption isotherms 1-52417
- Kiese, G.** see Buttler, W. 1-2528
- Kiese, G.** see Heijmans, P. 1-31054
- Kieser, M.** see Greis, O. 1-20145
- Kieser, W.E.** see Wiescher, M. 1-18617
- Kiesewetter, N.** Improvement of the sound insulation of lightweight partitions 1-1773
- Kiesewetter, N.** see Mechel, F. 1-46601
- Kiesler, R.** see Bozzo, M. 1-23991
- Kiesling, C.M.** see Partridge, R. 1-10207
- Kiess, G.** Time programme magnetic sound film transports for the film- and video-studio 1-5414
- Kiess, H.** see Curtis, B.J. 1-34743
- Kiess, H.** see Harbecke, G. 1-48180
- Kiessler, G., Elssner, G.** Metallographic preparation of aluminium and other soft materials 1-53382
- Kiessling, G.A.** ANSI laser safety standard applied to fiber optics 1-51634
- Kiessling, J.** see Schirmer, J. 1-24065
- Kietis, B.-P., Sereika, A.** Acoustoelectric effects in inhomogeneous semiconductors 1-12152
- Kietzman, M.L.** see Ruchkin, D.S. 1-32134
- Kiflyak, B.I.** Sound 8-mm motion picture installation - sound 8-mm motion picture device with separate image and sound carriers is considered 1-23336
- Kigawa, T.** Diagnostic procedures in obstetrics and gynecology 1-49156
- Kiguchi, T.** see Yamada, N. 1-45700
- Kihara, M.** see Kamiya, Y. 1-23889

- Kihara, R. see McFarlane, H.B. 1-23877
- Kihara, S., Koumoto, K., Nishikawa, Y., Yanagida, H. Stabilization of potassium β'' -alumina by MgO addition 1-30372
- Kihara, T. Self-crystallizing molecular models. VI. Geometrical supplement 1-34272
- Kihara, T., Ushijima, K., Sato, M., Kuritani, M., Kunisu, A., Ito, Y. On the mineral contents in artesian water from some mine goaves 1-49292
- Kihara, U. see Torii, M. 1-8215, 1-8222
- Kiiko, A., Ungvár, Ya. The accuracy of teleseismic events location by a tripartite seismic network in Hungary 1-40064
- Kiiko, A.V. see Bartenev, S.S. 1-39494
- Kiiko, I.A., Kiiko, L.K. A formulation of the problem concerning plastic flow of compressible material 1-11327
- Kiiko, L.K. see Kiiko, I.A. 1-11327
- Kiiko, V.M. see Markochov, V.M. 1-17001
- Kikaj, M., Ahmadzadeh, M., Cantor, B., Cahn, R.W. Diffusion in amorphous alloys 1-42580
- Kikaj, A. The accuracy of local earthquake location depending on the geometry of three seismic stations 1-49208
- Kikaj, A., Sornes, A. Array configurations for surveillance of shallow concentrated seismic activity 1-9267
- Kijowski, J., Pawlik, B., Tulczyjew, W.M. A variational formulation of non-gravitating and gravitating hydrodynamics 1-14017
- Kikiani, B.I. see Lavrov, V.M. 1-29110
- Kikineshi, A.A. see Mikla, V.I. 1-38781
- Kikkawa, S., Tanuma, M., Yamanaka, S., Onuki, Y., Koizumi, S. Electrical conductivity of TiS_2 1-7677
- Kikkawa, S. see Yamaguchi, T. 1-39958
- Kikkert, P.J., Niesen, L. Crystal field of Dy implanted in Cu single crystals obtained by Mossbauer spectroscopy 1-16266
- Kikkert, P.J., Niesen, L. Crystal field of Dy implanted in Au single crystals, obtained by Mossbauer spectroscopy 1-47983
- Kikkert, P.J., Niesen, L. Crystal field of Dy implanted in Ag obtained by Mossbauer spectroscopy 1-52878
- Kiknadze, L.V., Mamaladze, Yu.G. Motion of a linear vortex singularity 1-11935
- Kikuchi, A., Yamamoto, H., Iwata, S., Ikeda, T., Nakata, K. Electron transport across aluminum/ultrathin silicon oxide/phosphorus implanted silicon barriers 1-7707
- Kikuchi, F. On a mixed finite element scheme for linear buckling analysis of plates 1-24714
- Kikuchi, H. see Suzuki, T. 1-17520
- Kikuchi, K., Morikawa, T., Shimada, J., Sakurai, K. Cladded radially inhomogeneous sphere lenses 1-41806
- Kikuchi, K., Tada, K., Aoki, M. Theory of resonant forbidden Raman scattering in semiconductors 1-3137
- Kikuchi, K. see Okada, O. 1-47853
- Kikuchi, M., Fukamichi, K., Masumoto, T. Elastic properties of thin sheets of amorphous and crystalline Invar-type alloys 1-7927
- Kikuchi, M., Inoue, N., Mori, M., Moriya, K., Miyata, K., Okano, K., Uchida, T. Experimental investigation of circular and elliptic plasma column in TORIUT-4 1-19973
- Kikuchi, M., Weertman, J.R. Mechanism for nucleation of grain boundary voids in a nickel base superalloy 1-2468
- Kikuchi, M. see Masumoto, H. 1-42556
- Kikuchi, M. see Matsuura, M. 1-25981
- Kikuchi, M. see Morozumi, S. 1-31500, 1-47305
- Kikuchi, M. see Nakayama, T. 1-12374
- Kikuchi, M. see Sawada, A. 1-48670
- Kikuchi, M. see Usui, S. 1-34595
- Kikuchi, N. see Ohtake, K. 1-11359, 1-24666
- Kikuchi, R. Crystal-growth approach of lattice-order simulation and the cluster-variation method 1-20095
- Kikuchi, R. Theory of ternary III-V semiconductor phase diagrams 1-43323
- Kikuchi, Y., Aizawa, Y., Kawakami, S. Fabrication and properties of optical fiber Faraday rotator 1-1712
- Kikuchi, Y., Narita, T., Takano, H. Preliminary results of benchmark tests on JENDL-2 1-28521
- Kikuchi, Y. see Haga, K. 1-5952
- Kikuchi, Y. see Ohkoshi, K. 1-22003
- Kikui, F. see Kishi, K. 1-17107
- Kikuma, I., Erukoshi, M. Solution growth of ZnSe Crystals using In-Zn solvents 1-3593
- Kikuta, Y., Araki, T., Kuroda, T. Fractography and fracture mechanics. II. Fractography of welded parts 1-53262
- Kil Choo Woong see Woong Kil Choo
- Kilberg, J. see Ek, A. 1-35628
- Kilcher, P. see Ben Brakham, A. 1-660
- Kil'chevskii, M.O., Sha'da, L.M. On automodel motions of the 'elastic shell-liquid' system 1-38011
- Kil'chinskaya, G.O., Protchenko, O.P. Instability of viscous gas flow in interaction with the inner heat source and finite heat propagation rate 1-15506
- Kil'chinskaya, G.A., Protchenko, O.P. Thermoconvective instability of longitudinal-radial vibrations of a viscous gas with internal heat supply sources 1-19675
- Kildal, H., Brueck, S.R.J. Orientational and electronic contributions to the third-order susceptibilities of cryogenic liquids 1-37548
- Kile, J.E., Wurzbach, W.F. Temporary threshold shifts induced by vibratory stimulation 1-22022
- Kilian, H.-G. A molecular interpretation of the parameters of the van der Waals equation of state for real networks 1-37374
- Kilimov, V.V., Aliakhverdiev, S.I., Krasnovskii, A.A. EPR signal associated with pheophytin photoexcitation in reaction centers of chloroplast photosystem II 1-17363
- Kilin, S.Ya. see Anapasevich, P.A. 1-1163
- Kilipitari, I.G. Nuclear magnetic resonance of ^{59}Co in Co-Cu (Si and Ge) alloys. Influence of short-range order and screening 1-31060
- Kilkenny, D. H β photometry of southern early-type stars 1-54498
- Kilkenny, D., Hill, P.W., Penfold, J.E. LB 3459, an O-type subdwarf eclipsing binary system. III. Radial velocity curve and orbital solutions 1-44592
- Kilkenny, D. see Tobin, W. 1-54499
- Kilkenny, J.D., Lee, R.W., Key, M.H., Lunney, J.G. X-ray spectroscopic diagnosis of laser-produced plasmas, with emphasis on line broadening 1-19924
- Kilkenny, J.D. see Gray, D.R. 1-29916
- Kilkenny, J.D. see Hares, J.D. 1-29893
- Kilkis, B. see Kaftanoglu, B. 1-3777
- Killeen, J., Schnack, D.D., Shestakov, A.I. Linear and nonlinear calculation of resistive magnetohydrodynamic instabilities 1-2193
- Killeen, J.C. The measurement of the electron-to-hole mobility ratio in UO_2 and its effect on thermal conductivity 1-2713
- Killian, T. see Cockerill, D. 1-14742
- Killian, T.J. Accurate computer simulation of a drift chamber 1-14765
- Killian, T.J. see Day, C.T. 1-45312
- Kiliyany, J.M., Saks, N.S. Metal insulated semiconductor (MIS) radiation effects considerations for infrared focal-plane arrays 1-5396
- Killmayer, J.S. see Coffield, R.D., Jr. 1-50888
- Killingbeck, J. Some interesting charmonium potentials 1-5146
- Killingbeck, J., Galicia, S. The $\psi(0)$ problem for charmonium Hamiltonians 1-5150
- Killingberg, D.K. see Menyuk, N. 1-13207
- Killingley, J.S. see Vincent, E. 1-49289
- Killmar, A. see Bohn, H.G. 1-25918
- Killough, G.G. see Emanuel, W.R. 1-9238
- Killworth, P.D. On determination of absolute velocities and density gradients in the ocean from a single hydrographic section 1-54097
- Kilp, F. see Eschnauer, H. 1-39234
- Kilp, H. see Afzar, M.N. 1-36679
- Kil'pio, A.V., Malyutin, A.A., Pashinin, P.P. Generation of $\omega/2$ harmonics in laser plasma 1-25014
- Kilpio, A.V. see Horvath, Z.Gy. 1-15168
- Kilyachkov, N.N., Melikyan, N.D., Mirzoyan, L.V., Shevchenko, V.S. Synchronous UVB observations of UV Ceti flares. I 1-9521
- Kilyachkov, N.N., Melikyan, N.D., Mirzoyan, L.V., Shevchenko, V.S. Synchronous UVB observations of UV Ceti flares. II 1-22813
- Kilyachkov, N.N., Shevchenko, V.S. On the light curve of HZ Her in the minimum 1-22840
- Kim, A.G. see Lifanov, I.I. 1-15381
- Kim, B.F. see Bohandy, J. 1-29023
- Kim, B.-H., Yamane, M. Color of lead containing glass due to intrinsic absorption. I. Study on the color of high index glass 1-21234
- Kim, B.T., Izumoto, T., Nagatani, K. Radiative capture reaction $^3\text{He}(\alpha, \gamma)^7\text{Be}$ at low energies 1-36937
- Kim, B.T. see Cunsolo, A. 1-50517
- Kim, C. see Ushida, N. 1-546
- Kim, C.B. see Hagiwara, K. 1-40990
- Kim, C.D. see Wilde, B.E. 1-43582
- Kim, C.J. see Nonaka, K. 1-3630
- Kim, C.O., Johnson, W.L. Amorphous phase separation in the metallic glasses $(\text{Pb}_{1-x}\text{Sb}_x)_{1-y}\text{Au}_y$ 1-42313
- Kim, C.Y. see Uegaki, J. 1-37083
- Kim, D. Fixed points of the hierarchical Potts model 1-5242
- Kim, D.J. Magnetic field effect on the elastic properties of itinerant-electron ferromagnets and A15 compounds 1-15953
- Kim, D.M. see Viskanta, R. 1-24658
- Kim, E.E. see Goldenberg, D.M. 1-4363
- Kim, G.K., Panyakeov, S., Shirafuji, J., Inuishi, Y. Electron transport in hydrogenated amorphous silicon prepared by RF sputtering 1-4193
- Kim, H., Okuno, K., Sasaki, T. Coadsorption of lanthanum and boron on tungsten surface 1-52420
- Kim, H.B., Maciejko, R., Conradi, J. Effect of laser noise on analogue fibre optic systems 1-15281
- Kim, H.B. see Feng, V.Eu.M. 1-2490
- Kim, H.J. see de Lima, A.P. 1-41033
- Kim, J., Moir, P. Large eddy simulation of turbulent channel flow - ILLIAC IV calculation 1-6850
- Kim, J. see Menon, M.M. 1-985
- Kim, J.E. Model of flavor unity 1-23464
- Kim, J.E., Daehnick, W.W. J dependence in the $^{50}\text{Cr}(\text{Li}, ^3\text{He})^{51}\text{Mn}$ reaction at 28 MeV 1-41134
- Kim, J.E., Song, H.S. Can all elementary particle forces be unified at 100-1000 TeV? 1-14308
- Kim, J.J. see Kyungsik Kang 1-33146
- Kim, J.J. Preferential solvation of single ions: standard Gibbs free energies of transfer for the Ag^+ ion from water to acetonitrile-water mixed solvents 1-21762
- Kim, J.I., Morris, J.W., Jr. On the scavenging effect of precipitated austenite in a low carbon Fe-5.5Ni alloy 1-8349
- Kim, J.I., Stark, H., Fiedler, I. A method of long-time-irradiation of a voluminous liquid sample in a reactor neutron flux for activation analysis of water 1-26791
- Kim, J.J. see Heyes, D.M. 1-11648
- Kim, K. see Chung, Y. 1-9179
- Kim, K. see Gilliard, R.P. 1-34088
- Kim, K.C., Person, W.B. A study of the absolute infrared intensity of ν_2 absorption from vibrationally excited molecules, and the vapor pressure of UF_6 1-37190
- Kim, K.C., Reisfeld, M., Seitz, D. Laser photolysis of UF_6 : reactions of the transient UF_5 molecules 1-35516
- Kim, K.C. see Laguna, G.A. 1-6225
- Kim, K.J., Coleman, P.D. Calculated-experimental evaluation of the gain/absorption spectra of several optically pumped NH_3 systems 1-29263
- Kim, K.M., Berkman, S., Temple, H.E., Cullen, G.W. Growing and characterization of silicon ribbons by the inverted Stepanov process using pyrolytic boron nitride die 1-3601
- Kim, K.M. see Novak, R.E. 1-2360
- Kim, K.S. see Osamura, Y. 1-39613
- Kim, K.-Y., Johnson, C.E. Thermochemistry of rare-earth trifluorides. II. Estimation of standard enthalpies of formation 1-53459
- Kim, M.-U. Slow viscous flow around a vertical fence on a plane 1-37865
- Kim, M.W., Chou, Y.C., Goldberg, W.I., Kumar, A. Electrical conductivity fluctuations in a binary liquid mixture near its critical point 1-16077
- Kim, N.I. see Grin, V.P. 1-22248
- Kim, P.D., Drokina, T.V., Balashov, A.M., Cherkasov, A.P. Effect of light on a domain-wall resonance in epitaxial garnet films 1-30997
- Kim, P.D., Drokina, T.V., Starostin, Yu.V. Resonance displacements of domain walls 1-3226
- Kim, R.K. see Braunstein, R. 1-28077
- Kim, R.L., Rust, J.H., Rardin, R.R. Optimization of helium-steam binary cycles for HTGRs 1-36984
- Kim, S. see Chen, R.Y.Z. 1-27048
- Kim, S.C. see Iwami, M. 1-26344
- Kim, S.H., Becker, M., Harris, D.R., Pilat, E.E. An efficient method for treating fuel depletion in BWR assemblies 1-23815
- Kim, S.H., Smith, R.P., Kustom, R.L., Praeg, W.F., Krieger, C.I. Development of a pulsed cable test facility for superconducting ohmic heating coils 1-51992
- Kim, S.H., Wang, S.-T., Lieberg, M. Operating characteristics of a 1.5-MJ pulsed superconducting coil 1-45735
- Kim, S.H. see Smith, R.P. 1-45753
- Kim, S.M. see Martel, P. 1-8817
- Kim, V.G. see Kleitsov, P.V. 1-3597
- Kim, V.V. see Aleksandrov, Yu.A. 1-5634
- Kim, Y., Tompkins, W.J. Forward and inverse high-frequency electrocardiography 1-32270
- Kim, Y.C., Khadra, L., Powers, E.J. Wave modulation in a nonlinear dispersive medium 1-18043
- Kim, Y.-C., Kanazawa, M., Oishi, J. The enthalpy of formation of thulium trifluoride 1-26762
- Kim, Y.E. see Sasakawa, T. 1-14477
- Kim, Y.H. Kinetics of desulphurization of carbon saturated iron by slags 1-17024
- Kim, Y.H. Helix-coil transitions of dilute polymers under a velocity gradient 1-52042
- Kim, Y.H. see Fine, M.E. 1-31645
- Kim, Y.H. see Shin, H.K. 1-1334
- Kim, Y.I. see Nandedkar, D. 1-35905
- Kim, Y.-K. see Cheng, K.T. 1-37157
- Kim, Y.S., Planinsek, F., Beaudry, B.J., Gschneider, K.A., Jr. Preparation and purification of GdCl_3 1-26399
- Kim, Y.S. see Han, D. 1-45127
- Kim, Y.S. see Hussar, P.E. 1-27700, 1-27701
- Kim, Y.S. see Iwinski, Z.R. 1-113
- Kim, Y.S. see Lee, S. 1-37287
- Kim, Y.T., Kwon, S.I. Infrared measurements on KH_2PO_4 crystal 1-12496
- Kim, Y.-W. see Massalski, T.B. 1-53159
- Kim Byoung Yoon see Byoung Yoon Kim
- Kim Chi-Van Dao Construction of the solutions of non-linear high order differential equations 1-49
- Kim Chong Hee see Chong Hee Kim

- Kim Chongmin see Chongmin Kim
 Kim Chong-Ki see Chong-Ki Kim
 Kim Dai-Ryong see Dai-Ryong Kim
 Kim Eun Soo, Park Han Kyu, Young In Eung
 Study on the theoretical analysis of lateral guiding in stripe geometry DH laser diode 1-29279
 Kim Hong M. see Hong M. Kim
 Kim Hyung Shik see Hyung Shik Kim
 Kim In Ho see In Ho Kim
 Kim Jae Kwan see Jae Kwan Kim
 Kim Jewan see Jewan Kim
 Kim Joong Soo see Joong Soo Kim
 Kim Kee Yong see Kee Yong Kim
 Kim Ki-Wan see Ki-Wan Kim
 Kim Kwan see Kwan Kim
 Kim Kyung-shik see Kyung-shik Kim
 Kim Nak Bae see Nak Bae Kim
 Kim Nguyen Thac see Nguyen Thac Kim
 Kim Ong Chong see Chong Kim Ong
 Kim Sang Soo see Sang Soo Kim
 Kim Shang-Hoon see Shang-Hoon Kim
 Kim Soo Young see Soo Young Kim
 Kim Sun I. see Sun I. Kim
 Kim Sung-Soo see Sung-Soo Kim
 Kim Sung-Su see Sung-Su Kim
 Kim Thang Vo see Vo Kim Thang
 Kim Tong-Hoon see Tong-Hoon Kim
 Kim Young B. see Young B. Kim
 Kim Young Ho see Young Ho Kim
 Kimagaki, K. see Iizuka, S. 1-6996
 Kimura, T. see Liu Bai-chen 1-48617
 Kimball, D.B., Jr. see Russek, A. 1-24228
 Kimball, J. Two special cases of Anderson localization 1-16248
 Kimball, J.C. A statistical test of Anderson localization 1-30680
 Kimball, J.K. see Christensen, D.H. 1-53995
 Kimball, O.F. Structural materials requirements for nuclear process heat gas cooled reactor systems applications 1-45627
 Kimbell, C.L., Fleming, N.H. Calibration systems [trace analysis techniques] 1-31966
 Kimber, B.J. see Roth, K. 1-41403
 Kimber, D.P. see Capper, D.M. 1-18131
 Kimble, R., Bowyer, S., Jakobsen, P. Astrophysical constraints on the radiative lifetime of neutrinos with mass between 10 and 100 eV/c² 1-36176
 Kimble, R. see Bowyer, S. 1-44308
 Kimble, R.J., Jr. see Fontanella, J.J. 1-3326
 Kimblin, C.W. see Emtage, P.R. 1-34148
 Kimei Xiao see Xiao Kimei
 Kimer'fel'd, Ya.M. see Latajka, Z. 1-35506
 Kimeridze, G.N. Peculiarities of supernova remnants and pulsars distribution relative to the local spiral arm of the Galaxy 1-32763
 Kimes, D.S. Remote sensing of temperature profiles in vegetation canopies using multiple view angles and inversion techniques 1-49276
 Kimes, D.S., Kirchner, J.A. Modeling the effects of various radiant transfers in mountainous terrain on sensor response 1-54087
 Kimes, D.S., Smith, J.A., Link, L.E. Thermal IR exitance model of a plant canopy 1-49061
 Kimhi, D.B., Geballe, T.H. Superconducting tunneling in the amorphous transition metals Mo and Nb 1-3111
 Kimitya, L.L., Krenevicene, M.J., Misiunas, G.A. Self-association of adamantane carboxylic acid molecules in the light of NMR H¹ data 1-17050
 Kimizuka, H. see Kaibara, K. 1-43705
 Kimizuka, N. see Cohen, S. 1-38351
 Kimizuka, N. see Fujimori, A. 1-21069
 Kimizuka, N. see Inazumi, M. 1-47982
 Kimmel, G., Dayan, D., Grill, A., Pelleg, J. The gallium-rich side of the Nd-Ga and Ce-Ga systems 1-21424
 Kimmel, G., Sharon, B., Rosen, M. Structure and phase stability of uranium-silicon U₃Si at low temperatures 1-11722
 Kimmel, G. see Livne, Z. 1-35500
 Kimmel, G. see Mintz, M.H. 1-21714
 Kimmich, K., Zwick, U. An automatic test set for spectral attenuation measurements in optical light guides up to 1.8 microns 1-19449
 Kimoto, K., Nishida, I., Takahashi, H., Kato, H. A study of lithium clusters by means of a quadrupole mass analyzer 1-10882
 Kimitya, L.L. Investigation of high-resolution NMR spectra of H¹ in a two-component system consisting of the plastic crystals trimethyl acetic acid and cyclohexanol 1-12415
 Kimitya, L.L. see Balvicius, V.I. 1-17049
 Kimura, A. see Matsui, H. 1-21563
 Kimura, C. see Oikawa, T. 1-40905
 Kimura, E. see Ishida, T. 1-40303
 Kimura, F. see Adachi, K. 1-16423
 Kimura, H., Asano, M., Kubo, K. Thermochemical study of the vaporization of Li₂O(c) by mass spectrometric Knudsen effusion method 1-13032
 Kimura, H., Iizuka, T. Infrared and X-ray observation of copper extraction from copper decorated dislocations in silicon crystal 1-25275
 Kimura, H., Masumoto, T. Deformation and fracture of an amorphous Pd-Cu-Si alloy in V-notch bending tests. I. Model mechanics of inhomogeneous plastic flow in non-strain hardening solid 1-21506
 Kimura, H., Masumoto, T. Deformation and fracture of an amorphous Pd-Cu-Si alloy in V-notch bending tests. II. Ductile-brittle transition 1-21565
 Kimura, H. see Iizuka, S. 1-6996
 Kimura, H. see Matsui, H. 1-21563
 Kimura, H. see Nishikawa, T. 1-43460
 Kimura, H. see Odajima, K. 1-11573
 Kimura, H. see Oguri, K. 1-12817
 Kimura, H. see Sengoku, S. 1-24988
 Kimura, H. see Shimoto, T. 1-25436
 Kimura, H. see Tazaka, S. 1-22654
 Kimura, H. see Ushida, N. 1-546
 Kimura, H. see Yamashita, M. 1-15797
 Kimura, H.M. see Fukamichi, K. 1-7577
 Kimura, H.M. see Inoue, A. 1-16394
 Kimura, K., Koyama, S., Watanabe, H. Low cost production of terrestrial solar arrays utilizing EFG silicon ribbon crystal 1-3613
 Kimura, K., Kyoshima, A., Mannami, M. Characterization of crystal lattice defects by ion channeling 1-47126
 Kimura, K. see Achiba, Y. 1-46020
 Kimura, K. see Mannami, M. 1-38415
 Kimura, K. see Murayama, K. 1-16605
 Kimura, M. Mean field theory for ground state of superlattice 1-28942
 Kimura, M. Microheater and microbolometer using microbridge of SiO₂ film on silicon 1-33055
 Kimura, M. Neuronal mechanism of response of cat striate cortex to flicker light stimulation 1-39919
 Kimura, M., Saito, S. A model of the absorptive potential in NN scattering 1-50456
 Kimura, M. see Fujita, K. 1-33448
 Kimura, M. see Kaneko, Y. 1-46109
 Kimura, M. see Motojima, T. 1-19094
 Kimura, M. see Otsuka, A. 1-3895
 Kimura, M. see Tsukagoshi, T. 1-24643
 Kimura, M. see Yamazaki, S. 1-1222
 Kimura, N. Critical properties of Z(2) lattice gauge systems from strong-coupling expansions 1-431
 Kimura, S., Okano, K. Structure of the lower crust and the uppermost mantle in Shikoku, Japan 1-54043
 Kimura, S., Suzuki, T., Hirakawa, H. Low frequency antenna for gravitational radiation 1-32897
 Kimura, S. see Bejan, A. 1-51773
 Kimura, S. see Sato, Y. 1-25597
 Kimura, T. Counting of ghosts in a quantized anti-symmetric tensor gauge field of third rank 1-417
 Kimura, T. Antisymmetric tensor gauge field in general covariant gauges 1-432
 Kimura, T. Recent progress in optical communication systems 1-24505
 Kimura, T., Atsuki, K., Yamashita, E., Yugo, S. Reflective index change of LiNbO₃ due to implantation of argon ions 1-26161
 Kimura, T., Nishio, M. Measurement of shock waves around a delta-wing semicone 1-15556
 Kimura, T., Sakaguchi, S., Namikawa, H., Yoshida, K. Coating technique for high speed drawing [of optical fibres] 1-11208
 Kimura, T., Sakurai, T. Crystal and molecular structure of tris(hexammine)rhodium(III) tetrakis(trichlorostannate(II)) (tetrachlorostannate(II))rhodate(II) hexachlorostannate(II) tetrahydrate 1-25215
 Kimura, T., Shibata, S., Sakaguchi, S., Shuto, Y., Nakahara, M., Takahashi, S. Long-term mechanical reliability of optical fibers 1-41847
 Kimura, T., Yoshikawa, S. An amplified and saturated readout echo in piezoelectric powder 1-8004
 Kimura, T. see Hirai, T. 1-48354
 Kimura, T. see Kobayashi, S. 1-1603, 1-11031
 Kimura, T. see Sakai, J. 1-41849
 Kimura, T. see Sakai, J.-I. 1-15274
 Kimura, T. see Yamada, J. 1-19337
 Kimura, T. see Yamada, J.I. 1-15275
 Kimura, T. see Yoshii, T. 1-33010
 Kimura, W.D. see Pantell, R.H. 1-10899
 Kimura, Y., Kudo, F., Kugo, T. Lowering of tightening force on hollow metal O-ring 'sureket' 1-27998
 Kimura, Y. see Hama, Y. 1-31206
 Kimura, Y. see Honda, Y. 1-6084
 Kimura, Y. see Kumashiro, Y. 1-31342
 Kimzry, S.L. see Engvall, J. 1-35739
 Kinarti, R. see Sohmer, H. 1-26910
 Kinase, W., Mori, K. Theory of electrooptic effect in BaTiO₃ 1-26170
 Kinbara, A., Baba, S. Selected mechanical properties of gold, silver, aluminum and germanium coatings 1-12784
 Kinbara, A. see Baba, S. 1-16208
 Kinbara, A. see Zhou, J.M. 1-30583
 Kinch, M.A. see Borrello, S.R. 1-5385
 Kind, R. see Plesko, S. 1-7324
 Kindel, E., Arndt, R. Methods of wall charge determination in external electrode gas discharges. I. Experimental arrangement 1-2262
 Kindel, J.M. see Carman, R.L. 1-34051
 Kinder, H., Weber, J., Dietsche, W. Kapitza resistance studies using phonon pulse reflection 1-16166
 Kinder, H. see Augsburg, E.I. 1-42589
 Kinder, H. see Dietsche, W. 1-7278, 1-16001
 Kinder, T.H., Schumacher, J.D., Hansen, D.V. Observation of a baroclinic eddy: an example of mesoscale variability in the Bering Sea 1-54121
 Kindermann, C. see Hartung, V. 1-31981
 Kindinova, O.N. see Baranova, T.F. 1-12703
 Kindt, A., Sattler, E.L., Schraub, A. Radiation-induced anorexia in Syrian hamsters 1-32207
 Kindt, S. see Gornik, W. 1-24096
 Kindy, H.M., Wahby, A.T., Koutnouyan, Z.Y., Salem, M.F., Merchant, H.D. Sintering of chemically preconditioned lead powder 1-21388
 Kinell, T., Ebbsjo, I. Changes in the static structure factor by varying the pair potential studied by computer simulation 1-25131
 King, A.H., Smith, D.A. On the mechanisms of point-defect absorption by grain and twin boundaries 1-20240
 King, B., Magnus, K.E., Smith, J.W. A course in applied chemistry at a Third World university 1-36477
 King, B. see Bartel, W. 1-18500
 King, B. see O'Neill, L.H., Jr. 1-50443
 King, B.T. see Bartel, W. 1-45253, 1-45254
 King, C. see Scheffler, C.P. 1-38196
 King, C. see Vanderhoff, J. 1-46520
 King, D.A. see Campuzano, J.C. 1-16335
 King, D.A. see Cassuto, A. 1-38662
 King, D.S. Proper motions in the region of the galactic cluster NGC 5662 1-27569
 King, D.S. R Coronae Borealis pulsations 1-40511
 King, D.S., Wheeler, J.C., Cox, J.P., Cox, A.N., Hodson, S.W. Pulsation of high luminosity helium stars 1-27542
 King, D.S. see Cogan, B.C. 1-40504
 King, D.S. see Cox, J.P. 1-44577
 King, D.S. see Hodson, S.W. 1-40509
 King, D.S. see Stone, J. 1-1292
 King, F. see Sparks, M. 1-39193
 King, G.A., Archambeau, J.O., Klevecz, R.R. Survival and phase behavior following ionizing radiation and hyperthermia in synchronous V79 and EMT6 cells 1-3917
 King, G.C., McConkey, J.W., Read, F.H., Dobson, B. Negative-ion resonances associated with inner-shell excited states of N₂, NO, N₂O, CO and CO₂ 1-10853
 King, G.C. see Shaw, D.A. 1-24269
 King, G.S.S. see Dixon, E.A. 1-45960
 King, H. see Haake, F. 1-51431
 King, I.R. The dynamics of open clusters 1-36352
 King, J. see Proudfoot, G. 1-717
 King, J.D. see Cheng, C.W. 1-22672, 1-33261
 King, J.E., Knott, J.F. Effects of temperature-embrittlement heat treatment on ductile failure in high-strength low-alloy steel 1-35356
 King, J.F. see Engvall, J. 1-35739
 King, J.S. see Wehe, D.K. 1-28536, 1-50731
 King, K.D. see Lawrence, W.D. 1-17031
 King, K.J. see Moorwood, A.F.M. 1-17888
 King, L.J. see Collins, E.D. 1-18856
 King, M. Relationship between mucus viscoelasticity and ciliary transport in guinea pig/frog palate model system 1-39949
 King, M.A. see Yester, M.V. 1-17487
 King, M.D., Byrne, D.M., Reagan, J.A., Herman, B.M. Spectral variation of optical depth at Tucson, Arizona between August 1975 and December 1977 1-22491
 King, M.D., Curran, R.J. The effect of a nonuniform planetary albedo on the interpretation of Earth radiation budget observations 1-22487
 King, M.J. Compressed air energy storage (CAES) Hume, Illinois 1-35710
 King, M.J., Rohrlrich, F. Exactly solvable eigenvalue problem with hypergeometric eigenfunctions 1-27817
 King, M.J., Rohrlrich, F. Relativistic Hamiltonian dynamics. II. Momentum-dependent interactions, confinement and quantization 1-50372
 King, N.S.P. see McNaughton, M.W. 1-41051, 1-45508
 King, P. see De Roach, J. 1-36873
 King, P.J., Monk, D.J. Acoustic relaxation loss due to Ni³⁺ ions in Al₂O₃ 1-15963
 King, P.J. see Abhvani, A.S. 1-52533
 King, P.J. see Bankovskis, A. 1-42476
 King, P.J. see Hasan, F. 1-15968, 1-15969
 King, P.R. see Edwards, S.F. 1-38227
 King, R.A. see Creel, D. 1-39943
 King, R.B. Chemical applications of group theory and topology. VIII. Topological aspects of oscillating chemical reactions 1-17989
 King, R.B., Lancaster, J.K. Wear of metals by elastomers in an abrasive environment 1-12892
 King, R.B. see Kino, G.S. 1-48594
 King, R.C. Unitary group subjoinings 1-18397

- King, R.C. Kronecker products of representations of exceptional Lie groups 1-28233
- King, R.C., Al-Qubanchi, A.H.A. Natural labelling schemes for simple roots and irreducible representations of exceptional Lie algebras 1-28231
- King, R.C., Al-Qubanchi, A.H.A. The Weyl groups and weight multiplicities of the exceptional Lie groups 1-28232
- King, R.M. see Meggitt, B.T. 1-3081
- King, S.C., Jr. see Matcha, R.L. 1-10862
- King, T.A. see Baker, H.J. 1-29300, 1-29347, 1-46323
- King, T.A. see Hitachi, A. 1-1348, 1-1349
- King, T.A. see McNaught, W.G. 1-38183
- King, T.L. see Bennett, R.A. 1-18807, 1-23743
- King, W.J. see Vukovich, F.M. 1-44258
- King, W.T. see Kwan Kim 1-37188
- King-Hele, D.G. Lumped harmonics of 15th and 30th order in the geopotential, from the resonant orbit of the satellite 1971-54A 1-49189
- King-Hele, D.G., Brookes, C.J., Cook, G.E. Odd zonal harmonics in the geopotential, from analysis of 28 satellite orbits 1-32341
- King-Hele, D.G. see Hiller, H. 1-40242
- King-Hele, J.A. see Hodnett, P.F. 1-32464
- King-Smith, P.E., Kulikowski, J.J. The detection and recognition of two lines 1-39934
- Kingan, P.A., Bloomfield, P., Andersen, R.S. Phase drift and coherence in geomagnetic data during a magnetic storm (D_{st}) 1-4718
- Kingery, W.D. see Sempolinski, D.R. 1-38586, 1-38777
- Kingetsu, T., Yamamoto, M., Nenno, S. Field-ion microscope observation of deformation twin induced by field stress in ordered Ni_3Mo alloy 1-21514
- Kingetsu, T., Yamamoto, M., Nenno, S. Field-ion microscope observation of ordering in the near-surface of Ni_3Mo alloy using in situ annealing 1-47342
- Kingham, D.R. see Haydock, R. 1-33556, 1-48243
- Kington, A.I., Clark, J.B. A redetermination of the melting curve of tin to 3.7 GPa 1-8271
- Kingsbury, A. see Capp, P.D. 1-5886
- Kingsbury, D.L. see Marson, P.L. 1-51363
- Kingslake, R. Some interesting and unusual lenses 1-51592
- Kingston, A.E., Walters, H.R.J. Electron scattering by atomic hydrogen: the distorted-wave second Born approximation 1-24251
- Kingston, A.E. see Baluja, K.L. 1-24260, 1-29122
- Kingston, A.E. see Doyle, J.G. 1-13745
- Kingston, A.E. see Dufton, P.L. 1-10846
- Kini, U.D. Effect of destabilizing fields on hydrodynamic instabilities in nematics 1-6844
- Kinkead, A.K. see Bettis, J.R. 1-23879
- Kinloch, A.J. see Geddings, M. 1-21693
- Kinloch, A.J. see Gellimill, R.A. 1-8525
- Kinman, T.D., Davidson, K. Spectroscopic observations of 10 emission-line dwarf galaxies 1-49788
- Kinne, J.D. see Downes, L.W. 1-41487
- Kinney, J.A.S. The effects of astigmatism on sensitivity to sinusoidal and square wave gratings 1-8861
- Kinney, J.A.S., Luria, S.M., Ryan, A.P., Schlichting, C.L., Paulson, H.M. The vision of submariners and National Guardsmen: a longitudinal study 1-17379
- Kinney, J.M. see Mukherjee, A. 1-17451
- Kinniburgh, C.G. see Titterton, D.J. 1-7050
- Kinno, S., Onaka, R. The optical properties and the band structure of magnesium chloride 1-12625
- Kinnunen, R. see Johnson, P. 1-5659
- Kinnunen, R. see van Apeldoorn, G.W. 1-45357
- Kino, G.S., Barnett, D.M., Grayeli, N., Hermann, G., Hunter, J.B., Ilic, D.B., Johnson, G.C., King, R.B., Scott, M.P., Shyne, J.C., Steele, C.R. Acoustic measurements of stress fields and microstructure 1-48594
- Kino, G.S. see Chou, C.H. 1-11218
- Kino, T. see Hashimoto, E. 1-8345
- Kino, T. see Kabemoto, S. 1-44956
- Kino, T. see Nakamichi, I. 1-12088
- Kinomura, N. see Fournes, L. 1-52112
- Kinomura, N. see Fujinaka, H. 1-35227
- Kinomura, N. see Kanno, R. 1-11724, 1-35204
- Kinoshita, A. Characterization of glass transition in a-As₂Se₃ by heat of vaporization 1-30367
- Kinoshita, A., Nakano, T., Aono, T. Thermal crystallization of amorphous Se film 1-47000
- Kinoshita, G. see Golecki, I. 1-38678
- Kinoshita, H. Third-order solution of an artificial-satellite theory 1-40340
- Kinoshita, H., Fujiyasu, H. PbTe-Pb_{1-x}Sn_x superlattices prepared by a hot wall technique 1-38842
- Kinoshita, H. see Yokota, T. 1-44314
- Kinoshita, J., Uematsu, Y. Improvement in surface morphology of InGaAsP-InP wafers by dummy layer technique 1-53107
- Kinoshita, K. see Kawabe, T. 1-5597
- Kinoshita, K. see Schiller, N.H. 1-10038
- Kinoshita, K. see Sim, J.W. 1-4172
- Kinoshita, K. see Suzuki, Y. 1-14198
- Kinoshita, M., Champier, G. Recrystallization of cast polycrystalline silicon 1-53201
- Kinoshita, M., Itatani, K. Effect of magnesium diphosphate and zirconium diphosphate additions on sintering of magnesium oxide 1-26403
- Kinoshita, M., Ito, T., Izumi, K. Development of an emergency heat removal controller for BWR plants 1-5839
- Kinoshita, M., Terai, R., Haidai, H. Thermal conductivity of glass copper-composite 1-16116
- Kinoshita, M. see Iwasa, M. 1-47313
- Kinoshita, M. see Matsui, K. 1-33492
- Kinoshita, N. see Furuhashi, R. 1-29546
- Kinoshita, T. see Kasai, N. 1-46954
- Kinoshita, K. see Takeuchi, K. 1-34604
- Kinra, V.K., Bowers, C.L. Brittle fracture of plates in tension. Stress field near the crack 1-35345
- Kinsella, T. see Padikal, T.N. 1-22128
- Kinser, D.L. see Weeks, R.A. 1-31173
- Kinsey, J.H., Cortese, D.A. Endoscopic system for simultaneous visual examination and electronic detection of fluorescence [of cancer cells] 1-13310
- Kinsey, J.H. see Ritman, E.L. 1-49123
- Kinsey, J.L. see Murphy, E.J. 1-37243, 1-37244
- Kinsman, J.R. see Beardmore, P. 1-12955
- Kint, S., Scherer, J.R., Snyder, R.G. Raman spectra of liquid n-alkanes. III. Energy difference between trans and gauche n-butane 1-10736
- Kintner, E.C. Polarization control in optical-fiber gyroscopes 1-51622
- Kintner, P.M. On the distinction between electrostatic ion cyclotron waves and ion cyclotron harmonic waves 1-4691
- Kintner, P.M., Koshely, M.C. A comparison of solar wind and ionospheric ion acoustic waves 1-17751
- Kintner, P.M., Kelley, M.C., Holmgren, G., Bostrom, R. The observation and production of ion acoustic waves during the Trigger experiment 1-17730
- Kintner, P.M. see Holmgren, G. 1-17727
- Kintner, P.M. see Kelley, M.C. 1-17728
- Kinugasa, T. see Yamada, H. 1-14920
- Kinugawa, J., Fukushima, S., Fukushima, T. Transformation behavior of heat-affected zones during underwater wet welding 1-48400
- Kinyones, S. Olgin see Olgin Kinyones, S.
- Kinzibalo, L.I. see Vesker, L.I. 1-48288
- Kioses, S. see Feyerbacher, D. 1-845
- Kiorpes, L. see Boothe, R.G. 1-4284
- Kiosse, G.A. see Shkuratova, I.G. 1-7153
- Kip, G.A.M. see Oosterbroek, M. 1-52211
- Kipareenko, G.F., Kozyukov, A.V. Measurement of the main parameters of a high-pressure, hydrogen-lithium plasma 1-46939
- Kipareenko, V.I., Mekhannikov, A.I., Frumkin, V.D. Radiotechnical physical standards 1-291
- Kipareenko, V.I. see Tatarsenkov, V.M. 1-24442
- Kiperman, V.A. see Golovin, Yu.I. 1-2562
- Kipnis, L. Simplify flow instrument specification by standardizing primary element sizes 1-2107
- Kipp, M.E., Grady, D.E., Chen, E.P. Strain-rate dependent fracture initiation 1-1889
- Kippenhahn, R., Ruschenplatt, G., Thomas, H.-C. The time scale of thermohaline mixing in stars 1-27481
- Kippenhahn, R., Ruschenplatt, G., Thomas, H.-C. The time scale of secularly unstable stellar rotation 1-27482
- Kippenhahn, R., Schmidt, H.U., Thomas, H.-C. UVB photometry of HZ Herculis: the shape of the primary minimum 1-13807
- Kipperman, A.H.M. see Vermij, L. 1-17198
- Kiprianov, A.A., Pisarevskii, M.M., Belyustin, A.A., Kondrat'ev, V.V., Shul'ts, M.M. Electrical resistance of the surface layers of sodium aluminosilicate glasses in solutions of sodium and potassium chloride 1-17072
- Kiprianova, L.A. see Rykova, L.A. 1-39628
- Kiptilij, V.G. see Funke, L. 1-50485
- Kiptilij, V.G., Lemberg, I.Kh., Mishin, A.S., Pasternak, A.A. Lifetimes of high-spin states of ^{72,74}Se nuclei 1-33208
- Kira, S. see Ishihara, T. 1-49153
- Kirakosian, Z.A. see Abrahamov, E.O. 1-722
- Kirakosyan, A.A., Sarkisyan, E.A. Wannier-Mott exciton decay on a neutral impurity in a quantized semiconductor film 1-2875
- Kirby, C., Kroto, H.W. The microwave spectrum of the transient molecule methyl sulfido boron, CH₃B=S: substitution structure dipole moment, quadrupole moment and vibration-rotation analysis 1-14873
- Kirby, C., Kroto, H.W. The microwave spectrum of the transient molecule chloro(sulphido)boron ClB=S: substitution structure, dipole moment, quadrupole moment, and vibration-rotation analysis 1-14876
- Kirby, C., Kroto, H.W., Walton, D.R.M. The microwave spectrum of cyanohexatriyne, H-C≡C-C≡C-C≡C-N 1-24124
- Kirby, D.J. see Dupree, R. 1-26052
- Kirby, K., Roberge, W.G., Saxon, R.P., Liu, B. Photodissociation cross sections and rates for CH⁺ in interstellar clouds 1-9603
- Kirby, P.B. see Scott, B.A. 1-26392
- Kirby, R.D. see Duffey, J.R. 1-48084
- Kirby, R.E., McKee, C.S., Renny, L.V. Faceting of Cu(210) and Ni(210) by activated nitrogen 1-7469
- Kirby, S.H. Tectonic stresses in the lithosphere: constraints provided by the experimental deformation of rocks 1-27134
- Kirby, T.H., Zernemo, A. Residual potential in amorphous selenium photoreceptors 1-43942
- Kirch, D. see Deden, H. 1-28311
- Kirchner, M.L. see Smith, E.L. III 1-17393
- Kirchner, R., Schmid, E.W. A Pauli-correct separable alpha-alpha potential 1-28426
- Kirchgassner, K. Successive bifurcation and turbulence 1-42023
- Kirchheim, R. Activity and diffusivity of hydrogen in deformed palladium 1-2701
- Kirchheim, R., McLellan, R.B. Diffusivity of hydrogen in dilute alloys of copper and niobium in palladium 1-7385
- Kirchheim, R., McLellan, R.B. Electrochemical methods for measuring diffusivities of hydrogen in palladium and palladium alloys 1-30473
- Kirchheim, R. see McLellan, R.B. 1-20440
- Kirchhoff, J. A hydrodynamic theory of the collapsing process for the preparation of optical waveguide preforms 1-1736
- Kirchhoff, J. see Kleint, P. 1-43657
- Kirchhoff, J., Euler, K.-J. 1-8697
- Kirchmayr, H. see Gratz, E. 1-25701
- Kirchmayr, H.R. see Gratz, E. 1-12271, 1-25898
- Kirchner, E.K. Deposited transducer technology for use with acousto-optic bulk wave devices 1-15353
- Kirchner, H.O.K. Non-uniformity of dislocation cores 1-2442
- Kirchner, H.O.K. see Wilkens, M. 1-42390
- Kirchner, H.P., Ragosta, J.M. Crack growth from small flaws in larger grains in alumina 1-26597
- Kirchner, H.P. see Conway, J.C., Jr. 1-26593
- Kirchner, J.A. see Kimes, D.S. 1-54087
- Kirchner, P.T., Ryan, J., Zalutsky, M., Harper, P.V. Positron emission tomography for the evaluation of pancreatic disease 1-32242
- Kirchoefer, S.W., Rezek, E.A., Vojak, B.A., Holonyak, N., Jr., Finn, D., Keune, D.L., Rossi, J.A. Continuous room-temperature photopumped laser operation of visible-spectrum LPE In_{0.1}Ga_{0.9}P_{0.5}As_{0.5} (6700 Å) 1-46368
- Kirschschlager, B., Berg, H., Barner, K. Mossbauer spectra of ⁵⁷Fe in MnAs 1-47988
- Kirczenow, G. Two-component electron-hole liquid in (110)-stressed Ge and Si: a test case for theory and experiment 1-47514
- Kireev, P.S. see Leonovich, B.N. 1-20821
- Kirfel, A., Will, G. Charge density in anhydrite, CaSO₄ from X-ray and neutron diffraction measurements 1-30145
- Kiri, M. see Fukukita, H. 1-53882
- Kirichenko, G.B. see Maksimov, V.I. 1-29376
- Kirichenko, I.K. see Seminozhchenko, V.P. 1-34826
- Kirichenko, L.G., Petrenko, V.F. Investigation of a deep dislocation level in ZnSe by the photostilled conductivity method 1-25659
- Kirichenko, N.A., Korepanov, A.G., Luk'yanchuk, B.S. Changes in the screening action of thermal decomposition products of materials subjected to the action of laser radiation in a moving medium 1-53428
- Kirichenko, N.A. see Bobyrev, V.A. 1-31861
- Kirichenko, N.A. see Boiko, V.I. 1-21298
- Kirichenko, N.A. see Bunkin, F.V. 1-16807, 1-35129, 1-35449
- Kirichenko, N.A. see Karlov, N.V. 1-33048
- Kirichenko, O.V. see Fedorchenko, I.M. 1-31384
- Kirichenko, V.V. see Khodyachikh, A.F. 1-10379
- Kirichenko, Yu.A. see Verkin, B.I. 1-47215
- Kirichenko, Yu.V., Gonchar, V.Yu., Inopin, E.V., Tarasov, V.N. The stability region of neutron deficient nuclei of rare-earth elements 1-675
- Kirichenko, Yu.V., Tarasov, V.N., Inopin, E.V., Gonchar, V.Yu. Optimum parameters of oscillator used in Hartree-Fock calculations 1-14483
- Kirichkov, S.E. see Galin, M.B. 1-54180
- Kirichok, I.F. see Borisjuk, A.I. 1-19636
- Kirichok, P.P., Antoshchuk, A.I., Gunchenko, A.I., Podval'nykh, G.S., Briginichev, V.A. Influence of chromium ions on the magnetic and electric properties of magnesium ferroaluminates 1-7190
- Kirienko, A.M. see Pashkov, P.O. 1-31804
- Kirienko, G.P., Rybalko, A.V. On the possibilities of the use of optical holography for the study of processes accompanying the electrochemical treatment of metals 1-43623
- Kirienko, V.I., Il'inskiy, A.I., Savchenko, I.A. Investigation of dispersion hardened composites using the automatic microscopy method 1-38211
- Kirienko, V.I. see Voronin, S.A. 1-43371
- Kirihara, T. see Tamaki, M. 1-47884
- Kirij, V.G. see Psarev, V.I. 1-47213
- Kirikov, V.A. see Gladkij, V.I. 1-3344, 1-43077
- Kirilenko, G.N. see Iljin, Y.V. 1-28063
- Kirilenko, S.V. see Verkhuturov, A.D. 1-39465
- Kirillov, B.F. see Bugorski, A.P. 1-18653
- Kirillov, N. see Lioubimov, E. 1-15108

- Kirillov, P.K., Sedykh, V.D. Highly stable control unit for the moving system in a Mossbauer spectrometer 1-994
- Kirillov, P.L., Kondrat'ev, S.I., Farafonov, V.A. Effects of coolant input parameters on the thermohydraulic characteristics of a field steam-generating tube 1-23740
- Kirillov, V.I., Parfenov, Yu.V. Behaviour of the scattering lengths at asymptotically large momenta 1-18462
- Kirillov-Ugryumov, V.G. see Agaryan, F.A. 1-36117
- Kirillov-Ugryumov, V.G. see Gal'per, A.M. 1-13554, 1-13555
- Kirillova, G.L. The mesozoids of the east Australian-New Zealand sector of the Pacific mobile belt 1-22296
- Kirillova, M.M. see Nomerovannaya, L.V. 1-31148
- Kirillova, N.V., Kharlamov, O.I., Yatsimirs'kii, V.K. Catalytic activity of zirconium, niobium and tantalum nitrides in the carbon oxide oxidation reaction 1-26768
- Kirillova, O.M. see Parabina, G.I. 1-53141
- Kirillova, V.M. see Bucki, M. 1-12762
- Kirk, B.H. Conceptual design of a spent LWR fuel recycle complex 1-18874
- Kirk, D.L., Keddar, N. The chemical state of the surfaces of (100) orientated epitaxial layers of indium phosphide produced by the closed-tube-vapour-deposition growth process 1-47403
- Kirk, D.L. see Marvell, C.J. 1-4379
- Kirk, D.L. see Sheild, J.E.A. 1-53917
- Kirk, D.W., Foulkes, F.R. Anodic dissolution of gold in aqueous alkaline cyanide solutions at low overpotentials 1-17066
- Kirk, D.W., Foulkes, F.R., Graydon, W.F. Gold passivation in aqueous alkaline cyanide 1-16968
- Kirk, H. see Chung, S.U. 1-14423, 1-41006, 1-45362
- Kirk, H. see Gensch, U. 1-595
- Kirk, J.G., Meszars, P. Thermal effects on the cyclotron line formation process in X-ray pulsars 1-49853
- Kirk, M.A., Birtcher, R.C., Blewitt, T.H., Greenwood, L.R., Popek, R.J., Heinrich, R.R. Measurements of neutron spectra and fluxes at spallation-neutron sources and their application to radiation effects research 1-33359
- Kirk, T.B.W. Future plans on lepton physics with the energy doubler at Fermilab 1-42527
- Kirk, T.B.W. Recoil hadron measurements in muon deep inelastic scattering 1-45304
- Kirkach, E.F. see Turyanitsa, I.I. 1-37443
- Kirkaldy, J.S. A Zener-Hillert model for growth of binary alloy cells 1-3723
- Kirkbride, I. see Partridge, R. 1-10207, 1-18483
- Kirkham, H. The influence of rain rate on transmission line corona performance 1-37699
- Kirkhope, J. see Bell, R. 1-11341
- Kirkin, A.N. see Blazhenkov, V.V. 1-42141
- Kirkinsky, V.A. see Fursenko, B.A. 1-35245
- Kirkman, D.H., Martin, D.H., Warwick, W.A. Introduction and retention of liquid film between surfaces [refractometry] 1-23291
- Kirko, V.I. Energy characteristics of an explosively driven plasma compressor 1-25072
- Kirkpatrick, A.R. Occupational radiation exposure experience. Fuel rotor operation at CEBG and SSEB nuclear power stations 1-28731
- Kirkpatrick, P. Confirming the Planck-Einstein Equation $h\nu = (1/2)mvc^2$ 1-9795
- Kirkpatrick, R.C. The evidence for planetary progenitor rotation and for the long term acceleration of the ejected nebular shell 1-40549
- Kirkpatrick, S. On critical slowing-down in spin glasses 1-12333
- Kirkpatrick, S. see Thouless, D.J. 1-38765
- Kirkwood, S. see Hutton, V.R. 1-40060
- Kirkwood, S.C., Crampin, S. Surface-wave propagation in an ocean basin with an anisotropic upper mantle: numerical modelling 1-35942
- Kirkwood, S.C., Crampin, S. Surface-wave propagation in an ocean basin with an anisotropic upper mantle: observations of polarization anomalies 1-35943
- Kirliis, V.I., Shichuk, B.K., Zharmokis, R.B. Recording fluctuations in water level in the inshore part of sea under open shore conditions 1-22353
- Kirliys, V., Zaromskis, R. On the character of the long term changes in the littoral zone of the sea. V. Peculiarities of morphological changes 1-13450
- Kirmse, R., Stach, J., Botcher, R. Single-crystal ENDOR on bis-(diethyl-dithiocarbamate)Cu(II): bis-(diethyl-dithiocarbamate)Zn(II) 1-16502
- Kirochkin, Yu.A., Pokrov, A.G., Stepanov, K.N. Small-scale plasma instabilities in inhomogeneous crossed fields 1-38077
- Kirov, A.G. see Demirkhanov, R.A. 1-42139
- Kirov, K. see Alexandrova, S. 1-30838
- Kirov, K. see Szekeres, A. 1-39490
- Kirov, K.L., Georgiev, S.S., Pantechev, B.G., Kopriarova, J.B. Plasma deposition of Si₃N₄ layers 1-3638
- Kirov, K.I. see Aleksandrova, S.P. 1-38862
- Kirova, N.N. see Brazovska, S.A. 1-42752
- Kirova, N.N. see Eleonskii, V.M. 1-42934
- Kirovskaya, I.A., Limberova, V.V., Zeleva, G.M., Shkalov, F.E., Vlasova, L.A. Charging of a GaAs surface during adsorption of various molecules 1-7454
- Kirpichenkov, V.Ya. see Lozovskii, V.N. 1-42653
- Kirpichenkova, E.O. see Dmitruk, M.V. 1-34588
- Kirpichnikov, A.V. see Gusev, Yu.L. 1-6562, 1-24423
- Kirsanov, A.A. see Voropa, E.S. 1-12572
- Kirsanov, V.V., Tskhai, V.A. Calculation of the complex [NiF₄]⁴⁻ by a modified MWH method 1-24033
- Kirsanova, I.V. see Aleksandrov, A.A. 1-51038
- Kirsch, G. see Cassagne, B. 1-261
- Kirsch, J. see Muller, U. 1-10114
- Kirsch, J. see Reinhardt, J. 1-45522
- Kirsch, L. see Chung, S.U. 1-41006
- Kirsch, L.E. see Gottesman, S.R. 1-10260
- Kirsch, U. Optimal design of trusses by approximate compatibility 1-37794
- Kirsch-D. Mesmacker, A., Decoster, A.M., Nasielski, J. The influence of cysteine solutions on the stability of CdS photoanodes 1-47743
- Kirsch-D. Mesmacker, A., Wyrat-Remy, M., Nasielski, J. Photogalvanic cells VI. Behaviour of the SnO₂/thionine-Fe³⁺/Au cell: correlation with photovoltaic data at the bubbling gas electrode 1-8730
- Kirschfink, F.J. see Brandel, R. 1-23510, 1-50411
- Kirschner, F.R. see Hinz, E.J. 1-9159
- Kirschner, F.R. see Kiefer, L.M. 1-9160
- Kirschner, F.R. see Lund, L.J. 1-9161
- Kirschner, J. see Feder, R. 1-46961
- Kirschner, P.T. see Hilsenrath, E. 1-17719
- Kirschner, R. Soft gluon corrections to hard quark-quark scattering sub-processes 1-36849
- Kirshom, K. see Bozzo, M. 1-23961
- Kirshnamurthy, A., Srivastava, B.K., Lokanathan, S. Lattice sum calculations and a Mossbauer study on electric field gradient in phlogopite 1-47991
- Kirshner, R. Supernova in NGC 1532 1-54530
- Kirshner, R., Bryan, J. Supernova in NGC 6946 1-13789
- Kirshner, R. see Vettolani, G. 1-49699
- Kirshner, R.P., Chevalier, R.A. Spectrophotometry of W50: the supernova remnant around SS 433 1-49771
- Kirshner, R.P. see Blair, W.P. 1-40539
- Kirshner, R.P. see Fesen, R.A. 1-49759
- Kirson, M.W. see Ginocchio, J.N. 1-23577
- Kirson, Ya.E., Klotyn'sh, E.E., Krumina, R.K. Analysis of electron mobility in SiC (6H) 1-47687
- Kirsten, P. see Siegel, W. 1-34705
- Kirtley, J., Hall, J.T. Theory of intensities in inelastic-electron tunneling spectroscopy orientation of adsorbed molecules 1-2816
- Kirtley, J.R., Kent, D.S., Langenberg, D.N., Kaplan, S.B., Jhy-Jiun Chang, Chi-Chung Yang Quasiparticle energy distribution and relaxation times in a tunnel-injected superconductor 1-3113
- Kirtley, J.R., Theis, T.N., Tsang, J.C. Diffraction-grating-enhanced light emission from tunnel junctions 1-7757
- Kirtley, J.R., Theis, T.N., Tsang, J.C. Polarized, angle-tunable light source 1-46478
- Kirtley, J.R. see Jha, S.C. 1-24158
- Kirtley, J.R. see Tsang, J.C. 1-3413, 1-16559
- Kirton, M.J., Brand, S., Jaros, M. Electronic states at line defects in silicon 1-20655
- Kiruthi, G. see Kohli, C.K. 1-43861
- Kirwan, D.F. see Bartlett, A.A. 1-27749
- Kir'yanov, V.E. see Avetisyan, V.Z. 1-22814
- Kir'yanov, K.E. see Grushko, A.I. 1-41339
- Kir'yanov, V.A. see Myamlin, V.A. 1-52645
- Kiryukhin, S.V., Lozyuk, V.S., Oleinikov, A.Ya., Smirnov, A.Ya., Stepin, A.V., Tikhomirov, N.A., Chmil, A.I., Shustin, E.G. Automatic system for recording and processing probe characteristics in a low-temperature plasma 1-2235
- Kiryukhin, Yu.B. see Baranov, V.Yu. 1-1591
- Kiryukhin, Yu.I. see Khudyakov, I.V. 1-4051
- Kiryukhov, K.V., Kochubel, S.A., Lisitsyn, V.N., Chapovskii, P.L. High-time-resolution laser spectrometer 1-357
- Kirzhnits, D.A. see Belyaev, V.B. 1-10251
- Kirzhnits, D.A. see Dolgov, O.V. 1-38737
- Kisabeth, J. see Akasofu, S.-I. 1-40250
- Kisekka, B. see Mokrushin, A.D. 1-31227
- Kisela, E. see Carlone, C. 1-52911
- Kiselev, A.A. see Ljaptev, A.V. 1-41330
- Kiselev, A.M. see Andreev, N.F. 1-41770
- Kiselev, A.P. Focal boundary layer in axisymmetric diffraction problems 1-29209
- Kiselev, A.V. see Belyakova, L.D. 1-52081
- Kiselev, B.A. see Gal'tsev, A.P. 1-4672
- Kiselev, B.A. see Vol'kenshtein, I.A. 1-359
- Kiselev, N.A., Stel'mashchuk, V.Ya., Nissler, K. Quaternary structure of phosphofructokinase from electron-microscope data 1-17341
- Kiselev, N.G. Choosing the optomechanical scanner scheme for a laser recording system 1-37538
- Kiselev, O.V. see Ivanov, A.G. 1-31976
- Kiselev, S.B. see Berestov, A.T. 1-16013
- Kiselev, V.F. see Grinev, V.I. 1-30805
- Kiselev, V.P., Kozlov, S.N., Levshin, N.L. Isotopic effect in the kinetics of the charge exchange of slow surface states 1-42845
- Kiselev, V.V., Shmatov, V.T. Energy of low-angle grain and block boundaries near the specimen surface 1-11770
- Kiselev, Yu.F. see Efimov, V.A. 1-41007
- Kiselev, Yu.M. see Sumin, A.V. 1-44045
- Kiselev, Yu.T. see Burgov, N.A. 1-598
- Kiseleva, E.V. see Nepochatov, V.M. 1-8273
- Kiseleva, I.N. see Rusanovskii, M.E. 1-20178
- Kiseleva, L.A. see Udalova, L.V. 1-8259
- Kiseleva, L.S. see Aleksandrov, E.M. 1-53115
- Kiseleva, N.N. see Savitskii, E.M. 1-52740
- Kiseleva, S.A., Vinograd, M.I., Kostogonov, V.G., Tsuchina, O.S. Effect of the crucible material on the formation and composition of inclusions in iron reduced by aluminum 1-12995
- Kisel'man, L.A. see Ivanov, A.G. 1-31976
- Kisel'nikova, S.N. see Gurylev, B.V. 1-44972
- Kish, S.A. see Snok, A.W. 1-44130
- Kishan, H. see Sharma, R.G. 1-5324
- Kishan, H. see Tomar, V.S. 1-52716
- Kishan, P., Chatterjee, S.N., Nagpaul, L.K., Laroia, K.K. Curie temperature of lithium ferrite 1-38932
- Kishan, P. see Singh, P.K. 1-26177
- Kishi, K., Kikui, F., Ikeda, S. Chemisorption bonds on nickel and palladium surfaces studied by substitution reactions of various organic molecules 1-17107
- Kishi, T. Evaluation of strength of materials by acoustic emission. I 1-26695
- Kishi, T. Evaluation of strength of materials by acoustic emission. II 1-35461
- Kishi, T. see Nozue, A. 1-53260
- Kishi, T. see Takahara, Y. 1-53389
- Kishida, N. see Ohnuma, H. 1-18635, 1-36945
- Kishidaka, H. see Kumagai, M. 1-21686
- Kishidaka, H. see Maeda, E. 1-43543
- Kishidaka, H. see Ohashi, Y. 1-7442
- Kishidaka, H. see Tsunoyama, K. 1-30269, 1-53040
- Kishikawa, Y. see Okada, S. 1-16194
- Kishimoto, K., Aoki, S., Sakata, M. Dynamic stress intensity factors using J-integral and finite element method 1-1880
- Kishimoto, K., Aoki, S., Sakata, M. Simple formula for dynamic stress intensity factor of pre-cracked Charpy specimen 1-24747
- Kishimoto, M., Izumi, H., Mori, K., Kawai, Y. Interfacial tension in molten iron-oxide systems 1-2778
- Kishimoto, S. see Yamagata, T. 1-45484
- Kishimoto, T. see Ejiri, H. 1-33237
- Kishimoto, T. see Sakai, H. 1-691
- Kishimoto, T. see Tamura, T. 1-617
- Kishimoto, T. see Yoshiyagawa, M. 1-1705
- Kishino, K. see Arai, S. 1-11021
- Kishino, S. Microdefects in silicon crystals used for VLSI technology 1-31371
- Kishino, S., Nagasawa, K., Iizuka, T. Heavy metal gettering by an intrinsic gettering technique using microdefects in Czochralski-grown silicon wafers 1-271
- Kishino, S. see Nagasawa, K. 1-15886
- Kishino, S. see Tajima, M. 1-47556
- Kishkurno, V.V. see Abramov, B.M. 1-992
- Kishner, S.J. Keep your colors in line with on-line spectrophotometry 1-14167
- Kishore, D., Umendra, Lal, K.C. Effect of pressure on second order Doppler shift [in Mossbauer spectra] 1-47989
- Kishore, K. Kinetic parameters from maximum reaction rate in dynamic thermal analysis 1-13051
- Kishov, M.-R.G. Investigation of formation time of helium break-down in a strong longitudinal magnetic field 1-38043
- Kisiel, A. see Pukowska, B. 1-48189
- Kisielewska, D. see Abramowicz, H. 1-45378
- Kisielewska, D. see Eskreyes, A. 1-594
- Kisil', Yu.K., Kisilitsyn, V.I., Kanteva, I.A., Leont'eva, I.A., Berg, N.A., Zhitkova, T.N., Ryabin, V.A. Phase composition of the decomposition products of calcium bichromate trihydrate 1-39599
- Kisiler, V.V. see Rode, V.E. 1-25924
- Kisker, E., Gudat, W., Kuhlmann, E., Clauberg, R., Campagna, M. Observation of ~100% spin-polarized photoelectrons from a transversely magnetized Ni(110) single crystal 1-31314
- Kisker, E. see Gudat, W. 1-12632
- Kiskin, A.D. see Alipchenkov, V.M. 1-19949
- Kiskinova, M. see Surnev, L. 1-42637
- Kislik, M.D. Relativistic corrections in the astrometric observations of planets 1-32608
- Kislik, M.D. Relativistic effects in the determination of planet orbits through radar observations 1-49483
- Kisilitsyn, V.I. see Kisil', Yu.K. 1-39599
- Kislov, B.I. see Gorbunov, F.L. 1-13052
- Kislov, V.A. see Agafonov, M.S. 1-31329
- Kislova, G.N. see Efimov, M.E. 1-48719
- Kislovskii, I.L. see Cherkasov, Yu.A. 1-40885

- Kislowski, L.D., Spitsyn, B.V. Occurrence of hydrogen in films of synthetic diamond 1-8080
- Kislowski, E.N. see Khruva, V.I. 1-20219
- Kislyakov, A.I. see Berezovskii, E.L. 1-38052
- Kislyakov, E.F. see Balashov, V.V. 1-10370
- Kislyakov, V.B. see Dobrynin, V.M. 1-24864
- Kislyakov, V.E. see Lyubutin, O.S. 1-35491
- Kislyi, P.S., Lutsik, Ya.T., Stolyarchuk, P.G. Installation for investigating ultrasonic temperature transducers 1-5318
- Kislyi, P.S. see Bodnaruk, N.I. 1-3257
- Kislyi, P.S. see Egorov, F.F. 1-35381
- Kislyi, P.S. see Pshenichnaya, O.V. 1-26415
- Kiso, Y. see Koyama, R. 1-44000
- Kispert, L.D. see Han-Ching Wang 1-43011
- Kiss, B. Measurement tests and evaluation of used thermocouples 1-50126
- Kiss, J. Effect of the solar wind on auroral and planetary geomagnetic activity 1-54326
- Kiss, L. Thermograms of transparent media and their evaluation 1-51694
- Kiss, Z., Ungváry, J., Rajczy, P. The accuracy of the epicentre determination from a network of five seismological stations 1-13591
- Kissel, G. see McBreen, J. 1-48831
- Kissel, L., Pratt, R.H., Roy, S.C. Rayleigh scattering by neutral atoms, 100 eV to 10 MeV 1-14850
- Kissel, S.E. see Hutchinson, I.H. 1-2241
- Kisselewa, R.S. see Sokolova, J.A. 1-8362
- Kissil', A.E. see Maksimovich, G.G. 1-3861
- Kissinger, H.E. see Brimhall, J.L. 1-12766
- Kissling, E. see Ansoorge, J. 1-4464
- Kisslinger, C. Evaluation of S to P amplitude ratios for determining focal mechanisms from regional network observations 1-27253
- Kistaiah, P., Prasad, T.R., Murthy, K.S., Iyengar, M.L., Rao, K.V. Resistivity of gallium selenide (GaSe) under pressure 1-47648
- Kistaiah, P., Sathyanarayana Murthy, K., Leela Iyengar, Krishna Rao, K.V. Pressure-induced structural transformation in potassium stannichloride 1-30381
- Kistaiah, P., Venudhar, Y.C., Sathyanarayana Murthy, K., Iyengar, L., Krishna Rao, K.V. Thermal expansion anomaly in silver indium selenide at elevated temperatures 1-38560
- Kistaiah, P., Venudhar, Y.C., Sathyanarayana Murthy, K., Iyengar, L., Krishna Rao, K.V. Anomalous thermal expansion of silver gallium selenide 1-38561
- Kistaiah, P., Venudhar, Y.C., Sathyanarayana Murthy, K., Iyengar, L., Krishna Rao, K.V. Anisotropic thermal expansion of copper gallium selenide 1-47261
- Kistemaker, J. Origins of collision atom physics 1-14517
- Kistennacher, H. see Clementi, E. 1-14978
- Kistennacher, R. see Hein, G.W. 1-53965
- Kistner, G. see Dehos, R. 1-17500
- Kistovich, Yu.V. see Baibakov, V.I. 1-34735
- Kisula, V.V. see Andrianov, A.M. 1-33020
- Kisurin, V.A. see Bulkin, V.S. 1-45514
- Kit, L. see Clark, J.A. 1-37889
- Kit-Keung Kan Gauge-invariant periodic quantized good-parity states in Lipkin-Meshkov-Glick model 1-14482
- Kita, H. see Izumi, K. 1-20415
- Kita, I. see Wakita, H. 1-49228
- Kita, K. see Kiyoshige, T. 1-16802
- Kita, T. see Harada, T. 1-29381
- Kita, Y., Adachi, Y., Hirose, K. Periodically oscillating turbulent flow in a pipe 1-11453
- Kita, Y. see Iwachi, K. 1-12355
- Kitabatake, M. see Hikita, T. 1-12464
- Kitada, H. On a construction of the fundamental solution for Schrödinger equations 1-32869
- Kitada, M. Absorption and desorption of hydrogen by LaNi₅ 1-4122
- Kitade, A. see Yoshihara, K. 1-45037
- Kitade, A.T. see Yoshihara, K. 1-10021
- Kitade, K., Nakatogawa, T., Nishikawa, H., Kawanishi, K., Tsuruto, C. Experimental studies on transient water-steam impinging jet 1-814
- Kitade, K., Nakatogawa, T., Nishikawa, H., Kawanishi, K., Tsuruto, C. Experimental studies on stream free jets and impinging jets 1-45632
- Kitav, G.A. see Bol'shchikova, T.P. 1-53108
- Kitav, G.I. see Bazelyan, E.M. 1-15730
- Kitav, V.B., Mal'tsev, A.A., Sergeev, E.I. Temporal method of extracting a periodic signal from noise for problems in technical diagnosis 1-35492
- Kitav, Yu.E. see Ipatova, I.P. 1-30121
- Kitava, V.F., Sobolev, N.N., Chisty, I.L., Zhari-kov, E.V., Osiko, V.V., Timoshechkin, M.I., Zolot'ko, A.S. Molecular scattering of light in erbium-doped garnets 1-21221
- Kitava, V.F. see Zolot'ko, A.S. 1-35067
- Kitagaki, T., Tanaka, S., Yuta, H., Abe, K., Hase-gawa, K., Yamaguchi, A., Tamai, K., Haya-shino, T., Kunori, S., Ohtani, Y., Hayano, H., Burnstein, R.A., Hanlon, J., Rubin, H.A., Chang, C.Y., Dombek, T., Snow, G.A., Son, D., Steinberg, P.H., Engelmann, R., Kafka, T., Sommars, S., Chang, C.C., Mann, W.A., Schneps, J. Current and target jets produced in high energy neutrino-deuteron interactions 1-18467
- Kitagaki, T. see Hanlon, J. 1-18464
- Kitagawa, H. Anisotropy of Young's modulus and texture in cold rolled mild steel 1-3808
- Kitagawa, H. Young's modulus and texture in cold rolled mild steel (comparison of various models) 1-43361
- Kitagawa, H., Katayama, M. Three-dimensional analysis of recrystallized textures in cold rolled mild steel 1-26495
- Kitagawa, H., Tomita, Y. On the finite element method for large elastic-plastic strain problem 1-1838
- Kitagawa, H. see Nakasone, Y. 1-39542
- Kitagawa, H. see Yamasaki, J. 1-26607
- Kitagawa, J. see Ishikawa, H. 1-46712
- Kitagawa, K., Sawa, G., Ieda, M. Self-healing breakdown at spherulite boundaries of polyethylene thin films 1-43067
- Kitagawa, K., Ueda, M., Miyamoto, H. The negative contraction ratios of cubic types of crystals 1-8358
- Kitagawa, M. Relation between fracture toughness and crack growth rate in PMMA 1-43484
- Kitagawa, S. Effect of low level stress cycles on varying load fatigue of mild steels 1-43488
- Kitagawa, Y. see Yokoyama, M. 1-19976
- Kitahama, K., Furukawa, Y., Kawai, S. X-ray and pulsed NMR studies of lithium nitride chlorides in anti-fluorite type structures 1-38999
- Kitahara, H., Hosokawa, N. X-ray analysis of aluminium films deposited by magnetron sputtering 1-30584
- Kitahara, H. see Ehara, K. 1-31121
- Kitahara, K., Horsthemke, W., Lefever, R., Inaba, Y. Phase diagrams of noise induced transitions. Exact results for a class of external coloured noise 1-32914
- Kitahara, K. see Nakazato, K. 1-50067
- Kitahara, T., Arai, T. Density of upper valence band states of amorphous arsenic selenide system determined by ultraviolet photoelectric emission spectroscopy 1-12624
- Kitahara, T., Geissel, H., Hofmann, S., Munzen-berg, G., Armbruster, P. Rise-time discrimination between heavy ions and alpha particles with semiconductor detectors 1-23970
- Kitahara, T. see Arai, T. 1-47440
- Kitain, R.S. see Kudryavtsev, I.V. 1-31617
- Kitajima, A. see Chihara, K. 1-22089
- Kitajima, H., Hieda, K., Suematsu, Y. Thickness measurement of ultrathin films on metal substrates using ATR 1-12591
- Kitajima, H., Hieda, K., Suematsu, Y. Use of a total absorption ATR method to measure complex refractive indices of metal-folts 1-43198
- Kitajima, H., Hieda, K., Suematsu, Y. Various light resonance mechanisms in dielectric and metallic layers, and a measurement procedure for optical constants 1-43199
- Kitajima, K., Aono, Y., Abe, H., Kuramoto, E. Solid solution hardening and softening in iron alloy single crystals between 4.2K and 300K 1-26488
- Kitajima, K. see Nishikawa, T. 1-20407, 1-47243
- Kitajima, M., Noda, T., Okada, M. Brittle fracture analysis of Mo by SIMS 1-48476
- Kitajima, M., Okada, M., Watanabe, R. Application of secondary ion mass spectrometry to the study of carburization of superalloy 1-17140
- Kitajima, M. see Shikama, T. 1-16971
- Kitajima, S. see Kurishita, H. 1-12835
- Kitakado, S. see Etim, E. 1-10170
- Kitakado, S. see Igarashi, Y. 1-18476
- Kitamaru, R. see Hirai, A. 1-34247
- Kitamaru, R. see Suong-Hy Hyon 1-47012
- Kitamoto, A. see Shimizu, M. 1-19203
- Kitamura, H. In situ argon glow discharge cleaning in the SOR-RING vacuum system 1-23891
- Kitamura, H. On the spectral and polarization characteristics of an undulator 1-23904
- Kitamura, J. see Shiba, K. 1-24906, 1-29818
- Kitamura, M. Detection of sensor failures in nuclear plants using analytic redundancy 1-10496
- Kitamura, M. see Moriki, K. 1-19354
- Kitamura, M. see Upadhyaya, B.R. 1-50871, 1-50906
- Kitamura, S. see Fukunaga, C. 1-5655
- Kitamura, S. see Suzuki, A. 1-4190
- Kitamura, T., Otsuki, H. Studies on the development of latent voltage image by the contact potential difference 1-33068
- Kitamura, T. see Kuwabara, K. 1-3935
- Kitamura, T. see Takahashi, Y. 1-26261
- Kitani, S., Mitsutsuka, N. Nuclear aerosol behavior in postulated LMFBR accidents 1-45630
- Kitanidis, P.K., Bras, R.L. Adaptive filtering through detection of isolated transient errors in rainfall-runoff models 1-36011
- Kitano, Y. see Ishimasa, T. 1-2471
- Kitano, Y. see Kubo, S. 1-19816
- Kitao, M. see Hikita, H. 1-11443
- Kitooka, Y. see Satoh, K. 1-52865
- Kitaura, K., Obara, S., Morokuma, K. Energy gradient with the effective core potential approximation in the ab initio MO method and its application to the structure of Pt(H)₂(PH₃)₂ 1-37086
- Kitayama, I. see Kato, Y. 1-41850
- Kitayama, K.-I. Mode conversion at splices in multimode graded-index fibers 1-1703
- Kitayama, T. see Hatada, K. 1-24302
- Kitayama, Y. see Sunada, K. 1-19843
- Kitazawa, H. see Kobayashi, T. 1-771
- Kitazawa, K., Fueki, K. Kinetics of various mass transport processes on the solid surface 1-20526
- Kitazawa, K., Matsukawa, K., Fueki, K., Komaki, I. Surface mass transport study on alumina and magnesium aluminum spinel by multiple scratch smoothing method 1-16162
- Kitazawa, K. see Tani, T. 1-38875
- Kitazawa, K. see Tsuki, H. 1-38817
- Kitazoe, T. see Ida, M. 1-40956
- Kitazoe, T. see Kaburagi, M. 1-18442
- Kitchen, J. see Pak, H. 1-27181
- Kitichens, C.W., Jr. Navier-Stokes solutions for spin-up in a fixed cylinder 1-19722
- Kitipova, V., Kyrchev, G., Malov, L.A. Anharmonic and isovector effects in the structure of low-lying states with K^π=0⁺, 2⁺, 0⁻, 1⁻ of even-even deformed nuclei 1-23529
- Kitney, R.I. An analysis of the thermoregulatory influences on heart-rate variability 1-32099
- Kitney, R.I., Rompelman, O. (editor) Study of heart-rate variability 1-27686
- Kito, Y. see Sakuta, T. 1-15738
- Kitor, V.Yu., Pariis, E.S. Orientation effects in Auger emission in ion bombardment of solids 1-3561
- Kitsa, M.S. see Gavaleshko, N.P. 1-31177, 1-34746
- Kitsenko, A.B. Oscillations of an inhomogeneous plasma in an alternating electric field 1-38076
- Kitson, M., Lambert, R.M. A structural and kinetic study of chlorine and silver chloride on Ag(100): the transition from overlayer to bulk halide 1-20571
- Kitsunai, Y. Effect of microstructure on fatigue crack growth mechanisms in high strength steel (relationship between crack growth rate and prior austenite grain size) 1-26606
- Kitsunai, Y. Effect of microstructure on fatigue crack growth behavior of carbon steels 1-43489
- Kitsunezaki, A. see Nagami, M. 1-15637
- Kitsunezaki, C. A new method for shear-wave logging 1-40208
- Kittaka, S. see Morimoto, T. 1-35222
- Kittel, J.H. The status of nuclear waste management 1-23789
- Kittel, P. Temperature stabilized adiabatic demagnetization for space applications [bolometer testing] 1-36664
- Kittel, W. see Barth, M. 1-41018, 1-45377
- Kittel, W.K. see Mazzucato, M. 1-50462
- Kittel, R. see Amois, H.I. 1-22116
- Kittinger, E. see Bertagnoli, E. 1-42395
- Kittler, M. On the characterization of electrically active inhomogeneities in semiconductor silicon by charge collection at Schottky barriers using the SEM-EBIC. II. Contrast due to defects 1-20241
- Kittler, M. On the characterization of electrically active inhomogeneities in semiconductor silicon by charge collection at Schottky barriers using the SEM-EBIC. I. Fundamentals and contrast due to macroscopic inhomogeneities 1-20850
- Kittner, R. see Dietrich, B. 1-29976
- Kiuchi, M. see Yoshihara, K. 1-43277
- Kiuchi, S. see Nishi, Y. 1-30438
- Kiukaanniemi, H., Maatta, T. Speech discrimination and hearing loss sloping to high frequencies - a phonetic approach 1-43884
- Kiura, T. see Sakamoto, H. 1-49000
- Kiura, A., Tikkinen, J., Koskinen, H., Holmberg, P. Measurement of pulmonary perfusion using a digitised ECG-triggered gammagraphy absorption technique 1-49118
- Kiutti, G.F. see Degnan, J.H. 1-33024
- Kiutti, G.F. see Nuttleman, R.A. 1-33014
- Kiutti, G.F. see Reinosky, R.E. 1-33087
- Kivelson, D. see Dote, J.L. 1-3424
- Kivelson, M.G. see Southwood, D.J. 1-40378
- Kivila, J., Laine, E., Parviainen, S. Correction of integrated X-ray intensities for preferred orientation in hexagonal close-packed powders using EDXRD 1-42264
- Kiviniemi, A. Some results concerning crustal movements in Finland 1-54059
- Kivshik, A.F., Dubrov, V.Yu., Egorov, A.M., Bolotin, L.I. High intensity UHF wave in a plasma waveguide 1-24983
- Kiwaki, H., Murayama, H., Isobe, T. Some characteristics of surface potentiometers for electrophotographic researches using electrostatic induction 1-33071
- Kiwi, J., Gratzel, M. Oxidation of chloride to chlorine in aqueous solution via redox catalysis 1-53402
- Kiwi, J. see Borgarello, E. 1-35663

- Kiya, M., Arie, M. Discrete-vortex simulation of unsteady separated flow behind a nearly normal plate 1-33964
- Kiya, M., Tamura, H., Arie, M. Vortex shedding from a circular cylinder in moderate-Reynolds-number shear flow 1-37942
- Kiya, M. *see* Arie, M. 1-37888, 1-42058
- Kiya, M.K. *see* Murphy, J.P. 1-49512
- Kiyachenko, Yu.F. *see* Anisimov, M.A. 1-53484
- Kiyak, S.G., Plyatsko, G.V., Moisa, M.I., Pali-voda, I.P. Melting of semiconductors by laser radiation and formation of heterojunctions 1-31338
- Kiyang, Y. *see* Inoue, K. 1-28785
- Kiyanskaya, L.A. *see* Balykin, A.V. 1-44051
- Kiyko, L.K. A generalization of the Prandtl problem of the compression of the band to the case of compressible material 1-27782
- Kiyono, S., Muranaka, T. Soft X-ray non-dispersive spectroscopy by electric potential scanning method 1-23394
- Kiyono, S. *see* Shibagaki, M. 1-17374
- Kiyose, R. *see* Okamoto, T. 1-45726
- Kiyose, R. *see* Tasaka, H. 1-43726
- Kiyoshige, M., Ryusuke, S. Warm working and recrystallization grain sizes in Ni-30%Cu alloy 1-3765
- Kiyoshige, M., Ryusuke, S., Kita, K., Yamane, T. Effect of working temperatures on recrystallization behavior of Ni-30% Cu alloy 1-16802
- Kiyota, K., Ueda, H., Yoshimura, T. ZnO photo-receptor for He-Ne laser 1-24468
- Kiyotsukuri, T., Jamshidi, K. Synthesis and properties of nylon copolymers by interfacial polycondensation 1-31415
- Kizhaev, S.A., Smolenskii, G.A. Magnetic properties of KNiPO_4 1-25909
- Kizhner, D.M. *see* Irgibaeva, I.S. 1-41433
- Kizilyali, H.M. Physics of solar energy cells 1-17208
- Kizilyali, H.M. MOS solar cells 1-17215
- Kizilyali, M., Welch, A.J.E. Solid-state reactions of some lanthanide orthophosphates with sodium carbonate 1-26404
- Kizner, Z.I. On a model of the western boundary current in a continuously stratified ocean 1-54130
- Kizukuri, Y., Namiki, M., Okano, K., Oshimo, N. Structure functions of electron-deuteron elastic scattering and deuteron magnetic moment in relativistic quark model 1-33187
- Kjaergaard, P. *see* Norgaard-Nielsen, H.U. 1-40564
- Kjaergaard Hansen, E. *see* Mouritsen, O.G. 1-12323
- Kjaldman, L.H., Kumar, P., Lopenov, M.T. Nuclear magnetism in metals: thermodynamics and magnetic resonance 1-52788
- Kjekshus, A. *see* Zwick, A. 1-12492
- Kjems, J.K. *see* Andersen, N.H. 1-3140
- Kjems, J.K. *see* Kakurai, K. 1-7823
- Kjems, J.K. *see* Knorr, K. 1-20350, 1-34863
- Kjoller, J. *see* Vegheholm, B. 1-32057
- Kjoller, J. *see* Vegheholm, B. 1-21766
- Klassen, T.O. *see* Groen, J.P. 1-25966
- Klabes, R. *see* Schiller, S. 1-20269
- Klabuhn, J. *see* Arestov, Yu.I. 1-36892
- Kladkevich, M.D. *see* Itskovskii, M.A. 1-26130
- Kladnitskaya, E.N. *see* Abdrakmanov, E.O. 1-722
- Kladnitskaya, E.N. *see* Dzhuikhadze, S.V. 1-36889, 1-36891
- Klaeboe, P. *see* Priebe, H. 1-14901
- Klaeboe, P. *see* Torneg, E. 1-14896, 1-48074
- Klaeboe, P. *see* Woldbaek, T. 1-1209
- Klaessig, F.C. *see* Wiedemeier, H. 1-34266
- Klaiffy, R.W. *see* Coleman, R.V. 1-34688
- Klaiffy, R.W. *see* Levy, P.W. 1-2512
- Klahr, J. *see* Aronson, S. 1-21759
- Klahre, G. *see* Grau, P. 1-7245
- Klais, O., Laufer, A.H., Kurylo, M.J. Atmospheric quenching of vibrationally excited $\text{O}_2(\Delta)$ 1-6228
- Klama, S. The role of quasi-local levels in quantum oscillations of the electrical conductivity 1-38794
- Klamecki, B.E. A thermodynamic model of friction 1-38445
- Klanner, R. *see* Daum, C. 1-14424, 1-28357
- Klapdor, H.V. Spectroscopy of yrast lines in light nuclei 1-50487
- Klapdor, H.V. Reactor neutrino oscillation experiments and the shape of the beta strength function 1-50559
- Klapdor, H.V., Oda, T. Microscopic calculation of the beta-decay of medium-mass and heavy nuclei up to the r-process path 1-44580
- Klapdor, H.V., Wene, C.O. Consequences of the fine structure of the beta-strength function in nuclear physics and astrophysics 1-45465
- Klapdor, H.V., Wene, C.O., Isosimov, I.N., Naimov, Yu.V. Beta-delayed fission and low-lying structures in the beta strength function 1-50681
- Klapdor, H.V. *see* Qaim, S.M. 1-5780
- Klapdor, H.V. *see* Wischniewski, I.N. 1-18605
- Klapisch, M., Bar-Shalom, A., Mandelbaum, P., Schwob, J.L., Zigler, A., Zmora, H., Jäckel, S. Nickel-like spectra of Tm XLII and Yb XLIII from laser produced plasma 1-1159
- Klapisch, R. *see* Liberman, S. 1-19057
- Klapper, M.H., DeBrota, D. Use of Caley-Menger determinants in the calculation of molecular structures 1-10631
- Klapproth, J.F., Rowe, W.S. BWR/6 rod withdrawal limiter generic statistical licensing basis 1-50810
- Klapwijk, T.M. *see* Mooij, J.E. 1-30870
- Klar, H. Spin polarisation of Auger electrons 1-24093
- Klare, G., Wolf, B., Krautter, J. Spectral evolution of Nova Cygni 1978 1-9523
- Klare, G. *see* Neckel, T. 1-9634
- Klaren, C.M., Verhoeven, J.D., Trivedi, R. Primary dendrite spacing of lead dendrites in Pb-Sn and Pb-Au alloys 1-26444
- Klarsfeld, S. An improved Padé approximant method for calculating Feynman amplitudes 1-23455
- Klarsfeld, S., Combarous, M. Analysis of convective thermal transfers in permeable porous insulators 1-51689
- Klarsfeld, S., Martorell, J., Sprung, D.W.L. OPE constraints on the deuteron wave function 1-36903
- Klassen, N.V., Osip'yan, Yu.A., Tabeev, E.F., Tal'yanskii, V.I. Anomalous dependence of the photoconductivity spectrum of cadmium sulfide on the sign of the wave vector of the light 1-52605
- Klatt, L. *see* Mamantov, G. 1-8629
- Klauder, J.R. Path integrals 1-18355
- Klaumunzer, S. *see* Schumacher, G. 1-25690
- Klaus, E.E. *see* So, B.Y.C. 1-42443
- Klaus, M. Removing cut-offs from one-dimensional Schrödinger operators 1-514
- Klaus, M. Non-regularity of the Coulomb potential in quantum electrodynamics 1-10109
- Klaus, M., Simon, B. Coupling constant thresholds in nonrelativistic quantum mechanics. II. Two cluster thresholds in N-body systems 1-27806
- Klaus, M., Simon, B. Coupling constant thresholds in nonrelativistic quantum mechanics. I. Short-range two-body case 1-49958
- Klaus-Werner Benz, Bausier, E. Growth of binary III-V semiconductors from metallic solutions 1-16675
- Klausner, R.D. *see* Blumenthal, R. 1-21990
- Klauss, H.-J. *see* Zouhar, G., Jr. 1-31513
- Klausz, R. Computerized tomography scanners 1-43998
- Klay, J.W., McFarland, W.J., Jr., Condos, S.G., Geha, A.S. Lung preservation and functional evaluation for transplantation: description of a new method of ventilation 1-22161
- Kleban, P. Lattice gas models for chemisorption on stepped surfaces 1-47384
- Kleban, P., Flagg, R. Chemisorption on stepped surfaces O/stepped W(110) 1-47385
- Kleban, P., Foreman, L., Davis, H.T. New electric-field scaling law for swarm experiments 1-51903
- Kleban, P. *see* Foreman, L. 1-51904
- Klebassadel, R.W. *see* Fenimore, E.E. 1-36435
- Klecker, B., Hovestadt, D., Gloeckler, G., Fan, C.Y. On the charge state of the anomalous oxygen component 1-40287
- Klecker, B. *see* Mobius, E. 1-17741
- Klee, H.W. *see* McDowell, M.W. 1-6632
- Kleef, T.A.M. *see* van Kleef, T.A.M.
- Kleef, Th.A.M. *see* van Kleef, Th.A.M.
- Kleef, Th.A.M. *see* van Kleef, Th.A.M.
- Kleefstra, M., Herman, G.C. Influence of the image force on the band gap in semiconductors and insulators 1-7739
- Kleemann, W., Schafer, F.J. Magneto-optical studies on ferromagnetic stripe domains in K_2CuF_4 1-12480
- Kleemola, H., Kumpulainen, J. A calculation method for determining the limit of flange wrinkling in the deep-drawing of cylindrical steel shells without blankholding 1-21519
- Kleier, D.A., Wadt, W.R. Molecular structure of mercurous halides: Hg_2F_2 and Hg_2Cl_2 1-45857
- Kleim, R. *see* Bath, A. 1-30706
- Kleimaier, M., Hutzler, B., Bocker, H. Space charge effects in negative rod-plane discharges 1-15588
- Kleimann, H. *see* Brissaud, M. 1-11275
- Kleimola, F.W. *see* Falls, O.B., Jr. 1-865
- Klein, A. Perspectives in the theory of nuclear collective motion 1-605
- Klein, A. Examples of the relationship between the shell model and the Bohr collective Hamiltonian: the multilevel extension of the Lipkin-Meshkov-Glick model 1-5714
- Klein, A., Ching Teh Li, Vassanji, M. Variational principles for particles and fields in Heisenberg matrix mechanics 1-5154
- Klein, A., Rafelski, H., Rafelski, J. IBM Hamiltonian, Bohr collective Hamiltonian and classical limit for an exactly soluble model with the symmetry of $\text{O}(5)$ 1-50526
- Klein, A., Vallieres, M. New method for studying the microscopic foundations of the interacting boson model 1-28401
- Klein, A., Vallieres, M. Relationship between the Bohr collective Hamiltonian and the interacting-Boson model 1-45437
- Klein, A.G. *see* De Roach, J. 1-36873
- Klein, B.M., Papaconstantopoulos, D.A., Boyer, L.L. Linear-combination-of-atomic-orbitals-coherent-potential-approximation studies of carbon vacancies in the substoichiometric refractory monocarbides NbC_x , TaC_x , and HfC_x 1-2856
- Klein, C.A. High energy laser optical train performance: a reassessment 1-37532
- Klein, D.E., Miles, J.B., Bull, S.R. Pressure drop measurements and flow visualization surrounding roughness elements 1-11406
- Klein, D.E. *see* Ross, M.A. 1-53528
- Klein, D.J. Extension of the Dirac identity 1-91
- Klein, D.J. Asymptotic distributions for self-avoiding walks constrained to strips, cylinders, and tubes 1-36576
- Klein, E. *see* Ben-Avraham, Z. 1-32478
- Klein, F. *see* Schoch, B. 1-23640
- Klein, F.F., Davis, D.A. The use of the time domain analyzed EEG in conjunction with cardiovascular parameters for monitoring anesthetic levels 1-35897
- Klein, F.S. *see* Dotan, I. 1-31844
- Klein, F.S. *see* Pizam, A. 1-39630
- Klein, F.W. *see* Wyss, M. 1-40073
- Klein, G. *see* Carvalho, M.J. 1-29833
- Klein, H. *see* Allen, P. 1-36856
- Klein, H. *see* Fritze, P. 1-14431
- Klein, H. *see* Grassler, H. 1-50414
- Klein, H. *see* Kostreza, S. 1-48790
- Klein, H.-J. Measurement of the dynamic emission spectrum of semiconductor laser diodes in the ps region 1-19340
- Klein, I.E., Sharon, J., Yaniv, A.E. A mechanism of oxidation of ferrous alloys by super-heated steam 1-53345
- Klein, J., Ball, R. Kinetic and topological limits on melt crystallisation in polyethylene 1-30099
- Klein, J., Voltz, R. Nanosecond time resolved radioluminescence studies of ion recombination in hydrocarbon solutions 1-53442
- Klein, J. *see* Taylor, R. 1-5386
- Klein, J.D., Cogan, S.F., Warshaw, G., Dudziak, N., Rose, R.M. Properties of microfilamentary superconducting composites produced by a modified external diffusion method 1-47834
- Klein, J.D., Warshaw, G., Dudziak, N., Cogan, S.F., Rose, R.M. On the suppression of Kirkendall porosity in multifilamentary superconducting composites 1-47835
- Klein, J.-P. Modelling of turbulent processes in upper marine layers (mixed layer and thermocline) 1-9163
- Klein, J.R. Do free quantum-mechanical wave packets always spread? 1-27699
- Klein, L.C., Yinnon, H., Uhlmann, D.R. Viscous flow and crystallization behavior of tektite glasses 1-22341
- Klein, L.C. *see* Brinker, C.J. 1-20479
- Klein, M.B. Stark cell devices for CO_2 lasers 1-41714
- Klein, M.B., Sipman, R.L. Large aperture Stark modulated retroreflector at $10.8 \mu\text{m}$ 1-41824
- Klein, M.J. *see* Komarov, M.M. 1-27418
- Klein, M.J. *see* Turegano, J.A. 1-44471
- Klein, M.L., McDonald, I.R. Is hydrogen chloride an associated liquid? 1-42287
- Klein, M.L., McDonald, I.R. Coupling of rotations and translations in cyanide crystals 1-52239
- Klein, M.L. *see* Hinchliffe, A. 1-46052
- Klein, M.L. *see* Impey, R.W. 1-42285
- Klein, M.L. *see* Kobashi, K. 1-20326
- Klein, M.L. *see* Maki, K. 1-47351
- Klein, M.L. *see* Murthy, C.S. 1-2576, 1-37294
- Klein, M.V. *see* Merlin, R. 1-52940
- Klein, P.B., Nordquist, P.E., Siebenmann, P.G. Thermal conversion of GaAs 1-8114
- Klein, P.H. *see* Allen, R. 1-29309
- Klein, P.H. *see* Soileau, M.J. 1-39195
- Klein, P.H. *see* Williams, R.T. 1-31166
- Klein, R. *see* Stockton, T.E. 1-41743
- Klein, R. *see* Theodorakopoulos, N. 1-7541
- Klein, R.L., Sandford, R.T., II, Whitaker, R.W. Two-dimensional radiation hydrodynamics calculations of the formation of (B associations in dense molecular clouds 1-44599
- Klein, R.L. *see* McNeely, J.B. 1-46572
- Klein, R.M., Onorato, P.K. Optical basicity of ternary glass systems 1-43144
- Klein, S.A., Andersen, P. Comments on 'Calculations of monthly average insolation on tilted surface' [by S.A. Klein with his reply] 1-8685
- Klein, S.A. *see* Buckles, W.E. 1-17156
- Klein, S.A. *see* Utzinger, D.M. 1-32039
- Klein, U. Remarks on recent attempts to eliminate quantum effects of inaccessible fields 1-28152
- Kleimberg, R.L., Ebert, L.B. NMR and ESR of 'graphite/AsF₅' and 'pyrene/AsF₅' 1-39000
- Kleimberg, R.L., Jacobson, A.J., Silbernagel, B.G., Halbert, T.R. NMR studies on H_2TaS_2 and D_2TaS_2 1-31059
- Kleimberg, R.L., Silbernagel, B.G. Lithium motion in $\text{Li}_{10}\text{TiS}_2$ and $\text{Li}_{10}\text{TaS}_2$ 1-16501
- Kleinclauss, J., Mainard, R., Fousse, H., Ciret, N., Bour, D. Thermomagnetic study of the antiferromagnetic solid solutions $\text{PmNO}_2\text{-QCoO}$ [$p+q=1$] 1-52785

- Kleinclauss, J. see Rigo, M.O. 1-11879
- Kleindienst, H., Muller, W. Variance minimization. A variational principle for accurate lower and upper bounds of the eigenvalues of a selfadjoint operator, bounded below 1-28846
- Kleiner, B., Graedel, T.E. Exploratory data analysis in the geophysical sciences 1-36063
- Kleiner, M. On the audience induced background noise level in auditoria 1-1757
- Kleiner, M. Speech intelligibility in real and simulated sound fields 1-46630
- Kleinert, H. Thermal expansion and Bragg reflexes in lattice textures of cholesteric liquid crystals 1-38267
- Kleinert, H. see Duru, I.H. 1-42907
- Kleinert, P., Schmidt, D., Kirchhof, J., Funke, A. About the oxidation of SiCl_4 and GeCl_4 in homogeneous gaseous phase 1-43657
- Kleinert, P. see Bottger, H. 1-43122
- Kleinheinz, P. Particle octupole exchange coupling in the γ -ray lines of terbium and dysprosium nuclei 1-45391
- Kleinheinz, P. see Daly, P.J. 1-23550
- Kleinheinz, P. see Reksad, J. 1-10295
- Kleinheinz, R.L. see Corbett, J.W. 1-13135
- Kleinlein, F. Influence of testing procedure on the determination of characteristic fracture parameters of brittle materials showing slow crack growth 1-4010
- Kleinlein, F.W. see Kriz, K. 1-4011
- Kleinman, A.M. see Yuen, W.W. 1-38508
- Kleinman, D.A., Miller, R.C. Relaxation of optically pumped electron spins through a virtual photon: experimental evidence in heavily Zn-doped GaAs 1-35090
- Kleinman, D.A. see Miller, R.C. 1-3478
- Kleinman, L. Reply to a comment on the electronic structure of nickel 1-34617
- Kleinman, L. Comment on the interpretation of the -3.3- and -2.8-eV features observed by Eberhardt and Plummer in Ni (001) photoemission 1-35147
- Kleinman, L., Grise, W.R., Mednick, K. Electron d-band width of nickel 1-2864
- Kleinman, L. see Amirav, A. 1-24202
- Kleinman, L. see Grise, W.R. 1-2915
- Kleinman, L. see Mednick, K. 1-34759
- Kleinpenning, T.G.M. 1/f noise of hot carriers in n-type silicon 1-52613
- Kleinpenning, T.G.M. Scattering mechanisms and 1/f noise in semiconductors 1-52614
- Kleinpöppen, H. see Zaidi, A.A. 1-19193
- Kleinrahm, A., Gunther, C., Hubel, H., Thirumala Rao, B.V., Broda, R. Magnetic moments of the 10^{-10} isomeric states in ^{203}Bi and ^{204}Bi 1-10318
- Kleinrahm, A. see Kroth, R. 1-18561
- Kleinsasser, A.W., Buhrman, R.A. High-quality submicron niobium tunnel junctions with reactive-ion-beam oxidation 1-38897
- Kleinsasser, A.W., Hunt, B.D., Callegari, A.C., Rogers, C., Tiberio, R., Buhrman, R.A. Submicron niobium tunnel junctions with reactive ion beam oxidation 1-47812
- Kleinschmidt, K.M., Dobson, J.F., Doddrell, D.M. On the theory of electron and nuclear spin relaxation in paramagnetic transition metal complexes. Rapid solvent induced electron spin relaxation in a discrete d^2 ($S=1$) complex 1-3236
- Kleinschmidt, M., Fischer, Th., Hammel, G., Hurster, W., Kern, K., Lehmann, L., Rossle, E., Schmitt, H. Production of positive pions by neutron-proton collisions 1-28337
- Kleinschmidt, P.D., Lau, K.H., Hildenbrand, D.L. Thermochemistry of the gaseous fluorides of samarium, europium, and thulium 1-43694
- Kleinstreuer, C., Holdeman, J.T. A triangular finite element mesh generator for fluid dynamic systems of arbitrary geometry 1-72
- Kleinstueck, K. see Gohar, I.A. 1-20218
- Kleinstueck, K. see Nghiep, D.M. 1-20232
- Kleinstueck, K. see San Martin, A. 1-16912
- Kleinstueck, K. see Vega, H. 1-25396
- Kleinstueck, K. see Zschech, E. 1-20030
- Kleintges, M. Multiplication of dislocations in copper 0.6 at.% aluminum single crystals 1-11757
- Kleintges, M., Haasen, P. Revised measurements of dislocation velocities in Cu-Al single crystals 1-11758
- Kleintjens, L. see Solc, K. 1-38247
- Kleintjens, L.A., Koningsveld, R. Lattice-gas treatment of supercritical phase behavior in fluid mixtures 1-30370
- Kleiss, R. see Berends, F.A. 1-33170, 1-50444
- Kleitz, M. see Levy, M. 1-2959
- Kleitz, M. see Pelloux, A. 1-35594
- Klekovkin, V.A., Selyatitskii, V.G., Eremshin, V.F. Measurement of components of inherent electric fields in the sea on small bases 1-27273
- Klekovkin, V.A., Zaitsev, Yu.A., Karnae, E.S., Mustafin, M.V., Fedin, K.I., Demin, B.N., Stavrov, K.G., Chernoburov, E.I. Buoy-based autonomous magnetic variational station 1-27264
- Klem, R.D. see Makdisi, Y. 1-14411
- Klema, E.D., Saladin, J.X., Alessi, J.G., Schmitt, H.W. Energy resolution of silicon surface-barrier detectors for alpha particles, oxygen ions, and fission fragments 1-28792
- Kleman, M. The general theory of disclinations 1-2328
- Kleman, M. Dislocations, disclinations and magnetism 1-2446
- Kleman, M., Lejcek, L. Screw dislocations in the smectic C phase of liquid crystals 1-20061
- Kleman, M. see Bourdon, L. 1-52053
- Klemann, L.P., Newman, G.H. $\text{LiB}(\text{CH}_3)_4$ -dioxolane electrolyte in rechargeable Li/TiS_2 cells 1-48814
- Klemann, L.P. see Newman, G.H. 1-21868
- Klemas, V. see Philpot, W.D. 1-21971
- Klemens, P.G. Theory of the pressure dependence of the lattice thermal conductivity 1-30499
- Klemens, P.G. see Madarasz, F.L. 1-52249
- Klemens, P.G. see Ratsifaritana, C.A. 1-20338
- Klement, W., Cohen, L.H. Solid-solid transition temperatures in SrCl_2 from differential thermal analyses to 0.6 GPa 1-3730
- Klement'ev, A.P. see Pavlovskii, A.I. 1-18931
- Klement'ev, I., Kyska, R. Improved measurements in soil mechanics through controlled tests 1-27165
- Klement'ev, V.M. see Zakhar'yash, V.F. 1-33666
- Klemin, V.A. see Gorski, S.M. 1-19498
- Klemke, I. see Olesen, H.P. 1-27966, 1-33939
- Klemke, I. see Olesen, H.P. 1-19662
- Klemm, D., Opfermann, J., Klemm, E., Gregori, M., Henneberg, H., Horhold, H.-H. Special-type temperature-control unit for the JENA-made SPECORD UV-VIS spectrophotometer for the investigation of photochemical reactions 1-33062
- Klemm, E. see Klemm, D. 1-33062
- Klemm, R. Horizontal array gain in shallow water 1-6708
- Klemm, R.A. see Hertz, J.A. 1-47898
- Klemm, R.A. see Scharnberg, K. 1-25846
- Klemm, U. see Haselbach, E. 1-51111
- Klemola, A. see Millis, R.L. 1-54408
- Klemola, A.R., Mink, D.J., Elliot, J.L. Predicted occultations by Uranus: 1981-1984 1-40419
- Klemola, A.R. see Mink, D.J. 1-40418
- Klempf, E. see Gastaldi, U. 1-14733
- Klent, V. see Backman, S.-O. 1-654
- Klenk, H. see Haken, H. 1-2192, 1-29855
- Klenk, J. see Tiziani, H.J. 1-6511
- Klenke, M., Thiem, H. A coupled flow and transport model for simulation of groundwater reservoir 1-54155
- Klenowicz, Z. see Szauer, T. 1-31723, 1-39513
- Klenze, R. see Kanellakopoulos, B. 1-47869
- Klenze, R. see König, E. 1-30920
- Klepaczko, J. see Malatynski, M. 1-15421
- Kleparskii, V.G. see Durasova, Yu.A. 1-21013
- Kleparskii, A.B. see Antipov, G.V. 1-18833
- Kleparskii, W.J. see Johnston, K.J. 1-49196
- Klepov, A.F. see Butslov, M.M. 1-36184
- Klepp, K., Parthe, E. Yttrium-nickel YNi with the FeB structure type 1-30135
- Klepp, K., Parthe, E. Stacking variants for doubly-connected systems arranged according to the percentages of hexagonal stacking 1-34357
- Klepp, K., Yvon, K. Thallium dithiotricaprate(I) 1-11727
- Kleppa, O.J. see Dantzer, P. 1-35565
- Kleppa, O.J. see Dantzer, P.G. 1-39606
- Kleppa, O.J. see Patacheodorou, G.N. 1-16046
- Kleppa, O.J. see Picard, C. 1-30420
- Kleppa, O.J. see Yokokawa, H. 1-30395
- Klepper, D.L., Cavanaugh, W.J., Marshall, L.G. Noise control in music teaching facilities 1-37704
- Klepper, J.R., Brandenburger, G.H., Mims, J.W., Sobel, B.E., Miller, J.G. Application of phase-insensitive detection and frequency-dependent measurements to computed ultrasonic attenuation tomography 1-53839
- Kleppner, D. see Castro, J.C. 1-24081
- Kleppner, D. see Cline, R.W. 1-1084, 1-29147
- Kleppner, D. see Zimmerman, M.L. 1-1168
- Kleptsyn, V.F. see Fistul', V.I. 1-53113
- Klerk, M. see Ihrig, H. 1-35103
- Klesbchev, A.S. see Vorob'ev, N.A. 1-48377
- Kleschinskii, L.I. see Udalova, L.V. 1-8259
- Kleshnin, N.N. see Vedernikov, G.V. 1-40231
- Klesnil, M., Lukas, P. Fatigue of metallic materials 1-48504
- Klesnil, M. see Polak, J. 1-3837, 1-48485
- Klesper, E. see Ziegenberg, K. 1-17054
- Klett, J.D. Stable analytical inversion solution for processing lidar returns 1-40189
- Klevanik, A.V., Shuvalov, V.A., Goryushkin, G.E. State of photohyphen and effect of magnetic field on luminescence yield of Chromatium minutissimum and photosystem II of green plants 1-17415
- Klevanik, A.V. see Shuvalov, V.A. 1-17359
- Klevans, E.H., Gary, S.P. Particle and energy end loss from a collisionless plasma 1-19935
- Klevetz, R.R. see King, G.A. 1-43917
- Klevtsov, P.V., Kim, G.G., Klevtsova, R.F. Thermal stability and synthesis of crystals of double molybdates $\text{K}_2\text{B}_2\text{F}_6(\text{MoO}_4)_2$ ($\text{R}=\text{Mg}, \text{Ni}, \text{Co}$, and Zn), and crystal structure of $\beta\text{-K}_2\text{Mg}_2(\text{MoO}_4)_3$ 1-3597
- Klevtsov, P.V., Perepelitsa, A.P., Sinkevich, A.V. The crystal structure and thermal stability of double tungstates of copper (I) and rare earths, $\text{CuLn}(\text{WO}_4)_2$ 1-32021
- Klevtsov, V.N. see Radomys'kii, I.D. 1-53248
- Klevtsova, R.F. see Klevtsov, P.V. 1-3597
- Klewe, R.C. see Adrain, R.S. 1-15655, 1-21815, 1-31958, 1-43730
- Kley, D. see Liu, S.C. 1-44256
- Kleyn, A.W., Gislason, E.A., Los, J. Vibronic excitation in $\text{K}+\text{O}_2$ collisions 1-14995
- Kleyn, A.W., Khromov, V.N., Los, J. Vibrational effects in $\text{K}, \text{Cs}+\text{O}_2$ collisions 1-14994
- Kliava, J., Purans, J. Simulation of EPR spectra of Mn^{2+} in glasses 1-16473
- Kliche, G. see Lutz, H.D. 1-52957
- Klieh, L., Rood, H.P.C. Radiative muon capture in ^3He as a way to determine $g(\pi^-\text{He}^3\text{H})$ 1-28472
- Kliem, W. Free and forced vibrations of a linear non-conservative system with multiple eigenvalues 1-51719
- Kliwer, K.L. Electromagnetic effects at metal surfaces: a nonlocal view 1-34762
- Kliger, G.K. see Ammosov, V.V. 1-40980
- Kliger, G.K. see Efremenko, V.I. 1-33173
- Kligerman, M.M. see Kelsey, C.A. 1-8993
- Kligerman, M.M. see Richman, C. 1-22138
- Klima, B. see Katzelson, E. 1-23508
- Klima, R., Pankratov, I.M., Pavlo, P., Petrizka, V.A. Nonlinear generation of spatial harmonics at the edge of lower hybrid heated plasma 1-29876
- Klimachev, A.F. see Khusainov, B.G. 1-229
- Kliman, V., Bily, M. Influence of mode control, mean value and frequency of loading on the shape of complete cyclic stress-strain curve 1-3839
- Kliman, V., Bily, M. The influence of mode control, mean value and frequency of loading on the cyclic stress-strain curve 1-8381
- Klimanek, P. see Bergner, D. 1-21556
- Klimas, A. see Cooper, J. 1-19864
- Klimashin, V.P. see Sebko, S.E. 1-40856
- Klimashina, E.V., Prozorovskaya, N.V. Effect of dopant elements on the γ -radiation resistance of vitreous silica 1-52978
- Klimashov, A.A. see Vaisberg, O.L. 1-9340
- Klimacik, C.M. see Cooper, D.E. 1-37284
- Klimchuk, M.A. see Pereygin, I.S. 1-1231
- Klimek, D. Modeling of electron-beam-excited, short-pulse KrF lasers 1-37483
- Klimek, D., Hsia, J. Temperature dependence of the rate constants for the three body quenching reactions in the KrF^+ laser system 1-37484
- Klimenko, E.Yu. see Dorofeyev, G.L. 1-7795
- Klimenko, E.Yu. see Imenitov, A.B. 1-50153
- Klimenko, G.A. see Pan, V.M. 1-25849
- Klimenko, I.S. see Volkov, I.V. 1-51421
- Klimenko, M.M., Krzhizhanovskii, R.E., Sherman, V.E. Pulsed method for determination of thermal diffusivity 1-15375
- Klimenko, N.M., Zyubin, A.S., Charkin, O.P. Quantum-chemical calculations of electronic structures and molecular properties within the framework of approximate schemes of zero differential overlap. II. Results of specific calculations of molecular properties within the framework of semiempirical ZDO schemes 1-6151
- Klimenko, S.V. see Antipov, Y.D. 1-5663, 1-45376
- Klimenko, V.A. see Kondilenko, I.I. 1-33471, 1-43129
- Klimenko, V.A. see Mikhailovskii, A.B. 1-29858
- Klimenko, V.S. Detonation spray-deposition of alumina at various degrees of filling of the barrel with carrier GAS 1-12685
- Klimenko, V.S., Skadin, V.G. Conditions of formation of nickel coatings in detonation deposition 1-39534
- Klimenko, V.S., Skadin, V.G., Alifanov, Yu.P. Detection of regions of physical contact between detonation-deposited coatings and basis metals 1-39568
- Klimenko, V.V. Film boiling on a horizontal plate—new correlation 1-33880
- Klimenko, V.V. see Andrievskii, R.A. 1-21530, 1-31402
- Klimenko, V.V. see Filippov, A.T. 1-36137
- Klimenko, V.Yu., Dremin, A.N. Structure of a shock-wave front in a liquid 1-2030
- Klimenko, V.Yu., Dremin, A.N. Structure of a shock-wave front in a solid 1-30325
- Klimenko, Yu.G., Rabinovich, M.I., Krasnaya, L.F. Determining rate of circulation of solid phase and interphase heat exchange surface in equipment with spouting layer 1-1974
- Klimes, N. see Schwarz, D. 1-312
- Klimke, A. see Bopp, B.W. 1-9519
- Klimo, V., Tino, J. Study of potential curves by UHF-type methods. I. Dissociation limits of diatomic molecules 1-19021
- Klimo, V., Tino, J. Study of potential curves by UHF-type methods. II. Diatomic hydrides of second row metals 1-19022
- Kimov, A.I., Meleshko, E.A., Nikol'skii, B.A., Selivanov, V.I. Highly accurate spectrometer for muon experiments 1-37049

- Klimov, A.I., Meleshko, E.A., Selivanov, V.I. Device for timing the middle of a varying time interval 1-45796
- Klimov, A.I. see Grebinnik, V.G. 1-43054
- Klimov, B.N. see Amirov, R.Kh. 1-30776
- Klimov, N.S. see Alekseev, V.E. 1-33655
- Klimov, S.P., Merkulov, V.N., Stepanov, D.V., Tyutekin, V.V. Method for measurement of the phase velocities and amplitudes of normal modes in multimode waveguides 1-37658
- Klimov, V.A. see Andreev, G.A. 1-25441, 1-25443
- Klimov, V.D., Kuz'menko, V.A., Legasov, V.A. Molecular absorption of pulsed CO₂ laser radiation in the presence of a buffer gas 1-6241
- Klimov, V.D. see Eletskii, A.V. 1-28896, 1-51210
- Klimov, V.I. see Boiko, G.A. 1-8104
- Klimov, V.V. Infrared behaviour of polarisation operator in scalar electrodynamics at finite temperatures 1-18406
- Klimov, V.V. see Fajer, J. 1-53757
- Klimov, V.V. see Kalashnikov, O.K. 1-469
- Klimov, Yu.V. see Borovo, A.A. 1-18603
- Klimovitskaya, N.M. Summed monomeric flows of gas mixtures with bimolecular chemical reactions 1-11477
- Klimovitskii, V.G. see Grechnev, K.V. 1-9345
- Klimovskii, I.I. see Batenin, V.M. 1-6544, 1-51459
- Klimpke, C.M. see Landsberg, P.T. 1-13129
- Klimszova, J. see Brepta, R. 1-1855
- Klimuk, P.I. see Bruns, A.V. 1-27441
- Klimusheva, G.V. see Zagainova, L.I. 1-31171
- Kline, J.M. see Sulzmann, K.G.P. 1-19085
- Kline, L.E. Total inelastic cross section for CH₄ predicted from swarm data 1-37339
- Kline, L.E. see Mitchell, R.R. 1-38114
- Kline, R. see Cohen, I. 1-39901
- Kline, R.A., Chang, F.H. Composite failure surface analysis 1-48475
- Klinedinst, K.A., Murphy, F.G. A seawater battery based upon the sulfuryl chloride/magnesium couple 1-48812
- Kling, C.L., Hubbard, F.R., III, Fader, G.B., Jaquith, R.E. The impact of multiple failures and operator errors on NSSS safety functions 1-14659
- Klingenberg, K., Huber, M.G. Excitation of A⁺ resonances in cold inelastic electron scattering 1-28466
- Klingenberg, A. A new comparison microscope 1-343
- Klingenstein, W. see Schweizer, H. 1-26264
- Klinger, J. Influence of a phase transition of ice on the heat and mass balance of comets 1-17790
- Klinger, J.S. see Day, C.T. 1-45312
- Klinger, M.I. Mechanism of low-temperature capture of a defect by an attractive center in a crystal 1-20257
- Klinger, S. see Zieliński, H.G. 1-19480
- Klinger, W., Bohm, R., Sandner, W., Wittmann, W. Magnetic moments of the isomeric ¹¹³/₂ states in ¹⁴³/₁₄₇Eu 1-23561
- Klinger, W. see Hoth, S. 1-52536
- Klingler, J.W., Nelson, A.D., Andrews, L.T., Leighton, R.F., Gupta, M. Phase plane analysis as a sensitive indicator of left ventricular kinetics 1-13283
- Klinglesmith, D.A., III see Feibelman, W.A. 1-17787
- Klingner, P.L. see Sherwood, A.R. 1-34112
- Klingshirn, C. see Haug, H. 1-47695
- Klingshirn, C. see Kurtze, G. 1-52938
- Klingshirn, C. see Maier, W. 1-26270
- Klingsporn, P.E. Minimum and absolute minimum spherical aberration of a simple, thin lens 1-9798
- Klink, J.J. van der see van der Klink, J.J.
- Klinke, E., Zoril, U. The importance of the eye's spectral sensitivity in retroreflection measurements of street signs 1-48995
- Klinkhamer, F.R. On periodic variations in the dark regions and on the canals of Mars 1-17780
- Klinkhamer, F.R. Groups of galaxies with large crossing times 1-27621
- Klinkhamer, F.R., Branco, G., Derendinger, J.P., Hut, P., Masiero, A. Heavy right-handed neutrinos and the early Universe 1-54360
- Klinkhamer, F.R., Norman, C.A. Massive neutrinos and galaxy formation 1-49865
- Klinkhammer, G.P. see Lupton, J.E. 1-13489
- Klinman, R., Webster, G.R., Marsh, F.J., Stephenson, E.T. Ultrasonic prediction of grain size, strength and toughness in plain carbon steel 1-34625
- Klinov, A.V. see Belanova, T.S. 1-23663
- Klitschich, S.I., Semashko, A.P. Build-up of the chemical hydrogen bond potential in transition metals 1-20114
- Kliore, A.J., Patel, R., Lindal, G.F., Sweetnam, D.N., Hotz, H.B., Waite, J., Jr., McDonough, T.R. Structure of the ionosphere and atmosphere of Saturn from Pioneer 11 Saturn radio occultation 1-40401
- Klippel, H.T. Safety aspects of fusion reactors 1-18882
- Klippel, W., Warneke, P. The formaldehyde content of the atmospheric aerosol 1-13503
- Klipping, G. see Chikaba, J. 1-47801
- Klipping, G. see Denner, H.D. 1-44938
- Klipping, I. see Denner, H.D. 1-44938
- Klitzing, K. von see von Klitzing, K.
- Klitzing, K.V., Englert, T., Bangert, E., Fritzsche, D. Transport properties of a two-dimensional electron gas at the surface of InP-field effect transistors 1-52639
- Klobouk, B. Effect of voltage on precipitation properties of electrostatic precipitators 1-13200
- Klobuchar, J.A., Aarons, J. Studies of equatorial irregularity patches using SIRIO VHF transmissions 1-22568
- Klobuchar, J.A. see Essex, E.A. 1-40254
- Klobuchar, J.A. see Hendrickson, D.H. 1-22570
- Klobuchar, J.A. see Kersley, L. 1-4697
- Klobuchar, J.A. see Santimay Basu 1-4693
- Kloc, D.A. see Hussey, T.W. 1-34109
- Kloc, K. see Cisowski, J. 1-38772
- Klochan, E.L., Popov, S.P., Fedorov, G.M. Thermal instability caused in a transparent dielectric by a quasi-CW laser pulse 1-43225
- Klochikhin, A.A. Renormalization of a Wannier-Mott exciton spectrum by Frohlich interaction 1-25644
- Klochikhin, A.A., Permogorov, S.A. Resonance secondary exciton emission 1-12558
- Klochikov, K.N. see Strokach, A.P. 1-44942
- Klochikov, V.P., Bogdanov, V.L. Anomalous luminescence properties of 1,6-diphenylhexatriene and their interpretation 1-33494
- Kloczkowski, A. see Stecki, J. 1-42295
- Kloet, W.M., Tjon, J.A., Silbar, R.R. Pseudo resonance behavior in nucleon-nucleon scattering 1-50521
- Kloet, W.M. see Dubach, J. 1-33198
- Kloholm, E. see McGuire, T.R. 1-7588
- Klokov, Yu.K. see Egorov, V.N. 1-41896
- Klokova, N.P., Bulycheva, V.P., Gorkina, Z.G., Ogneva, I.V., Sayapina, S.I. Strain-gauge resistors for strength tests 1-14109
- Klokova, N.P., Ignatov, A.V., Panchenko, I.N., Kuznetsova, A.F., Umnova, T.A. Elastic irregularities in the beam and strain-gauge system 1-44903
- Klokova, N.P. see Beklemishchev, A.I. 1-5303
- Klomp, J.T., Van De Ven, A.J.C. Parameters in solid-state bonding of metals to oxide materials and the adherence of bonds 1-8524
- Klonz, M., Wilkins, F.J. Multijunction thermal converter with adjustable output voltage/current characteristics 1-36693
- Klonz, M., Wilkins, F.J., Zirpel, R. A measurement transformer for establishing accurate voltage division in thermal converter measurements up to 1000 V and 100 kHz 1-36621
- Klooster, A. see Cindrich, I. 1-17768
- Klooster, P. van 't see van 't Klooster, P.
- Klooster, P. van 't see Van 't Klooster, P.
- Klootwijk, C.T., Bingham, D.K. The extent of Greater India. III. Palaeomagnetic data from the Tibetan Sedimentary Series, Thakkhola region, Nepal Himalaya 1-32346
- Klopatek, J.M. Ecology, energy and environment 1-32059
- Klopper, L.E. see Champagne, A.B. 1-27708
- Klopper, W. see Rippen, G. 1-21253
- Kloppel, K.D., Seidel, W. Investigation of monolayers at high primary ion current densities 1-31956
- Kloppel, K.-D., Seidel, W. A plasma ion source with plane beam profile for UHV-SIMS measurements 1-23910
- Kloppel, M. Dissolution of night-time ground-based inversions by convective processes 1-27235
- Klos, D.B., Wierman, R.W., Kelly, V.P., Yount, J.A. Remote handling features of the fusion materials irradiation test (FMIT) facility 1-50940
- Klose, E. see Berndt, K. 1-29253
- Klose, G., Lochmann, R., Ludwig, E., Uhlemann, E. Tautomerism in monothio-β-diketones studied by PMR and quantum chemical calculations 1-51228
- Klose, S. see Weissmantel, C. 1-12671
- Klossa, B., Pierre, A., Minster, J.-F. Measurements of the lithium isotopic composition of refractory inclusions in the Allende meteorite 1-40431
- Klosterman, E.L. see Levin, L.A. 1-37469
- Klostermann, J.A. see Landheer, D. 1-26636
- Klots, C.E. The time-of-flight mass spectrometer: a poor man's SIMS device 1-40891
- Klots, C.E. see Baer, T. 1-19135
- Klotyn'sh, E.E., Neikhart, M.Kh., Petrov, V.K. Study of local electrophysical properties of semiconductors using laser irradiation 1-3014
- Klotyn'sh, E.E. see Kirson, Ya.E. 1-47687
- Klotz, A.H. Flat space-time and the nonsymmetric unified field theory 1-23083
- Klotz, A.H. A note on geometry of the new cosmology 1-36548
- Klotz, G. see Huck, A. 1-23609
- Klovning, A. see Berger, C. 1-5636
- Klovning, A. see Berger, Ch. 1-14404, 1-23511, 1-42525, 1-45331, 1-50412
- Kluber, O. see Niedermeyer, H. 1-25040
- Klubickova, B. see Matyas, M. 1-20772
- Kludzin, V.V., Kulakov, S.V., Preslenev, L.N. Features of the light distribution at the output of an acousto-optical modulator with a polarizing transparency 1-46547
- Klueh, R.L. Creep of decarburized and aged 2 1/4 Cr-1 Mo steel 1-35348
- Kluev, V.A. see Derjaguin, B.V. 1-16670
- Klug, D.D., Whalley, E. Elliptic phase boundaries between nematic and smectic phases 1-38519
- Kluge, G., Heimbrodt, W. Calculation of the relationship between the Eggert and Kuster granularity value and the mean grain diameter 1-5421
- Kluge, G. see Petrova, W. 1-26293
- Kluge, H. see Andrews, H.R. 1-18559
- Kluge, H. see Homeyer, H. 1-50649
- Kluge, J. see Brinkmann, U. 1-6407, 1-21816, 1-41680
- Klugel, W. see Amols, H.I. 1-49063
- Klugow, J. see Gensch, U. 1-595
- Kluk, E., Pasterny, K., Papiez, L. Basic properties of the planar itinerant oscillator 1-44839
- Klukhin, V.I. see Ammosov, V.V. 1-40980
- Klumpar, D.M. see Benson, R.F. 1-36112
- Klumppe, P. see Abdel-Khalik, S.I. 1-5989
- Klundert, L.J.M. van de see van de Klundert, L.J.M.
- Klundert, L.J.M. van der see van der Klundert, L.J.M.
- Klut, M. see Swings, J.P. 1-13774
- Kluwick, A. Unsteady, turbulent flow in pipes 1-6889
- Kluwick, A. On the non-linear distortion of waves generated by flat plates under harmonic excitations [and reply] 1-41901
- Kluyver, J.C. see Mazzucato, M. 1-50462
- Kluyver, J.G. Elementary particles: from nucleons to quarks 1-10148
- Klyachko, A.V. see Benetskij, B.A. 1-688
- Klyagina, A.P., Levin, A.A., Gutzev, G.L. DVM Xα calculations of the electronic structure of the SF₆ molecule 1-33396
- Klyain, A.R. see Gaisler, V.A. 1-40874
- Klyatskin, V.I. see Bakkin, G.I. 1-11042, 1-14070, 1-18050, 1-33603, 1-36504
- Klyava, Ya.G., Purans, Yu.Ya. ESR study of the structural disorder of phosphate glasses 1-43005
- Klyava, Ya.G. see Amanis, I.K. 1-12399
- Klyavin', Ya.Ya. see Broka, M.E. 1-48340
- Klykov, V.I., Sheftal, N.N., Hartmann, E. Artificial epitaxy (diataxy) of silicon and germanium 1-7482
- Klykov, V.I. see Hartmann, E. 1-7422
- Klykov, V.I. see Krivenko, V.M. 1-32177
- Klymkiv, A.V. see Prokhorov, V.A. 1-31323
- Klyshko, D.N. Use of two-photon light for absolute calibration of photoelectric detectors 1-50211
- Klyubin, V.V. see Braginskaya, T.G. 1-41587
- Klyucharev, A.P. see Shumilov, S.N. 1-50611
- Klyucharskii, A.V. A new method of calculating a double-channel seismograph 1-40235
- Klyuchikov, E. see Abramov, V.V. 1-29536
- Klyuchnik, A.V., Lozovik, Yu.E. Pinning and fluctuation interband mechanism of the destruction of a long-range order in exciton phases 1-2883
- Klyuchnik, A.V. see Lozovik, Yu.E. 1-34459
- Klyuchnikov, V.M. see Kudryavitskii, A.L. 1-46538
- Klyuchnikov, Yu.F. see Spivak, M.M. 1-23249
- Klyuev, N.A. see Shurukhin, Yu.Ya. 1-37349
- Klyuev, V.V., Vainberg, E.I., Kazak, I.A., Kurozaev, V.P. Computational tomography - a new radiation method of nondestructive testing. I 1-39575
- Klyuev, V.V., Vainberg, E.I., Kazak, I.A., Kurozaev, V.P. Computational tomography - a new radiation method of nondestructive testing. II 1-39576
- Klyukanov, A.A., Muntyan, A.P., Pokatilov, E.P. Polar transport and absorption of light in semiconductors 1-25650
- Klyukhin, V.I. see Efremenko, V.I. 1-33173
- Klyukin, A.A., Kolesnikov, Yu.B., Levin, V.B. Experimental investigation of a free rotating layer in an axial magnetic field. I. Stable conditions 1-19832
- Klyukin, L.M., Namiot, V.A. Possibility of detecting a small object in a semi-infinite solid 1-41940
- Kmiec, A. Hydrodynamics of flows and heat transfer in spouted beds 1-6854
- Kmit, G.I. see Kabashnikov, V.P. 1-1813
- Knaak, W. see Busse, W. 1-47033
- Knaap, H.F.P., Kuser, I. Transport phenomena in molecular Knudsen gas 1-24845
- Knaap, H.F.P. see Benakker, J.J. 1-46838
- Knaap, H.F.P. see Douma, B.S. 1-2125
- Knaap, H.F.P. see Van Den Hout, K.D. 1-28985, 1-28986
- Knaab, G.G. see Urusovskaya, A.A. 1-20300
- Knaab, E.-A. see Chao, S.S. 1-25593
- Knaab, E.-A. see Vook, R.W. 1-47349
- Knacke, R.F., Kratschmer, W. Infrared spectra of hydrated silicates, carbonaceous chondrites, and amorphous carbonates compared with interstellar dust absorptions 1-35974

- Knacke, R.F., Young, E.T. Detection of the S(9), $\nu=0-0$ rotation line of the hydrogen molecule in Orion 1-49778
- Knak Jensen, S.J. *see* Mouritsen, O.G. 1-3129, 1-12293, 1-12323, 1-38947, 1-42948
- Knake, H., Meuche, W. More correct consideration of dispersion in the determination of elastic constants by means of resonant rod vibrations 1-15391
- Knap, A.H., Iliffe, T.M., Butler, J.N. Has the amount of tar on the open ocean changed in the past decade? 1-4219
- Knap, W. *see* Wittlin, A. 1-7667, 1-47948
- Knape, G. Brillouin scattering in molten NaNO_3 : the Landau-Pealeczak ratio 1-37678
- Knapik, J. *see* Daum, C. 1-14736
- Knapp, E.W., Fischer, S.F. On the theory of homogeneous and inhomogeneous line broadening. An exactly solvable model 1-37265
- Knapp, G.R., Phillips, T.G., Huggins, P.J. Detection of CO emission at 1.3 millimeters from the Betelgeuse circumstellar shell 1-44556
- Knapp, G.R., Phillips, T.G., Huggins, P.J., Leigh-ton, R.B., Wannier, P.G. Detection of the CO J=2-1 line in M82 and IC 342 1-9608
- Knapp, G.S. *see* Karim, D.P. 1-31235
- Knapp, J., Hill, H.A., Caudell, T.P. On the study of global oscillations of the Sun via fluctuations in the solar limb darkening function 1-27476
- Knapp, J. *see* Caudell, T.P. 1-27463
- Knapp, J.A., Follstaedt, D.M. A channeling study of Sb trapping in Fe-Ti-C-Sb alloys 1-34381
- Knapp, K.T. *see* Gendreau, R.M. 1-26866
- Knapp, R.D. *see* Seymour, R.B. 1-13004
- Knappenberger, C.W. *see* Estabrooks, D.C. 1-19414
- Knauer, G.A. *see* Martin, J.H. 1-32467
- Knauer, W. *see* Gerber, J. 1-16513
- Knauf, K. *see* Hollnagel, R. 1-8644
- Knauss, D.C., Evans, G.T. Liquid state torsional dynamics of butane: the Kramers rate and the torsion angle correlation times 1-8562
- Knauss, W.G., Kenner, V.H. On the hygrothermo-mechanical characterization of polyvinyl acetate 1-11805
- Knauss, W.G. *see* Romanko, J. 1-12780
- Knauth, L.P., Kumar, M.B., Martinez, J.D. Iso-topo geochemistry of water in Gulf Coast salt domes 1-13433
- Knechtli, R.C., Kamath, G.S., Ewan, J., Loo, R.Y. Development of space-qualified GaAs solar cells 1-39793
- Kneer, F. Multidimensional radiative transfer in stratified atmospheres. III. Non-LTE line formation 1-40447
- Kneer, F. *see* Mattig, W. 1-36240
- Kneer, F.J., Mattig, W., Nesis, A., Werner, W. Coherence analysis of granular intensity 1-22758
- Kneizlik, J. *see* Kapoun, K. 1-15574
- Kneisel, P. *see* Euryya, T. 1-41262
- Kneissl, U. *see* Gunther, W. 1-23636
- Kneizys, F.X. *see* Settle, B.P. 1-9243
- Knell, V.Y., Khastava, E.D. Improving the characteristics of measuring circuits by structural methods 1-28028
- Kneppe, P. Measuring the cardiac electrical field 1-32302
- Knesaurek, K., Spaventi, S. Extended three-compartment model for the transport and distribution of Hippuran 1-48942
- Knessl, Z. *see* Kunz, L. 1-8412
- Knessl, O. Variable-wavelength interference filters and their use in instrumentation 1-29375
- Knets, I.V. *see* Melnis, A.E. 1-17436
- Kneubuhl, F.K., Affolter, E. Waveguide distributed-feedback gas lasers 1-33719
- Kniazev, V.V. *see* Ajinenko, I.V. 1-592, 1-5667, 1-23525
- Kniazev, V.V. *see* Chliapnikov, P.V. 1-599, 1-36886
- Kniazev, V.V. *see* Denegri, D. 1-28356
- Knief, R.A. Potential impacts of material safeguards on nuclear criticality safety 1-50794
- Knier, R. Solid state phase relations in the ternary Se-Te-I system 1-21429
- Knier, W. *see* Kunzel, W. 1-51487
- Knies, G. Recent results on $\gamma\gamma$ and e^+e^- annihilation from the PLUTO experiment 1-45252
- Knies, G. *see* Berger, C. 1-5636, 1-10209
- Knies, G. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Knight, A., Green, B.M.R., Hipkin, J. Air monitoring in Cumbria 1-35732
- Knight, A.E.W. *see* Lawrence, W.D. 1-17031
- Knight, A.R. *see* Clouthier, D.J. 1-14864
- Knight, C.A. *see* Robertson, D.S. 1-44085
- Knight, C.E. *see* Ken Knight, C.E.
- Knight, C.T.G. *see* Harris, R.K. 1-26045
- Knight, C.W. *see* Compton, E.C. 1-36751
- Knight, D.J.E. Ordered list of optically-pumped laser lines (continuous, $\lambda > 9 \mu\text{m}$) 1-49886
- Knight, D.J.E., Edwards, G.J., Pearce, P.R., Cross, N.R. Measurement of the frequency of the 3.39- μm methane-stabilized laser to ± 3 parts in 10^{11} 1-36631
- Knight, F.K. *see* Gruber, D.E. 1-22837
- Knight, F.K. *see* Primini, F.A. 1-49830
- Knight, J.D., Orth, C.J., Schillaci, M.E., Naimann, R.A., Hartmann, F.J., Reidy, J.J., Schneuwly, H. Coulomb capture rates of negative muons in $\text{N}_2 + \text{O}_2$, NO, and CO 1-15039
- Knight, J.F., Perona, J.J. Simulation of mass transfer processes in geothermal power cycles with direct contact heat exchange 1-53552
- Knight, J.L., Jr., Salvendy, G., Geddes, L.A., Jans, K., Smith, E. Monitoring the respiratory and heart rate of assembly-line factor workers 1-13339
- Knight, J.M. *see* Aharonov, Y. 1-23452
- Knight, J.R. *see* Ford, W.E. III 1-10464
- Knight, L.B., Jr., Wise, M.B., Childers, A.G., Davidson, E.R., Daasch, W.R. The generation and ESR investigation of the BeF radical in rare gas matrices 1-24173
- Knight, L.B., Jr., Wise, M.B., Childers, A.G., Davidson, E.R., Daasch, W.R. The generation and ESR investigation of the BeF radical in rare gas matrices 1-24173
- Knight, M. *see* Whitney, J.M. 1-16867
- Knight, M.J. *see* Garner, C.D. 1-10784
- Knight, P.L. Theory of near-resonant spontaneous Raman scattering spectra 1-24154
- Knight, P.L. Saturation of multiphoton processes 1-28941
- Knight, P.L., Coleman, P.E. Subnatural linewidth spectroscopy 1-18304
- Knight, P.L., Milonni, P.W. The Rabi frequency in optical spectra 1-24069
- Knight, P.L. *see* Coleman, P.E. 1-41349, 1-41357
- Knight, R.B.D. A temperature off-limit alarm 1-9984
- Knight, R.C., Dewhurst, R.J., Ramsden, S.A. Efficient burst-mode operation of a very high repetition-rate Nd:YAG laser 1-19351
- Knight, R.D. *see* Prior, M.H. 1-19051
- Knight, R.E., Sanders, F.C. S, P, and D states of three-electron ions via Z-dependent perturbation theory 1-1090
- Knight, R.J. *see* Llewellyn-Jones, D.T. 1-9995
- Knighton, R.W. *see* Fuller, D. 1-35817
- Knight, C.F. *see* DeVan, J.H. 1-28694
- Knight, J. *see* Mort, J. 1-7637
- Knight, J.C., Lucovsky, G. Hydrogen in amorphous semiconductors 1-52067
- Knight, J.C. *see* Mort, J. 1-34742
- Knight, J.C. *see* Reimer, J.A. 1-43025, 1-47957
- Knight, J.C. *see* Street, R.A. 1-21265
- Knigin, P.I. *see* Aronov, D.A. 1-20818
- Knippelberg, W. *see* Becker, O. 1-31294
- Knipper, A. *see* Ben Brakham, A. 1-660
- Knipper, A. *see* Huck, A. 1-23609
- Knipper, A. *see* Marguer, G. 1-23588
- Knipper, A. *see* Schuck, C. 1-10351
- Knipping, U. *see* Kathrein, H. 1-20733
- Knishevskaya, L.V., Kotov, M.N., Laurinavicius, A.K., Shugurov, V.K. Magneto-plasma resonances in a semiconductor sphere 1-20792
- Knisley, J.R. Designing a solar total-energy system for an industrial plant 1-8670
- Knispel, R. *see* Gade, S. 1-21053
- Knitter, R.W., Kouvel, J.S. Field-induced magnetic transition in a Cu-Mn spin-glass alloy 1-25957
- Knitterscheidt, H., Sandner, R. If it becomes too noisy 1-1764
- Knitterscheidt, H., Sandner, R. Noise attenuation of standby generator sets 1-15322
- Knittl, Z. Control of polarization effects by internal antireflection 1-37405
- Knizhikov, V.A. *see* Vorob'ev, E.I. 1-26857
- Knobel, R., Freund, F. Atomic carbon in magnesium oxide. IV. Carbon dioxide evolution under argon and oxygen 1-21717
- Knobel, R. *see* Freund, F. 1-21718, 1-27101
- Knoblauch, G. Transmission of information by light conductors in industry applications (plug connectors, distributors) 1-19426
- Knobler, C.M., Scott, R.L. Indirect determination of concentrations in coexisting phases 1-38501
- Knobler, C.M. *see* Dole, J.L. 1-3424
- Knobloch, E. Convection in binary fluids 1-6857
- Knobloch, E. *see* Margolis, S.H. 1-13749
- Knoch, H., Gazza, G.E. On the α to β phase transformation and grain growth during hot-pressing of Si_3N_4 containing MgO 1-48304
- Knoch, H., Gazza, G.E., Katz, R.N. The influence of processing parameters on development of microstructure in hot-pressed silicon nitride and its correlation with mechanical properties 1-16738
- Knoekel, H., Tiemann, E., Zoglowek, D. Line broadening by predissociation in the spectrum of IBr 1-46042
- Knodler, H. *see* Franek, H.J. 1-31701
- Knodler, C.M. *see* Voss, R.F. 1-7793
- Knoll, L., Weber, G. Absorption and light scattering of stationary and non-stationary incident radiation. I. General theory 1-14859
- Knolle, W.R., Maxwell, H.R., Jr. A model of SIPOS deposition based on infrared spectroscopic analysis 1-20580
- Knolle, W.R., Maxwell, H.R., Jr., Benenson, R.E. Hydrogen in semi-insulating polycrystalline silicon films 1-3378
- Knollenberg, R.G. *see* Griffith, K.T. 1-17669
- Knoner, R. *see* Bewilogua, L. 1-15479
- Knop, G. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Knop, O. *see* Westerhaus, W.J. 1-16558
- Knopf, K. *see* Koester, L. 1-1324
- Knopfle, K.T. *see* Breuer, H. 1-14445
- Knopfle, K.T. *see* Stuirbrink, A. 1-18658
- Knopoff, L., Rydelek, P.A. Observations of sidereal motions of the Earth's surface 1-35931
- Knopoff, L. *see* Chatterjee, A.K. 1-29610
- Knopoff, L. *see* Hill, T.G. 1-38452
- Knopoff, L. *see* Kagan, Y.Y. 1-53996
- Knopoff, L. *see* Landoni, J.A. 1-32372
- Knopoff, L. *see* Zurn, W. 1-35946
- Knopp, T.J. *see* Schmid, E.R. 1-26926
- Knops, H.J.F. Renormalization connection between the eight-vertex model and the Gaussian model 1-23116
- Knops, H.J.F., den Ouden, L.W.J. Momentum space renormalization for the sine-Gordon model 1-14073
- Knorr, G., Joyce, G., Marcus, A.J. Fourth-order Poisson solution for the simulation of bounded plasmas 1-19950
- Knorr, G., Mond, M. The representation of shock-like solutions in an Eulerian mesh 1-19752
- Knorr, G. *see* Marcus, A.J. 1-19943
- Knorr, K., Loidl, A., Kjems, J.K. Soft modes and mode splitting in paramagnetic TbP 1-20350
- Knorr, K., Loidl, A., Kjems, J.K. Singlet ground state magnetism. III. Magnetic excitons in antiferromagnetic TbP 1-34863
- Knorr, K. *see* Le Dang, K. 1-31052
- Knorr, K. *see* Murani, A.P. 1-30911
- Knoket, M.L. Characterization of hydrogen species on metal-oxide surfaces by electron-stimulated desorption: TiO_2 and SrTiO_3 1-34577
- Knoket, M.L., Jones, V.O., Rehn, V. Photon-stimulated desorption by core level excitation: density of states and extended fine structures 1-38664
- Knoket, O., Reimann, H. Furnace-melted surface layers from carbide hard alloy powder compounds 1-21379
- Knoket, O. *see* Schmidtman, E. 1-48394
- Knöth, R. *see* Jex, H. 1-39016
- Knott, G.F., Flower, J.O. Wave-tank experiments on an immersed vertical circular duct 1-2006
- Knott, G.F. *see* Flower, J.O. 1-8664
- Knott, J.F. *see* King, J.E. 1-35356
- Knott, J.F. *see* Livesey, V.B. 1-31646
- Knowles, A.P. *see* Fletcher, J.R. 1-26023
- Knowles, G. *see* Evans, H.E. 1-12843
- Knowles, G.R. *see* Onffroy, J.R. 1-48858
- Knowles, J.B., Farrier, D.R. A grid disconnection trip strategy for a Benson system cycle in fast-reactor power plant 1-28675
- Knowles, J.E. Measuring the magnetic properties of a microscopic particle 1-18262
- Knowles, J.E. The properties of acicular particles of $(\gamma\text{-Fe}_2\text{O}_3)_x(\text{Fe}_3\text{O}_4)_{1-x}$ 1-47917
- Knowles, K.M., Smith, D.A. The crystallography of the martensitic transformation in equiatomic nickel-titanium 1-26454
- Knowles, N. *see* Cayrel de Strobel, G. 1-49648
- Knowles, J.R., Cahill, P.T. Pattern analysis in cardiac scintillation camera images 1-53898
- Knowles, S. *see* Rawlings, K.J. 1-8170
- Knox, C.A. Initial operations in the Remote Lab-Scale Waste Treatment Facility 1-45654
- Knox, C.A., Hanson, M.S. Development of a remote lab-scale waste treatment facility 1-844
- Knox, C.A. *see* Berger, D.N. 1-23823
- Knox, D.F. *see* Dessureault, J.-G. 1-44334
- Knox, R., Jr. On Type III plesite in chondrites 1-9436
- Knox, R.S. Relaxation of electronic excitation in biology: the initial processing of photon energy and information 1-35747
- Knox, W. *see* Stavola, M. 1-8635
- Knudsen, H., Haugen, H.K., Hvelplund, P. Single-electron-capture cross section for medium- and high-velocity, highly charged ions colliding with atoms 1-46113
- Knudsen, H. *see* Golovchenko, J.A. 1-38418
- Knudsen, H. *see* Hvelplund, P. 1-15017
- Knudsen, P. *see* Rektstad, J. 1-10295
- Knudsen, R. *see* Tellez, C. 1-10730
- Knudsen, W.C., Spenner, K., Whitten, R.C., Miller, K.L. Ion energetics in the Venus night-side ionosphere 1-40367
- Knudson, A.R. *see* Young, F.C. 1-45778
- Knudson, J.N., Anderson, B.D., Tandy, P.C., Watson, J.W., Madey, R., Foster, C.C. $^{12}\text{C}(\text{p,n})^{12}\text{N}$ reaction at 99 MeV 1-14462
- Knudson, S.K. *see* Herbst, E. 1-53405
- Knudson, W.C. *see* Argyris, J.H. 1-24690
- Knudson, J.T. *see* Lewis, M.A. 1-46444
- Knudson, J.T. *see* Maple, J.R. 1-6231
- Knupfer, W., Dillig, M., Richter, A. Quenching of the magnetic multipole strength distribution and of the anomalous magnetic moment in complex nuclei and mesonic renormalization of the nuclear spin current 1-5730
- Knupfer, W. *see* Meier, D. 1-23589

- Knapf, H., Bonke, H. The model-E projection microscope—a tool for visual inspection of wafers in microelectronic circuit manufacture 1—23303
- Knutson, D.S., Christensen, U., Heitzenroeder, P., Mullaney, D., Rogoff, P. PLT stellarator proposal 1—6011
- Knutson, L.D., Haeblerli, W. Polarization effects in transfer reactions 1—28458
- Knutson, L.D. see Bieszk, J.A. 1—23632
- Knutsson, E. see Gransberg, L. 1—35904
- Knutsson, E. see Isaksson, A.I. 1—32280
- Knutsson, H. see Petersson, C.U. 1—22112
- Knutsson, H.E., Edholm, P., Granlund, G.H., Petersson, C.U. Ectomography—a new radiographic reconstruction method. I. Theory and error estimates 1—22111
- Knutti, D.F. see Sorenson, J.A. 1—8991
- Knutti, J.W. see Wildi, E. 1—8930
- Knutz, L.D., Crippen, G.M. A computer model for the 30S ribosome subunit 1—13210
- Knyet, G. see De Schepper, L. 1—20191
- Kny, E., Nauer, G. Retardation of the corrosion of medieval glasses by glow discharge films 1—53313
- Kny, E., Stolz, W., Stickler, R., Goretzki, H. Phase boundary segregation in the multi-phase-multicomponent alloy IN 738 studied by AES and SEM 1—8311
- Knyaginichev, V.P. see Volobuev, V.S. 1—5305
- Knyazer, I.S. see Velikanov, A.G. 1—1589
- Knyazer, M.V. see Solov'ev, S.L. 1—17091
- Knyazer, S.A., Zyrjanov, G.K. Inelastic interaction of slow electrons with the surfaces of alkali halide crystals 1—25127
- Knyazer, S.A., Zyrjanov, G.K. Temperature dependences of low-energy electron diffraction patterns of KCl and KBr 1—25397
- Knyazeva, L.N. see Kharitonov, A.V. 1—13771
- Knyazhanskii, M.I. see Tymyanskii, Ya.R. 1—6551
- Knyazhova, V.M. see Kolotyriuk, Ya.M. 1—53347
- Knyaz'kov, O.M. Nucleon-nucleus folding potentials for light deformed nuclei 1—627
- Knyaz'kova, T.V. see Dukhin, S.S. 1—48726
- Knyazyan, S.G. see Frolov, A.M. 1—28771
- Knyazyan, S.G. see Maishev, V.A. 1—25348
- Knystaustas, E.J., Jomphe, M. Equilibrium charge-state distributions for 2-20-MeV argon ions in carbon 1—46102
- Knyukshto, V.N. see Egorova, G.D. 1—41420
- Knyupfer, A.P. see Kaufman, S.A. 1—5270
- Ko, C.R. see Salama, K. 1—42447
- Ko, D.R.S. see Liu, A.K. 1—19732
- Ko, E.L., Madix, R.J. Adsorption effects on adsorption/desorption kinetics: N_2 , H_2 , C_2H_4 , and CO on Mo(100)-C 1—20568
- Ko, E.L. see Barteau, M.A. 1—38654
- Ko, E.L., Madix, R.J. Chemical evidence for the dissociation of CO on Mo(100) 1—26771
- Ko, M.K.W. see Chylek, P. 1—6481
- Ko, M.K.W. see Nien Dak Sze 1—40151
- Ko, M.W. see Kiehl, J.T. 1—6479
- Ko, N.W.M. Annular jets of large inner diameter 1—2046
- Ko, N.W.M. Far field measurements of an interrupted jet 1—19526
- Ko, N.W.M. Flow visualization of an interrupted jet 1—24900
- Ko, R.J. see Jun-Wei Chen 1—52519
- Ko, W., Pearson, J.S., Yager, P., Abramowicz, H., Doroba, K., Gorski, M., Szeptycka, M., Wroblewski, A.K., Ziemiński, A., Eskreys, K., Olkiewicz, K., Sliwa, K., Zaorska, J., Lubatti, H.J., Moriyasu, K., Rees, C.D. Inclusive pion production in $\pi^- \pi^-$ collisions at high energies 1—10263
- Ko, W. see Abramowicz, H. 1—45378
- Ko, Y.S., Forsman, W.C. Dynamic mechanical testing of viscoelastic solids in free and forced oscillation: experiments with a modified Weissenberg rheogoniometer 1—17008
- Ko Che Ming see Che Ming Ko
- Ko Shao-Yen see Shao-Yen Ko
- Koang, D.H. see Boehm, F. 1—18466
- Koba, G.I., Koba, Yu.V., Slivkov, I.N., Sukhov, A.D., Tarumov, E.Z. Low-inductance generator of pulsed voltage at 1 MV 1—41282
- Koba, Yu.V. see Koba, G.I. 1—41282
- Kobas Aranda, M.M., Lebedev, V.V., Orlova, N.M., Petrov, A.A. Spectroscopic determination of noble metals upon their extraction from a chambered electrode in a chlorine stream 1—4134
- Kobas-Aranda, M.M. see Zakorina, N.A. 1—2270
- Kobashi, K., Chandrasekharan, V. Anharmonic lattice vibrations in solid α - and γ - N_2 1—38483
- Kobashi, K., Fabre, D., Fondere, F., Marteau, Ph., Obriot, J., Thierry, M.M. Far-infrared and Raman study of solid CH_4 under high pressure 1—39106
- Kobashi, K., Klein, M.L. Lattice vibrations of solid α -F₂ 1—20326
- Kobashi, Y., Hayakawa, M. The transition mechanism of an oscillating boundary layer 1—37893
- Kobasko, N.I. see Ostrovskii, Yu.N. 1—1817
- Kobatake, H., Noso, K. Feature extraction and recognition of Japanese voiceless stop consonants by principal component analysis 1—37721
- Kobayakawa, H. see Fukushima, M. 1—45770
- Kobayakawa, H. see Terada, S. 1—14415
- Kobayashi, A. Effects of the basal plane of CdS single crystal on the growth of Cu_2S and the electric properties of the Cu_2S -CdS solar cells 1—8713
- Kobayashi, A., Suzuki, K. Effects of magnetic field and uniaxial stress on thermal phonon scattering in n-Ge 1—15985
- Kobayashi, A., Yanabu, S., Yamashita, S., Ozaki, Y. Experimental investigation on arc phenomena in SF₆ puffer circuit breakers 1—34152
- Kobayashi, A. see Sasaki, T. 1—41277
- Kobayashi, A. see Shiraiishi, T. 1—26997
- Kobayashi, A. see Suzuki, K. 1—11617
- Kobayashi, A.S., Emery, A.F., Gorum, A.E., Basu, T. Fracture toughness of alumina at room temperature to 1600°C 1—43520
- Kobayashi, A.S., Hawkins, N.M., Chan, Y.-L.A., Lin, I.-J. A feasibility study of detecting reinforcing-bar debonding by acoustic-emission technique 1—39551
- Kobayashi, A.S. see Emery, A.F. 1—1891
- Kobayashi, E., Matsumura, S., Furukawa, J. Optically active alternating copolymer and Diels-Alder adduct 1—43312
- Kobayashi, F. see Kondo, K. 1—20053
- Kobayashi, H. A new optical sensor for measurement of the mercury levels of a U-manometer 1—23253
- Kobayashi, H., Nakamura, H., Nakazawa, H. A relation between crack tip plastic blunting and the J-integral 1—47167
- Kobayashi, H., Senda, K., Sasaki, T., Ohara, K., Matsubara, K., Kaito, O., Mashita, S., Ishiguchi, T., Ohshika, S., Kodama, Y., Mishima, A., Abe, T., Hashimoto, M., Okae, S., Ohno, A. Clinical study of lymph flow of the lower extremity with ^{99m}Tc-MDP 1—32179
- Kobayashi, H., Sibuya, E., Nakazawa, H. Elastic-plastic fracture mechanics approach to fatigue crack growth 1—43493
- Kobayashi, H., Ueda, T., Kobayashi, T., Tagawa, S., Tabata, Y. Performance and improvements of an electron accelerator producing a picosecond single electron pulse 1—28749
- Kobayashi, H., Yasukochi, K. Maximum and minimum heat flux and temperature fluctuation in film-boiling states in superfluid helium 1—47323
- Kobayashi, H., Yoshida, S., Kato, H., Fukui, K., Tarama, K., Yamaguchi, M. An orbital phase study of adsorption of ethylene on flat and stepped platinum surfaces 1—2821
- Kobayashi, H. see Hirano, K. 1—48515
- Kobayashi, H. see Komatsu, S. 1—11414
- Kobayashi, H. see Kubota, R. 1—42831
- Kobayashi, H. see Seo, K. 1—27092
- Kobayashi, H. see Tanaka, S. 1—8117
- Kobayashi, I. see Honda, T. 1—31936
- Kobayashi, I. see Okada, K. 1—1717
- Kobayashi, I. see Suzuki, T. 1—45671
- Kobayashi, I. see Takeda, H. 1—23829
- Kobayashi, K., Horvath, S.M., Diaz, F.J., Bransford, D.R., Drinkwater, B.L. Thermoregulation during rest and exercise in different postures in a hot humid environment 1—21988
- Kobayashi, K., Togami, Y., Teranishi, T. Influence of oxygen on the uniformity of RF-sputtered amorphous GdCo films 1—12364
- Kobayashi, K. see Inoue, A. 1—35353
- Kobayashi, K. see Kasuga, M. 1—20583
- Kobayashi, K. see Kato, H. 1—32247
- Kobayashi, K. see Masuda, K. 1—42384
- Kobayashi, K. see Masumoto, T. 1—25905
- Kobayashi, K. see Morita, E. 1—10050
- Kobayashi, K. see Odagiri, Y. 1—11151
- Kobayashi, K. see Sugimoto, S. 1—24527
- Kobayashi, K. see Tanino, H. 1—48064
- Kobayashi, K. see Togami, Y. 1—25586
- Kobayashi, K. see Umehayashi, S. 1—12916, 1—26521, 1—31403, 1—48315
- Kobayashi, K.L.L., Gerken, F., Barth, J., Kunz, C. A photoemission study of Al/Si interface using synchrotron radiation 1—53046
- Kobayashi, M., Horikoshi, G., Mizuno, H. ESR vacuum system for the Photon Factory 1—23892
- Kobayashi, M., Ito, K. Anisotropy of damping capacity of 42 wt.% Mn-2 wt.% Al-Cu alloy sheet 1—42446
- Kobayashi, M., Tadokoro, H., Porter, R.S. Polarized Raman spectra of n-alkane single crystals with orthorhombic polyethylene-type sublattice 1—16561
- Kobayashi, M., Uda, M. Short-range structure of amorphous films on iron and 18-8 stainless steel determined by electron diffraction 1—31739
- Kobayashi, M. see Aoyama, H. 1—14280
- Kobayashi, M. see Aurilio, A. 1—437
- Kobayashi, M. see Horikoshi, G. 1—50142
- Kobayashi, M. see Ikegami, T. 1—39291
- Kobayashi, M. see Kaga, H. 1—52743
- Kobayashi, M. see Narai, H. 1—28562
- Kobayashi, M. see Narita, S. 1—48126
- Kobayashi, M. see Ogura, K. 1—16946
- Kobayashi, M. see Terui, H. 1—33831
- Kobayashi, M. see Urabe, S. 1—36611
- Kobayashi, M. see Yoshida, T. 1—46302
- Kobayashi, N., Fujii, Y., Okamoto, M., Kaki-hana, H. Calcium isotope fractionation in ion-exchange chromatography 1—31925
- Kobayashi, N., Horikoshi, Y. DH lasers fabricated by new III-V semiconductor material InAsPb 1—15186
- Kobayashi, N., Matsuo, T., Kaneko, Y. Study of low energy charge transfer reactions of metastable argon ions with argon atoms by time-of-flight technique 1—6373
- Kobayashi, N., Sasaki, T., Nishio, Y., Muto, Y. Metal-nonmetal transition in the layer compound 1T-TaS₂ 1—47472
- Kobayashi, N. see Itoh, Y. 1—46068
- Kobayashi, N. see Iwamatsu, M. 1—41460
- Kobayashi, N. see Kaneko, Y. 1—46109
- Kobayashi, N. see Suda, S. 1—4070
- Kobayashi, N. see Ueha, S. 1—6837
- Kobayashi, R. see Arai, K. 1—52255
- Kobayashi, R. see Nasir, P. 1—40790
- Kobayashi, S., Kimura, T. Injection locking characteristics of an AlGaAs semiconductor laser 1—11031
- Kobayashi, S., Komori, F., Ootuka, Y., Sasaki, W. In T dependence of resistivity in two-dimensionally coupled fine particles of Cu 1—12089
- Kobayashi, S., Maeda, K., Takeuchi, S. Computer simulation of deformation of amorphous Cu₂Zr₄ 1—26531
- Kobayashi, S., Meshii, M. Experimental characterization of surface film softening in iron: effects of prestraining, temperature and orientation 1—12806
- Kobayashi, S., Meshii, M. Surface film softening in Ni-plated iron single crystals 1—16982
- Kobayashi, S., Nishimura, N. Green's tensors for elastic half-spaces: an application of the boundary integral equation method 1—24678
- Kobayashi, S., Ohr, S.M. In situ fracture experiments in BCC metals 1—39440
- Kobayashi, S., Tada, Y., Sasaki, W. Resistivity measurement in two-dimensional random array of Josephson-coupled fine particles of tin 1—20922
- Kobayashi, S., Takeuchi, S. Vibrational states in a model amorphous Cu₂Zr₄ 1—20343
- Kobayashi, S., Yamada, J., Machida, S., Kimura, T. Single-mode operation of 500 Mbit/s modulated AlGaAs semiconductor laser by injection locking 1—1603
- Kobayashi, S. see Gunji, T. 1—23382
- Kobayashi, S. see Ishikawa, N. 1—9188
- Kobayashi, S. see Kono, K. 1—7414, 1—52372
- Kobayashi, S. see Mackawa, S. 1—42885
- Kobayashi, S. see Oh, S.I. 1—29568
- Kobayashi, S. see Ohr, S.M. 1—7174
- Kobayashi, S. see Ootuka, Y. 1—34711
- Kobayashi, S. see Rebelo, N. 1—37813, 1—37814
- Kobayashi, S. see Sakaguchi, H. 1—50578
- Kobayashi, S. see Shimoda, S. 1—38276
- Kobayashi, S. see Yamada, J. 1—19337
- Kobayashi, S. see Yoshioka, K. 1—50753
- Kobayashi, S. see Yuasa, Y. 1—28622
- Kobayashi, T., Fukumura, K. Time-differential Mossbauer spectrum with line-broadening 1—24179
- Kobayashi, T., Kitazawa, H., Yamamuro, N. Proposal on gamma-ray strength function for calculation of gamma-ray production cross sections 1—771
- Kobayashi, T., Nakao, Y., Kashiwamura, T. Undercooling in Ni-32.5wt.%Sn eutectic alloy 1—48338
- Kobayashi, T., Nakao, Y., Kashiwamura, T. Undercooling in Ni-28wt.%Sn hypoeutectic and Ni-36wt.%Sn hypereutectic alloy 1—48339
- Kobayashi, T., Nakao, Y., Yamashita, M., Murayama, M. Influence of undercooling on the grain structure and segregation in cobalt and nickel alloy castings 1—3712
- Kobayashi, T., Tachibana, H. Strengthening and toughening of Ni added ductile cast iron by heat treatment in the eutectoid temperature range 1—53212
- Kobayashi, T., Yamazaki, N. Does the enhancement mechanism work in non-leptonic decays of heavy pseudoscalar mesons with new flavors (b and t)? 1—45271
- Kobayashi, T. see Aoki, K. 1—16290, 1—20752, 1—52602
- Kobayashi, T. see Bartel, W. 1—18500, 1—45253, 1—45254
- Kobayashi, T. see Kobayashi, H. 1—28749
- Kobayashi, T. see Murayama, H. 1—30746
- Kobayashi, T. see Nomura, Y. 1—49151
- Kobayashi, T. see Okamura, M. 1—12163
- Kobayashi, T. see O'Neill, H.L., Jr. 1—50443
- Kobayashi, T. see Shank, C.V. 1—15035
- Kobayashi, T. see Shibata, T. 1—37040
- Kobayashi, Y. A view of earthquake-induced ground movement at Inatori in the Izu-Oshima earthquake, Jan. 14, 1978 1—27097
- Kobayashi, Y. Minimizing waste generation in liquid scintillation counting 1—41197

- Kobayashi, Y., Kawara, K., Kozasa, T., Sato, S., Okuda, H. 2.2- μ m polarization mapping in the galactic center 1-54633
- Kobayashi, Y., Kawara, K., Sato, S., Okuda, H. Narrow-band polarimetry of the BN object and AFGL 2591 between 2 and 4 μ m 1-54659
- Kobayashi, Y. *see* Sato, S. 1-40368
- Kobayashk, N. *see* Suda, S. 1-20698
- Kobayasi, S.-I. *see* Matsumoto, M. 1-7506
- Kobayasi, T. *see* Shindo, K. 1-20108
- Kobe, D.H., Kuo-Ho Yang Gauge-invariant non-relativistic limit of an electron in a time-dependent electromagnetic field 1-467
- Kobe, D.H., Wen, E.C.T. Test of gauge invariance: charged harmonic oscillator in an electromagnetic field 1-18369
- Kobe, T. *see* Nakata, Y. 1-4162
- Kobel'skii, S.V. *see* Voroshko, P.P. 1-29559
- Kobel'skii, V.I. *see* Zabudskii, B.P. 1-28068
- Kober, E.M. *see* Sullivan, I.P. 1-51150
- Kobes, R.L. *see* Capri, A.Z. 1-10080
- Kobets, L.P. *see* Mostovoi, G.E. 1-48407
- Kobets, M.I. *see* Elchaninova, S.D. 1-47941
- Kobiela, E.J. *see* Bettis, J.R. 1-23879
- Kobinata, S. *see* Nakajima, Y. 1-7077
- Kobiyama, M. *see* Takamura, S. 1-52182
- Kobizskol, V.I., Kadnikov, O.G., Vitovtova, T.I. Magnetic effects in mass transfer 1-26794
- Kobizskol, V.I. *see* Volovik, V.D. 1-30281
- Koblasz, A. *see* Abdel-Fattah, A.B. 1-32118
- Koblik, S.G. *see* Vorob'eva, N.I. 1-24755
- Koblinger, L. Monte Carlo calculation of exposure rates in dwelling rooms 1-18929
- Koblova, O.E., Samsonova, L.A., Khabarova, L.I., Voevodina, Z.A. Chemical stability of electrochemically colored glass 1-12901
- Kobori, F. *see* Yokoyama, M. 1-41927
- Kobori, Y. *see* Iwata, Y. 1-14003
- Kobos, A.M. *see* Pal, D. 1-5786
- Kobrin, M.M. *see* Bystrov, M.V. 1-22629
- Kobrunov, A.I. The optimization method in the solution of the inverse problem of gravity prospecting 1-9279
- Kobtseva, T.E. *see* Mirotvorski, V.S. 1-47294
- Koburger, C. *see* Stoloff, N.S. 1-31652
- Kobus, J. *see* Karwowski, J. 1-51142
- Kobussen, A.G.C., Van Wees, H.J.A. Anodic oxygen evolution processes on LaCoO₃-type semiconductor electrodes 1-16361
- Kobussen, J.A. On a systematic search for integrals of the motion 1-17991
- Kobyakov, I.B. *see* Gavrilova, N.D. 1-31098
- Kobyakov, I.B. *see* Oskot'skii, V.S. 1-20429
- Kobylykin, V.I. Solving axisymmetrical stress concentration problems by boundary integral equations 1-19640
- Kobyli'skii, V.A. *see* Balasanyan, S.Yu. 1-13393
- Kobzarev, I.Yu., Martemyanov, B.V., Okun, L.B., Shchepkin, M.G. Phenomenology of neutrino oscillations 1-36838
- Kobzaruk, A.V. *see* Stepanov, I.A. 1-31755
- Kobzenko, N.S.T.P. *see* Butylenko, A.K. 1-52782
- Kobzev, V.A. *see* Ivanova, V.S. 1-35363, 1-35373
- Kobzev, V.A. *see* Terent'ev, V.F. 1-35494
- Kobzov, V. *see* Ivanova, V. 1-48518
- Koc, Y. A critical analysis of N. Bohr's reply to the EPR argument 1-44785
- Kocamustafaogullari, G. *see* Chan, S.H. 1-5969
- Kocar, O. *see* Grasse, D. 1-42431
- Kochbach, L. Impulse approximation calculations for capture of K-shell electrons by fast light nuclei 1-19179
- Kocevar, P. Nonequilibrium phonon processes [in semiconductors] 1-16238
- Kocevar, P. Nonequilibrium phonons in three- and two-dimensional charge transport in semiconductors 1-16269
- Kocevar, P. Multiphonon scattering [in semiconductors] 1-16285
- Koch, A.S., Nienhaus, R., Lautsch, M., Lukovits, I. An advanced version of the dynamic receptor pattern generation model: the flux model 1-48973
- Koch, C. *see* Frungel, F. 1-13606
- Koch, C.C., Kroeger, D.M., Scarbrough, J.O., Giessen, B.C. Superconductivity in amorphous T₁T₂ transition-metal alloys (T₁=Nb, Ta; T₂=Rh, Ir) 1-30869
- Koch, C.C., Scarbrough, J.O., Kroeger, D.M., Dasgupta, A. The effects of cold rolling on fluxoid pinning in a superconducting metallic glass 1-20933
- Koch, E. *see* Hellner, E. 1-34281
- Koch, E.E. Synchrotron radiation facilities at DESY, a status report 1-23903
- Koch, E.E. *see* Himpfel, F.J. 1-26365
- Koch, F. Those other space-charge layers 1-12176
- Koch, F. *see* Chang, H.R. 1-48067
- Koch, F.B., Okinaka, Y., Wolowodiuk, C., Blessington, D.R. Additive-free hard gold plating for electronics applications. II. Chemical aspects 1-8246
- Koch, G. *see* Baumgartner, F. 1-18861
- Koch, G.H., Kolijn, D.T. The heat treatment of the commercial aluminum alloy 7075 1-48402
- Koch, H. *see* Izycki, M. 1-1419, 1-1420
- Koch, H. *see* Schwanner, I. 1-15041
- Koch, H.L. *see* Voss, A.-C. 1-9006
- Koch, H.R., Borner, H.G., Pinston, J.A., Davidson, W.F., Faudou, J., Roussile, R., Schult, O.W.B. The curved crystal gamma ray spectrometer 'GAMS 1, GAMS 2, GAMS 3' for high resolution (n,γ) measurements at the High Flux Reactor in Grenoble 1-10584
- Koch, K.P. *see* Gellerman, W. 1-29285
- Koch, K.R., Fritsch, D. Multivariate hypothesis tests for detecting recent crustal movements 1-53964
- Koch, M. *see* Buhrer, W. 1-28787
- Koch, M.H.J. *see* Moody, M.F. 1-8820
- Koch, P.M., Mariani, D.R. Double-resonance Stark spectroscopy as a probe of hydrogen sub-state production in fast atomic collisions 1-19053
- Koch, R. *see* Blazey, K.W. 1-3259
- Koch, R. *see* Bray, R.C. 1-38696
- Koch, R.H., Van Harlingen, D.J., Clarke, J. Quantum-noise theory for the resistively shunted Josephson junction 1-30889
- Koch, S.W., Haug, H. Two-photon generation of excitonic molecules and optical bistability 1-42694
- Koch, T.L., Wilt, D.P., Yariv, A. Q-switching of semiconductor lasers with picosecond light pulses 1-51528
- Koch, T.L. *see* Moyer, R. 1-52608
- Koch, V.E., Wolffe, P. Coupling of new order-parameter collective modes to sound waves in superfluid ³He 1-42601
- Koch, V.R., Schnaper, G.H. Low temperature thermoreversion of biomass to organic chemicals in the presence of aluminum chloride 1-53641
- Koch, W. Soliton contribution to correlations in a system of coupled chains 1-23127
- Koch, W. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Koch, W. *see* Sacharidis, E.J. 1-50469
- Kochanov, L.A. *see* Kuchanova, V.M. 1-7172
- Kochanski, E. *see* Seger, G. 1-28851
- Kocharov, G.E., Chernov, S.B., Arslanov, Kh.A. Stabilized radiocarbon device employing integrated microcircuits with active protection based on a CsI(Tl) single crystal 1-40206
- Kocharov, L.G. Possibilities for interpreting anomalous fluxes of ³H and heavy elements from the Sun 1-36131
- Kocharova, Zh.L. *see* Alanakyan, K.V. 1-41100
- Kocharovskii, V.V. *see* Zheleznyakov, V.V. 1-30054
- Kocharovskii, V.V. *see* Zheleznyakov, V.V. 1-30054
- Kocharyan, A.K. *see* Aladzhadzhyan, G.M. 1-7043
- Kocharyan, M.S. *see* Avundzian, A.T. 1-37062
- Kocharyan, V.R. *see* Elyukhin, V.A. 1-33690, 1-51485
- Kochegarov, S.F. *see* Areshiev, I.P. 1-26158, 1-26165, 1-28075
- Kochelaev, B.I. *see* Duglav, A.Y. 1-34933
- Kochelap, V.A., Mel'nikov, L.V. Theory of light amplification in recombination reactions occurring during the adiabatic explosion of an exothermic mixture 1-41682
- Kochemasov, G.G. *see* Kormer, S.B. 1-46327
- Kocher, C.A., Shepard, C.L. Effects of thermal-energy atomic and molecular collisions on lithium high-Rydberg quantum-state distributions 1-37303
- Kocher, D.C. Decay schemes for radionuclides of potential importance in the nuclear fuel cycle 1-45638
- Kocherga, Yu.P. *see* Svetlov, M.N. 1-37080
- Kochergin, V.P., Bokovikov, A.G. A three-dimensional numerical model of contaminant dispersion in the near-shore zone of a deep basin 1-17324
- Kocherov, V.I. *see* Baikov, V.P. 1-26680
- Kocherzhinskii, Yu.A. *see* Borisova, A.L. 1-12774
- Kochetkov, V.V., Venevets, Yu.N. Compounds of the series PbB₅, ³¹Pn₅O₃ 1-21144
- Kochetkov, V.V. *see* Venevets, Yu.N. 1-21141
- Kochetkova, L.P. *see* Konoplev, L.N. 1-21489
- Kochetkova, Z.I. *see* Lyubimov, V.V. 1-43589
- Kochetov, D.A. *see* Golderman, M.A. 1-12951
- Kochetov, I.V. *see* Aleksandrov, N.I. 1-38083
- Kochetov, I.V. *see* Zhen'yanov, A.V. 1-42248
- Kochetov, I.V. *see* Zhdanov, S.A. 1-46303
- Kochetov, V.S., Zhdakinov, V.P., Pesin, A.A. Optoelectronic method of monitoring defects in a glass strip during production 1-16984
- Kochetygov, V.M. *see* Varidov, V.N. 1-15713
- Kochhar, R.K. *see* Roth, G.L. 1-32138
- Kochi, D. *see* Deiters, K. 1-51044
- Kochi, M. *see* Kojima, T. 1-35063
- Kochling, K.-H. *see* Fitzer, E. 1-2663
- Kochmanova, L.V. The field scattered on a small spheroidal plane in a conducting half-space 1-33607
- Kochmarskii, V.Z. *see* Sandulyak, A.V. 1-8621
- Kochnev, V.A. *see* Istomin, V.G. 1-9398
- Kochnev, N.P. *see* Gorlanova, M.A. 1-7884
- Kochubei, A.A., Ryadno, A.A. Approximate solution of a problem of unsteady convective heat exchange in longitudinally streamlined bundles of rods 1-46744
- Kochubei, V.A. *see* Artamonov, A.S. 1-23894
- Kochubel, S. *see* Kiryunikov, K.V. 1-357
- Kochubel, S.M., Samokhval, E.G. Method for determining the region of self-absorption by individual components of multicomponent mixtures from the excitation spectra of their fluorescence 1-19131
- Kochubel, V.A. *see* Artamonov, A.S. 1-23893
- Kochurko, A.S., Soboleva, T.K. Radial electron density distribution in a cylindrical plasma column situated in crossed electric and magnetic fields 1-24948
- Kochurov, I.V. *see* Azizov, E.A. 1-34111
- Kociaj, S., Sulstarova, E. The earthquake of June 1, 1905, Shkodra, Albania; intensity distribution and macroseismic epicentre 1-13412
- Kociaj, S. *see* Sulstarova, E. 1-13413
- Kocis, S. Improvement of accuracy of electroacoustical digital coordinate measurement 1-23172
- Kociszewski, A., Owedyk, J. An information theory approach for electrical contact conductivity 1-38839
- Kock, A.J.R. *see* De De Kock, A.J.R.
- Kock, P.R. *see* De De Kock, P.R.
- Kockarts, G. *see* Wisembreg, J. 1-9315
- Kockel, A. Experience gained in the design, installation and start-up of dual-source air-to-water heat pumps 1-43789
- Kocks, U.F. Superposition of alloy hardening, strain hardening, and dynamic recovery 1-31493
- Kocks, U.F., Mecking, H. A mechanism for static and dynamic recovery 1-12846
- Kocks, U.F. *see* Chandra, H. 1-16804
- Kocks, U.F. *see* Weyliffe, P. 1-43383
- Koda, T. *see* Mitani, T. 1-8088
- Koda, T. *see* Tokura, Y. 1-8085, 1-16236, 1-38825, 1-48108
- Kodaira, J. *see* Kubota, Y. 1-36648
- Kodaira, K. *see* Hamabe, M. 1-54631
- Kodama, H. On the implementability of the Bogolubov transformation in spatially homogeneous and isotropic universes 1-54674
- Kodama, H., Izumi, F. Crystallization of γ -Bi₂MoO₆ under hydrothermal conditions 1-3588
- Kodama, H. *see* Uta, M. 1-49293
- Kodama, H. *see* Watanabe, A. 1-39332
- Kodama, K., Matsubayashi, O. Some magnetic anomalies accompanied with topographic irregularities of subducting plate and their tectonic implications 1-9074
- Kodama, K. *see* Kawasaki, K. 1-926
- Kodama, M., Miyagawa, S. Enhancing and suppressing effects of surfactants in atomic absorption flame spectrometry 1-53491
- Kodama, S. *see* Yamaki, N. 1-6806
- Kodama, T. *see* Chung, K.C. 1-40463
- Kodama, T. *see* Nazareth, R.A.M.S. 1-5813
- Kodama, T. *see* Santos, F.C. 1-100
- Kodama, Y., Satsuma, J., Ablowitz, M.J. Non-linear intermediate long-wave equation: analysis and method of solution 1-49951
- Kodama, Y. *see* Kobayashi, H. 1-32179
- Kodera, K. *see* Hara, T. 1-1154
- Kodman, G.P., Wilson, R.E. Criticality and safeguards at the Idaho Chemical Processing Plant 1-50796
- Kodre, A., Hribar, M., Pahor, J. Electrons ejected in resonant Raman scattering of X-rays on krypton 1-1161
- Kodres, C.A., Jacobs, H.R., Boehm, R.F. A numerical method for determining direct-contact heat transfer rates to a superheated evaporating (boiling) droplet 1-1809
- Koebel, J.M. *see* Hage-Ali, M. 1-18966
- Koebel, N.K. Application of instrumentation to achieve precision carburizing 1-48587
- Koebelin, K. *see* Birkhofer, A. 1-28630
- Koebner, H. An experiment to test the holographic memory hypothesis 1-48980
- Koebner, W. Pulsed holography 1-10947
- Koekelenberg, A. Astronomical ephemerides 1981 1-54349
- Koefoed, O., de Voogd, N. The linear properties of thin layers, with an application to synthetic seismograms over coal seams 1-27073
- Koehler, A. *see* Urano, M. 1-35836
- Koehler, C.W. *see* van Ommering, G. 1-48825
- Koehler, J. Layered solids. New crystalline materials 1-47446
- Koehler, J.A. *see* Brooks, W.S.C. 1-22573
- Koehler, J.S. *see* Fritsch, G. 1-47114
- Koehler, P. *see* Anishehty, R. 1-33253
- Koehler, P. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Koehler, P.F. *see* Berg, D. 1-28320
- Koehler, P.F. *see* Collick, B. 1-45290
- Koehler, P.R., Anderson, R.E. Computed angiography 1-53889
- Koehler, R.C. *see* Kaplan, J. 1-17419
- Koehler, T.R., Schmidt, J. Reorientation of impurity molecules in host crystals upon excitation of a local phonon; the system naphthalene in durene 1-7092
- Koehler, W., Windhorst, U. Multi-loop representation of the segmental muscle stretch reflex. Its risk of instability 1-8835

- Koel, B.E., Praline, G., Lee, H.-I., White, J.M., Hance, R.L. X-ray photoelectron study of reaction of water with cerium 1-8613
- Koel, B.E. *see* Praline, G. 1-8612
- Koelling, D.D. *see* Pickett, W.E. 1-7514, 1-47431
- Koelling, J.J. *see* Malenfant, R.E. 1-45670
- Koelmans, H. *see* Acket, G.A. 1-19348
- Koelzer, W. Radiation exposure of the staff of the Karlsruhe nuclear research centre. A ten-year review 1-32258
- Koelzer, W. *see* Dilger, H. 1-28742
- Koemmerer, C. *see* Valladon, M. 1-31937
- Koen, M.A. *see* Khazanov, G.V. 1-22574
- Koenderink, J.J., Van Doorn, A.J. Photometric invariants related to solid shape 1-323
- Koenderink, J.J. *see* Noorlander, C. 1-4279
- Koenig, H.A., Vanderby, R., Solonche, D.J., Burstone, C.J. Force Systems from orthodontic appliances: an analytical and experimental comparison 1-49053
- Koenig, I. *see* Tungate, G. 1-33256
- Koenig, J. *see* Barthelmy, H. 1-43534
- Koenig, J.L. *see* Ishida, H. 1-12998, 1-39488
- Koenig, J.L. *see* Rickett, S.E. 1-12999
- Koenig, R.A. *see* Stretz, L.A. 1-23825
- Koenigsberger, G. *see* Firmani, C. 1-9502
- Koenitzer, J., Khazai, B., Hormadaly, J., Kershaw, R., Dwight, K., Wold, A. Preparation and photoelectric properties of FeNbO₃ 1-34741
- Koenraads, A.J.T.M. *see* Bontius, G.H. 1-21838
- Koepf, G.A. *see* Lawandy, N.M. 1-41670
- Koepke, B.G., Heaps, J.D., Grung, B.L., Zook, J.D., Sibold, J.C., Leipold, M.H. Low cost silicon-on-jeramic photovoltaic solar cells 1-17209
- Koepke, B.G. *see* Zook, J.D. 1-3639
- Koepke, K., Rode, C., Tool, G., Flora, R., Jostlein, H., Saarivirta, J., Kuchnir, M. Two cell Doubler systems test 1-51008
- Koepke, L. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Koepke, P. Calibration of the METEOSAT IR-channel by ground measurements 1-22393
- Koester, K. *see* Kiefer, J. 1-13290
- Koester, L. On the unfinished first German nuclear reactor 1942/1944 1-44750
- Koester, L., Knopf, K. Slow neutron scattering lengths of the isotopes of silver and indium 1-1324
- Koester, V.J. *see* Wegener, W.A. 1-15048
- Koestner, R.J. *see* Van Hove, M.A. 1-47344, 1-47345
- Koethe, D. *see* Derrick, M. 1-45261
- Koet, I.T. *see* Panamsky, I.M. 1-28064
- Koeze, T.H., Wylie, I.G. Determination of cerebral blood flow with the EMI CT scanner 1-22109
- Koffend, J.B. *see* Cool, T.A. 1-51251
- Koffend, J. *see* Brooke *see* Koffend, J.
- Kofman, N.A. *see* Sirota, N.N. 1-2621
- Kofman, R., Garrigos, R., Cheysac, P. Metallic electrorhelectance: anisotropic aspects 1-35017
- Kofman, V.L., Kondratov, O.I., Gribov, A.L. Analysis of the vibration spectra of 1,4-polyisoprenes with different structures 1-2349
- Kofman, W. *see* Fukuyama, K. 1-54182
- Kofoed, B. *see* Bak, C. 1-49021
- Kofoed, B. *see* Elberling, C. 1-26918
- Koford, S., Lameczy, R., Buszkiewicz, B. Electrical contact palladium plating evaluation 1-43530
- Kofstad, P., Lillerud, K.P. On high temperature oxidation of chromium. II. Properties of Cr₂O₃ and the oxidation mechanism of chromium 1-31735
- Kofstad, P. *see* Holthe, K. 1-43571
- Kofstad, P. *see* Lillerud, K.P. 1-31734
- Koga, H., Uchiyama, Y., Aki, T. Reaction between carbon steel and liquid zinc 1-3971
- Koga, H., Uchiyama, Y., Inokuchi, H., Koge, O. Effect of Si concentration on the reaction between solid iron and liquid zinc 1-43340
- Koga, H. *see* Uchiyama, Y. 1-3972
- Koga, K., Katsube, R., Miike, H., Ebina, Y. An analysis of response characteristics of two mechanoreceptor units on the inner flagellum of American Crayfish to the sinusoidal wave stimuli by using microcomputer system 1-35789
- Koga, K. *see* Uemura, K. 1-32235
- Koga, S. *see* Orito, T. 1-53911
- Koga, S. *see* Sasa, T. 1-38441
- Koga, T., Morita, M. Binding/antibinding analyses for diatomic interactions. The HeH⁺ system 1-24285
- Koga, T., Morita, M. Binding/antibinding analyses for diatomic interactions. Hydrogen atom-negative charge system 1-37286
- Koga, T. *see* Nishiwaki, Y. 1-6098
- Koga, Y. Kinetic behaviour of polymorphic transition between phases α and β of sublimed p-dichlorobenzene 1-20379
- Koga, Y. A sensitive inexpensive DTA [differential thermal analyzer] 1-36652
- Koga, Y. *see* Ikari, T. 1-48159
- Koga, Y. *see* Shinohara, H. 1-53881
- Kogal, T.E. *see* Zukov, A.A. 1-8498
- Kogan, A.N. *see* Aleksandrov, L.N. 1-20592
- Kogan, A.V., Chernin, S.M. Use of electron-optical converters in optical pyrometric systems 1-267
- Kogan, B.Ya. *see* Lebedev, S.A. 1-29274, 1-41766
- Kogan, E. *see* Haber, B. 1-14433
- Kogan, E.Ya., Martysh, E.V. Formation of a surface charge in a bounded plasma 1-52638
- Kogan, L.I., Usikov, M.P., Entin, R.I. Intermediate (bainitic) transformation of austenite in a steel with 1% C and 7% Al 1-31456
- Kogan, L.M. *see* Barinova, E.Yu. 1-3496
- Kogan, L.R. *see* Baath, L.B. 1-54655
- Kogan, L.R. *see* Matvenko, L.I. 1-17893
- Kogan, M.N., Kucherov, A.N. Gas-dynamic regimes of the thermal self-influence effect 1-24465
- Kogan, M.N., Kucherov, A.N. Numerical study of the thermal self-focusing of beams in supersonic gas flows 1-24926
- Kogan, M.N. *see* Galkin, V.S. 1-24834
- Kogan, Sh.M., Polupanov, A.F. The spectra of optical absorption and photoionization of the shallow acceptor impurities in semiconductors 1-43150
- Kogan, V.B. *see* Andrievskii, R.A. 1-12775
- Kogan, V.G. On the dissipation due to normal excitation motion along vortex cores in type-II superconductors 1-16418
- Kogan, V.R. *see* Brailovskaya, V.A. 1-34009
- Kogan, V.S., Semenenko, Yu.E., Serygin, A.L., Dikii, N.P., Skakun, N.A., Storizhko, V.E. The stressed state and structure of chromium films obtained in helium and oxygen medium 1-47417
- Kogan, V.S., Semenenko, Yu.E., Serygin, A.L. On the capture mechanism of gas molecules by vacuum Cr condensates 1-16200
- Kogan, Ya.L., Vakulenko, A.M. Effectiveness and stability of polycrystalline electrodes based on titanium dioxide in the reaction of photoelectrochemical oxidation of water 1-13145
- Kogan-Laskina, E.I. *see* Basiliova, R.N. 1-36142
- Kogan-Laskina, Ye.I. *see* Basiliova, R.N. 1-4683
- Koganeva, H. *see* Miyasaka, K. 1-2345
- Koge, O. *see* Koga, H. 1-43340
- Kogelnik, H. Limits in integrated optics 1-41891
- Kogelnik, H. *see* Chinnon Lin 1-11106
- Kogelnik, H. *see* Lin, C. 1-11131
- Koglin, E. *see* Blonigen, F. 1-28784
- Kogoshi, S., Spalding, I.J., Walker, A.C., Ward, S. Reliable production of isolated deuterium pellets for laser-generated plasma experiments 1-2213
- Koguchi, N., Masumoto, K. Transport properties of n-type ferromagnetic semiconductor HgCr_{2-x}In_xSe₂ (x=0.100) 1-20726
- Kogure, H. *see* Kato, H. 1-32247
- Kogure, Y., Kaburaki, H., Hiki, Y. Low-temperature thermal properties of lithium fluoride containing dislocations 1-20488
- Kogure, Y. *see* Kaburaki, H. 1-7401
- Kogut, J.B. Progress in lattice gauge theory 1-28190
- Kogut, J.B., Pearson, R.B., Shigemitsu, J., Sinclair, D.K. Z₂ and N-state Potts lattice gauge theories: Phase diagrams, first-order transitions, β functions, and 1/N expansions 1-23428
- Kogut, J.B., Pearson, R.P., Shigemitsu, J. The string tension, confinement and roughening in SU(3) Hamiltonian lattice gauge theory 1-28183
- Kogut, J.B., Sinclair, D.K. 1/Q expansions and the first order phase transition of the three-state Potts model in three dimensions 1-36579
- Kogut, J.B. *see* Hamer, C.J. 1-7859
- Kogutiyuk, I.P., Nitsovich, V.M., Skripnik, F.V. Change of the sign of the Hall and Verdet constants in oxides of transition metals 1-12127
- Kogutiyuk, I.P., Nitsovich, V.M., Skripnik, F.V. Investigation of Hall and Faraday effects in narrow energy bands 1-21179
- Koh In Gyu *see* In Gyu Koh
- Kohake, D., Heiden, C. Local correlation between flux flow noise and isolated pinning structures 1-12245
- Kohara, T. NMR study of antiferromagnetic CrAl alloys 1-47970
- Kohara, T. *see* Matsumura, M. 1-34953
- Kohata, K. *see* Nakata, M. 1-10841, 1-15008
- Kohata, Y., Furuichi, K., Sagayama, Y. Dynamic analyses and control systems for steam generators in LMFBRS 1-28575
- Kohfeld, J.J. *see* Rauch, H.E. 1-24516
- Kohgi, M., Ishikawa, Y. Paramagnetic scattering of neutrons from a metallic antiferromagnet FePt₃ 1-7806
- Kohgi, M., Ishikawa, Y. Magnetic excitations in a metallic antiferromagnet FePt₃ 1-7818
- Kohi Le Van *see* Le Van Kohi
- Kohl, D. *see* Mokwa, W. 1-7470
- Kohl, D. *see* Moormann, H. 1-20849
- Kohl, D.A. An evaluation of the area thunderstorm monitor in an operational application 1-44311
- Kohl, D.A., Arvedson, M.M. Elastic electron scattering from molecular potentials 1-10840
- Kohl, F.J. *see* Smith, S.R. 1-3982
- Kohl, H., Rose, H., Schnabl, H. Dose-rate effect at low temperatures in FBEM and STEM due to object-heating 1-18335
- Kohl, H. *see* Ornig, H. 1-3173
- Kohl, H.-H. *see* Brunner, M. 1-20035
- Kohl, J.L., Weiser, H., Withbroe, G.L., Noyes, R.W., Parkinson, W.H., Reeves, E.M., Munro, R.H., MacQueen, R.M. Measurements of coronal kinetic temperatures from 1.5 to 3 solar radii 1-22753
- Kohl, K.H. *see* Faubel, M. 1-1333
- Kohl, R.H. *see* Montgomery, W.W. 1-29214
- Kohl, W. *see* Groll, H.P. 1-36688
- Kohler, B.E., Loda, R.T. Spectroscopy of the benzil-benzyl mixed crystal system: high resolution optical studies 1-39119
- Kohler, B.E. *see* Auerbach, R.A. 1-37217
- Kohler, B.E. *see* Jones, P.L. 1-24195
- Kohler, H. Valley splitting in n-type inverted silicon MOSFET surfaces [using magneto-quantum oscillations] 1-12199
- Kohler, H. Holographic interferometry. III. System matrix, unit cell vectors, transformation determinant 1-19285
- Kohler, H. Holographic interferometry. IV. Simplified evaluation with absolute orders 1-51408
- Kohler, H. *see* Roos, M. 1-52479
- Kohler, H.J. *see* Rauscher, H.J. 1-51110
- Kohler, M., Muller, K.D., Stoff, H., Teske, M., Berg, G.P.A., Hardt, A., Martin, S., Mayer-Borcke, C., Meissburger, J. A two-dimensional position sensitive charged-particle detector for the magnetic spectrograph 'BIG KARL' of the Jülich cyclotron 'JULIC' 1-10590
- Kohler, S. *see* Altmann, J. 1-18299
- Kohler, V.A. *see* Clougherty, L.E. 1-36717
- Kohler, W.E. Pulse propagation in a randomly perturbed ocean: single pulse statistics 1-11226
- Kohler, W.E. *see* Kagermann, H. 1-50051
- Kohlet, P. *see* Seifritz, W. 1-23857
- Kohli, C.K., Ajmera, R.C., Kiruthi, G., Newcomb, R.W. Hysteretic system for neural-type circuits 1-43861
- Kohli, J.M. *see* Kaur, M. 1-36887
- Kohli, R. Theoretical evaluation of the oxidation rates of a Zr-2.2 wt% Hf alloy 1-48581
- Kohl'nov, Yu.V. *see* Geidel'man, A.M. 1-672
- Kohlstedt, D.L., Weathers, M.S. Deformation-induced microstructures, paleopiezometers, and differential stresses in deeply eroded fault zones 1-27113
- Kohlstedt, D.L. *see* Brace, W.F. 1-27131
- Kohlstedt, D.L. *see* Carter, C.B. 1-38382
- Kohlstedt, D.L. *see* Chiang, S.W. 1-2452
- Kohmoto, M., Kadanoff, L.P. Lower-bound RSRG approximation for a large n system 1-209
- Kohmoto, O., Ohya, K., Yamaguchi, N., Fujishima, H., Ojima, T. Amorphous FeCoNi-SiB alloys having zero magnetostriiction 1-3230
- Kohmoto, O. *see* Rabenberg, L. 1-12339
- Kohmura, T., Tezuka, H. Stable phase of nuclear matter 1-5724
- Kohmura, T. *see* Ishigami, T. 1-14469
- Kohn, B.P., Eyal, M. History of uplift of the crystalline basement of Sinai and its relation to opening of the Red Sea as revealed by fission track dating of apatites 1-40110
- Kohn, J.P. *see* Hotovy, J.D. 1-47245
- Kohn, K. *see* Inoue, M. 1-16462
- Kohn, M., Lifshitz, K., Litchfield, D. Average evoked potentials and amplitude modulation 1-32135
- Kohn, V.G. *see* Aristov, V.V. 1-15751, 1-34199
- Kohn, V.G. *see* Gabrielyan, R.Ts. 1-52026
- Kohnein, W. Electron temperature variations during solar-maximum conditions (200-3500 km) 1-40267
- Kohno, A. *see* Iwaki, M. 1-43539
- Kohno, I. *see* Ikegami, K. 1-23902
- Kohno, I. *see* Yanokura, M. 1-45516, 1-51058
- Kohno, J., Nakajima, N. Patient-simulator for medical education of extraordinary reflex 1-36481
- Kohno, M., Ohtsuka, N. Meson exchange current contribution to quasi-free electron scattering 1-33258
- Kohno, M. *see* Dutta, A.K. 1-23694
- Kohno, M. *see* Yamamoto, K. 1-2104
- Kohno, M. *see* Yamashita, M. 1-46375
- Kohno, T. *see* Ohtsubo, J. 1-241
- Kohno, Y. *see* Igata, N. 1-38409
- Kohoutek, L., Martin, W. Study of selected stellar planetary nebulae 1-54591
- Kohoutek, L., Pauls, R. Light variability of Nova Delphini 1967 in 1977 and 1979 1-27515
- Kohra, K., Ando, M. Some dynamical studies on X-ray optical systems using dynamic diffraction for synchrotron radiation 1-23387
- Kohra, K., Tanaka, J., Huke, K., Sasaki, T. Present status of the Photon Factory 1-50996
- Kohra, K. *see* Ishida, Y. 1-20224
- Kohut, J., Padar, I., Toth, F. System design of a microprocessor-based automata family for testing steel strips [magnetic parameters measurement] 1-23281
- Koide, Y. Comment on the 20-dominance model for charm decays 1-551
- Koide, Y. Pseudoscalar-meson decay constants and weak form factors in a relativistic quark model 1-45214
- Kojmans, C.V. *see* Harmans, K.J. 1-39754
- Kojima, K. Formal decomposition of the gauge boson 1-421
- Koike, K. *see* Tanaka, H. 1-17698

- Koike, K. see Ujiie, S. 1-799
 Koike, Y., Tanuma, S.-i. C_6K -type I.II superconductor 1-12234
 Koike, Y., Tanuma, S.-i., Suematsu, H., Higuchi, K. Superconductivity in the graphite-potassium intercalation compound C_8K 1-7792
 Koike, Y. see Bruno, M. 1-23666
 Koike, Y. see Fukase, T. 1-47435
 Koike, Y. see Ohtsuka, Y. 1-41825
 Koike, Y. see Oswald, H. 1-36944
 Koike, Y. see Tanuma, S. 1-42677
 Koiller, B., Rezende, S.M. Dynamic response of local magnons: single-impurity limit in one-dimensional magnets 1-1275
 Koiller, B. see Goncalves da Silva, C.E.T. 1-16431
 Koiter, W.T., Mikhailov, G.K. (editor) Theory of Shells. Proceedings of the Third IUTAM Symposium on Shell Theory 1-5029
 Koivo, A.J. Automatic continuous-time blood pressure control in dogs by means of hypotensive drug injection 1-9048
 Koivusaari, M., Kauppinen, J., Kelhola, A.-M., Anttila, R. The infrared band ν_6 of CD_3I 1-51198
 Koivusaari, M. see Anttila, R. 1-37203
 Koizumi, M., Ishioka, S. Calculation of the correlation time for motional narrowing of the ^{181}Ta Mossbauer line due to hydrogen diffusion 1-7987
 Koizumi, M. see Shibata, K. 1-12785
 Koizlik, K. see Blumenkamp, H.J. 1-48639
 Koizlik, K. see Blumenkamp, H.J. 1-21687
 Koizlik, K. see Hothker, K. 1-25088
 Koizlik, K. see Inspektor, A. 1-12000
 Koizumi, H., Ninomiya, T. A dislocation model of amorphous metals 1-7083
 Koizumi, K. see Yoshida, K. 1-45724
 Koizumi, M. see Fujinaka, H. 1-35227
 Koizumi, M. see Kanno, R. 1-11724, 1-35204
 Koizumi, M. see Kikkawa, S. 1-7677
 Koizumi, M. see Kuge, S. 1-35173
 Koizumi, M. see Taguchi, H. 1-38354
 Koizumi, M. see Takatori, K. 1-16732
 Koizumi, N. Estimation of radiated sound power from a plate excited by periodic impact 1-19499
 Koizumi, N. see Ishikawa, A. 1-43712
 Koizumi, N. see Iwachi, K. 1-12355
 Koizumi, N. see Shibuya, T. 1-1348
 Koizumi, T. see Ujihashi, S. 1-24717
 Koizumi, T. see Yamanaka, M. 1-19970
 Koizumi, Y., Yamazaki, M., Harada, H. Development of cobalt-free nickel-base superalloys 1-48503
 Kojic-Prodic, B. see Popovic, S. 1-42263
 Kojima, D.Y. see Ishihara, A. 1-52387
 Kojima, I., Miyazaki, E., Yasumori, I. Field-emission microscopic and ion bombardment studies of catalytic active sites on platinum 1-25537
 Kojima, K., Hasegawa, H. High-resistivity LPE layers of GaAs by iron doping 1-39253
 Kojima, K., Hasegawa, H. Liquid phase epitaxial growth of high resistivity GaAs layers by impurity doping 1-39256
 Kojima, K., Hihara, T., Kamigaiichi, T. Magnetic phases of $EuSe_xS_{1-x}$ with $x \leq 0.3$ 1-38914
 Kojima, K. see Ishikawa, N. 1-9210
 Kojima, K. see Ito, K. 1-4184
 Kojima, K. see Takase, A. 1-20703
 Kojima, K.-i. see Kasamatsu, Y. 1-42555
 Kojima, N., Ban, T., Tsujikawa, I. Exciton transfer in the two-dimensional antiferromagnet $(C_2H_5NH_3)_2MnCl_4$ 1-8087
 Kojima, N., Tsujikawa, I., Aoyagi, K., Tsushima, K., Sugano, S. Optical investigations of $YbCrO_3$. III. C_2^{2+} exciton- Yb^{3+} spin flip simultaneous absorption 1-12490
 Kojima, N., Tsujikawa, I., Tsushima, K., Kurita, S. Optical investigations of $YbCrO_3$. II. Metamagnetic transition in $YbCrO_3$ 1-16562
 Kojima, N., Tsushima, K., Tsujikawa, I. Optical investigations of $YbCrO_3$. I. Optical absorption spectra of Yb^{3+} ion 1-12489
 Kojima, N. see Miyajima, Y. 1-24510
 Kojima, N. see Yabuta, T. 1-19465
 Kojima, S., Nakamura, T. Observations of low-frequency polaritons in barium sodium niobate 1-12044
 Kojima, S. see Jang, M.-S. 1-52282
 Kojima, S. see Naka, S. 1-14266
 Kojima, S. see Sakamoto, Y. 1-12280
 Kojima, T. Microwave spectrum of methyl mercaptan a-type R-branch transitions 1-6245
 Kojima, T. Proton NMR studies of a polybenzimidazole in solution 1-34246
 Kojima, T. Studies of molecular aggregation of a polybenzimidazole in solution by fluorescence spectroscopy 1-35526
 Kojima, T., Kondo, H. Diameter measurement of laterally moving object 1-18192
 Kojima, T., Matsumaru, T., Banno, M. Computer-simulation analysis of ghost images in photographic objectives 1-50252
 Kojima, T., Yokota, R., Kochi, M., Kambe, H. Dilute solution properties of a polybenzimidazole 1-35063
 Kojima, T. see Tsunekawa, S. 1-24123
 Kojima, Y. see Euruya, T. 1-41262
 Kojima, Y. see Noguchi, S. 1-28756
 Kojioan, G., Tovmassian, H.M., Dickinson, D.F., St. Clair Dinger, A. Radio survey of Markarian galaxies at 6 and 11 cm 1-22885
 Kok, G.L. Measurements of hydrogen peroxide in rainwater 1-4227
 Kok, H.J.G. see Sleeswyk, A.W. 1-3920
 Kok, L.P. Coulomb level shifts by a complex Yamaguchi potential 1-19217
 Kok, L.P. Coulomb and n-particle problems 1-50582
 Kokado, H. see Fujimaki, Y. 1-34739, 1-42851
 Kokado, H. see Ishiwata, T. 1-33069
 Kokaji, S. see Yajima, N. 1-22680
 Kokaku, Y., Toriumi, M., Hatano, Y. Effect of van der Waals molecules on thermal electron attachment in some O_2 -hydrocarbon mixtures 1-35556
 Koke, P., Monch, W. Experimental evidence for asymmetric dimers on clean $Si(001)$ surfaces 1-38632
 Kokhan, E.K. see Krat, V.A. 1-9458
 Kokhanenko, Yu.V. see Guz, A.N. 1-46686
 Kokhova, I.I., Malevskii, Yu.N., Tsvetkov, A.I. Analysis of thermal losses; some ways of improving the efficiency of solar thermoelectric generator (STEG) panels 1-13149
 Kokhtev, S.A., Yevstuykhin, A.E. Diffusional properties of uranium monosulfide and some uranium carbosulfides 1-7374
 Kokodiy, N.G. see Valitov, R.A. 1-11035
 Kokorin, A.F. see Gorskii, S.G. 1-16282
 Kokorin, V.V., Gorbach, V.G., Samsonov, Yu.I., Gun'ko, L.P. Characteristic features of the α to γ transformation and the mechanical properties of steel N27Yu2T2B 1-16773
 Kokorin, V.V., Osipenko, I.A. Singularities of the magnetic properties of decomposed Cr-Fe solid solutions 1-38930
 Kokorin, V.V. see Gun'ko, L.P. 1-48342
 Kokorowski, S.A. see Olson, G.L. 1-52446
 Kokott, T. see Allen, P. 1-14367, 1-36856, 1-36857
 Kokott, T. see Blieschau, J. 1-10190
 Kokott, T. see Grassler, H. 1-50414
 Kokott, T.P. see Deelen, H. 1-28311
 Kokoulin, R.F., Petrukhin, A.A. On the possibility of a new approach to cascade theory 1-10289
 Kokorin, G.A. see Smirnova, T.P. 1-43327
 Koksai, F. NH_4^+ ion motions in some ammonium salts 1-52860
 Koksheev, V.B. Spin-phonon excitations in crystals doped with dilute magnetic impurities 1-20327
 Koksheev, V.B. Ortho-phonon excitations in solid hydrogen 1-30516
 Kokubo, I. see Yutori, Y. 1-3848
 Kokubo, T. see Arioka, M. 1-21403
 Kokubun, Y., Fukuda, T. Evaluation of electrical properties of GaP crystals by optical absorption 1-47645
 Kokumai, H. see Kawazoe, H. 1-3242
 Kokura, K. see Yoshida, K. 1-11198
 Kol, A. see Cesnak, L. 1-18245
 Kolac, M. see Saffra, R.S. 1-27975
 Kolacinski, Z. Thermal layers in postarc channel 1-34169
 Kolaczek, B. Coordinates of the pole for the period 1968-1974 computed in the system of 10 stations with small variations of mean latitudes 1-44079
 Kolacziewicz, J., Sidorowski, Z. Effect of substrate temperature on the adsorption and condensation of silver on the (100) oriented tungsten single crystal 1-42625
 Kolanoski, H. see Brandelik, R. 1-23510, 1-23527, 1-50411
 Kolanoski, H. see Partridge, R. 1-10207, 1-18483
 Kolar, D., Trontelj, M. Synthesis and properties of ceramics in the system ZnO - Li_2O 1-16747
 Kolar-Anic, L. Time-independent solutions of the kinetics of homogeneous nucleation 1-8598
 Kolata, J.J. On the limits to fusion in light heavy-ion systems 1-5817
 Kolata, J.J., Beck, C., Freeman, R.M., Haas, F., Heusch, B. Structure in the $^{14}C+^{16}O$ reaction cross sections 1-45528
 Kolb, C.E. see Silver, J.A. 1-8529
 Kolb, D.M., Kotz, R., Rath, D.L. Structural investigations of metal adsorbates on single crystal surfaces using reflectance spectroscopy 1-34579
 Kolb, D.M. see Kotz, R. 1-3520
 Kolb, D.M. see Tajeddine, A. 1-34642
 Kolb, D.M. see Takayangan, K. 1-20594
 Kolb, E.D., Barns, R.L., Grenier, J.C., Laudise, R.A. Solubility, crystal growth and perfection of aluminum orthophosphate 1-16676
 Kolb, E.D., Barns, R.L., Laudise, R.A., Grenier, J.C. Solubility, crystal growth and perfection of aluminum orthophosphate 1-2630
 Kolb, E.D., Grenier, J.-C., Laudise, R.A. Solubility and growth of $AlPO_4$ in a hydrothermal solvent: HCl 1-35157
 Kolb, E.W., Wolfram, S. Spontaneous symmetry breaking and the expansion rate of the early Universe 1-9743
 Kolb, E.W. see Harvey, J.A. 1-44683
 Kolb, M. see Bunemann, D. 1-23714
 Kolb, V.M. see Scheiner, S. 1-51087
 Kolbasov, G.Ya. see Dmitruk, N.L. 1-38848
 Kolbe, G. see Burgess, D.D. 1-29914
 Kolbe, H. see Coen, V. 1-5889
 Kolbe, J. see Tiwari, B.L. 1-2645
 Kolbin, I.I. see Deryugin, L.N. 1-6574
 Kolbychev, G.V. see Bokhan, P.A. 1-34038
 Kol'chenko, A.P., Nikitenko, A.G., Troitskii, Yu.K. Control of the structure of transverse laser modes by phase-shifting masks 1-51537
 Kolchin, A.A., Lebedev, V.V., Lefchenko, V.F., Repin, A.I., Skrebtsov, G.P., Shubin, V.L. Observation of iron-rich events of low-energy solar cosmic rays on board the Prognoz-6 spacecraft 1-36130
 Kolchin, A.A., Lebedev, V.V., Levchenko, V.F., Repin, A.I., Skrebtsov, G.P., Shubin, V.L. Enrichment of low-energy heavy particles in solar cosmic rays in October 12-15, 1977, according to AYAKS-M experimental data from Prognoz 6 1-22653
 Kolczynski, C. Volumetric defects formation in doped tungsten 1-47075
 Koldava, O.V. see Byakov, V.M. 1-12991
 Kolditskii, E.S., Filippov, A.A. Calculating the electric field of rod-type electrodes 1-1433
 Koledin, D., Grujic, P. Low-energy e-He(2^1L) scattering calculations 1-51298
 Kolenda, J., Norwicz, J., Milkowska, G. Theoretical basis of the thermal differential analysis 1-4129
 Kolenkiewicz, R. see Smith, D.E. 1-49197
 Kolenskij, I.L. see Eystuykhin, A.I. 1-16699
 Kolerus, J. Acoustic emission analysis. I. Acoustic emission nature of origin, propagation and application 1-29448
 Kolerus, J. Acoustic emission analysis. II. Methods and instrumentation 1-53392
 Koles, Z.-J., Castelein, R.D. The relationship between body sway and foot pressure in normal man 1-3801
 Koles, Z.-J., Flor-Henry, P. Mental activity and the EEG: task and workload related effects 1-43860
 Kolesnicenko, V.A. see Sorsorov, M.C. 1-48405
 Kolesnicenko, A.V. Calculation of anomalous dimensionality of single-particle Green's function in scalar field theory with strong nonlinear interaction 1-36811
 Kolesnicenko, Ya.I. Effect of the rate of change of plasma parameters on the α -particle distribution function 1-24927
 Kolesnicenko, Ya.I. see Belikov, V.S. 1-6955
 Kolesnik, A.G. see Korolev, S.I. 1-22557
 Kolesnik, I.G. Physical and mathematical formulation of the problem of the protostar collapse numerical modelling. I. Basic equations 1-4906
 Kolesnik, I.G. see Izotov, Yu.I. 1-4957, 1-40551
 Kolesnik, L.L. see Glorizova, R.I. 1-34659
 Kolesnik, S.Ya. see Grigorovskii, V.M. 1-4780
 Kolesnik, V.N. see Patoka, V.I. 1-30373
 Kolesnikov, A.F. see Gershberg, E.A. 1-37963
 Kolesnikov, A.K. see Eremine, E.A. 1-42104
 Kolesnikov, A.V. see Ginevskii, A.S. 1-24884
 Kolesnikov, A.V. see Shcherbakova, L.G. 1-39598
 Kolesnikov, A.V. see Sukhanova, G.E. 1-21442
 Kolesnikov, L.Ya. see Frolov, A.M. 1-28771
 Kolesnikov, L.Ya. see Get'man, V.A. 1-10230
 Kolesnikov, L.Ya. see Gorbenko, V.G. 1-572
 Kolesnikov, N.N., Tarasov, V.I., Kolesov, A.V. Excited states of hypernuclei 1-41071
 Kolesnikov, P.M., Martynenko, O.G., Rudenok, I.P. Contribution to the theory of waves in open gradient fiber lightguides 1-33820
 Kolesnikov, P.M., Rudenok, I.P. Wave properties of focusing optical fibers 1-24507
 Kolesnikov, V. On the shape of experimentally-observed photocurrent pulse in thin film photosemiconductors 1-47707
 Kolesnikov, V.M. see Lokhvitskii, Yu.L. 1-35397
 Kolesnikov, V.S. see Ashtikov, S.I. 1-19490
 Kolesnikov, Yu.B. see Klyukin, A.A. 1-19832
 Kolesnikova, E.A., Kudzin, A.Yu., Skorbun, A.D., Yachmenev, V.E. Nuclear quadrupole resonance in Bi_2GeO_5 and Bi_2SiO_5 1-31058
 Kolesnikova, E.N. see Drobyshevskii, E.M. 1-19711
 Kolesnikova, V.I. see Molchanova, L.V. 1-16758
 Kolesov, A.G. see Anufriev, V.A. 1-23710
 Kolesov, A.G. see Belanova, T.S. 1-23663
 Kolesov, A.V. see Kolesnikov, N.N. 1-41071
 Kolesov, G.Ya. see Volodichev, N.N. 1-36132
 Kolesov, I.S. see Dudnik, E.F. 1-20302, 1-26150
 Kolesov, S.A. see Skoblo, A.V. 1-48608
 Kolesov, S.N. The influence of morphology on the electric strength of polymer insulation 1-2341
 Kolesov, V.S., Gicheva, S.Ya. On the quality of the optical surface of laser mirrors 1-46483
 Kolesov, V.V. Stability of nonisothermal Couette flow 1-37938
 Kolesov, V.V., Luk'yanov, A.A. Estimate of Doppler broadening of resonance 1-23709
 Kolesov, Yu.I. see Boyarina, I.L. 1-8256

- Koleva, I. *see* Humlicek, J. 1-332
 Koleva, I.V. *see* Petrakiev, A. 1-19956
 Kolehuk, I.V. *see* Bur'yanov, V.B. 1-4472
 Kolganov, V.Z. *see* Ammosov, V.V. 1-40980
 Kolganov, V.Z. *see* Efremenko, V.I. 1-33173
 Kolijn, D.T. *see* Koch, G.H. 1-48402
 Kolina, N.G. *see* Yarmolyuk, N.I. 1-25331
 Kolín-Geresheim, J. *see* Bauchinger, M. 1-32201
 Kolinski, A. *see* Orszagh, A. 1-15044
 Kolker, H. The behaviour of nonrotational striations in silicon 1-2373
 Kolkman, G.H., Tuinstra, F. Reliable temperature readings in the low-temperature Guinier-Lenne camera 1-29975
 Kolkowski, P. *see* Ryves, T.B. 1-23652
 Kollar, J. Cluster perturbation theory for classical fluids. I 1-38223
 Kollar, J. *see* Igloi, F. 1-52038
 Kollath, K.J. *see* Kaminski, H. 1-19066
 Koller, A. Calculation of the natural frequencies of the buccal cavity for the generation of synthetic speech 1-37725
 Koller, J. *see* Kertesz, M. 1-7537, 1-19225
 Koller, K., Sander, H.G., Walsh, T.F., Zerwas, P.M. Angular asymmetries of e^+e^- annihilation to three jets 1-5641
 Kolley, E. *see* Beckmann, A. 1-12231
 Kolley, W. *see* Beckmann, A. 1-12231
 Kollmann, T.M., Wood, D.G.M. The effect of variations in light intensity on the photo-oxidation of polypropylene 1-48711
 Kollmann, W. *see* Partridge, R. 1-10207, 1-18483
 Kolmakov, A.P. *see* Subbotin, V.I. 1-28529
 Kolmanovskii, V.B. *see* Arutiunian, N.Kh. 1-37817
 Kolmanovskii, V.B. *see* Arutyunyan, N.Kh. 1-19593
 Kolobkov, V.P., Kudryashov, P.I., Starostina, G.A., Shirokov, V.I. Photoluminescence and photoinduced absorption of Sm^{2+} ions in vitreous silica 1-16607
 Kolobkov, V.P. *see* Volynets, F.K. 1-16598
 Kolobkov, V.P. *see* Zhymyeva, I.A. 1-43179
 Kolobnev, N.I., Dolzhanskii, Yu.M., Khokhlatova, L.B., Mit'kina, O.D. Use of the planned experiment method to investigate the kinetics of aging 1-48391
 Kolobov, Yu.R. *see* Korotaev, A.D. 1-11905
 Kolobova, K.M. *see* Trofimova, V.A. 1-43220
 Kolobrodova, N.A. *see* Krotov, I.I. 1-7312
 Kolodii, B.I., Lyashchuk, O.B. Calculation of the electromagnetic field radiated by an H-plane sectorial horn in a dielectric 1-37385
 Kolodkina, G.I. *see* Nesterova, E.V. 1-39416
 Kolodner, P., Yablonoivitch, E. Nonrandom suprathermal electron emission in resonance absorption 1-25010
 Kolodziej, A. *see* Leja, E. 1-48218
 Kolodziej, H.A., Malarski, Z. Studies of dimerization equilibria of 2,2,4,4-tetramethylpentane-3-ol by the infrared absorption and dielectric methods 1-39591
 Kolodziejczyk, A., Sarkissian, B.V.B., Coles, B.R. Magnetism and superconductivity in a transition metal compound: YCo_2 1-25897
 Kolodrivov, A.A. *see* Erokhin, A.A. 1-11601
 Kolokolchikov, N.P. *see* Druzhinin, V.V. 1-26041
 Kolokolchikov, N.P. *see* Pavlovskii, A.I. 1-33026
 Kolokolchikov, V.V. Propagation of pulse surfaces through nonhomogeneous media with aftereffect 1-29611
 Kolokolchikov, V.V., Moskvitin, V.V., Sidorov, B.L. Plasticity during variable loadings in electromagnetic fields 1-42451
 Kolokolov, N.B. *see* Demidov, V.I. 1-29943
 Kolokotov, N.B. *see* Demidov, V.I. 1-42212
 Kolombet, V.A., Ivanova, N.P., Britina, T.Ya., Shnol', S.E. Spectrum of macroscopic fluctuations of enzymatic activity of creatine kinase 1-39871
 Kolomoets, E.V. *see* Ashirov, R.R. 1-36126
 Kolomoiko, E.P. *see* Andriesh, A.M. 1-2977
 Kolomeitser, M.I. *see* Valatka, R.Yu. 1-52412
 Kolomeitser, V.V. *see* Min'kov, D.B. 1-12699
 Kolomenskaya, T.I. *see* Bulgakov, Yu.V. 1-7612, 1-38416
 Kolomenskii, Y.N. *see* Sergeyev, Y.M. 1-49266
 Kolomenskii, A.A. *see* Gapanovich, V.G. 1-974
 Kolomenskii, A.A. *see* Grishin, V.K. 1-46894
 Kolomenskii, A.A. *see* Bzhokhov, A.I. 1-1754
 Kolomenskii, G.A. *see* Volkov, Yu.M. 1-5756
 Kolomenskiy, A.V. *see* Borisenko, A.I. 1-22652
 Kolomenskiy, E.A. *see* Vesna, V.A. 1-41094
 Kolomiets, B.T., Smorgonskaya, E.A., Shpunt, V.Kh. Current inhomogeneities and development of thermal switching in glassy chalcogenide semiconductors 1-20832
 Kolomiets, B.T. *see* Aver'yanov, V.L. 1-42781
 Kolomiets, S.I. *see* Shengurov, V.G. 1-247
 Kolomiets, V.M. *see* Magnar, A.G. 1-33209
 Kolomiskii, Yu.R., Kukudzhinov, A.R., Ryabov, E.A. Some characteristics of the dissociation of SF_6 molecules in a strong infrared CO_2 laser field 1-33522
 Kolomitskii, Yu.R. *see* Bagratashvili, V.N. 1-6329
 Kolomitseva, S.E. *see* Orlova, G.M. 1-38574
 Kolomitseva, O.P. *see* Ben'kova, N.P. 1-4679
 Kolomitseva, O.P. *see* Vasil'yev, K.N. 1-22593
 Kolomyitseva, G.I. *see* Kalugin, V.M. 1-22197
 Kolomoets, N.V. *see* Galev, V.N. 1-52546
 Kolomoets, N.V. *see* Lidorenko, N.S. 1-20887
 Kolomoets, V.V. *see* Baranski, P.I. 1-38798
 Kolos, A.S. *see* Avatinyan, G.A. 1-37539
 Kolos, W. *see* Clementi, E. 1-14978
 Kolos, W. *see* Novaro, O. 1-46049
 Koloshnikov, V.G., Kuritsyn, Yu.A., Pak, I., Ulitskiy, N.I., Kharlamov, B.M., Britov, A.D., Zaslavitsky, I.I., Shotov, A.P. Zeeman effect in the IR spectrum of a molecule without an electronic moment. Observation with a tunable diode laser 1-14957
 Koloshnikov, V.G. *see* Bol'shov, M.A. 1-53519
 Koloskova, N.G. *see* Duglav, A.V. 1-34933
 Kolosnitsyn, N.I. *see* Alekseev, A.D. 1-9915
 Kolosov, A.I. The solution for the problem of three-electrode lateral method of electrometry of wells for anisotropic inhomogeneous medium 1-27059
 Kolosov, M.A. *see* Vasilyev, M.B. 1-9395
 Kolosov, V.V. *see* Damburg, R.J. 1-45833
 Kolosov, V.V. *see* Damburg, R.Ya. 1-14847
 Kolosovskii, E.A., Petrov, D.V., Tsarev, A.V. Influence of the parameters of a diffused waveguide on the frequency dependence of the acoustooptic interaction efficiency 1-51643
 Kolotii, O.D. *see* Timan, B.L. 1-3108, 1-30117
 Kolotygin, S.A., Kon'kova, L.T., Chiriko, V.G. Measurement of the efficiency coefficient of a coaxial thermal transducer in a microcalorimeter at 18 GHz [used in the molelectric wattmeter] 1-294
 Kolotytrina, A. *see* Arkadaskii, S.S. 1-24350
 Kolotytrina, V.I., Metlin, Yu.G., Tret'yakov, Yu.D. Free energies of formation of lithium titanates $\text{Li}_2\text{Ti}_2\text{O}_7$ and $\text{Li}_2\text{Ti}_2\text{O}_7$ 1-53452
 Kolotytrina, Y.M. Achievements in advancing the electrochemical theory of corrosion 1-39502
 Kolotytrina, Ya.M., Knyazheva, V.M., Tsenta, T.E., Kozhevnikov, V.B., Zakharin, D.S., Svislunova, T.V. Mechanism of corrosion resistance of nickel-molybdenum alloys 1-53347
 Kolovskaya, L.V. *see* Kononchuk, G.L. 1-31198
 Kolpak, F. *see* McPherson, A. 1-8808
 Kolpakov, A.I. Study of the separation boundaries of nickel and silicon prepared by electron beam technology 1-42859
 Kolpakov, I.F., Kulikov, I.I., Slepnyov, V.M., Volkov, V.I. Multichannel ionization system for monitoring accelerated beams of light nuclei 1-28804
 Kolpakov, N.S. *see* Babikova, Yu.F. 1-45093
 Kolpakova, N.N. *see* Smolenskii, G.A. 1-8050
 Kolpaschchikov, V.L., Migun, N.P., Prokhorenko, P.P., Lis, V.I. Unsteady heat transfer in a microchannel fluid flowing in a plane channel 1-6856
 Kolsky, H., Pipkin, A.C. The viscoelastic response of highly-stretched rubber specimens to superposed torsional deformation 1-29569
 Koltay, E. *see* Kover, A. 1-10818
 Koltermann, K.P. *see* Alpers, W. 1-54137
 Koltsov, S.I. *see* Kuznetsova, G.N. 1-48079
 Koltsov, S.I. *see* Molchanova, G.I. 1-35515
 Koltsov, V.B. *see* Glazov, V.M. 1-36704
 Koltsov, Yu.I., Zinov'ev, K.V. Influence of the composition of water-alcohol solutions of tetraethoxysilane on the spectral characteristics and chemical stability of silicon dioxide films 1-3391
 Koltsova, I.S., Mikhailov, I.G., Trofimov, G.S. Structural acoustic relaxation in suspensions of interacting particles 1-38468
 Koltun, D.S., Mizutani, T. Coupled channel theory of pion-nucleus reactions 1-5804
 Koltun, M.M. *see* Kozyreva, T.A. 1-13117
 Koltun, V.L., Kravets, M.V., Senyukov, A.I. The LG-75-1 helium-neon laser 1-19350
 Kolvning, A. *see* Berger, C. 1-10209
 Kolwas, K. *see* Kompitsas, M. 1-51277
 Kolwicz, R. *see* Rusinek, H. 1-13317
 Kolyada, Yu.B. *see* Mironenko, A.V. 1-5295
 Kolyadin, A.I., Mukhina, T.J., Shepurev, E.I. Unique features of light scattering in polymers for optical use 1-37566
 Kolyadin, S.A. *see* Alekov, V.K. 1-6508, 1-19302, 1-24373
 Kolyano, Yu.M., Grit'sko, E.G. Mixed heat conduction problem for layers 1-15361
 Kolybasov, V.M. Progress on the mechanisms for direct nuclear reactions, review 1-23621
 Kolychalov, P.I., Syunyaev, R.A. Outer parts of accreting discs around supermassive black holes 1-22788
 Kolycheva, E.V. *see* Vasil'ev, B.V. 1-43933
 Kolykhalova, E.A. *see* Filippov, L.P. 1-52368
 Kolyshkin, I.N. *see* Babanin, V.I. 1-26357
 Kolyshkin, V.I. *see* Alferov, Zh.I. 1-1578
 Kolyubin, A.A. *see* Bondarenko, V.G. 1-36185
 Kolyubin, V.A. *see* Kosarev, L.I. 1-31812
 Koma, A. Plasma-wall interactions 1-19933
 Koma, A. *see* Saiki, K. 1-52185
 Koma, Y. *see* Nishimura, J. 1-22505
 Komachenko, Yu.A. *see* Gershtein, S.S. 1-36858
 Komai, K. Fractography and fracture mechanics. Corrosion fatigue 1-1
 Komai, K. *see* Endo, K. 1-26580
 Komaki, I. *see* Kitazawa, K. 1-16162
 Komaki, K., Fujimoto, F. Energy levels of channelled electrons and channeling radiation in the planar case 1-47128
 Komamiya, S. *see* Bartel, W. 1-18500, 1-45253, 1-45254
 Komamiya, S. *see* O'Neill, L.H., Jr. 1-50443
 Komar, A. *see* Bergmann, P.G. 1-18095
 Komar, M.V. *see* Katashonok, S.S. 1-18266
 Komar, N.P. *see* Gosachinski, I.V. 1-32746
 Komar, V.G., Ioshin, O.I. Motion pictures and holography 1-23335
 Komarek, K. *see* Hayer, E. 1-30410
 Komarek, K.L. *see* Hayer, E. 1-47244
 Komarek, K.L. *see* Janitsch, A. 1-7346
 Komarenko, A.N. Evaluations of convergence of variational method in problem concerning natural oscillations of fluid in halfspace with cut-out cavity 1-15503
 Komarov, A.D., Stepanenko, I.A. The electron density distribution in the electromagnetic trap line-cusp 1-2223
 Komarov, A.D. *see* Stepanenko, I.A. 1-42200
 Komarov, A.V., Ryabchenko, S.M., Semenov, Yu.G., Shanina, B.D., Vitrikhovsky, N.I. Gigantic spin splitting of excitation states in the CdSe:Mn hexagonal crystal 1-12042
 Komarov, A.V., Ryabchenko, S.M., Terletskii, O.V. Giant spin splitting of excitation states in ZnSe with Mn and Fe impurities 1-31132
 Komarov, E.V., Laptev, F.V., Lyubiyev, A.G., Mitenkov, F.M., Samoilov, O.B., Sukhachevskii, Yu.B. Possible core designs for the VG-400 nuclear power plant 1-10419
 Komarov, E.Ya. *see* Borovskii, I.B. 1-53016
 Komarov, F.F., Tashlykov, I.S. Peculiarities of distribution of defects and introduced impurity in P^+ -implanted GaAs crystals 1-11777
 Komarov, F.F. *see* Belyi, I.M. 1-2532
 Komarov, G.G., T'chishin, V.V. Ready-reckoner tables in checking resistance boxes 1-44877
 Komarov, I.V., Grozdanov, T.P., Janey, R.K. Influence of the atomic core on the Stark structure of alkali atom Rydberg states 1-6202
 Komarov, K.P. Steady state conditions and relaxation autooscillations in solid-state dye lasers 1-46331
 Komarov, K.P. *see* Folin, K.G. 1-24923
 Komarov, N.S., Shcherbak, A.N. Abundance of chemical elements in the sun's neighbourhood 1-13770
 Komarov, N.S., Shcherbak, A.N. Abundances of chemical elements in the atmospheres of K giants 1-44564
 Komarov, V.D., Ilyasov, R.S. Topographical study of the electromagnetic field from inductive radiators 1-33599
 Komarov, V.D. *see* Fesenko, E.G. 1-30169
 Komarov, V.I., Kosarev, G.E., Muller, H., Netsband, D., Tesh, Z., Shitler, R. Quasi-free knock-out of a proton pair from carbon nuclei with 640 MeV protons 1-36939
 Komarov, V.P. *see* Petin, V.G. 1-13287
 Komarov, V.S. *see* Stepanova, E.A. 1-21198
 Komarov, V.V., Popova, A.M., Shablov, V.L. Wave functions of a system of two particles in a strong field 1-677
 Komarov, V.V., Popova, A.M., Shablov, V.L. On the properties of the description of multichannel systems with separated first interaction 1-678
 Komarov, V.V., Popova, A.M., Shablov, V.L. Integral equations for the four-body problem from different approaches 1-679
 Komarov, V.V., Popova, A.M., Shablov, V.L. Possible generalization of the Lippmann-Schwinger equation to the scattering of two particles in a field 1-23567
 Komarov, V.V. *see* Kovaleva, I.Yu. 1-676, 1-27819
 Komarova, G.M. Solving the inverse gravitational prospecting problem for a nonisometric petroleum gas-bearing structure 1-13613
 Komarova, M.F. *see* Buinov, N.N. 1-30228
 Komarova, M.F. *see* Kaigorodova, L.I. 1-26507
 Komarovskii, V.A. *see* Gorskikh, V.N. 1-33425
 Komashchenko, V.N. *see* Gorbik, P.P. 1-34782
 Komatsu, H. *see* Inoue, K. 1-14395
 Komatsu, H. *see* Inoue, T. 1-42387
 Komatsu, K. *see* Temmyo, J. 1-24641
 Komatsu, M. *see* Asano, K. 1-52625
 Komatsu, S., Kobayashi, H. Vortex-induced oscillation of bluff cylinders 1-11414
 Komatsu, S. *see* Hashimoto, T. 1-28795
 Komatsu, T., Soga, N. Temperature dependence of Mossbauer parameters for Fe^{57} in NiFe_2O_4 : precipitation process from silicate glass 1-43043
 Komatsu, T. *see* Hirao, K. 1-3306
 Komatsu, T. *see* Shimizu, I. 1-34744
 Komatsu, W. *see* Moriyoshi, Y. 1-21407
 Komatsubara, T. *see* Kawakami, M. 1-20954
 Komatsubara, T. *see* Obara, H. 1-7831
 Komatsubara, T. *see* Takase, A. 1-20703
 Komazawa, T. *see* Baba, Y. 1-35900
 Komazawa, Y. *see* Mimura, Y. 1-41855
 Komazawa, Y. *see* Okamura, Y. 1-11100
 Kombarov, V.V. *see* Ilev, V.M. 1-11985
 Kombarov, V.V. *see* Zolotukhin, I.V. 1-20314
 Komeda, H. *see* Funakoshi, Y. 1-43293
 Komey, Y. *see* Munitz, A. 1-7394

- Komen, G.J. Nonlinear contributions to the frequency spectrum of wind-generated water waves 1—17609
- Komesaroff, M.M., McCulloch, P.M., Berge, G.L., Klein, M.J. The position angle of Jupiter's linearly polarized synchrotron emission—observations extending over 16 years 1—27418
- Komi, P.V. see Viitasalo, J.T. 1—53771
- Komich, V.Yu. see Appolonov, V.V. 1—1612
- Komine, A. see Asami, K. 1—35462
- Komissarov, A.P. see Bulychov, S.I. 1—20275
- Komissarov, V.N. see Gas'kov, A.M. 1—42513
- Komissarov, I.I. see Koval'chuk, Yu.V. 1—25065
- Komissarova, T.A. see Gol'dshteyn, Ya.E. 1—8430
- Komissaruk, V.A., Martynov, V.P. Use of Iceland spar and glass prisms in a polarization interferometer 1—36733
- Komissaruk, V.A. see Kamalov, I.A. 1—41818
- Komiya, H. see Toyoda, H. 1—53318, 1—53319
- Komiya, K. see Nakao, S. 1—1924
- Komiya, S. see Ebisawa, S. 1—21905
- Komiya, S. see Kotani, T. 1—20213
- Komiya, S. see Kou, F. 1—28115
- Komiyama, J. see Iijima, T. 1—52357
- Komiyama, S., Eyerhth, H., Kotthaus, J.P. Phonon induced intersubband resonance in an inversion layer 1—47750
- Komkov, M.M. see Avchukhov, V.D. 1—33235
- Komkov, V. A dual form of Noether's theorem with applications to continuum mechanics 1—9828
- Komkov, V. An embedding technique for a class of problems in elastic stability 1—41967
- Komlev, V.G., Kurkina, I.D., Petrov, V.A. Dilatometric studies of alumina/silicon-carbide materials with an aluminochromophosphate bonding agent 1—30430
- Kommandeur, J. ESR in alkali TCNQ-salts 1—42999
- Kommandeur, J. see Bloch, D. 1—47910
- Komnik, S.N., Demirskii, V.V. Low temperature work hardening of Cu-based α -phase solid solutions 1—43360
- Komnik, S.N., Demirskii, V.V., Biblik, I.V. Thermally activated plastic deformation of α solid solutions copper-aluminum in the temperature interval 20–300°K 1—12790
- Komnik, S.N., Ponomarenko, I.T. Influence of the purity of the starting metals on low-temperature mechanical characteristics of finely-granular Zn-Al alloys 1—26544
- Komnik, S.N. see Braude, I.S. 1—53208
- Komnik, S.N. see Startsev, V.I. 1—31489
- Komnik, Yu.F., Belevtsev, B.I. Temperature dependence of electrical resistance of amorphous bismuth films 1—20920
- Komnik, Yu.F., Belevtsev, B.I. Temperature dependence of the electric resistivity of amorphous bismuth films 1—30745
- Komninos, Y., Nicolaides, C.A. The wavefunction of non-stationary states in terms of complex coordinates and a related variational principle 1—51088
- Komolov, L.N. see Basildale, S.G. 1—1015
- Komolov, S.A. Diffraction effects in the field-free emission current spectrum of gold (111) 1—12608
- Komolov, S.A. Features of the total current spectra of gold and platinum 1—53024
- Komolov, S.A., Chadderton, L.T. A total growth spectroscopy study of the growth of thin metal and semiconductor surface layers 1—7492
- Komolov, V.L. see Bonch-Bruевич, A.M. 1—33742
- Komori, F. see Kobayashi, S. 1—12089
- Komori, F. see Ootuka, Y. 1—34711
- Komori, Y. see Okabe, T. 1—28040
- Komorita, K., Nishinaga, T. Electrical properties of Bi₂O₃ thin films 1—30858
- Komororiya, J., Cornella, R.J. Fuel management modeling with REBUS-2 for research and test reactors 1—50771
- Komororiya, K. see Tachi, S. 1—13349
- Komorowski, R.A. see Mauritz, K.A. 1—38249
- Komorowski, M., Sikora, R. Inductive converter measuring physical quantities 1—23215
- Komoto, T.T. see Hansen, L.F. 1—10440
- Komoto, Y. see Shimada, K. 1—13337
- Komotskii, V.A. see Bessonov, A.F. 1—46218
- Komova, M.G. see Dzhurinskii, B.F. 1—39136
- Kompa, K.L. see Diegelmann, M. 1—37473
- Kompa, K.L. see Krinsinski, J. 1—24085
- Kompa, K.L. see Rebrostov, F. 1—33516
- Kompa, K.L. see Reilly, J.P. 1—29051
- Kompan, O.E. see Furmanova, N.G. 1—41515
- Kompan, T.A. Temperature measurement and control in precision interference dilatometers 1—23227
- Kompan, T.A. see Amatuni, A.N. 1—15380, 1—27920
- Kompanets, I.N., Parfenov, A.V., Popov, Yu.M., Sagitov, A.I., Soboleva, E.M., Soboleva, A.G., Turevskaya, E.P., Turova, N.Ya., Tsukanov, V.G., Yanovskaya, M.I. New type of metal-dielectric-thin-film structure and its interaction with electromagnetic radiation 1—34806
- Kompanets, I.N., Parfenov, A.V., Popov, Yu.M. Bistable properties of spatial light modulator with internal feedback 1—51607
- Kompanets, I.N., Parfenov, A.V., Popov, Yu.M. Multistability in optical transmittance of spatial light modulators with internal feedback 1—51608
- Kompitsas, M., Kolwas, K., Weber, H.G. Relaxation in a Na/Na₂ nozzle expansion 1—51277
- Komrakov, Yu.I. see Karabegov, M.A. 1—28054
- Komulainen, R. The finite element method application in stationary electric and magnetic field calculations 1—51341
- Komura, Y. see Ishimasa, T. 1—2471
- Komuro, H. see Honma, H. 1—33981
- Komuro, Y. see Suzuki, T. 1—45671
- Komyak, A.I. see Volod'ko, L.V. 1—8061, 1—12573
- Kon, F. see Unozawa, Y. 1—32070
- Kon, N. see Ota, T. 1—46730
- Kon, V.G. see Gorobchenko, V.D. 1—52515
- Kon-Syu, Yu. see Nikitina, N.V. 1—48430
- Konagai, M., Miyamoto, H., Takahashi, K. Photo-voltaic properties of a Si-F-H and a Si-H prepared by DC glow discharge 1—4195
- Konagai, M., Miyamoto, H., Takahashi, K. Minority carrier diffusion length in amorphous Si Schottky barrier solar cells 1—13126
- Konagai, M. see Masu, K. 1—8719
- Konakabara, T. see Lumbruso, H. 1—10652
- Konakova, R.V. see Borkovskaya, O.Yu. 1—38847
- Konakova, R.V. see Ivastchenko, V.M. 1—52651
- Konakova, R.V. see Vasilevskaya, V.N. 1—20588
- Konareva, V.G. see Bogoyavlenskii, I.V. 1—20500
- Konarski, P. see Golowacz, H. 1—13063
- Konashi, H. Nonleptonic decays of charmed mesons 1—14374
- Konashi, H. see Ushio, K. 1—33188
- Konc, M., Daniel-Szabo, D., Zagyi, B., Dusa, O. Influence of torsion on some magnetic properties of heat-treated amorphous cylindrical layers 1—52819
- Konchakov, A.M. see Aleksandrov, N.L. 1—24933
- Konchits, A.A. see Vikhnin, V.S. 1—26026
- Konczak, S., Nowak, M. The estimation of semiconductor parameters using least squares in photomagneto-electric investigations 1—52604
- Konczewicz, L. see Porowski, S. 1—47678
- Konczewicz, L. see Raymond, A. 1—52582
- Konczol, S. The influence of the atmosphere on infrared television measurements 1—50205
- Konczos, G. Crystal growth at the Central Research Institute for Physics 1—8209
- Konczykowski, M. see Morillo, J. 1—12130
- Konczykowski, M. see Porowski, S. 1—47678
- Kondakov, M.E. see Bykov, A.M. 1—41831
- Kondakova, L.V., Mikhailova, V.A., Gutorenko, O.M. Testing of device envelopes having glass-to-metal seals in pressure chambers 1—282
- Kondal, S.C., Seehra, M.S. Magnetostatic mode excitations in EuS 1—25919
- Kondala Rao, M. see Krishna Murty, T.S.G. 1—33462
- Kondas, L. see Dezso, L. 1—4854
- Kondic, N.N., Lassahn, G.D. Nonintrusive density distribution measurement in dynamic high-temperature systems 1—14105
- Kondilenko, I.I., Korotkov, P.A., Felinskii, G.S. Measurement of the electron quadratic non-linearity tensor from Raman light scattering in crystals 1—21175
- Kondilenko, I.I., Korotkov, P.A., Klimenko, V.A., Golubeva, N.G. Absolute Raman scattering cross sections of the rotational lines of nitrogen and oxygen 1—33471
- Kondilenko, I.I., Korotkov, P.A., Klimenko, V.A., Pisanskii, A.I. Effect of ammonium oxalate crystallization conditions on vibration spectra 1—43129
- Kondilenko, V. see Khizhnyak, A. 1—19386
- Kondo, H., Chiba, Y., Yoshida, T. Automatic apparatus for measuring veiling-glare distribution 1—363
- Kondo, H., Takajo, H. Recursive nonlinear image enhancement—vector processing 1—46235
- Kondo, H. see Goto, H. 1—18459, 1—33169
- Kondo, H. see Kojima, T. 1—18192
- Kondo, I. see Murakami, T. 1—27633
- Kondo, J. Free electron laser 1—33644
- Kondo, J. see Nagai, S. 1—16263
- Kondo, K., Ikuta, N. Fine structure of the positive streamer corona and its propagation mechanism 1—20010
- Kondo, K., Kobayashi, F., Takezoe, H., Fukuda, A., Kuze, E. Temperature variation of helical pitches in chiral smectic C liquid crystals as observed with an optical microscope 1—20053
- Kondo, K. see Baum, G. 1—28323
- Kondo, K. see Hasegawa, H. 1—23133
- Kondo, K. see Ikuta, T. 1—17412
- Kondo, K. see Kusumegi, A. 1—23997
- Kondo, K. see Morimoto, S. 1—42216
- Kondo, K. see Yasumoto, Y. 1—23254
- Kondo, M. see Masuda, T. 1—26946
- Kondo, M. see Matsuoka, N. 1—707
- Kondo, R. see Nishikawa, T. 1—20407, 1—47243
- Kondo, R. see Ohswa, S. 1—53310
- Kondo, S., Miyazawa, S., Sugii, K., Iwasaki, H. Refractive indices and surface morphology of LPE grown Li(Nb, Ta) O₃ films on LiTaO₃ substrates 1—3349
- Kondo, S., Nakanaga, T., Saeki, S. Infrared intensities and Coriolis interactions in methylene fluoride 1—29041
- Kondo, T. see Barish, B. 1—10192
- Kondo, T. see Ushida, N. 1—546
- Kondo, Y., Duffey, J.R., Luty, F. Raman scattering and perturbed phonons in KCl:KH and KCl:KD. Experiments 1—39090
- Kondo, Y., McCluskey, G.E., Feibelman, W.A. IUE observations of the ultraviolet spectrum of the close binary δ Pictoris 1—27559
- Kondo, Y., Takagi, M. Measurement of lower-stratospheric aerosol by a balloon-borne photometer 1—9253
- Kondo, Y., Worrall, D.M., Mushotzky, R.F., Hackney, R.L., Hackney, K.R.H., Oke, J.B., Yee, H.K.C., Neugebauer, G., Matthews, K., Feldman, P.A., Brown, R.L. Quasi-simultaneous observations of BL Lac object Mrk 501 in X-ray, UV, visible, IR, and radio frequencies 1—54609
- Kondo, Y. see Drechsel, H. 1—54548
- Kondo, Y. see Modisette, J.J. 1—9567
- Kondoh, F. Lens designing utilizing Seidel's coefficients 1—46517
- Kondoh, Y., Shimoda, K., Hirano, K. Measurements of energetic particle beams in a plasma focus 1—46912
- Kondor, I. Critical surface for a three-colour site percolation problem on the triangular lattice 1—5243
- Kondor, I., Temesvari, T. Exact critical condition for a site-diluted Potts model 1—44853
- Kondor, I., Temesvari, T., Herenyi, L. Resummation of the 1/n expansion through a self-consistent approach 1—217
- Kondorskaya, N.V. see Sollogub, V.B. 1—22281
- Kondow, T. see Suganuma, M. 1—31049, 1—38552
- Kondow, T. see Yenchu, A.J. 1—10706
- Kondranin, T.V. see Karasev, A.B. 1—2164
- Kondrashev, V.A. Asymptotics of wave packets in a model of a self-consistent plasma with an unstable velocity distribution 1—38115
- Kondrashev, V.E. see Eyles, V.F. 1—25839
- Kondrashova, L.I. see Butslav, M.M. 1—36184
- Kondrashova, N.N. see Gurtovenko, E.A. 1—22757
- Kondratene, O.P., Krupitskas, R.A., Shvydas, K.I. New section of Butenai (Lichvin) interglacial deposits in Sventoji river valley (Lithuanian SSR) 1—22366
- Kondratenko, A.M., Saldin, E.L. Generation of coherent radiation by a relativistic-electron beam in an undulator 1—1470
- Kondratenko, A.M., Saldin, E.L. Generation of coherent radiation by a relativistic electron beam in an undulator 1—10570
- Kondratenko, A.M. see Derbenev, Ya.S. 1—14712
- Kondratenko, A.N., Kuklin, V.M. On the beam mechanism of parametric instability control in bounded plasma 1—2191
- Kondratenko, A.V., Mazalov, L.N., Kornev, B.A. Ab initio study of X-ray excited states in NO and O₂ radicals 1—24058
- Kondratenko, A.V., Mazalov, L.N., Neiman, D.M. Ab initio study of extra emission spectra of molecules by the self-congruent field method. Limitations of the orbital model 1—41397
- Kondratenko, A.V., Mazalov, L.N., Neiman, K.M. Distribution of the oscillator strengths in the K absorption spectra of the CO and N₂ molecules 1—6276
- Kondratenko, M.M., Makogonenko, V.N., Orletskii, V.B. Structural defects and stability of the properties of Pb_{1-x}Sn_xTe single crystals 1—42391
- Kondratenko, P.A., Khutornaya, L.A., Shpak, M.T. The influence of anthracene single crystal annealing on low-temperature fluorescence spectra. I. Generation and annealing of dislocations. Theory 1—20207
- Kondratenko, P.A., Khutornaya, L.A., Shpak, M.T. The influence of annealing of anthracene crystals on the low-temperature fluorescence spectra. III. Excitation and impurity spectra 1—35096
- Kondratenko, P.A., Lisovenko, V.A., Khutornaya, L.A., Shpak, M.T. The influence of annealing of anthracene single crystals on low-temperature fluorescence spectra. II. Generation and annealing of dislocations. Experiment 1—31196
- Kondratenko, P.A. see Zharkov, I.P. 1—3435
- Kondratenko, V.M., Babich, V.K., Kalmaykov, V.V. Application of annular fatigue cracks of specified depth 1—26685
- Kondratenko, V.M. see Polyakov, S.N. 1—16888
- Kondrat'ev, B.P. Anisotropy of the velocity dispersion in elliptical galaxies 1—54636
- Kondrat'ev, E.Ya., Moskalenko, N.I. Evolution of the Earth's atmosphere and the greenhouse effect 1—54244
- Kondrat'ev, K.Ya., Moskalenko, N.I., Terzi, V.F. An optical model of Venus' cloud cover 1—22708

- Kondrat'ev, K.Ya., Moskalenko, N.I., Terzi, V.F. Radiative heat transfer in the atmosphere of Venus 1-27406
- Kondrat'ev, R.L. *see* Batyulin, A.V. 1-33215, 1-40894
- Kondrat'ev, R.L. *see* Dolbilkin, B.S. 1-51029
- Kondrat'ev, S.I. *see* Kirillov, P.L. 1-23740
- Kondrat'ev, S.Yu. *see* Koval', Yu.N. 1-43336
- Kondrat'ev, V.A. *see* Fateev, V.N. 1-23351
- Kondrat'ev, V.V. *see* Danilov, Yu.M. 1-29784
- Kondrat'ev, V.V. *see* Kiprianov, A.A. 1-17072
- Kondrat'ev, Yu.P. *see* Ivanov, A.A. 1-3244
- Kondrat'eva, V.A. *see* Kotlikov, E.N. 1-33433
- Kondrat'eva, V.V. *see* Filatov, S.K. 1-52317
- Kondratov, O.I. *see* Kofman, V.L. 1-2349
- Kondratyev, A.I. *see* Kostenko, M.I. 1-40852
- Kondratyev, K.Ya. The 'greenhouse effect' of minor constituents in the atmosphere 1-27249
- Kondratyev, K.Ya., Moskalenko, N.I. The greenhouse effect of planetary atmospheres 1-32639
- Kondratyuk, D.I. *see* Chetkin, M.V. 1-25977
- Kondratyuk, L.A., Vogelzang, J., Fanchenko, M.S. Relativistic correction to the binding energy of three nucleons in the Poincaré invariant theory 1-36900
- Kondratyuk, L.A. *see* Blinov, A.V. 1-23665
- Kondrusik, Ye.A. *see* Bezrodnyy, M.K. 1-29678
- Kondurov, I.A. *see* Alexeev, V.L. 1-639
- Kondurov, I.A. *see* Emelianov, B.A. 1-28827
- Kondy, A. *see* Sandstrom, R. 1-43461
- Kondy', A.I. *see* Romanov, O.N. 1-35366
- Konecny, M. *see* Kaluzny, J. 1-15338
- Konefal, Z., Szepeanski, J. Flash-lamp pumped dye laser excited by a transverse discharge 1-51503
- Konerlmann, G., Schwald, I. The formation of tigroid substance during postnatal maturation of the brain of mice after pre- and perinatal X-irradiation 1-43921
- Konetschny, W. *see* Ecker, G. 1-40929
- Kong, J.A. *see* Chung, S.L. 1-35986
- Kong, J.A. *see* Zhuang, M.A. 1-10892
- Kong Choo Yun *see* Choo Yun Kong
- Kong Hong Jin *see* Hong Jin Kong
- Kong Jin Au *see* Jin Au Kong
- Kong Qing-hu *see* Pan Zheng-liang 1-21500
- Kongstahorn, C. *see* Phillips, S.J. 1-44047
- Konheim, C.S. *see* Hasselriis, F. 1-53530
- Konieczko, M.B. *see* Briggs, D. 1-21613
- Konig, A., Leven, R. Ion-acoustic wave instabilities in noble gas DC-discharges at low pressures. I. Experimental arrangement and results 1-6942
- Konig, A. *see* Grein, W. 1-14412
- Konig, E., Desai, V.P., Kanellakopoulos, B., Klenze, R. Magnetic properties of the quasi one-dimensional Heisenberg linear chain antiferromagnet: manganese 1-30920
- Konig, E. *see* Kanellakopoulos, B. 1-35068
- Konig, G., Blum, W. Comparison between the cell structures produced by cyclic and monotonic deformation with the aid of transient creep experiments 1-12849
- Konig, H.G. *see* Strohmaier, B. 1-18649
- Konig, K., Baisch, H. DNA synthesis and cell cycle progression of synchronized L-cells after irradiation in various phases of the cell cycle 1-49074
- Konig, K. *see* Baisch, H. 1-49075
- Konig, U. *see* Jaschinski, W. 1-30984
- Konig, V. *see* Borbely, I. 1-28455
- Konig, V. *see* Gruebner, W. 1-14512
- Konig, V. *see* Jenny, B. 1-28486
- Koniges, A.E. *see* McKelvey, T.E. 1-907
- Konigsman, K. *see* Partridge, R. 1-18483
- Konijn, J., Berkhout, J.B.R., Hesselink, W.H.A., Verheul, H., Walker, P.M., De Boer, F.W.N., Fields, C.A., Sugarbaker, E. Intrinsic structure effects in the octupole bands of ^{152}Sm 1-50488
- Konijn, J., De Boer, F.W.N., Van Poelgeest, A., Hesselink, W.H.A., De Voigt, M.J.A., Verheul, H. The level structure of ^{156}Gd studied by means of the $(\alpha, 2n\gamma)$ reaction 1-41026
- Konijn, J. *see* De Boer, F.W.N. 1-14446
- Konijn, J. *see* Ganzorig, Dz. 1-23697
- Konijn, J. *see* Johansson, T. 1-18694
- Konikova, A.S. *see* Nikulin, V.I. 1-26875
- Konin, A.M. Phonon heating and drag action on Hall effect and transverse thermo EMF in bounded semiconductors 1-20780
- Koning, E.J.L. No decoupling: Comments on the generating-functional expansions of B.F.L. Ward 1-423
- Koning, L.D. *see* De Koning, L.
- Koningstein, J.A. *see* Mukherjee, S. 1-43132
- Koningstein, J.A. *see* Nicollin, D. 1-10027
- Koningsveld, L. Van *see* Van Koningsveld, L.
- Koningsveld, R. *see* Kleijntjes, L.A. 1-30370
- Koningsveld, R. *see* Solc, K. 1-38247
- Konior, J. *see* Longa, L. 1-52783
- Konishcheva, R. *see* Bayuk, E. 1-38455
- Konishi, A., Hosokawa, N., Annoh, K., Hiratsuka, H. Preparation and properties of carbon films with magnetron sputtering 1-31347
- Konishi, A. *see* Hosokawa, N. 1-21349
- Konishi, K. *see* Kalinowski, J. 1-45239
- Konishi, M., Wada, M., Nishikawa, O. Field ion microscopy of Ga-W and Ga-Mo interfaces. II. Temperature dependence of evaporation field 1-31320
- Konishi, M. *see* Wada, M. 1-30570
- Konishi, R., Kawamoto, Y., Kato, S. The changes of Auger electron appearance potential spectra of Fe by CO adsorption 1-39184
- Konishi, T. *see* Suzuki, A. 1-23524
- Konisi, G., Takahashi, W. Equivalence of nonrenormalizable theories to renormalizable theories in a composite ($Z=0$) limit 1-45133
- Konjevic, N. *see* Dimitrijevic, M.S. 1-10692
- Konjevic, N. *see* Ikonic, Z. 1-41685
- Konkashbaev, I.K. *see* Alipchenkov, V.M. 1-19949
- Konkashbaev, I.K. *see* Kareev, Ju.A. 1-38135
- Konkel, W.A. *see* Fiore, N.F. 1-21599
- Konkin, M.K., Adler, J.G. Annealing effects in tunnel junctions (voltage annealing) 1-16383
- Kon'kova, L.T. *see* Kolotygin, S.A. 1-294
- Konnert, J.H. *see* D'Antonio, P. 1-7039
- Konnerth, D., Bernhard, K.G., Eberhard, K.A., Singh, R., Strzalkowski, A., Trautmann, W., Trombik, W. Elastic and inelastic scattering of ^{14}C by ^{14}C 1-18665
- Konnikov, S.G. *see* Akhmedov, D. 1-51483
- Konnikov, S.G. *see* Bert, N.A. 1-25590
- Konnikov, S.G. *see* Elyukhin, V.A. 1-34599
- Konnikova, V.K. *see* Berlin, A.B. 1-17898
- Konno, M. Anomalous thickness dependence of the saturation magnetization in Fe-Ni Invar alloy films 1-7903
- Konno, M. *see* Sugawara, S. 1-6739
- Konno, S. *see* Takahashi, T. 1-21269
- Kono, A., Hattori, S. Simple digital waveform averager for photon counting 1-36720
- Kono, H., Fujimura, Y., Nakajima, T. Field correlation effects on the resonant light scattering 1-1277
- Kono, H. *see* Seo, K. 1-6264
- Kono, K. The type ND-5804 on-line sulfur analyzer 1-35592
- Kono, K., Iye, Y., Kajita, K., Kobayashi, S., Sasaki, W. Electron escape from the image-potential-induced surface states of liquid helium 1-7414
- Kono, K., Kobayashi, S., Sasaki, W. Anomalous propagation of short-wavelength third sound 1-52372
- Kono, K. *see* Akino, Y. 1-41273
- Kono, M., Skoric, M.M., ter Haar, D. Ponderomotive force in a dispersive medium in a variable electromagnetic field 1-15614
- Kono, R. *see* Izumi, Y. 1-25487
- Kono, S., Fadley, C.S. Determination of surface atomic geometries from angle-resolved photoemission of core levels 1-26361
- Kono, S., Goldberg, S.M., Hall, N.F.T., Fadley, C.S. Chemisorption geometry of $\text{c}(2\times 2)$ oxygen on Cu (001) from angle-resolved core-level X-ray photoemission 1-39214
- Kono, S. *see* Goldberg, S.M. 1-8187
- Kono, S. *see* Hussain, Z. 1-20617, 1-39216
- Konobeevskii, E.S., Popov, V.I. Excitation of collective states in inelastic scattering of low-energy neutrons in the 3p-resonance region 1-36898
- Konobeevskii, E.S. *see* Belov, A.S. 1-10587
- Konobeevskii, E.S. *see* Efrosin, V.P. 1-28409
- Kononchuk, G.L., Anisimov, N.A., Boiko, S.A., Goloborod'ko, A.V., Kolovskaya, L.V. Two stages of ruby crystal phosphorescence and coloration under optical excitation 1-31198
- Kononenko, G.A. *see* Abdurazakov, A.A. 1-33217
- Kononenko, G.V., Slovikovskii, V.V., Gostyukhina, I.N., Fershtater, A.A., Khokhlov, O.I. Experience in producing basic fused-cast refractories 1-31398
- Kononenko, S.I. *see* Babenko, V.A. 1-43233
- Kononenko, V.G., Gostomel'skii, V.S. Coalescence and sintering of pores in plane group 1-20190
- Kononenko, V.I. *see* Pustovalov, V.I. 1-16866
- Kononenko, V.K., Pak, G.T., Ryabtsev, G.I., Yashumov, I.V. Investigation of luminescence during degradation of GaAs-(Al, Ga)As laser diodes 1-41704
- Kononenko, V.K. *see* Drapkin, B.M. 1-53372
- Kononenko, V.L. *see* Yurchenko, Yu.F. 1-21520
- Kononenko, Yu.T. *see* Beli, M.U. 1-8133
- Kononkova, G.E., Pivovarov, A.A., Pokazezev, K.V. Generation of wind waves on a leeward current for short fetches 1-32463
- Kononkova, N.N., Reikhrudel', E.M., Smirnit'skaya, G.V. Thin-film deposition with a Penning discharge 1-26387
- Kononov, A.V. *see* Blazhenkov, V.V. 1-42141
- Kononov, B.A. *see* Bugaev, S.P. 1-1000
- Kononov, I.G. *see* Apolonsky, V.V. 1-33658
- Kononov, P.S. *see* Kuleev, V.G. 1-35486
- Kononykhin, V.S. *see* Gogishvili, O.S. 1-20411
- Konopasek, L. *see* Chakraborty, S.B. 1-39457
- Konopasov, N.G., Kunin, V.N., Pleshivtsev, V.S. Electric field of high-power vertical thermal jets 1-32495
- Konopchenko, B.G. On the structure of the commutative Z_2 graded algebra valued integrable equations 1-434
- Konopchenko, B.G., Mokhnachev, V.G. On the group theoretical analysis of differential equations 1-447
- Konopel'chenko, V.G., Rumer, Yu.B. Atoms and hadrons (classification problems) 1-525
- Konopka, J., Majewski, J.J. A new microwave method for testing nonlinear effects in solids 1-21691
- Konoplenko, V.P., Artyukhina, L.L., Tubyshkin, Yu.A., Shulepov, V.I., Musienko, V.T. Dependence of the mechanical properties of a P/M nickel alloy on deformation temperature and rate 1-35334
- Konoplev, L.N., Kochetkova, L.P., Rakhshadt, A.G., Favstov, Yu.K. Influence of nickel, aluminum and iron on kinetics of structural transformations and properties of manganese-copper alloys 1-21489
- Konoplich, R.V. On the probability of decay of a metastable vacuum 1-5545
- Konoplin, S.N. *see* Gusev, Yu.L. 1-24423
- Konoplya, M.M., Pogorelyi, V.K. Quantum-chemical investigation of hydrogen bonds in complexes of the H_2O and H_2S molecules 1-37360
- Konoplyanikov, A.K. *see* Dunaitzev, A.F. 1-14776
- Konoplyeva, R.F. *see* Barsov, S.G. 1-16518
- Konopnicki, M.J., Drummond, P.D., Eberly, J.H. Theory of lossless propagation of simultaneous different-wavelength optical pulses 1-51564
- Konopnicki, M.J. *see* Eberly, J.H. 1-19140
- Konoshima, S. *see* Nagami, M. 1-15637
- Konoshima, S. *see* Shimada, M. 1-11539
- Konor, V.I. *see* Bunkin, F.V. 1-35449
- Konor, V.I. *see* Ursu, I. 1-19921
- Konovalenko, V.V. *see* Vendik, O.G. 1-26119
- Konovalov, A.D. *see* Bogdankevich, O.V. 1-33684
- Konovalov, A.F. *see* Khodsov, E.F. 1-38955
- Konovalov, I.N., Tarasenko, V.F. Optimum pumping of a XeBr laser 1-24409
- Konovalov, O.G. *see* Bratashevskii, A.S. 1-5633
- Konovalov, O.S., Golovko, A.S., Roitman, V.I. A self-balancing device for the KF-1 (KIFM-1) ferroprobe coeimeter 1-36710
- Konovalov, V.I., Ishchenko, S.S., Okulov, S.M. Axial crystal field and electron spin resonance in GaSe 1-31022
- Konovalov, V.M. *see* Nikulin, V.A. 1-53375
- Konovalov, V.P., Son, E.E. Electron distribution and ion composition of a molecular plasma excited by an electron beam 1-24944
- Konovalova, N.A. *see* Babadzhanyan, P.B. 1-4831
- Konrad, A. The numerical solution of steady-state skin effect problems—an integrodifferential approach 1-52590
- Konrad, W.L., Carlton, L.F. High resolution bottom and subbottom profiling with the parametric source [sonar] 1-32564
- Konradi, A., Fritz, T.A., Su, S.-Y. Time-averaged fluxes of heavy ions at the geostationary orbit 1-17742
- Konschak, K. *see* Ackermann, G. 1-5843
- Kon'shin, V.A. *see* Antisipov, G.V. 1-18833
- Konshstein, S.E., Fradkin, E.S. Asymptotically supersymmetric single interaction model based on E_8 1-18122
- Konsin, P. Ferroelectric phase transitions induced by electron-phonon interaction in narrow-gap semiconductors 1-48012
- Konson, A.S., Belodedov, V.I. Technical-economic problems of using automatic devices in the optical industry 1-1742
- Konstantinovich, K.M. *see* Torochkov, V.Yu. 1-29413
- Konstantinova, A.G. *see* Grechushnikov, B.N. 1-31122
- Konstant, Z.A. *see* Krasne, Z.Ya. 1-35172
- Konstant, Z.A. *see* Krasnikov, V.V. 1-34303
- Konstantinidis, S. The vibration of fast reactor fuel element model at cooling medium higher flow rates 1-28522
- Konstantinov, A.A. The functional approach to turbulence 1-29658
- Konstantinov, A.S. *see* Dzhelezin, R.I. 1-23503
- Konstantinov, A.S. *see* Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Konstantinov, L.V. *see* Zheludev, I.S. 1-875
- Konstantinov, P.P. *see* Bytenskiy, L.I. 1-20404
- Konstantinov, P.P. *see* Gruzinov, B.F. 1-38789
- Konstantinov, V.B. On the comparison of the sensitivity in ordinary photographic recording and in holography 1-15113
- Konstantinov, V.F. *see* Dzhelezin, R.I. 1-23503, 1-45369
- Konstantinov, V.F. *see* Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Konstantinov, V.I. *see* Matveev, A.V. 1-24466
- Konstantinov, V.L. *see* Sokolov, V.I. 1-21174
- Konstantinov, Yu.S., Smirnov, A.M. Regenerative high-resolution NMR spectroscopy 1-44970
- Konstantinova, S.A. *see* Borisenko, V.E. 1-51518
- Konstantinova, V.G. *see* Il'ina, V.P. 1-43378
- Konstantinovskii, V.A. *see* Baev, V.K. 1-24898
- Kontio, A., Coppens, P. New study of the structure of MnAl_2 1-42340
- Kontoleon, J.M. SAFE [nuclear reactor computer code] 1-817
- Kontor, N.N. *see* Vernov, S.N. 1-4731
- Konuma, M., Kanaki, Y., Matsumoto, O. Titanium nitride deposition in an RF discharge 1-21366
- Konuma, M. *see* Aoki, K. 1-5551
- Konvicka, H.R. *see* DeVan, J.H. 1-28694

- Konwent, H., Plakida, N.M. On the theory of structural phase transitions in magnetic crystals 1-12300
- Konya, L. Spiroscreen model SP-21. A modern pulmonary diagnostic device 1-17518
- Konyakhin, I.A., Pankov, E.D. Reflector for triaxial angle-measuring devices 1-11063
- Konyakhin, I.A., Pankov, E.D. Triaxial autocollimator 1-24476
- Konyashkina, V.I. *see* Ivantsev, A.S. 1-39167
- Konyenburgh, P.H. *see* Van Konyenburgh, P.H.
- Konyukhov, N.I. *see* Vargin, A.N. 1-33498
- Konyushkina, N.I. *see* Krylova, I.V. 1-26373
- Koo, D.C., Kron, R.G. Primeval galaxies: a new look in red light 1-32762
- Koo, E.L. *see* Ley Koo, E.
- Koo, J.C. Microsphere thermal deformer [inertial confinement fusion target deformation] 1-14140
- Koo, K.P. *see* Tran, D.C. 1-46559
- Koo Yang Mo *see* Yang Mo Koo
- Kooli, C.F. Salt gradient solat pond with reflective bottom: application to the 'saturated' pond 1-53662
- Kool, P. *see* De Grande, G. 1-34027
- Koolhaas, B.C., Vermeer, J. Recommendations for reporting on experimental high-voltage breakdown investigations on insulating materials and systems 1-21125
- Koomen, M.J., Sheeley, N.R., Jr., Michels, D.J., Howard, R.A. Recent satellite observations of the corona 1-13756
- Koomen, M.J. *see* Michels, D.J. 1-4900
- Koomen, M.J. *see* Poland, A.I. 1-54466
- Koon, D. *see* Woo, S.B. 1-37281
- Koon, N.C., Rhyné, J.J. Exchange and crystal field excitations in rare-earth iron and rare-earth cobalt Laves-phase compounds 1-20972
- Koon, N.C., Rhyné, J.J. Ground-state spin dynamics of ErCo_2 1-34874
- Koon, N.C., Williams, C.M. Magnetic anisotropy and spin reorientations in $\text{Ho}_2\text{Ti}_2\text{Fe}_2$, $\text{Dy}_2\text{Ti}_2\text{Fe}_2$, and $\text{Ho}_2\text{Ti}_2\text{Dy}_{1-x}\text{Fe}_x$ 1-20975
- Koon, N.C. *see* Rhyné, J.J. 1-25888
- Koon-Lam Lai *see* Callear, A.B. 1-10714
- Koonin, S.E. The time-dependent Hartree-Fock description of heavy-ion collisions 1-14550
- Koonin, S.E. *see* Alhassid, Y. 1-41082
- Koonin, S.E. *see* Cugnon, J. 1-50616
- Koonin, S.E. *see* Randrup, J. 1-50537
- Koontz, R.W. *see* Anderson, B.D. 1-41109
- Koontz, R.W. *see* Cowley, A.A. 1-23658
- Koontz, S.L., Denton, B. A very high yield electron impact ion source for analytical mass spectrometry 1-36764
- Koopman, A.F. Do high-voltage overhead lines affect the health of residents? 1-8896
- Koopmann, G.H., Pollard, H.F. A joint acceptance function for enclosed spaces 1-41970
- Koopmann, G.H. *see* Neise, W. 1-29495
- Koornneef, J. *see* Blanco, V.M. 1-36313
- Koos, M. *see* Kosa Somogyi, I. 1-31202
- Kooten, J.F.C. *see* van Leeuwen, J.F.C.
- Kooter, J.A., Canters, G.W. Zeeman and optical experiments on the lowest triplet state of palladium porphyrin 1-10779
- Kooter, J.A. *see* Canters, G.W. 1-39141
- Kootsey, J.M., Johnson, E.A. The origin of the T-wave 1-39905
- Kooy, H. *see* Bebek, C. 1-33191
- Kooy, H. *see* Chadwick, K. 1-33192
- Kooskanani, S.H., Stockwell, C.W., McGhee, R.B., Firoozmand, F. On the role of dynamic models in quantitative posturography 1-9050
- Kopachevskii, N.D., Ngo Zui Kan A problem of the theory of free convection 1-24782
- Kopaev, Yu.V. *see* Vesin, V.F. 1-42691
- Kopaev, Yu.V. *see* Volkov, B.A. 1-12465
- Kopainsky, B., Seilmeier, A., Kaiser, W. Fluorescence and laser action of 'old' (No.9860) and new mode-locked dyes 1-51476
- Kopainsky, B. *see* Krantitz, W. 1-41691
- Kopal, Z. Ice Ages on the Earth and their astronomical implications 1-4606
- Kopal, Z., Yamasaki, A. Fourier analysis of the light curves of eclipsing variables. XXVI. Comparison with Kitchner's method 1-9571
- Kopal, Z. *see* Budding, E. 1-22835
- Kopalevich, T.I., Shkhriladze, V.S. $\pi^0\text{He}$ scattering in region of the (3,3) resonance and some aspects of multiple scattering theory 1-18687
- Kopani, V.S. *see* Revo, S.L. 1-21391
- Kopaniets, E.G. *see* Inopin, E.V. 1-33214
- Kopcewicz, M. Influence of the surface anisotropy on the RF collapse effect 1-39012
- Kopecky, J. *see* de Boer, J. 1-36943
- Kopecky, M., Kuklin, G.V., Ruzickova-Topolova, B. On the relative inhomogeneity of long-term series of sunspot indices 1-40453
- Kopecky, W.J. Using liquid dielectrics to obtain spatial thermal distributions [in microwave hyperthermia] 1-8954
- Kopeikin, V.I. Electron and antineutrino spectra from fragments of the fission of ^{235}U , ^{239}Pu induced by thermal neutrons and of ^{238}U induced by fast neutrons 1-36973
- Kopeikin, V.I. *see* Borovo, A.A. 1-18603
- Kopelevich, O.V., Gushchin, O.A., Mashtakov, Yu.L. The vertical distribution of light scattering properties in the upper ocean layers 1-13468
- Kopelovich, A.I. *see* Gurzhi, R.N. 1-2937
- Kopelovich, B.Z., Lapidus, L.I. Parton state mixing and the real part of the elastic scattering amplitude for high energy hadrons by nuclei 1-28478
- Kopelovich, B.Z., Nikolaev, N.N. On inelastic screening in K_β regeneration on nuclei 1-10205
- Kopelovich, B.Z. *see* Beg, L. 1-18504
- Kopelovich, B.Z. *see* Veg, L. 1-45491
- Kopelovich, V.B. *see* Vesna, V.A. 1-41094
- Kopell, B.S. *see* Pfefferbaum, A. 1-17373, 1-17401
- Kopell, B.S. *see* Roth, W.T. 1-26909
- Kopelman, R. *see* Agyrakis, P. 1-183
- Kopelman, R. *see* Ahlgren, D.C. 1-30639
- Kopelman, R. *see* Argyrakis, P. 1-3450
- Kopelyanskii, G.D. *see* Matveenko, L.I. 1-17893
- Koperies, B.M. *see* Gomonnai, A.V. 1-2664
- Kopernikov, V.N., Pridantsev, M.V., Yakovleva, E.F., Rybakova, E.V. Effect of vanadium phase on the properties of steel 16G2AF 1-16783
- Kopetski, Ch.V. *see* Abrosimov, N.V. 1-31335
- Kopetski, Ch.V. *see* Azoyan, S.E. 1-31332
- Kop'ev, I.M., Busalov, Yu.E., Krumpkhol'd, R., Paul, G. Deformable composite materials in the Al-steel system 1-16718
- Kop'ev, P.S. *see* Alferov, Zh.I. 1-1578
- Kopff, P. Coupling between reverberant sound fields and modes of resonant vibrations. Applications to building acoustics 1-51658
- Kopilevich, Yu.I. *see* Zil'bergeit, A.S. 1-23025, 1-27790
- Kopineck, H.J. *see* Maurer, A. 1-21689
- Kopinets, I.F. *see* Suslikov, L.M. 1-43096
- Kopinga, K. *see* Boersma, F. 1-34892
- Kopin, N.B. *see* Ivlev, B.I. 1-7794, 1-30886
- Koponen, B.L. Criticality of water-moderated and reflected plutonium arrays 1-10508
- Kopotev, V.A. Plane adiabatic expansion of a heated polymer layer 1-25473
- Kopp, C. *see* Oebrecht, B. 1-40030
- Kopp, C. *see* Rusch, P. 1-35803
- Kopp, J. *see* Chung, S.U. 1-14423, 1-45362
- Kopp, M.K. *see* Hendricks, R.W. 1-28143
- Kopp, R.A. A semi-analytical approach to time-dependent coronal expansion 1-36254
- Kopp, W.-U., Linke, U. The metallography of composite materials 1-43630
- Kopp, W.-U. *see* Linke, U. 1-48630
- Koppel, A. On some aspects of the generation methods of exact axially symmetric stationary solutions of Einstein's equations 1-50012
- Koppel, A., Lember, T. On non-relativistic analysis of the generation methods of axially symmetric stationary solutions of Einstein's equations 1-50013
- Koppel, H., Haller, E., Cederbaum, L.S., Domcke, W. Jahn-Teller effect for very strong coupling 1-19041
- Koppellmann, G., Rudolph, H. Quasi-optical millimeter-wave measurements: refractive index of thin plates 1-29407
- Koppen, H. *see* Gutlich, P. 1-3301
- Koppen, J., Kegel, W.H. Population inversion and suprathermal excitation in carbon monoxide 1-1287
- Koppen, K. *see* Dittmann, H. 1-28013
- Koppendorfer, W. *see* Fahrbach, H.U. 1-51937
- Koppol, A.D. *see* Nievegert, P.G.M. 1-21841
- Koppits, B. *see* Berger, Ch. 1-23511
- Koppitz, B. *see* Berger, Ch. 1-5636, 1-10209
- Koppitz, B. *see* Berger, Ch. 1-14404, 1-45255, 1-45331, 1-50412
- Koppitz, J. *see* Kapphan, S. 1-2581
- Koppin, H., Motschmann, H., Rolf, K.P., Zuckler, K. Study of the arc and of the interaction between arc and operating mechanism in SF₆ puffer breakers 1-34515
- Koprinarova, J.B. *see* Kirov, K.I. 1-3638
- Koprinkov, I.G. *see* Dinev, S.G. 1-24435
- Kops, J.J.T. *see* Hemmes, R.J. 1-49470
- Kops-Verkhoven, M.M., Fijnaut, H.M. Dynamic light scattering and sedimentation experiments on silica dispersions at finite concentrations 1-43709
- Kopier, V.P. *see* Dakhno, L.G. 1-40995
- Kopitski, V.A. Symmetry of real crystals 1-20098
- Kopylov, A.V. *see* Barabanov, I.R. 1-45543
- Kopylov, I.M. Q0957+561 1-9717
- Kopylov, I.M. Q0957+561 1-27631
- Kopylov, S.V. *see* Plaskashevskii, Yu.M. 1-31788
- Kopylov, V.A. *see* Kravtsev, D.Ya. 1-31333
- Kopylov, V.N. *see* Zhil'yaev, I.N. 1-20781
- Kopylova, D.K. *see* Adrahmanov, E.O. 1-722
- Kopylova, T.N. *see* Danilova, V.I. 1-6552
- Kopylova, T.N. *see* Gruzinskii, V.V. 1-33679
- Kopysh, V.P., Khurastel, V.V. Equation of state of hydrogen of up to 10 Mbar 1-46854
- Kopystyrya, N.P. *see* Kapshivi, A.A. 1-29543
- Kopytenko, Yu.A. *see* Novikov, Yu.P. 1-4720
- Kopytin, I.V. *see* Batkin, I.S. 1-18604, 1-41354
- Kopytin, V.P. *see* Zaluzhnyi, A.G. 1-5851
- Kopytin, Yu.D. *see* Godlevskii, A.P. 1-15631
- Kopytina, M.V., Meleshina, A.M. Effect of intramolecular interactions on the frequency of the valence vibrations as revealed by the CNDO/2 method 1-6176
- Kor, S.K., Khare, R.P. Acoustical investigations of ultrasonic propagation parameters in five cubic crystals 1-38472
- Korablev, V.V., Libenson, B.N., Maiorov, A.A., Rumyantsev, V.V. Anisotropy of the secondary emission of electrons which have undergone characteristic energy losses in a crystal 1-26321
- Korablev, V.V. *see* Ershova, T.P. 1-53026
- Korablev, V.V. *see* Strakovskaya, S.E. 1-30547
- Korableva, S.L., Kupchikov, A.K., Petrova, M.A., Ryskin, A.I. Phonon and electron Raman scattering of light in LiTmF_4 and LiYbF_4 crystals 1-26214
- Koral, K.F. *see* Rogers, W.L. 1-53878
- Koralewski, M. Magneto-optical phenomena in LiIO_3 crystals 1-21177
- Korasi, C., Somerville, I.C., Farish, O. Electrode-area and surface-roughness effects on breakdown of SF_6/N_2 mixtures 1-19996
- Korb, G. *see* Zdzunkowski, W.G. 1-4612
- Korb, J.-P., Maruani, J. Measurement of spin-spin and spin-lattice relaxation rates for inhomogeneously broadened lines. II. Slow spectral diffusion case 1-41409
- Korb, J.-P., Maruani, J. Pulse saturation behavior of inhomogeneously broadened lines. I. Slow spectral diffusion case 1-42992
- Korb, J.-P., Maruani, J. Cross-relaxation rates and effective correlation distances for two randomly distributed dilute spin species 1-47926
- Korbel, A., Dybiec, H. The problem of the negative strain-rate sensitivity of metals under the Portevin-LeChatelier deformation conditions 1-26533
- Korbel, A., Dybiec, H., Pawelek, A. Some examples of strain localization in uniaxial stress state 1-47148
- Korbel, V. *see* Altkofer, O.C. 1-45773
- Korbel, V. *see* Aubert, J.J. 1-5630
- Korbel, Z. *see* Abrahammanov, E.O. 1-722
- Korblein, A. *see* Heitjans, P. 1-31054
- Korbulu, D. *see* Amplatz, K. 1-26999
- Korchagin, P.I. *see* Korchagin, V.I. 1-49807
- Korchagin, S.A. *see* Abrahammanov, E.O. 1-722
- Korchagin, S.A. *see* Baatar, Ts. 1-18655
- Korchagin, S.A. *see* Gulkanyan, G.R. 1-41050
- Korchagin, V.I., Korchagin, P.I. Modulation instability of spiral density waves 1-49807
- Korchagin, Yu.N. *see* Belov, A.G. 1-26294
- Korchashkin, N.N., Lozovatskiy, I.D. Variability of the statistical characteristics of the fine structure of the sea temperature field 1-4523
- Korchikov, S.D. *see* Golubnichii, P.I. 1-15519
- Korchin, V.A. *see* Lebedev, T.S. 1-22282, 1-40069
- Korchynsky, M. *see* Oyama, T. 1-16856
- Korczak, S. *see* Misra, S.K. 1-47942
- Korda, L.-P. *see* Inopin, E.V. 1-33214
- Kordes, K.V., Tomatschger, K. Primary batteries 1-40918
- Kordes, K.V. *see* McBreen, J. 1-48831
- Kordos, P., Polak, M. Some properties of Hall probes from GaAs at low temperatures 1-50174
- Kordulla, W. *see* Hirschel, E.H. 1-29739
- Koree, J. A general model of the chemical vapour deposition process. I. Theory 1-39246
- Koree, J. A general model of the chemical vapour deposition process. II. Experimental verification for some particular cases 1-39247
- Korechhoff, R.P. *see* Parazzoli, C.G. 1-10966
- Korecz, L. *see* Vertes, A. 1-17957
- Koreivo, A. *see* Andzhevskii, Yu. 1-36952
- Koremer, H. How incorrect is the classical partition function for the ideal gas? 1-22976
- Koren, G., Levin, L., Daham, M., Oppenheim, U.P. Efficient V-V energy transfer in a multiphoton excited mixture of SF_6 and CF_4 1-29021
- Koren, N.N., Postnova, L.I. Growth of germanium telluride single crystals from the gas phase 1-35155
- Koren, U. *see* Zanelli, C. 1-4904
- Korenbliit, S.E. *see* Avdeenko, V.A. 1-50437
- Koreneva, L.G. *see* Zolov, V.F. 1-35086
- Koreneva, N.A. *see* Babkina, T.V. 1-6671
- Koren'kov, Yu.N. Effect of motions in the neutral atmosphere on the seasonal-daily behavior of the E layer 1-22576
- Koren'kov, Yu.N. *see* Smertin, V.M. 1-4687
- Korepanov, G.Ya. Times of deceleration and cascades of atomic transitions for negative muons in hydrogen 1-6413
- Korenovskii, G.M. *see* Dupuy, C. 1-33520
- Korenovskii, G.M. *see* Hetherington, W.M., III 1-35585
- Korepanov, A.G. *see* Kirichenko, N.A. 1-53428
- Korepin, V.E. The mass spectrum and the S matrix of the massive Thirring model in the repulsive case 1-412
- Korepin, V.E. Direct calculation of the S-matrix in the massive Thirring model 1-14256
- Koresawa, S. *see* Kasahara, J. 1-9271, 1-44315

- Koreshev, S.N., Semenov, G.B. Formation of astigmatic wave fronts by a holographic method 1-29232
- Koreshev, V.I. see Ammosov, V.V. 1-40980
- Koreshev, V.I. see Efremenko, V.I. 1-33173
- Korets, A.Ya. see Aver'yanov, E.M. 1-2323
- Korets, N.S. see Mozol', P.E. 1-19381
- Korets, N.S. see Sal'kov, E.A. 1-21250
- Koretzskaya, L.S., Snezhkov, E.L., Tkachenko, T.I. Universal instrument for testing film materials 1-16993
- Koretzskii, V.P. see Dolbilkin, B.S. 1-51029
- Korhonen, A.S., Sulonen, M. Force requirements in deep drawing of cylindrical shells 1-3776
- Korhonen, T., Pirola, V. Variable linear polarization in the X-ray binary HD 77581 1-27552
- Koriavin, A.R. see Volkova, C.V. 1-15587
- Korienko, L.S. see Baskakov, A.N. 1-51595
- Korinetskii, N.A., Levitskii, R.R. Dynamical theory of orthophosphates in the cluster approximation 1-52901
- Korin'ko, A.N. see Chviruk, V.P. 1-48728
- Korkka-Aho, M. see Johnson, P. 1-5659
- Korkka-aho, M. see van Apeldoorn, G.W. 1-45357
- Korkhob, V.P. see Molchanov, Yu.M. 1-15818
- Korkmaz, M. Electron spin resonance spectrum of Mn^{2+} in single crystal of potassium oxalate monohydrate 1-12394
- Kormakov, A.A. see Il'in, A.S. 1-5296
- Kormakov, A.A. see Zagorskii, Ya.T. 1-5271
- Kormany, T. see Kosza, G. 1-8233
- Kormer, M.V. see Veinberg, V.B. 1-4350
- Kormer, S.B., Kochemasov, G.G., Mashendzhinov, V.I., Stankov, E.A., Urtin, V.D. Chemical laser initiated by self-emission 1-46327
- Kormer, S.V., Nikolaev, V.D., Rukavishnikov, N.N., Sukharev, S.A. Use of thin metal coatings to decouple the amplifier stages of high-power laser systems 1-37511
- Kormicki, J. see Alkhaizov, G.D. 1-45464
- Kormilitsyn, D.V. see Artyushenko, V.G. 1-51575
- Korn, C., Goren, S.D. Rotating frame measurements of hydrogen diffusion in titanium hydrides 1-3279
- Korn, C., Goren, S.D. T_1 measurements of hydrogen diffusion in titanium hydride 1-26066
- Korn, C. see Goren, S.D. 1-3285, 1-38994
- Korn, G. see Mory, S. 1-51504
- Korn, H. see Faber, D.S. 1-4259
- Korn, V. see Petro, W. 1-22146
- Kornaurov, B.E. see Batrakov, V.P. 1-53348
- Kornblit, A. see Ahlers, G. 1-42595
- Kornblit, L. Elastic calculation of self-interstitial formation energies in FCC metals 1-7167
- Kornblit, L. see Sharon, A. 1-12111, 1-53306
- Kornblum, A.I. see Rudenko, V.P. 1-35448
- Korneev, D.A., Kudriashov, V.A. Experimental determination of the characteristics of a spin-flipper with a prolonged working area 1-45763
- Korneev, G.N., Sokol, I.Ya. Effect of the original structure on recrystallization of alloy $KhN50VMKTYr$ 1-43364
- Korneev, V.A. see Abramov, B.D. 1-33278
- Korneev, V.V., Krutov, V.V., Mandelstam, S.L., Sylwester, B., Tindo, I.P., Urnov, A.M., Valnicke, B., Zhitnik, I.A. Solar flare X-ray spectra. III. Initial and final phase 1-36259
- Korneev, V.V., Zhitnik, I.A., Mandelstam, S.L., Urnov, A.M. On Doppler shifts of the Fe XXV ion resonance line in solar flare X-ray spectra 1-36260
- Korneev, V.V. see Sylwester, B. 1-49598
- Korneichuk, V.A., Sheinkman, M.K., Yaremko, A.M. Electron-hole liquid in polar semiconductors 1-20640
- Korneichuk, V.A. see Artamonov, V.V. 1-52514
- Kornelsen, E.V., Van Gorkum, A.A. A study of bubble nucleation in tungsten using thermal desorption spectrometry: clusters of 2 to 100 helium atoms 1-2809
- Kornelsen, E.V. see van Gorkum, A.A. 1-52201
- Kornelsen, R.O. see Henkelman, R.M. 1-43916
- Kornelson, M. see Brehrer, L. 1-7764
- Korner, A., Karnthaler, H.P. The study of glide dislocation loops on {001} planes in a FCC alloy 1-38373
- Korner, A. see Karnthaler, H.P. 1-11767
- Korner, H.J. see Essel, H. 1-6076
- Korner, H.J. see Mayer, W. 1-18567
- Korner, H.J. see Rehm, K.E. 1-50641
- Korner, H.J. see Sperr, P. 1-18677
- Korner, M. Centrifugal acceleration equipment type ZBE 2 [for calibration of piezoresistive acceleration pickups] 1-283
- Korner, M., Kruse, A. Integrated piezo-resistive acceleration pick-ups 1-23217
- Korner, A.D., Livshits, M.I. Adhesion of detonation-deposited coatings 1-4000
- Korner, B.A. see Kondratenko, A.V. 1-24058
- Korner, V.V. see Dvurechenskii, A.V. 1-12495, 1-39060
- Korneva, N.N., Vaksman, Yu.F., Serdyuk, V.V. Mechanisms for the excitation of self-induced photoluminescence in monocrystalline zinc selenide 1-48150
- Korngold, E. see Egozy, Y. 1-8544
- Korngor, M. see Levine, B.F. 1-15216
- Kornherr, M. see Niedermeyer, H. 1-25040
- Kornhuber, H.H. see Jurgens, R. 1-48987
- Kornikova, E.O., Ishkova, L.V. Structural characteristics of welded pipe of steel 12Kh18N10T 1-48432
- Kornienko, L.A., Kovtun, K.V., Nikolaenko, A.A., Taranenko, I.A., Tikhinskii, G.F. Cell structure investigation of Be hydroextruded at high temperatures 1-53217
- Kornienko, L.A., Shokurov, V.S., Nikolaenko, A.A., Papirov, I.I., Tikhinsky, G.F. Electron-microscopic examination of beryllium structure in the superplastic deformation process (short communication) 1-16839
- Kornienko, L.A. see Shokurov, V.S. 1-3826, 1-43422
- Kornienko, L.S., Kravtsov, N.V., Lariontsev, E.G., Sidorov, V.A. CW solid-state laser with kinematic mode locking 1-51497
- Kornienko, L.S., Kravtsov, N.V., Lariontsev, E.G., Yatsenko, Yu.P. Effect of laser parameters on the conditions for optimum mode locking 1-29304
- Kornienko, L.S., Kravtsov, N.V., Shelaev, A.N. New types of emission of a solid-state ring laser with a time-varying cavity 1-24438
- Kornienko, L.S., Lariontsev, E.G., Sidorov, V.A. Theory of kinematic mode locking in a solid-state laser 1-33727
- Kornienko, L.S. see Denker, B.I. 1-43010
- Kornienko, L.S. see Isac, S.K. 1-11007
- Kornienko, O.G. Computation of visco-plastic flows in cylindrical pipes of arbitrary cross-section 1-15543
- Kornienko, P.A. see Pugin, V.S. 1-39537
- Kornikova, V.P., Kotsubanov, V.D., Letuchi, A.N., Pavlichenko, O.S. Study of transition processes during pumping of hydrogen atoms in a plasma by resonant laser radiation 1-29851
- Kornikova, B.A. see Makarov, A.P. 1-7924
- Kornikova, B.A. see Sidikhin, A.F. 1-7872
- Kornilov, I.I. see Kosachev, L.S. 1-39378
- Kornilov, L.N. see Efremenko, V.V. 1-46414
- Kornilovich, B.Yu. see Ovramenko, N.A. 1-35511
- Kornitskii, A.G. see Levonovich, B.N. 1-20821
- Kornitskiy, Ye.U. see Lyabin, A.A. 1-16525
- Korniukhin, G.A. see Artamonov, A.S. 1-23893
- Korrmann, H. see Schule, W. 1-52340
- Kornreich, P.G. see Moyer, A.L. 1-46584
- Kornstadt, U., Lasser, R., Lengeler, B. Isostructural γ - α phase transition in cerium investigated by Compton scattering 1-47234
- Kornyshov, A.A. Nonlocal screening of ions in a structured polar liquid—new aspects of solvent description in electrolyte theory 1-52883
- Korayshy, A.A., Vorotyntsev, M.A. Nonlocal electrostatic approach to the double layer and adsorption at the electrode-electrolyte interface 1-34769
- Korayshy, A.A., Vorotyntsev, M.A., Ulstrup, J. The effect of spatial dispersion of the dielectric permittivity on the capacitance of thin insulating films. Non-linear dependence of the inverse capacitance on film thickness 1-34974
- Kornyushin, G.A. see Artamonov, A.S. 1-23894
- Kornyushin, Yu.V. see Germal, V. 1-35208
- Kornyushkin, Yu.D. Backscattering of electrons by free films and semimetallic layers of solids 1-26325
- Kornyushkin, Yu.D., Muzil', N.A., Truneev, V.V. Back scattering of KeV-range electrons from a three-layer system 1-35135
- Korobeinikov, V.P., Kazak, L.A., Puzanov, A.A., Pyankov, B.N. Changes in the stability of a solid solution with regard to structural phase transformations under the influence of ion bombardment 1-12742
- Korobeinikov, V.P., Puzanov, A.A., Bagaev, V.N., Pyankov, B.N. Investigation of the martensitic transformation in cobalt with the aid of the shadow effect produced in back scattering of accelerated ions 1-3734
- Korobeinikov, V.P. see Potekhin, B.A. 1-3907
- Korobitsyn, G.P. see Davydov, Yu.M. 1-11431
- Korobkin, V.V. see Arsenin, V.Ya. 1-34047
- Korobko, E.V. see Shulman, Z.P. 1-38018
- Korobkov, Yu.S. see Bukin, G.V. 1-4706
- Korobochko, Yu.S. see Grachev, B.D. 1-31251
- Korobov, M.V. see Nikitin, M.I. 1-24240
- Korobov, V.K. see Taratzenkov, V.M. 1-24442
- Korobovich, A.P. see Borisenko, V.A. 1-39413
- Korobulin, Yu.G. see Belyaev, B.N. 1-18692
- Korol', A.A. Conditions of formation of silicon carbide in the surface layer of a glass-reinforced plastic subjected to unidirectional heating 1-39493
- Korol', A.N., Strikha, V.I., Sheka, D.I. Tunnel resonance current in metal-semiconductor contact 1-20871
- Korol', L.S. see Muller, V.M. 1-24868
- Korol', V.M., Zastavnyi, A.V. Temperature dependence of the Hall effect in silicon doped by implantation of potassium ions 1-30770
- Korolev, A.E. see Bayanov, V.I. 1-37441
- Korolev, A.E. see Dukhovnyi, A.M. 1-6592
- Korolev, A.N. Analysis of limiting possibilities of a posteriori improvement of photographic image quality 1-5425
- Korolev, D.I. see Arsenov, P.A. 1-26244
- Korolev, E.A. see Danilov, S.V. 1-1588
- Korolev, E.F. see Nikol'skii, A.P. 1-21804
- Korolev, G.A. see Burq, J.P. 1-23912
- Korolev, I.O. see Astavin, V.S. 1-19809
- Korolev, L.A. see Andrievskii, R.A. 1-31402
- Korolev, N.V. see Tyutikov, A.M. 1-43229, 1-53023
- Korolev, S.S., Kolesnik, A.G. Distribution of O and O₂ in the lower thermosphere as a function of the profile of the coefficient of turbulent mixing 1-22557
- Korolev, V.A. Prospects for laser application in medical endoscopy 1-8948
- Korolev, V.E. see Malyukov, B.A. 1-2841
- Korolev, V.V., Shuvalov, M.E. Arc plasmatron and its use in emission spectral analysis 1-29928
- Korolev, V.V. see Chentsov, S.F. 1-1156
- Korolev, V.V. see Gimanov, V.P. 1-1014
- Korolev, Yu.D., Kuz'min, V.A., Mesyats, G.A. Nanosecond gas discharge in an inhomogeneous field with explosive processes on the electrodes 1-42239
- Korolev, Yu.D., Mesyats, G.A., Ponomarev, V.B. Conditions for sputter emission in high-pressure spatial gaseous discharges 1-42234
- Korolev, Yu.M. Chemical kinetics equation for hydrogen reduction of WFs 1-4053
- Korolev, Yu.S. see Aronov, D.A. 1-20818
- Korolev, Yu.V. see Beketov, G.V. 1-23513
- Korolev, Yu.V. see Blinov, A.V. 1-23665
- Koroleva, L.L., Nagaev, E.L., Tsvetkova, N.A. Destruction of the spin glass state by indirect exchange via conductivity electrons in the $xCuCr_2S_4-(1-x)Ga_{2/3}Cr_2S_4$ system of solid solutions 1-3209
- Koroleva, L.P. see Mel'nichuk, I.V. 1-38434
- Koroleva, V.V. see Shpil'man, E.E. 1-42551, 1-52315
- Korol'kov, D.V., Maiorova, E.K., Stotskii, A.A. The secondary-irradiation diagram of the RATAN-600 telescope and antenna noise-temperature calculation 1-9366
- Korol'kov, D.V. see Berlin, A.B. 1-17898
- Korol'kov, V.I., Yuferev, V.S. Design of solar cells utilizing variable-gap AlGaAs heterostructures at high radiation intensities 1-21883
- Korol'kov, V.I. see Abramov, A.V. 1-35162
- Korol'kov, V.I. see Zhingarev, M.Z. 1-34783, 1-34787
- Koroneos, C. see Gryte, C.C. 1-46813
- Koronkevich, V.P. see Khanov, V.A. 1-14099
- Koropova, O.Yu. see Aivazov, M.I. 1-47841
- Koros, W.J. Model for sorption of mixed gases in glassy polymers 1-2812
- Koros, W.J., Paul, D.R. Sorption and transport of CO₂ above and below the glass transition of poly(ethylene terephthalate) 1-30562
- Koros, W.J. see Stannett, V. 1-52425
- Korostelev, Yu.S., Korostelev, N.A., Sverdlod, L.M. Force fields of the monohalogenated benzenes 1-19076
- Korostelev, N.A. see Korostelev, Yu.S. 1-19076
- Korostil', A.M. see Pan, V.M. 1-7578
- Korostylev, B.N. see Sorokina, R.A. 1-23352
- Korotayev, A.D., Chumlyakov, Yu.I., Bushnev, L.S., Veselov, Yu.G., Esipenko, V.F., Linitsev, V.N. Twinning in single crystals of hetero-phase Cu-Al-Cr alloys 1-2464
- Korotayev, A.D., Tyumentsev, A.N., Pinzhin, Yu.P., Kolobov, Yu.R., Glazunov, M.G., Markov, K.A., Minaev, N.G. Influence of the structural state on the laws of formation of a nonmetallic phase during diffusional saturation of niobium alloys with oxygen 1-11905
- Korotayev, A.D. see Chumlyakov, Yu.I. 1-3764, 1-53194
- Korotayev, A.D. see Pshenina, L.S. 1-43347
- Korotayev, G.K. see Nelepo, B.A. 1-54129
- Korotayev, V.V., Pankov, E.D. On the use of polarisation sensitive receivers in measurement devices 1-254
- Korotchenko, A.I., Samokhin, A.A. Response of radiation-induced evaporation to thermal and hydrodynamic perturbations 1-42523
- Korotchenko, V.A. see Bazylev, V.K. 1-23365
- Koroteev, M.P. see Aslanov, L.A. 1-29137
- Koroteev, N.I. see Baraka, B. 1-51496
- Koroteev, V.I. see Borzenko, V.P. 1-34127
- Korotich, I.K. see Malinov, L.S. 1-3978
- Korotikh, A.M., Nabutovskii, V.M. Thermal Green's functions of the fluctuation electromagnetic field of a cylinder and a cylindrical layer embedded in an infinite medium 1-15054
- Korotikh, A.M. see Nabutovskii, V.M. 1-8620, 1-15940
- Korotikh, V.L. see Balashov, V.V. 1-10370
- Korotkina, M.N. see Roman, O.V. 1-35266
- Korotkov, A.A. see Zinov'ev, A.N. 1-19869
- Korotkov, A.I. see Kazakov, S.M. 1-33563
- Korotkov, G.V. see Volobuev, I.V. 1-11600
- Korotkov, K.G. The possibility of revealing microstructure in objects by the photography of a screen in a gas discharge tube 1-23355
- Korotkov, N.A. see Krinich, G.S. 1-41231
- Korotkov, N.A. see Lazarev, E.M. 1-35259, 1-42645
- Korotkov, P.A. see Kondilenko, I.I. 1-21175, 1-33471, 1-43129

- Korotkov, V.I. see Rysakov, V.M. 1-53021
 Korotkov, V.P. see Drokina, A.M. 1-23866
 Korotun, A.V. Possible effects of high-energy microparticles on the primordial gravitational-wave spectrum 1-44429
 Korovchenko, V.N. see Ivanov, A.I. 1-32518
 Korovin, V.Y. see Ivanov, E.V. 1-44297
 Korovina, V.M., Gurenko, V.A., Bashnin, Yu.A., Gordeeva, L.I., Mernik, E.B., Varakin, P.I. Calculating the temperature field in a load of large cylindrical pieces during cooling 1-3798
 Korovina, Z.V. see Vigdorovich, V.N. 1-21656
 Korovin, A.M. see Karapetyan, V.E. 1-48155
 Korp, J.D. see Mullica, D.F. 1-15853
 Korpel, A. Acousto-optics—a review of fundamentals 1-39063
 Korpel, A. New ideas in acousto-optical signal processing using cavity resonances and Bragg imaging 1-51403
 Korpel, A., Banerjee, P.P. Exact decomposition of cnoidal waves into associated solitons 1-49949
 Korkiewicz, H. New Polish meteoritic crater "Frombork" 1-9155
 Korkiewicz, H. The evolution of small bodies in solar system 1-32635
 Korpiun, P., Tilgner, R. The photoacoustic effect at first-order phase transition 1-42122
 Korpust, J. see Boivin, P. 1-32558
 Korpustov, V.P. see Kovalevskii, E.I. 1-22142
 Korroff, V., Trummal, M. Adiabatic electrocaloric effect in certain paraelectric systems 1-26135
 Korsak, J.J., Miller, W.H. Improved instrumentation for stack gas monitoring 1-940
 Korsakov, V.V., Semenov, N.M., Skokorudnikov, S.A., Spiridonov, V.N., Fedorov, A.I. The G77 milliteslameter 1-18258
 Korsch, D. Design and optimization technique for three-mirror telescopes 1-11058
 Korsch, D., Hutson Hay, S. A new indirect ophthalmoscope 1-35860
 Korsch, D., Warner, J.W. Super-size space telescope 1-49515
 Korsch, H.J. see Schinke, R. 1-1307
 Korschineck, G. see Nolte, E. 1-23566
 Korso, A.L. see Minkovich, E.N. 1-17047
 Korsenskiy, V.A. see Dominin, S.L. 1-17809
 Korshuev, V.N. see Prodan, E.A. 1-39600
 Korshunov, A.N. see Fedorov, V.M., Sharshakov, I.M., Grokhov, V.T. The effect of rare-earth impurities on the electronic transition in Ce 1-42535
 Korshunov, I.A. see Chernorukov, N.G. 1-38341
 Korshunov, I.P. see Esin, V.O. 1-25599
 Korshunov, M.A. Some features of low-frequency Raman scattering of disordered molecular crystals 1-8066
 Korse, J., Louwrier, P.W.F. Short lived transient in $KAl(SO_4)_2 \cdot 12H_2O$ 1-52977
 Korsukov, V.E. see Borodin, V.S. 1-31944
 Korsukova, M.M. see Gurin, V.N. 1-3358
 Korsun, A.A. see Yatskiy, Ya.S. 1-44072
 Korsunov, N.I., Vassilyev, V.G., Loboda, Ye.A. Methods of determining dynamic errors in non-linear measuring transducers 1-23209
 Korsunskaya, N.E., Markovich, I.V., Torchinskaya, T.V., Sheinkman, M.K. Role of shallow donors in photoconductivity degradation in $CdS:Cu$ crystals 1-34748
 Korsunskaya, N.E. see Babentsov, V.N. 1-21274
 Korsunskii, I.L. see Voitovetskiy, V.K. 1-51023
 Korsunskii, M.M. Component for measuring electric conductivity of liquids and gases at high pressures and temperatures 1-50163
 Korsunskii, V. see Veksler, N. 1-29445, 1-51649, 1-51650
 Korsunsky, A.M., Repalov, N.S., Tur, Y.D. Control of the parameters of the electromagnetic field of linear ion accelerators 1-10554
 Korte, R.A. De De Korte, R.A.
 Kortela, U. Functions and test results of microprocessor based flow controller 1-27956
 Korteling, R.G. see Green, R.E.L. 1-5760
 Korteling, R.G. see Lobb, D.E. 1-37022
 Kortin, C. see Jorgens, H. 1-8520
 Kortev, N.V. see Mitrofanov, V.V. 1-11070
 Korteveg, G.A. see Fiorani, D. 1-7942
 Korth, A. see Shepherd, G.G. 1-9313
 Korth, H. High-speed image recording system 1-5417
 Korth, H. see Drollinger, B. 1-18283
 Kortikov, N.N., Novikova, I.B. Higher approximations in the problem of axisymmetric jet flow on a circular cylinder 1-19768
 Kortov, V.S., Ushkova, V.I., Zatspeina, A.F., Zhukovskii, M.V. Electron processes in surface layers of berillium orthosilicate crystals 1-21283
 Kortvelyessy, L. Abnormal and normal aging of thermocouples 1-23236
 Korunyan, J.V. see Alanakyan, K.V. 1-41100
 Korunova, A.F. see Lutskii, A.E. 1-37118
 Korvatovskii, B.N., Tusov, V.B., Paschenko, V.S., Rubin, L.B., Rubin, A.B., Gulyaev, B.A. Role of concentration quenching in energy-transfer processes in photosynthesis 1-17358
 Korventausita, I. see Jaakkola, S. 1-16068
 Korwar, V.N., Pierce, J.R. Detection of gratings and small features in speckle imagery 1-41588
 Korwar, V.N., Pierce, J.R. Discrimination of form in images corrupted by speckle 1-41589
 Koryakin, Yu.I. see Chernavskii, S.Ya. 1-23870
 Koryakina, L.F. see Anan'eva, G.V. 1-39232
 Koryakovskii, A.S., Marchenko, V.M. Interferometry of optical inhomogeneities of laser active media utilizing the Talbot effect 1-6561
 Korybut-Daszkievich, B., Zagrodzinski, J. Calculations of complex dielectric permittivity of two-phase composite medium 1-19250
 Koryshev, S.V., Parshin, A.Ya., Grechushnikov, B.N., Kalinkina, I.N. Resolution function and optimal parameters for a polarized Fourier spectrometer of finite aperture 1-5408
 Korzec, D. see Krawczyk, S. 1-39771
 Korzekwa, D.A., Lawson, R.D., Matlock, D.K., Krauss, G. A consideration of models describing the strength and ductility of dual-phase steels 1-12818
 Korzhavin, V.M. Some optical diagnostics for the plasma focus 1-19975
 Korzhavina, I.A. see Batyunya, B.V. 1-600
 Korzhavina, I.A. see Boos, E.G. 1-5661
 Korzhov, V.P. see Dukhovni, I.S. 1-3125, 1-25847
 Korzinkin, M.M. see Vedenov, A.A. 1-33654
 Korzunin, G.S. see Dragoshanskii, Yu.N. 1-7873
 Kos, B. see Kosinski, R.A. 1-38961
 Kos, H.J., Nink, R., Takeuchi, N. Growth of Z centres in X-irradiated $LiF:Mg$ 1-25322
 Kos, H.-J., Nink, R. Lithium fluoride dosimetry. II. The Z center model—origin and relevance to some dosimetry phenomena 1-3511
 Kos, H.-J. see Nink, R. 1-3508
 Kosa, F. see Wein, L. 1-13322
 Kosa, L. see Adamovicova, K. 1-30365
 Kosa, L. see Proks, I. 1-30404
 Kosa Somogyi, I., Kosos, M., Vassilyev, V.A. Photoluminescence in amorphous semiconductors 1-31202
 Kosachev, L.S., Kornilov, I.I., Mil'man, Yu.V., Pushkin, V.F., Khomenko, G.E. Effect of structural factors on mechanical properties of tungsten 1-39378
 Kosachevskii, L.Ya., Kristya, V.I. Hydrodynamic method for calculation of electron beam structure with regard for electron thermal velocities 1-15063
 Kosachevskii, L.Ya. see Gorobets, Yu.I. 1-3229
 Kosacki, L., Dynowska, E. Preparation and structure of mixed Cd, PbF_2 crystals 1-3616
 Kosai, H. Probable nova in Sagittarius 1-9536
 Kosai, H. Probable nova in Cygnus 1-17856
 Kosai, H., Collins, P.L. Probable nova in Sagittarius 1-13875
 Kosai, H. see Grasdalen, G.L. 1-27524
 Kosai, H. see Kozai, Y. 1-54513
 Kosai, H. see Porter, A.C. 1-27521
 Kosaka, M., Asahina, T., Taoda, H. Technical Data. Phase change materials for the thermal energy storage in heating, cooling, and hot water supply system. (Heat storage VII) 1-8761
 Kosaka, M. see Asahina, T. 1-8758, 1-8760
 Kosaka, M. see Taoda, H. 1-8759
 Kosako, T. see Nakamura, T. 1-45566, 1-45567
 Kosakov, I.K. see Avakyan, R.O. 1-45494
 Kosaly, C. see Behringer, K. 1-23713
 Kosarev, A.A. see Cherpakov, P.V. 1-46655
 Kosarev, A.L., Kosarev, E.A., Neiman, S.M. Devices for heat-resistance tests of thin fibers and wires 1-21671
 Kosarev, E.A. see Kosarev, A.I. 1-21671
 Kosarev, E.L. Applications of integral equations of the first kind in experimental physics 1-15642
 Kosarev, G.E. see Komarov, V.I. 1-36939
 Kosarev, L.I., Zaimov, V.P., Kolyubin, V.A., Kotikov, N.A., Pominov, A.A. An automated multi-channel γ -ray inspection unit for radiometric inspection of complex profile parts 1-31812
 Koschmieder, E.L. Transition from laminar to turbulent Taylor vortex flow 1-42027
 Kose, S. see Okuo, T. 1-17224
 Koseck, K. see Gerhardt, B. 1-28328
 Kosek, F. see Schauer, F. 1-20861
 Kosel, T.H. see Fiore, N.F. 1-21599
 Kosenko, A.A. see Paschenko, V.P. 1-53401
 Kosenko, E. see Balkevich, P. 1-37533
 Kosenyuk, V.K. see Aleksandrov, A.Y. 1-19560
 Kosovich, A.M. see Kovalyov, A.S. 1-10880
 Koshechev, V.N., Sinitsa, V.V. Method of calculating the functionals of cross sections in the region of forbidden resonances 1-5826
 Koschenko, V.I., Demidenko, A.F., Sabanova, L.D., Yachmenev, V.F., Gran, Yu.M., Radchenko, A.E. Temperature dependence of the thermodynamic properties of gallium nitride at 5-300K 1-11882
 Koshelev, V.P. see Gershenson, M.E. 1-25823
 Koshelev, V.A. see Mazurik, B.I. 1-5311
 Koshelev, V.B., Rodionov, I.M., Meshcheryakova, O.D., Staskevskaya, O.N. Mathematical model for the effectiveness of sympathetic influences in vessels of rat skeletal muscles 1-22042
 Koshelev, V.I. see Bugaev, S.P. 1-1000
 Koshelevskiy, N.B. see Dominin, Y.S. 1-36632
 Kosbi, Y. see Hatayama, A. 1-42173
 Koshiba, M. see Bartel, W. 1-18500, 1-45253, 1-45254
 Koshiba, M. see O'Neill, L.H., Jr. 1-50443
 Koshida, K. see Orito, T. 1-32251, 1-40009, 1-53911
 Koshikawa, K. see Arie, M. 1-37888
 Koshikawa, T. see Fujii, Y. 1-7434
 Koshimura, M. see Takahashi, M. 1-47005
 Koshino, S., Ohata, T., Hayashi, T. Thallous dimer centers in RbI 1-12568
 Koshiro, A. see Yamaguchi, H. 1-46005
 Koshizuka, N., Ushioda, S. Inelastic-light-scattering study of magnon softening in $ErFeO_3$ 1-26208
 Koshkarov, L.L. see Barabanov, I.R. 1-23981
 Koshkin, V.M. see Mil'ner, A.P. 1-34327
 Koshman, V.P. see Guz', A.N. 1-24675
 Koshparenok, V.N. Electrodynamic Helmholtz resonator with optimized characteristics 1-41545
 Koshparenok, V.N., Melezhiik, P.N., Poedinchuk, A.E., Shestopalov, V.P. A rigorous method of investigation of the electromagnetic interaction of a system of several resonant scatterers 1-29194
 Koshparenok, V.N., Melezhiik, P.N., Shestopalov, V.P. Helmholtz resonators in electrodynamic systems 1-19247
 Koshova, S., Pyka, J.L. Mesospheric clouds observed in Poland during 1978 1-9195
 Kosichkin, Yu.V. see Alimpey, S.S. 1-46310
 Kosichkin, Yu.V. see Glushkov, M.V. 1-1239
 Kosik, J.C.I. see Izhevskaya, N.I. 1-44391
 Kosik, A.T. Method for the determination of internal friction in vibrating structures 1-29635
 Kosilov, A.T., Olemskoi, A.I., Perevoznicov, A.M. Influence of alloying elements on the martensitic transformation in the copper-aluminum system 1-26455
 Kosilov, A.T. see Belikov, A.M. 1-12736
 Kosin, G.S., Sadzhakova, S., Fomin, V.A. An estimation of proper motions of stars of the compiled catalogue of latitude stars and AGK3 1-13761
 Kosinar, I. see Redko, T.P. 1-29819
 Kosinski, V.D. see Generalov, N.A. 1-25083
 Kosinski, P. Is there any inconsistency between the Planck spectrum and the Boltzmann distribution? 1-19042
 Kosinski, R.A., Kos, B., Zebrowski, J.J., Sukienicki, A.O. On the theory of domain wall dynamics for wall oscillations in bubble garnet films 1-38961
 Kosiorowska, J., Krasnitski, S., Bajorek, A. Neutron investigations of double-phase samples of $Mn_{1-x}Cr_xSb$ type crystals 1-20401
 Koskelo, A. see Wirth, M.J. 1-41448
 Koskelo, M.J., Routti, J.T. Activation detectors and their gamma spectrum analysis 1-18991
 Koskelo, M.J., Routti, J.T., Takala, H. Multicomponent resonance and threshold detectors for reactor neutron spectroscopy and damage studies 1-50984
 Koski, A.T. see Burbridge, E.M. 1-49846
 Koski, W.S. see Watkins, H.P. 1-43691
 Koskinen, H. see Kiuru, A. 1-49118
 Kosloff, D., Scott, R.F., Scranton, J. Finite element simulation of Wilmington oil field subsidence. II. Nonlinear modelling 1-35962
 Kosloff, D.D., Hsi-Ping Liu Reformulation and discussion of mechanical behavior of the velocity-dependent friction law proposed by Dieterich 1-35976
 Kosloff, R., Rice, S.A. The influence of quantization on the onset of chaos in Hamiltonian systems: the Kolmogorov entropy interpretation 1-44775
 Kosloff, R., Rice, S.A. Dynamical correlations and chaos in classical Hamiltonian systems 1-44865
 Koslow, J.W. see Achrijew, A.S. 1-8528
 Kosmal, B.A. see Keltz, C.A. 1-39267
 Kosmann-Schwarzbach, V. Generalized symmetries of partial differential equations 1-5082
 Kosmodamianskii, O.S., Obodovskii, L.B., Storozhev, V.I. Elastic wave diffraction by anisotropic cylindrical inclusions in multiply-connected solids 1-37827
 Kosobokov, V.G. see Gvishiani, A.D. 1-13402
 Kosobudskii, I.D. see Piskorskiy, V.P. 1-21014
 Kosobukhin, V.A. Scattering of photons and electrons from surface oscillations in a cylinder 1-12054
 Kosobutskaya, E.A. see Ezhovskii, A. 1-30427
 Kosobutskaya, E.A. see Tolchek, A.M. 1-30419
 Kosobutskii, V.A. see Abramenko, P.I. 1-1057
 Kosogor, O.V. see Gutkin, A.A. 1-20866
 Kosolapova, T.Ya. Modern materials based on refractory compounds 1-3686
 Kosolapova, T.Ya. see Yakovleva, D.S. 1-8258
 Kosonocky, W. see Taylor, R. 1-5386
 Kosonovskii, E.A. see Azimov, S.A. 1-36888, 1-36954
 Kosoruchkina, A.D., Trekhov, E.S. Criterion of the applicability of an optical method for determining the vibrational temperature of the ground state of the nitrogen molecule 1-41367

- Kosov, A.V., Rebrov, A.K., Sharafutdinov, R.G. Ejecting action of a high-pressure low-density free jet 1-40805
- Kosov, B.D. see Skripnik, Yu.D. 1-3932
- Kosov, L.I. see Dubov, B.S. 1-14110
- Kosovskii, D.I. Conductivity simulators for VE-20N and VE-21N eddy-current testers 1-35489
- Kosovskii, D.I. Certification of standard samples of electrical conductivity 1-44873
- Kosovskii, D.I., Shkarlet, Yu.M. Ways of making standard-conductivity specimens for eddy-current instruments 1-28018
- Koss, D.A. see Elliott, R.O. 1-15807
- Kossakowski, A. see Dembinski, S.T. 1-15169, 1-41651
- Kossakowski, R. see Abramowicz, H. 1-45378
- Kossakowski, R. see Jastrzebski, J. 1-23540
- Kossiakoff, A.A. see Spencer, S.A. 1-32318
- Kossobutskii, P.S. see Goer, D.B. 1-48112
- Kossoff, G. New clinical applications [of US] 1-4345
- Kossoff, G. see Carpenter, D.A. 1-8938
- Kossut, J. see Wittlin, A. 1-47948
- Kossyi, I.A. see Batanov, G.M. 1-25099
- Kost, M.E. see Kashaev, R.S. 1-32888
- Kostandyan, K.A. see Azoyan, S.E. 1-31332
- Kostareva, O.G. see Plotnikov, S.V. 1-42441
- Kostecky, G. see Jacco, J.C. 1-53072
- Kostenetskaya, L.I. see Teodorovich, O.K. 1-39315
- Kostenko, M.I., Stroganov, V.I., Kondratyev, A.I. Thermally enhanced response of metal-oxide-metal diodes 1-40852
- Kostenko, V.I. see Baath, L.B. 1-54655
- Kostenko, V.I. see Matveenko, L.I. 1-17893
- Koster, A.S., Wolff, L.R., Visser, G.J. Structure of copper-indium Cu-In₃ 1-30136
- Koster, D.F. see Zitter, R.N. 1-38040
- Koster, J.N., Muller, U. Free convection in vertical slots 1-1980
- Koster, J.P. see Aarons, J. 1-27338
- Koster, U., Herold, U. Diffusion in some iron-nickel-boron glasses 1-25491
- Koster, U., Herold, U., Walter, J.L. Comments on 'Chemical ordering in some amorphous alloys' [and reply] 1-20069
- Koster, W., Godecke, T. Physical measurements on iron-aluminum-alloys between 10 and 50 at.% Al. I. Confirmation of and additional contribution to the iron-aluminum phase diagram 1-31427
- Kosterev, V.K. see Fomin, G.A. 1-31334
- Kosterin, V.A. see Dudkin, V.T. 1-29700
- Kosterin, V.A. see Morokin, V.I. 1-15527
- Kosterova, N.V., Ordan'yan, S.S., Neshpor, V.S., Ostrovskii, E.K. Thermionic emission properties of cermets of eutectic compositions in Me(IV)-(C, B)-(Mo, Re, W) systems 1-35140
- Kostetskiy, A.M. see Romanyuk, N.A. 1-52914
- Kostic, L. Application of correlation methods to the local steam transit time determination in a BWR power plant 1-45721
- Kostik, B.F. see Freik, D.M. 1-38782, 1-42689
- Kostikov, V.I. see Nikol'skaya, I.F. 1-15903
- Kostikov, Y.P. see Leonov, A.I. 1-8606
- Kostikov, Yu.P. see Kvantov, M.A. 1-43654
- Kostikov, Yu.P. see Leonov, A.I. 1-30448, 1-34478
- Kostikov, Yu.P. see Sergeeva, L.A. 1-38684
- Kostin, L.I. see Dvinskikh, Yu.V. 1-31401
- Kostin, M.N., Tarasenko, V.F., Fedorov, A.I. Excitation system for electric discharge excimer lasers 1-51499
- Kostin, V.K. see Moorlat, N.V. 1-32178
- Kostina, M.I., Vitenberg, A.G., Ioffe, B.V. The preparation of standard solution containing trace amount of volatile components 1-43697
- Kostlin, H. see Frank, G. 1-52322
- Kostochkin, O.I. see Alkhazov, I.D. 1-28507
- Kostogonov, G.P. see Kiseleva, S.A. 1-12995
- Kostometov, V.G. see Alekseev, V.N. 1-51489
- Kostopoulos, D., Reddy, K.V., Beniere, F. Arrhenius law for self-diffusion and ionic conductivity in NaI 1-2679
- Kostornov, A.G. see Fedorchenko, I.M. 1-31384
- Kostorz, G. see Haasen, P. (editor) 1-5030
- Kostousov, V.D. see Andreev, S.I. 1-46940
- Kostov, I.K. see Kazakov, V.A. 1-23413
- Kostov, K. see Gydikov, A. 1-21999
- Kostova, M. see Yordanova, I. 1-16799
- Kostromin, A.G. see Kalyashin, V.I. 1-15483
- Kostromin, A.G. see Lititskii, V.A. 1-23803
- Kostromin, L.G. see Shcherbak, V.I. 1-28601
- Kostroum, V.O., Jansen, S.W., Hammer, D.A. A low energy neutral beam-first wall interaction experiment 1-909
- Kostror, V.I., Rybin, A.A., Starostin, Yu.P. Spring device for impact tests of plastics 1-21672
- Kostrzewa, S., Klein, H., Muhlocker, H., Wegmann, H.-D. Technologies for the regenerative utilisation of energy 1-48790
- Kostrzewa, S. see Berke, C. 1-26822
- Kostrzewski, M., Krollicki, L., Niewiadomski, W., Skolaskinska, K. Application of the ¹³³Xe bolus technique for measuring the cerebral blood flow in young and adult rats 1-53934
- Kostrzhitskij, A.I., Kabanchenko, M.P. Obtaining multicomponent vacuum coatings in periodic action apparatus 1-16693
- Kostsov, E.G. see Baginskiy, I.L. 1-52573
- Kostsov, E.G. see Zhdanov, V.G. 1-26127
- Kostuk, R.K. Calculator-assisted evaluation of reflectance characteristics of fluorescent films 1-48187
- Kostylev, A.A., Londer, Ya.I., Terent'ev, A.P., Uflyanov, K.N., Fedorov, V.A. Instability of non-self-sustaining glow discharge following removal of ionizing beam 1-15665
- Kostylev, K.A. see Barnik, M.I. 1-37602
- Kostylev, K.A. see Kuznetsov, V.A. 1-51473
- Kostyrko, K. see Szumowski, J. 1-23154
- Kostyrko, O.S., Oryshch, I.V., Matyushenko, N.I. Influence of thermal treatment on the parameters of heat and corrosion resistances of Ni alloys 1-16963
- Kostyshin, M.T., Ushenin, Yu.V. The semiconductor-metal boundary motion under radiation of As₂S₃-Ag system 1-30825
- Kostyshin, M.T. see Mikhailovskaya, E.V. 1-8119
- Kostyuchenko, V.G. see Borisova, A.L. 1-12774
- Kostyuchenko, V.I., Reznik, B.I., Shchitov, A.P. Calculation of radiation burden from secondary neutrons during proton irradiation of tumors 1-9041
- Kostyuk, P.G., Kryshchal', O.A., Pidoplichko, V.I., Shakhovvalov, Yu.A. Gating mechanisms of calcium channels: steady-state characteristics and kinetics 1-17372
- Kostyuk, P.G. see Veselovskii, N.B. 1-17371
- Kostyuk, V.P. see Al-Abdella, R.S. 1-43201
- Kosuge, K. see Ohtani, T. 1-30966
- Kosugi, K. see Kai, K. 1-13696
- Kosugi, N., Kuroda, H. Efficient methods for solving the open-shell SCF problem and for obtaining an initial guess. The 'one-Hamiltonian' and the 'partial SCF' methods 1-6133
- Kosugi, O. see Ohtsuka, A. 1-16544
- Kosugi, T. Time-variations of 17 GHz radio bursts with multi-source structures 1-4872
- Kosugi, T. see Hirabayashi, H. 1-13695
- Kosugi, T. see Kai, K. 1-54373
- Kos'yan, R.D., Pkyhov, N.V., Filippov, A.P. Vertical distribution of the concentration and composition of suspended material in the breaker zone 1-4525
- Kosza, G., Kormany, T., Nagy, L. Epitaxial growth of silicon single crystal layers 1-8233
- Koszewski, J., Waczynski, A. A photometric chromatographic detector—problem of improving metrologic properties 1-23309
- Koszorus, L. see Benko, L. 1-6094
- Koszyrkowski, M.L. see Coltrin, M.E. 1-14989
- Kota, J. How does the global structure of the interplanetary magnetic field affect cosmic ray modulation? 1-22648
- Kota, V.K.B., Pandya, S.P., Potbhare, V. A comparative study of effective interactions via correlations with quadrupole and pairing operators 1-23568
- Kota, V.K.B., Potbhare, V. Low energy level spacing distribution in the atomic table ensemble 1-18999
- Kotajima, H. A new graphical construction of rays in a Luneburg lens 1-46533
- Kotak, M.D. see Patel, A.R. 1-20216
- Kotaka, T., Miki, T., Arai, K. Morphology-mechanical property relationship of a polystyrene-polybutadiene-polystyrene block copolymer and its blends with homopolymers 1-35273
- Kotake, H., Hirahara, K., Watanabe, M. Quantitative photoelastic measurement of residual stress in LEC grown GaP crystals 1-2371
- Kotake, H., Oana, Y., Watanabe, I. The diffusion barrier effect of a vanadium layer in the formation of nickel silicides 1-34520
- Kotake, S. Parameters of binary-mixture film condensation 1-19700
- Kotani, A., Takahashi, S., Tachiki, M., Koyama, T., Matsumoto, H., Umezawa, H. Spin wave spectrum in the spin-spiral state of ferromagnetic superconductors 1-34872
- Kotani, A. see Kurita, H. 1-26189
- Kotani, A. see Sakai, O. 1-26190
- Kotani, A. see Tachiki, M. 1-42896
- Kotani, H. see Yamada, M. 1-52563
- Kotani, K. see Ikeda, T. 1-28550
- Kotani, K. see Makishima, A. 1-31699
- Kotani, K. see Nakao, T. 1-10484
- Kotani, M. see Nakagawa, K. 1-25756
- Kotani, M. see Uchikawa, Y. 1-4305
- Kotani, T., Komiya, S., Nakai, S., Yamaoka, Y. Etching characteristics of defects in the InGaAsP-InP LPE layers 1-20213
- Kotani, T. see Itoh, M. 1-6303
- Kotarov, M.D. see Mladenov, I.M. 1-1053
- Kotchik, K.P., Chatillon-Colinet, C., Mathieu, J.C. Calorimetric determination of the partial heat at infinite dilution of selenium in lead 1-48716
- Kotchick, D.M., Tressler, R.E. Deformation behavior of sapphire via the prismatic slip system 1-3833
- Kotchick, D.M. see Schwab, D.E. 1-39363
- Kotecha, H. see DiMaria, D.J. 1-25808
- Koteles, G.J. On the radio-ecology of the Danube River 1-4367
- Kotel'nikov, D.I., Gvozdetkii, V.S. The determination of parameters of the column of glow discharge in welding 1-51998
- Kotel'nikov, G.A. Group properties of the wave equation with noninvariant velocity of light 1-27791
- Kotel'nikov, V.A. see Lidorenko, N.S. 1-20887
- Kotel'nikov, V.L. Effect of tempering on the cold resistance of steels 15GFD and 12KhGFD 1-3909
- Kotel'nikova, G.V. see Lovchikova, G.N. 1-41116
- Kotel'yanskiy, I.M. see Andreev, A.S. 1-45048
- Kotel'yanskiy, I.M. see Gulyaev, Yu.V. 1-29501
- Kotenko, L.P. see Blazhenkov, V.V. 1-42141
- Koterazawa, R. Fractography and fracture mechanics. Fracture mechanics and fractography of fracture at elevated temperature 1-26611
- Koterazawa, R., Mori, T. Applicability of fracture mechanics parameters to creep crack propagation in 2^{1/2}Cr-1 Mo steel 1-43483
- Koterazawa, R., Shimo, D. Corrosion fatigue crack propagation of 304 stainless steel in boiling MgCl₂ solution 1-26670
- Kotorov, V.N. see Aleksandrov, V.V. 1-33700
- Kotorov, V.N. see Averin, A.P. 1-34178
- Kothari, B.K. see LaGuttata, K.J. 1-32087
- Kothari, L.S. see Bansal, R.M. 1-748
- Kothari, L.S. see Malik, U. 1-52238
- Kothari, L.S. see Mohan, R. 1-41158
- Kothe, G., Berthold, T., Ohmes, E. Orientational order of triaxial spin probes in nematic liquid crystals—an electron resonance investigation of angular-dependent lineshapes 1-2314
- Kothekar, V., Dutta, S. Role of Ca²⁺ ion in the abortifacient action of prostaglandins. II. Molecular orbital an conformation energy calculations of PGA₁ 1-14805
- Kotik, A.F. see Guminetskiy, S.G. 1-1658
- Kotik, V.T. see Shukmaister, V.L. 1-42218
- Kotikov, N.A. see Kosarev, L.I. 1-31812
- Kotikov, V.N., Oshemkov, S.V., Petrov, A.A., Skvortsova, G.V., Cheremukhin, A.S. Use of lasers for spectral-isotopic determination of nitrogen in the surface layer of steel 1-17126
- Kotilainen, H., Torronen, K., Nenonen, P. Microstructural effects on the temperature dependence of the yield strength in a Cr-Mo-V steel 1-35337
- Kotilainen, H. see Torronen, K. 1-35269
- Kotin, V.V. Beam loss in a proton synchrotron caused by fluctuations in the amplitude of the RF voltage 1-33356
- Kotkata, M.F., Mahmoud, E.A., El-Mously, M.K. Kinetics of crystal growth in amorphous solid and supercooled liquid TeSe₂ using DTA and DC conductivity measurements 1-2331
- Kotkin, G.L., Kurayev, E.A., Serbo, V.G. Radiative corrections in elastic electron-proton scattering in the momentum transfer range $m_e^2 \ll -t \ll m_p^2$ 1-13396
- Kotliar, G.B. see Amit, D.J. 1-5480
- Kotlikov, E.N., Kondratyeva, V.A. Effect of a strong electromagnetic field on the shape of the crossing signals in zero magnetic field 1-33433
- Kotlikov, E.N. see Brukhovetskiy, A.P. 1-29129
- Kotlyarenko, L.A. see Tkachenko, Yu.G. 1-8483
- Kotlyarevskii, M.B. see Georgobiani, A.N. 1-12548, 1-47105, 1-47106
- Kotlyarskii, M.M. see Belyaeva, A.I. 1-3434
- Koto, K., Schulz, H., Huggins, R.A. Anion disorder and ionic motion in lead fluoride (β -PbF₂) 1-34332
- Kotomin, E.A., Chernov, S.A. Temperature dependence of the efficiency of accumulation of F centers in alkali halide crystals 1-20198
- Kotosonov, A.S. see Brandt, N.B. 1-7508
- Kotosonov, A.S. see Zorin, F.I. 1-34724
- Kotov, A.A., Neubert, W., Andronenko, L.N., Gorshkov, B.L., Kovshevny, G.G., Vaishnena, L.A., Yazikov, M.I. Application of parallel plate avalanche counters for proton induced fission studies 1-23959
- Kotov, A.M. Reproduction of the appearance of an original in a copy by means of tone contrast 1-36757
- Kotov, G.A. see Veiko, V.P. 1-16808
- Kotin, I.I., Gusenkov, A.P., Vashurin, A.J., Genkin, G.I., Khoroshilov, V.N., Fedorova, E.T. A strain-kinetic criterion for thermal fatigue strength 1-31624
- Kotov, I.V. see Antipov, Yu.M. 1-45376
- Kotov, M.N. see Knishevskaya, L.V. 1-20792
- Kotov, V.A., Shchekanenkov, R.A. Device for fatigue testing porous materials 1-26687
- Kotov, V.A. see Bratkovskii, V.M. 1-8046
- Kotov, V.A. see Burkov, V.I. 1-43099
- Kotov, V.A. see Koutchmy, S. 1-17802
- Kotov, V.I. see Garkusha, V.I. 1-24339
- Kotov, V.M. see Gogorenko, V.N. 1-10613
- Kotov, V.V. see Pogorelyy, A.N. 1-12428
- Kotov, Yu.D. see Agaronyan, F.A. 1-36117
- Kotova, E.A. see Godik, V.I. 1-17364
- Kotova, K.V., Poddymov, V.P., Shakhnazarova, A.S. Investigation of the electrochemical recovery of silver from fixing solutions 1-28098

- Kotovich, V.V., Putilov, V.A., Risover, L.M., Treskov, T.A. Fluctuation sensitivity of a correlation-type radio interferometer 1-9368
- Kotovsky, L.D. *see* Chaban, N.F. 1-15835
- Kotovich, G., Aarts, G.H.M. A nuclear Overhauser effect difference study of the solution conformation of (6R)-prostaglandin I₁ 1-51232
- Kotovich, G., Aarts, G.H.M., Bigam, G. A high-field proton magnetic resonance and nuclear Overhauser effect study of prostaglandin E₂ 1-21978
- Kotrappa, P., Gupta, P.C., Dua, S.K. Design and performance of a Teflon electret dosimeter charger 1-6039
- Kotrappa, P. *see* Dua, S.K. 1-21792
- Kotras, P. *see* Neubauer, A. 1-35498
- Kotru, P.N. *see* Gupta, N.K. 1-47086
- Kotru, P.N. *see* Joshi, M.S. 1-42385
- Kotsanidis, P.A. *see* Yakinthos, J.K. 1-30922
- Kotsarenko, E.Ya. *see* Burlak, G.N. 1-41907
- Kotsarenko, N.Ya., Kulish, V.V. Possible superheterodyne amplification of electromagnetic waves in electron beams 1-24349
- Kotsarenko, N.Ya. *see* Burlak, G.N. 1-25767
- Kotsarenko, N.Ya. *see* Draganov, A.B. 1-51958
- Kotsubanov, V.D. *see* Kornienko, V.P. 1-29851
- Kotsubo, S. *see* Uno, K. 1-49231
- Kotsyubinskiy, O.Yu. Determining the possibility of hardening with use of a continuous-acting gas laser 1-43606
- Kottas, B.L. *see* Lappin, J.S. 1-26906
- Kotthaus, J.P. Spectroscopy of quasi-two-dimensional space charge layers 1-48065
- Kotthaus, J.P. *see* Abstreiter, G. 1-12203
- Kotthaus, J.P. *see* Komiyama, S. 1-47750
- Kotthaus, R. *see* de Boer, W. 1-14744
- Kottis, P. *see* Rulliere, C. 1-10795
- Kottis, Ph. *see* Nouchi, G. 1-21154
- Kottler, W., Lerch, D., Krieseis, W., Scharmann, A., Worner, B. Evaporated beryllium oxide films for TSEE dosimetry 1-968
- Kotmann, F. *see* Bocklin, J. 1-14734
- Kotula, F. *see* Amplatz, K. 1-26999
- Kotulski, Z., Sobczyk, K. Linear systems and normality 1-40715
- Kotur, B.Ya., Bodak, O.I. Crystal chemistry of ternary solidides of scandium and transition metals of period IV 1-52105
- Kotur, B.Ya., Bodak, O.I., Kotov, O.Ya. Scandium-manganese-silicon system 1-20118
- Kotur, O.Ya. *see* Kotov, B.Ya. 1-20118
- Koturovic, A.M., Vukanovic, R.B. Design and synthesis of environmental monitoring networks 1-32079
- Kotys, A.G. *see* Podpalyi, E.A. 1-41645
- Kotlyuk, A.F., Shkol'skaya-Kordi, V.V., Yakovlev, V.A. Laserometry as a domain of measurements 1-6566
- Kotlyuk, A.F. *see* Il'in, A.S. 1-5296
- Kotlyuk, A.F. *see* Kaufman, S.A. 1-5270
- Kotlyuk, A.F. *see* Zasor'skiy, Yu.S. 1-5272
- Kotlyuk, A.F. *see* Vagovskiy, Ya.T. 1-5271
- Kotz, R., Kolb, D.M. The appearance of the bulk plasmon in thin silver overlayers monitored by electrochemical modulation spectroscopy 1-3520
- Kotz, R., Lewerenz, H.J. Polarization and crystal structure effects in metallic electroreflectance from copper single crystal faces 1-3370
- Kotz, R. *see* Kolb, D.M. 1-34579
- Kotz, R. *see* Tadjeddine, A. 1-34642
- Kotz, U. *see* Boerner, H. 1-14741
- Kotz, U. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Kotze, T.J. Van Wyk *see* Van Wyk Kotze, T.J.
- Kotzier, J., Raffius, G. Terbium³⁺ coupling parameters and the phase diagram of the singlet ground state terbium-monopnictides 1-20984
- Kotzier, J., Reinhardt, H., Liebmann, R., Schuster, H.G. Depression of the critical exponent of the susceptibility by low-concentration impurities in uniaxial ferromagnets 1-42951
- Kotziowski, H., Mast, F., Vernickel, H. Some remarks on the limiter of the experiment ZEPHYR with special regard to particle fluxes and sputtering 1-29925
- Kou, F., Komiya, S. Multipurpose quadrupole mass spectrometer 1-28115
- Koubsky, P. *see* Harmanec, P. 1-9527
- Koubsky, P. *see* Kriz, S. 1-40529
- Koudelka, L., Frumar, M., Pisarcik, M. Raman spectra of Ge-Sb-S system glasses in the S-rich region 1-31141
- Koudelka, L., Horak, J., Pisarcik, M. Depolarization Raman spectra of (As₂S₃)_{1-x}(AsBr₃)_x glasses 1-3401
- Koudstaal, J. *see* Verschuieren, R.C.J. 1-22062
- Koui, M. *see* Skoulidakis, T. 1-2315
- Koul, P.N., Padalia, B.D., Ghatikar, M.N. X-ray spectroscopic studies of cobalt complexes in aqueous solutions and polycrystalline form 1-39182
- Koullias, J. *see* Georgantopoulos, G.A. 1-54356
- Koumelis, C.N., Londres, C.A. X-ray Raman scattering in colloidal and polycrystalline graphite 1-8157
- Koumi, N. *see* Yamamoto, K. 1-48584
- Koumoto, K., Yanagida, H. Decomposition pressure of Co₃O₄ determined from electrical conductivity measurements 1-43656
- Koumoto, K., Yanagida, H., Mizuta, S. Vapor pressure of ZnO over the spinel solid solutions in the ZnO-CoO-Al₂O₃ and ZnO-NiO-Al₂O₃ systems determined by Knudsen effusion method 1-20370
- Koumoto, K. *see* Kihara, S. 1-30372
- Koumvakalis, N. Defects in crystalline SiO₂: optical absorption of the aluminum-associated hole center 1-16587
- Koumvakalis, N. *see* Martin, J.J. 1-16098
- Kounadis, A.N. On the derivation of equations of motion for a vibrating Timoshenko column 1-29601
- Kounnas, C. *see* Floratos, E.G. 1-28278, 1-28332
- Koupparis, M.A. *see* Malmstadt, H.V. 1-26776
- Kour, B. *see* Kaul, G.L. 1-33267
- Koura, K. Rotational distribution of N₂ in Ar shock wave 1-1336
- Koura, M.M. The effect of surface texture on friction mechanisms 1-38444
- Kourganoff, V. Astronomy as a specific discipline and the problems of teaching it 1-44746
- Kouri, D.J. *see* Fitz, D.E. 1-10811, 1-37300
- Kouri, D.J. *see* Gerber, R.B. 1-24211
- Kouri, D.J. *see* Jelinek, J. 1-12972
- Kouri, D.J. *see* Khare, V. 1-6364
- Kouris, K. *see* Kerr, S.A. 1-26992
- Kourkoumelis, C., Resvanis, L.K., Filippas, T.A., Fokitis, E., Cnops, A.M., Iwata, S., Palmer, R.B., Rahm, D.C., Rehak, P., Stumer, I., Fabjan, C.W., Fields, T., Lissauer, D., Mannelli, I., Mouzourakis, P., Nappi, A., Willis, W.J. A study of the production of high-p_T π⁰'s at the CERN Intersecting Storage Rings 1-5665
- Kourkoumelis, C., Resvanis, L.M., Filippas, T.A., Fokitis, E., Cnops, A.M., Iwata, S., Palmer, R.B., Rahm, D.C., Rehak, P., Stumer, I., Fabjan, C.W., Lissauer, D., Mannelli, I., Mouzourakis, P., Willis, W.J. Observed difference in the structure of events with a high p_T⁰ or single photon 1-50474
- Kourkoumelis, C. *see* Diakonou, M. 1-10256
- Kourrov, N.I., Podgornyy, S.M., Tsiolkov, Yu.N., Volkenstein, N.V. Specific heat of Pt₃Mn, Fe_{1-x} alloys 1-30967
- Kourrov, N.I., Tsiolkov, Yu.N., Volkenstein, N.V. Hall effect in (Pd₂Pt_{1-x})₃Fe alloys based on the ferromagnetic alloy Pd₃Fe 1-12096
- Kourrov, N.I. *see* Khodos, M.Ya. 1-7347, 1-38348
- Kousioncelos, P.N. *see* Williams, J.H., Jr. 1-48463
- Koutchmy, O. *see* Koutchmy, S. 1-17802
- Koutchmy, S., Koutchmy, O., Kotov, V.A. Detection of 160 min solar intensity variations: sampling effect 1-17802
- Koutecky, J. *see* Beckmann, H.-O. 1-37377
- Koutouyan, Z.Y. *see* Kindy, H.M. 1-21388
- Kouts, H.J.C. *see* Steinberg, M. 1-5977
- Kouts, H.J.C. *see* Takahashi, H. 1-18847
- Koutsarov, S.I. An electronic circuit for measuring C-V curves 1-14135
- Koutsy, J., Cap, A. Structural changes during precipitation hardening of steels Mn18Cr4V 1-3758
- Koutsy, J.A. *see* Matyl, R.J. 1-2346
- Koutzenogii, K.P. *see* Baklanov, A.M. 1-48752
- Kouvel, J.S., Brun, T.O. Classical cubic model for paramagnetic DySb 1-12254
- Kouvel, J.S. *see* Cheung, T.D. 1-42947
- Kouvel, J.S. *see* Knitter, R.W. 1-25957
- Kouymjian, R.G. *see* Pathak, P.H. 1-6434
- Kouzes, R.T., Nelson, P.C. An application of microprogramming to nuclear physics data acquisition 1-1049
- Kouzov, D.P. *see* Veshev, V.A. 1-19635
- Kovac, J.P., Balmer, R.T. Experimental studies of external hydrocrysts 1-37945
- Kovac, L. *see* Pescik, L. 1-48619
- Kovacs, A. *see* Dezso, L. 1-4854
- Kovacs, A.J., Straupe, C. Isothermal growth, thickening and melting of poly(ethylene oxide) single crystals in the bulk part. IV. Dependence of pathological crystal habits on temperature and thermal history 1-30102
- Kovacs, F. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Kovacs, I. Oscillations and waves. I. The harmonic oscillator 1-23034
- Kovacs, I. General form of the centrifugal corrections of the spin interactions in diatomic molecules 1-37166
- Kovacs, I., Lendvai, J., Ungar, T., Groma, G., Lakner, J. Mechanical properties of AlZnMg alloys 1-21504
- Kovacs, I. *see* Radomsky, M. 1-21450
- Kovacs, J., Borbely, I., Horkay, F. Determination of colour tolerances at some paints 1-23287
- Kovacs, M., Takacs, F. Finite element analysis of bending vibrations of a straight-axed beam under consideration of rotary inertia and shear deformation 1-19633
- Kovacs, M.P., Gandais, M. Transmission electron microscope study of experimentally deformed K-feldspar single crystals. The {121}[101] and {010}[100] slip systems 1-15894
- Kovacs, P. *see* Haklik, L. 1-14214
- Kovacs, S.G., Johnson, T.D., Weber, D., Yarnoz, M.D. Magnetically actuated heart assist pump 1-13351
- Kovacs, W.A. *see* Swanson, M.L. 1-23771
- Kovacs-Csetenyi, E. *see* Papp, K. 1-52361
- Koval, A.A. *see* Pichtev, A.I. 1-31960
- Koval, A.K. *see* Below, N.A. 1-17135
- Koval, A.K. *see* Vargin, A.N. 1-33498
- Koval, A.N. Distribution of energy in the continuous spectrum of flares, whiskers, and emission grains 1-27442
- Koval, I.F., Goisa, S.N., Mel'nik, P.V., Nakhodkin, N.G. Electron spectroscopy of Si, SiO₂ and Si₃N₄ surfaces after reactive implantation of O₂⁻ and N₂⁺ ions 1-52162
- Koval, L.R. On sound transmission into a stiffened cylindrical shell with rings and stringers treated as discrete elements 1-19482
- Koval, L.R. Sound transmission into a laminated composite cylindrical shell 1-19483
- Koval, M.A., Shvets, A.I. Sonic annular jet in a counterstreaming supersonic flow 1-19773
- Koval, M.A., Stulov, V.P., Shvets, A.I. Some effects of strong blowing of gas into a supersonic flow 1-33976
- Koval, M.V. Effect of polarization on corrosion cracking of aluminum alloy D16 in a chloride solution 1-26676
- Koval, M.V. *see* Vasilenko, I.I. 1-53350
- Koval, N.A., Lobova, V.M., Raykhel', E.I. X-ray investigation of deformations appearing during oriented scratching of NaCl monocrystals 1-47335
- Koval, S.S., Patrusev, G.Ya., Petrov, A.I., Pokasov, V.V. Effect of fluctuation amplification in the case of reflection in a turbulent atmosphere 1-36059
- Koval, V.P., Karvatskiy, L.M., Koval'chuk, R.I. Influence of carbon, nickel, manganese, and vanadium on stress-corrosion cracking of steels in a medium containing hydrogen sulfide 1-3989
- Koval, V.P. *see* Isaev, A.N. 1-53349
- Koval, Yu.F., Supronov, V.P., Shat'ko, I.I. Contactless regulator of temperature difference between the electrodes of an instrument measuring thermal EMF 1-5306
- Koval, Yu.N., Kondrat'ev, S.Yu., Musienko, R.A., Khandros, L.G., Yaroslavskii, G.Ya. Singularities of the martensitic transformation in Cu-Zn-Al alloys 1-43336
- Koval, Yu.N., Molin, A.I. Magnetization changes in explosion martensite formation (short communication) 1-16911
- Koval'chenko, M.S., Ochkas, L.F., Vinokurov, V.B. Hot pressing of binary titanium-chromium diboride 1-53142
- Koval'chenko, M.S., Yulugin, V.K. Desiccation kinetics of a porous material based on molybdenum disulfide in hot pressing 1-53123
- Koval'chenko, M.S. *see* Dorofeev, Yu.G. 1-21376
- Koval'chuk, N.G. *see* Zubov, V.G. 1-18227
- Koval'chuk, R.I. *see* Koval, V.P. 1-3989
- Koval'chuk, V.A., Rekalov, M.P. Density matrix of neutral and charged vector bosons in reactions with e⁺e⁻ colliding beams 1-36872
- Koval'chuk, Yu.V., Komissarova, I.I., Ostrovskaya, G.G. Use of a dye laser to produce shadowgraph patterns of the plasma of a laser spark 1-25065
- Kovalen', V.Yu. *see* Belyaev, V.N. 1-51065
- Kovalenko, A.A. *see* Nagaev, E.L. 1-7843
- Kovalenko, A.P. Investigation of transients in a cylindrical shell with fluid under shock excitation 1-19754
- Kovalenko, A.S. Effect of nucleate boiling of helium on the low-frequency noise of superconducting point contacts 1-30890
- Kovalenko, A.S., Tikhonova, L.P., Roizman, O.M., Protodopov, E.V. Characteristics of the concentration ranges of existence of oscillations in the Belousov-Zhabotinskii reactions 1-39625
- Kovalenko, E.V. *see* Aleksandrov, V.L. 1-29556
- Kovalenko, G.D. *see* Boeck, G.M. 1-2541
- Kovalenko, G.D. *see* Vit'ko, V.I. 1-2546
- Kovalenko, G.V. *see* Kuktarev, N.V. 1-1646
- Kovalenko, L.G. Computer simulation of optical experiments 1-46477
- Kovalenko, S.A. *see* Baev, V.M. 1-1563, 1-5412
- Kovalenko, S.G. *see* Isaev, P.S. 1-5618
- Kovalenko, S.I., Krainyukova, N.V. Atomic dynamics of small xenon crystals 1-42479
- Kovalenko, S.S. *see* Alkhaizov, I.D. 1-28507
- Kovalenko, T.P. Evolution of internal stresses and ensemble of mobile dislocations during deforming stress relaxation in LiF single crystals 1-30304
- Kovalenko, T.P. *see* Bengus, V.Z. 1-15900
- Kovalenko, V.F. Determining residual stresses in heterostructures in photoluminescence 1-21255
- Kovalenko, V.F., Peka, G.P., Shepel', L.G. Photoluminescence methods in the determination of the parameters of variable-gap semiconductors 1-35092

- Kovalenko, V.F. *see* Vol'kenshtein, I.A. 1-359
- Kovalenko, V.I. *see* Rudenko, V.P. 1-35448
- Kovalenko, V.M. *see* Dogel', V.A. 1-22643
- Kovalenko, V.P. Quasi-stationary BGK waves in a dissipative plasma 1-24966
- Kovalenko, V.S., Golovko, L.F. Towards assessment of the technological characteristics of the process of strengthening steel by continuous irradiation by CO₂ lasers 1-43593
- Kovalenko, V.S. *see* Tsuwa, H. 1-3962
- Kovalenko, V.V. *see* Upit, G.P. 1-48488
- Kovalenko, Yu.S. *see* Alexander, I.N. 1-45066
- Kovaleskii, E.I., Lomakin, L.N., Korpusov, V.P. An automatic instrument for determining visual acuity 1-22142
- Kovalev, A.A., Makhsantsev, B.I., Pilipetskii, N.F., Sidorin, Yu.V., Stonik, O.G. Cumulative effects and time dependence of the optical damage threshold of solid transparent dielectrics exposed to coherent radiation 1-35127
- Kovalev, A.A., Makhsantsev, B.I., Pilipetskii, N.F., Sidorin, Yu.V., Stonik, O.G. Accumulation effects and time dependence of the threshold for laser breakdown of transparent solid dielectrics 1-35131
- Kovalev, A.A., Tyushkevich, B.N., Sadovskii, V.N. Influence of phase effects on the process of formation of narrow-band laser output with an electrooptical shutter 1-46410
- Kovalev, A.A., Tyushkevich, B.N., Sadovskii, V.N., Uosva, N.A. Radiation dynamics of a ring laser with an electrooptical shutter 1-51515
- Kovalev, A.A. *see* Kravitskiy, E.I. 1-27286
- Kovalev, A.I. *see* Efimovoy, V.A. 1-41007
- Kovalev, A.I. *see* Loshchinin, Yu.V. 1-52308
- Kovalev, A.I. *see* Smirnov, V.I. 1-48261
- Kovalev, A.S., Persiantsev, I.G., Polushin, V.M., Rakhimov, A.T., Suetin, N.V., Timofeev, M.A. Breakdown mechanism in an externally sustained gas discharge 1-52017
- Kovalev, A.S., Popov, A.M. Mechanism for gas breakdown by a CO₂ laser beam near a metal surface 1-25016
- Kovalev, A.S., Popov, A.M. Cracking at a metal surface which contributes to laser breakdown of a gas 1-35130
- Kovalev, A.S. *see* Bogdan, M.M. 1-42960
- Kovalev, A.S. *see* Vasil'eva, A.N. 1-42247
- Kovalev, E.E. *see* Vorob'ev, E.I. 1-28715
- Kovalev, I.A. *see* Keilin, V.E. 1-47795
- Kovalev, I.D., Larin, N.V., Maksimov, G.A., Suchkov, A.I., Feoktistov, I.Yu. Energy distributions of the ions in a laser plasma 1-24945
- Kovalev, N.P. *see* Bakhrakh, S.M. 1-53231
- Kovalev, S.D. *see* Andrizhievskii, A.A. 1-51697
- Kovalev, S.D. *see* Shchurin, V.N. 1-19791
- Kovalev, V., Mel'nikov, V. Integral emittance of zirconium during high-temperature heating and oxidation 1-16073
- Kovalev, V.F., Romanov, A.B. Turbulence of plasma waves with anomalous dispersion 1-34079
- Koval'eva, I.Yu., Komarov, V.V., Popova, A.M., Shablov, V.L. On a method of solving the quantum mechanical four-body problem 1-27819
- Koval'eva, I.Yu., Komarov, V.V., Popova, A.P., Shablov, V.L. Some particular solutions of the integral equations for the interaction amplitudes of four nonrelativistic particles 1-676
- Koval'eva, V.N. *see* Moskalenko, V.A. 1-43421
- Koval'eva, V.N. *see* Startsev, V.I. 1-15898
- Koval'skaya, G.G. *see* Andrushko, A.I. 1-20809
- Koval'skaya, Ye.M. *see* Zhulina, Ye.M. 1-4682
- Koval'skii, V.I. *see* Postnikov, V.S. 1-3158
- Koval'skiy, J. Modern approaches to research in dynamical astronomy 1-32610
- Koval'skiy, J. The reference systems [Earth's motion in space] 1-49194
- Koval'skiy, J. *see* Gay, J. 1-4791, 1-4792
- Koval'nogov, N.N. *see* Shchukin, V.K. 1-15530
- Kovatskii, N.G. *see* Aleksandrov, V.V. 1-11583
- Kovatskii, N.G. *see* Belousov, V.N. 1-33767
- Kovalyov, A.S., Kosevich, A.M., Polyakov, M.L. Thermodynamics of a rigid polymer molecule described by a one-dimensional model which can be solved exactly 1-10880
- Kovalyuk, Z.D. *see* Bakumenko, V.L. 1-20865
- Kovalyuk, Z.D. *see* Demchina, L.A. 1-52653
- Kovar, D. *see* Hassler, K. 1-1223
- Kovar, D.G. *see* Sanders, S.J. 1-14503
- Kovar, L., Kapicka, V. Some methods of plasma parameters determination from the spectral line widths 1-15652
- Kovardakova, G.N. *see* Saidov, M.S. 1-20863
- Kovarik, V. Cylindrical orthotropic sandwich-type shells under general loading. I. Formulation of the problem 1-11317
- Kovarik, V. Cylindrical orthotropic sandwich-type shells under general loading. II. Solution of the problem 1-33903
- Kovarksi, V.A. *see* Perel'man, N.F. 1-41413
- Kovarski, V.A. *see* Delone, N.B. 1-10701
- Kovartscher, P.D. *see* Budurov, S.J. 1-20478
- Korba, L.M. *see* Chizhov, S.M. 1-20144
- Korba, L.M. *see* Samartsev, B.G. 1-7151
- Korba, V.M. *see* Topol, I.A. 1-19030, 1-24038, 1-28872
- Kovdrya, Yu.Z., Gordeev, S.I., Esel'son, B.N., Ivantsov, V.G., Shcherbachenko, R.I. He II film transport along weak interacting substrates 1-20490
- Kovel, M.I. *see* Mitchell, A.C. 1-38572
- Kovens'ka, B.O. *see* Avetisyan, A.O. 1-38800
- Kover, A., Ricz, S., Szabo, Gy., Berenyi, D., Kol'tay, E., Vegh, J. Electron spectra from the collisions of simple systems at 0.8 MeV/N projectile energy 1-10818
- Koverda, V.P., Skokov, V.N., Skripov, V.P. Melting and crystallization of lead island films 1-25594
- Kover'yanov, V.A. *see* Avdeuskii, V.S. 1-9396
- Kovesi-Domokos, S. *see* Casalbuoni, R. 1-45226
- Kovetskaya, M.M. *see* Kalinin, R.I. 1-1975
- Kovetz, A. *see* Enosh, M. 1-40690
- Kovetz, A. *see* Harpaz, A. 1-36270
- Kovgalo, V.A. *see* Plaskachevskii, Yu.M. 1-31788
- Kovjanic, C. *see* Pinchak, A.C. 1-13282
- Kovinskaya, S.I. Propagation of a packet of plane flexural waves in a plate with periodic obstructions 1-37693
- Kovrighin, A.I., Yakovlev, D.V., Zhdanov, B.V., Zheludev, N.I. Self-induced optical activity in crystals 1-19392
- Kovrighin, A.I. *see* Ivanova, Z.I. 1-6617
- Kovrizhnikh, L.M., Shchepetov, S.V. The description of plasma in a stellarator by means of averaged MHD equations 1-24953
- Kovrova, T.P. *see* Fetisova, M.M. 1-3929
- Kovsh, I.B. *see* Basov, N.G. 1-24389, 1-46312, 1-46313
- Kovshenya, G.G. *see* Kotov, A.A. 1-23959
- Kovshov, G.N., Sergeev, A.N. A digital azimuth converter with continuous monitoring 1-27284
- Kovshov, V.I. Equations of stellar convection. II. Closure of the system 1-22784
- Kovshuk, A.P. *see* Rymutsev, E.I. 1-2326
- Kovtun, A.P. *see* Prosandeev, S.A. 1-6162
- Kovtun, E.D. *see* Vedrinskiy, R.V. 1-37114
- Kovtun, E.D. *see* Chaikovskii, E.F. 1-26356
- Kovtun, G.P. *see* Okovit, V.S. 1-47169
- Kovtun, K.V. *see* Kornienko, L.A. 1-53217
- Kovtun, N.M. *see* Vasil'kovskii, V.A. 1-43035
- Kovtunen, P.V. *see* Zhdanov, V.M. 1-20417
- Kovtunen, V.M. *see* Avdeuskii, V.S. 1-9396
- Kovyl'nikov, V.N. *see* Antonov, A.V. 1-33279
- Kowal, C. Comet Lovas (1980s) 1-27424
- Kowal, C. 1980 WF 1-32641
- Kowal, C. *see* Lovas, M. 1-27422
- Kowal, C. *see* Shao, C.-Y. 1-27413
- Kowal, C.T., Liller, W., Marsden, B.G. The discovery and orbit of (2060) Chiron 1-44470
- Kowal, C.T., Marsden, B.G. 1980 RG 1-4810
- Kowalczyk, A. *see* Bauer, R.K. 1-6310
- Kowalczyk, B. Phase transition in a ferromagnet of the type U₃X₄ with a magnetic field oriented along the hard direction: application to U₃As₄ 1-16440
- Kowalczykowski, S.C., Lonberg, N., Newport, J.W., Paul, L.S., von Hippel, P.H. On the thermodynamics and kinetics of the cooperative binding of bacteriophage T4-coded gene 32 (helix destabilizing) protein to nucleic acid lattices 1-8799
- Kowald, W. *see* Abela, R. 1-5628
- Kowald, W. *see* Backenstoss, G. 1-5685
- Kowald, W. *see* Schwaner, I. 1-15041
- Kowalewicz, P. Application of the inductive gauge to measure of the magnetostriction coefficient of electrical sheet 1-38965
- Kowalewski, J., Laaksonen, A., Saunders, V.R. Coupled Hartree-Fock and finite perturbation-configuration interaction calculations of nuclear spin-spin coupling constants in the second-row hydrides 1-51107
- Kowalewski, L. *see* Pastusiak, W. 1-47525
- Kowalewski, V.J. *see* Contreras, R.H. 1-14918
- Kowalewski, V.J. *see* Czekalski, M. 1-19123
- Kowalik, J. *see* Benson, D.K. 1-48903
- Kowalik, J.S. *see* Leboeuf, C.M. 1-53677
- Kowalik, W.S. *see* Marsh, S.E. 1-32550
- Kowalik, Z. *see* Jankowski, A. 1-17617
- Kowalik, Z. *see* Kiehlmann, J. 1-35991
- Kowal, J. Semiclassical calculation of the photon propagator in two-dimensional scalar QED 1-10115
- Kowalska, M. *see* Lukas, W. 1-25458
- Kowalski, F.V. *see* Baer, T. 1-6569
- Kowalski, H. *see* Boerner, H. 1-14741
- Kowalski, H. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Kowalski, J.M., Johnson, K.H., Tuller, H.L. Models for the photoelectrolytic decomposition of water at semiconducting oxide anodes 1-17065
- Kowalski, J.M., Tuller, H.L. Ceramic electrodes for photoelectrolytic decomposition of water 1-17221
- Kowalski, J.M. *see* Ausloos, M. 1-16420
- Kowalski, K.L. Dynamical equations for the optical potential 1-41085
- Kowalski, K.L., Picklesimer, A. Resonance structure of the antisymmetrized optical potential 1-41084
- Kowalski, K.L. *see* Goldflam, R. 1-681, 1-18574
- Kowalski, M. *see* Abdrhmanov, E.O. 1-722
- Kowalski, M.P. *see* Ulmer, M.P. 1-54640
- Kowalski, S. *see* Denus, S. 1-34118
- Kowalski, S. *see* Lindgren, R.A. 1-50589
- Kowalski, S. *see* Rad, F.N. 1-23646
- Kowarschik, R. *see* Hesse, G. 1-28048, 1-40844
- Kowatschew, R., Djambazova, L. Precipitation and corrosion processes in ferrite containing nitrogen-chromium-manganese steels after isothermal annealing 1-53185
- Kowel, S.T. Beyond optical imagers. The DEFT camera 1-14196
- Kowel, S.T. *see* Moyer, A.L. 1-46584
- Kowler, E., Steinman, R.M. The effect of expectations on slow oculomotor control. III. Guessing unpredictable target displacements 1-39931
- Koyama, A., Shikata, T., Sakai, H. Secondary electron emission from Al, Cu, Ag and Au metal targets under proton bombardments 1-43230
- Koyama, A. *see* Takusagawa, N. 1-16574
- Koyama, J., Takemura, M., Suzuki, Z. Seismic-moment determination qualified for routine processing of seismic data 1-54288
- Koyama, J. *see* Mitsuana, K. 1-19474
- Koyama, J. *see* Mizushima, Y. 1-6649
- Koyama, K., Tanimoto, M., Matsumoto, Y., Sugura, M. Mega-gauss magnetic field generation by means of plasma focus compression 1-46862
- Koyama, K. *see* Matsumoto, Y. 1-42204
- Koyama, K. *see* Matsuo, M. 1-22927
- Koyama, K. *see* Mitani, T. 1-8088
- Koyama, K. *see* Murakami, T. 1-27633
- Koyama, K. *see* Yasuda, I. 1-7892
- Koyama, M., Matsushita, R. Use of neutron spectrum sensitive monitors for instrumental neutron activation analysis 1-48760
- Koyama, M. *see* Kasamatsu, Y. 1-42555
- Koyama, M. *see* Takamatsu, T. 1-49409
- Koyama, N. *see* Shimizu, H. 1-16642, 1-26345, 1-53028
- Koyama, R., Koyama, T., Hirokawa, Y., Yoshizawa, Y., Noma, H., Horiguchi, T., Kiso, Y., Hasai, H., Takemi, H. ^{81m}Kr gas generator for lung ventilation study 1-44000
- Koyama, S., Kashiwara, T. Energy system analysis for the evaluation of new energy technologies 1-48939
- Koyama, S. *see* Abilock, H. 1-39719
- Koyama, S. *see* Fujii, T. 1-15362
- Koyama, S. *see* Honkura, Y. 1-13384
- Koyama, S. *see* Kimura, K. 1-3613
- Koyama, T. *see* Endo, M. 1-21866
- Koyama, T. *see* Harada, I. 1-37959
- Koyama, T. *see* Kotani, A. 1-34872
- Koyama, T. *see* Koyama, R. 1-44000
- Koyama, T. *see* Machida, K. 1-38885
- Koyama, T. *see* Tachiki, M. 1-42896
- Koyama, Y. *see* Hirota, F. 1-28864
- Koyama-Ito, H., Grodzins, L. Computer calculations of solenoidal focusing of MeV proton beams to one micrometer diameter 1-18937
- Koyanagi, K. *see* Katagiri, K. 1-16890, 1-42388
- Koyanagi, K. *see* Mishima, T. 1-24459
- Koyanagi, M., Endo, T., Nakamura, A. Anomalous DC characteristics of Josephson tunnel junction with high-power microwave 1-20924
- Koyava, V.T., Popenchits, V.I. Directed energy transfer in solid polar dielectrics 1-16599
- Koyava, V.T., Popenchits, V.I., Sarzhvskii, A.M. Intermolecular interactions and their effect on spectral polarization properties of fluorescence 1-29025
- Koyava, V.T., Popenchits, V.I., Sarzhvskii, A.M. Kinetics of fluorescence decay in solid solutions in the presence of resonant energy transfer 1-46014
- Koyava, V.T. *see* Voropai, E.S. 1-51236
- Koyen, M.A., Sidorov, I.M. Numerical simulation of the mid-latitude plasmasphere 1-22515
- Koyen, M.A. *see* Barayshchuk, S.I. 1-4670
- Kozachenko, M.L. *see* Il'in, A.S. 1-5296
- Kozachenko, M.L. *see* Kaufman, S.A. 1-5270
- Kozachenko, M.L. *see* Zagorskii, Ya.T. 1-5271
- Kozachok, I.A. The function of the sphere, plane layer and cylinder value relative to contribution of epithermal neutrons of a point source to the composite field 1-27160
- Kozachok, I.A., Kulik, V.V. Asymptotic length of above-thermal neutron relaxation in geologic media with high hydrogen content 1-22330
- Kozai, Y. Comet Lovas (1980s) 1-27425
- Kozai, Y. Secular perturbations of asteroids and comets 1-44423
- Kozai, Y., Kozai, H. Nova Coronae Austrinae 1981 1-54513
- Kozai, Y., Urata, T. Periodic Comet Longmore (1981a) 1-32661
- Kozak, G.Yu. *see* Vashchuk, V.I. 1-51475
- Kozak, J.J. *see* Hatlee, M.D. 1-44861, 1-48741
- Kozakai, H., Lee, H.Y. Chiral-invariant regularization of the axial vector current in QCD 1-36794
- Kozakai, T. *see* Miyazaki, T. 1-3806
- Kozakai, T. *see* Mori, H. 1-3857, 1-21527
- Kozakai, T. *see* Unozawa, Y. 1-32070
- Kozaki, S. Theory and experiment on the scattering of a Gaussian beam by a perfectly conducting cylinder 1-19249

- Kozaki, S. *see* Tabata, K. 1-46202
- Kozakowski, G., Mierzecki, R., Sokolowska, A.
Depolarization ratio of the overlapping Raman bands 1-45966
- Kozanek, W. *see* Diddens, A.N. 1-14747, 1-23998
- Kozanek, W. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Kozar, J., III *see* Thomas, D. 1-49131
- Kozarzewski, B. *see* Borgiel, W. 1-34864
- Kozasa, T. *see* Kobayashi, Y. 1-54633
- Kozawa, Y., Aoki, S. Transient heat transfer during reflooding of a vertical single heater tube 1-28518
- Kozdoba, L.A. *see* Burenko, V.I. 1-1818
- Kozel, K., Polasek, J., Vavrinova, M. On a relaxation method for calculating two dimensional transonic fields of flow 1-42064
- Kozel, S.M. *see* Bakanina, L.P. 1-29256
- Kozel, S.P., Lashkov, G.I. Analysis of the spectral-luminescent properties of poly-(9-anthrylmethyl methacrylate) using the intrachain photodimerization of the anthracene chromophores 1-43165
- Kozel, S.P., Lashkov, G.I., Shelekhov, N.S., Kravoyak, M.G. Nature of the hypochromic effect in electronic absorption spectra of copolymers of methyl methacrylate and 9-anthrylmethyl methacrylate 1-29157
- Kozenkov, V.M., Kvasnikov, E.D., Barachevskii, V.A., Rakitina, L.A., Naumova, N.A. Multifunction light-polarization converter 1-29372
- Kozharinov, L.P. *see* Smirnov, V.N. 1-45096
- Kozhemyak, N.V. *see* Podberczkaya, N.V. 1-30183
- Kozhevnikov, A.V. *see* Bystritskii, V.M. 1-51461
- Kozhevnikov, A.V. *see* Shchukin, V.K. 1-11464
- Kozhevnikov, K.I. The setting of position drive regulators, minimising arcing under bushes of a particular DC motor 1-34137
- Kozhevnikov, N.V. *see* Kalashnikov, V.P. 1-31028
- Kozhevnikov, N.V. *see* Kalashnikov, V.P. 1-38982
- Kozhevnikov, V.B. *see* Kolotyrykin, Ya.M. 1-53347
- Kozhin, V.V. *see* Dvoryankin, V.F. 1-2791
- Kozhina, I.I. *see* Baluyev, A.V. 1-43661
- Kozhukhar, A.Yu. *see* Khodosov, E. 1-25998
- Kozhukhova, V.T. *see* Kuleva, Z.A. 1-15294
- Kozharkiewicz, W. *see* Denus, S. 1-34118
- Koziel, K. On the estimation of the free libration constants of the Moon 1-49548
- Kozior, K.S., Sharma, K.S., Barber, R.C., Barnard, J.W., Ellis, R.J., Derenchuk, V.P., Duckworth, H.E. Precise atomic masses and mass differences for mercury 1-1397
- Kozik, T. The accuracy of heavy-ion optical model calculations 1-23669
- Kozikowski, B.A., Keiderling, T.A. Intracoufugal absorption and magnetic circular dichroism spectra of Re^{3+} in Cs_2ZrCl_6 and Cs_2ZrBr_6 1-31170
- Kozima, Y. *see* Harada, K. 1-28042
- Kozin, F., Bogdanoff, J.L. A critical analysis of some probabilistic models of fatigue crack growth 1-46701
- Kozin, N.S., Stepanov, Yu.S., Kholin, N.N. Equation of dynamic plasticity for polycrystalline metallic materials 1-41953
- Kozin, V.M. *see* Buravoi, S.E. 1-44914
- Kozinets, V.V., Filipis, A.Kh., Godin, M.L. The recovery of silver electroresistance after hardening and straining at 4.2K 1-21600
- Kozintsev, V.I. *see* Alekseev, V.A. 1-1558
- Kozitsyn, V.E. *see* Iminov, A.B. 1-50153
- Kozlenko, V.G., Rusakov, O.M., Starostenko, V.I. Three-dimensional regional gravitational model of the northern Indian Ocean 1-22183
- Kozlik-Kulak, A., Droznaki, A. LaAlO_3 , its synthesis, its properties 1-53147
- Kozlov, A.P., Moskalik, K.G., Raigorodskaya, T.G. Effect of helium-neon laser radiation on mitotic activity and DNA synthesis in cells of Ehrlich Ascites tumors 1-8906
- Kozlov, A.S., Dashkevich, V.G. Calculation of torsional vibrations of multislot molecules 1-1210
- Kozlov, A.S. *see* Ivanov, V.S. 1-8595
- Kozlov, A.V. *see* Rivkin, E.Yu. 1-21662
- Kozlov, D.N. *see* Bulatov, E.D. 1-33065
- Kozlov, D.N. *see* Zueva, G.Ya. 1-10739, 1-14891
- Kozlov, E.V., Starenchenko, S.V. Order-disorder transitions in alloys near Au-Cu 1-47235
- Kozlov, E.V. *see* Lebedev, Yu.N. 1-42416
- Kozlov, F.A. *see* Basov, Yu.P. 1-11401
- Kozlov, G.I., Ivanov, V.N., Selezneva, I.K. Amplification and power of a gasdynamic laser (GDL) using a CO_2 - N_2 - CO_2 - H_2 mixture 1-10982
- Kozlov, G.I. *see* Garasimov, M.V. 1-38102
- Kozlov, G.M. *see* Barvinov, Yu.N. 1-26707
- Kozlov, G.Y. *see* Volkov, A.A. 1-8166, 1-9998, 1-12447, 1-12605, 1-26314
- Kozlov, L.F., Nikitina, G.D. Correction coefficient description of additional energy dissipation by an oscillating column of liquid in U-shaped tubes 1-19733
- Kozlov, L.F., Nikitina, G.D. Possibility of using quasistationary models in calculating free oscillations of fluids 1-24886
- Kozlov, N.A. *see* Alekseev, V.A. 1-1558
- Kozlov, N.A. *see* Basov, Yu.G. 1-6565
- Kozlov, N.A. *see* Gonda, A.D. 1-15166
- Kozlov, N.A. *see* Rubenko, L.A. 1-46333
- Kozlov, N.P. *see* Grishin, Yu.M. 1-38174, 1-42144, 1-42238
- Kozlov, N.P. *see* Zimin, A.M. 1-3964
- Kozlov, O.V. *see* Belousov, G.D. 1-37061
- Kozlov, O.V. *see* Goncharov, A.S. 1-1016
- Kozlov, S.I. *see* Karlov, V.D. 1-54305
- Kozlov, S.N. *see* Kiselev, V.P. 1-42845
- Kozlov, V.A. *see* Aleksandrov, Yu.A. 1-5634
- Kozlov, V.A. *see* Andronov, A.A. 1-25740, 1-25743, 1-30755, 1-42782
- Kozlov, V.A. *see* Galev, V.N. 1-52546
- Kozlov, V.A. *see* Kardo-Sysoev, A.F. 1-20755
- Kozlov, V.D. Use of the HP-9820 desktop calculator in processing photographic data from spark chambers 1-4777
- Kozlov, V.F. Numerical investigations of the influence of friction on the magnitude of losses in a nozzle cascade of a gasdynamic CO_2 - N_2 -He laser 1-41656
- Kozlov, V.F., Pistrayak, V.M., Zats, A.V. Emission of secondary surface-origin ions in the production of adsorbate molecular complexes on the sputtered surface 1-53041
- Kozlov, V.F., Sokolovskii, M.A. The influence of the cylindrical topographical disturbances on unsteady zonal flow of stratified fluid in the beta-plane 1-32451
- Kozlov, V.F., Zats, A.V. Studies in efficiency of oxygen-stimulated yields of secondary negative ions in cathode sputtering sources 1-988
- Kozlov, V.F. *see* Krishnal, M.A. 1-17021
- Kozlov, V.G. Stability of periodic motion of fluid in a planar channel 1-19810
- Kozlov, V.P. *see* Basov, Yu.P. 1-11401
- Kozlov, V.S. *see* Golovachev, V.I. 1-8030
- Kozlov, V.V. *see* Kachanov, Yu.S. 1-42033
- Kozlov, Yu.V. *see* Bugorski, A.P. 1-18653
- Kozlov, Yu.Ya. Sound insulation of a scoring stage 1-19516
- Kozlova, K.I. *see* Glagolevskii, Y.V. 1-9528
- Kozlova, N.M. *see* Vasil'ev, V.G. 1-43301
- Kozlova, R.F., Rabkin, V.B. Composition and strain dependence of the mechanical properties of Mo-Cu and Mo-Cu-Ni composites 1-26517
- Kozlovskii, K.I. *see* Kozlyev, Yu.P. 1-28777
- Kozlovskii, S.I. *see* Gribnikov, Z.S. 1-3371
- Kozlovskii, S.S. *see* Grachev, B.D. 1-31251
- Kozlovskii, V.I., Nasibov, A.S., Popov, Yu.M., Reznikov, P.V. Electron-beam-pumped CW GaAs laser 1-37512
- Kozlovskii, B.Z. *see* Contini, M. 1-36372
- Kozlovskiy, E. *see* Arestov, Yu. 1-5668
- Kozlovskiy, E. *see* Gensch, U. 1-595
- Kozlovskiy, E.A. *see* Arestov, Yu.I. 1-36892
- Kozlovskiy, E.A. *see* Denegri, D. 1-28356
- Kozlovskiy, V.I. *see* Bulakh, B.M. 1-43254
- Kozlowski, A.T. *see* Zweibaum, F.M. 1-44985, 1-44986
- Kozlowski, E. *see* Namiesnik, J. 1-43672
- Kozlowski, G., Ciszewski, A. Surface self-diffusion modifications induced by the adsorption of antimony on the tungsten field emitter tip 1-42630
- Kozlowski, G., Krzyzost, T., Tekiel, P. Lower critical field of type II antiferromagnetic superconductors 1-20931
- Kozlowski, G. *see* Cizek, M. 1-52703
- Kozlowski, K. Conduction carriers and localized spin centres in carbon black doped polyester resin 1-12401
- Kozlowski, M. *see* Lewandowski, Z. 1-18634
- Kozlowski, R., Ziolkowski, J., Mocala, K., Haber, J. Defect structures in the brannerite-type vanadates. I. Preparation and study of $\text{MN}_{1-x}\text{V}_x\text{O}_{2-2x}\text{Mo}_2\text{O}_6$ ($0 \leq x \leq 0.45$) 1-34319
- Kozlowski, R. *see* Maciejny, A. 1-16895
- Kozma, A.A. *see* Palatnik, L.S. 1-2483
- Kozma, L. *see* Hamori, I. 1-767
- Kozma, L. *see* Nemet, B. 1-6294
- Kozma, L. *see* Rubinov, A.N. 1-1557
- Kozmanov, Yu.D., Spektor, A.D., Kagan, G.E. Internal oxidation and hydrogen permeability of palladium alloys 1-2695
- Koz'min, B.M. *see* Nikolaev, V.V. 1-9110
- Kozmutza, C. *see* Kapuy, E. 1-1093, 1-1103, 1-37111, 1-37112
- Kozochkin, S.M. *see* Anisimov, V.N. 1-33711
- Kozorin, L.G. *see* Isabae, S.M. 1-8285
- Kozubovskii, V.R., Perchi, Z.I., Romanko, G.D. Application of lasers in analysing the degree of atmospheric contamination 1-43843
- Kozubski, R. *see* Soltys, J. 1-52558
- Kozuka, Y. *see* Yamagata, K. 1-32802
- Kozuka, Z. *see* Otsuka, S. 1-3698, 1-42553, 1-48718
- Kozulina, A.T., Karmanov, V.I. Utilization of the frequencies of lattice vibrations of crystals for solving the inverse spectral problem of pyramidal XY₃ molecules 1-37179
- Kozyr, Yu.E., Prokopenko, G.A. Radiative decay of unbound states of ^{63}Cu 1-23585
- Kozyre, A.B. *see* Vendik, O.G. 1-25848
- Kozyre, A.V. *see* Antonov, V.V. 1-52580
- Kozyrev, V.A., Shenderov, E.L. Radiation impedance of a cylinder of finite height 1-19487
- Kozyrev, Yu.N. *see* Gabovich, M.D. 1-50269
- Kozyrev, Yu.P., Kozlovskii, K.I., Suslov, A.I., Tsybin, A.S. Comparative efficiency of lasers with various output wavelengths in a laser neutron source 1-28777
- Kozyreva, T.A., Koltun, M.M., Orshanskii, I.S. Calibration of standards for terrestrial measurements of solar-cell characteristics 1-13117
- Kozyukov, A.V. *see* Kiparenko, G.F. 1-46939
- Kraabel, J.S., Baughn, J.W., McKillop, A.A. An instrument for the measurement of heat flux from a surface with uniform temperature 1-36662
- Kraan, A.M. *see* van der see van der Kraan, A.M.
- Kraan, R. *see* Tammann, G.A. 1-9676
- Kraibell, A. *see* Dahl, W. 1-21540
- Krafft, W.-D. *see* Blumlein, J. 1-38059
- Kraemer, R.W. *see* Cho, Y. 1-33184
- Kraemer, R.W. *see* Derrick, M. 1-45261
- Kraemer, R.W. *see* DiBianca, F.A. 1-45343
- Kraemer, R.W. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Kraemer, W.P. *see* Thomas, L.D. 1-1306, 1-1329
- Kraepellen, T. *see* Brahme, A. 1-53902
- Kraevskii, S.L., Solinov, V.F., Shishmentseva, E.V., Evdokimova, T.F., Martazova, I.V. Electrochromism of phosphate glasses containing MoO_3 and TiO_2 1-16550
- Kraevskii, S.L. *see* Burkov, V.I. 1-43099
- Kraczyk, G. *see* Barish, B. 1-10192
- Krafft, G., Spiegel, H.J., Zahn, G. Suitability of commercial strain gauge pressure transducers for low temperature application 1-40772
- Kraft, A. The electrical conductivity of the Earth's core - extrapolation of experimental pressure and temperature dependence of electrical resistance 1-44101
- Kraft, E. *see* Wang, S.-T. 1-48881
- Kraft, J., Rodekohl, M. A temporal cross section specification of the demand for gasoline using a random coefficient regression model 1-21835
- Kraft, J.C., Kayan, I., Erol, O. Geomorphic reconstructions in the environs of ancient Troy 1-27164
- Kraft, J.M. Application of tensile ligament instability model of crack propagation to UKOSRP data on BS4360 grade 50D steel 1-39544
- Kraft, K. *see* Thieriet, T.E. 1-14144
- Kraft, M. *see* Lorenz, J. 1-17169
- Kraft, O.E., Naumov, Yu.V., Parzhitskii, S.S., Petrov, B.F., Sigalov, V.M., Sizov, I.V. Gamma decay of particle-plus-phonon resonances in ^{13}Cu 1-683
- Kraft, W., Petzow, G., Aldinger, F. Constitution of copper-rich dental amalgams 1-26424
- Kraftmakher, G.A. *see* Kazantsev, Yu.N. 1-15264
- Kragelskii, I.V., Rybakova, L.M., Nazarov, A.N. Assessment of the lubricant action of a medium from a parameter characterizing the structural state of a metal during friction 1-21595
- Krahl, D. *see* Herrmann, K.-H. 1-50279
- Krahl-Urban, B. *see* Niehus, H. 1-50285
- Krahn, F., Rittich, D. Measurements for optical communications systems at long wavelengths 1-19448
- Krahn, F. *see* Gladenbeck, J. 1-6688
- Kraiko, A.N. *see* Bogod, A.B. 1-2021
- Kraimer, M.B., Stozhkov, Yu.I. On the 22-year intensity cycle of galactic cosmic rays 1-36145
- Krainik, N.N. *see* Smolenskii, G.A. 1-21081
- Krainov, V.P. *see* Goreslavskii, S.P. 1-51172
- Krainyukova, N.V. *see* Kovalenko, S.I. 1-42479
- Kraiskil, A.V. *see* Zubov, V.A. 1-51424
- Krajewski, T. *see* Jaroma-Weiland, G. 1-34525
- Krakauer, H. *see* Ding-Sheng Wang 1-47727
- Krakhmal, V.I. *see* Demchuk, I.S. 1-16840
- Krakov, M.S. *see* Bashotov, V.G. 1-2091
- Krakovskiy, M.F. *see* Lapin, Yu. 1-39572
- Krakovskiy, M.G. *see* Kozel, S.P. 1-29157
- Krakov, W. Dark-field STEM imaging and diffraction calculations of heavy atoms on amorphous support films 1-2298
- Krakov, W. Methods for displaying defocus and astigmatism of high resolution STEM images 1-45078
- Krakov, W. Computer simulation of high-resolution electron micrographs using dynamical electron scattering 1-50276
- Krakov, W., Molzen, W., Jr., Speidel, J.L. Microgrids for electron microscopy 1-36770
- Krakov, W. *see* Tan, T.Y. 1-47076
- Krakov, W.T., Josephson, W.D., Deane, P.A., Williamson, D.L., Roberts, L.D. Pressure dependence of the Mossbauer isomer shift for metallic Sb and for Γ in K1. Systematics with atomic number of the pressure dependence of $|\psi(0)|^2$ 1-43052
- Krakov, W.T. *see* Roberts, L.D. 1-33428
- Krakovskiy, R.A. *see* Bort, L.A. 1-53696
- Krakovskiy, R.A. *see* Tai, A.S. 1-882
- Kral, A.H. *see* Meador, R.W. 1-50711
- Kral, E.L. *see* Hagler, M.O. 1-37415
- Kral, K. Temperature dependence of the infrared absorption in some TCNO salts 1-31133
- Kral, K. *see* Graja, A. 1-39066
- Kral, M. The ligand-ligand and spin-orbit interactions in $\text{Fe}(\text{phen})_3^{+2}$ and $\text{Ru}(\text{phen})_3^{+2}$ ions 1-14814

- Kalik, D., Jorne, J. Hydrogen evolution and zinc nodular growth in the zinc chloride battery 1-31866
- Kralik, M. see Behvazkh, F. 1-41114
- Krall, K.R., Antiochos, S.K. The evolution of active region loop plasma 1-44520
- Kramar, V.F. see Zakarin, E.A. 1-2101
- Kramarenko, N.L. Exciton band shift in spectra of weak donor-acceptor complexes with charge transfer 1-21215
- Kramarenko, P.F. A new technique for mapping high-voltage pulse electric fields 1-29163
- Kramarov, M.A., Orlov, E.D., Rybakov, A.B. Work of fracture as a criterion for determining the hardenability of steel 1-43497
- Kramarov, M.A., Rybakov, A.B., Dudnik, I.F., Balashov, S.A. A study of the correlation between mechanical properties and failure stresses for high-strength material spherical vessels 1-3933
- Kramer, B. see Moorjani, K. 1-30957
- Kramer, B. see Petri, K.D. 1-37106
- Kramer, C. see Goward, B.H.L. 1-11408
- Kramer, E.J., Freyhadt, H.C. The proximity effect in flux pinning 1-7782
- Kramer, E.J. see Connors, A. 1-53276
- Kramer, E.N., Shestaka, I.S. The afterglow mechanism for bright meteors (bolides) 1-9433
- Kramer, G. Verification of perturbative QCD in e^+e^- annihilation 1-28336
- Kramer, G. see Fabricius, K. 1-23509
- Kramer, G.M. see Horsley, J.A. 1-10794
- Kramer, H.D. see Bondarenko, V.A. 1-634
- Kramer, H.J. see Werner Schulze, G.E. 1-31488
- Kramer, L.R. see Pangborn, R.N. 1-31639, 1-31820, 1-52137
- Kramer, J.M., Dimelft, R.J. Modeling deformation and failure of fast reactor cladding during simulated accident transients 1-41183
- Kramer, K. see Zierski, J. 1-17503
- Kramer, M. see Lucks, K. 1-2243
- Kramer, M.A., Boyd, R.W. Three-photon absorption in Nd-doped yttrium aluminum garnet 1-39131
- Kramer, M.A. see Chung, S.U. 1-14423, 1-45362
- Kramer, N.D. see Bondarenko, V.A. 1-635
- Kramer, S.D. see Hurst, G.S. 1-1412
- Kramer, S.L. see Cohen, D. 1-33200
- Kramer, U. see Gohar, A.I. 1-20218
- Kramer, U. see Nghiep, D.M. 1-20232
- Kramer, U. see San Martin, A. 1-16912
- Kramers, H.C. see van Beelen, H. 1-47317
- Krametz, J.D. see Hawksworth, C.J. 1-40101
- Krametz, E. see Carloff, C. 1-46906
- Krametz, K.R. see Edmonds, E.W. 1-43971
- Krane, K.S. Gamma-ray angular correlations in the decay of ^{131}Ba 1-18592
- Krane, K.S. The falling raindrop: variations on a theme of Newton 1-40616
- Kranenburg, C. On the stability of turbulent density-stratified shear flow 1-29751
- Kranitzky, W., Ding, K., Seilmeier, A., Kaiser, W. Parametric generation of shortened, narrow-band picosecond pulses using a YAG-pump laser 1-6611
- Kranitzky, W., Kopainsky, B., Kaiser, W., Drexhage, K.H., Reynolds, G.A. A new infrared laser dye of superior photostability tunable to 1.24 μm with picosecond excitation 1-41691
- Kranitzky, W. see Kaiser, W. 1-15228
- Kranska, J., Matyila, S., Olszanski, S. No-service starting lead-acid accumulator 1-39763
- Krapchev, T. see Underhill, C. 1-35200
- Krapchev, V.B., Ram, A.K. Adiabatic theory for a single nonlinear wave in a Vlasov plasma 1-2189
- Krapchev, V.B., Ram, A.K. Adiabatic theory of current generation by non-linear waves in a Vlasov plasma 1-34067
- Krapivin, L.L. see Galiev, A.L. 1-26414
- Krapivskii, E.I., Kovalev, A.A. Effect of the emission peaks of scintillation detectors on shape of secondary spectra in the short and medium-wave energy regions 1-27286
- Krapivskii, E.I., Svinin, M.V. Theory of probes for X-ray radiometric logging in conditions of vesicular wells 1-27288
- Krappe, H.J. Review of models for fusion 1-50698
- Krappe, H.J. see Brosa, U. 1-15518
- Krappe, H.J. see Grossmann, S. 1-18679
- Krapur, P. see Nielsen, A. 1-12875
- Krasavin, I.A. see Polyakova, I.N. 1-30219, 1-30220
- Krasemann, H. Potential model estimates of f_v and f_{ps} 1-14376
- Krasemann, H. see Bigi, I.I.Y. 1-40987
- Krasensky, K. Determination of stacking fault energy by positron annihilation 1-2472
- Krasnikov, S.A. see Rubeko, L.A. 1-46333
- Kraschenko, V.P., Stasenko, V.E. Device for the investigation of strength of materials at various loading rates in a wide temperature range 1-31789
- Kraschenko, V.P. see Borisenko, V.A. 1-12824
- Krascheninnikov, M.V. see Chaplik, A.V. 1-12175
- Krascheninnikov, S.Yu., Rogal'skaya, E.G. Parameters of jets out of rectangular nozzles when they are free or near a screen 1-2045
- Krascheninnikov, S.Yu. see Danil'chenko, V.P. 1-6851, 1-15549
- Krasik, Ya.E. see Bystritskii, V.M. 1-51461
- Krasikov, K.I. see Bogdanovskaya, E.I. 1-26479
- Krasikov, L.A., Shvaiko-Shvaikovskii, V.E. High-temperature differential dilatometer 1-18235
- Krasil'nikov, M.D. see Belov, A.N. 1-7313
- Krasil'nikov, P.S. Fast non-resonance rotation of a satellite in the restricted three-body problem 1-32613
- Krasinikova, L.M. see Lavrentieva, L.G. 1-20591
- Krasinski, A. A Newtonian model of the source of the Kerr metric 1-32886
- Krasinski, J., Bauer, S.H., Kompa, K.L. Stimulated emissions from atomic iron generated by excitation of iron carbonyl 1-24085
- Krasinski, J. see Diegelmann, M. 1-19323
- Krasinski, J. see Glowaczewski, P. 1-11018
- Kraskovskii, R.A. see Dyn'kina, E.A. 1-37585
- Krasnaya, L.F. see Klimenko, Yu.G. 1-1974
- Krasnec, J.P. see Heidt, L.E. 1-40166
- Krasnec, L. see Remko, M. 1-1107
- Krasnicki, S. see Kosiorowska, J. 1-20401
- Krasnikov, N.V., Matveev, V.A., Rubakov, V.A., Tavkhelidze, A.N., Tokarev, V.F. Double- θ vacuum structure and the functional integral in the Schwinger model 1-18370
- Krasnikov, N.V., Matveev, V.A., Tavkhelidze, A.N. CP-invariance problem in quantum chromodynamics 1-36824
- Krasnikov, N.V., Tokarev, V.F. Chiral symmetry breaking in strong interactions as a new mechanism of spontaneous symmetry breaking in electroweak interactions 1-36827
- Krasnikov, V.V., Konstant, Z.A. Crystal structure of $\beta\text{-VO}(\text{PO}_3)_2$ 1-34303
- Krasnogolovets, V.V. Critical magnetic fields of the superconductor-exciton dielectric mixed phase 1-3119
- Krasnoperov, A.V. see Nekrasov, V.N. 1-52325
- Krasnoperov, L.N. see Braun, V.R. 1-44975
- Krasnopertsev, A.Yu. see Fedorov, K.N. 1-54274
- Krasnopertsev, V.V. see Akimchenko, I.P. 1-30780
- Krasnopol'skii, V.A., Parshov, V.A. Chemical composition of Venus' troposphere and cloud layer based on Venera 11, Venera 12, and Pioneer-Venus measurements 1-9403
- Krasnopol'skiy, V.M., Kukulin, V.I. A new method to describe the stripping to unbound states and other reactions with unstable particles 1-14506
- Krasov, A.E. Spatially invariant optical-signal filters based on volume holograms 1-1521
- Krasov, L.V. see Rubeko, L.A. 1-46333
- Krasov, K.A. see Tarboev, Yu.V. 1-23204
- Krasov, L.V., Yatsyshin, I.G. Device for recording the time distributions of coincidences in a multi-detector system 1-1032
- Krasov, N.N. see Anton'eva, N.M. 1-669
- Krasov, V.A., Kurepin, A.B., Oganessian, K.O., Porokhovoi, S.Yu., Razin, V.I., Shamsutdinov, Sh.G. Ultrasonic cleaning of wire-chamber electrodes 1-37058
- Krasov, V.A. see Akimov, Yu.K. 1-41115
- Krasov, V.A. see Barabanov, I.R. 1-45543
- Krasov, V.F., Remesnik, V.G. Mechanism of reversible photostructural transformations in As_2S_3 films 1-52445
- Krasov, V.F. see Budarynykh, V.I. 1-52568
- Krasov, Yu.K. Vortex generation on rough surfaces confining superfluid liquid 1-20491
- Krasov, Yu.K., Matyushkina, K.L. Helium II flow in narrow channels 1-2728
- Krasov, Y.S. see Kryukov, A.I. 1-26760
- Krasnova, N.F. see Botoshanskii, M.M. 1-25249
- Krasnova, V.A. see Kryukov, A.I. 1-26760
- Krasnovskii, A.A. see Kilimov, V.V. 1-17363
- Krasnushkin, P.E. Method of calculation of impedance in problems of waves in elastic media 1-29613
- Krasnyanski, G.E., Tsyashchenko, Yu.P. Contributions of different intermolecular potentials to the Davydov splitting of vibrational levels in crystals and site symmetry 1-15966
- Krasnyanskii, G.E. see Tsyashchenko, Tu.P. 1-48081
- Krasnyi, M.L. see Solov'ev, S.L. 1-13456
- Krasnyi-Admoni, L.V. see Rysinskaya, N.K. 1-28106
- Krasov, A.A. see Glikman, E.E. 1-26590
- Krasovitskii, B.M. see Volkov, V.M. 1-10998
- Krasovskaya, G.M. see Dikii, I.I. 1-53353
- Krasovskii, A.A. Appraising a steady-state field from a diffuse image 1-82
- Krasovskii, A.I. see Gedgovd, K.N. 1-2696
- Krasovskii, A.Ya., Vainstok, V.A., Ishchenko, D.A. The use of a quantitative analysis of fracture structure for rating the crack resistance of low-carbon steel 1-35374
- Krasovskii, V.S. see Basov, N.G. 1-6597
- Krasovskiy, V.I., Shagayev, M.V., Rapoport, Z.T. Ionospheric absorption and hydroxyl emission 1-4688
- Krassowski, W.N.K. see Bogdanow, W.W. 1-39302
- Krasulin, Yu.L. see Grevtsev, S.N. 1-53293
- Krasyuk, I.K. see Volyak, T.B. 1-24474
- Krasznaborkay, A. see Aray, Z. 1-28414
- Krasznaborkay, A. see Dombady, Z. 1-45424
- Krasznoszy, S. see Abdrhmanov, E.O. 1-722
- Krat, A.V. see Bergner, Yu.K. 1-9247
- Krat, V.A., Kokhan, E.K., Nuraliev, B.T. An investigation of solar line profiles obtained with a double-pass monochromator 1-9458
- Krat, V.A., Makarov, V.I., Tavastsherna, K.S. On the large scale brightness fluctuations in the solar atmosphere 1-36247
- Kratovich, P., Saxlova, M., Pesicka, J. The age hardening in copper with low concentration of titanium 1-21498
- Kratovich, P. see Dotsenko, V.I. 1-43353
- Kratovich, P. see Prochazka, O. 1-46975
- Kratovich, P.Z. see Tuzar, Z. 1-46177
- Kratowill, A., Vold, R.L. Proton and carbon nuclear magnetic relaxation in 2-bromothiophene 1-14940
- Kratovil, J.P. see Tentorio, A. 1-17115
- Kratschmer, W. see Knacke, R.F. 1-35974
- Kratz, J.V. see Gaggeler, H. 1-18666
- Kratz, J.V. see Poitou, J. 1-50619
- Kratzer, K. see Stary, J. 1-8594
- Kratzig, E., Orlowski, R. Reduction of optical damage effects in LiNbO_3 and LiTaO_3 1-12475
- Kratzig, E. see Orlowski, R. 1-19288
- Kratzig, W.B. On the structure of consistent linear shell theories 1-6773
- Krael, J. see Speed, M.A. 1-8976
- Kraus, A.D., Snider, A.D. New parametrizations for heat transfer in fins and spines 1-37919
- Kraus, G., Rollmann, K.W. Effects of domain and molecular orientations on the mechanical properties of a styrene-butadiene block polymer 1-34252
- Kraus, G. see Baier, H. 1-20246
- Kraus, J.S. see Tolk, N.H. 1-33420
- Krause, E. see Bartels, F. 1-42028
- Krause, H., Halim Demirci, A. Texture changes in the running surfaces of face-centred cubic metals as the result of frictional stress 1-12891
- Krause, H., Senuma, T. A study of the difference in material behaviour of two bodies rolling over one another under conditions of technically dry friction 1-48528
- Krause, H.F. Velocity-selected molecular beam study of rotational excitation in the reaction $\text{C}+\text{NO} \rightarrow \text{CN}+\text{O}$ 1-43652
- Krause, J.T., Kurkjian, C.R., Paek, U.C. Strength of fusion splices for fibre lightguides 1-51616
- Krause, J.T. see Chen, H.S. 1-20067
- Krause, K., Luthen, G., Schluter, H. Parametric decay near the lower hybrid frequency and its influence on ion temperature 1-29875
- Krause, L. see Skalskii, P. 1-6181
- Krause, M.O. Average L-shell fluorescence, Auger, and electron yields 1-14854
- Krause, M.O. see Carlson, T.A. 1-29038
- Krause, R. Interferometric measurement of the bending behavior of silicon pressure-measuring diaphragms 1-5371
- Krause, R. see Aikhaov, I.D. 1-28507
- Krause, W. see Volkmer, H. 1-32303
- Kraushaar, J.J. see Barnett, B.M. 1-23557
- Kraushaar, J.J. see Weiss, R.C. 1-50482
- Kraushaar, W.L. see Fried, P.M. 1-49755
- Krauss, A.R., Gruen, D.M. Suppression of sputter-induced erosion rate from alkali covered metal surfaces 1-24998
- Krauss, G. see Ando, T. 1-39338
- Krauss, G. see Bennett, J.M. 1-11057
- Krauss, G. see Craig, B.D. 1-26618
- Krauss, G. see Geib, M.D. 1-16814
- Krauss, G. see Huppi, G.S. 1-26499
- Krauss, G. see Korzekwa, D.A. 1-12818
- Krauss, M., Stevens, W.J. Electronic structure of the negative ion of HCl 1-37126
- Krauss, M. see Basch, H. 1-37264
- Krausse, G.J., Dalton, C.G., Sarjeant, J. Repetitive megamp microsecond di/dt pulsers for driving sub-ohm transmission line neutrino particle detectors 1-33368
- Krausz, A.S., Krausz, K. The theory of non-steady state fracture kinetics analysis. I. General theory of crack propagation 1-37844
- Krausz, A.S., Mshana, J., Krausz, K. The theory of non-steady state fracture kinetics analysis. II. Non-steady state crack propagation in stress corrosion cracking 1-37845
- Krausz, K. see Krausz, A.S. 1-37844, 1-37845
- Kraut, E.A. see Ewbank, M.D. 1-15238
- Kraut, W. von Baltz, R. 1-16315
- Krauthelm, G. see Reinhold, U. 1-7371, 1-30446
- Krautter, A. see Demers, S. 1-36387
- Krautter, J. see Appenzeller, I. 1-13767
- Krautter, J. see Bortle, J.E. 1-13788
- Krautter, J. see Klare, G. 1-9523
- Krautter, J. see Mundi, R. 1-40480
- Krautz, E., Haiml, G. Field ion microscopy of tantalum and niobium at low residual gas pressures 1-47302
- Krautz, E. see Gruber, H. 1-38821
- Krauya, U.E., Kurzemnieks, A.Kh., Pfafrod, G.O. Special features of the microdeformation of compact human bone tissue 1-49047

- Krauzman, M., Pick, R.M. The low frequency Raman spectrum in relation to the phase transition of $\text{KH}_2(\text{SeO}_3)_2$ 1-26187
- Kravchenko, A.F., Nazitsnev, V.V., Ovsyuk, V.N., Savchenko, A.P. Energy relaxation of hot photoelectrons in surface region of semiconductor 1-52606
- Kravchenko, A.F., Prints, V.Ya. Study of gallium arsenide deep centers by capacitance spectroscopy 1-25661
- Kravchenko, A.F. see Bobylev, B.A. 1-43098
- Kravchenko, A.F. see Morozov, B.V. 1-39174
- Kravchenko, A.I. see Chutov, Yu.I. 1-25095
- Kravchenko, G.I., Gurevich, V.L., Mochalina, L.P. A superregenerative detector 1-6738
- Kravchenko, I.P. see Baklanov, A.M. 1-48752
- Kravchenko, O.I. see Nevskii, O.B. 1-3489
- Kravchenko, S.G. see Potapov, I.I. 1-16997
- Kravchenko, V.A. see Musatenko, S.I. 1-22626
- Kravchenko, V.F., Gudkov, A.A., Karabut, E.K., Mikhailovskii, V.S. Segmented metal discharge tubes for pulsed gas lasers 1-24432
- Kravchenko, V.F. see Karabut, E.K. 1-33427
- Kravchenko, V.I., Opanasyuk, Yu.D., Smirnov, A.A. Sweep lasers based on organic dye solutions with coherent pulse excitation 1-41688
- Kravchenko, V.I. see Anisimov, V.Ya. 1-19497
- Kravchenko, V.S. see Zasimchuk, E.E. 1-35274
- Kravchenko, V.V., Markus, A.I., Krivobok, V.V., Velichko, N.I., Udovenko, V.F., Bondarenko, S.I., Sal'tevskii, G.I. Superconducting properties of niobium films subjected to ion-beam sputtering 1-20894
- Kravchuk, I.M. see Averkiev, V.V. 1-3490
- Kravchuk, I.M. see Bolesta, I.M. 1-43148
- Kravchuk, S.P. see Vaks, V.G. 1-7280, 1-7281
- Kravets, M.V. see Koltun, V.I. 1-19350
- Kravetskii, D.Y. see Azoyan, S.E. 1-31332
- Kravetskii, D.Ya., Zatulovskii, L.M., Egorov, L.P., Kopylov, V.A. Effect of die material on the properties of profiled silicon crystals 1-31333
- Kravetskii, D.Ya. see Egorov, L.P. 1-31331
- Kravetskii, D.Ya. see Tatarchenko, V.A. 1-2361
- Kravtsov, S.N. see Filipov, L.P. 1-52368
- Kravits, S.P., Haydon, S.C. Laser-induced optical-valence effects under prebreakdown conditions in neon 1-42231
- Kravtsov, A.V. see Dakhno, L.G. 1-40995
- Kravtsov, D.N. see Furmanova, N.G. 1-25248
- Kravtsov, N.V., Lariotsev, E.G. Optical nonreciprocity in media having a nonlinear refractive index 1-24452
- Kravtsov, N.V., Naumkin, N.I. Optical anisotropy in stimulated Raman scattering in gases 1-1650
- Kravtsov, N.V. see Isac, S.K. 1-11007
- Kravtsov, N.V. see Kornienko, L.S. 1-24438, 1-29304, 1-51497
- Krawczuk, B. see Schaefer, T. 1-51223
- Krawczak, J.A., Torok, E.J. A three mirror cavity for a magneto-optic light deflector 1-11078
- Krawczyk, S., Jakubowski, J., Ruzyllo, J., Korzec, D. Manufacturing of MIS-type solar batteries 1-39771
- Krawinkel, H. see Gorres, J. 1-23908
- Kray, H.-J., Nickel, B. Triplet lifetime and delayed fluorescence of azulene 1-28892
- Krazinski, J.L. see Bartisz, J.G. 1-45588, 1-50746
- Kremer, R. see Phillips, S.J. 1-44047
- Krebs, B., Sinram, D. Hafnium tetraoxide HfO_4 structure and properties. A new AB_2 structure type 1-34308
- Krebs, D., Scheerer, L.D. Absorption profiles for transitions to sodium Rydberg levels perturbed by high concentrations of argon 1-37144
- Krebs, J.J., Maisch, W.G., Prinz, G.A., Forester, D.W. Applications of magneto-optics in ring laser gyroscopes 1-1027
- Krebs, J.J. see Wauss, G.H. 1-7940, 1-12393
- Krebs, J.J. see Wagner, R.J. 1-7941
- Krebs, J.S. see Ioannidis, D.C.I. 1-26955
- Krebs, K. ESTI - European solar test installation. An introductory description 1-17157
- Krechel, L.E. see Shron, R.Z. 1-26484
- Krechel, V.G. Self-gravitating static massive vector field in general relativity 1-40687
- Krechel, V.G. Spinor field and nonmetricity of space-time 1-50011
- Kreff, G.B. Radiation annealing studies in ion bombarded MgO 1-11794
- Krefman, R.A. Working distance comparison of plus lenses and reading telescopes 1-44043
- Kregar, M. see Budnar, M. 1-28134
- Kreger, A.F. Determination of the deformational properties of a composite material reinforced with a sterically-curvilinear reinforcement 1-12782
- Kreger, W.E. see Murphy, T.D. 1-28744
- Krelewski, M. see Brittain, R. 1-29010
- Krehbiel, H. see Bartel, W. 1-18500, 1-45253, 1-45254
- Krehbiel, H. see O'Neill, L.H., Jr. 1-50443
- Kreher, K. see Thustel, F. 1-30666
- Kreicherek, A.Ya. see Sinyakov, E.V. 1-31106
- Kreichirzhikova, L.A. see Chechetkin, A.V. 1-52208
- Kreider, K.G., Sheahan, T.P. Use of infrared thermography for industrial heat balance calculations 1-18233
- Kreil, H., Richter, H. Non-destructive testing of threaded fasteners 1-35470
- Kreilick, R.W. see Thieret, T.E. 1-14144
- Kreimer, C. see Alberto, J.A. 1-22175
- Kreimer, G.S. see Romanova, N.I. 1-12865
- Kreindel, Y.E. see Grudzev, V.A. 1-31318
- Kreindel, Yu.E. see Belyuk, S.I. 1-25079
- Kreindel, Yu.E. see Bugaev, S.P. 1-36769
- Kreiner, A.J. $\pi\hbar/2$ and $\pi\hbar/3$ bands in doubly odd Tl isotopes including a proton-neutron interaction 1-23545
- Kreiner, A.J., Mariscotti, M.A.J., Baktash, C., der Mateosian, E., Thieberger, P. Structure in ^{200}Tl and the odd-even staggering in $\pi\hbar/2$ and $\pi\hbar/3$ bands 1-45407
- Kreiner, W.A. see Magerl, G. 1-24140
- Kreinek, D.L. see Bebek, C. 1-33191
- Kreinek, D.L. see Chadwick, K. 1-33192
- Kreis, T.M. see Kreitlow, H. 1-14173
- Kreische, W. see Barfuss, H. 1-3310
- Kreisel, E. Einstein's field theory with teleparallelism and Dirac's electrodynamics. III. (Static, spherically symmetric solution of the approximated field equations) 1-123
- Kreisel, E. Einstein's field theory with teleparallelism and Dirac's electrodynamics. IV. (The electron as a wormhole) 1-36355
- Kreistler, M. see Cockerill, D. 1-14742
- Kreistler, M.N. see Lomanno, F. 1-14426
- Kreistler, M.N. see Wise, J. 1-28316
- Kreistler, P., Tietz, W., Bethge, K. Measurement of the density of a gas jet by light scattering 1-23184
- Kreith, F., Kearney, D., Bejan, A. End-use matching of solar energy systems 1-17300
- Kreith, F. see Wyman, C. 1-8746
- Kreitlow, H., Kreis, T.M. Automatic evaluation of Young's fringes related to the study of in-plane deformations by speckle techniques 1-14173
- Kreitlow, H. see Beek, M.A. 1-29230
- Kreitlow, H. see Kries, T.M. 1-15105
- Kreitzer, M.H. see Betensky, E.I. 1-50251
- Krejel, V. see Pekarek, L. 1-38171
- Krejov, K., Bidikov, S., Brankov, J., Sidjimov, B. Evidence from high-temperature susceptibilities of the Heisenberg model ferrimagnet RbNiF_3 1-12268
- Krell, A. Alumina structure with improved fracture properties 1-53274
- Krelowski, J., Strobel, A. Circumstellar matter in young clusters. III. Diffuse lines in optical region 1-17881
- Kremen, A. Coding of Gibbs function flows from nucleotide pools 1-39863
- Kremenchugskii, L.S., Ksanfomaliti, L.V., Samoilov, V.B., Sklyarenko, S.K. Radiation detectors for IR radiometers in unmanned interplanetary space stations 1-10016
- Kremenetski, M.D., Leont'eva, N.V. Applicability criterion for the ideal-gas model in calculations of the transonic flow of two-phase media 1-29763
- Kremenitski, V. see Khizhnyak, A. 1-19386
- Kremenitskii, M.D. One algorithm for the numerical modeling of interrupted flows in axis-symmetrical channels 1-6893
- Kremer, E.B., Nagaev, R.F. On the interaction between a particle and a spherical bubble at low Stokes numbers 1-3799
- Kremer, E.B. see Gusinski, G.M. 1-11451
- Kremer, G.M., Shih Liu, I. Thermodynamics of fluid-solid mixtures 1-34489
- Kremer, K., Baumgartner, A., Binder, K. Monte Carlo renormalization of hard sphere polymer chains in two to five dimensions 1-34213
- Kremer, M. see Dosch, H.G. 1-10182
- Kremer, R.I. see Gusinski, G.M. 1-11451
- Kremer, R.I., Bernard, W. Walther's astronomical observation 1-2757
- Kremmling, H. see Buchinger, F. 1-628
- Kremnev, S.S., Zabezhinski, A.Ya. Development and selection of heat-resistant tool steels for water-cooled dies 1-48386
- Kremnev, R.S. see Avduvskii, V.S. 1-9396
- Kremnev, V.A. see Sumin, A.V. 1-44045
- Krempek, J. see Patra, V. 1-52610
- Krempel, E. see Kujawski, D. 1-35311
- Krendel, F.P. What does BAP offer petrology? What does petrology offer BAP? 1-13454
- Krendel, F.P., Zhmodik, S.M., Mironov, A.G. Identification of native gold in Witwatersrand conglomerates with the aid of the radioisotope Au^{195} 1-43444
- Krendelova, A.I. see Paton, B.E. 1-31505
- Krenev, V.A. see Peshev, P. 1-31897
- Krenovicene, M.J. see Kimitys, L.L. 1-17050
- Krenos, J. see Bel Bruno, J. 1-1326
- Krentsis, R.P. see Barmin, S.M. 1-20704
- Krenz, W. see Barber, D.P. 1-534, 1-28309
- Krenz, W. see Blitsch, J. 1-10190
- Krepelkova, H. The application of holographic interferometry to the analysis of composite materials structure 1-15097
- Krepelova, O. see Boos, E.G. 1-5661
- Kreplin, R.W. see Doschek, G.A. 1-9443
- Kreplin, R.W. see Feldman, U. 1-49588
- Kreplin, R.W. see Horan, D.M. 1-4842
- Krepinstov, P.I. see Vinokurov, G.N. 1-6548
- Krepiski, R.P., Laughlin, D.E. The role of interface energies in galvanized coating development 1-12932
- Krepiski, R.P. see Jantzen, C.M. 1-26510
- Kresak, L. Three-dimensional distributions of minor planets and comets 1-44469
- Kresakova, M. The summer ecliptical meteor showers and comet Lexell 1-36217
- Kress, J.W., Norbeck, J.M. On the relative intensities of the UV transitions in HOCl and $\text{HOCl}\cdot\text{H}_2\text{O}$ 1-6275
- Kress, M. see Kappraff, J. 1-42159
- Kress, R. A boundary integral equation method for a Neumann boundary problem for force-free fields 1-27797
- Kress, R. see Colton, D. 1-51648
- Kress, T.S. see Wright, A.L. 1-10482
- Kress, W., Grimm, H., Press, W., Lefebvre, J. Lattice vibrations in lithium nitride, Li_3N 1-25388
- Kress, W. see Guntherodt, G. 1-48080
- Kress, W. see Sommer, R. 1-42482
- Kress-Rogers, E. see Nicholas, R.J. 1-12196
- Kress-Rogers, E. see Portal, J.C. 1-47684
- Kresse, H., Wiegeler, A., Demus, D. Dielectric relaxation in nematic, smectic A and C phases in the MHz region 1-21123
- Kressel, H. Materials for heterojunction devices 1-37513
- Krestovskii, V.V. see Fedorov, A.M. 1-292
- Krestu, T. see Budzyak, A.V. 1-45466
- Kretschmar, J.G., Mertens, I. Influence of the turbulence typing schemes upon the yearly average ground-level concentrations calculated by means of a mean wind direction model 1-17643
- Kretschmar, U. see Hennig, H.-P. 1-20395
- Kreussler, S., Varelas, C., Brandt, W. Target dependence of effective projectile charge in stopping powers 1-38417
- Kreutle, U. see Berneke, W. 1-31834
- Kreuter, N.M. see Ravishankara, A.R. 1-36027, 1-53412
- Kreutz, E.W., Rickus, E., Sotnik, N. The effect of temperature on the stoichiometry of $\text{InSb}(110)$ surfaces 1-47346
- Kreutz, E.W., Rickus, E., Sotnik, N. The defect structure of $\text{InSb}(110)$ surfaces 1-52627
- Kreutz, H., Son Dao Trong An all-round sound-level analyzer 1-24616
- Kreutz, R., Neuwirth, W., Pietsch, W. Analysis of electronic stopping cross sections of organic molecules 1-24222
- Kreutz, R., Neuwirth, W., Pietsch, W. Electronic stopping cross sections of liquid organic compounds for 200-840-keV Li^+ ions 1-25342
- Kreuwel, H.J.M. see Flokstra, J. 1-287
- Kreuzer, H. see Diaz Arrivallaga, A. 1-53543
- Kreuzer, H.J. Quantum statistical theory of adsorption and desorption of a gas at a solid surface 1-16187
- Kreuzer, H.J., Lowy, D.N., Gortel, Z.W. Rate equations for positronium formation at metal surfaces 1-30141
- Kreuzer, H.J. see Gortel, Z.W. 1-38651
- Kreuzer, K.G., Miller, H.G., Berger, W.A. Modification of the extended (2,2) algorithm by a variational principle 1-44779
- Kreuzer, K.G., Miller, H.G., Berger, W.A. The Lanczos algorithms for self-adjoint operators 1-44784
- Kreuzer, K.G. see Berger, W.A. 1-19010
- Kreuzer, M. Programmable precision measuring instrument with standards, class accuracy suitable for universal application in strain gauge measurements 1-23214
- Krewald, S., Osterfeld, F., Speth, J., Brown, G.E. Nuclear-structure effects connected with charged-exchange resonances 1-33250
- Krey, L.C. see McEwen, B.S. 1-27037
- Krey, Th. Mapping nonreflecting velocity interfaces by normal movement velocities of underlying horizons 1-4441
- Krey, U. see Stein, J. 1-42736
- Kreye, H. see Brenner, U. 1-43472
- Kreyman, K.D., Karlin, L.N. Laboratory simulation of the thermal structure of the upper ocean layer 1-54136
- Kreysa, E., Pauliny-Toth, I.I.K., Schultz, G.V., Sherwood, W.A., Witzel, A. Millimeter continuum observations of flat spectra radio sources 1-13872
- Kreysch, G. see Zierski, J. 1-17503
- Kreysig, D. see Bendig, J. 1-41389, 1-41422
- Kreyskop, L.M. see Aleksandrov, Yu.A. 1-5634
- Krhalic, D. see Markovic, T. 1-17060
- Kribel, R.E. see Leung, K.N. 1-6979
- Krichkevits, Yu.I. see Dutchak, Ya.I. 1-2327
- Krichinsky, A.M. see Armento, W.J. 1-18871
- Krichinsky, A.M. see McEvers, J.A. 1-18759
- Krick, M.S. see Swansen, J.E. 1-18978
- Krider, E.P., Noggle, R.C., Pifer, A.E., Vance, D.L. Lightning direction-finding systems for forest fire detection 1-44302
- Krider, E.P. see Weidman, C.D. 1-36032
- Krider, J. see Bromberg, C. 1-10266, 1-45364

- Kriebel, K.T. Calibration of the METEOSAT-VIS-channel by airborne measurements 1-40202
- Krieg, H. see Dorner, P. 1-53155
- Krieg, J. see Guntherodt, H.J. 1-25619
- Krieg, J. see Oelhafen, P. 1-48238
- Krieg, R.D., Son, J.E., Flumerfelt, R.W. A new method for surface shear viscosity measurements: decay of surface motions at a rotated gas-liquid interface 1-38621
- Kriegel, U. see Gensch, U. 1-595
- Krieger, C.I. see Kim, S.H. 1-51992
- Krieger, H. see Gunther, W. 1-23636
- Krieger, J.K. see O'Brien, R.E. 1-41198
- Krieger, R., Voilander, J. Calculation of the Knight shift in palladium 1-26061
- Krieger, T.J. see Buslik, A.J. 1-5922
- Krieger, U. see Jeitschko, W. 1-31328
- Krieger, W. see Frenkel, F. 1-33497
- Kriegseis, W., Scharmann, A. Toxicity determination of quartz and coal mine dust by thermoluminescence 1-8141
- Kriegseis, W. see Kottler, W. 1-968
- Kriegsmann, G.A. On the scattering of plane electromagnetic waves off spherically confined cold plasmas with overdense and steep densities 1-51924
- Kriek, D.M. see Schick, W.C., Jr. 1-43636
- Krien, K. see Girshick, F. 1-28384
- Krien, K. see Lopes, J.S. 1-24234
- Kriens, R.F.C., Lodewijk, M. Measurement of vectorial displacements with the aid of a threefold holographic interferometer system 1-233
- Kries, T.M., Kreitlow, H. Quantitative evaluation of holographic interference patterns under image processing aspects 1-15105
- Kriesche, H., Zankel, H. Off-shell sensitivity of the Coulomb corrections in π^+ -p-scattering 1-28344
- Kriezi, E.E. see Georgiadis, G.I. 1-41540
- Krigel, A.M. The theory of the index cycle in the general circulation of the atmosphere 1-54178
- Krigel', V.G. see Biryulin, Yu.F. 1-26370
- Kruger, A.I. see Sukhovskii, A.A. 1-2557
- Kruger, L.R. see Grin, V.P. 1-22248
- Krijl, G. see van de Berg, J.F.M. 1-35194
- Krijl, G. see Van de Leest, R.E. 1-12933
- Krikorian, R.A. see Arutyunyan, G.A. 1-9522
- Krikora, Yu.A. see Kvasha, A.N. 1-16821
- Krikunov, A.I. see Gulyaev, Yu.V. 1-29501
- Krikunova, E.M. see Zverev, V.A. 1-37392
- Krill, T.F. see Hagler, M.O. 1-37415
- Krill, G., Abadi, L., Ravet, M.F., Kappeler, J.P., Meyer, A. Anomalous temperature behaviour of the mixed valence state of CePd₃ studied by XPS 1-12072
- Krill, G., Amamou, A., Berrada, A., Durand, J., Hassanain, N. Mixed valence state of Sm on the surface of amorphous La₈₀₋₁Sm₁Au₂₀ alloys 1-30799
- Krill, G. see Amamou, A. 1-25620
- Krill, G. see Chandesar, D. 1-52476
- Krill, J.A., Andree, R.H. Vector stochastic variational principles for electromagnetic wave scattering 1-29173
- Krimigis, S.M. see Hamilton, D.C. 1-17783
- Krimigis, S.M. see Lanzertotti, L.J. 1-17784, 1-32585
- Krimma, S., Cheam, T.C. Mixed-crystal infrared studies of chain organization in solution-crystallized polyethylene 1-38297
- Krimmel, J.E. see Lubard, S.C. 1-13600
- Krinchik, G.S., Nikitin, L.V., Lazarev, E.M., Korotkov, N.A., Bondarenko, G.G. Formation of a ferromagnetic layer on the surface of structural materials for thermonuclear reactors 1-41231
- Krinchik, G.S. see Valiev, U.V. 1-52924
- Krinchik, G.S. see Zubov, V.E. 1-43102
- Krindach, D.P. see Vinogradova, A.A. 1-37492
- Kriner, T. see Schmitt-Thomas, K.G. 1-53329
- Krinetskii, I.B. see Nikolov, O.N. 1-34880
- Krings, F. see Engelmann, P. 1-877
- Krinitzin, A.N. see Abramov, V.V. 1-596
- Krinitzin, L.V. see Gubonin, N.S. 1-54344
- Krinsley, D.H. see Tovey, N.K. 1-45084
- Krinchik, G.S. see Lazarev, E.M. 1-35259
- Kripal, R. see Misra, B.N. 1-52834
- Kripfganz, J. Comments on higher order QCD corrections to the Drell-Yan formula 1-40964
- Krippa, L.J., Center, B.M., Long, R.L. TMI radioactive material release pathways 1-18791
- Krisch, A.D. see Crabbe, D.G. 1-14413
- Krisch, A.D. see Crosbie, E.A. 1-45340
- Krisciunas, K. The luminosity functions of the 1969 Perseid and Orionid meteor showers 1-44513
- Krishna, K. Kinetics of void-lattice formation in metals 1-7164
- Krishna, K. Significance of fluctuations in the evolution of voids during irradiation 1-42419
- Krishna, K. see Sahu, H.K. 1-7166
- Krishna, V. Plasma acceleration by ion-acoustic turbulence 1-36225
- Krishna, V. see Gopalaswamy, N. 1-22674
- Krishberg, R.R. Evaluation of the effect of current-conducting walls on the profile of the velocity over the channel of induction MHD pumps 1-2096
- Krishberg, R.R., Romanchuk, A.A. Indication of the fluctuation of the velocity in induction MHD pumps by measurement of the secondary inductance 1-299
- Krishen, K., Sampel, T.K., Brown, W.E., Jr. Advanced synthetic aperture radar for remote sensing 1-32568
- Krishna, D.V., Prasada Rao, D.R.V. Hydromagnetic Ekman layer over an oscillatory porous plate 1-34017
- Krishna, D.V. see Prasada Rao, D.R.V. 1-24890
- Krishna, G.G. see Murthy, I.V.R. 1-27065
- Krishna, J.G., Jayaraj, M., Sobhanadri, J. Evaluation of dielectric parameters for dilute solutions at microwave frequencies using a numerical curve fitting technique 1-52888
- Krishna, K. The Planetary-Boundary-Layer model of Ellison (1956) - a retrospect 1-49315
- Krishna, K. see Paramash, S.S. 1-27221
- Krishna, K. see Ramachandran, G. 1-44266
- Krishna, K.V. see Dawar, A.L. 1-7643, 1-38873
- Krishna, P. see Kuhlmann-Wilsdorf, D. 1-20233
- Krishna Moorthy, K. see Raghava Reddi, C. 1-13637
- Krishna Murthy, B.V. Laser techniques of atmospheric probing 1-49427
- Krishna Murthy, B.V. see Parameswaran, K. 1-54310
- Krishna Murthy, B.V. see Raghava Reddi, C. 1-13637
- Krishna Murty, A.V., Raman, A. Non-linear dynamic analysis of rotors by finite element method 1-6812
- Krishna Murty, L. Wave disturbances over east China Sea (AMTEX area) during AMTEX 75 1-22441
- Krishna Murty, M.V. see Srinivasan, K. 1-44932
- Krishna Murty, T.S.G., Prasad, L.S.R.K., Kondala Rao, M. On the normal vibrations of nonrigid molecule B(CH₃)₃ 1-33462
- Krishna Pillai, M.G. see Paul, N. 1-48008
- Krishna Prasad, K. see Ventkateshan, S.P. 1-29663
- Krishna Rao, C.V. Rama see Rama Krishna Rao, C.V.
- Krishna Rao, D.V. see Gnanaswara, Rao, K.V.S. 1-46716
- Krishna Rao, K., Basheer Ahmed, S., Natarajan, R., Gupta, M.C. An experimental investigation of comparative performance of a header-type compound parabolic concentrator and a flat-plate collector 1-17263
- Krishna Rao, K.V. see Kistaiah, P. 1-30381, 1-38560, 1-38561, 1-47261
- Krishna Rao, P. Life history of the 12 May 1979 tropical cyclone as seen by TIROS-N satellite 1-22434
- Krishna Swamy, K.S. see Shah, G.A. 1-49745
- Krishnaiah, U. Anantha see Anantha Krishnaiah, U.
- Krishnakumar, E. see Kumar, V. 1-51242
- Krishnamoorthi, R. see Wurrey, C.J. 1-19097
- Krishnamurthy, A., Chandra, R., Lokanathan, S. Pulse height analyzer for high counting rate in Mossbauer work 1-28815
- Krishnamurthy, A., Srivastava, B.K., Lokanathan, S. On the sign of quadrupole coupling constant in vermiculite 1-12080
- Krishnamurthy, N. see Kesavasamy, K. 1-47194, 1-52216
- Krishnamurthy, S., Goldberg, W.I. Kinetics of nucleation in a binary liquid mixture 1-16049
- Krishnamurthy, S.S. see Sridharan, K.R. 1-26071
- Krishnamurthy, T.G. Manufacture of medical electronic equipment in India 1-17510
- Krishnamurti, T.N., Pasch, R.J., Ardanuy, P. Prediction of African waves and specification of squall lines 1-9228
- Krishnamurty, G. see Jones, W.E. 1-1246
- Krishnan, A., Rajan, S.C. A note on resonance 1-17993
- Krishnan, G.N., Wood, B.J., Cubicciotti, D. Auger electron spectroscopy study of the chemisorption of iodine on zirconium 1-35571
- Krishnan, G.N., Wood, B.J., Cubicciotti, D. Auger electron spectroscopic study of oxidation of zirconium 1-48572
- Krishnan, K.S., Nokes, M.A., Poulsen, R.S., Shah, U.B. Reconstruction of surface slopes from photographs of the ocean 1-22543
- Krishnan, M., Geva, M., Hirshfield, J.L. Plasma centrifuge 1-34126
- Krishnan, R. see Frisch, M.J. 1-6170
- Krishnan, R. see Seetharaman, V. 1-53193
- Krishnan, R. see Suran, G. 1-12363
- Krishnan, R. see Vohra, Y.K. 1-38449
- Krishnan, R. see Whiteside, R.A. 1-46188
- Krishnan, R.S., Shankar, R.K. Progress of research on the Raman effect: a statistical analysis 1-27692
- Krishnan, V.G. see Massacesi, M. 1-24174
- Krishnan, V.M.R., Mutoh, Y., McEvily, A.J. An analysis of crack extension in creeping solids 1-37849
- Krishnan, V.V. see Stark, L. 1-35771
- Krishnappe, G. Cross-spectral method of measuring acoustic intensity by correcting phase and gain mismatch errors by microphone calibration 1-37739
- Krishnaswami, S. see Cochran, J.K. 1-44163
- Krishnaswami, S. see Hussain, N. 1-26859
- Krishnaswamy, S.V. see Lo, C. 1-21347
- Krishtal, M.A., Epshtein, L.E. Physical characteristics of crack nucleation and growth 1-42455
- Krishtal, M.A., Kozlov, V.F. Contact phenomena and their effect on the strength of titanium-steel joints 1-17021
- Krishtal, M.A., Makarkin, B.D. Kinetic singularities of the displacement of a layer of intermetallics precipitated on the original surface in binary alloys during diffusion phenomena 1-38601
- Krishtal, M.A., Sergeev, N.N., Ageev, V.S., Izvol'skii, V.V. The physicochemical properties of 20GS2 steel after holding under stress in a solution of nitrates 1-35447
- Krishtal, M.A., Volkov, A.I. Kinetics of the closure of pores and microcracks in a diffusional flux 1-2694
- Krisluk, E.M. see Karpov, V.I. 1-22135
- Kriss, G.A., Canizares, C.R., Ricker, G.R. X-ray observations of Seyfert galaxies with the Einstein observatory 1-44623
- Kriss, G.A., Cominsky, L., Remillard, R. 4U 0115+63 1-17912
- Kristensen, I.K. Decay of photoluminescence in GaP:N 1-39146
- Kristensen, K. see Vinberg, N. 1-43950
- Kristensen, L. see Peterson, E.W. 1-49316
- Kristensen, L.K. (1538) Detre=1980 SK 1-27414
- Kristensen, L.K. Equator and equinox of FK4 by 2240 observations of (51) Nemausa 1-32604
- Kristensen, L.K. (1537) Transylvania 1-40373
- Kristensen, P. see Hammarstrom, R. 1-14739
- Kristian, J. see Young, P. 1-22924
- Kristiansen, M. see Coleman, P.D. 1-2247
- Kristiansen, M. see Thompson, J.E. 1-7013
- Kristiansen, N.A. see Bak, B. 1-51184
- Kristiansen, U.R. Experiments on effective source locations and velocity dependence of the broad band noise from a rotating rod 1-24621
- Kristjansson, K.S. see Hunter, T.F. 1-10823
- Kristof, E. see Cviki, B. 1-7079
- Kristof, M. see Magyar, M. 1-801
- Kristof, S.J., Baumgardner, M.F., Weismiller, R.A., Davis, S. Application of multi-spectral reflectance studies of soils: Pre-Landsat 1-9299
- Kristof, S.J. see Kiefer, L.M. 1-9160
- Kristof, S.J. see Lund, L.J. 1-9161
- Kristoffel, N.N., Gulbis, A.V. The bulk photovoltaic effect in a vibronic ferroelectric 1-20796
- Kristy, M.J., Burdick, L.J., Simpson, D.W. The focal mechanisms of the Gazi, USSR, earthquakes 1-53991
- Kristy, M.J., Simpson, D.W. Seismicity changes preceding two recent central Asian earthquakes 1-13405
- Kristya, V.I. see Kosachevskii, L.Ya. 1-15063
- Kritikos, H.N. Effects of soil moisture on correlation lengths of scattered fields from bare ground 1-32480
- Kritikos, H.N., Shine, J. The use of microwaves in space survey work 1-33054
- Kritskii, V.A. see Pop, S.S. 1-38739
- Kritsuk, G.S. see Ochuk, A.P. 1-27276
- Krivaneck, O.L. High resolution studies of glass-crystal interfaces 1-16193
- Krivchenko, I.V., Timofeevskaya, O.D. Solution of the Schrodinger equation by unitary iterations 1-14045
- Krive, I.V. On the condensation of axial-vector mesons in nuclear matter 1-18577
- Krive, I.V., Rozhavskii, A.S. On the theory of anomalous conductivity in quasi-one-dimensional systems with charge density wave in low-temperature region 1-20710
- Kriven, W.M. see Evans, A.G. 1-39335
- Krivenko, L.F. see Boiko, V.S. 1-42457
- Krivenko, T.A. see Sheka, E.F. 1-17965
- Krivenko, V.M., Tai'ko, I.I., Mel'nik, K.P., Klyukov, V.I. Strength of bone tissue of the thigh-bone cap under reduced blood supply conditions 1-32177
- Krivenkov, B.E., Chugui, Yu.V. Investigation of two-dimensional binary edge contouring of opaque objects 1-46239
- Krivenyuk, V.V., Avramenko, D.S. Method for evaluating the long-term strength properties of refractory materials 1-39388
- Krivenyuk, V.V. see Bugai, N.V. 1-39391
- Krivitskii, V.P. see Nemoshkalenko, V.V. 1-35122
- Krivka, I. see Ketis, B.P. 1-20827
- Krivobok, V.V. see Kravchenko, V.V. 1-20894
- Krivoglas, M.A. see Barabash, R.I. 1-2425
- Krivoglas, M.A. see Dykman, M.I. 1-23113, 1-27878
- Krivoruchko, S.M., Bashko, V.A., Bakai, A.S. Experimental investigation of the correlation effects in relaxation of an electron beam in plasma 1-51962
- Krivoruchko, S.P. see Kalaidzhan, S.E. 1-21667
- Krivoruchko, V.N., Yablonskii, D.A. On the problem of calculating the Bogolyubov U-V transformation coefficients 1-47836
- Krivoshapkin, P.A. see Filippov, A.T. 1-36137
- Krivoshapkin, P.A. see Grigor'ev, V.G. 1-36138

- Krivoshchekov, G.V., Samarin, V.I. Effect of aberrations of an optical shaping system on non-linear transformation of laser light 1-29307
- Krivoshchekov, G.V., Samarin, V.I., Struts, S.G., Stupak, M.F. Intracavity second harmonic excitation in a ring laser with an external signal 1-6587
- Krivoshchekov, G.V., Struts, S.G., Stupak, M.F. Stimulated-thermal-scattering spectrum with wavefront inversion 1-33765
- Krivoshchekov, V.K. see Arefeva, I.Ya. 1-50329
- Krivoshchev, S.I. see Botcharov, U.N. 1-33021
- Krivoshin, D.A., Sobol', I.A., Mauraich, M.A., Dergunova, V.S., Petrov, Yu.N. Wetting of carbon materials by the eutectic ZrB_2 -Si-C alloy 1-39297
- Krivoshya, V.G. see Burkov, V.A. 1-54131
- Krivoshlykov, S.G., Sisakyan, I.N. Pulse dispersion in longitudinally inhomogeneous multimode optical waveguides with a parabolic transverse refractive-index profile 1-33802
- Krivoshlykov, S.G., Sisakyan, I.N. Optical beam and pulse propagation in inhomogeneous media. Application to multimode parabolic-index waveguides 1-10921
- Krivoshlykov, S.G., Sisakyan, I.N. Light propagation in an inhomogeneous optical medium 1-19430
- Krivov, M.A. see Brudnyi, V.N. 1-25319, 1-25326
- Krivskii, I.Yu. On a strong continuity on the field and its powers. I 1-50332
- Krivtsov, I.V. see Petrov, S.V. 1-25080
- Kriz, K., Kleinlein, F.W. Influence of the testing rate of slow crack growth in alumina with different grain sizes 1-4011
- Kriz, S., Arsenijevic, J., Grygar, J., Harmanec, P., Horn, J., Koubsky, P., Pavlovski, K., Zverko, J., Zdrasky, F. Strongly interacting binary RX Cas 1-40529
- Kriz, S. see Harmanec, P. 1-9527
- Krizan, J.E. Time-symmetric, approximately relativistic particle interactions and radiation 1-23029
- Krizan, P., Kuscer, I. Influence of adsorption upon sound reflection 1-2792
- Krizek, J. see Colbourne, D. 1-31312
- Krmpotic, F. On charge-exchange Gamow-Teller and dipole resonances in ^{90}Zr 1-33249
- Kroboth, M.E. see Pfeiffer, H.G. 1-39726
- Krocek, P. The dynamics of Langmuir solitons in the presence of ion-sound damping 1-42170
- Kroch, E. Estimating long-run marginal cost for mineral deposits—the case of uranium 1-26810
- Krochmann, J., Rattunde, R. A new definition of the candle 1-18280
- Krochmann, J. see Geutler, G. 1-8911, 1-9064, 1-14168
- Krochuk, A.S. see Blonskii, I.V. 1-2887
- Kroebel, W. A temperature sensor with high resolution and a time constant of 1...1.5 ms for in-situ application in oceanography and other domains 1-9270
- Kroeger, D.M. see Koch, C.C. 1-20933, 1-30869
- Kroeker, R.M., Kaska, W.C., Hansma, P.K. Vibrational spectra of carbon monoxide chemisorbed on alumina-supported nickel particles: a tunneling spectroscopy study 1-46227
- Kroemer, H. see Latif, S.M. 1-47626
- Kroenke, L.W. see Furukawa, K. 1-32390
- Kroenke, L.W. see Gettrust, J.F. 1-22288
- Kroger, B. see Diddens, A.N. 1-14747, 1-23998
- Kroger, B. see Eickhoff, J. 1-14750
- Kroger, B. see Jonker, M. 1-10194, 1-14432, 1-45258
- Kroger, D.G. see Erens, P.J. 1-23716
- Kroger, F.A. see Wang, H.A. 1-38595
- Kroger, H. Finite particle density increase effects in the Lee-Wick model 1-18552
- Kroger, H. Hilbert space approach to the three- and four-nucleon systems 1-50562
- Kroger, H., Scheid, W. Classical dynamical description of heavy-ion sequential fission 1-10394
- Kroggel, O. see Balzer, R. 1-25259
- Kroggel, R. see Fabian, H.-G. 1-26472
- Krogh, J. von see von Krogh, J.
- Krogh, O.D. see Cook, G. 1-48703
- Krogh-Jespersen, K. see Rava, R.P. 1-41449
- Krogh-Jespersen, M.-B. see Whiteside, R.A. 1-46188
- Krogh-Moe, J. see Ihara, M. 1-20171
- Krogness, J.C., Cantley, D.A., Davis, R.B., Fish, R.L., Almasy, M.Y. Survey test of canister, geology, and fuel cladding material interactions 1-5918
- Krogness, J.C. see Stellrecht, D.E. 1-23821
- Krogulski, T. see Ganzpor, D. 1-23697
- Krogulski, T. see Johansson, T. 1-18694
- Krohn, B.J. see McDowell, R.S. 1-24141
- Krohn, B.J. see Patterson, C.W. 1-37366
- Krohn, C.E., Antoniewicz, P.R., Thompson, J.C. Energetics for photoemission of electrons into NH_3 and H_2O 1-35150
- Krohn, H. see Beck, F. 1-35635
- Krohn, K.A. see Jansholt, A.-L. 1-49112
- Krohn, M. see Stenzel, H. 1-20586
- Krohnke, C. see Eichele, H. 1-34941
- Kroitoru, S.G. see Sobolev, V.V. 1-52965
- Krokhin, A.A. see Kaner, E.A. 1-29195
- Krokhin, A.L. see Dovgopol, S.P. 1-16219
- Krokhin, O.N. see Ajajans'ev, Yu.V. 1-15635
- Krokhin, O.N. see Basov, N.G. 1-6596, 1-6597
- Krokhin, O.N. see Georgobiani, A.N. 1-47105
- Krokhin, O.N. see Vysukubov, V.P. 1-46919
- Krokhina, V.V. see Veshelko, N.A. 1-42565
- Krokmal', Yu.N. see Lokhvitskii, Yu.L. 1-35397
- Krokmal'nikov, Ye.B., Novozhilov, V.I. Characteristics of the manifestation of the Doppler effect during oblique-backscatter sounding of the ionosphere with allowance for observation conditions 1-22578
- Krokmal'nyi, A.M., Brodyak, Ya.P., Khoma, M.S. Electrochemical and anticorrosion properties of coatings formed by carbochromizing and chromosilicizing a carbon steel 1-26678
- Krokoszinski, H.J., Barner, K. Modulation of the Hall resistance in $Cr, Mn_{1-x}As$ compounds 1-25694
- Krokovyi, P.M. Some spectral and pulsation characteristics of a horizontal gas-liquid stream 1-46811
- Krol, D.M. Energy transfer and biexciton decay in $Cs_2UO_2Cl_2$ crystals 1-8106
- Krol, D.M., Blasse, G. Luminescence of some $Ru(bipy)_3^{2+}$ compounds 1-35079
- Krol, D.M., De Jong, K.P., Blasse, G. The luminescence spectra of Li_2WO_4 -U and $MgWO_4$ -U 1-31179
- Krol, D.M., Roos, A. Energy-transfer processes in $Cs_2UO_2Br_2$ crystals 1-52989
- Krol, J., Major, B. On the relation between the texture inhomogeneity in cold-rolled and recrystallized polycrystalline copper 1-48358
- Krol, J. see Tasior-Grabianowska, K. 1-16829
- Krol', V.A. X-ray emission from the nova outburst of nova-like X-ray sources 1-22930
- Krol-Stepienkowska, L. see Beensh-Marchwicka, G. 1-11991
- Krolas, K., Wodniecka, B., Wodnicki, P. Experimental study of impurity interaction effects in AgPd 1-34359
- Krolchenko, E.I. see Muratova, M.V. 1-13561
- Krolchik, F. see Misiewicz, J. 1-3429
- Krolchik, L. see Kozrzeska, M. 1-53934
- Krolkowski, A., Zielonka, R. Application of special-shape signals to measurements for the purpose of electronic system testing 1-27962
- Krolkowski, W. Massless critical Coulombic bound state of a supersymmetric pair 1-10059
- Krolkowski, W. Are leptons and quark families quantized dynamical systems? 1-10137
- Krolkowski, W. Difference equation for lepton spectrum 1-14379
- Kroll, D.M., Ruhland, J.M. Sound propagation in critical binary mixtures 1-24552
- Kroll, D.M., Ruhland, J.M. Renormalization group calculation of sound attenuation and dispersion near the liquid-gas critical point 1-25374
- Kroll, N.M. Relativistic synchrotron radiation in a medium and its implications for SESR 1-10901
- Kroll, N.M., Morton, P.L., Rosenbluth, M.N. Variable parameter free-electron laser 1-10958
- Kroll, N.M., Morton, P.L., Rosenbluth, M.N. Enhanced energy extraction in free-electron lasers by means of adiabatic decrease of resonant energy 1-10959
- Kroll, N.M., Rosenbluth, M.N. Sideband instabilities in trapped particle free-electron lasers 1-10960
- Kroll, P. see Grein, W. 1-14412
- Kroll, U., Wolf, F., Rodicker, H. Solubility of gaseous hydrocarbon mixtures in polyethylene and its effect on separation processes by permeation 1-38541
- Kromer, I.L. Switching surge discharge characteristics of large conductor-tower air gaps 1-15683
- Krommes, J.A., Simolon, P. Dielectric response in guiding center plasma 1-2149
- Kromp, K., Pabst, R.F. High-temperature T_g integral measurements and micromechanisms at crack tip of ceramic materials 1-53272
- Kromp, K. see Tradnik, W. 1-43438
- Krompholz, H., Ruhl, F., Schneider, W., Schonbach, K., Herziger, G. A scaling law for plasma focus devices 1-46932
- Krompholz, H. see Neff, W. 1-2240
- Kron, R.G. Photometry of a complete sample of faint galaxies 1-9667
- Kron, R.G. see Bruzual, G.A. 1-32749
- Kron, R.G. see Koo, D.C. 1-32762
- Kronberg, H. see Zimmer, H.-G. 1-33034
- Kronberg, P.P., Biermann, P. The radio structure of the nuclear region of NGC 2146 1-54645
- Kronberg, P. see Simard-Normandin, M. 1-36430, 1-49797
- Kronenberg, S., Siebentritt, C.R. Fiber optics dosimetry 1-6043
- Kroner, A., McWilliams, M.O., Germs, G.J.B., Reid, A.B., Schalk, K.E.L. Paleomagnetism of late Precambrian to early Paleozoic magnetite-bearing formations in Namibia (South West Africa): the Nama Group and Blaubecker Formation 1-40047
- Kroner, E. see Gambin, B. 1-29547
- Krongauz, V.G., Kaplenov, I.G., Semenov, A.V. Kinetics of recombination luminescence of calcium tungstate and magnesium borate 1-12581
- Krongauz, V.G. see Shaver, I.Kh. 1-23978
- Kronmuller, H. Magnetization processes and the microstructure in amorphous metals 1-25982
- Kronmuller, H., Walz, F. Magnetic after-effects in Fe_2O_3 and vacancy-doped magnetite 1-12359
- Kronmuller, H. see Blythe, H.J. 1-25992
- Kronmuller, H. see Groger, B. 1-31009
- Kronmuller, H. see Herzer, G. 1-16441
- Kronmuller, H. see Takahashi, S. 1-7876
- Kronmuller, H. see Walz, F. 1-21016
- Kronsheski, I.N. see Ermakov, V.N. 1-43149
- Kroo, N., Szentirmay, Z., Felszerfalvi, J. Optical determination of mean free path of hot electrons in metals 1-25809
- Kroo, N., Szentirmay, Zs., Felszerfalvi, J. On the origin of light emission by tunnel junctions 1-38866
- Kroo, N. see Cser, L. 1-45774
- Kroo, N. see Dolganov, V.K. 1-52064
- Kroop, V. see Behnburg, W. 1-41340
- Kroopnick, P. The distribution of ^{13}C in the Atlantic Ocean 1-4536
- Kroopnick, P. Isotopic fractionations during oxygen consumption and carbonate dissolution within the North Atlantic Deep Water 1-4537
- Kropac, W. see Bromberg, C. 1-10266, 1-45364
- Kropachev, A.P., Kropacheva, G.S., Joganson, A.K., Gur'ev, G.A. New data about the structure of the Lower Carboniferous deposits of northern Sette-Daban 1-44154
- Kropacheva, G.S. see Kropachev, A.P. 1-44154
- Kropf, W. see Braddick, O. 1-22017
- Kropotkin, M.A., Verbitskiy, V.A., Sheveleva, T.Yu., Tarashevich, V.N. Radiation temperature of a water surface with an oil slick 1-4223
- Krori, K.D., Chaudhury, T. Some charged rotating systems in general relativity 1-23069
- Krori, K.D., Chaudhury, T. Generation of conformally flat solutions of Einstein-Maxwell scalar equations 1-23093
- Kroth, R., Bhattacharjee, S.K., Gunther, C., Guttorf, M., Hardt, K., Hubel, H., Kleinrahn, A. g-factors of high-spin isomers in ^{194}Hg and ^{196}Hg 1-18561
- Kroth, R., Hardt, K., Guttorf, M., Mikus, G., Reicht, J., Vilter, W., Hubel, H., Gunther, C. Identification of the ^{196}Hg rotation-aligned $(9/13/2)^+$ 12^+ state in ^{196}Hg 1-45404
- Krothapalli, A., Gaganoff, D., Karamcheti, K. Development and structure of a rectangular jet in a multiple jet configuration 1-19767
- Krotik, A.I. see Shashkov, S.Yu. 1-25672
- Krotkov, L.N. see Tarbeyev, Yu.V. 1-23163
- Krotkov, R., Wang, D., Scoville, N.Z. Ultraviolet pumping of molecular vibrational states: the CO infrared bands 1-27574
- Krotkov, R. see Scoville, N.Z. 1-27573
- Krotkov, R. see Balyas, V. 1-25738
- Kroto, H.W. see Georgiou, K. 1-14874
- Kroto, H.W. see Hutchinson, M. 1-1214
- Kroto, H.W. see Kirby, C. 1-14873, 1-14876, 1-24124
- Krotov, I.I., Tokmakov, V.V., Vanyukov, A.V., Kolobrodova, N.A. Solid-vapor equilibrium in the system Te-HgTe-CdTe 1-7312
- Krotov, I.I. see Tokmakov, V.V. 1-7395
- Krotov, S.S. Existence of a canted structure in nickel garnet antiferromagnet 1-47862
- Krotov, Yu.A. see Buimistrov, V.M. 1-6370
- Krotov, Yu.A. see Dzhabadov, L.N. 1-20347
- Krotova, N.A. see Derjagin, B.V. 1-16670
- Krotscheck, E., Kummel, H., Zabolitzky, J.G. Coupled-cluster many-body theory in a correlated basis 1-168
- Krotscheck, E., Smith, R.A. The care and handling of CBF corrections 1-50538
- Krotscheck, E. see Clark, J.W. 1-2748
- Kroumbi, M. see Grant, P.M. 1-16289
- Krozer, A., Kasemo, B. Kinetics of initial oxidation of UHV prepared Zn films 1-7465
- Krozer, S. see Akbay, U. 1-19758
- Kropic, D. see Abdrahmanov, E.O. 1-722
- Kresk, J. see Petru, F. 1-40842
- Krstic, P.S. see Todorovic, M.Z. 1-29940
- Kruchina, E.N., Sagedev, R.S., Shapiro, V.D. Strong Langmuir turbulence as a source of RF radiation 1-2194
- Kruchinin, V.G. see Benyukh, V.V. 1-49579
- Kruchinin, Yu.D., Kuleshov, E.A. Glass formation and properties of glasses in the $CaO-FeO-SiO_2$ system 1-15808
- Kruchnina, O.A. see Zorina, L.N. 1-39137
- Kruckewitt, T.W., Shohet, J.L. Magnetic properties of ultimate torsions 1-29930
- Kruczynski, L.J. see Schaefer, T. 1-51223
- Krueger, D.E. Degenerative retinal diseases and exposure to light: methods of epidemiological study 1-35823
- Krueger, R.B. The promise of OTEC 1-43796
- Krueger, S., Monch, W. Electronic and structural properties of steps on cleaved semiconductor surfaces 1-7711
- Kruer, M.R. see Esterowitz, L. 1-29288
- Kruer, M.R. see Meyer, J.R. 1-15925
- Kruer, W.L. see Denavit, I. 1-6926

- Kruer, W.L. *see* Estabrook, K. 1-15633
- Kruezer, H.J., Lowy, D.N. Photodesorption of diatomic molecules by laser-molecular vibrational coupling 1-43698
- Krug, P.A. *see* Campbell, D.J. 1-40839
- Krug, T. *see* Eichler, W. 1-16301
- Krug, W.K. *see* Hauk, V. 1-39393
- Kruger, A. Examination and quality assessment of protective coatings based on powder lacquers 1-16927
- Kruger, D.W. *see* Brillson, L.J. 1-38814
- Kruger, E. *see* Weirauch, W. 1-33365
- Kruger, H. Approximate Franck-Condon factors from piecewise Langer-transformed vibrational wave functions 1-37266
- Kruger, H. *see* Fellmuth, B. 1-16218
- Kruger, H. *see* Rudolph, R. 1-26112
- Kruger, J. *see* Bertocci, U. 1-39531
- Kruger, J. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Kruger, K., Zollner, K. Continuous magnification variator for the medical building-block system of VEB Carl Zeiss JENA 1-49089
- Kruger, P.B. The effect of cognitive demand on accommodation 1-17395
- Kruger, R., Potente, H. Corona-discharge treatment of polypropylene films—effects of process parameters 1-48541
- Kruger, R.A., Bombelka, R.M., Laqua, K. Some basic characteristics of the Grimm magnetic field glow-discharge source with reference to steel analysis 1-46944
- Kruger, R.A., Bombelka, R.M., Laqua, K. Application of the Grimm magnetic field glow-discharge source to the analysis of mild and alloyed steel 1-46945
- Kruger, R.A. *see* Riederer, S.J. 1-43959
- Kruger, R.P., Morris, R.A., Weckung, G.W. Applications of industrial computed tomography at Los Alamos Scientific Laboratory 1-48644
- Kruger, Th. *see* Preuss, H. 1-51101
- Kruger, W. *see* Hofmann, R. 1-43727
- Kruglenko, V.P. *see* Grigor'yants, V.V. 1-33680
- Kruglik, A.I. *see* Misul'y, S.V. 1-30196
- Kruglikov, B.S. *see* Altshuler, L.V. 1-46779
- Kruglikov, V.V., Samsonov, B.F., Terpugova, A.F., Chelgokov, E.I. Electronic structure and normal vibrational frequencies of the nitrogen dimer 1-24052
- Kruglitskii, N.N. *see* Datsenko, B.M. 1-12694
- Krugljak, Z.B., Kuznetsov, E.A., L'vov, V.S., Nesterikhin, Yu.E., Predtechensky, A.A., Sobolev, V.S., Utkin, E.N., Zhuravel, F.A. Laminar-turbulent transition in a circular Couette flow 1-42025
- Kruglov, A.S. *see* Fraktovnikova, A.A. 1-27976
- Kruglov, B.A., Rozina, M.V. Determination of the directivity of combined ultrasonic transducers 1-35483
- Kruglov, B.V. *see* Basov, N.G. 1-6596, 1-6597
- Kruglov, E.M. *see* Bokov, V.L. 1-36245
- Kruglov, N.A. *see* Arestov, Yu.I. 1-36892
- Kruglov, S.I., Khannolainen, A.K. Oculometric errors caused by movements of the observer's head 1-13311
- Kruglov, S.L. *see* Keilin, V.E. 1-47795
- Kruglov, S.N. *see* Gusev, Yu.L. 1-6562
- Kruglov, S.P. *see* Barsov, S.G. 1-16518
- Kruglov, S.V. *see* Gusev, Yu.L. 1-24423
- Kruglov, V.I. *see* Katkovsky, L.V. 1-9949
- Kruglov, V.S. *see* Lykhin, V.A. 1-30871
- Kruglov, V.V. *see* Alekseev, G.D. 1-23952
- Kruglova, A.V., Kuleshov, A.P., Kuznetsov, A.Ya. Antireflection coatings on items having complicated configuration 1-29419
- Kruglyakov, E.P. *see* Vorob'ev, V.V. 1-52897
- Krujts, F.N.G.R. *van der* van der Krujts, F.N.G.R.
- Kruizinga, B. *see* Morsink, J.B.W. 1-29346
- Kruk, B.Z. *see* Vasnyuk, I.M. 1-1877, 1-11363
- Krulkovskaya, M.P. *see* Danil'chenko, B.A. 1-38405
- Krulkovskaya, M.P. *see* Dekhtyar, I.Ya. 1-7208
- Krull, W.E. *see* Cargill, G.S. III 1-10054
- Krulle, G. *see* Bassner, H. 1-40305
- Krumholz, K.G. *see* Kurczyk, H.-G. 1-39285
- Krumhansl, J.A. *see* Englander, S.W. 1-39876
- Krumhansl, J.A. *see* Sarker, S.K. 1-49952
- Krumholz, A. *see* Staewen, W.S. 1-22083
- Krumin, A.E., Gunter, P. Steady-state energy exchange between writing beams controlled by an external electric field during hologram formation in KNO_3 1-6527
- Kruming, B.A. Determination of the light regime for a pulse optical-electronic information-type instrument 1-46485
- Krumins, A., Gunter, P. Holographic currents in reduced KNO_3 crystals 1-51412
- Krumins, A. *see* Gunter, P. 1-1511
- Krumina, R.K. *see* Kirson, Ya.E. 1-47687
- Krumlinde, J. *see* Palsson, B. 1-685
- Krumm, N., Salpeter, E.E. 101 spiral galaxies: neutral hydrogen distribution 1-9654
- Krummacher, S., Schmidt, V., Willeumier, F. Inner-shell photoionisation in molecules: the nitrogen case 1-6326
- Krumpelt, M. *see* Bates, J. 1-53157
- Krumphold, R. *see* Hermel, W. 1-39263
- Krumpholz, O. *see* Huber, H.-P. 1-19472, 1-37619
- Krumpholtz, R. *see* Kop'ev, I.M. 1-16718
- Krumpos, J. *see* Cermak, J. 1-47281
- Krupa, J.C. *see* Conway, J.G. 1-48119
- Krupa, J.C. *see* Hussonnois, M. 1-12648
- Krupa, N.N. *see* Borshch, A.A. 1-8036, 1-33640
- Krupanidhi, S.B. *see* Mansingh, A. 1-16204
- Krupar, J.J., Berger, J.D., Berg, J.D., Weber, E.T. The breeder reactor program T-3 cask 1-50875
- Krupennikova, N.B. *see* Dzhibuti, R.I. 1-33272
- Krupicka, S., Jirak, Z., Novak, P., Zounova, E., Roskovec, V. Induced anisotropy and other magnetic properties of Mn-Cr spinels 1-47878
- Krupickas, R., Svedas, K. Old periglacial cover formations of Oshmyany Upland and Lida Plateau on the territory of the Lithuanian SSR. III. Influence of natural and social-economic factors on the structure of agricultural lands 1-13460
- Krupitskas, R.A. *see* Kondratene, O.P. 1-22366
- Krupke, W.F., George, E.V., Haas, R.A. Advanced lasers for fusion 1-11020
- Krupnikov, E.S., Aliev, F.Yu., Kerimov, I.G. Temperature dependence of kinetic coefficients of bismuth films 1-42873
- Krupnikov, E.S. *see* Atiev, F.Yu. 1-47397
- Krupnov, A.F. *see* Belov, S.P. 1-37205
- Krupnov, A.F. *see* Burenin, A.V. 1-45942
- Krupskaya, N.K. *see* Shepelevich, V.V. 1-51425
- Krupskii, I.N., Prokhatilov, A.I., Erenburg, A.I. X-ray studies of thermal expansion in N_2O 1-2659
- Krus, J. Sensitometry of reprographic materials. I. Electrographic materials 1-14195
- Kruse, A. *see* Korner, M. 1-23217
- Kruse, G.S. *see* Hackley, D.S. 1-50925
- Kruse, H., Pinkston, W.T., Greiner, W., Oberacker, V. Dynamics of Coulomb fission 1-23698
- Kruse, P.W. *see* Khan, M.A. 1-11046
- Kruse, T.H. *see* Baker, F.T. 1-28363
- Krushel'nitskaya, T.D. Microscopic mechanism of low-temperature phase transitions in proustite and pyrrhotite 1-11862
- Krusius, P., Stubbs, T., Isomaki, H., Von Hoehn, J. Self-consistent electronic spectrum of trigonal Te. Charge and momentum density, and Compton profile 1-12026
- Krusius, P. *see* Isomaki, H. 1-12025
- Krusius, P. *see* Petri, K.D. 1-37106
- Krusius, P. *see* von Boehm, J. 1-12013
- Krustev, K. Measurement of dielectric permeability of liquids by the node-displacement method 1-43079
- Krustev, S.D. *see* Kharizanov, P.S. 1-50154
- Kruszewski, J., Maciak, T., Zajac, C. A measuring setup for examination of planar optical waveguide properties 1-15262
- Kruszewski, J., Zajac, C. Planar dielectric light-waveguide produced by the method of ion exchange 1-15263
- Krutchinin, A.I. *see* Botcharov, U.N. 1-33021
- Krutchinin, S.P. *see* Ammosov, V.V. 1-40980
- Krutchinin, S.P. *see* Efremenko, V.I. 1-33173
- Krutein, J. *see* Thielmann, U. 1-10813
- Krutenkova, A.P. *see* Abramov, B.M. 1-992
- Krutenkova, E.A. *see* Veiko, P.V. 1-16808
- Krutik, V.M., Pushcharovskii, D.Yu., Khomyakov, A.P., Pobedinskaya, E.A., Belov, N.V. Anion radical of mixed type (four $[\text{S}_2\text{O}_2]^-$ rings and P orthotetrahedra) in the structure of monoclinic fosinate 1-2415
- Krutik, V.M., Pushcharovskii, D.Yu., Pobedinskaya, E.A., Belov, N.V. Crystal structure of $\alpha\text{-Ker}[\text{PO}_3]_2$ 1-30192
- Krutikhovskaya, Z.A., Gintov, O.B., Golub, V.N., Zavoiskii, V.N., Pashkevich, I.K., Podolyanko, S.M., Silina, I.M. Studies in the anomalous magnetic field of the Ukrainian SSR 1-27058
- Krutikov, P.G. *see* Sedov, V.M. 1-28597, 1-28602
- Krutikov, V.A. *see* Vernednikova, E.A. 1-49995
- Krut'ko, Z.V. *see* Miroshnichenko, I.S. 1-53373
- Krutogolov, V.D., Fasakhov, S.A., Ivanov, P.A. Viscometer RV-K77P 1-24899
- Krutogolov, Yu.K., Gorskikh, V.P., Bondar', S.A., Lebedeva, L.V., Strel'chenko, S.S. Influence of dislocations and ionized impurities on the diffusion length of electrons in GaAs 1-30855
- Krutov, G.A. *see* Trunov, V.A. 1-25886
- Krutov, V.A. Theory of nuclear reactions with redistribution of nucleons 1-706
- Krutov, V.A. Coupling of rotation and internal motion in deformed nuclei 1-23532
- Krutov, V.V. *see* Korneev, V.V. 1-36259
- Krutsan, A.M. *see* Azbukin, V.G. 1-35442
- Krutsan, A.M. *see* Melekhov, R.K. 1-31750
- Krutyakova, V.P., Smirnov, V.N. Comparison of the rate of the scattering increase and the emission flashes in alkali halide crystals bombarded with pulses from a CO_2 laser 1-26290
- Kruzelecki, J. Axially symmetric shells of uniform membrane strength as optimal shells 1-29527
- Kruzhaev, V.V. *see* Min'kov, G.M. 1-25806
- Kruzhilin, Yu.I. *see* Borisov, B.N. 1-33713
- Kruzhlyak, Ya. *see* Gut'ka, P. 1-52736
- Kryachko, E.S. Hohenberg-Kohn theorem 1-14062
- Kryachko, E.S. *see* Dyadyusha, G.G. 1-50042
- Kryakhtunov, V.S. *see* Gorshkov, V.A. 1-10013
- Kryazev, N.A. *see* Gorodetskii, A.K. 1-32517
- Krycek, G. *see* Bicknell, P.A. 1-23972
- Kryder, M.H. *see* Saunders, D.A. 1-7874
- Krygowska-Doniec, M., Kwiatkowska, J. Electron spin resonance of Cr^{3+} paramagnetic ion in MgCr_2O_4 normal spinel 1-26025
- Krykanova, G.A. *see* Akimov, Yu.K. 1-37059
- Kryleov, V.I., Manakov, N.A., Rusov, G.I., Ivanova, E.V. Magnetic properties of splat quenched alloys SmFe 1-30989
- Krylov, N.N. *see* Zakharov, P.A. 1-11054
- Krylov, S.V., Mishen'kin, B.P., Petrik, G.V., Seleznev, V.S. Seismic model of the upper mantle in the Baikal rift zone 1-13437
- Krylov, S.Yu. *see* Borman, V.D. 1-11424, 1-29823
- Krylov, V.I. *see* Delyagin, N.N. 1-7989
- Krylov, V.N., Papernyi, S.B. Parametric generation of subnanosecond light pulses with a spectral width of 13300 cm^{-1} 1-24458
- Krylov, V.S. *see* Vorontsova, M.M. 1-21249
- Krylov, V.V. *see* Agapov, N.N. 1-6063
- Krylov, Yu.I., Sergeeva, T.S., Pristavko, V.V. High-temperature compatibility of the components in $\text{TiN-MgO}(\text{Al}_2\text{O}_3, \text{ZrO}_2)$ systems 1-21709
- Krylov, Yu.N. *see* Gorbato, A.M. 1-5702
- Krylova, I.V., Konyushkina, N.I. The role of dislocations in thermally stimulated exoemission from NaCl 1-26373
- Krylova, L.F. *see* Baidina, I.A. 1-42354
- Krylovich, V.I. *see* Barkov, Yu.D. 1-13484
- Krymchanskii, I.I. *see* Semavina, A.N. 1-3860
- Krymm, R., Charpentier, J.P. Nuclear power development: present role and medium-term prospects 1-808
- Krymov, A.A. *see* Aleksandrov, Yu.N. 1-13717
- Krymskii, G.F., Petukhov, S.I. Acceleration of charged particles in the envelope of a supernova 1-36121
- Krymskii, G.F. *see* Filippov, A.T. 1-36137
- Krymskii, P.F. *see* Moiseev, B.G. 1-54304
- Krynetskii, I.B. *see* Derkachenko, V.N. 1-25941
- Krynetskii, I.B. *see* Kadomtseva, A.M. 1-52768
- Krynetskii, I.B. *see* Kadomtseva, A.M. 1-12380
- Krynica-Drozdzowicz, E. *see* Drozdowicz, K. 1-28510
- Kryn'ko, Yu.N., Mel'nik, P.V., Nakhodkin, N.G. Influence of the excitation of surface plasmons on the intensity of peaks in the spectrum of inelastically reflected electrons 1-26324
- Krysanov, S.A., Alfimov, M.V. Picosecond spectroscopy of trans-thioindigo 1-28954
- Krysanov, Yu.A. *see* Bodrenko, S.I. 1-41977
- Kryshchik, V.I. *see* Abramov, V.V. 1-596
- Kryshchal', O.A. *see* Kostyuk, P.G. 1-17372
- Kryshon, V.G. *see* Fesenko, E.G. 1-30169
- Kryshop, V.G., Devlianova, R.U., Fesenko, E.G. Synthesis and X-ray structural investigation of compounds with the structure of tetragonal potassium tungsten bronze [Ferroelectric materials] 1-39288
- Kryshopt, V.G. *see* Turik, A.V. 1-52894
- Krysin, V.A. *see* Reshchikova, L.M. 1-25431
- Krys'ko, V.A. Dynamic buckling of rectangular shells under finite deflections 1-19601
- Krys'ko, V.A., Fedorov, P.B. Loss of stability of flexible shallow shells, rectangular in plane, during thermal shock 1-51713
- Krys'kov, T.S. *see* Gorbani', I.S. 1-21279
- Krysl, I. *see* Malek, Z. 1-44926
- Krysov, V.I., Kukla, L.V., Malyuk, T.I. Peculiarities of inner adsorption and collection recrystallization in the $\text{Cu}+0.15\text{ at.\%Sb}$ alloy over a wide temperature range 1-8315
- Krystek, M., Erb, W. Transformation of the tristimulus space into the uniform colour space 1-5355
- Krystek, M., Erb, W. Photochemical kinetics of visual pigments. I. Equilibrium state; relation between visual sensation and optical stimulus 1-53787
- Kryszewski, M. *see* Jeszka, J.K. 1-42751
- Kryszewski, M. *see* Myslinski, P. 1-26115
- Kryszewski, M. *see* Pakula, T. 1-30030
- Kryszewski, M. *see* Stasiak, M. 1-12449
- Kryszewski, M. *see* Wojciechowski, P. 1-42810
- Kryszkiewicz, E. Determination of the astronomical constants based on the observations of minor planets 1-32607
- Krytchenko, E. *see* Barth, M. 1-41018
- Kryuchkov, G.Yu. Low-energy limit of vacuum polarization in an intense field 1-36832
- Kryuger, D.B., Mikhailov, I.F. Structure and uniformity of Ge_3Si_2 films produced by solid-phase epitaxy on Si 1-47414
- Kryukov, A.I., Krasnova, V.A., Krasnov, Y.S. Primary photoprocesses in solutions of chlorine-containing quinones and the phenomenon of negative photoconductivity 1-26760
- Kryukov, I.I. *see* Dedegkaev, T.T. 1-52455
- Kryukov, N.N. *see* Grigorenko, Y.M. 1-15404

- Kryukov, P.G., Lazarev, Yu.A., Matveets, Yu.A., Terpugov, E.L., Sharkov, A.V. Picosecond spectroscopy of bacteriorhodopsin at room and low temperatures 1-4248
- Kryukov, P.G., Matveetz, Yu.A., Sharkov, A.V., Lazarev, Yu.A., Terpugov, E.L. Direct and reverse photoactions in bacteriorhodopsin at low temperatures on picosecond time scale 1-35752
- Kryukov, P.G. *see* Angelov, D.A. 1-35746, 1-39965
- Kryukov, P.G. *see* Shuvalov, V.A. 1-17359
- Kryukov, P.V. *see* Alimpiyev, S.I. 1-46310
- Kryukov, V.V. Photothermoplastic apparatus 1-36756
- Kryukov, V.V. *see* Cherkasov, Yu.A. 1-40885
- Kryukova, S.V. *see* Eremina, N.I. 1-24467
- Kryzhanovskii, B.V., Melikjan, A.O. Polarization of resonance fluorescence of an atom with degenerate levels in a strong field 1-33421
- Krzeminski, W. *see* Vogt, N. 1-54506
- Krzhibzhanovskii, E.R. *see* Zinov'ev, A.N. 1-19869
- Krzhibzhanovskii, R.E. *see* Klimenko, M.M. 1-15375
- Krzyszton, T. *see* Kozlowski, G. 1-20931
- Krzywinski, J. *see* Brajczewska, M. 1-5343
- Ksanfomaliti, L.V. Lightning in the cloud layer of Venus 1-9402
- Ksanfomaliti, L.V. *see* Kremenchugskii, L.S. 1-10016
- Kschwendt, H. Euratom's accounting procedures to comply with IAEA requirements 1-14605
- Ksenedov, Yu.M. Electronic structure of rare-earth metals in the lanthanoid group 1-25626
- Ksenofontov, M.A. *see* Volod'ko, L.V. 1-43116
- Ksenofontova, S.S., Mel'nikov, V.A., Mzhachikh, V.N., Sirota, M.I. Graphical representation of structural models with allowance for anisotropy of the thermal vibrations of the atoms 1-7045
- Ksenzov, V.G. *see* Dalkarov, O.D. 1-36876
- Kshevetskiĭ, S.A. *see* Mikhailuk, I.P. 1-2287
- Kshynakina, S.I., Puchkovskaya, G.A. Appearance of methylene chain rocking vibrations in the IR spectra of crystalline dicarboxylic acids 1-43117
- Ktal'kherman, M.G., Mal'kov, V.M., Shevryn, A.Yu., Sheitel'man, G.Yu. Effects of nozzle parameters and shape on the gain in a gasdynamic laser using combustion products from liquid hydrocarbons 1-24862
- Ktitorov, S.A. *see* Bytsenko, A.A. 1-40671
- Ktitorov, V.I. *see* Vasil'eva, A.N. 1-42247
- Ktonas, P.Y., Bonilla, J.F., Boukadoum, A.M. Quantification of time-connectivity patterns in rapid eye movement occurrences during sleep 1-35738
- Ktonas, P.Y., Osorio, P.L., Everett, R.L. Parsimonious global quantification of drug-induced sleep EEG patterns: a time series analysis approach 1-32290
- Ktorides, C.N., Hyo Chul Myung, Santilli, R.M. Elaboration of the recently proposed test of Pauli's principle under strong interactions 1-488
- Ku, H.C., Acker, F. Superconducting $Dy(Rh_{1-x}B_2)_2$ system 1-12223
- Ku, H.C., Shelton, R.N. Superconductivity of new ternary borides with the $LuRuB_2$ -type structure 1-16398
- Ku, H.C. *see* Shelton, R.N. 1-20158
- Ku, J. *see* Leidenfrost, W. 1-9992
- Ku, J.W. *see* Bhattacharya, P.K. 1-47766
- Ku, R.C. *see* Baird, R.J. 1-2822
- Ku, T.L., Huh, C.A., Chen, P.S. Meridional distribution of ^{226}Ra in the eastern Pacific along GEOSCE cruise tracks 1-4506
- Ku, W.H.-M., Helfand, D.J., Lucy, L.B. X-ray properties of quasars 1-22921
- Ku Shih-Wei The electrostatic potential of slow exciton in a polar crystal 1-25636
- Ku Teh-Lung *see* Teh-Lung Ku
- Ku Yoon Young *see* Young Ku Yoon
- Kuan, D.-Y., Ebner, C. Theory of excess-electron states in classical rare-gas fluids 1-25137
- Kuan, T.S. *see* Freecoff, J.L. 1-16366
- Kuang Yu-Ping, Cao Chang-Qi SU(3) lepton model and the dynamical generation of lepton mass differences 1-45158
- Kuang-Chao Chou *see* Chou Kuang-Chao
- Kuang-Ta Chao, Isgur, N., Karl, G. Strangeness -2 and -3 baryons in a quark model with chromodynamics 1-45216
- Kubac, J. *see* Wlglasz, V. 1-3146
- Kubacek, L. *see* Kubackova, L. 1-53954
- Kubach, C., Sidis, V. Theoretical study of near-resonant charge-exchange collisions of H^+ with alkali atoms 1-24247
- Kubach, C. *see* Sidis, V. 1-24248
- Kubackova, L., Kubacek, L. Statistical characteristics of the accuracy of transformed anomalous gravitational fields 1-53954
- Kubacka, A. *see* Bandrowski, J. 1-33885
- Kuball, H.-G. *see* Altschuh, J. 1-29145
- Kubanev, F. *see* Chacharkar, M.P. 1-13059
- Kubantsev, M.A. *see* Ammosov, V.V. 1-40980
- Kubantsev, M.A. *see* Efremenko, V.I. 1-33173
- Kubar, J., Le Bellac, M., Meunier, J.L., Plaut, G. QCD corrections to the Drell-Yan mechanism and the pion structure function 1-10145
- Kubarovskii, V.P. *see* Dzhelezhin, R.I. 1-45369
- Kubarovskii, V.P. *see* Viktorov, V.A. 1-10197, 1-10221
- Kubarovsky, V.P. *see* Viktorov, V.A. 1-10222
- Kubarovsky, V.P. *see* Dzhelezhin, R.I. 1-23503
- Kubarseppe, J.P., Valmda, L.E., Kallast, V.A. Corrosion resistance of sintered TiC-steel alloys 1-39495
- Kubarych, K. *see* Belli, Y. 1-52798
- Kubaschewski, O. Experimental thermochemistry of alloys 1-43696
- Kubaschewski, O. *see* Nussler, H.D. 1-25452
- Kubaska, R.J. *see* Strong, J.D. 1-19101
- Kubasova, L.V. *see* Lazarevskii, E.V. 1-39257
- Kubasta, E. Deformation behaviour of dispersion-hardened Al-C alloys 1-31580
- Kubecek, V. Nd:YAG lasers with continual pumping 1-46374
- Kubeckova, J. *see* Prouza, Z. 1-28709
- Kubeckova, J. *see* Spurny, F. 1-942
- Kubelka, J. *see* Kvapil, J. 1-26288
- Kubenko, V.D. *see* Babacv, A.E. 1-24738
- Kubenko, V.D. *see* Guz', A.N. 1-15435
- Kuberg, D.W. Solar ponds in the region served by the Tennessee Valley Authority 1-53672
- Kubiak, R., Schubert, K. On the Au-In-Sb system 1-8281
- Kubic, V. *see* Barth, M. 1-4018, 1-45377
- Kubicek, Z. Exciting an optical gradient index fibre 1-51627
- Kubie, J. Settling velocity of droplets in turbulent flows 1-19803
- Kubie, J., Delamare, F. Measurement of the flow stress of a material by the plane strain compression 1-37859
- Kubik, P.R. *see* Hardy, W.N. 1-1151
- Kubin, L.P., Martin, J.L. In situ deformation experiments in the HVEM 1-31579
- Kubin, L.P. *see* Estrin, Y. 1-43455
- Kubin, L.P. *see* Louchet, F. 1-2448, 1-30235
- Kubin, L.P. *see* Martin, J.L. 1-391
- Kubin, L.P. *see* Sherry, W.M. 1-11761
- Kubikalo, Yu.V. Overall cross-section of reaction during the interaction of charged particles with nuclei 1-5749
- Kubler, J. Moment-reversal calculation for BCC iron 1-3152
- Kubler, J. Magnetic moments of ferromagnetic and antiferromagnetic BCC and FCC iron 1-30925
- Kubler, J. *see* Guntherodt, H.J. 1-25619
- Kubler, O. Image processing in electron microscopy: non-periodic objects 1-40908
- Kubler, O. Unified processing for periodic and non-periodic specimens [biological] 1-53940
- Kubler, W.K. *see* Ostertag, H. 1-8975
- Kubo, H., Nagata, R. Stokes parameters representation of the light propagation equations in inhomogeneous anisotropic, optically active media 1-10920
- Kubo, K. Magnetic susceptibility of the strongly correlated Hubbard Model 1-16422
- Kubo, K. *see* Kimura, H. 1-13032
- Kubo, K. *see* Yagi, K. 1-35351
- Kubo, R., Hanamura, E. (editor) Relaxation of Elementary Excitations. Proceedings of the Taniguchi International Symposium 1-32804
- Kubo, S. Flaw inspection of rolling stock axles and other parts 1-4017
- Kubo, S., Hayashiguchi, E. Theory of unsteady radiative heat transfer in a semi-infinite space 1-46659
- Kubo, S., Kitano, Y. Secondary flow induced by a circular cylinder oscillating in two directions 1-19816
- Kubo, S. *see* Cho, T. 1-34096
- Kubo, T. *see* Akatsuka, T. 1-53837
- Kubo, T. *see* Ohnuma, H. 1-18635, 1-36945
- Kubo, Y., Ishida, S., Ishida, J. Spin dynamics in Heusler alloy Pd_2MnSn 1-38941
- Kubo, Y. *see* Doncombe, R.L. 1-44462
- Kubo, Y. *see* Kaneko, S. 1-48332
- Kubo, Y. *see* Wakoh, S. 1-25613
- Kubodera, H. *see* Shida, T. 1-31029
- Kubonawa, S., Kawai, H., Hoshina, T. Cathodoluminescence saturation and decay characteristics of ZnS:Cu,Al phosphor 1-26280
- Kubono, S. *see* Branford, D. 1-36935
- Kubos, J. *see* Jurkowski, B. 1-31513
- Kubota, B. Lippmann display holograms 1-37439
- Kubota, H., Munakata, T., Hirooka, T., Kuchitsu, K., Harada, Y. Observation of molecular reorientation on evaporated biphenyl film surface by Penning ionization electron spectroscopy 1-2354
- Kubota, J. The optical thickness of quiescent prominences in the Ca II K line and the central reversal in the spectral lines 1-54443
- Kubota, J., Tsuchiya, T., Iwashita, T., Monta, K. Hydrodynamic stability tests and analytical model development for once-through sodium heated steam generator 1-28560
- Kubota, J. *see* Izume, A. 1-28554
- Kubota, K. *see* Imari, T. 1-4194
- Kubota, M., Felle, H.R., Buchal, C., Mueller, R.M., Pobell, F. Nuclear magnetic ordering in $PrNi_2$ at 0.4 mK 1-25959
- Kubota, M., Furuya, K., Suematsu, Y. Random-bend loss—evaluation in single-mode optical fiber with various index profiles 1-24509
- Kubota, M. *see* Mueller, R.M. 1-14120
- Kubota, R., Kobayashi, H., Tsujikawa, I., Enoki, T. Electrical and thermal properties of the partially oxidized salt of the magnus green salt with the formula $Pt_6(NH_3)_{10}Cl_{10}(HSO_4)_4$ 1-42831
- Kubota, S. *see* Hitachi, A. 1-1348, 1-1349
- Kubota, T. *see* Inami, T. 1-50477
- Kubota, T. *see* Liu, A.K. 1-19732
- Kubota, Y., Kodaira, J., Miyahara, A. Thermal interlock system with quick response time for high-power magnetic coil systems 1-36648
- Kubota, Y. *see* Kasai, K. 1-26417
- Kubota, Y. *see* Ogasawara, T. 1-52695
- Kubotera, A., Mitsunumi, T. An earthquake swarm in the northern part of the Aso caldera and migration of their foci 1-49230
- Kubovy, A. *see* Janda, M. 1-31357
- Kubozoe, T. *see* Takemoto, Y. 1-26374
- Kubozoe, T. *see* Watanabe, Y. 1-8204
- Kuc, R. Digital filter models for media having linear with frequency loss characteristics 1-37643
- Kucab, M. Colour lattices and spin translation groups. General case 1-34271
- Kucas, S.A., Karosiene, A.V. Effective potential of p-, d-, and f-electrons in configurations sp, p^2d and d^2f 1-41456
- Kucas, S.A. *see* Karazija, R.J. 1-19195
- Kucera, J., Stransky, K. Steady state model of carbon diffusion in steel weldments. I. Analysis of Darken experimental data 1-2671
- Kucera, J., Stransky, K. Analysis of R.P. Smith's and D.C. Parris-R.B. McLellan's carbon diffusivity data [Smith (1953), Parris and McLellan (1976)] 1-30471
- Kucera, J. *see* Cermak, J. 1-38577, 1-47281
- Kucera, J. *see* Obrtlík, K. 1-16082
- Kucera, J. *see* Stransky, K. 1-47282
- Kucersky, Z., Inoulet, I.I., Lee, A.K.W. Spectroscopic analysis of cylindrical regions of space charge in air-CO₂ coronas 1-20018
- Kuchaeva, V.I. *see* Plekhanov, V.P. 1-53571
- Kuchar, F., Fantner, E.J. Impact ionization of excited states of shallow impurities in n-InSb 1-20753
- Kuchar, F. *see* Nicholas, R.J. 1-12196
- Kuchar, K. Gravitation, geometry, and nonrelativistic quantum theory 1-5214
- Kucharska-Zon, M. Temperature dependence of birefringence of β -naphthol crystals 1-16546
- Kucharska-Zon, M. Temperature dependence of birefringence of thiourea crystals 1-16547
- Kuchava, N.E. *see* Mousilishvili, L.M. 1-32209
- Kuchay, V.K., Chuchadzev, D.N. A Bayesian strategy for recognition of classes from indirect images 1-13619
- Kucher, T.I. *see* Zaretsk, G.A. 1-34432
- Kucherenko, I.V. *see* Kuchnir, V.P. 1-20631
- Kucherenko, I.V. *see* Shmyt'ko, I.M. 1-20382
- Kucherenko, Yu.N. *see* Nemoshkalenko, V.V. 1-30630
- Kucherov, A.N. Self-focusing and quasiswaveguide propagation of a Gaussian beam in a superionic current of gas 1-24464
- Kucherov, A.N. *see* Kogan, M.N. 1-24465, 1-24926
- Kucherov, A.P. New mathematical method for improving the resolution of optical spectra 1-40873
- Kucherov, A.P. *see* Gavrilko, T.A. 1-3398
- Kucherov, I.Ya. *see* Burlii, P.V. 1-2795
- Kucherov, V.A. *see* Botvinova, V.I. 1-49565
- Kucherov, V.I., Chernyi, V.V. Collective losses of a high-current electron beam in a low-impedance diode 1-2204
- Kucherov, V.I. *see* Kurilko, V.I. 1-24345
- Kucheryavyy, B.P. *see* Dobrovol'skii, V.I. 1-35368
- Kuchin, G.P. *see* Pikashov, V.S. 1-29679
- Kuchin, N.L., Popkov, K.K., Trofimov, I.N. Angular distribution of gamma dose rate at deep penetrations 1-28714
- Kuchinskii, V.I. *see* Akhmedov, D. 1-51483, 1-51484
- Kuchinskii, V.I. *see* Karpov, S.Yu. 1-33691
- Kuchinskii, V.V. *see* Danaev, V.V. 1-2237
- Kuchitsu, K. *see* Kubota, H. 1-2354
- Kuchitsu, K. *see* Nakata, M. 1-10841, 1-14875, 1-15008, 1-46123
- Kuchitsu, K. *see* Yenchu, A.J. 1-10706
- Kuchler, G. Manufacturing of Space Telescope solar array blankets 1-39781
- Kuchler, R. *see* Kanert, O. 1-3286
- Kuchnir, M., Nicol, T.H. Safety leads [for synchrotron superconducting magnet energy dumping] 1-45749
- Kuchnir, M. *see* Koepke, K. 1-51008
- Kuchumova, V.M., Kochanova, L.A., Savenko, V.I., Shchukin, E.D. Selective etching of dislocations in molybdenum single crystals 1-7172
- Kuckertz, T.H. *see* Nicholson, N. 1-14629
- Kucurkarpaci, H.N., Saele, H.T., Lucas, J. Electron swarm parameters in helium and neon 1-29831
- Kuczera, B. *see* Schmitz, F. 1-822

- Kuczynski, W., Stegemeyer, H. Grandjean-Cano steps in a wedge-shaped sample of liquid-crystalline 'Blue Phase' 1-2317
- Kudaba, V.E., Undzenas, V.J., Viscakas, J.K. Effect of contacts on photoelectric current noise in CdSe single crystals 1-20840
- Kudaka, K. see Iizumi, K. 1-20415
- Kudalenkin, V.V. see Katshonok, S.S. 1-18266
- Kudeki, E. see Kelley, M.C. 1-17728
- Kudelin, Yu.I., Lemesko, I.N., Al'tshuler, B.N. A hydrogen probe under stress 1-4035
- Kudella, F. see Bernhard, F. 1-2495
- Kudenko, Yu.G. see Belov, A.S. 1-10587
- Kudielka, H. Phase transformations in high speed tool steels, containing vanadium and niobium, investigated by X-ray diffraction 1-43332
- Kudin, S.F. see Der-Shvarts, G.V. 1-14215
- Kudina, L.P. Reflex effects of muscle afferents on antagonist studied on single firing motor units in man 1-48977
- Kudinov, E.E. see Bryksin, V.V. 1-20995
- Kudinov, G.M., Lyubov, B.Ya., Shmakov, V.A. The effect of impurity atoms on diffusion pore growth in alloys 1-7390
- Kudinov, V.I. see Barsov, S.G. 1-16518
- Kudinov, V.V., Puzanov, A.A., Soboleva, V.V. Interaction of EM radiation with inhomogeneous dielectric coatings 1-16618
- Kudinov, V.V. see Shorshorov, M.Kh. 1-3887
- Kudinova, L.V. see Gorelik, V.A. 1-31924
- Kudinova, M.A. see Babenko, V.A. 1-51500
- Kudlay, A.G. On the methods of preliminary reduction for satellite laser rangings 1-4738
- Kudlenko, V.G. see Golubnichii, P.I. 1-15519
- Kudo, F. see Kimura, Y. 1-27998
- Kudo, H. see Nishi, T. 1-50660
- Kudo, H. see Takita, K. 1-8176
- Kudo, I. see Ogino, F. 1-19774
- Kudo, K., Akazaki, M. Behavior of the Z pinch in a low pressure Ar gas 1-19932
- Kudo, K., Morizumi, T. Photovoltaic effects of mercyanine-ZnO cells 1-20800
- Kudo, K. see Iriyama, K. 1-7658
- Kudo, K. see Morizumi, T. 1-48837
- Kudo, M. see Owari, M. 1-53050
- Kudo, M. see Takayama, S. 1-43396
- Kudo, R. see Shimizu, H. 1-53028
- Kudo, S., Ikeda, T. Hydrostatic pressure effect on the dielectric properties of K_2SeO_4 1-52903
- Kudo, T. see Miyachi, K. 1-34503
- Kudo, T. see Mizoguchi, T. 1-30085, 1-30702
- Kudo, T. see Okamoto, H. 1-8640
- Kudo, Y., Ueda, K. The measurement of the electric activity of the olfactory bulb in free swimming carp (*Cyprinus carpio* L.) by underwater telemetry systems 1-27031
- Kudo, Y. see Sasaki, K. 1-6683
- Kudoh, M. see Takahashi, T. 1-31449, 1-31450
- Kudoharou, M.F. see Funke, L. 1-50485
- Kudoyarov, M.F., Lemberg, I.Kh., Pasternak, A.A. Level lifetime and structure in ^{54}Mn 1-23596
- Kudravec, V. see Halbach, R.E. 1-35854, 1-35877
- Kudriashov, V.A. see Korneev, D.A. 1-45763
- Kudriyatshev, E.M. Gasdynamic lasers. Spectral region extension and efficiency increase 1-41669
- Kudriyatshev, E.M. see Brunne, M. 1-41657
- Kudriyatshev, I.S. see Andreev, P.A. 1-28568
- Kudritzki, R.P. see The, P.S. 1-27493
- Kudrman, J., Holub, J., Hnilica, F. Metallographic analysis of phases in Al-Cu-Mg-Si alloys 1-17015
- Kudryash, V.I. see Gridnev, S.A. 1-7243
- Kudryashev, V.A. see Bulkin, A.P. 1-23918
- Kudryasheva, L.V. see Kats, S.M. 1-16838
- Kudryashov, A.D., Ergma, E.V. On hydrogen and helium burning under conditions of accreting neutron star envelopes 1-22828
- Kudryashov, A.D. see Ergma, E.V. 1-4934
- Kudryashov, A.V., Rozenblyum, L.A., Khurlapova, T.V., Yakho, V.G. Analysis of the vibration regimes of vascular walls 1-32171
- Kudryashov, P.I. see Kolobkov, V.P. 1-16607
- Kudryashov, V.A. see Iskanderov, N.A. 1-33057, 1-33752
- Kudryashov, V.G., Elkin, F.M., Gur'ev, I.I., Naryshkina, N.A. Fracture toughness of Mg-Li constructional alloys 1-53287
- Kudryavtiskii, A.L., Bebyakina, E.N., Levina, G.P., Klyuchnikov, V.M. Film light filters for the UV region 1-46538
- Kudryavtsev, A.N. see Nikonenkov, N.V. 1-45071
- Kudryavtsev, B.A. see Lyubutin, O.S. 1-35491
- Kudryavtsev, B.A. see Parton, V.Z. 1-19648
- Kudryashov, E.V., Chakalev, K.N. Unsteady heat transfer at an insulated section of a surface 1-46656
- Kudryavtsev, I.K. see Akhmeteli, A.M. 1-34842
- Kudryavtsev, I.V., Kitain, R.S., Grudskaya, R.E., Rymynova, E.V. Comparative evaluation of fatigue strength of cast and forged carbon steel in state of biaxial stress 1-31617
- Kudryavtsev, M.I. see Loznikov, V.M. 1-17910
- Kudryavtsev, N.N., Novikov, S.S. A study of infrared radiation of vibrationally excited CO in the 4.7 μm band and CO₂ in the 4.3 μm and 2.7 μm bands 1-37210
- Kudryavtsev, N.N., Novikov, S.S. Method of measuring vibrational temperatures in thermodynamically nonequilibrium gas flows 1-44920
- Kudryavtsev, N.N., Novikov, S.S., Svetlichnyi, I.B. Influence of additions of hydrogen on the CO₂ vibrational temperature in a gasdynamic laser (GDL) using products of the reaction CO + N₂O 1-10983
- Kudryavtsev, V.M. see Izakson, G.S. 1-15498
- Kudryavtsev, Yu.A. Influence of temperature on the selectivity of dissociation of CF₃I molecules by multiphoton vibrational and subsequent electronic excitation 1-46044
- Kudryavtsev, Yu.P. see Gorskikh, d.N. 1-53358
- Kudryavtseva, A.G. see Gudkova, K.V. 1-37568
- Kudryavtseva, A.V. see Adam, I. 1-636
- Kudryavtseva, E.D., Dovgopol, M.P., Radovskii, I.Z., Gelf, P.V. Effect of composition on the electrical resistance of Fe-V melts 1-30712
- Kudryavtseva, L.K. see Kalyashin, V.I. 1-15483
- Kudryavtseva, S.P. see Bakhrakh, L.E. 1-15067
- Kudu, K.F. Some possible applications of a streamer counter 1-14774
- Kudzin, A.Yu. see Kolesnikova, E.A. 1-31058
- Kudzin, A.Yu. see Panchenko, T.V. 1-25660
- Kudzmanus, S.P. Many-phonon ionization of deep-lying centers by an electric field 1-20663
- Kuebart, W. see Hildebrand, O. 1-34715, 1-47737, 1-52572
- Kuebler, G.P., McKinley, C. Solubility of solid tert-butyl mercaptan in liquid methane and an LNG mixture 1-47246
- Kuech, T.F., McGaldin, J.O. Compositional dependence of Schottky barrier heights for Au on chemically etched InGa_{1-x}P surfaces 1-16363
- Kuehl, D., May, G.W. Circular wedge large aperture field widened interferometer 1-36728
- Kuehl, H.H. see Shourci, M. 1-29869
- Kuehn, D.G., Chanin, L.M. Interference with negative particle sampling due to formation of positive ions in a quadrupole mass spectrometer 1-40892
- Kuehn, T.H. see Shapiro, H.N. 1-17182
- Kuehne, F.J. see Adler, P.N. 1-15919
- Kuehner, J.A. see Shahabuddin, M.A.M. 1-36905
- Kuehner, J.A. see Warwick, A. 1-50495
- Kuen, I., Howorka, F., Stori, H. Population of excited He states ($3 \leq n \leq 5$) by dielectronic He⁺ recombination in DC hollow-cathode discharge 1-51290
- Kuenning, R.W. see Vogtlin, G.E. 1-28754
- Kuentzler, R. see Amamoto, A. 1-25620
- Kuettner, J.P. see Sein, J.S. 1-9259
- Kufahl, G.E. see McDonnell, J.L. 1-18755
- Kuftarkov, Yu.M. see Volkov, Yu.A. 1-42203
- Kuga, K., Tsujii, K., Murayama, S., Yasuda, M. Application of a new high frequency barium discharge lamp to atomic absorption spectrometry 1-10022
- Kugaenko, O.M. see Blistanov, A.A. 1-3488
- Kuge, S., Miyamoto, Y., Kume, S., Koizumi, M. Growth of peculiar shape crystals of diamond 1-35173
- Kugeiko, M.M., Belobrovik, V.I., Ashkainadze, D.A., Sergeev, N.M. Calculating volumetric attenuation factors of light 1-40192
- Kugel, G.E. see Fontana, M.D. 1-42503
- Kugel', K.I., Khomskii, D.I. Polaron effects and exchange interaction in magnetic insulators with Jahn-Teller ions 1-7536
- Kugel', K.I. see Gaisanyuk, A.V. 1-47759
- Kugler, I. Halogen-metal vapour lamps for Super-8 and 16 mm projectors 1-15244
- Kugler, K.-J., Paul, W., Trinks, U. Properties of straight and curved neutron guide tubes. The injection system of the neutron storage ring NESTOR 1-10562
- Kugler, M. On the classification of Yang Mills fields 1-5169
- Kugo, T., Uehara, S. The form of BRS-invariant operators 1-33100
- Kugo, T. see Hata, H. 1-50377
- Kugo, T. see Kimura, Y. 1-27998
- Kugo, T. see Shinohara, M. 1-14127
- Kuhar, M.J. see Young, W.S. 1-53779
- Kuhara, Y. see Iguchi, S. 1-11177
- Kuhi, L.V. see Cohen, M. 1-32744
- Kuhl, J. see von der Linde, D. 1-45036
- Kuhl, T. see Buchinger, F. 1-628
- Kuhl, W. Impact sound of footsteps near quiet rooms and studios 1-29486
- Kuhl, W. see Balter, S. 1-43978
- Kuhlike, D. see Dietel, W. 1-24441
- Kuhlike, D. see Schroter, S. 1-46397
- Kuhlman, H. see Hefflerin, R. 1-1056
- Kuhlman, R.E., Caciolo, C.P. Mechanical strength of the prosthetic-methyl methacrylate bone bond 1-17525
- Kuhlmann, E. see Gudat, W. 1-12632
- Kuhlmann, E. see Kisker, E. 1-31314
- Kuhlmann, F., Hein, U., Lieckfeldt, P., Gunter, A. Investigations of ICs using electron reflection microscopy and digital image processing 1-18336
- Kuhlmann, J.D., Clay, R.W., Liebing, D.F., Thornton, G.J., Gregory, A.G., Prescott, J.R. The correlation of two atmospheric Cerenkov techniques for studying cosmic-ray shower development 1-27352
- Kuhlmann, W., Henzler, M. Non-equilibrium surface state properties at clean cleaved silicon surface as measured by surface photovoltage 1-7669
- Kuhlmann-Wilsdorf, D. Correlating back stresses and friction stresses with dislocation behavior in fatigued copper single crystals 1-31641
- Kuhlmann-Wilsdorf, D., Laird, C. Dislocation behavior in fatigue. V. Breakdown of loop patches and formation of persistent slip bands and of dislocation cells 1-30240
- Kuhlmann-Wilsdorf, D., Pandey, D., Krishna, P. A mechanism for the origin of screw dislocation sequences, giant screw dislocations, and polytypism in platelet crystals 1-20233
- Kuhlmeyer, M. Relation between statistical grain size distribution and yield strength 1-20307
- Kublow, W. see Norton, C.C. 1-22490
- Kuhn, A., Saunders, J.C. Psychophysical tuning curves in the parakeet: a comparison between simultaneous and forward masking procedures 1-32144
- Kuhn, A.T. see Hamzah, H. 1-39478
- Kuhn, E. see Zierski, J. 1-17503
- Kuhn, G. see Hobler, H.-J. 1-20091, 1-48247
- Kuhn, G. see Neumann, H. 1-38690
- Kuhn, G. see Nuemann, H. 1-42650
- Kuhn, G. see Penndorf, J. 1-20587, 1-21370
- Kuhn, G. see Schumann, B. 1-34597
- Kuhn, H., Schroder, G.H. High power pulse generators for fast pulsed magnets developments and operational experience 1-28759
- Kuhn, H. see Dietz, K. 1-43947
- Kuhn, H. see Eschnauer, H. 1-39234
- Kuhn, H. see Peujan, A. 1-44016
- Kuhn, H. see Steiger, R. 1-17082
- Kuhn, J.H., Nussinov, S., Ruckl, R. Charmonium production in B-decays 1-552
- Kuhn, J.H., Ruckl, R. Neutrino production of charmonium 1-539
- Kuhn, J.J. see Guberina, B. 1-10219
- Kuhn, M. The Antarctic—the world's largest desert: The special circumstances of the Antarctic climate 1-54227
- Kuhn, P. New telecommunications systems—the consequences for university teaching and research 1-44745
- Kuhn, P.M., Haughey, L.C., Innis, R.C. Long-wave stratospheric transmission of Mount St. Helens ejecta 1-40198
- Kuhn, S. Integral approach of successive collisions to linear charge-particle transport through a slab 1-18179
- Kuhn, W. The production of colour centres, illustrating quantum mechanical concepts 1-36
- Kuhn, W. Light particle correlations and lifetime measurements 1-50653
- Kuhn, W., Albrecht, R., Damjantschitsch, H., Ho, H., Ronningen, R.M., Slemmer, J., Wurm, J.P., Rode, I., Scheibling, F. Fragment spin distribution in 400 MeV ⁴⁰Ar+⁹¹Nb collisions investigated by light-particle anisotropies 1-23676
- Kuhn, W., Wagner, M. Nonadiabatic approach to tunneling centers and their isotope effect 1-38484
- Kuhn, W. see Trautman, W. 1-45489
- Kuhnast, F.A., Machizaud, F., Vangelisti, R., Flechon, J. Amorphous-crystalline phase transition of the alloy Ni₇₃B₂₇ 1-52073
- Kuhnast, F.A., Machizaud, F., Flechon, J. Structural model of amorphous alloys Ni₆₆B₃₄ and Ni₇₁B₂₉ 1-30090
- Kuhnast, F.A. see Machizaud, F. 1-34236
- Kuhne, G. see Fujita, H. 1-19957
- Kuhne, H. Temperature dependence of doping element incorporation with the chemical vapour deposition of epitaxial silicon. IV. Incorporation of phosphorus in the Si-H-Cl-P system 1-21359
- Kuhne, H., Sperling, R. Temperature dependence of doping element incorporation with the chemical vapour deposition of epitaxial silicon. V. Incorporation of arsenic 1-20589
- Kuhne, H., Sperling, R., Morgenstern, Th. Temperature dependence of doping element incorporation with the chemical vapour deposition epitaxial silicon (VI) SiH₄-HCl-PH₃-H₂ system 1-42408
- Kuhne, J. Structure and strength of metastable austenitic steels 1-31460
- Kuhne, J. see Kutz, K.H. 1-31426
- Kuhne, R., Reineker, P., Kenke, V.M. Calculation of the frequency-dependent photoconductivity of organic molecular crystals 1-52607
- Kuhnel, A., Singer, W. On the low temperature magnetization of the Heisenberg ferromagnet 1-47838
- Kuhnel, A. see Geppert, U. 1-21035
- Kuhnel, G. see Monecke, J. 1-47688
- Kuhnel, G. see Siegel, W. 1-34705
- Kuhnel, G. see Grimm, R. 1-14264
- Kuhnemann, B. see Gopel, W. 1-47919
- Kuhnemann, H. see Will, P. 1-6792

- Kuknen, R. *see* Burger, K.H. 1-24102
- Kuhr, E., Taubner, F. Measurements of the ratio between planar and random stopping power for 80 to 300 keV protons in silicon 1-20287
- Kuhs, W.F. *see* Fiechter, S. 1-15840
- Kuihara, K. *see* Fuse, M. 1-45701
- Kuijper, P.G. *see* van Apeldoorn, G.W. 1-45357
- Kuijpers, E.P. The geologic history of the Nicoya Ophiolite Complex, Costa Rica, and its Geotectonic significance 1-17574
- Kuipers, J. Theory of type IV dm bursts 1-4892
- Kuipers, H.K. *see* Van Erk, W. 1-53109
- Kuikka, J. *see* Levin, M. 1-8790
- Kuin Chan Van *see* Chan Van Kuin
- Kuindzhi, V.V., Strezhev, S.A., Popov, M.T. Gratings for diffraction interferometers 1-41822
- Kuiper, A.E.T., Thomas, G.E., Schouten, W.J. Ion cluster beam deposition of silver and germanium on silicon 1-12659
- Kuiper, T.B.H. *see* Murphy, J.P. 1-49512
- Kuipers, H. *see* Campbell, C.T. 1-35569
- Kuipers, H. *see* Frenkel, F. 1-33497
- Kuivalainen, P., Eränen, S., Kaski, K., Stubb, T. Resistivity decrease due to ferromagnetic resonance in EuO 1-12123
- Kuivalainen, P. *see* Kaski, K. 1-3350
- Kujal, B., Kujal, J. Computer programmes systems for fast reactor calculations and its application to large fast power reactor design 1-5829
- Kujal, J. *see* Kujal, B. 1-5829
- Kujawski, D., Kallianpur, V., Krempl, E. An experimental study of uniaxial creep, cyclic creep and relaxation of AISI type 304 stainless steel at room temperature 1-35311
- Kujawski, E., Shahin, A.F., Glueckler, E.L. Inherent accommodation of unprotected loss-of-flow accidents in LMFBRs 1-45697
- Kujawski, E. *see* May, R.S. 1-28721
- Kujoory, M.A., Miller, E.L., Barrett, H.H., Gindi, G.R., Tamura, P.N. Coded aperture imaging of γ -ray sources with an off-axis rotating slit 1-33081
- Kujore, A. *see* Chakraborty, S.B. 1-21531
- Kuk, Y. *see* Melmed, A.J. 1-53059
- Kukase, T., Morita, S., Kajimura, K., Nakanomoto, T., Mikoshiba, N. Anomalous frequency dependence of giant quantum attenuation in bismuth below 1K 1-2571
- Kukavadze, G.M. *see* Dyadin, Yu.V. 1-28713
- Kukelskaya, O.I. *see* Mayurnikov, A.V. 1-48343
- Kuketaev, T.A. *see* Kurmanov, M.K. 1-25430
- Kukharenk, Y.A. On the theory of scattering of slow electrons in solids 1-31241
- Kukharenk, Y.A. *see* Zaporozhchenko, V.I. 1-30285
- Kukhtarev, N. *see* Borshch, A. 1-15227
- Kukhtarev, N.V. Self-diffraction of acoustic waves and anomalous electroacoustic echo 1-29469
- Kukhtarev, N.V., Kovalenko, G.V. Wavefront reversal in interband absorption in semiconductors 1-1646
- Kukhtarev, N.V., Odoulov, S.G. Wavefront conjugation via degenerate four-wave mixing in electro-optic crystals 1-19385
- Kukhtarev, N.V., Semenov, T.I. Wavefront reversal of optical beams in resonant media 1-51555
- Kukhtarev, N.V. *see* Vinetski, V.L. 1-33639
- Kukhtevich, V.I. *see* Azovtsev, V.P. 1-32960
- Kukhtevich, V.I. *see* Chernyakov, V.N. 1-45018
- Kuki, T. *see* Miyamoto, T. 1-36078
- Kukielka, C.A. *see* Ojeda, R.J. 1-899
- Kukimot, H. *see* Mizuno, H. 1-39774
- Kukimot, H. *see* Muneakata, H. 1-12538
- Kukimot, H. *see* Oda, S. 1-39156
- Kukimot, H. *see* Shirakawa, Y. 1-38745
- Kukk, P. *see* Freiberg, A. 1-23343
- Kuklev, A.A. *see* Bengus, V.Z. 1-15900
- Kukleva, Z.A., Kozhukhova, V.T., Stepina, G.K. Fabrication of optical components from the type STF and TBF nonsilicate glasses 1-15294
- Kuklin, G.V. On two populations of sunspot groups 1-32682
- Kuklin, G.V. *see* Kopecky, M. 1-40453
- Kuklin, R.N. Better definition of the contribution of long-range forces to the thermodynamics of concentrated electrolytes 1-53435
- Kuklin, V.M. *see* Kondratenko, A.N. 1-2191
- Kukol, V.V. *see* Mil'ner, A.P. 1-34327
- Kukolev, G.V., Ved', V.E., Dobrovolskii, G.B., Miroshnichenko, A.A. Thermal stability of magnesian ceramics in a low-temperature plasma stream 1-3794
- Kukovitskii, E.F. *see* Garifullin, I.A. 1-47944
- Kukreja, L.M. *see* Gupta, B.L. 1-19346
- Kuks, V.G. Determining the optimum asperizing conditions on "planeta" lathes 1-11191
- Kuksa, L.V. *see* Krysov, V.I. 1-8315
- Kuksa, N.N. Signal-to-noise ratio in a photoelectric defectoscope 1-31814
- Kuksa, V.I. Formation of Antarctic intermediate water in the World Ocean 1-54133
- Kuksenko, V.S. *see* Miroshnichenko, M.I. 1-21586
- Kuksenko, V.S. *see* Vettegren, V.I. 1-12859
- Kuksenova, L.I. *see* Rybakova, L.M. 1-16899
- Kukudzanov, A.R. *see* Kolomoiskii, Yu.R. 1-33522
- Kukulin, V.I. *see* Krasnopol'sky, V.M. 1-14506
- Kukulyanu, V., Jordanov, I.D., Sabotinov, L.S. A method for solving multi-group diffusion equations 1-23747
- Kukushkin, A.S., Pistunovich, V.I. Optimization of plasma parameters in a hybrid reactor-Tomamak 1-28704
- Kukushkin, I.V. *see* Kulakovskii, V.D. 1-7533, 1-52495
- Kukushkin, S.A., Maksimov, A.I., Petrov, A.A. Impurity distribution over the crystallization front in growth of $\text{Bi}_2\text{SiO}_{10}$ single crystals by the Czochralski method 1-25188
- Kukuta, K. *see* Ochi, M. 1-39433
- Kulacki, F.A., Boriah, S., Martin, S.A. Corona discharge augmentation of the catalytic combustion of hydrogen in the diffusion controlled regime 1-29654
- Kulacki, F.A., Min, J.H., Nguyen, A.-T., Keyhani, M. Steady and transient natural convection in single and multi-fluid layers with heat generation 1-5867
- Kulacki, F.A. *see* Emara, A.A. 1-37929
- Kulaga, A.E. *see* Petviashvili, V.I. 1-6971
- Kulagin, B.N. *see* Pokatilov, V.S. 1-26076
- Kulagin, D.G. *see* Shustov, M.A. 1-28097
- Kulagin, N.A., Landar, S.V., Podus, L.P., Litvinov, L.A., Apanasen, A.L., Zaitseva, Yu.V., Mashkevich, O.L., Tolok, I.V. Investigation of the growth defects in strontium titanate single crystals 1-52129
- Kulagin, N.A., Mashkevich, O.L. Chemical shift of X-ray K-lines of 3d-ions 1-51156
- Kulagin, N.E. *see* Eleonskii, V.M. 1-42934
- Kulagin, V.D. *see* Elekskii, A.V. 1-1391
- Kulagin, V.D. A parabolic problem with an unknown boundary 1-29770
- Kulagin, V.V. *see* Dvinskikh, Yu.V. 1-31401
- Kulak, R.F. Theory and application of three-dimensional treatment of pool-type liquid-metal fast breeder reactor components 1-33319
- Kulak, R.F. Three-dimensional analysis of reactor decks and their supports 1-33322
- Kulakov, A.K. *see* Grebennikov, O.F. 1-26907
- Kulakov, A.V., Afanas'ev, A.I., Dmitriev, Yu.A., Ivanov, S.I. Analysis of the particle motion in magnetron electron beams in the nonadiabatic approximation 1-37397
- Kulakov, M.A., Morozov, A.I. Scanning acoustic microscope with an integrated acoustic element 1-41935
- Kulakov, M.A. *see* Morozov, A.I. 1-51673
- Kulakov, M.P., Grinev, V.I. Infrared absorption of aluminum-doped zinc selenide [and relation to free carrier concentration] 1-43140
- Kulakov, S.T. Experimental determination of the parameters of electrooptic crystals at microwave frequencies 1-12477
- Kulakov, S.V. *see* Kludzin, V.V. 1-46547
- Kulakov, Yu.A. *see* Tkachenko, S.G. 1-3792
- Kulakova, T.B. *see* Marchuk, I.V. 1-44035
- Kulakovskii, V.D. Luminescence of many-exciton complexes in silicon 1-12552
- Kulakovskii, V.D., Kukushkin, I.V. Exchange energy in an electron-hole fluid with different distributions of the electrons on the valleys in silicon 1-7533
- Kulakovskii, V.D., Kukushkin, I.V., Timofeev, V.B. The partial composition of a dense electron-hole system and the exciton-plasma transformation in uniaxially stressed silicon 1-52495
- Kulander, K.C. Wavepacket theory of collisional dissociation in molecules 1-51272
- Kulander, K.C., Light, J.C. Photodissociation of triatomic molecules: application of the R-matrix propagation methods to the calculation of bound-free Franck-Condon factors 1-24199
- Kulander, K.C. *see* Gray, J.C. 1-37311
- Kulapin, L.G. *see* Batkin, I.S. 1-5733
- Kulaszewicz, S. Electrical, optical and structural properties of SnO_2/Sb films deposited by hydrolysis 1-43284
- Kul'bachevskaya, E.V. *see* Lazarev, E.M. 1-42645
- Kul'bachinskii, V.A. *see* Brandt, N.B. 1-20298
- Kul'chikhin, E.T., Martynenko, M.E., Sadakov, O.S. An expanded masing principle to describe nonisothermal strain curves for tests with periods of aging 1-3865
- Kulchitskii, V.E., Spirtus, V.B. Studies in the crustal structure under the seismic station "Simferopol" by the first extrema of distant earthquake records 1-4469
- Kulcinski, G.L. *see* Hsu, P.Y. 1-41240
- Kulcinski, G.L. *see* Ragheb, M.M. 1-18887
- Kulcinski, G.L. *see* Tjha, E. 1-52178
- Kulda, J. *see* Mikula, P. 1-7048
- Kuleev, V.G., Kononov, P.S., Telegina, I.A. Effect of tension on the electromagnetic-acoustic conversion in nickel 1-35486
- Kuleev, V.G. *see* Shul'gin, V.A. 1-39574
- Kulesa, F. *see* McGreen, J. 1-48831
- Kuleshov, A.P. *see* Kruglova, A.V. 1-29419
- Kuleshov, E.A. *see* Kruchinin, V.D. 1-15808
- Kuleshov, G.G. Broad phase transitions of the first kind 1-52269
- Kuleshov, G.G. *see* Nesterenko, V.B. 1-50710
- Kuleshov, V.V. *see* Feronov, A.D. 1-31107
- Kuleshova, T.B., Razumovskaya, O.N., Belyaev, I.N., Salei, V.S. Formation reactions and thermal stability of $\text{Ca}_2\text{NbCoO}_6$ and $\text{Ca}_2\text{TaCoO}_6$ 1-35513
- Kuleshova, T.B. *see* Zaitsev, S.M. 1-30171
- Kuleshova, V.P. *see* Gayvoronskaya, T.V. 1-4686
- Kulesko, G.I., Borzenko, T.B. Electron scattering by edge and screw dislocations in zinc 1-2952
- Kulesko, N.O. *see* Beigel'zimer, Ya.Yu. 1-26540
- Kulevskii, L.A. *see* Bagdasarov, Kh.S. 1-51490
- Kuleznev, V.N. The colloidal structure of polymer mixtures. Its formation and effect on properties 1-43708
- Kuleznev, V.N. *see* Markov, N.G. 1-8372
- Kul'gin, A.A. *see* Nesis, S.E. 1-11345
- Kul'gina, L.M. *see* Nesis, E.I. 1-15365
- Kulibaba, V.I. *see* Bochek, G.L. 1-2541
- Kulic, M. Interplay of exchange and electromagnetic effects in the coexistence of superconductivity and helical spin order 1-42889
- Kulic, M. *see* Dobrosavljevic, L. 1-20903
- Kulich, S.B. *see* Naumov, V.A. 1-18736
- Kulich, V. *see* Witte, H.-H. 1-46587
- Kulichenko, A.N. *see* Smirnov, B.I. 1-3047
- Kulick, J.D. *see* Bastuscheck, C.M. 1-38899
- Kuliev, A.A. *see* Abishov, V.T. 1-31433
- Kuliev, G.G. Effect of the form of external loads on the local loss of stability of the state of equilibrium of a half-space near a central vertical crack 1-19600
- Kuliev, G.M. *see* Kuliev, Yu.N. 1-39038
- Kuliev, S.A. *see* Cherepanov, G.P. 1-19559
- Kuliev, V.D., Kaplan, A.B. Evaluating crack growth in flat design elements 1-35375
- Kuliev, V.D., Kaplan, A.B. Effect of residual stresses on the subcritical growth of fatigue cracks in welds 1-39448
- Kuliev, Yu.N., Kuliev, G.M. The theory of bound oscillations of piezoceramic cylinder with disconnected electrodes 1-39038
- Kulik, A.N., Khuda, O.Z. Influence of the shape of a volume heat source on the temperature field of a thin plate 1-46665
- Kulik, A.V. *see* Davidov, V.A. 1-1023
- Kulik, A.V. *see* Dzheyladin, R.I. 1-23503
- Kulik, A.V. *see* Viktorov, R.A. 1-10197, 1-10221
- Kulik, I.O., Omel'yanchuk, A.N., Yanson, I.K. Nonequilibrium phonons in point contact between normal metals 1-47806
- Kulik, I.O., Pedan, A.G. Phase transition in the "superconducting glass" model 1-12224
- Kulik, I.O. *see* Gogadze, G.A. 1-3094
- Kulik, I.O. *see* Maznik, S.M. 1-30508
- Kulik, T., Matyja, H. The effect of plastic deformation of amorphous Pd-Si alloys on their thermal properties 1-35316
- Kulik, V.V. *see* Kozachok, I.A. 1-22330
- Kulikov, A.V. *see* Burg, J.P. 1-23912
- Kulikov, G.M. *see* Grigolyuk, E.I. 1-46675
- Kulikov, I.I. *see* Kolpakov, I.F. 1-28804
- Kulikov, I.S. Oxidation of Ir 1-48729
- Kulikov, I.S. *see* Fedorov, V.B. 1-17113
- Kulikov, N.I., Tugushev, V.V. An electronic band structure model for the metal-semiconductor transition in cerium-group hydrides 1-20634
- Kulikov, V.A. The type-I directional diagram of trench shot sources of S-waves 1-22257
- Kulikov, V.A. *see* Trigonov, A.V. 1-40079
- Kulikov, V.D. *see* Pronomarev, V.S. 1-48762
- Kulikov, V.E., Kulikovskaya, N.I. The energy distribution in the image of a point for a light beam having an amplitude that exhibits a Gaussian variation 1-1508
- Kulikov, V.V. *see* Abramov, B.M. 1-992
- Kulikov, V.V. *see* Petrov, M.P. 1-19296
- Kulikov, Yu.V. *see* Agapov, N.N. 1-6063
- Kulikov, Yu.V. *see* Smirnov, N.A. 1-24346
- Kulikova, K.F. *see* Aleksandrov, E.M. 1-53115
- Kulikova, L.V. *see* Lanskaya, K.A. 1-16784
- Kulikovskaya, N.I. *see* Kulikov, V.E. 1-1508
- Kulikovskii, A.A. *see* Eremin, A.I. 1-41479
- Kulikovskii, A.G., Reutov, V.A. Propagation of nonlinear waves above semi-infinite underwater troughs and ridges 1-51786
- Kulikovskii, S.Yu. *see* Bugayev, A.A. 1-41575
- Kulikovskii, A.G. *see* Barmin, A.A. 1-29721
- Kulkowski, J.J. *see* King-Smith, P.E. 1-39934
- Kulinski, T., Kaczmarek, F., Ludwiczak, M., Blaszcak, Z. Emission characteristics of an LiF:F₂ colour centre laser in the visible 1-15172
- Kulipanov, G.N. *see* Artamonov, A.S. 1-23893, 1-23894
- Kulish, N.P. *see* Zubchenko, A.S. 1-8442
- Kulish, N.R., Maznichenko, A.F., Bulakh, B.M. Influence of laser radiation intensity on the edge absorption spectrum of CdSe 1-21229
- Kulish, P.P., Reshetikhin, N.Yu. Generalized Heisenberg ferromagnet and the Gross-Neveu model 1-42940
- Kulish, V.V. *see* Kotsarenko, N.Ya. 1-24349
- Kulish, Yu.V. *see* Barannik, V.P. 1-36860, 1-50429
- Kuliscic, P. A contribution to the standardization of physical quantities in solar energy 1-4166
- Kulkarni, A. *see* Swift, J. 1-16019
- Kulkarni, A.K. *see* Dhar, O.N. 1-4650
- Kulkarni, D.K. *see* Deshpande, P.D. 1-25208

- Kulkarni, G.V., Ray, A., Patel, C.C. Molecular orbital studies on some 4-substituted pyridine N-oxides and 4-nitroquinoline N-oxide 1-45849
- Kulkarni, H., Beardmore, P. Design methodology for automotive components using continuous fibre-reinforced composite materials 1-39585
- Kulkarni, M.V. *see* Agopian, G.K. 1-26779
- Kulkarni, P.N. *see* Patil, N.K. 1-5434
- Kulkarni, P.V. *see* Majumdar, N.H. 1-27325
- Kulkarni, S. *see* Feulner, P. 1-11982
- Kulkarni, S.B., Lall, C., Pope, D.P., Graham, C.D., Jr. The deformation of silicon at high temperatures and strain rates 1-26563
- Kulkarni, S.D. *see* Prasad, N. 1-48529
- Kulkarni, S.R., Heiles, C. How to obtain the true correlation from a 3-level digital correlator [radioastronomy] 1-9376
- Kulkarni, S.V., Sharma, L.K. Solvable potentials for the Klein-Gordon equation 1-45109
- Kulkarni, V.N. *see* Asundi, V.K. 1-7393
- Kulkarni, V.T. *see* Dhumwad, R.K. 1-41363
- Kulkarni, V.W. *see* Laud, B.B. 1-3476, 1-39133
- Kul'ko, I.P. *see* Kul'ko, V.F. 1-33597
- Kul'ko, V.F. Acoustic field of elementary radiators with finite amplitude of the field at their position points 1-37653
- Kul'ko, V.F., Kul'ko, I.P. Operational form of the record of the formula describing the field of a radiator and its use for field calculations in homogeneous media 1-33597
- Kul'kov, V.D. *see* Kalevich, V.K. 1-21076
- Kul'kova, T.F. *see* Rozental, O.M. 1-8464
- Kull, K. *see* Jeavons, A. 1-14732
- Kullendorff, N. *see* Grimmeiss, H.G. 1-7559, 1-38744
- Kul'man, N.Yu. *see* Abramov, V.V. 1-596
- Kulp, C.R. *see* Smith, H.W. 1-13372
- Kulshreshtha, A.P. *see* Jain, V.K. 1-48843
- Kulshreshtha, S.K., Raj, P. Anisotropic hyperfine fields in FeSn by Mossbauer spectroscopy 1-31070
- Kulshreshtha, S.K. *see* Raj, P. 1-26083
- Kulshrestha, S.K., Srivastava, A.P. Dielectric properties of polystyrene and polystyrene-chloranil 1-3317
- Kul'vanskaya, B.S. *see* Bednyak, L.G. 1-30530
- Kul'vanskaya, B.S. *see* Dmitriev, S.G. 1-43238
- Kulvitiit, Y., Rolland, S., Granger, R., Pelletier, C.M. Composition versus lattice constant and band gap of $\text{Pb}_{1-x}\text{Cd}_x\text{Te}$ 1-2870
- Kulyasskin, V.N. *see* Zaugol'nikov, R.G. 1-23259
- Kulygina, M.P. *see* Lishnevskii, V.A. 1-53509
- Kulynych, G.E. *see* Bond, G.R. 1-45656
- Kulyupin, Yu.A. *see* Borziak, P.G. 1-52668
- Kumabe, K., Matsumoto, N. GaAs and GaP amorphous-film/crystal junctions 1-16608
- Kumabe, K. *see* Matsumoto, N. 1-25585
- Kumada, K., Naohara, T., Fujiwara, T. Ferrite precipitation in 25 Cr-20 Ni steel 1-12750
- Kumada, T. *see* Iida, T. 1-30439
- Kumagai, K. *see* Odajima, K. 1-11573
- Kumagai, K. *see* Sengoku, S. 1-24988
- Kumagai, K. *see* Suzuki, N. 1-25039
- Kumagai, K. *see* Yamauchi, T. 1-29848
- Kumagai, M., Uchimura, R., Kishidaka, H. AE characteristics and deformation-fracture behavior of refractories under three-point bend test 1-21686
- Kumagai, N. *see* Hattori, T. 1-1715
- Kumagai, N. *see* Makita, Y. 1-24498
- Kumagai, O., Kaneko, K. Fe ion dose dependence of deep levels in $\text{Si p}^+ \text{-n}$ junction 1-16250
- Kumagai, Y. *see* Okuyama, K. 1-20876
- Kumagawa, M., Quang, N.V. Micron-sized facets in pulled GaSb crystals 1-47390
- Kumagawa, M. *see* Quang, N.V. 1-47030
- Kumakhov, M.A. Deflection of charged particles in a crystal 1-33361
- Kumakhov, M.A. *see* Beloshitskii, V.V. 1-25345
- Kumao, A., Hashimoto, H., Nissen, H.-U., Endoh, H. Ca and Na positions in labradorite feldspar as derived from high-resolution electron microscopy and optical diffraction 1-47046
- Kumar, A. Dielectric properties of styrene-butadiene rubber-carbon at microwave frequency 1-21103
- Kumar, A. Exact O-stable scalar Gaussian solitons in confining models 1-36809
- Kumar, A., Gunye, M.R. High spin yrast states in even platinum isotopes 1-28371
- Kumar, A., Nagarajan, P.S. Neutron fluence-to-dose conversion factors for (α , n) sources 1-6066
- Kumar, A., Nath, R. Current-voltage characteristics of pure and iodine-doped cellulose acetate 1-7626
- Kumar, A., Roy, B.N. Proton impact double ionisation of noble-gas atoms 1-41468
- Kumar, A. *see* D'Souza, M. 1-1196
- Kumar, A. *see* Kaushik, Y.D. 1-19161, 1-22561
- Kumar, A. *see* Khular, E. 1-46552
- Kumar, A. *see* Kim, M.W. 1-16077
- Kumar, A. *see* Nagayama, K. 1-19219
- Kumar, A. *see* Ostrach, S. 1-6860
- Kumar, A. *see* Prasad, N. 1-25375
- Kumar, A. *see* Sodha, M.S. 1-17241, 1-17242, 1-53664
- Kumar, A. *see* Srivastava, A. 1-21929
- Kumar, A. *see* Verma, B.G. 1-15571
- Kumar, A.A., Heinrichs, J. Generalised continuous-time random walk approach to non-Markoffian transport in random systems 1-18154
- Kumar, A.A. *see* Butcher, P.N. 1-7644
- Kumar, A. *see* Vijay *see* Vijay Kumar, A.
- Kumar, B., Giri, V.S. Perturbation theory for quantum fluids at high temperature 1-23106
- Kumar, B., Miller, T.R., Siegel, B.A., Mathias, C.J., Markham, J., Ehrhardt, G.J., Welch, M.J. Positron tomographic imaging of the liver with Ga-68 iron hydroxide colloid 1-43986
- Kumar, B., Singh, B.P. Correction of count-rate variations due to gain-shifts in the gamma-ray transmission method 1-37048
- Kumar, B.R. Heavy vector mesons 1-23506
- Kumar, B.R. Heavy vector mesons 1-45315
- Kumar, B.R. *see* Adamovich, M.I. 1-45317
- Kumar, B.R. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Kumar, B.R. *see* Fiorino, A. 1-50583
- Kumar, B.V.K.V. *see* Psaltis, D. 1-46232
- Kumar, C., Estrin, J. Crystal growth under nonuniform conditions 1-34265
- Kumar, D., Pandey, R.B., Barma, M. Critical properties of diluted anisotropic magnets near percolation threshold 1-52790
- Kumar, D. *see* Gupta, R.S. 1-37779
- Kumar, D. *see* Vijay *see* Vijay Kumar, D.
- Kumar, J. Sampath *see* Sampath Kumar, J.
- Kumar, K. Shape coexistence in ^{160}Se and ^{240}Pu : a comprehensive view based on the dynamic deformation model 1-10311
- Kumar, K. Matrix elements of the Boltzmann collision operator in a basis determined by an anisotropic Maxwellian weight function including drift 1-14075
- Kumar, K. Relation between polynomials orthogonal with respect to a class of Gaussian weight functions 1-14076
- Kumar, K., Das, D. Structure modification of β -boron by plasma spraying 1-8239
- Kumar, K., Skullerud, H.R., Robson, R.E. Kinetic theory of charged particle swarms in neutral gases 1-15565
- Kumar, K. *see* Das, D. 1-8253
- Kumar, K.G. Ravi *see* Ravi Kumar, K.G.
- Kumar, K.K. Vijay *see* Vijaya Kumar, K.K.
- Kumar, K.S., Nogami, Y. Solutions of the Low equation in the no-crossing approximation 1-10086
- Kumar, M.B. *see* Knauth, L.P. 1-13433
- Kumar, N.G. Viscosity-molecular weight-temperature-shear rate relationships of polymer melts: a literature review 1-34498
- Kumar, P. *see* Kalliat, M. 1-53417
- Kumar, P. *see* Kjalmdan, L.H. 1-52788
- Kumar, P.K. Ashwini *see* Ashwini Kumar, P.K.
- Kumar, R. Non-equilibrium thermodynamics of non-linear electroosmotic effects across a porous membrane 1-35573
- Kumar, R. *see* Chandra, J. 1-29589
- Kumar, R. *see* Sadana, Y.N. 1-39254
- Kumar, S. Stochastic models with variable viscosity for hydrodynamic lubrication of rough surfaces 1-25367
- Kumar, S., Hanson, W.B. The morphology of metallic ions in the upper atmosphere 1-40257
- Kumar, S., Mehta, C.L. Time evolution operator for N interacting quantum harmonic oscillators 1-9865
- Kumar, S., Sharma, J.K., Tewari, D.P. Filamentation instability of an upper hybrid laser radiation propagating in a magnetoplasma 1-2187
- Kumar, S. *see* Govil, A.K. 1-3049
- Kumar, S. *see* Yadav, R.S. 1-22756
- Kumar, S.N., Malhotra, L.K., Chopra, K.L. Low cost electroless nickel black coatings for photo-thermal conversion 1-32046
- Kumar, T.M. Pradeep *see* Pradeep Kumar, T.M.
- Kumar, V. Friction of a plane porous slider of optimum profile 1-19566
- Kumar, V., Bansal, L.K., Goyal, S.C. The effect of anharmonicity on the optical properties of silver and thallium halides 1-25394
- Kumar, V., Chaudhary, D.R. Prediction of effective thermal conductivity of two-phase porous materials using resistor model 1-29521
- Kumar, V., Krishnakumar, E. Autoionization of O_2 by photoelectron spectroscopy 1-51242
- Kumar, V., Sahni, D.C. Fundamental mode decay constants for small two- and three-dimensional pulsed neutron moderator assemblies 1-23705
- Kumar, V., Varma, S.C., Sharma, A.P., Arya, N.S., Goyal, D.P., Mozumder, A., Singh, S. Projectile independence of normalized charged-particle multiplicity in hadron-nucleus collisions at energies ≥ 50 GeV 1-33207
- Kumar, V., Verma, N.S., Varma, S.C., Sharma, A.P. Momenta and rapidity characteristics of the multiparticle production in 50 GeV/c π^- emulsion collision 1-5806
- Kumar, V. *see* Jansson, L. 1-50168
- Kumar Dey, T., Chaudhuri, K.D. Influence of anionity doping on electronic thermal conductivity of bismuth 1-12104
- Kumar Jain, S., Tamamushi, R. Solution properties of the molten hydrates of zinc nitrate 1-20510
- Kumar Jain Akhilesh *see* Akhilesh Kumar Jain
- Kumar Kaul, V., Seshagiri Rao, M.G. Ultrasonic absorption studies in the critical binary systems iso-octane-m-toluidine 1-37735
- Kumari, S. *see* Jain, G.C. 1-30980
- Kumasaka, K., Ono, K. Semihard magnetic properties of Fe-Co-W alloys 1-26637
- Kumasaka, K., Ono, K. Magnetic anisotropy of an Fe-Co-W semihard magnetic alloy 1-43544
- Kumasaka, N. *see* Ichinose, Y. 1-8443
- Kumashiro, Y., Itoh, A., Sakuma, E., Misawa, S. Plasma jet generator for RF plasma zone melting 1-19981
- Kumashiro, Y., Sakuma, E., Kimura, Y., Ihara, H., Misawa, S. The preparation of NbN and NbC single crystals by an RF floating zone process 1-31342
- Kumashiro, Y. *see* Hoshino, S. 1-47438
- Kumata, K. *see* Yamamoto, K. 1-26120
- Kumazaki, K. Elastic properties and valence-force-field theory in zero-gap semiconductors 1-16247
- Kumazawa, Y. *see* Okanishi, S. 1-32237
- Kumbartzki, G.J. *see* Gerber, J. 1-16513
- Kumbartzki, G.J. *see* Goldberg, M.B. 1-18542
- Kume, K. *see* Kawakami, M. 1-52866
- Kume, S., Machida, M., Mizukusa, S., Taguchi, A., Nakayama, N. Generation of hydrostatic pressure by liquid-solid hybrid system 1-18244
- Kume, S., Machida, M., Mizukusa, S., Taguchi, A., Nakayama, N. Generation of hydrostatic pressure by liquid-solid hybrid system. II. Continuous measurement of hydrostatic pressure by using Manganin wire 1-50150
- Kume, S. *see* Fujinaka, H. 1-35227
- Kume, S. *see* Kuge, S. 1-35173
- Kumeda, M. *see* Suzuki, M. 1-4191, 1-21050
- Kumekov, S.E. *see* Gutkin, A. 1-20866
- Kummel, H. *see* Krottscheck, E. 1-168
- Kummel, R. *see* Rauh, H. 1-7746, 1-12173, 1-52656
- Kummer, M. *see* Horn, D. 1-31963
- Kummer, R.B. Precise characterization of long nonidentical-fiber splice loss effects 1-11554
- Kummer, R.B. *see* Geschwind, S. 1-48083
- Kummer, R.B. *see* Miller, C.M. 1-11133
- Kumosaki, K. *see* Fujii, T. 1-12371
- Kumpf, U.E. Trans-fiberoptic photography speeds electron microscopy 1-5436
- Kumpulainen, J. *see* Kleemola, H. 1-21519
- Kumura, M., Ito, M. Automatic in-core sipping equipment development 1-45703
- Kumura, M. *see* Ikawa, S. 1-6249
- Kumura, T. *see* Kawachi, M. 1-33833
- Kun, B. *see* Szabo, A. 1-27933
- Kun, Z.K., Leksell, D., Malmberg, P.R., Murphy, J., Sienkiewicz, L.J. The influence of chlorine on the crystal structure and electroluminescent behavior of ZnS:Mn films in thin film electroluminescent devices 1-48168
- Kun Fun Hoong *see* Hoong Kun Fun
- Kun Tao *see* Tao Kun
- Kun-Mu Chen Comment on 'Numerical calculation of electromagnetic energy deposition for a realistic model of man' 1-4322
- Kun-Mu Chen *see* Karimullah, K. 1-22058
- Kunakov, V.G. *see* Savchenko, G.A. 1-11295
- Kunath, H. Spark quenching on switch contacts 1-52006
- Kunc, K., Martin, R.M. Relaxation of polar Ge-As(100) interfaces: self-consistent calculations of the total energy 1-52647
- Kunc, K. *see* Taiwar, D.N. 1-48124
- Kundel, H.L., Revesz, G. Analysis of the pulmonary vasculature in cardiac failure by computer evaluation of radiographs 1-9015
- Kundert, M. Radiodiagnosis of occlusal temporomandibular joint dysfunctions: fluoroscopic positioning for individualized oblique-lateral projections 1-17481
- Kundert, W. The how's and why's of integration sound-level meters 1-24631
- Kundikov, V.D. *see* Blistanov, A.A. 1-3488
- Kundrat, N.M. *see* Opanasovich, V.K. 1-33931
- Kundrotas, J.P., Dargys, A.J. PtSb₃ permittivity measurements at microwave frequencies 1-21108
- Kundt, W., Gopal-Krishna. Extremely relativistic electron-positron twin-jets from extragalactic radio sources 1-17903
- Kundt, W., Robnik, M. Dipole confined by a disk 1-32693
- Kundu, A. Soliton solutions with non-trivial Hopf invariant on an intermediate S^3 manifold 1-45108
- Kundu, H.K., Massand, O.P., Marathe, P.K., Venkataraman, G. Sodium pyrophosphate—a new thermoluminescent detector 1-14720
- Kundu, M. *see* Talukdar, B. 1-45477
- Kundu, M.R. Solar burst observations at centimeter wavelengths 1-4873
- Kundu, M.R., Angerhofer, P.E., Furst, E., Hirth, W. Observations of the old supernova remnant S 147 at 11.1 and 18.2 cm wavelengths 1-27588

- Kundu, M.R., Rao, A.P., Erskine, F.T., Bregman, J.D. Observations of the quiet Sun with 6" resolution 1-4861
- Kundu, M.R., Schmahl, E.J. Upper limits on the power in solar oscillations at 1.2 mm, 9 mm, 3.7 cm, and 11.1 cm wavelengths 1-13746
- Kundu, M.R., Schmahl, E.J., Rao, A.P. VLA observations of solar active regions at 6 cm wavelength 1-49592
- Kundu, M.R., Velusamy, T. Observation with the VLA of a stationary loop structure on the Sun at 6 centimeter wavelength 1-13747
- Kundu, M.R. see Ahmad, I.A. 1-54448
- Kundu, M.R. see Angerhofer, P.E. 1-54589
- Kundu, M.R. see Gergely, T.E. 1-4899
- Kundu, M.R. see Holman, G.D. 1-4902
- Kundu, M.R. see Velusamy, T. 1-4868
- Kundu, M.R., Gergely, T.E. (editor) Radio Physics of the Sun. IAU Symposium No.86 1-19
- Kundzewicz, Z. see Strupczewski, W.G. 1-49290
- Kundzich, A.G. see Bondarenko, V.S. 1-25766
- Kunert, H., Suffczynski, M. Vector-coupling coefficients for space groups based on simple cubic lattices 1-20096
- Kunert, H., Zimpel, M. Coupling coefficients for the marcasite structure 1-42334
- Kunetskii, M.G. see Guminetskii, S.G. 1-1658, 1-51372
- Kuney, N.K., Ljutzkanov, V.L., Dimitrov, S.B. Control and feeding of an excimer laser 1-33705
- Kung, D.A. see Hai-Lung Dai 1-29058
- Kung, E.C., Sharif, T.A. Regression forecasting of the onset of the Indian summer monsoon with antecedent upper air conditions 1-4580
- Kung, H.H. see Cheng, W.H. 1-34558
- Kung, H.H. see Jarrett, H.S. 1-35547
- Kung, M.C. see DeVault, D. 1-8829
- Kung-Ming Jan see Chen, R.Y.Z. 1-27048
- Kunhardt, E.E., Bysszewski, W.W. Development of overvoltage breakdown at high gas pressure 1-38044
- Kunhardt, E.E., Levinson, S., Alley, M. Nanosecond-pulse breakdown in gases at high overvoltages 1-38045
- Kunhardt, E.E. see Dhali, S.K. 1-38178
- Kunibe, T. see Kaneko, O. 1-15624
- Kunieda, H. see Matsuo, K. 1-22927
- Kunieda, H. see Murakami, T. 1-27633
- Kunig, R.H. see Sandler, Y.L. 1-52299
- Kunigelis, A.A. see Ambrazeviciene, V.S. 1-16552
- Kunii, S. see Kawakami, M. 1-20954, 1-52866
- Kunimasa, T. The Casimir effect as a screening effect in quantized field theory 1-40953
- Kunimatsu, K. see Bewick, A. 1-35045
- Kunin, M.S. see Treskunov, B.A. 1-35437
- Kunin, V.N. see Konopasov, N.G. 1-32495
- Kunin, Yu.A. see Bashkin, A.S. 1-33673, 1-33674
- Kunin, Yu.A. see Veliyanov, A.G. 1-46289
- Kunina, N.V. see Kadyrov, M.A. 1-42854
- Kunio, T., Shimizu, M., Yamada, K., Enomoto, M., Yoshitake, A. The role of prior austenite grains in fatigue crack initiation and propagation in low carbon martensite 1-8409
- Kunio, T., Jr. see Ohta, E. 1-47672
- Kunioaka, A. see Gomi, T. 1-20730
- Kunioaka, A. see Kamimura, K. 1-7705, 1-8721, 1-25790
- Kuniskii, A.S. see Edintsov, I.M. 1-17343
- Kunisu, A. see Kihara, T. 1-49292
- Kunitomo, M. Quasi-spin locking and simultaneous averaging of signal and baseline in dipolar solids 1-16470
- Kunitomo, M., Endo, T., Nakanishi, S., Hashi, T. Experimental verification of oscillatory free induction decay 1-21066
- Kunitomo, M., Hashi, T. Multiple spin echoes in inhomogeneously broadened NMR systems 1-34957
- Kunitzsch, P. Two star tables from Muslim Spain 1-32727
- Kunjunny, T., Ferry, D.K. Calculation of the Auger line at the Si/SiO₂ interface 1-43226
- Kunkel, G.A. see Li, C.C. 1-9017
- Kunkel, H.P., Searle, C.W. Experimental identification of domain-wall-center and domain-wall-edge NMR resonances in magnetically ordered materials 1-39007
- Kunkel, K.E., Eloranta, E.W., Weinman, J.A. Remote determination of winds, turbulence spectra and energy dissipation rates in the boundary layer from lidar measurements 1-17661
- Kunkel, W.D. see Demers, S. 1-36387
- Kunkle, T.E. see Mills, R.L. 1-54408
- Kun'kova, Z.E. see Golik, L.L. 1-3375
- Kunne, L.D., Bohl, M., Muller, H. CNDO-investigation of dissociative chemisorption of H₂ on defect MgO and CaO surfaces 1-53473
- Kunmann, W. see Hastings, J.M. 1-3176
- Kunnos, G.Ya., Vasilievskii, V.M., Mironov, V.E. A rheological model of a thixotropic viscoelastic medium 1-15460
- Kuno, K. see Oishi, Y. 1-6697
- Kuno, T. see Terao, K. 1-26506
- Kunori, S. see Hanlon, J. 1-18464
- Kunori, S. see Kitagaki, T. 1-18467
- Kunori, T. see Yamagishi, A. 1-26976
- Kunsch, B. see Eder, O.J. 1-30036
- Kunsch, B. see Steurer, W. 1-34312
- Kunselman, A.R. see Wang, K.-C. 1-1415
- Kunst, J.J. see Thomasz, E. 1-13326
- Kunst, M., Warman, J.M. Proton mobility in ice 1-20452
- Kunstatter, G. Palatini variation of a generalized Einstein Lagrangian 1-129
- Kunstman, G.K. see Altarev, I.S. 1-28774
- Kunstreich, S. Hydrogen production by water electrolysis under pressure and at moderate temperature 1-43819
- Kunzt, Z. Comment on the O(α_2^+) corrections to jet-production in e^+e^- annihilation 1-50448
- Kunt, J. see Pader, F. 1-5899
- Kuntsevich, N.I., Gaeyskaya, T.V., Sokolik, G.A., Ivanovskaya, M.I., Utochkins, S.P. Photographic characteristics of layers on a titanium dioxide substrate during silverless physical development 1-36758
- Kuntsevich, S.P., Mamalui, Yu.A., Palekhin, V.P. Sublattice contributions to magnetostriction and anisotropy energy of hexaferrite BaFe₁₂O₁₉ 1-52824
- Kuntz, R. see Musser, H.E. 1-8008
- Kunyavskaya, T.M. see Bocharov, O.S. 1-3804
- Kunz, A.B., Ginsberg, D.M. Band calculation of the effect of magnetic impurity atoms on the properties of superconductors 1-12222
- Kunz, A.B. see Collins, T.C. 1-20633
- Kunz, C. On the propagator of the relativistic oscillator 1-14006
- Kunz, C. see Barth, J. 1-21328
- Kunz, C. see Kobayashi, K.L.I. 1-53046
- Kunz, C.L. see Colby, M.J. 1-41209
- Kunz, H., Sovillard, B. On the spectrum of random finite-difference operators 1-27807
- Kunz, L., Knesl, Z., Lukas, P. Macroscopic residual stress distribution at a fatigue crack tip 1-8412
- Kunz, L. see Lukas, P. 1-47162
- Kunz, P. see Aston, D. 1-50470
- Kunz, P. see Stroynowski, R. 1-18522
- Kunz, W.E., Atencio, J.D., Caldwell, J.T. A ¹Ci/g sensitivity transuranic waste assay system using pulsed neutron interrogation 1-14602
- Kunzel, W., Knierr, W., Durr, U. CW infrared laseration of optically pumped Co²⁺:KZnF₃ 1-51487
- Kunzi, H.U., Guntherodt, H.-J. Hall effect in liquid metals: experimental results 1-34691
- Kunzi, H.U. see Guntherodt, H.J. 1-25619
- Kunzi, H.U. see Hillairet, J. 1-34371
- Kunzie, H.P. On the uniqueness of the equilibrium configurations of slowly rotating relativistic fluids 1-14479
- Kunzier, J.E. see Hulm, J.A. 1-32826
- Kunzler, J.V., Grandi, T.A., Schreiner, W.H., Pureur, P., Brandao, D.E. Spin-disorder resistivity in the Cu₂Mn(Al_{1-x}Sn_x) Heusler alloys 1-7603
- Kuo, J. A simple method for removing stain precipitates from biological sections for transmission electron microscopy 1-35919
- Kuo, R.J., Matijevic, E. Particle adhesion and removal in model systems. III. Monodispersed ferric oxide on steel 1-35580
- Kuo, S., Cheo, B., Levi, E. Electrical nonuniformities in diagonally connected generators [MHD] 1-2253
- Kuo, T.Y. see Aeschalman, M. 1-8988
- Kuo, Y.-Y., O'Brien, E.E. Two-point probability density function closure applied to a diffusive-reactive system 1-51881
- Kuo Chang-lin, Wu Yu-qin An X-ray method of determining the degree of preferred orientation of ferroelectric material with layer type structure after hot-pressing 1-48364
- Kuo Jin-ji An approximate solution of Navier-Stokes equations for radial flow between parallel plates 1-29638
- Kuo Mei-Chang see Mei-Chang Kuo
- Kuo-Ho Yang Potentials for velocity and acceleration fields of a classical point-charged particle 1-36803
- Kuo-Ho Yang see Kobe, D.H. 1-467
- Kuo-Liang Liu see Liu Kuo-Liang
- Kuo-Nan Liou, Coleman, R.F. Light scattering by hexagonal columns and plates 1-6483
- Kuo-Pen-Yu Numerical solution of the compressible fluid equation 1-32850
- Kuokshits, E. see Baltrameynas, R. 1-3438, 1-16606
- Kuokstis, E. see Baltrameynas, R. 1-12584
- Kuokstis, E. see Baltrameynas, R. 1-21273
- Kuonanoja, J. see Jokisari, J. 1-14914
- Kupalova, I.K. see Shapovalov, E.T. 1-48607
- Kupca, S. see Dannefer, A. 1-39178
- Kupchikov, A.K. see Korabely, S.L. 1-26214
- Kupecek, Ph., Comte, M., Chema, D.S. Four-wave polarization spectroscopy of small-gap semiconductors: application to free carrier concentration measurements in gallium arsenide using a tunable infrared source 1-46440
- Kuper, C.G. Electromagnetic potentials in quantum mechanics. A proposed test of the Aharonov-Bohm effect 1-14040
- Kuper, C.G., Revzen, M., Ron, A. Re-entry in ferromagnetic superconductors 1-30875
- Kuper, K. see Anger, K. 1-9003
- Kuper, T.G. see Hopf, F.A. 1-10957
- Kupersmidt, B.A. Geometry of jet bundles and the structure of Lagrangian and Hamiltonian formalisms 1-22994
- Kupferman, P. see Soderblom, L. 1-36209
- Kupferschmidt, H. The 'in-built' digital thermometer 1-23231
- Kuphal, E. Low resistance ohmic contacts to n- and p-InP 1-30823
- Kupiaimen, A. see Gawdzki, K. 1-414
- Kupitz, J. Neutron physical and thermohydraulic design of an annular reactor with spherical fuel elements and proposal of a shut-down system 1-756
- Kupka, M., Mankel, S. Diamond milling of highly accurate metallic mirrors 1-29411
- Kupka, W. see Hofer, J. 1-6502
- Kuplennikov, E.H.L. see Goldstein, V.A. 1-50586
- Kupliauskene, A. see Bandzaitis, A.V. 1-10678
- Kupliauskene, A.V., Kupliauskis, Z.I. Doubly excited states of lithium atom 1-1128
- Kupliauskene, A.V. see Jonusauskas, S.L. 1-19067
- Kupliauskis, Z. see Bandzaitis, A. 1-10678
- Kupliauskis, Z.I. see Kupliauskene, A.V. 1-1128
- Kupliauskis, Z.J. see Jonusauskas, S.L. 1-19067
- Kupperman, D.S., Pahis, L., Yuhus, D., McGraw, T.E. Acoustic microscopy techniques for structural ceramics 1-43619
- Kuppermann, A. Few body molecular collisions: theoretical 1-51270
- Kuppermann, A. see Kaye, J.A. 1-39594
- Kuppers, D., Lydlin, H. Preparation of optical waveguides with the aid of plasma-activated chemical vapour deposition at low pressures 1-33841
- Kuppers, D. see Geitner, P. 1-6687
- Kuppers, F. see Ogenorth, H.J. 1-4719
- Kuppers, J. Interaction of metastable He atoms with solid surfaces 1-12616
- Kuppers, J. see Conrad, H. 1-21315
- Kuppler, D. see Kussmaul, K. 1-35384
- Kuppu Rao, V. A note on mass transfer in turbulent wall jets 1-29743
- Kuprenyuk, V.I., Sherstobitov, V.E. Calculations on the mirror system of an unstable resonator with field rotation 1-1597
- Kupriyanov, A.K. see Vasil'kovskii, V.A. 1-43035
- Kupriyanov, A.S., Khasin, I.S. Contactless positional temperature controller 1-9978
- Kupriyanov, M.F. see Barabanova, L.A. 1-7990
- Kupriyanov, M.F. see Fesenko, E.G. 1-43074
- Kupriyanov, S.E. see Manvelyan, R.V. 1-4057
- Kupriyanova, R.M. see Mokrushin, A.D. 1-31227
- Kupriyanova, T.A., Syssoeva, L.N. Quantitative X-ray spectral microanalysis of nonconducting substances 1-48763
- Kupsch, J., Ruhl, W. On the quantization of hydrodynamics 1-5106
- Kuptsov, A.M. see Alizade, V.V. 1-45289
- Kuptsov, V.M., Svirchak, A.F., Filippov, K.N., Khar'kov, V.D. Pressure pulsations on an obstacle in a jet 1-37983
- Kurach, T.N. see Gulyaev, Yu.V. 1-37757
- Kurach, E.A., Le'chuk, M.Yu., Panin, V.S., Pere-sun'ko, Yu.P. QED processes with transversely polarized e^+e^- beams 1-10185
- Kurach, E.A. see Kotkin, G.L. 1-14396
- Kurakado, M., Mazaki, H., Tachi, S. Excess quasi-particles in Sn-SnO₂ Sn tunnel junction by charged particles 1-16410
- Kuramata, S. see Tazaka, S. 1-22654
- Kuramata, S. see Ushida, N. 1-546
- Kuramochi, N., Matsuda, I., Oura, N., Fukuyo, H. Analysis of the temperature dependence of ⁸⁷Rb lamp profiles 1-41346
- Kuramochi, N., Mizubayashi, H., Okuda, S. Low temperature internal friction in single crystal niobium 1-15897
- Kuramochi, N., Naritoku, S., Oura, N. Composite-type ⁸⁷Rb optical-pumping light source 1-41804
- Kuramoto, E. see Kitajima, K. 1-26488
- Kuramoto, N. see Mitomo, M. 1-16724, 1-48448
- Kuramoto, Y. On the absence of magnetic order in intermediate valence compounds 1-35124
- Kuramshin, I.Ya. see Bashkirov, Sh.Sh. 1-31071
- Kuramshina, G.M., Panchenko, Yu.N., Pentin, Yu.A. Force field and mean vibration amplitudes of fluorochloromethane 1-14866
- Kuranova, I.P. see Arutyunyan, E.G. 1-32094
- Kuranova, I.P. see Makhaldiani, V.V. 1-4246
- Kurasawa, H. A schematic model for collective modes in a nucleus 'rotating' about the symmetry axis 1-50528
- Kurasawa, K. see Kaneda, E. 1-32538
- Kurasawa, T., Takeshita, H., Nasu, S. Compatibility between several heat resistant alloys and sintered Li₂O in static helium gas environment 1-3969
- Kurashch, D.H. see Steffen, R.J. 1-23819
- Kurashov, A.A. see Dukhanov, V.I. 1-1012
- Kurata, C. see Katto, Y. 1-19710
- Kurata, H. see Hamasaki, T. 1-42406, 1-47393
- Kurata, H. see Mishima, Y. 1-47401
- Kurata, K. see Homma, Y. 1-13324
- Kurata, K. see Nagano, T. 1-17386
- Kurata, M. see Odani, K. 1-34571

- Kurata, Y., Ikawa, K., Iwamoto, K. The effect of heat treatment on density and structure of SiC 1-8346
- Kuratashvili, G.O. see Batyunya, B.V. 1-600
- Kuratashvili, G.O. see Boos, E.G. 1-5661
- Kurater, I.I. see Denker, B.I. 1-51492
- Kurath, D. The nuclear shell model 1-10333
- Kurath, D. see Lee, T.-S.H. 1-5701
- Kurath, D. see Bertsch, G.F. (editor) 1-9769
- Kuratomi, Y. see Ishihara, T. 1-49153
- Kurbakov, V.G. see Babaev, A.E. 1-24738
- Kurbanaliev, B.T. see Borisenko, E.K. 1-43428
- Kurbanov, M.K., Rukhovets, L.V. The statistical structure of temperature and altitude field of the polar and tropical tropopause 1-40159
- Kurbanov, M.A. see Abasov, S.A. 1-26124
- Kurbanova, E.I. see Antonov, V.B. 1-16583
- Kurbatov, L.N., Mezheritskii, A.V., Ovchinnikov, I.M., Soroko-Novitskii, N.V., Banin, E.S., Terekhov, T.F. Temperature dependences of the photoconductive relaxation times of gallium-doped lead-tin telluride 1-3022
- Kurbatov, L.N., Ovchinnikov, I.M., Soroko-Novitskii, N.V. Kinetics of cathodoluminescence of gallium monoselenide 1-3499
- Kurbatov, L.N. see Aver'yanova, T.V. 1-42853
- Kurbatov, L.N. see Bakumenko, V.L. 1-20865
- Kurbatov, L.N. see Denisenko, V.V. 1-42825
- Kurbatov, V.S. see Evseev, S.I. 1-50658
- Kurbatov, E.A. see Kut'nikov, V.A. 1-3793
- Kurbatskii, A.F., Onufriev, A.T. Modeling the turbulent transport of an impulse in the wake of a cylinder with the use of equations for third moments 1-42014
- Kurcewicz, W., Ruchowska, E., Kaffrell, N., Bjornstad, T., Nyman, G. Collective excitations in the transitional nuclei $^{224,226}\text{Ra}$ 1-50486
- Kurczyl, H.-G., Krumholz, K.G. Low pressure hydrothermal synthesis of magnesium hydrosilicates 1-39285
- Kurdadze, L.M. see Vasserman, I.B. 1-40991
- Kurdadze, L.M. see Zholentz, A.A. 1-14381
- Kurdgelaidze, D.F. see Begelur, G.A. 1-18447
- Kurdova, E.V. see Laikhtma, D.L. 1-13516
- Kurdyumov, A.V., Oleinik, G.S., Ostrovskaya, N.F., Pilyankevich, A.N., Tkachenko, N.N., Fed'gun, L.I. Dependence of the structure of cubic boron nitride polycrystals on the particle size of the starting graphitelike phase 1-3687
- Kurdyumov, A.V. see Bochkov, A.V. 1-12864
- Kurdyumov, G.V. Martensite transformations. Review 1-3736
- Kurdyumov, S.P., Kurkina, E.S., Malinetskii, G.G., Samarskii, A.A. Dissipative structures in an inhomogeneous nonlinear burning medium 1-26745
- Kurdyumov, S.P., Malinetskii, G.G., Poveschenko, Yu.A., Popov, Yu.P., Samarskii, A.A. Interaction of dissipative thermal structures in nonlinear media 1-24649
- Kureichik, K.P., Gulakov, I.R. Calculation of, and correction for, nonselective absorption in atomic absorption spectrophotometers 1-50190
- Kureichik, K.P. see Gulakov, I.R. 1-351
- Kurepa, M.V., Babic, D.S., Belic, D.S. Electron-bromine-molecule total ionisation and electron attachment cross sections 1-33570
- Kurepin, A.B. see Akimov, Yu.K. 1-41115
- Kurepin, A.B. see Barabanov, I.R. 1-45543
- Kurepin, A.B. see Krasnov, V.A. 1-37058
- Kurepin, V.V. see Buravov, S.E. 1-44914
- Kurfess, J.D. see Strickman, M.S. 1-9730
- Kurgalia, S.D. see Kadenskii, S.G. 1-45486
- Kurgalskii, M.V. On instability of internal gravity waves propagating at small angles to the vertical 1-44353
- Kurganskii, S.I., Farberovich, O.V. Lithium band structure studies by the OPW method 1-47442
- Kurganskii, S.I., Farberovich, O.V., Domashevskaya, E.P. Energy band structure of II-VI compounds. I. Calculation by the modified OPW method and interpretation 1-25629
- Kurganskii, S.I., Farberovich, O.V., Domashevskaya, E.P. Energy band structure of II-VI compounds. II. Influence of the d states of the metal 1-34623
- Kurihayashi, K., Nicholson, P.S. Dense conductive $\beta^{\text{II}}\text{-Al}_2\text{O}_3$ ceramics by spray-freeze/freeze-drying 1-31541
- Kurihayashi, K., Yoshimura, M., Ohta, T., Sata, T. High-temperature phase relations in the system $\text{Y}_2\text{O}_3\text{-Y}_2\text{O}_3\text{-WO}_3$ 1-39324
- Kurica, K.V., Ittyachen, M.A. Growth of CaMoO_4 and SrMoO_4 crystals in silica gel media 1-20084
- Kurica, K.V., Ittyachen, M.A. Observations on the growth of NiMoO_4 crystals in silica gel media 1-25185
- Kurica, K.V., Ittyachen, M.A. Spherulitic growth of barium and calcium molybdates in silica gel media 1-48246
- Kurihara, O. see Ishikawa, Y.-i. 1-19144
- Kurihara, O. see Takeuchi, K. 1-39596
- Kurihara, S. see Nakajima, S. 1-34542
- Kurihara, Y. Sound waves, phason and screening effect in one dimensional charge density wave 1-7538
- Kurik, M.V., Hamann, C., Starke, M., Tiskora, L.I. Reflection spectra of single crystals of copper phthalocyanine of the β -modification 1-21225
- Kurik, M.V. see Zharkov, I.P. 1-3435
- Kuril'chik, V.N. On one unusual phenomenon in the radio emission of BL Lac 1-13874
- Kuril'chik, V.N. Components of the flux variation in variable extragalactic radio sources 1-44659
- Kurilkin, N.N., Mishustin, I.N., Khodel, V.A. Quantum shock waves in nuclear matter 1-18588
- Kurliko, V.I., Kucherov, V.I., Ostrovskii, A.O., Tkach, Yu.V. Stability of a relativistic electron beam in a periodic cylindrical waveguide 1-24345
- Kurilla, M. see Hazi, A.U. 1-51301
- Kurilo, G.V. Some aspects of the complex dependence of the durability of solid lubrication coatings on the depth of vacuum 1-31676
- Kurimoto, J. see Matsumoto, Y. 1-26753
- Kurin, A.F. Efficient excitation of electromagnetic waves by asynchronous electron beams 1-33612
- Kurishita, H., Kitajima, S. Yielding of highly perfect copper crystals 1-12835
- Kurita, G. see Azumi, M. 1-6939
- Kurita, H., Sakai, O., Kotani, A. Resonant light scattering and luminescence in exciton-phonon system. I 1-26189
- Kurita, H. see Eguchi, K. 1-16825
- Kurita, H. see Sakai, O. 1-26190
- Kurita, K., Miyazawa, S., Asukabe, M., Wada, E. Small-angle X-ray scattering from styrene-butadiene-styrene block copolymers 1-34250
- Kurita, K., Waza, T., Mizutani, H. Dilatancy and Microcracks 1-49264
- Kurita, K. see Inatani, H. 1-27093
- Kurita, S., Suda, T., Yajima, H., Takagi, A., Tanaka, R. Photoelectric properties of $n\text{-ZnSe/p-Si}$ or $p^+\text{-GaAs}$ heterojunctions 1-8717
- Kurita, S. see Kojima, N. 1-16562
- Kurita, S. see Sasa, T. 1-38441
- Kuritani, M. see Kihara, T. 1-49292
- Kuritsnyk, I.P., Stadnyk, B.I., Lakh, V.I., Bachmaga, L.V., Sanotskii, Yu.V. Small-inertia high-temperature thermometer with increased convergence of readings 1-18229
- Kuritsyn, V.P. see Mnatsakanian, K.G. 1-15690
- Kuritsyn, Yu.A. see Kolosnikov, V.G. 1-14957
- Kuriyama, A. Collective subspace and canonical system with constraints 1-49981
- Kuriyama, A. see Marumori, T. 1-33213
- Kuriyama, I. see Ito, M. 1-39485
- Kuriyama, K. see Kamijoh, T. 1-12647
- Kuriyama, M., Boettinger, W.J., Burdette, H.E. X-ray residual stress evaluation by an energy dispersive system 1-27968
- Kuriyama, M. see Armstrong, R.W. 1-2465
- Kurjak, A. (editor) Progress in medical ultrasound. Review and comments, vol.1 1-20
- Kurjata-Pfittner, E. On the effect of surface recombination on some properties of semiconductor devices 1-7726
- Kurjian, C.R. see Rongved, L. 1-29412
- Kurki-Suonio, K. see Kara, M. 1-46154
- Kurkin, I.N., Chernov, K.P., Chirkin, Yu.K. Spin-lattice relaxation of cubic centers of Cr^{3+} ions in KMgF_3 and KZnF_3 single crystals 1-21043
- Kurkin, I.N. see Altshuler, S.A. 1-12426
- Kurkin, N.N., Pirozhkov, V.A., Solovarov, N.K., Shegeda, A.M. Light echo in ruby in a transverse magnetic field 1-1651
- Kurkin, S.A. see Sil'vestrov, Yu.G. 1-21660
- Kurkina, E.S. see Kurdyumov, S.P. 1-26745
- Kurkina, I.D. see Komlev, V.G. 1-30430
- Kurkjian, C.R. see Krause, J.T. 1-51616
- Kurkov, A.A. see Didenko, A.N. 1-48191
- Kurlat, D.H. see Rosen, M. 1-25497
- Kurmaev, E.Z. see Anisimov, V.I. 1-35123, 1-42681
- Kurmaev, E.Z. see Ryzhkov, M.V. 1-3570, 1-28873
- Kurmanov, M.K., Kuketaev, T.A., Yurov, V.M. Influence of an order-disorder phase transition on the parameters of Ti^{3+} centers in NH_4Br crystals 1-25430
- Kurmanov, M.K. see Grigorov, V.A. 1-2623
- Kurmanova, T.M. see Medvedev, E.M. 1-26574
- Kurmashev, Sh.D. see Vikulin, I.M. 1-3074
- Kurmei, N.D. see Zaganina, L.I. 1-31171
- Kurmyshev, E.V. see Dodonov, V.V. 1-104
- Kurnavina, L.P. see Levitin, V.V. 1-39343
- Kurnosenko, A.I. see Ajienko, I.V. 1-23525
- Kurnosenko, A.I. see Chliapnikov, P.V. 1-36886
- Kurnosov, A.K. see Zhdanov, S.A. 1-46303
- Kurnosova, L.V. see Gusev, V.N. 1-36141
- Kurochkin, A.V. see Gal'per, A.M. 1-13554
- Kurochkin, A.V. see Gal'per, A.M. 1-17769
- Kurochkin, F.E. see Gushchina, T.M. 1-27911
- Kurochkin, V.E. see Balykin, A.V. 1-44051
- Kurochkin, V.I. see Litvinov, V.K. 1-14125
- Kurochkin, V.P. see Alizade, V.V. 1-45289
- Kurochkina, T.I. see Red'ko, A.V. 1-36760
- Kuroda, E. see Matsuda, M. 1-3612
- Kuroda, E. see Saitoh, T. 1-4180
- Kuroda, H. Beam lines and experimental instruments planned at the Photon Factory 1-23885
- Kuroda, H. see Cao, Y. 1-3411, 1-3415
- Kuroda, H. see Fujikawa, T. 1-1288
- Kuroda, H. see Kosugi, N. 1-6133
- Kuroda, H. see Shiosaki, T. 1-46447
- Kuroda, J. see Kato, Y. 1-46367
- Kuroda, K. Simplified method for calculating the deflective aberration of an electron optical system with two deflectors and a lens 1-6442
- Kuroda, K., Waho, T., Ishida, A. Ellipsometric study on rf-plasma oxidized tunnel barriers for In/Pb/Au-alloy Josephson junctions 1-3105
- Kuroda, K. see Birsu, R. 1-51060
- Kuroda, K. see Waho, T. 1-3104
- Kuroda, M. see Akashi, K. 1-1533
- Kuroda, M. see Cleymans, J. 1-23505
- Kuroda, M. see Igarashi, Y. 1-18476
- Kuroda, R., Mason, S.F., Rodger, C.D., Seal, R.H. Chiral discriminations. An extended transition monopole model 1-41516
- Kuroda, R. see Barnett, C.J. 1-10766
- Kuroda, T. see Kaneko, O. 1-15624
- Kuroda, T. see Kikuta, Y. 1-53262
- Kuroda, T. see Ohkubo, K. 1-11576
- Kuroda, T. see Shiomi, Y. 1-2363
- Kuroba, T. see Senui, S. 1-11205
- Kuroba, T. see Yoshida, K. 1-11198, 1-33819
- Kuroiwa, A. see Tsuya, N. 1-4181
- Kuroiwa, H. see Tanaka, H. 1-17698
- Kurokawa, R. see Kawamura, S. 1-53165
- Kurokawa, S. see Shibata, T.A. 1-37040
- Kurokawa, T., Takato, N., Katayama, Y. Polymer optical circuits for multimode optical fiber systems 1-6684
- Kurokawa, T., Yoshizawa, T., Katayama, Y. Precisely moulded plastic splices for optical fibres 1-15267
- Kuroki, K. see Iwashita, Y. 1-14710
- Kuroki, K. see Tomota, Y. 1-16849, 1-26555
- Kurolenkin, E.I. see Virgil'ev, Yu.S. 1-11790, 1-34373
- Kuronuma, H. see Watanabe, T. 1-44131
- Kurosaki, Y. see Kashiwagi, T. 1-24861
- Kurosawa, F., Taguchi, I., Matsumoto, R. Observation and analysis of carbides in steels using non-aqueous electrolyte-potentiostatic etching method 1-26667
- Kurosawa, F., Taguchi, I., Matsumoto, R. Determination of gamma prime in Ni-base alloys by non-aqueous electrolyte-potentiostatic method 1-31417
- Kurosawa, F., Taguchi, I., Matsumoto, R. Observation and analysis of sigma phase in steels using the non-aqueous electrolyte-potentiostatic etching method 1-43600
- Kurosawa, F., Taguchi, I., Matsumoto, R. Observation and analysis of β phase in steel using non-aqueous electrolyte-potentiostatic etching method 1-48616
- Kurosawa, F., Taguchi, I., Matsumoto, R. Observation of crystallographic morphology of diamond-shaped β phase in stainless steel using a non-aqueous electrolyte-potentiostatic etching method 1-53377
- Kurosawa, F., Taguchi, I., Tanino, M., Matsumoto, R. Observation and analysis of nitrides in steels using the non-aqueous electrolyte-potentiostatic etching method 1-43341
- Kurosawa, F., Taguchi, I., Tanino, M., Suzuki, H.G., Matsumoto, R. Observation and analysis of precipitates formed in steels at elevated temperatures using the non-aqueous electrolyte-potentiostatic etching method 1-43342
- Kurosawa, K. see Taniguchi, K. 1-20458
- Kurosawa, S. see Honma, N. 1-26796
- Kurosawa, T. Theory of cyclotron resonance at intense microwave fields 1-47954
- Kurosawa, T. see Imai, H. 1-8364
- Kuroshkina, E.N. see Goschinskii, I.V. 1-32746
- Kurosu, T. see Akiba, Y. 1-20860
- Kurosu, T. see Gomi, T. 1-20730
- Kurov, I.E., Nagornik, S.N., Perevezentsev, V.N., Gerenov, M.E. Influence of the rate of deformation on the kinetics of stimulated emission from metals 1-16672
- Kurov, I.E. see Gurashev, V.N. 1-43363
- Kurov, O.V., Iseav, N.I. The liberation of hydrogen from a crack in corrosion cracking in a chloride solution 1-35440
- Kurov, O.V., Iseav, N.I. The similarity of corrosion conditions in a narrow crevice and in a crack under stress 1-35444
- Kurova, T.A., Shumyatskaya, N.G., Voronkov, A.A., Pyatenko, Yu.A. Crystal structure of sidorenkite $\text{Na}_3\text{Mn}(\text{PO}_4)(\text{CO}_3)$ 1-25227
- Kuroyanagi, T. see Matsuda, A. 1-21622
- Kuroyanagi, T. see Ueyama, N. 1-21571, 1-26405
- Kurozer, V.P. see Klyuev, V.V. 1-39575, 1-39576
- Kurra, S. A computer model for predicting sound attenuation by barrier-buildings 1-24587
- Kursin, L.M. see Aleksandrov, A.Ya. 1-14013
- Kursin, L.M. see Young, N.E. 1-6030
- Kurskaya, I.N. see Baranova, T.F. 1-12703
- Kurstedt, H.A., Jr., Maxwell, T.T. Independence, economic advantage, hazard, and confusion from wood energy as an alternative resource 1-35599

- Kursumovic, A., Cahn, R.W., Scott, M.G. Length changes during the structural relaxation of metallic glasses 1-25472
- Kursumovic, A., Scott, M.G. The use of Young's modulus to monitor relaxation in metallic glasses 1-15943
- Kursumovic, A., Scott, M.G., Girt, E., Cahn, R.W. Changes in the Young's modulus during structural relaxation of a metallic glass 1-43399
- Kursumovic, A. *see* Girt, E. 1-34493
- Kurt, V.G., Logachev, Yu.I., Pisarenko, N.F., Stolpovskii, V.G. Spectra of high-energy particles in solar flares according to data from the Prognoz-6 satellite 1-36129
- Kurt, V.G., Romanova, N.N., Smirnov, A.S., Bertalet, J.L., Blamont, J.L. Venus' ultraviolet radiation in the wavelength region from 300 Å to 1657 Å from Venera 11 and Venera 12 data (preliminary results) 1-9404
- Kurt, V.G., Troitskaya, Ye.V. Diffusive component of nonrelativistic solar electrons 1-4723
- Kurt, V.G. *see* Belovskii, M.N. 1-22755
- Kurt, V.G. *see* Belyakov, S.A. 1-9336
- Kurt, V.G. *see* Bertalet, J.L. 1-54405
- Kurtasov, S.F. Texture of coarse-grained metals 1-31780
- Kurtasov, S.F., Lapin, A.B. Investigation of the texture of alloy El435 wires 1-39346
- Kurtsov, S.F. *see* Borodkina, M.M. 1-16996
- Kurter, B. The effect of nitrogen pressure on nitridation of silicon 1-39496
- Kurter, A. *see* Panamsky, I.M. 1-28064
- Kurth, R. Two characterizations of Newtonian potential 1-9916
- Kurth, R., Baybutt, P., Cox, D. Determination of environmental radionuclide release uncertainties for LWR meltdown accidents 1-5924
- Kurth, W.S. *see* Barbosa, D.D. 1-40379
- Kurti, J., Mencil, G. g-factor anisotropy and charge transfer in three complex TCNQ salts 1-31013
- Kurtmullaev, R.Kh. *see* Goloviznin, V.M. 1-34113
- Kurtz, D.D. *see* Anderson, J.B. 1-27148
- Kurtz, D.W. Radial and non-radial oscillations in the very high metallicity δ Scuti star HD 188136 1-9529
- Kurtz, D.W. The frequency analysis of low amplitude δ Scuti stars. V. HD 188520 1-9530
- Kurtz, D.W. On the stability of observed frequencies of δ Scuti stars: a reanalysis of θ Tuc 1-9531
- Kurtz, D.W. The frequency analysis of low amplitude δ Scuti stars. VI. Further observations of HD 52788 1-36305
- Kurtz, D.W. Radial and nonradial oscillations in delta Scuti stars 1-40499
- Kurtz, D.W. The δ Scuti variability of the high metallicity δ Del star, rho Pavonis 1-54515
- Kurtz, D.W. Radial and non-radial oscillations in the δ Scuti star HR 1170 1-54516
- Kurtz, R.F. *see* Nishimura, T. 1-4952
- Kurtz, S.K., Carpay, F.M.A. Microstructure and normal grain growth in metals and ceramics. I. Theory 1-38380
- Kurtz, S.K., Carpay, F.M.A. Microstructure and normal grain growth in metals and ceramics. II. Experiment 1-38381
- Kurtz, S.R., Stapleton, H.J. Effects of disorder on electron-spin relaxation in β -alumina: a prototype glass 1-16481
- Kurtz, S.R. *see* Stapleton, H.J. 1-17344
- Kurtze, G., Maier, W., Kempf, K., Schmieder, G., Schrey, H., Klingshirm, C., Honerlage, B., Rossler, U. Hyper-Raman scattering in CdS and ZnO in strong magnetic fields 1-52938
- Kurtze, G. *see* Maier, W. 1-26270
- Kurucz, R.L., Furenlid, I. Sample spectral atlas for Sirius 1-9390
- Kurup, M.B. *see* Sharma, R.P. 1-47125
- Kurutac, M. *see* Ibanoglu, C. 1-9728
- Kuryakova, L.M., Zhanov, A.M., Zakharova, E.P. Electrodeposition of nickel on iron powder 1-21639
- Kuryan, Yu.A., Mazets, Ye.P., Proskura, M.P., Sokolov, I.A. Investigation of the hard gamma radiation of the atmosphere on Kosmos 461 1-22556
- Kuryatnikov, E.K. *see* Agapov, N.N. 1-6063
- Kurylo, M.J. *see* Klais, O. 1-6228
- Kurz, R. *see* Cosler, A. 1-2258
- Kurz, W., Fisher, D.J. Dendrite growth at the limit of stability: tip radius and spacing 1-25598
- Kurz, W. *see* Glardon, R. 1-35246
- Kurz, W. *see* Jones, H. 1-8297
- Kurzeja, J. *see* Stolarz, S. 1-3781
- Kurzemnieks, A.Kh. *see* Krauya, U.E. 1-49047
- Kurzweg, U.H. Maximum solar flux concentration achievable with axicon collectors 1-8679
- Kurzyna, J. Effect of magnetic field on transport coefficients of plasma maintained by CW CO₂ laser 1-38066
- Kus, A.J., Wilkinson, P.N., Booth, R.S. The radio structure of 3C 309.1 determined by multi-baseline interferometry 1-44667
- Kus, M., Wodkiewicz, K. Two-atom resonance fluorescence 1-51158
- Kusainov, Zh.A. *see* Akhmetov, M.A. 1-2487
- Kusainov, Zh.A. *see* Vavilov, V.S. 1-30255
- Kusaka, M., Hirai, M., Okazaki, S. Piezoelectric effect in GaAs MOS diodes 1-3336
- Kusaka, Y., Tsuji, H., Fujimoto, Y., Ishida, K., Mamuro, T., Matsunami, T., Mizohata, A., Hirai, S. Multielectron neutron activation analysis of underground water samples 1-49291
- Kuscer, I. *see* Knaap, H.F.P. 1-24845
- Kuscer, I. *see* Krizan, P. 1-2792
- Kuscer, I. *see* Miklavic, M. 1-2106
- Kuschel, F., Demus, D. Homeotropic layers of nematic liquid crystals induced by carboxylic acids 1-20056
- Kush, E.A. Performance of heat pumps at elevated evaporating temperatures—with application to solar input 1-21894
- Kush, E.A., Jr. *see* Schetz, J.A. 1-15521
- Kushawaha, V.S., Burkhardt, C.E., Leventhal, J.J. Laser-enhanced Lyman- α production in collisions between hydrogen ions and sodium atoms 1-29112
- Kushawaha, V.S., Leventhal, J.J. Energy pooling in Na 3p-Na 3p collisions 1-19170
- Kushawaha, V.S., Leventhal, J.J. Energy pooling in Na(3p)-Na(3p) collisions 1-37307
- Kushawaha, V.S. *see* Burkhardt, C.E. 1-37305
- Kushchev, S.B. *see* Ievlev, V.M. 1-11985
- Kushchevskii, A.E., Pushkarev, V.V., Fedorchenko, I.M. A comparative investigation of the physicochemical and antifriction properties of material obtained from iron powders produced by various methods 1-21385
- Kushev, D.B. Direct relations between Fresnel's amplitude coefficients 1-1484
- Kushev, D.B. *see* Zheleva, N.N. 1-39166
- Kushibiki, J., Chubachi, N. Double-layer acoustic antireflection coating for sapphire/water interface 1-33860
- Kushibiki, J., Sannomiya, T., Chubachi, N. Broad bandwidth concave transducer for scanning acoustic microscope 1-33864
- Kushida, T. Bose condensation of excitons and excitonic molecules 1-2886
- Kushin, V.V. *see* Erokhov, A.A. 1-11601
- Kushin, V.V. *see* Volobuev, I.V. 1-11600
- Kushner, E. *see* Self, S.A. 1-24866
- Kushner, M.J., Grossman, W.M., Culick, F.E.C. Electron collision quenching of CO(v) chemiluminescence in CS₂/O₂ and CS₂/N₂O flames 1-39645
- Kushnerevsky, Yu.V. *see* Dechambre, M. 1-44368, 1-44369
- Kushnerevsky, Yu.V. *see* Lavergnat, J. 1-44367
- Kushnerevsky, Yu.V. *see* Zhulin, I.A. 1-44379
- Kushnir, S.G. *see* Felsch, W. 1-25903
- Kushnir, V.I., Suvorov, E.V. Experimental observation of the dynamic focusing of X-rays by a homogeneously deformed crystal in the Laue case 1-20032
- Kushnir, V.P., Kucherenko, I.V. Influence of the crystal potential fluctuations on the electron spectrum of A₁-X_A^{IV}B^{VI} type semiconducting alloys 1-20631
- Kushnirenko, A.M. *see* Gogotsi, G.A. 1-43457
- Kushnirenko, A.M. Connection between the eigenvalues of the energy operator and the S matrix in quantum field theory 1-50328
- Kushnirenko, I.Ya. *see* Beli, M.U. 1-8133
- Kushnirenko, I.Ya. *see* Belyi, M.U. 1-12543
- Kushnirenko, I.Ya. *see* Boiko, V.V. 1-52971
- Kushnirskii, G.M. *see* Aizenberg, A.N. 1-31802
- Kushniruk, V.F. *see* Golovin, B.M. 1-37060
- Kushniryuk, G.V. *see* Mikhailiuk, I.P. 1-2287
- Kushwaha, M.S. Lattice dynamics of alkali halides (LiF and NaCl) 1-34436
- Kushwaha, M.S. Lattice dynamics of sodium and rubidium halides 1-34437
- Kushwaha, S.S. *see* Singh, S.P. 1-25384
- Kuske, J. *see* Stotzel, H. 1-34713
- Kuskov, O.L., Khatarov, N.I. The possible nature of reported insulator-to-metal transitions in oxides under high pressure 1-7255
- Kuskov, V.I. *see* Treushnikov, E.N. 1-2423
- Kuslitskii, A.B., Mizetskii, V.I., Yasinskii, M.F. Influence of addition of aluminum on the low-cycle fatigue of steel 20 EShL in certain media 1-3930
- Kuslitskii, A.B. *see* Duryagin, V.A. 1-31586
- Kusmariev, F.V., Rasbaba, E.I. Jahn-Teller symmetry breaking of an autocalicised barrier 1-47592
- Kusmirek, Z., Plichczewski, Z. Epstein's apparatus for testing samples with test piece dimensions 30X165 mm 1-40827
- Kusner, Yu.S., Nikolaev, G.F., Prikhod'ko, V.G. Rotational excitation of nitrogen molecules in a supersonic jet by slow electrons 1-33571
- Kusnierz, J. Application of the Taylor theory to the study of the heterogeneity of deformation 1-48414
- Kussmaul, K., Herz, K., Pham, H.M., Dietrich, W., Kuppler, D. Electron microscope investigations on welding-simulation heat-treated specimens of the pressure vessel steel 22 NiMoCr 3 7 with respect to stress-relief cracking 1-35384
- Kuster, H., Ebert, J. Pyroelectric measurement of absorption in oxide layers and correlation to damage threshold 1-37524
- Kusterer, K., Betz, J., Harney, H.L., Heck, B., Liu, K.P., Porto, F. A gas detector system for mass and charge identification of heavy ions 1-23914
- Kusters, N.L., Cox, L.G. The development of an automatic-reversing differential thermal wattmeter 1-36698
- Kustodiev, V.D. *see* Kerzhanovich, V.V. 1-9397
- Kustom, R.L. *see* Kim, S.H. 1-51992
- Kustov, A.V. *see* Zhulin, I.A. 1-44366
- Kustov, E.F., Stechko, G., Maketov, T.K. Reduction symmetry of tensors. I 1-38317
- Kustov, E.F., Uskova, L.I. Estimation of covalency effects in the optical spectra of crystals containing iron group ions 1-1-25670
- Kustov, V.E. *see* Bugai, A.A. 1-7943, 1-21042
- Kustov, V.L., Ryzhii, V.I., Sigov, Yu.S. On nonlinear conditions of instability of plasmas in semiconductors located in strong electric fields on inelastic scattering of electrons by optical phonons 1-34737
- Kustova, G.N., Yurchenko, E.N., Burgina, E.B., Andrushevich, M.M., Buyanov, R.A. Study of calcium orthophosphate with the Whitlockite structure by means of infrared spectroscopy 1-26197
- Kusuda, T. *see* Ohkoshi, M. 1-21018, 1-25587
- Kusui, J. *see* Nakamura, Y. 1-26458
- Kusakawa, K., Shimizu, F., Shinoda, A. The secondary flow about a circular cylinder oscillating rotationally around an eccentric axis 1-37885
- Kusumegi, A., Kondo, K. Possibilities of using heavy liquid materials as a radiator of total absorption calorimeters 1-23997
- Kusumoki, I. *see* Takahashi, N. 1-6406
- Kusumoto, O. *see* Suzuki, A. 1-23524
- Kusumoto, O. *see* Ushida, N. 1-546
- Kusumoki, H. *see* Tokuko, T. 1-42294
- Kusunoki, I. Chemiluminescence from ion beam target-gas collisions 1-21729
- Kusunoki, I., Ottinger, Ch. Triplet CH⁺ (CD⁺) emission from chemiluminescent ion-molecule reaction C⁺ (P) + H₂(D₂) 1-4060
- Kusunoki, I., Takahashi, N., Teshima, K. Velocity analysis of NH₃ and CO₂ nozzle beams by means of TOF 1-27938
- Kusunoki, J. *see* Yasuda, A. 1-42211
- Kusunoki, T. *see* Nakajima, K. 1-43279
- Kusy, R.P. *see* Greenberg, A.R. 1-35293
- Kuszell, A. Stability of dynamical systems. I. Perturbational picture 1-32612
- Kutasevich, I.V. *see* Soroka, B.S. 1-265
- Kutateladze, S.S., Borisov, A.I., Borisov, A.A., Nakoryakov, V.E. Experimental detection of a rarefaction shock wave near a liquid-vapor critical point 1-29726
- Kutateladze, S.S., Gogoni, I.I., Grigor'eva, N.I., Dorokhov, A.R. Determination of heat transfer coefficient with film condensation of stationary vapour on a vertical surface 1-37770
- Kuteev, B.V., Shatalin, S.V. Device for 'firing' macroparticles into a hot plasma 1-2252
- Kuteev, B.V. *see* Zhilinskii, A.P. 1-2161
- Kutepnikov, A.F. *see* Zaitsev, G.G. 1-31787
- Kuteliya, E.P. *see* Gerasimov, A.B. 1-30275
- Kut'nikov, V.A., Ivanov, V.K., Shulepov, V.I., Kurbatova, E.A., Gurek, L.S., Sokolovskaya, E.M., Dorokhov, V.P. Compatibility investigation of TiC fibres with complexly doped Ni alloy matrix 1-3793
- Kut'nikov, V.A. *see* Ivanov, V.K. 1-16719
- Kuthy, A. Measurement of the electron temperature profiles in the F-1 cold gas blanket experiment by hydrogen line-spectroscopy 1-51985
- Kuti, J. The bag model and quantum chromodynamics 1-18391
- Kuti, J., Polonyi, J., Szlachanyi, K. Monte Carlo Study of SU(2) gauge theory at finite temperature 1-28180
- Kuti, J. *see* Hasenfratz, P. 1-5604, 1-28294
- Kutik, M. Electronic methods of measuring deviations from laser beam determined direction 1-50099
- Kutikov, A.A. *see* Dement'ev, D.A. 1-29896
- Kutillin, S.A. *see* Shamov, A.I. 1-32560
- Kutner, M.L., Machnick, D.E., Tucker, K.D., Dickman, R.L. Search for interstellar pyrrole and furan 1-40538
- Kutner, M.L. *see* Machnick, D.E. 1-49750
- Kutner, R. Chemical diffusion in the lattice gas of non-interacting particles 1-36582
- Kutner, V.B. *see* Pasyuk, A. 1-37035
- Kutolin, S.A. *see* Chernobomskii, D.I. 1-42665
- Kutovoi, V.D., Petrov, G.D., Savarskii, P.A., Tregobov, S.I. A homodyne submillimeter interferometer with movable measuring arm 1-2233
- Kuts, F.M. *see* Chernov, A.G. 1-28580
- Kuts, V.N. *see* Zdesenok, Yu.G. 1-1007, 1-5744
- Kutsak, A.A. *see* Zaporozhchenko, R.G. 1-1593
- Kutsarova, T. *see* Morek, T. 1-28374
- Kutschej, R., Pink, E., Stuwe, H.P. The thermally activated deformation of an eutectic Sn-Pb alloy 1-8400
- Kutschej, R. *see* Pink, E. 1-53243
- Kutsenko, A.N. *see* Bobrenko, V.M. 1-29561
- Kutsenko, A.V. *see* Basov, N.G. 1-6597
- Kutsenko, G.V. Axisymmetric deformation of a circular torus 1-19577

- Kutsenko, Ya.P., Turyanitsa, I.D., Chepur, D.V. Physicochemical properties and the IR spectra of vitreous Sb_2O_3 1-16573
- Kutsidi, N.K. *see* Abesalashvili, L.N. 1-10273, 1-18526
- Kutsova, V.Z. *see* Borshchenskaya, D.G. 1-31447
- Kutter, G.S., Sparks, W.M. Radial accretion of H-rich material onto a He white dwarf 1-9478
- Kutter, G.S. *see* Sparks, W.M. 1-49689
- Kuttler, J.R., Sigillito, V.G. Upper and lower bounds for the frequencies of clamped orthotropic plates 1-29605
- Kutty, A.P.G., Vaidya, S.N. Mean-square atomic displacements in f.c.c. crystals 1-20346
- Kutty, T.R.N. *see* Tarcon, J.A.K. 1-3703
- Kutuzov, P.Kh. *see* Zul'karnec, R.Ya. 1-10376
- Kutvitskii, V.A., Skorikov, V.M., Voskresenskaya, E.N., Gremkhova, T.I., Tin'kova, S.M., Shaden, N.I. Kinetics of solution of platinum in Bi_2O_3 and $6\text{Bi}_2\text{O}_3\cdot\text{GeO}_2$ melts 1-16044
- Kutyreva, V.V., Varyukhin, V.A., Suvorova, O.N., Nesterov, B.A., Domrachev, G.A. Preparation of titanium carbonitride films by decomposition of titanium tetrakis-diethylamide in the vapor phase 1-16694
- Kutz, K.H., Kuhn, J. Hexagonal α -martensite 1-31426
- Kutzbach, J.E. Estimates of past climate at Paleolake Chad, North Africa, based on a hydrological and energy-balance model 1-49379
- Kutzbach, J.E., Gutter, P.J. On the design of paleoenvironmental data networks for estimating large-scale patterns of climate 1-54236
- Kutzelnigg, W. *see* Wallmeier, H. 1-51141
- Kutzendorfer, J. *see* Pitta, J. 1-8463
- Kutzel, F.W., Natoli, C.R., Misemer, D.K., Doniach, S., Hodgson, K.O. Use of one-electron theory for the interpretation of near edge structure K-shell X-ray absorption spectra of transition metal complexes 1-1104
- Kutzel, F.W. *see* Natoli, C.R. 1-1429
- Kuur, J.H. *van der see* van der Kuur, J.H.
- Kuus, G., Martens, W. Zirconium-nickel selective hydrogen getters for high pressure gas discharge lamps 1-7024
- Kuus, G., Martens, W. Nickel as a catalyst for the reaction of hydrogen with zirconium 1-21768
- Kuusmann, J.L. *see* Lushchik, Ch.B. 1-12547
- Kuvshina, Z.I. *see* Soldatov, V.S. 1-6257, 1-6336
- Kuvshin, M.V. *see* Neskovic, N. 1-53038
- Kuvshova, E.A. *see* Andronova, I.A. 1-33745
- Kuvshinnikov, S.V. *see* Brandt, N.B. 1-7508
- Kuvshinov, G.A. *see* Aleksandrov, V.V. 1-50125
- Kuwabara, K., Nitta, A. Thermal-mechanical low-cycle fatigue under creep-fatigue interaction on type 304 stainless steels 1-8414
- Kuwabara, K., Nitta, A. Thermal-mechanical low-cycle fatigue under creep-fatigue interaction on Type 304 stainless steel 1-35390
- Kuwabara, K., Nitta, A., Kitamura, T. The evaluation of thermal fatigue strength of a $2\frac{1}{4}$ Cr-1 Mo steel under creep-fatigue interaction 1-3935
- Kuwabara, K. *see* Takahashi, T. 1-7375
- Kuwabara, M., Benn, M., Riley, F.L. A microscopic study of the morphology of hot-pressed β -SiAlon materials 1-16730
- Kuwabara, T. *see* Hirabayashi, H. 1-13695
- Kuwae, A. *see* Lee, H. 1-10737
- Kuwahara, H. *see* Nakayama, W. 1-37922, 1-37923
- Kuwahara, H. *see* Okuda, S. 1-48209
- Kuwahara, K. *see* Nishihara, S. 1-12001
- Kuwahara, K. *see* Nishimura, A. 1-16385
- Kuwahara, M. *see* Elio, S. 1-26986
- Kuwahara, M. *see* Minato, K. 1-35883
- Kuwahara, M. *see* Yamamoto, H. 1-53883
- Kuwahara, N. *see* Chu, B. 1-38244
- Kuwahara, T. *see* Yoshioka, N. 1-11199
- Kuwako, A. *see* Sera, K. 1-24265
- Kuwamoto, H., Honig, J.M., Appel, J. Electrical properties of the $(\text{V}_{1-x}\text{Cr}_x)_2\text{O}_3$ system 1-12157
- Kuwamoto, H. *see* Nagata, S. 1-34870
- Kuwano, H., Morooka, Y. Concentration dependence on isomer shift of ^{57}Fe in Fe-Cr alloys 1-31068
- Kuwano, J., West, A.R. New Li^+ ion conductors in the system, $\text{Li}_2\text{GeO}_4\text{-Li}_2\text{VO}_4$ 1-30458
- Kuwano, N., Eguchi, T., Doi, T. Stacking disorder and annealing behavior in the heavily deformed α_1 phase of Cu-Al alloys 1-15910
- Kuwano, S., Namba, S., Nakajima, Y. On the noisiness of steady state and intermittent noises 1-24592
- Kuwano, S. *see* Namba, S. 1-21957
- Kuwano, Y. Amorphous silicon solar cell and integrated cell module 1-48841
- Kuwano, Y., Imai, T., Ohnishi, M., Nakano, S., Fukatsu, T. Amorphous Si photovoltaic cells and cell module (integrated cell module) 1-8710
- Kuwata, J., Uchino, K., Nomura, S. Electrostrictive coefficients of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics 1-21130
- Kuwata, K. *see* Hanazaki, I. 1-6248
- Kuyt, G. *see* Khoe, G.-d. 1-11211
- Kuyt, G. *see* Khoe, G.D. 1-46598
- Kuze, E. *see* Akiyama, R. 1-11671
- Kuze, E. *see* Kondo, K. 1-20053
- Kuze, H. Microwave spectrum of water in the ν_2 excited vibrational state 1-6242
- Kuzebnyi, V.S. *see* Polyanskiy, N.V. 1-13455
- Kuzelev, M.V. *see* Bogdankevich, L.S. 1-24985
- Kuzemko, A.M. *see* Il'ina, A.M. 1-24741
- Kuzemskii, A.L. Neutron scattering and magnetic properties of the ferromagnetic transition metals and their alloys 1-52748
- Kuzenkov, V.K. *see* Repik, E.U. 1-51762
- Kuzenkova, M.A. *see* Pshenichnaya, O.V. 1-26415
- Kuzhak, K.Ya. *see* Bartelskii, A.M. 1-21197
- Kuzhevskiy, B.M., Logachev, Yu.I., Petrova, I.V. Investigation of the propagation of solar cosmic rays with allowance for the time dependence of the diffusion coefficient 1-22649
- Kuzhir, P.G., Trofimenco, E.E. Simulated breaking of T invariance in nuclear gamma transitions 1-33233
- Kuzichev, V.N. *see* Agapov, N.N. 1-6063
- Kuzikovskii, A.V. *see* Zemlyanov, A.A. 1-33733
- Kuz'ko, A.V. *see* Bogdanova, Kh.G. 1-21025
- Kuzma, T.J. *see* Slettebak, A. 1-49626, 1-49642
- Kuz'ma, Yu.B., Chaban, N.F., Vitok, O.S. Phase equilibria at 800°C in the Ta-Co-B and Nb-Co-B systems 1-3699
- Kuz'ma, Yu.B. *see* Chaban, N.F. 1-15835
- Kuz'ma, Yu.B. *see* Marko, M.A. 1-31421
- Kuz'ma, Yu.B. *see* Mikhailenko, S.I. 1-30165
- Kuzmak, E.M., Karmazinov, N.P., Masin, M.M. The effect of the simulated thermal cycle of welding on the corrosion resistance of the 06KhN28MDT alloy 1-35453
- Kuzmany, H., Elbert, M. Direct evidence for controlled band filling in the mixed crystal NMP, Phen_1 , TCNQ 1-3410
- Kuzmany, H. *see* Schugler, F.B. 1-46178
- Kuzmenko, I.N. *see* Landau, A.I. 1-21522
- Kuzmenko, I.N. *see* Pustovalov, V.V. 1-21542
- Kuzmenko, N.E. *see* Monyakin, A.P. 1-1147
- Kuz'menko, N.K., Mikhailov, V.M. Effect of pairing and quadrupole forces on the energy of the 0^+ states of rare earth nuclei 1-23530
- Kuzmenko, V.A. *see* Golovin, S.A. 1-42461
- Kuzmenko, V.A. *see* Goncharov, K.S. 1-5679
- Kuz'menko, V.A. *see* Klimov, V.D. 1-6241
- Kuz'menko, V.M., Mel'nikov, V.I. Possibility of magnetic ordering in amorphous manganese 1-30713
- Kuz'menko, V.M., Mel'nikov, V.I., Sudovtsov, A.I. The Hall effect of amorphous gallium 1-12097
- Kuz'menkov, L.S., Naumov, N.D. Tetrad technique in the theory of relativistic plasma waves with radiative friction 1-29860
- Kuz'menkov, L.S., Polyakov, P.A. Radiative effects on the beam instability in plasmas 1-29885
- Kuz'menkov, M.I. *see* Strugach, L.S. 1-15809
- Kuz'michev, A.A., Sviridov, V.V. Some properties of photochromic films based on Ag and Cu halides 1-8145
- Kuz'michev, M.N. *see* Glushkov, V.V. 1-19503
- Kuz'michev, S.V. *see* Demchenko, A.I. 1-3223
- Kuz'michev, V.M. *see* Katrich, A.B. 1-41574
- Kuz'michev, Yu.S. *see* Ashkinazi, G.A. 1-34786
- Kuzmin, A.D. *see* Bartel, N. 1-36316
- Kuz'min, A.D. *see* Shabanova, T.V. 1-4931
- Kuz'min, A.D. *see* Vvedenskii, V.A. 1-4772
- Kuz'min, A.D. *see* Vyzhlov, B.V. 1-4932
- Kuz'min, A.G. Nonequilibrium emission and air ionization ahead of a shock front 1-24843
- Kuzmin, A.K. *see* Sauvaud, J.A. 1-17739
- Kuz'min, E.A. *see* Bochkarev, O.B. 1-23625
- Kuz'min, E.A. *see* Khalmanov, V.V. 1-25190
- Kuz'min, E.A. *see* Soldatov, E.A. 1-20027, 1-25216, 1-30191, 1-30194
- Kuz'min, L.A. *see* Barsov, S.G. 1-16518
- Kuz'min, M.G. *see* Solovcheikh, O.M. 1-28109
- Kuz'min, M.I. *see* Pirogov, V.P. 1-17440
- Kuz'min, M.V., Sazanov, V.N. Complete population inversion in a multilevel quantum system on adiabatic switching on of an external resonance field 1-24379
- Kuz'min, P.I. *see* Vdovin, Yu.A. 1-51443
- Kuzmin, R.N. *see* Andreeva, M.A. 1-43048
- Kuz'min, R.N. *see* Bushuev, V.A. 1-6533
- Kuz'min, V.A. Metrological provisions for measuring liquid flow rates 1-19848
- Kuz'min, V.A., Mnatsakanov, T.T., Shuman, V.B. Effect of electron-hole scattering in the I,V characteristic of multilayer silicon structures at high current densities 1-52650
- Kuz'min, V.A. *see* Ignat'ev, A.Yu. 1-13899
- Kuz'min, V.A. *see* Korolev, Yu.D. 1-42239
- Kuz'min, V.S. Phase transition to spontaneous coherent state in paraelectric systems 1-48014
- Kuz'min, V.S. *see* Ivanov, A.A. 1-3244
- Kuz'min, V.S. *see* Lebedev, V.A. 1-25120
- Kuz'min, Yu.P. *see* Vyzhlov, B.V. 1-4932
- Kuzmina, E.N. *see* Ogilvy, A.A. 1-54266
- Kuz'mina, G.A. *see* Petrov, A.L. 1-21173
- Kuz'mina, N.E. *see* Zhuk, I.P. 1-11853
- Kuzmina, N.P. On the oceanic frontogenesis 1-44204
- Kuz'mina, S.I. *see* Pushkar', V.N. 1-30992
- Kuz'mina, T.G. *see* Turanskaya, N.V. 1-4643
- Kuz'mina, V.E., Matveev, S.K. Numerical study of the unstable interaction of a supersonic stream with a flat barrier 1-42065
- Kuz'mina, V.T. *see* Goryainov, Yu.A. 1-44941
- Kuz'minov, E.G. *see* Sinii, I.G. 1-8049
- Kuz'minov, E.G. *see* Smolenskii, G.A. 1-8048, 1-8050
- Kuz'minov, Yu.S., Osiko, V.V., Prokhorov, A.M. Electrooptic and nonlinear optical properties of oxygen-octahedral ferroelectrics 1-52900
- Kuz'minov, Yu.S. *see* Zolot'ko, A.S. 1-35067
- Kuz'minskii, I.N. *see* Karasev, A.B. 1-2164
- Kuz'minykh, V.A., Vorob'ev, S.A. Radial and transverse distributions of particle density and energy in absorption of fast electrons and positrons by matter 1-47116
- Kuznechikov, O.V. *see* Baldin, V.A. 1-19658
- Kuznetsov, A.A., Morozov, B.A., Nikitin, V.A., Nomokonov, P.V., Pilipenko, Yu.K., Smirnov, V.A., Malamud, E., Yamada, R., Jenkins, E., Gross, D., Sandach, A. Measurement of the ratio of real and imaginary parts of the amplitudes of small-angle pp and pd scattering in the energy region from 50 up to 400 GeV 1-36883
- Kuznetsov, A.A. *see* Baryshev, V.I. 1-27265
- Kuznetsov, A.I. *see* Amitin, L.N. 1-16230
- Kuznetsov, A.M. *see* German, E.D. 1-21694
- Kuznetsov, A.N. *see* Garkusha, I.P. 1-43549
- Kuznetsov, A.V., Manevich, A.Sh. Vertical entry of a slender inclined symmetric profile into a compressible fluid 1-19738
- Kuznetsov, A.V., Psarev, V.I. Peritectic transformations in crystallization of alloys of the Al-Cr system. I 1-47212
- Kuznetsov, A.V. *see* Alekperov, T.A. 1-54441
- Kuznetsov, A.V. *see* Al'tman, V.A. 1-31678
- Kuznetsov, A.V. *see* Estulin, I.V. 1-49860
- Kuznetsov, A.V. *see* Psarev, V.I. 1-47213
- Kuznetsov, A.V. *see* Zhenchenko, V.M. 1-9732
- Kuznetsov, A.Ya. *see* Kruglova, A.V. 1-29419
- Kuznetsov, B.A. *see* Selivanov, V.M. 1-36995
- Kuznetsov, B.M. *see* Sergeev, V.A. 1-54330
- Kuznetsov, B.V. Method of testing half-wave phase plates 1-11195
- Kuznetsov, B.V. Stabilization of the emission wavelength of a neodymium laser by an interference-polarization filter 1-51495
- Kuznetsov, B.V., Maslyukov, Yu.S. Electrooptic tuning of the output frequency of a flashlamp-pumped liquid dye laser 1-46389
- Kuznetsov, D.A. *see* Hodorowicz, S. 1-20090
- Kuznetsov, E.A., Lvov, V.S. On developed hydrodynamic turbulence spectra 1-51748
- Kuznetsov, E.A. *see* Krugljak, Z.B. 1-42025
- Kuznetsov, E.P. *see* Bakanina, L.P. 1-29256
- Kuznetsov, E.V. *see* Gerasimov, V.V. 1-39483
- Kuznetsov, F.A. *see* Danilovich, V.S. 1-30261
- Kuznetsov, G.I. *see* Danilov, Yu.A. 1-36810
- Kuznetsov, G.P. *see* Mazel', R.E. 1-35369
- Kuznetsov, G.V. *see* Al'feyev, V.N. 1-34834
- Kuznetsov, I.N. *see* Zverev, G.M. 1-37520
- Kuznetsov, I.S. *see* Gorodetskii, A.K. 1-13569
- Kuznetsov, Ju.N. *see* Nevsky, O.B. 1-21373
- Kuznetsov, M.M. *see* Kuznetsov, V.M. 1-37997
- Kuznetsov, N.M., Popov, V.M., Khodyko, Yu.V. Analysis of shock wave structure in a low-density diatomic gas, with treatment of radiation and vibrational and chemical relaxation 1-24842
- Kuznetsov, N.V. *see* Bulgakov, Yu.V. 1-7612, 1-7613, 1-38416
- Kuznetsov, O.L. *see* Voznesenskii, B.S. 1-27292
- Kuznetsov, P.I. *see* Iremashvili, D.V. 1-51019, 1-51356
- Kuznetsov, S.A. *see* Gryaznov, G.M. 1-35512
- Kuznetsov, S.M. *see* Genin, L.G. 1-1806
- Kuznetsov, T.D. *see* Solov'ev, L.S. 1-22789
- Kuznetsov, V.A., Kostylev, K.A., Shamraev, V.N. Induced absorption spectrum of aqueous solutions of rhodamine G in the UV region 1-51473
- Kuznetsov, V.A., Nesterova, Z.V., Popov, Yu.V., Shternberg, A.A. Microwave modulation of light by cubic crystals of ZnS 1-29383
- Kuznetsov, V.A. *see* Bereznina, S.I. 1-33863, 1-37747
- Kuznetsov, V.A. *see* Gerasimenko, M.V. 1-38102
- Kuznetsov, V.A. *see* Molodnyakov, S.P. 1-43685
- Kuznetsov, V.D. Radiation of a current layer 1-49506
- Kuznetsov, V.D., Syrovatskii, S.I. On the possibility of observations of current sheets in radio band 1-54451
- Kuznetsov, V.D. *see* Syrovatskii, S.I. 1-4901
- Kuznetsov, V.F. The temperature distribution in a fuel pin and sheath with radiative heat transfer 1-28533
- Kuznetsov, V.F. *see* Yenin, V.N. 1-27937
- Kuznetsov, V.G., Pavinskii, P.P. Calculation of higher harmonics for Coulomb potential of crystal. II. Expansion of the Ewald function for a FCC lattice in a series of cubic harmonics 1-40727
- Kuznetsov, V.G. *see* Kanishcheva, A.S. 1-25226
- Kuznetsov, V.G. *see* Palkina, K.K. 1-34304
- Kuznetsov, V.G. *see* Pavinskii, P.P. 1-2381
- Kuznetsov, V.I., Ender, A.Ya. Linear theory of the electronic transients in a Knudsen diode with a plasma formed at the cathode 1-25078
- Kuznetsov, V.I. *see* Babanin, V.I. 1-26357

- Kuznetsov, V.L., Bgatova, G.F., Titarenko, V.V. The possible use of S-waves to study the base-ment of the Tungus Syncline 1-44153
- Kuznetsov, V.L., Nedorezov, V.G., Nikitina, N.V. Effects of gamma radiation on efficiency of registration of fission fragments in a spark counter 1-1010
- Kuznetsov, V.L., Nedorezov, V.G., Nikitina, N.V., Noga, V.I., Ranyuk, Yu.N., Telgin, Yu.N., Smirnov, A.N., Eismont, B.P. ^{238}U and ^{237}Np nuclear fission by 90-270 MeV electrons 1-41154
- Kuznetsov, V.L., Sal'nikov, A.S. Seismic data on the thickness of the crust in the interior zone of the Tunguska syncline 1-22258
- Kuznetsov, V.L., Shatkus, A.D. Stimulated scattering of an electromagnetic pulse by a relativistic electron packet 1-51354
- Kuznetsov, V.M. Gasdynamic model of the flow of an inverse mixture of gases in a resonator 1-46284
- Kuznetsov, V.M., Kuznetsov, M.M. Heat and mass transfer of an aerosol during mixing with the flux of a nonequilibrium vibrationally excited medium 1-37997
- Kuznetsov, V.M. see Blagosklonov, V.I. 1-15510
- Kuznetsov, V.M. see Vorob'ev, S.A. 1-30286
- Kuznetsov, V.N. see Platonov, P.A. 1-28603
- Kuznetsov, V.P. see Zakirov, R.M. 1-30859
- Kuznetsov, V.V., Kazakov, V.A., Grigor'ev, V.P., Titova, V.N., Davidenko, T.N., Skibina, L.M. Kinetic studies of aluminum electrodeposition in electrolytes with aromatic hydrocarbons 1-53112
- Kuznetsov, V.V., Lokmatov, V.M. A pulse triggering selector for borehole devices in acoustic logging apparatus 1-27282
- Kuznetsov, V.V. see Abdurazakov, A.A. 1-33217
- Kuznetsov, V.V. see Adam, I. 1-636, 1-50507
- Kuznetsov, V.V. see Badrukhin, Yu.I. 1-46726
- Kuznetsov, V.V. see Batsev, S. 1-45384
- Kuznetsov, V.V. see Budzyak, A.V. 1-45466
- Kuznetsov, V.V. see Vyllov, Ts. 1-45422
- Kuznetsov, V.Ya., Rogachev, D.L., Sadikov, C.G., Dikareva, L.M., Porai-Koshits, M.A. Structure of the double fluoride and metaniobate of potassium KF_4KNbO_5 . Four types of coordination of the light atoms in the structure 1-42358
- Kuznetsov, V.Ya. see Rogachev, D.L. 1-42359
- Kuznetsov, Ye.A., Gorokhovskiy, G.A. Distribution of the mechanical energy supplied to the contact area by a periodic sinusoidal indenter 1-19655
- Kuznetsov, Ye.A., Gorokhovskiy, G.A. The depth of propagation of elastic deformation in rough bodies under frictional contact 1-37857
- Kuznetsov, Yu.A. see Podsvirov, O.A. 1-26326
- Kuznetsov, Yu.V., Lazutin, E.V., Novikov, Yu.A., Piskarev, I.M. System for slow discharge of a betatron electron beam 1-37031
- Kuznetsov, Yu.V., Novikov, Yu.A., Piskarev, I.M. Combined system for stabilizing the bremsstrahlung intensity of a betatron 1-51003
- Kuznetsov, Yu.V., Terent'ev, A.G. Flow past a plate under the free surface of a weightless liquid 1-37870
- Kuznetsov, Yu.V. see Dul'nev, G.N. 1-46657
- Kuznetsova, A.F. see Ignatov, A.V. 1-5298
- Kuznetsova, A.F. see Klokov, N.P. 1-44903
- Kuznetsova, A.I. see Mergulish, V.I. 1-51922
- Kuznetsova, E.S. see Aksimenko, V.D. 1-18662
- Kuznetsova, E.S. see Bartke, E. 1-5664
- Kuznetsova, G.N., Tolstoy, V.P., Kol'tsov, S.I., Aleksovskiy, V.B. Optimum conditions for the detection of IR reflected-absorption spectra of oxide layers on metals 1-48079
- Kuznetsova, I.G. see Poluboyarinov, D.N. 1-31390
- Kuznetsova, L.A. see Monyakin, A.P. 1-1147
- Kuznetsova, M.A., Mozhaev, A.P., Oleinikov, N.N., Tret'yakov, Yu.D. Volatilization of lithium from lithium-containing ferrites during sintering 1-35207
- Kuznetsova, M.A., Mozhaev, A.P., Tret'yakov, Yu.D. Influence of the nature of the initial salts on chemical homogeneity and sintering of doped hematite obtained by the cryochemical method 1-35206
- Kuznetsova, O.A. see Orlova, G.M. 1-38574
- Kuznetsova, T.E. see Mel'ker, A.I. 1-11818
- Kuznetsova, T.I. Propagation of a pseudorandom spatially modulated optical signal through an amplifying medium 1-33771
- Kuznetsova, T.M., Alekseev, N.V., Veniaminov, N.N. Electron-diffraction study of the molecular structure of gem-difluorocyclopropyltrichlorosilane 1-6400
- Kuznetsova, T.V. see Deryagin, B.V. 1-53481
- Kuznetsova, T.V. see Plekhanov, V.P. 1-33571
- Kuznetsova, V.V., Razvina, T.I., Khomenko, V.S. Spectral analysis of molecular structure for rare-earth coordination compounds 1-19086
- Kuznetsova, V.V. see Sergeev, I.I. 1-43163
- Kuzovlev, Yu.E. see Bochkov, G.N. 1-32946
- Kuzuta, N. see Ishiware, H. 1-16196
- Kuz'yakov, B.A. see Grigor'yants, V.V. 1-33656, 1-33657
- Kuz'yakov, Yu.Ya. see Gusarskii, V.V. 1-16627
- Kuz'yakov, Yu.Ya. see Monyakin, A.P. 1-1147
- Kuz'yukov, A.N., Levchenko, V.A. Influence of the distribution of dislocations on the rate of intercrystalline corrosion of austenitic steels 1-3963
- Kvale, T.J. see Aldag, J.E. 1-46103
- Kvantov, M.A., Kostikov, Yu.P. A magnetochemical investigation of reduced barium titanate 1-43654
- Kvantov, M.A. see Geiman, K.I. 1-3139
- Kvapil, J., Perner, B., Kvapil, J., Blazek, K. Purity and doping possibilities of Al_2O_3 and YAG molten in Mo crucibles and crystals grown from this melt 1-53083
- Kvapil, J., Vitamvas, Z., Perner, B., Kvapil, J., Manek, B., Adametz, O., Kubelka, J. Influence of dopants and preparation method on the thermoluminescence properties of corundum crystals 1-26288
- Kvapil, J. see Kvapil, J. 1-26288, 1-53083
- Kvasha, A.N., Babchenko, B.P., Verkhovod, V.K., Kriukun, Yu.A., Man'ko, T.A., Ryabovol, A.A., Solov'ev, A.V. Influence of a magnetic field on the mechanical properties and structure of phenol-furfural resin 1-16821
- Kvashina, A.G. Cell model of suspension of spherical particles 1-2061
- Kvasil, B. Calculation of reflecting areas by the Rayleigh and Raman dispersion on a gas medium in the atmosphere 1-51369
- Kvasil, J. see Sterba, F. 1-14442
- Kvasnicka, J. Radon concentration in the soil air measured by track detectors 1-6080
- Kvasnicka, V. Minimum of flashover voltage in air determined on a sliding arrangement 1-34136
- Kvasnicka, V. Complete fourth-order calculations of the correlation energy of closed-shell molecules by diagrammatic RSPT 1-41301
- Kvasnicka, V., Larunc, V., Biskupic, S. Complete fourth-order calculation of correlation energy for closed-shell molecules by diagrammatic RSPT 1-28844
- Kvasnikov, E.D. see Kozenkov, V.M. 1-29372
- Kvasov, N.V. see Zhurakovskii, L.A. 1-31816
- Kvatadze, R.A. see Angelov, N.S. 1-18525
- Kvernes, I., Fartum, P., Henriksen, R. Characterization of microstructures and measurements of thermal effects of ceramic coatings in diesel engines in service 1-30597
- Kvetan, K., Oravec, J. Energy resolution of non-total absorption detectors 1-51033
- Kvetan, K. see Oravec, J. 1-51033
- Kvetan, K. see Sitar, B. 1-51032
- Kvon, Z.D., Neizvestnyi, I.G., Ovsyuk, V.N., Yagunova, G.A. Charge carrier transfer anisotropy in inversion layers on high index Si surfaces 1-2984
- Kvurt, Yu.P., Kholpanov, L.P., Malyusov, V.A., Zhavoronkov, N.M. Calculation of the wave parameters of two-phase, ascending, film flow by the methods of statistics 1-46799
- Kwaaijaal, Th. see van der Straten, P.J.M. 1-3231
- Kwak, N. see Derrick, M. 1-45261
- Kwan, B. see Chiang, I-H. 1-45353
- Kwan, J. see Pearson, J.B. 1-29878
- Kwan, S.H., Shin, F.G., Tsui, W.L. Direct current electrical conductivity of silver-thermosetting polyester composites 1-30791
- Kwan, S.K. The discharge process and efficiency of ozonizer 1-15701
- Kwan, T.J.T. Trapped particle dynamics and efficiency optimization in free electron lasers 1-1540
- Kwan, T.J.T. An investigation of efficiency optimization in free-electron lasers 1-15138
- Kwan, T.J.T. see Cary, J.R. 1-15137
- Kwan Chen Chih see Chih Kwan Chen
- Kwan Hee Han see Woong Kil Choo 1-16720
- Kwan Kim, King, W.T. Integrated infrared intensities and atomic polar tensors in fluoroform 1-37188
- Kwan Kim Jae see Jae Kwan Kim
- Kwan Lau Chi see Chi Kwan Lau
- Kwan-Yu Chen, Wood, F.B., Barker, E.S. A study of the Mg II k line in beta Persei 1-54545
- Kwang Min Ngen see Ngen Kwang Min
- Kwang Sup Soh see Kyungsik Kang 1-33146
- Kwang Yu see Paddison, F.C. 1-26816
- Kwang-Pock Yoo see Gerace, W.J. 1-23686
- Kwapulinska, E., Kaczmarek, K., Chelkowski, A. ESR of Gd^{3+} in intermetallic compounds Gd_2ReAl_2 (Re = Dy, Ho, Er) 1-34935
- Kwarecki, K. see Mezykowski, T. 1-4324
- Kwasnik, J., Jaworski, W. Development of chemical current sources 1-39753
- Kwasnitza, K., Horvath, I., Bruzzone, P. Pulsed magnetic field losses of two 15000 A test superconductors designed for the Swiss fusion research LCT coil 1-47789
- Kwasnitza, K., Narlikar, A.V., Nissen, H.U., Salathe, D. Growth and structural studies of multifilamentary Nb_3Sn formed by solid state diffusion 1-48301
- Kwei, C.M. see Tung, C.J. 1-39199
- Kwiat, D. An improved single-parameter escape probability function 1-5835
- Kwiatkowska, J. see Krygowska-Doniec, M. 1-26025
- Kwiatkowski, A., Reszka, K., Szymanski, A. Preparation of corundum and steatite ceramics by the freeze-drying method 1-48306
- Kwiatkowski, K.K. see Breuer, H. 1-23674
- Kwiecinski, J., Praszalowicz, M. Regge behaviour of symmetric octet exchange amplitude for gluon-gluon scattering 1-45199
- Kwiecinski, S. see Wasilewska-Radwanska, M. 1-21822
- Kwiek, P., Markiewicz, A., Sliwinski, A. Optical holography with a reference beam of consensoidally modulated amplitude for the investigation of ultrasonic fields 1-19522
- Kwiek, P., Markiewicz, A., Sliwinski, A. Modulation of light in diffraction orders in the case of ultrasonic-light-diffraction by two adjacent progressing beams with frequencies 1:2 1-37406
- Kwiram, A.L. see Reuveni, A. 1-39008
- Kwizera, P., Mabata, A.K., Adler, D., Dresselhaus, M.S. Electronic structure of nickel dichalcogenides 1-47460
- Kwo, J. see Orlando, T.P. 1-47822
- Kwo Ray Chu see Read, M.E. 1-1536
- Kwo Ray Chu see Silverstein, J.D. 1-1537
- Kwob, Y.S. see Reed, I.S. 1-26981
- Kwok, H.L. A structural approach to the analysis of the electronic properties of chemically sprayed Cds films and cells 1-8723
- Kwok, H.L. see Chow, L.W. 1-48840
- Kwok, M.A. see Wilkins, R.L. 1-1335
- Kwok, S. Star dust, mass loss and the late stages of stellar evolution 1-36285
- Kwok To Yue see Tsuda, M. 1-8863
- Kwok-Cheng Tam, Perez-Mendez, V. Limited-angle 3-D reconstructions using Fourier transform iterations and Radon transform iterations 1-51392
- Kwok-leung Yip, Li, L.S., Chen, I. On the computation of Onsager quantum efficiency 1-42815
- Kwon, H. see Boehm, F. 1-18466
- Kwon, O. see Rubin, L. 1-5365
- Kwon, S.C., Jai Young Lee Studies on the kinetics of the formation and annihilation of the intermetallic compounds between Fe-Al 1-34522
- Kwon Hwangbo Chang see Chang Kwon Hwangbo
- Kwon Jong-Sang see Jong-Sang Kwon
- Kwon Yong-Se see Yong-Se Kwon
- Kwon, H.S. see Beesom, R.M. 1-43729
- Kwong, R.B. see Beckel, C.L. 1-24108, 1-37290, 1-37292
- Kwong, W., Rosner, J.L., Schonfeld, J.F., Quigg, C., Thacker, H.B. Degeneracy in one-dimensional quantum mechanics 1-22967
- Kwong, W. see Schonfeld, J.F. 1-490
- Kwun, H., Hikata, A., Elbaum, C. Nonlinear interactions of two ultrasonic waves in a dispersionless liquid medium 1-6704
- Kwun, H., Hikata, A., Elbaum, C. Anharmonic effects in ultrasonic propagation near the λ -transition of ^4He 1-6129
- Kwun, S.I., Fournelle, R. Low cycle fatigue behavior of a quenched and tempered niobium bearing HSLA steel 1-8429
- Kwun, S.I. see Kim, Y.T. 1-12496
- Kwun, S.I. see Liaw, P.K. 1-53268
- Ky Lan Va see Vo Ky Lan
- Ky Toan Nguyen see Nguyen Ky Toan
- Kyanka, G.H. Fatigue properties of wood and wood composites 1-1993
- Kyanka, G.H. see Armstrong, J.P. 1-21684
- Kyarner, T.N., Malyshova, A.F., Maaros, A.A., Myrsk, V.V. Thermally stimulated luminescence of MgO single crystals at temperatures 4.2-600K 1-21282
- Kyashkin, V.M., Zhdanov, G.S., Mirkin, L.I. Laser amorphization of metal alloys 1-3669
- Kyatchina, E.V. see Biryukov, V.T. 1-26690
- Kyazim-zade, A.G., Alieva, G.G., Eibatova, Sh.E., Gasanova, F.A. Some electrophysical properties of solid solutions of the system $\text{Bi}_2\text{Se}_3\text{-InTe}$ 1-30741
- Kyazumov, G.A. Rotation and mass of spiral galaxies NGC 7339 and NGC 7537 1-22898
- Kyberd, P. see Crabbe, D.G. 1-14413
- Kyberd, P. see Crosbie, E.A. 1-45340
- Kyica, T.F. see Carroll, A.S. 1-14372, 1-28803
- Kyica, T.F. see Chiang, I-H. 1-45353
- Kydd, R.A., Dunham, A.R.C. The infrared spectra and structure of acetamide and acrylamide 1-24146
- Kydes, A.S., Rabinowitz, J. The time-stepped energy system optimization model (TESOM) overview and special features 1-39725
- Kyle, B. see Dimock, C.W. 1-53714
- Kyncl, Z. New concept of impulse statistics analysis of room acoustics 1-15327
- Kyogoku, T. see Umemoto, H. 1-19049
- Kyoshima, A. see Kimura, K. 1-47126
- Kyoshima, A. see Mannami, M. 1-38415
- Kyoto, M. see Yoshioka, N. 1-11199
- Kyrala, A. Collisions with relative acceleration and cross sections in velocity space 1-36587
- Kyrchev, G. On the equivalence of the quadrupole phonon model and the interacting boson model 1-23576
- Kyrchev, G. see Kitipova, V. 1-23529

- Kyriakopoulos, E. Solutions of the Yang-Mills field equations 1-5496
- Kyro, E. *see* Antilla, R. 1-37203
- Kyro, E. *see* Kauppinen, J. 1-51200
- Kyrov, V.L. *see* Andreev, Yu.Ya. 1-3991
- Kyska, R. *see* Klementev, I. 1-27165
- Kyte, F.T., Zhou, Z., Wasson, J.T. Siderophile-enriched sediments from the Cretaceous-Tertiary boundary 1-32441
- Kytin, G.A. *see* Pogorelova, O.F. 1-23248
- Kytin, G.A. *see* Vorfolomeev, S.F. 1-23246
- Kyu, T., Suehiro, S., Nomura, S., Kawai, H. Rheo-optical studies on the deformation mechanism of semicrystalline polymers. X. Orientation retardation spectrum of polyethylene 1-3835
- Kyu, T., Yasuda, N., Suehiro, S., Hashimoto, T., Kawai, H. Rheo-optical studies on the deformation mechanism of semi-crystalline polymers. IX. Dynamic birefringence behaviour of a high-density polyethylene film having row nucleated crystalline texture of c-axis orientation 1-31124
- Kyu Park Han *see* Park Han Kyu
- Kymer, B.K. *see* Zhilich, A.G. 1-21178
- Kyung-shik Kim *see* Matsumoto, G. 1-8837
- Kyungsik Kang, J., Kim, J.E., Kwang Sup Soh, Song, H.S. Natural mass scale and neutrino oscillation 1-33146
- Kyuragi, H., Suzuki, A., Matsumura, S., Matsunami, H. Photoluminescence of lattice-matched $\text{In}_{1-x}\text{Ga}_x\text{P}_{1-y}\text{As}_y$ layers on GaAs 1-31178
- L. G. Ferran *see* Ferran L. G.
- L. Qi-Dong Deng *see* Deng L. Qi-Dong
- La Brecque, J.J. *see* Parker, W.C. 1-21348, 1-21752
- La Brecque, J.J. *see* Sajo-Bohus, L. 1-18974
- la Campa, J.I. Gonzalez de *see* Gonzalez de la Campa, J.I.
- La Celle, P.L. *see* Waugh, R.E. 1-22048
- la Cruz, F.de *see* de la Cruz, F.
- La France, P., Winternitz, P. Scattering formalism for nonidentical spinor particles 1-23519
- La Garza, L. Morales De *see* Morales De La Garza, L.
- La Guillaume, C. Benoit a *see* Benoit a La Guillaume, C.
- La Haye, R.J., Armentrout, C.J., Petersen, P.I., Stambaugh, R.D. Propagation of very slow lower hybrid waves in the Octopole Tokamak 1-6968
- la Herran, J. De *see* De La Herran, J.
- la Kampa, A. de *see* de la Kampa, A.
- La Mantia, F.P. *see* Acierio, D. 1-34391
- La Mantia, F.P. *see* Titomanlio, G. 1-53229
- La Mar, G.N. *see* Cutnell, J.D. 1-41410
- La Mesa, C. *see* D'Arrigo, G. 1-26920
- la Noe, J. De *see* De La Noe, J.
- la Pena, L. de *see* de la Pena, L.
- La Placa, J. *see* Segmuller, A. 1-42660
- La Placa, S.J. *see* Chaikin, P.M. 1-47624
- La Placa, S.J. *see* Chandrasekhar, G.V. 1-52341
- la Reza, R. de *see* de la Reza, R.
- La Roche, G.J. Ultrathin cell module technology 1-39782
- La Rue, R.M. De *see* De La Rue, R.M.
- la Serna, J. de *see* de la Serna, J.
- la Torre, A. de *see* de la Torre, A.
- La Vaissiere, C. de *see* de La Vaissiere, C.
- la Vaissiere, Ch. de *see* de la Vaissiere, Ch.
- La Vaissiere, Ch. de *see* de La Vaissiere, Ch.
- Laak, H.J.M. van der *see* van der Laak, H.J.M.
- Laak, J. Van *see* Van Laak, J.
- Laakso, I. *see* Basile, M. 1-10188
- Laaksonen, A. *see* Koskewski, J. 1-51107
- Laaksonen, L. *see* Desclaux, J.P. 1-41311
- Laan, H. van der *see* van der Laan, H.
- Laane, J., Kiefer, W. Interference effects in the high resolution CARS spectra of gases 1-33467
- Laane, J., Kiefer, W. Isotopic dilution studies of the chloroform-chloroform-d system by Raman difference spectroscopy 1-37214
- Laane, J. *see* Durig, J.R. 1-28907
- Laane, J. *see* Jagodzinski, P.W. 1-37199
- Laane, J. *see* Richardson, L.W. 1-28949
- Laar, J. Van *see* Van Laar, J.
- Laasanen, A.T. *see* Zissa, D.E. 1-33201
- Laats, E.T. *see* Peeler, G.B. 1-5945, 1-45682
- Lausser, H. *see* Mollenstedt, G. 1-5332
- Laback, O. On the timelike relation in space-time 1-27831
- Labarre, J.F. *see* Pelissier, M. 1-28868
- Labarre, J.-F. *see* Manfait, M. 1-48946
- Labarthe, J.J. Graphical method for computing the determinant and inverse of a matrix. II. Generating functions for the $\{a_n, b_n, 0, \dots\}$ representation matrices of $\text{SU}(n)$ 1-5532
- Labarthe, J.J. Comment on 'New relations between the Clebsch-Gordan coefficients of $\text{SU}(2)_1$ ' 1-5535
- Labasque, Y. *see* Laval, R. 1-24579
- Labat, M.L. *see* Graf, B. 1-17475
- Labaton, I. *see* Burde, J. 1-28412
- LaBaue, R.J. *see* George, D.C. 1-50966
- Labay, J. *see* Canal, R. 1-22803, 1-49705
- L'Abbate, A. *see* de Rossi, D. 1-32227
- Labbe, G. *see* Boehm, B. 1-21688
- Labbe, J.-C. *see* Billy, M. 1-20153
- Labbe, M. *see* Metayer, M. 1-48732
- Labbe, P. *see* Girault, J.P. 1-15854
- Labbe, P. *see* Guillo, M. 1-15845
- Labbe, Ph. *see* Goret, M. 1-15875
- LaBelle, D.W. *see* Gharakhani, A. 1-28669
- Laberrerie, A., Baloisier, G., Beorchia, A., Bonhomme, P., Bonnet, N., Troyon, M. Direct treatment of deconvolution holographic TEM with the aid of Electrotitus. Use of an electrostatic phase diaphragm 1-50280
- Labeyrie, A. *see* Bonneau, D. 1-9574
- Labiak, W.G. Software for the local control and instrumentation system for MFTF 1-10529
- Labianca, F.M. *see* Kadota, T.T. 1-9168
- Labib, H., Fornazero, J., Mesnard, G. Surface tension and heat expansion of pure and iodine doped liquid selenium 1-25533
- Labib, H.H.A. *see* Abou el Ela, A.H. 1-2709
- Labik, S., Maliyevsky, A., Nezbeda, I. The radial distribution function of a soft-repulsive hard core particle system 1-30018
- Labno, J. Strain gauge instrumentation on a nuclear reactor containment vessel 1-23788
- Labno, W. *see* Lesniak, M. 1-20059
- LaBoda, M.A. High speed plating: an air pressure flow system 1-48284
- LaBoda, M.A., Holden, A.H., Hoare, J.P. High speed electrodeposition of chromium from low concentration chromic acid solutions 1-8244
- Labonte, B.J. The orientation of the solar rotation axis from Doppler velocity observations 1-54467
- LaBonte, B.J. *see* Howard, R. 1-9444
- Labonte, G. A relatively simple equation for an antisymmetric tensor spinor field of spin $3/2$ 1-18364
- Labonville Walling, P. *see* Ferraro, J.R. 1-52925
- Laborde, O. *see* Bethoux, O. 1-30893
- Labotka, T.C. Petrology of a medium-pressure regional metamorphic terrane, Funeral Mountains, California 1-17590
- Labowski, M. Amplitude and phase fluctuations of an ultrasonic wave in a nonuniform medium 1-15317
- Labrenz, M. *see* Salge, J. 1-15702
- Labrune, J.-C., Theobald, J.-G. Measurement of collision cross sections between ammonia and hydrocarbons 1-51268
- Labrune, J.-C. *see* Chardon, J. 1-28959
- Labrune, M. *see* Hamzaoui, S. 1-34913
- Labz, J., Scheel, W. The secure splicing of glass fibre conductors - a review 1-11102
- Labuda, S.A. *see* Acharov, O.V. 1-1238, 1-24897
- Labusch, R. Physical aspects of precipitation and solid solution-hardening 1-43350
- Labusch, R., Schroter, W. Electrical properties of dislocations in semiconductors 1-2445
- Labusch, R. *see* Dellafera, P. 1-43275
- Labusch, R. *see* Haasen, P. 1-21461
- Labushkin, V.G., Lovov, A.A., Faleev, N.N., Figin, V.A. X-ray diffraction investigation of the influence of the magnetic domain structure on the degree of imperfection of weakly ferromagnetic hematite and iron borate crystals 1-25976
- Labushkin, V.G., Sarkisyan, V.A. Effective change of hyperfine interactions on collective excitation of nuclei 1-21097
- Labutin, A.A. Transformation of formulas on conversion to SI system 1-14090
- Labuz, S. *see* Stanek, M. 1-51161
- Labacanne, C., Chatain, D., El Sayed, T., Brousseau, D., Micheron, F. Transitions in poly(vinylidene fluoride) by thermally stimulated techniques 1-38296
- Labacanne, C. *see* Jarrigeon, M. 1-7306
- Labcam, A., Madon, M., Poirier, J.P. Olivine glass and spinel formed in a laser heated, diamond-anvil high pressure cell 1-13436
- Labcam, A. *see* Vo Than, D. 1-44175
- Lacasse, M.G. *see* Helfer, H.L. 1-44555
- Lacaux, J.-P., Warburton, J.A. The disposition of silver released from Soviet Oblako Rockets in precipitation during the hail suppression experiment Grossversuch IV. I. Measurements of background and a preliminary seeding test 1-44259
- Lacaze, R. *see* Floratos, E.G. 1-28278, 1-28332
- Lacelle, N. *see* Neuhoff, K.J. 1-26874
- Lacey, M.J. *see* Macdonald, C.G. 1-28111
- Lachambre, J.L. *see* Neufeld, C.R. 1-19920
- Lachance, G.R. A practical relation between atomic numbers and alpha coefficients 1-21833
- Lachapelle, E.D. *see* Babcock, W.C. 1-21775, 1-21776
- Lacheisserie, E. du Tremolet de *see* du Tremolet de Lacheisserie, E.
- Lachenbruch, A.H. Frictional heating, fluid pressure, and the resistance to fault motion 1-27086
- Lachenbruch, A.H. Comment on 'A reinterpretation of the linear heat flow and heat production relationship for the exponential model of the heat production in the crust' by R.N. Singh and J.G. Negi 1-27100
- Lachenbruch, A.H., Sass, J.H. Heat flow and energetics of the San Andreas fault zone 1-27108
- Lachet, B. *see* Bertsche, U. 1-43909
- Lachet, B. *see* Deschavanne, P.J. 1-8918
- Lachinov, A.N., Chuvyrov, A.N., Gil'manova, N.Kh. Pyroelectric effect in nematic liquid crystals 1-26134
- Lachkar, J. *see* Delaroche, J.P. 1-36902
- Lachkar, J. *see* Lagrange, Ch. 1-704
- Lachowicz, H. *see* Brajczewska, M. 1-5343
- Lachowicz, H.K. *see* Twarowski, K. 1-52810
- Lachowski, E.E., Mohan, K., Taylor, H.F.W., Moore, A.E. Analytical electron microscopy of cement pastes. II. Pastes of portland cements and clinkers 1-3706
- Lachowski, E.E. *see* Dixon, S. 1-31443
- Lachter, A., Gianduzzo, J.C., Barriere, A.S., Fournes, L., Menil, F. Magnetic and Mossbauer resonance studies of FeF_3 thin films 1-21017
- Lackas, W. *see* Berger, C. 1-5636, 1-10209
- Lackas, W. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Lackmann, R. *see* Hudde, H. 1-41929
- Lackner, A.M. *see* Soffer, B.H. 1-24478, 1-51602
- Lackner, K. *see* Niedermeyer, H. 1-25040
- Laclore, F., Cormier, P. Stability measurements of pillars at CERGA Observatory by clinometry 1-49507
- Laclore, F., Demarcq, J., Chollet, F. Solar astrolabe construction at CERGA 1-49510
- Lacoe, R.C., Gruner, G., Chaikin, P.M. The thermoelectric power of MEM(TCNQ), 1-30732
- Lacombe, C. *see* Essabab, H. 1-35804
- Lacombe, C. *see* Soulet, S. 1-35805
- Lacombe, P., Fontaine, G. The variables of ZZ Ceti type 1-9492
- Lacombe, P. *see* Delaunay, D. 1-48562
- Lacombe, P. *see* Donadille, C. 1-26577
- Lacombe, P. *see* Fontaine, G. 1-9503
- Lacombe, P. *see* Moulin, G. 1-30272
- Lacombe, P. *see* Severac, C. 1-16854
- Lacombe, R.H., Kellner, B.M.J. Thermal-mechanical properties of a monomolecular film detected by a vibrating reed 1-52457
- Lacome, N., Levy, A. Linestrengths and self-broadened linewidths of N_2O in the 2- μm region - $2400\text{-}0000$ and $01^2\text{-}00^0$ transitions 1-45954
- LaConti, A.B. *see* Sedlak, J.M. 1-32054
- Lacotte, J.C. *see* Colas, J. 1-14782
- Lacoume, J.-L. *see* Glangcaud, F. 1-4714
- Lacour, C. Relationship between thermochemical treatment and transparency of MgAl_2O_4 prepared from freeze-dried liquid solutions 1-16914
- Lacourt, A. Optical correlations with spatially and temporally incoherent light 1-51401
- Lacquaniti, V. *see* Cucolo, A.M. 1-50157
- Lacroix, A.V. A short note on cryoseisms 1-35938
- Lacroix, C. Crystallographic and magnetic structures of materials with threefold orbital degeneracy: application to $\text{CaCu}_2\text{Ti}_2\text{O}_{10}$ 1-2405
- Lacroix, J.C. *see* Atten, P. 1-11370
- Lacroix, M. *see* Boehm, B. 1-21688
- Lacroix, R., Weber, J., Duval, E., Boyrivent, A. Structure of the $\text{A}_{2g} \rightarrow \text{T}_{2g}$ zero-phonon spectrum in MgO:Cr^{3+} Spin-orbit and vibronic couplings 1-3427
- Lacroix, R. *see* Weber, J. 1-19036
- Lacy, J.H., Townes, C.H., Geballe, T.R., Hollenbach, D.J. Observations of the motion and distribution of the ionized gas in the central parsec of the Galaxy. II 1-36382
- Lacy, L.L., Nisen, D.B., Rathz, T.J., Robinson, M.B. Containerless materials processing in the laboratory 1-36641
- Lacy, L.L., Robinson, M.B., Rathz, T.J. Containerless undercooling and solidification in drop tubes 1-12731
- Lacy, L.L. *see* Nishioka, G.M. 1-47222
- Lacy, N. *see* Chuebon, R.P. 1-50843
- Lacy, P.D., Oldfield, W. Calculable physical impedance references in automated precision reflection measurement 1-36689
- Laczazi, G. *see* Fock, K. 1-28015
- Laczko, Z. *see* Podor, B. 1-8100
- Lad, R.J. *see* Aita, C.R. 1-16686, 1-42648
- Lada, C.J., Blitz, L., Reid, M.J., Moran, J.M. VLBI observations of the water vapor masers in Cepheus A, S252A, GL 2789, GL 2139, CO 59.79+0.04, W33B, and U Orionis 1-54579
- Lada, C.J., Wilking, B.A. Infrared observations of Barnard 35: heat sources for bright-rimmed molecular clouds 1-49761
- Ladage, A. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Ladage, A. *see* Drews, G. 1-10229
- Ladanyi, K. Spinor Bethe-Salpeter equation with generalized ladder kernels and the Goldstein problem 1-50298

- Ladas, S., Poppa, H., Boudart, M. The adsorption and catalytic oxidation of carbon monoxide on evaporated palladium particles 1-39681
- Ladd, A.J.C., Hoover, W.G. High-pressure mechanical instability in close-packed Hooke's-law crystals 1-47205
- Ladd, A.J.C. *see* Hoover, W.G. 1-2669
- Ladd, J.W., Driscoll, D.M. A comparison of objective and subjective means of weather typing: an example from west Texas 1-22428
- Laddha, G.S. *see* Nagalingam, S. 1-20085, 1-52098
- Laddha, G.S. *see* Venkataraman, K. 1-15492
- Ladelski, A. *see* Tirosh, J. 1-25363
- Ladeveze, P. On the validity of linear shell theories 1-6774
- Ladik, J. Correlation in polymers and interactions between polymers 1-20650
- Ladik, J., Cizek, J. A proposal for the calculation of the correlation energy using a one-center expansion in larger models 1-1055
- Ladik, J., Singh, R.D., Suhai, S. Calculation of repulsive and effective attractive terms of a σ -exciton type mechanism for possible superconductivity in polycytosine 1-47778
- Ladik, J. *see* Andre, J.-M. 1-19233
- Ladik, J. *see* Martino, F. 1-2900
- Ladik, J. *see* Otto, P. 1-24239
- Ladik, J. *see* Andre, J.-M. (editor) 1-17938
- Ladikov, Yu.P., Paguta, M.T. Qualitative study of the possibility of automatic thermonuclear reaction stabilization 1-7010
- Lading, L., Skov Jensen, A., Fog, C., Rasmussen, E. Remote measurement of wind velocity: the time-of-flight laser anemometer 1-44350
- Lading, L. *see* Jensen, A.S. 1-2117
- Ladnova, L.A., Polyanskii, A.F., Skurin, L.I. Nonequilibrium hypersonic flow over the lateral surface of blunt bodies 1-15511
- Ladnova, L.A., Polyanskii, A.F., Skurin, L.I., Yurkov, A.V. The peculiarities of a nonequilibrium ionized hypersonic flow in the region perturbed by a thin blunt body 1-51806
- Lado-Bordowsky, O. Determination of the amount of the atmospheric HNO_3 by infrared spectroscopy from ground level observations 1-49357
- Ladu, M., Randaccio, P. A simple device for photographic dosimeter calibration 1-50947
- Ladygin, V.G. Fluorescence and forms of chlorophyll in photosystems 1 and 2 of *Chlamydomonas reinhardtii* 1-17360
- Ladyzhenskaya, O.A., Solonnikov, V.A. Determination of the solutions of Navier-Stokes stationary boundary-value problems with infinite dissipation in unbounded regions 1-2084
- Ladyzhenskii, O.B. *see* Bazhenov, G.P. 1-33363
- Laegreid, N. *see* Pawliczew, W.T. 1-37572
- Laegsgaard, E. *see* Andersen, J.U. 1-50687
- Laeri, F., Tschudi, T. Image processing and coherent feedback with a modified confocal resonator 1-46243
- Laeri, F. *see* Schneeberger, B. 1-41731
- Laeri, F. *see* Tschudi, T. 1-41592
- Laermann, E., Streng, K.H., Zervas, P.M. Three-jet distributions e^+e^- annihilation: electromagnetic and weak production 1-5638
- Laermann, E. *see* Jersak, J. 1-33193
- Laermann, C., Daudin, B. Further study of the 'glassy' low temperature properties of irradiated crystalline quartz 1-15936
- Laermann, C., de Goer, A.M., Locatelli, M. Evidence for the presence of two level systems related to point defects in electron irradiated crystalline quartz 1-34699
- Laeter, J.R. *see* De Laeter, J.R.
- Lafay, J.F., le Corre, J.F. Relationship between the dielectric characteristics of PVC during extrusion and the mechanical properties of the finished product [dielectric constant measurement using condenser sensor] 1-23271
- Lafferty, G.D. *see* Adamovich, M.I. 1-45317
- Lafferty, G.D. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Lafferty, G.D. *see* Fiorino, A. 1-50583
- Lafforgue, A., Casenave, A. Latest rainfall/runoff data determined for a tropical area by use of rain simulators 1-49296
- Lafiere, W.H., Van Meirhaeghe, R.L., Cardon, F., Gomes, W.P. Investigation of the C-V behaviour of GaAs-metal and GaAs-electrolyte contacts under forward bias 1-7732
- Lafon, E. *see* Heaton, R. 1-38711
- Lafon, J.P.L. *see* Millet, J. 1-36155
- Lafontaine, A. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Laforest, J. *see* Boucherle, J.X. 1-25678
- Laframbiose, J.G. *see* Prokopenko, S.M.L. 1-4740
- Lagakos, N., Bucaro, J.A., Hughes, R. Acoustic sensitivity predictions of single-mode optical fibers using Brillouin scattering 1-11092
- Lagakos, N., Litovitz, T., Macedo, P., Mohr, R., Meister, R. Multimode optical fiber displacement sensor 1-37611
- Lagakos, N. *see* Boulos, E.N. 1-25171
- Lagakos, N. *see* Mohr, R.K. 1-51613
- Lagally, M.G., Anderson, S.R., Tran, N.C., Hoang, T. Analysis of the composition of a discolored aluminum film vapor deposited onto plastic 1-11996
- Lagally, M.G. *see* Davis, G.D. 1-16656
- Lagally, M.G. *see* Lu, T.-M. 1-7053
- Lagarde, P. *see* Raoux, D. 1-30087
- Lagarde, Y. *see* Blandenet, G. 1-53103
- Lagare, M.T. *see* Chikur, G.C. 1-36716
- Lagasse, P.E. *see* Van Roey, J. 1-41884
- Lagasse, P.E. *see* Wandeweg, J. 1-51680
- Lagasse, R.R. *see* Schultz, J.M. 1-15882
- LaGattuta, K.J., Sharma, V.S., Nicoli, D.F., Kothari, B.K. Diffusion coefficients of hemoglobin by intensity fluctuation spectroscopy. Effects of varying pH and ionic strength 1-32087
- Legendijk, A. *see* De Raedt, H. 1-32904
- Lagerlund, T. *see* Antreassyan, D. 1-10287
- Lagerqvist, A. *see* Appelblad, D. 1-37209
- Lagerstedt, T. *see* Alfredsson, P.-H. 1-37877
- Lagerwall, S.T., Stabler, B. Dislocations and disclinations in smectic systems 1-11675
- Laghari, J.R., Qureshi, A.H., Theophilus, G.D. Flashover studies in SF_6 -N₂ mixtures using direct applied voltages 1-10997
- Laghari, J.R., Qureshi, A.H. Flasher voltages of cylindrical insulators in gas mixtures 1-15711
- Lagkuev, D.Kh. *see* Dedegkaev, T.T. 1-2702, 1-30484
- Lagnaux, J.P. *see* Davidov, V.A. 1-1023
- Lagneborg, R. *see* Ostrom, P. 1-12841
- Lagnier, R. *see* Blaise, A. 1-16447
- Lagnier, R. *see* Calemuzik, R. 1-30345
- Lagnier, R. *see* Rossat-Mignod, J. 1-25936, 1-47854
- Lago, B., Cazenave, A. State of stress in the oceanic lithosphere in response to loading 1-49234
- Lagois, J. Observation of modified exciton-polarization behavior near a semiconductor surface 1-47503
- Lagolnitzer, D. Microcausality, macrocausality and the physical region (micro) analytic S-matrix 1-36823
- Lagos, M. *see* Avila, R. 1-47358
- Lagowski, J. *see* Holmstrom, R.P. 1-25327
- Lagowski, J. *see* Kamieniecki, E. 1-16377
- Lagowski, J. *see* Lichtensteiger, M. 1-2820
- Lagrange, Ch., Lachkar, J., Haouat, G., Shamu, R.E., McEllistrem, M.T. Quadrupole moments and nucleon excitation strengths in even-A Sm isotopes 1-704
- Lagrange, Ch. *see* Shamu, R.E. 1-14457
- Lagrange, P., El Makrini, M., Guerard, D., Herold, A. Intercalation of the amalgams KHg and RbHg into graphite: reaction mechanisms and thermal stability 1-39622
- Lagrange, P. *see* Alexander, M.G. 1-38554
- Lagrange, P. *see* El Makrini, M. 1-42363
- Lagrange, P. *see* El Makrini, M. 1-20136, 1-20137, 1-38769, 1-43288
- Lagrange, P. *see* Guerard, D. 1-35205, 1-47135
- Laguna, G.A., Kim, K.C., Patterson, C.W., Seitz, D.M., Reisfeld, M.J. The $3p_3$ overtone band in UF_6 1-6225
- Lagunova, T.S. *see* Dakhno, A.N. 1-20776
- Laguntsov, N.I. *see* Velikanov, A.G. 1-1589
- Lagutin, A.F. *see* Kandaurava, G.S. 1-25978
- Lagutin, A.F. A multichannel scanning spectrophotometer 1-22688
- Lagzdons, Yu.L., Shul'ts, I.A., Vitinya, I.A., Sodmalis, Yu.Ya., Buka, Yu.A. Electrical conductivity of the reduced forms of tungsten silicophosphate and aluminosilicophosphate glasses 1-47654
- Laha, S. *see* Vela, E.M.T. 1-8272
- Lahie, F. *see* Fonteneau, G. 1-3354, 1-19397
- Lahana, A.B. Renormalization of $\sin^2\theta_w$ in the SU(5) theory 1-14298
- Lahav, O. *see* Mazeh, T. 1-13777
- Lahay, J. *see* Ehrburger, P. 1-39365
- Lahoe, A.M. *see* Dean, P.J. 1-3456, 1-48135
- Laher, T.M. *see* Hussey, C.L. 1-13017
- Laheurt, J.P., Noiry, J.C., Romagnan, J.P., Dandache, H. Phase diagram for some ^3He - ^4He mixture films from third-sound experiments 1-20501
- Lahey, R.T., Khalid, Z.M., Jr. The analysis of venting clearing 1-50814
- Lahey, R.T., Jr., Drew, D.A. An analytical approach to the evaluation of water hammer phenomena 1-50880
- Lahey, R.T., Jr. *see* Drew, D.A. 1-50879
- Lahey, R.T., Jr. *see* Gay, R.R. 1-15563
- Lahey, R.T., Jr. *see* Malaviya, B.K. 1-29812
- Lahey, R.T., Jr. *see* Ohkawa, K. 1-23720
- Lahey, R.T., Jr. *see* Perez-Griffo, M.L. 1-51888
- Lahey, R.T., Jr. *see* Vince, M. 1-29809, 1-29810
- Lahey, T., Jr. *see* Park, G. 1-50743
- Lahiri, A., Bagchi, B., Gautam, V.P. Radiative process of T and T' and off-shell suppressions 1-564
- Lahiri, A., Bagchi, B., Gautam, V.P. On the isospin-violating decay $\psi \rightarrow \psi\pi^0$ and $\eta\pi^0$ mixing 1-23492
- Lahiri, A., Bagchi, B., Gautam, V.P., Nandy, A. Off-shell suppressions and two body radiative processes in a vector dominance model 1-5624
- Lahiri, J. *see* Bhushan Gupta, V. 1-48422
- Lahiri, S., Nishino, T., Mokashi, A., Mulligan, E. Relative responses of aortic body and carotid body chemoreceptors to hypotension 1-13261
- Lahiri, S.K., Gupta, D. A kinetic study of platinum-mercury contact reaction 1-17100
- Lahiry, S., Kakkar, R. On the magnetism of a so-called one-dimensional crystal, dimethylammonium trichlorocuprate(II), DMACuCl_4 1-52754
- Lahkavani, F., Sauer, H.J., Jr., Howell, R.H. Energy conservation alternatives for residential buildings 1-35596
- Lahlou, F. *see* Dasgupta, S.S. 1-14530
- Lahlou, F. *see* Moadrian, R.J. 1-33263
- Lahou, N. *see* Masse, G. 1-8138
- Lahmani, F., Lardeux, C., Solgadi, D. Photodissociation of methyl nitrite in the vacuum ultraviolet. II. Excitation-energy dependence of the NO fluorescent fragments 1-26761
- Lahman, W. *see* Altmann, J. 1-13500, 1-18299
- Lahoz, D.G. Force density in fluid dielectrics 1-3345
- Lahoz, D.G., Graham, G.M. The phenomenological electromagnetic force density 1-46190
- Lahoz, D.G. *see* Graham, G.M. 1-19238
- Lahr, J.C. *see* Hasegawa, H.S. 1-49222
- Lahr, J.C. *see* Stephens, C.D. 1-49220
- Lahri, R. *see* Han, M.K. 1-43783
- Lahs, W.R. *see* Schmidt, E.W. 1-14611
- Lahli, G.P. Post-accident radiation protection design criteria 1-50960
- Lahli, P.-J. Uncertainty and complementarity in axiomatic quantum mechanics 1-40666
- Lahli, P.-J. *see* Bugajski, S. 1-9859
- Lahminen, R. *see* Lahtinen, T. 1-43963
- Lahminen, T., Karjalainen, P., Vaananen, A., Lahminen, R., Alhava, E.M. The partition coefficients of ^{137}Xe between human blood and bone 1-43963
- Lai, A., Monduzzi, M., Saba, G. Carbon-13 magnetic relaxation rates of iron(III) complexes of some biogenic amines and parent compounds in aqueous solutions 1-33477
- Lai, C. *see* Pawley, J.B. 1-23381
- Lai, C.-H., Petersen, J.L., Walsh, T.F. Multijet structure in quantum chromodynamics 1-499
- Lai, C.K., Frook, B.G. Interference effects in the attenuation transfer technique using ultrasonic reference blocks 1-53379
- Lai, C.S. Padé approximants and perturbation theory for screened Coulomb potentials 1-45816
- Lai, C.S., Madan, M.P. Prediction of electron affinities based on the $1/Z$ expansion theory 1-46148
- Lai, C.S. *see* Shou-Yih Wang 1-6703
- Lai, D.C. *see* Lux, R.L. 1-4381
- Lai, F.S., Watson, J.K. Field distributions of arbitrary-shaped magnetic domains calculated by two-dimensional discrete Fourier series 1-12338
- Lai, F.S. *see* Too, J.R. 1-20400
- Lai, G.Y. Investigation of several commercial aluminide coatings 1-30594
- Lai, H.M. Helical relativistic electron beam Vlasov equilibria 1-2227
- Lai, H.M. Particle acceleration by an intense solitary electromagnetic pulse 1-27799
- Lai, J.K. *see* Hoon, C.A.P. 1-17011
- Lai, M.O., Ferguson, W.G. The inadequacy of the plane-strain fracture toughness test requirements 1-4012
- Lai, M.O., Ferguson, W.G. Relationship between the shear lip size and the fracture toughness 1-12857
- Lai, S.H.F., McGeough, J.A. Effects of anode materials in the electroforming of iron-nickel alloy foil 1-48697
- Lai, S.K., Dressendorfer, P.V., Ma, T.P., Barker, R.C. Optically induced bistable states in metal/tunnel-oxide/semiconductor (MTOS) junctions 1-47746
- Lai, S.K. *see* Wang, S. 1-25142, 1-30709
- Lai, T.W.-K. *see* York, T.M. 1-17752
- Lai Koon-Lam *see* Koon-Lam Lai
- Lai Shih-Sheng P. *see* Shih-Sheng P. Lai
- Lai-chang Hsu *see* Hsu Lai-chang
- Lai-Fook, S.J., Hajji, M.A., Wilson, T.A. Deformation of a flexible disk bonded to an elastic half space-application to the lung 1-22047
- Lai-Fook, S.J., Toporoff, B. Pressure-volume behaviour of perivascular interstitium measured in isolated dog lung 1-22025
- Laichter, Y., Shafrir, N.H. A method for range determinations in gases of fission fragments emitted by spontaneously fissioning nuclides 1-23995
- Laidig, R. *see* Carbone, C. 1-52911
- Laidig, W.D., Saxe, P., Schaefer, H.F. III Multi-configuration self-consistent-field study of the importance of triply and quadruply excited electronic configurations in the water molecule 1-1054
- Laidig, W.D. *see* Coleman, J.J. 1-46340
- Laidig, W.D. *see* Holonyak, N., Jr. 1-29281
- Laikhtma, D.L., Kurdova, E.V. A model of the planetary boundary layer 1-13516

- Laikhtman, D.L.**, Le-Ngok-Li A theoretical model of the atmospheric and oceanic interaction 1-49278
- Laikin, M.** Wide angle lens systems 1-45061
- Lailly, P.** see Bamberger, A. 1-9119
- Laine, C.** On the mathematical aspects of the viscosity of turbulence models for an established flow in plane ducts 1-42087
- Laine, D.C.**, Truman, M.J., Hope, S. Crystal video detection of stimulated emission and oscillation in a molecular beam maser 1-22972
- Laine, D.C.** see Yassin, G. 1-41652
- Laine, E.** see Kivila, J. 1-42264
- Laine, E.P.** New evidence from beneath the western North Atlantic for the depth of glacial erosion in Greenland and North America 1-49277
- Laine, E.S.U.**, Hiltunen, E.J., Heinonen, M.H. X-ray diffraction line analysis of splat-cooled Al-rich Al-Cu alloys 1-7131
- Laing, E.W.** see Tahir, N.A. 1-11592, 1-29904
- Laing, L.R.** see Sparrow, E.M. 1-32
- Laing, R.A.** Observations of M87 at 15.4 GHz with the 5-km telescope 1-9701
- Laing, R.A.** A model for the magnetic-field structure in extended radio sources 1-9702
- Laing, R.A.** Observations of compact radio sources with the 5-km telescope 1-36197
- Laird, A.D.K.** see Teilmant, B.W. 1-53550
- Laird, C.** see Bhat, S.P. 1-3768
- Laird, C.** see Hashin, Z. 1-3828
- Laird, C.** see Kuhlmann-Wilsdorf, D. 1-30240
- Laird, M.J.** Reflection of electromagnetic waves by density gradients in a magnetised plasma 1-40282
- Laisaar, A.**, Nilisk, A. Effect of hydrostatic pressure on the exciton absorption spectra of Cu_2O crystals 1-42702
- Laisaar, A.**, Nilisk, A., Mugra, A. Spectroscopic studies of local centres in crystals under hydrostatic pressure at low temperatures: O_2^- ions in alkali halides 1-43182
- Laisaar, A.I.** see Ellervee, A.F. 1-43124
- Laithwaite, K.** see Brozel, M.R. 1-3381
- Laitinen, R.**, Steudel, R. Vibrational spectroscopic investigations of $\text{S}_n\text{Se}_{4-n}$ molecules 1-14905
- Lajtar, L.** see Rudzinski, W. 1-52418
- Lajzerowicz, J.**, Legrand, J.F., Joffrin, C. Ferroelastic and ferroelectric phase transition in a molecular crystal: tannic. I. Neutron and Brillouin scattering studies of the acoustic and pseudo-spin coupled modes 1-21145
- Lajzerowicz, J.** see Gunther, L. 1-2319
- Lakatos, J.** see Posta, J. 1-53427
- Lakatos, L.** see Ezhov, I.I. 1-14066
- Lakdawala, S.D.**, Mohr, P.J. Hyperfine structure in muonic helium 1-1416
- Lakdawala, V.K.** see Doussot, C. 1-15580
- Lake, G.** Dynamical modeling of elliptical galaxies. I. Analytical prolate models 1-49786
- Lake, G.** Dynamical modeling of elliptical galaxies. II. Numerical prolate models 1-49787
- Lake, G.**, Mark, J.W.-K. Can galaxy warps be used to provide constraints on halo properties? 1-9671
- Lake, J.A.**, Rittenberger, R.V., Rathbun, R.W. Influence of control rod wall interactions on LMFBR control systems design 1-18815
- Lake, J.L.** see Dimock, C.W. 1-53714
- Lake, K.** Local inhomogeneities in a Robertson-Walker background. I. General framework 1-22931
- Lake, K.** Thin shells and the surface gravity of black holes 1-44812
- Lake, K.** Local inhomogeneities in a Robertson-Walker background. II. Flux conditions at boundary surfaces 1-49864
- Lake, K.**, Nelson, L.A. Gravitational bounce 1-138
- Lakk, V.I.** see Kuritnyk, I.P. 1-18229
- Lakkhani, H.A.G.** Forecasting the cost of energy conservation in the industrial sector 1-48806
- Lakhina, G.S.** see Bhatia, K.G. 1-27331, 1-27345
- Lakhtanov, P.G.**, Lutfulaev, A.A., Skoblov, Yu.A. Broadening the range of application of portable reflection gamma thickness meters type TOR 1-23386
- Lakie, M.** see Walsh, E.G. 1-49142
- Lakin, K.M.** see Chi Kwan Lau 1-12666
- Lakkad, S.C.** Dynamic aspects of order-disorder phenomena 1-25401
- Lakkisto, M.** see Jaakkola, S. 1-16068
- Lakner, J.** see Kovacs, I. 1-21504
- Lakner, J.F.**, Uribe, F.S., Steward, S.A. Hydrogen and deuterium sorption by selected rare earth intermetallic compounds at pressures up to 1500 atm 1-20552
- Lakner, J.F.** see Pourarian, F. 1-20962
- Lakoba, I.S.** Re-estimate of the pump parameters of a pulsed reactor laser operating on a bound-free transition of the xenon monofluoride molecule 1-51462
- Lakoba, I.S.**, Yakovlenko, S.I. Active media of exciplex lasers 1-1553
- Lakovicher, E.F.** see Volkov, Yu.M. 1-5756
- Lakowicz, J.R.**, Weber, G. Nanosecond segmental mobilities of tryptophan residues in proteins observed by lifetime-resolved fluorescence anisotropies 1-8802
- Lakozs, E.L.**, Chalyi, A.V. Multiple scattering of light in an inhomogeneous medium near the critical point. III. Depolarization of the scattered radiation 1-10925
- Laks, B.**, Mills, D.L. Reflection of magnetoelastic waves from ferromagnetic surfaces 1-21026
- Laks, B.**, Mills, D.L. Light emission from tunnel junctions: the role of the fast surface polariton 1-38826
- Laks, B.** see Black, J.E. 1-2798
- Laks, M.M.** see Mirsky, I. 1-32158
- Lakshman, S.V.J.**, Jaya Sankar, C.K. Slater-Condon and spin-orbit parameters for Tm^{3+} in thulium sulphate, thulium ethyl sulphate and zinc sulphate 1-34760
- Lakshman, S.V.J.**, Venkataramanah, M. True potential energy curves and dissociation energy of the PS molecule 1-28900
- Lakshmana Rao, N.S.** see Veerabhadra Rao, P. 1-26630
- Lakshmana Rao, S.K.**, Iyengar, T.K.V. The rectilinear oscillations of a spheroid in a micropolar fluid 1-29732
- Lakshmana Rao, S.K.**, Iyengar, T.K.V. The slow stationary flow of incompressible micropolar fluid past a spheroid 1-29733
- Lakshmana Rao, S.K.**, Venkatapathi Raju, K. Variational algorithm for the stability of the flow of micropolar fluids with stretch 1-2036
- Lakshmanan, M.**, Bullough, R.K. Geometry of generalised nonlinear Schrödinger and Heisenberg ferromagnetic spin equations with linearly x -dependent coefficients 1-34846
- Lakshmanan, M.**, Kaliappan, P. On the energy levels of an isotropic anharmonic oscillator 1-5142
- Lakshmi** see Dubey, B.L. 1-30175
- Lakshmi, E.**, Mathur, B., Bhattacharya, A.B., Bhargava, V.P. The growth of highly resistive gallium nitride films 1-31350
- Lakshmi, G.**, de Wette, F.W. Effect of charge deformation and geometric relaxation on the dynamics and the thermodynamic properties of the $\text{MgO}(001)$ surface 1-25548
- Lakshmi, G.**, de Wette, F.W. Effect of charge deformation and geometric relaxation on the dynamics and the thermodynamic properties of the $\text{MgO}(001)$ surface. II. Shell models 1-47356
- Lakshmi, P.** Anantha see Anantha Lakshmi, P.
- Lakshminarayana, K.N.** see Singh, S. 1-52603
- Lakshminarayana, G.** see Gopal, S. 1-1281
- Lakshminarayana, V.** see Reddy, D.S. 1-45463
- Lakshminarayana, V.** see Peticalas, W.L. 1-24152
- Lakusta, K.V.**, Timofeev, Yu.A. Estimating the range of applicability of the hyperbolic thermal conductivity equation 1-15376
- Lakutin, V.A.**, Podmoshenskii, I.V., Sobolev, V.F. Initial stage of a laminar pulsed discharge 1-52012
- Lal, D.** Comments on some aspects of particulate transport in the oceans 1-4508
- Lal, H.B.** see Tripathi, A.K. 1-25725
- Lal, K.** Laminar flow through a curved channel 1-37869
- Lal, K.B.**, Shafiqullah On plane wave solutions of Israel and Trollope's new unified field theory 1-5204
- Lal, K.C.** see Kishore, D. 1-47989
- Lal, K.M.**, Garg, S.B.L. Plastic zones in fatigue 1-3882
- Lal, K.M.**, Le May, I. An assessment of crack closure in fatigue using the Westergaard stress function 1-46705
- Lal, M.** Radiative effects of pollutants on the urban climate 1-13204
- Lal, M.** see Wing, Y. 1-30457
- Lal, N.** see Chakravarti, S.K. 1-40637
- Lal, N.** see Sharma, K.K. 1-35970
- Lal, P.**, Frood, D.G. Strong radio frequency radiation or laser ray energy pumping of a plasma 1-29888
- Lal, R.** Theory of radiation from relativistic positrons moving in the (110) axial channels of FCC (diamond) crystal 1-7222
- Lal, R.**, Joshi, S.K. Coherent bremsstrahlung from relativistic channelled positrons 1-7221
- Lal, S.B.** Dielectric relaxation studies of trichloroacetamide ($\text{CCl}_3\text{CONH}_2$) in benzene solution 1-48002
- Lal, S.N.** see Srivastava, M.L. 1-21738
- Lal, T.** see Singh, R.P. 1-13596
- Lal Nand** see Nand Lal
- Lalava, T.G.**, Kholodnov, V.A. Impurity photoconductivity of p^+-i-n^+ structures under double injection conditions 1-25759
- Lalas, D.P.** see Asimakopoulou, D.N. 1-9282
- Lalayan, A.D.** see Ezhov, A.I. 1-8395
- Lalchandani, V.D.**, Pradhan, B.R., Saxena, A.P. Temperature dependence of dynamic Young's modulus of polyethylene, polyvinyl chloride, polystyrene and polymethyl methacrylate 1-39355
- Lalit, B.Y.**, Ramachandran, T.V., Rajan, S. Lead-210 content of food samples in India 1-13328
- Lalitha, S.** see Remani, K.N. 1-53717
- Lall, A.B.**, Seliger, H.H., Biggley, W.H. Ecology of colors of firefly bioluminescence 1-49179
- Lall, C.** see Kulkarni, S.B. 1-26563
- Lallemand, P.** see Allain, C. 1-11923, 1-31162
- Lallemant, H.G.** Ave see Ave Lallemant, H.G.
- Lallia, P.** see Huguet, M. 1-50931
- Laloe, F.** see Julien, L. 1-1175
- Laloe, F.** see Leduc, M. 1-1199
- Laloe, F.** see Lhuillier, C. 1-1301
- Lalor, M.H.** see Elhuni, K. 1-23301
- Lalor, M.J.** see Hobson, C.A. 1-24903
- Lalousis, P.** see Eagles, D.M. 1-34946
- Lalousis, P.** see Hinkley, S. 1-42422
- Lalykin, S.P.** see Gogishvili, O.S. 1-20411
- Lam, D.J.**, Paulikas, A.P., Veal, B.W. X-ray photoemission spectroscopy studies of soda aluminosilicate glasses 1-31306
- Lam, D.J.**, Veal, B.W., Ellis, D.E. Electronic structure of lanthanum perovskites with 3d transition elements 1-38714
- Lam, D.J.** see Friedman, A.M. 1-28638
- Lam, D.J.** see Moser, J. 1-47992
- Lam, D.J.** see Veal, B.W. 1-31313
- Lam, D.K.W.**, Garside, B.K. Characterization of single-mode optical fiber filters 1-41836
- Lam, G.K.Y.** see Henkelman, R.M. 1-43916
- Lam, G.K.Y.** see Nakamura, N. 1-35835
- Lam, H.-L.** Longitudinal characteristics of Pc 5 magnetic pulsations 1-27344
- Lam, J.F.** see Abrams, R.L. 1-51548
- Lam, L.T.** Sin Fai see Sin Fai Lam, L.T.
- Lam, N.Q.**, Doan, N.V., Adda, Y. Molecular dynamics study of interstitial-solute interactions in irradiated alloys. I. Configuration, binding and induced migration of mixed dumbbells in Al-Zn alloys 1-7207
- Lam, P.K.**, Cohen, M.L. Effective radii and volumes for elements in A15 compounds 1-42339
- Lam, P.K.**, Cohen, M.L., Zunger, A. Analytic representation for first-principles pseudopotentials 1-2854
- Lam, P.M.** see Ristig, M.L. 1-2749, 1-9922
- Lam, P.S.K.** An assessment of reactivity control requirements and worths in a heterogeneous LMFBR 1-50842
- Lam, P.S.K.**, Gunnison, F. Fuel cycle cost sensitivity to various design parameters in a 1000-MW(e) oxide heterogeneous LMFBR 1-5853
- Lam, R.U.E.T.** see T Lam, R.U.E.
- Lam, S.K.** see Kaminsky, M. 1-21321
- Lam, S.T.**, Munir, Z.A. Kinetic analysis of the time-dependent evaporation rate in cadmium sulfide 1-34547
- Lam, S.T.**, Yu, L.L., Fielding, H.W., Dawson, K., Neilson, G.C., Sample, J.T. Fast neutron induced fission of ^{238}U 1-23699
- Lam, W.I.** see Webster, A.R. 1-54165
- Lam, Y.W.**, Green, M.A., Davies, L.W. Electrostatic effects in inversion-layer metal-insulator-semiconductor solar cells 1-48833
- Lam Nguyen Ngok** see Kgyuen Ngok Lam
- Lam Yuk-Ming P.** see Yuk-Ming P. Lam
- Lama, W.** see Walsh, P. 1-38195
- Lamalle, B.**, Mallherbe, J.C., Szeuau, P. Perfecting a frequency control system for a microwave spectrometer used in the study of the linewidth of SO_2 1-44960
- Lamalle, B.** see Verry, C. 1-51186
- Lamanna, E.** see Allasia, D. 1-23495
- Lamanna, U.T.** see Gianturco, F.A. 1-51265
- Lamb, D.Q.** see Griffiths, R.E. 1-13885
- Lamb, F.K.** see Elsner, R.F. 1-44669
- Lamb, G.L., Jr.**, McLaughlin, D.W. Aspects of solid physics 1-36505
- Lamb, J.G.** see Irvn, J. 1-11206
- Lamb, J.L.** see Thornton, J.A. 1-12595
- Lamb, J.P.** Convective heat transfer correlations for planar, supersonic, separated flows 1-24802
- Lamb, J.P.**, Polansky, G.F., Bradley, S.P. Generalized performance predictions for energy conversion plants using geopressured geothermal fluids 1-53555
- Lamb, P.** see Atkinson, K. 1-29454
- Lamb, P.J.** see Hastenrath, S. 1-17605
- Lamb, R.C.**, Markert, T.H., Hartman, R.C., Thompson, D.J., Bignami, G.F. Two X-ray pulsars: 2S 1145-619 and 1E 1145.1-6141 1-9721
- Lamb, S.A.** Evolution of massive stars through late evolutionary phases 1-22791
- Lamb, W.J.**, Jonas, J. NMR study of compressed supercritical water 1-47966
- Lambard, J.** see Folcher, G. 1-51229
- Lambe, J.** see McCarthy, S.L. 1-8136
- Lambeck, K.** Estimates of stress differences in the crust from isotopic considerations 1-27137
- Lambeck, K.** The Earth's variable rotation 1-32344
- Lambeck, K.**, Hopgood, P. The Earth's rotation and atmospheric circulation from 1963 to 1973 1-32342
- Lambeck, K.**, Nakiboglu, S.M. Seamount loading and stress in the ocean lithosphere 1-27138

- Lambeck, M. Electromagnetic testing independent of diameter and distance 1-4022
- Lamberigts, M. *see* Greday, T. 1-21454
- Lambert, A. Aptitude des aciers au formage a froid (Susceptibility of steels to cold forming) 1-21479
- Lambert, A.M. *see* Gagnaire, H. 1-11091
- Lambert, B., Legros, P., Salin, D. High frequency critical attenuation of sound in pressurized ^4He near T_λ 1-16122
- Lambert, B., Salin, D. Low temperature attenuation of sound in restricted geometries 1-2731
- Lambert, C.J. Real space renormalization and the Anderson model in one dimension 1-30607
- Lambert, C.J., Weaire, D. Decimation and Anderson localization 1-12070
- Lambert, D.L. *see* Branch, D. 1-22850
- Lambert, D.L. *see* Hinkle, K.H. 1-49683
- Lambert, D.L. *see* Honeycutt, R.K. 1-9498
- Lambert, F. Padé approximants and closed form solutions of the KdV and MKdV equations 1-5115
- Lambert, G. *see* Bonsang, B. 1-40173
- Lambert, G. *see* Zemon, S. 1-43173
- Lambert, G.A. *see* Epstein, M. 1-5972, 1-25411, 1-42515
- Lambert, G.A. *see* Grolmes, M.A. 1-45686
- Lambert, G.A. *see* Petrie, D.J. 1-10485
- Lambert, J.E. *see* Grisham, D.L. 1-50976
- Lambert, J.V., Africano, J. (201) Penelope 1-4811
- Lambert, M. *see* Benattar, J.J. 1-25157, 1-38264
- Lambert, M. *see* Bouchiat, H. 1-42302
- Lambert, M. *see* Burg, J.P. 1-23912
- Lambert, M. *see* Schwab, A.-M. 1-31714
- Lambert, M.E. *see* Slattery, G.F. 1-3751
- Lambert, N. *see* Mooji, J.E. 1-30870
- Lambert, P., McHone, J.F., Jr., Dietz, R.S., Houfani, M. Impact and impact-like structures in Algeria. I. Four bowl-shaped depressions 1-40133
- Lambert, P. *see* Jourdain, J.Y. 1-24580
- Lambert, R.M. *see* Kitson, M. 1-20571
- Lambert, R.St.J. *see* McKerrrow, W.S. 1-22263
- Lambert, S.E., Maple, M.B., Sweedler, A.R., Moehecke, S. The effect of composition and neutron irradiation on the upper critical field of Nb_3Pt 1-34837
- Lambert, V. *see* Muller, G. 1-26712
- Lambert, W. Advances in surface pretreatment systems 1-39520
- Lambertini, M. *see* Colson, J.C. 1-35428, 1-48575
- Lambertson, G.R., Gilbert, W.S., Rechen, J.B. Final report on the experimental superconducting synchrotron (ESCAR) 1-10558
- Lambeth, P.J. *see* Ackland, B.B. 1-15741
- Lambies, V. *see* Corma, F. 1-16581
- Lambin, P. *see* Cros, A. 1-30575
- Lambin, Ph., Gaspard, J.P. Analysis of the density of states of binary alloys. II. Surface segregation 1-7686
- Lamblin, D., Guertelment, G., Cinquini, C. Finite element iterative method for optimal elastic design of circular plates 1-37793
- Lambret, B. *see* Allegre, C.J. 1-40085
- Lambropoulos, P. Reaching VUV transitions with multiphoton processes 1-28938
- Lambson, E.F. *see* Yagouti, Y.K. 1-24633
- Lambson, W.A. *see* Ford, P.J. 1-2584
- Lamczyk, R. *see* Koford, S. 1-43530
- Lamkin, P.P. *see* Chernov, S.M. 1-29397
- Lamers, H.J.G.L.M., Gathier, R., Snow, T.P. Empirical ionization fractions in the winds and the determination of mass-loss rates for early-type stars 1-44557
- Lamers, H.J.G.L.M. *see* Castelli, F. 1-27480
- Lamers, H.J.G.L.M. *see* Pacreels, F.B.S. 1-13822
- Lamich, G.J. *see* Sheft, I. 1-21889
- Lamine, A.B., Senateur, J.-P., Reynaud, F. Study of lattice defects in V_5Si (A15 structure) by high voltage electron microscopy and contrast simulation on computer 1-52136
- Lammers, M.J.J., Blasse, G. Luminescence of sodium molybdate (Na_2MoO_4) and sodium tungstate (Na_2WO_4) 1-52987
- Lamonov, N.I. *see* Gelman, B.G. 1-9399
- Lamont, P.J., Hunt, B.L. The impingement of underexpanded, axisymmetric jets on perpendicular and inclined flat plates 1-11436
- Lamoraux, G.H., Sutherland, S.H., Pope, R.B., Duffey, T.A. Structural analysis of the TRUPACT contact-handled transuranic waste transporter 1-41206
- Lamoraux, R.D. *see* Jacobson, M.R. 1-36742
- Lamoraux, R.H. Diffusion [molybdenum, alloys and compounds] 1-25
- Lamoraux, R.H. *see* Brewer, L. 1-21-22
- Lamorgese, L. *see* Mustacchi, C. 1-32044
- Lamot, G.H. *see* Fayard, C. 1-583, 1-28503
- Lamouler, P. *see* Monerie, M. 1-11136, 1-15266
- Lamoureux, B.L. *see* Andre, Y.B. 1-41871
- Lamp, J. *see* Eckardt, J. 1-5330
- Lamparski, L.L. *see* Bumb, R.R. 1-53426
- Lamparter, P., Nold, E., Rainer-Harbach, G., Grallath, E., Steeb, S. X-ray and neutron diffraction studies on amorphous transition metal-boron alloys (FeB, CoB, NiB) 1-52079
- Lamparter, P. *see* Martin, W. 1-25151, 1-25152, 1-25153, 1-25351
- Lamparter, P. *see* Nold, E. 1-25177
- Lampe, M. *see* Bloomberg, H.W. 1-11584
- Lampe, M. *see* Sharp, W.M. 1-29204
- Lampe, M. *see* Uhm, H.S. 1-2180
- Lampe, U. *see* Gopel, W. 1-34761
- Lampel, G., Eminyan, M. Measurements of electron spin polarization of GaAs photocathode prior and after emission into vacuum 1-48223
- Lampel, G. *see* Eminyan, M. 1-19194
- Lampel, G. *see* Hermann, C. 1-47459
- Lampert, B., Reichelt, K. The decoration of evaporated Sb_2Te_3 cleavage faces 1-20227
- Lampert, B., Reichelt, K. The investigation of cleavage faces and evaporated cleavage faces of Sb_2Te_3 by surface decoration 1-34555
- Lampert, B., Reichelt, K. The study of evaporated antimony cleavage faces by surface decoration 1-34556
- Lampert, B. *see* Reichelt, K. 1-42618, 1-42619
- Lampert, C.M. Metallurgical analysis and high temperature degradation of the black chrome solar selective absorber 1-13176
- Lampert, C.M. Selective absorber coated foils for solar collectors 1-43803
- Lampert, N.R. *see* Williams, H.J., Jr. 1-35466
- Lampis, M., Ronca, G. Langevin approach to the dynamics of crystal surfaces 1-9940
- Lampori, J.E., Perkins, M.A., Tuzzolino, A.J., Zamow, R. Thin, circular, two-dimensional position sensitive Si detectors for trajectory determination 1-37067
- Lamprecht, I. *see* Brettel, R. 1-48971
- Lampton, M. *see* Bowyer, S. 1-44308
- Lamsa, J.W. *see* Biswas, N.N. 1-18515
- Lamson, S.H. *see* Messmer, R.P. 1-7464
- Lamy, C. *see* Lamy, E. 1-31906
- Lamy, E., Barbier, J., Lamy, C. A voltammetric study of copper poisoning of a platinized platinum catalyst 1-31906
- Lamy, P. Satellites of Saturn 1-44486
- Lamy, P.L. *see* Le Sergeant D'Hendecourt, L.B. 1-44492
- Lamy, Ph.L. *see* Millet, J. 1-36155
- Lan Fenlan *see* Sun Fuyu 1-39410
- Lan Vo Ky *see* Vo Ky Lan
- Lan Wu Sau *see* Sau Lan Wu
- Lan-tian Yang *see* Yang Lan-tian
- Lanat, J. *see* Aarons, J. 1-27338
- Lanc, J. *see* Eppeldauer, G. 1-28053
- Lancaster, E.R. *see* Langel, R.A. 1-17557
- Lancaster, J.K. *see* King, R.B. 1-12892
- Lancaster, R.A. *see* Nelson, D.A. 1-39228
- Lance, M. Characterisation of the streamwise velocity fluctuation in a two-phase bubbly flow 1-29754
- Lancee, C.T. *see* Bom, N. 1-4344
- Lancer, G. *see* Rosinski, J. 1-49359
- Lancieri, L. *see* Fidecaro, G. 1-591
- Lancey, T.W. *see* Stockinger, S. 1-50849
- Lanchester, P.C. *see* Legg, G.J. 1-31005
- Lancker, J.L. Van *see* Van Lancker, J.L.
- Lancman, H. *see* Yeh, T.R. 1-37068
- Land, C.E. Estimating cancer risks from low doses of ionizing radiation 1-39970
- Land, C.E. *see* Chen, P.J. 1-8023
- Land, C.E. *see* Peercy, P.S. 1-15241, 1-38805
- Land, D.J. *see* Simons, D.G. 1-35419
- Land, L.S. *see* Gorham, S.B. 1-32563
- Land, L.S. *see* Harmon, R.S. 1-44207
- Land, M.F. Compound eyes: old and new optical mechanisms 1-8850
- Landa, M.Sh. *see* Karnovskii, I.A. 1-41979
- Landa, P.S. *see* Vinogradova, A.A. 1-37492
- Landa, Ya. *see* Aizenberg, A.N. 1-31802
- Landa', S.V. *see* Kulagin, N.A. 1-52129
- Landau, A.I. The effect of dislocation inertia on the thermally activated low-temperature plasticity of materials. I. Theory 1-20202
- Landau, A.I., Vasilenko, T.L., Kuzmenko, I.N., Pustovalov, V.V. Statistic studies of jump-type process of aluminum plastic deformation at low temperatures 1-21522
- Landau, A.I. *see* Vydashenko, V.N. 1-52146
- Landau, D.P. Critical behavior of the simple cubic Ising model with quenched site impurities 1-12319
- Landau, J. *see* Eckstein, Y. 1-25528
- Landau, M. *see* Belic, D.S. 1-29127
- Landau, R. Silver halide emulsion with dye former 1-23323
- Landau, R., Wurflinger, A. pVT data for acetonitrile, undecane and dodecane at 3kbar and -50°C. Pressure dependence and volume changes, enthalpies and entropies 1-20373
- Landau, R. *see* Epstein, E.E. 1-22909
- Landau, R. *see* Wurflinger, A. 1-39026
- Landau, R.H. *see* Barnett, B.M. 1-23557
- Landauer, R. Phase transition waves: solitons versus shock waves 1-32943
- Landauer, R. *see* Buttiker, M. 1-32929, 1-44771
- Landau, E. *see* Clark, J.W. 1-32308
- Landecker, P.B., McKenzie, D.L. Size of the X-ray kernel of the large 1979 August 20 solar flare 1-44522
- Landecker, P.B. *see* McKenzie, D.L. 1-32674
- Landen, U.A.L. *see* Henshaw, D.L. 1-51046
- Lander, G.H. Actinide 5f systems: experimental determination of the magnetic response function 1-25666
- Lander, G.H., Fisher, E.S., Smith, H.G., Wakabayashi, N., Crummett, W.P., Nicklow, R.M. Observation of a charge-density wave in alpha-uranium at low temperature 1-47623
- Lander, G.H., Smith, H.G., Wakabayashi, N. The low-temperature phase transition in alpha-uranium: an old problem revisited 1-26451
- Lander, G.H. *see* Buyers, W.J.L. 1-47874
- Lander, G.H. *see* Sinha, S.K. 1-3195, 1-47883
- Lander, G.H. *see* Stirling, W.G. 1-47858
- Lander, G.H. *see* Troc, R. 1-12290
- Landes, J.D., McCabe, D.E. Effect of specimen size and geometry on ductile fracture characterization 1-48641
- Landesman, A. *see* Hardy, W.N. 1-1151
- Landeyro, P.A. Validation test codes Morse combinatorial geometry and Keno IV 1-33290
- Landfors, A.A. *see* Hablanian, M.H. 1-23250
- Landge, P.R. *see* Shrivastava, B.D. 1-14842, 1-24074
- Landgraf, U. *see* Aubert, J.J. 1-5630
- Landgraf, W. Observations of minor planets 1-27410
- Landgrave, E. *see* Roychoudhuri, C. 1-40864
- Landgrebe, A.R., Mayo, J.W., Ruby, S., Chudacek, R.C., Weinstock, I.B. Status of electrochemical energy storage systems for electric vehicle, solar, and electric utility applications 1-53586
- Landgren, G., Ludeke, R. Al-reactions with GaAs (100) surfaces 1-42651
- Landheer, D., Dackus, A.J.G., Klostermann, J.A. Fundamental aspects and technological implications of the solubility concept for the prediction of running properties 1-26636
- Landis, D.L., Rosenberg, G., Donachy, J.H., Pierce, W.S. Automatic control for the artificial heart 1-35916
- Landis, G.A. Qualitative behavior of thin back-contact solar cells 1-48848
- Landman, D.A. Proton collisional excitation in the ground ^3P terms of oxygen and sulfur isoelectronic ions 1-14979
- Landman, U., Cleveland, C.L., Brown, C.S. Epitaxial crystallization from a melt: a surface molecular-dynamics study 1-30586
- Landman, U. *see* Cleveland, C.L. 1-7498
- Lando, J.B. *see* Bachmann, M.A. 1-11739
- Lando, J.B. *see* Bachmann, M.A. 1-38293
- Lando, J.B. *see* Ishida, H. 1-12998
- Lando, J.B. *see* Rickert, S.E. 1-12999
- Lando, J.B. *see* Weinhold, S. 1-11694
- Landolt, D. *see* Shumacher, R. 1-53303
- Landolt, R.R. *see* Paredes, C.H. 1-6111
- Landon, S.N., Schmutz, L.E., Tubbs, S.J. Real-time minicomputer control of the 1^3 wavefront sensor 1-46585
- Landon, S.N. *see* Schmutz, L.E. 1-46583
- Landoni, J.A., Knopoff, L. Dynamics of a one-dimensional chain with variable friction 1-32372
- Landoni, J.A. *see* Porter, L.D. 1-32367
- Landow, M.P. *see* Fromm, E.O. 1-53390
- Landowne, S. Spin-orbit effects in heavy-ion elastic scattering 1-45530
- Landowne, S., Wolter, H.H. On sub-Coulomb heavy-ion scattering and the problem of nuclear absorption 1-23671
- Landram, C.S. *see* Norris, D.M., Jr. 1-824
- Landreau, J. *see* Haond, M. 1-29302
- Landron, C. *see* Habashi, M. 1-3823
- Landron, J.H. *see* Cooper, J.F. 1-53597
- Landrum, J.H. *see* Nitschke, J.M. 1-36971
- Landry, D.J., Leonard, I., Mazzaferro, R. The testing of hearing aid performance by the Winchester Engineering and Analytical Center 1-32315
- Landsgberg, B.M. New CW FIR laser lines from optically pumped ammonia analogues 1-1546
- Landsgberg, B.M. New CW optically pumped FIR emissions in HCOOH , D_2CO and CD_3Br 1-24401
- Landsgberg, B.M., Iqbal, K. Microwave spectrum of acetyl isocyanate 1-24127
- Landsgberg, B.M. *see* Cornet, R. 1-1207
- Landsgberg, B.M. *see* Shafik, S. 1-46300
- Landsgberg, L.G. *see* Dzheyladin, R.I. 1-23503, 1-45369
- Landsgberg, L.G. *see* Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Landsgberg, P.T. Degradation in solar cells: introductory remarks 1-13134
- Landsgberg, P.T., Klimpke, C.M. Surface recombination effects in an improved theory of a p-type MIS solar cell 1-13129
- Landsgberg, P.T., Tranah, D. Thermodynamics of non-extensive entropies. I 1-27906
- Landsgberg, P.T. *see* Tranah, D. 1-32942
- Landseberger, S. *see* Lecomte, R. 1-5687, 1-18566
- Landser, F.J. *see* Nagels, J. 1-26929
- Landshoff, P.V. Quarks in high energy interactions 1-28283
- Landshoff, P.V. The hadronic final state in deep inelastic scattering 1-45309

- Landshoff, P.V., Pritchard, D.J. Higher-order QCD corrections to exclusive processes: the multiple scattering mechanism 1-10172
- Landshoff, P.V. *see* Donachie, A. 1-559
- Landuyt, J. *see* Van Landuyt, J.
- Landweber, L. *see* Miloh, T. 1-36494
- Landwehr, G. Recent results of high magnetic field experiments on MOSFETs in Grenoble [Si inversion layers] 1-7756
- Landwehr, G. *see* Englert, Th. 1-12205
- Landysheva, G.N. *see* Bojko, V.V. 1-2998
- Lane, A.L. *see* Clarke, J.T. 1-44473
- Lane, A.L. *see* Green, R.F. 1-9706
- Lane, A.M., Martorell, J. The random phase approximation: its role in restoring symmetries lacking in the Hartree-Fock approximation 1-36914
- Lane, C.H. Catalytic lightning discharges between the Earth and its ionosphere/magnetosphere 1-17675
- Lane, J.B. *see* Adamovich, M.I. 1-45317
- Lane, J.B. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Lane, J.B. *see* Fiorino, A. 1-50583
- Lane, N.F. *see* Winter, T.G. 1-1360
- Lane, R. Absorption mechanisms for waterborne sound in Alberich anechoic layers 1-51655
- Lane, R.L., Kachare, A.H. Multiple Czochralski growth of silicon crystals from a single crucible 1-3606
- Lane, S.M., Campbell, E.M., Bennett, C. Measurement of DT neutron-induced activity in glass-microshell laser fusion targets 1-14692
- Lane, S.M. *see* Campbell, E.M. 1-41227, 1-41228
- Lane, S.M. *see* Meyer, R.A. 1-14468
- Lanford, W.A. *see* Houser, C.A. 1-20477
- Lang, A.R. Cathodoluminescence topography 1-43190
- Lang, B., Scholler, P., Carriere, B. AES study of silicon bonding states during oxidation of Si(111) 1-8172
- Lang, C.B., Salomonson, P., Skagerstam, B.S. A study of exactly solvable lattice gauge theories in two space-time dimensions 1-50325
- Lang, C.B. *see* Gesztesy, F. 1-9873
- Lang, C.B. *see* Grosse, H. 1-33108
- Lang, C.B. *see* Heyn, M.F. 1-40998
- Lang, D.D., Goodman, R.K., Jenkins, S.L., Wilkerson, J.A., Parkinson, J.L. Mechanical design of the Thomson scattering diagnostic system for the TMX east mirror plug 1-921
- Lang, D.V. The role of the lattice in deep levels and nonradiative recombinations 1-47537
- Lang, D.V., Grimmeis, H.G., Meijer, E., Jaros, M. Complex nature of gold-related deep levels in silicon 1-20656
- Lang, D.V. *see* Cohen, J.D. 1-30668
- Lang, F. *see* Primini, F.A. 1-49830
- Lang, H. *see* Hausler, E. 1-35906
- Lang, H. *see* de Lang, H.
- Lang, I.G. *see* Trallero Giner, K. 1-21211
- Lang, J. *see* Simonius, M. 1-24004
- Lang, J.C., Morgan, R.D. Nonionic surfactant mixtures. I. Phase equilibria in $C_{10}E_4$ -H₂O and closed-loop coexistence 1-34479
- Lang, J.K., Baer, V., Cox, P.A. Study of the 4f and valence band density of states in rare-earth metals. II. Experiment and results 1-34606
- Lang, J.K. *see* Cox, P.A. 1-30611
- Lang, K. *see* Abrahamov, E.O. 1-722
- Lang, K.R. Astrophysical formulae. A compendium for the physicist and astrophysicist 1-9784
- Lang, K.R., Willson, R.F. Very Large Array (VLA) observations of solar active regions 1-4869
- Lang, L., Moricz, I. Possibilities for application of heat pump in heat supply 1-39811
- Lang, R. Semiconductor lasers 1-6559
- Lang, R.H. Electromagnetic backscattering from a sparse distribution of lossy dielectric scatterers 1-51374
- Lang, S.E., Iwasa, S. Pyroelectric/CCD hybrid focal plane 1-5401
- Lang, U. SO₂/O₂-separation process in thermochemical cycles for water decomposition 1-39842
- Lang, W. Construction of the minimal super-space-translation tensor and the derivation of the supercurrent 1-50021
- Lang, W., Clerc, H.-G., Wohlfarth, H., Schrader, H., Schmidt, K.-H. Nuclear charge and mass yields for ²³U_(th,f) as a function of the kinetic energy of the fission products 1-726
- Lang, W. *see* Schmidt, K.-H. 1-50688
- Langacker, P. *see* Goldhaber, M. 1-50428
- Langdon, A.B. *see* Albritton, J.R. 1-25011
- Langdon, F.J. *see* Griffiths, I.D. 1-1787
- Langdon, T.G. Deformation mechanism maps for applications at high temperatures 1-21507
- Langdon, T.G., Vastava, R.B., Yavari, P. The influence of substructure on creep behavior following stress changes 1-12840
- Lange, C. *see* Furrer, R. 1-7934
- Lange, C.A. *see* de Lange, C.A.
- Lange, C.A. *see* De Lange, C.A.
- Lange, D. *see* Hildebrandt, G. 1-49679
- Lange, D. *see* Musielok, B. 1-4918
- Lange, F. *see* Holste, C. 1-53240
- Lange, F.D. Transport mechanism of the electric charge through diluted polar gas 1-51902
- Lange, F.F. Silicon nitride polyphase systems: fabrication, microstructure and properties 1-8261
- Lange, F.F. Phase retention and fracture toughness of materials containing tetragonal ZrO₂ 1-43337
- Lange, F.F. *see* Clarke, D.R. 1-26644
- Lange, H., Roschenbleck, B., Domke, B., Hoehne, U. A method of electrochemically polishing and etching passive metals in the same electrolyte 1-8486
- Lange, H. *see* Atzrodt, V. 1-39196
- Lange, J. *see* Walsh, D. 1-39147
- Lange, J.E., Morey, J.A., Richards, O.W. Cool White, Ultralume, and Vita-Lite fluorescent lamps for use in color vision testing 1-8944
- Lange, K.W., Mitra, M. Determination of the activities of the components of a ternary metallic system from the knowledge of its gas solubility 1-8269
- Lange, R. *see* Champion, P.M. 1-28982
- Lange, S.R., Greynolds, A.W. Prototype designs for a wide-field high-resolution low-scatter image device 1-27359
- Lange, W. *see* Mylnek, J. 1-40868
- Lange, W.F., III, Riggsbee, J.M. Reference grid preparation for quantitative optical metallography 1-35475
- Lange, W.K.H. *see* Petite, G. 1-6209
- Langecker, K. *see* Brasel, E. 1-31929
- Langel, R.A., Coles, R.L., Mayhew, M.A. Comparisons of magnetic anomalies of lithospheric origin measured by satellite and airborne magnetometers over western Canada 1-40049
- Langel, R.A., Estes, R.H., Mead, G.D., Fabiano, E.B., Lancaster, E.R. Initial geomagnetic field model from Magsat vector data 1-17557
- Langel, R.A. *see* Mayhew, M.A. 1-22193
- Langel, R.A. *see* Stern, D.P. 1-35932
- Langelaar, J. *see* Ten Brink, H.M. 1-6357
- Langell, M.A., Bernasek, S.L. Transition metal compound surfaces. I. The cubic sodium tungsten bronze (Na₂WO₃) surface 1-30533
- Langell, M.A., Bernasek, S.L. Transition metal compound surfaces. II. The tungsten trioxide single crystal surface 1-30534
- Langell, M.A., Bernasek, S.L. High-energy-electron-loss spectroscopy of WO₃(100) and Na₂WO₃ (100) single-crystal surfaces 1-48203
- Langenback, E. *see* Foster, W.M. 1-22026
- Langenberg, A., Watson, R.L. Study of Mg K α X-ray multiplet structure observed in ion-atom collisions 1-51155
- Langenberg, A., Watson, R.L., White, J.R. Foil excited K X-ray transitions in few-electron sulphur ions 1-10686
- Langenberg, D.N. *see* Kirtley, J.R. 1-3113
- Langenberg, K.J. *see* Aulenbacher, U. 1-46648
- Langendorff, G. *see* Schmid, E. 1-49071
- Langenwalter, M. *see* Grossi, M. 1-53410
- Langer, D.W., Schuermer, F.L., Johnson, R.L., Singh, H.P., Litton, C.W., Hartnagel, H.L. Chemical reactions of oxide layers on GaAs [As migration] 1-16373
- Langer, G. *see* Wisniewski, J. 1-22426
- Langer, J.M. Large defect-lattice relaxation phenomena in solids 1-30673
- Langer, J.M. Strong lattice relaxation in localized defects 1-47193
- Langer, J.M. Cadmium fluoride—from physics to application 1-52565
- Langer, J.S. *see* Muller-Krumbhaar, H. 1-26441
- Langer, J.S. *see* Turski, L.A. 1-16152
- Langer, K., Lattard, D. Identification of a low-energy OH-valence vibration in zoisite 1-21180
- Langer, K. *see* Amthauer, G. 1-16516
- Langer, S.H. Collisional excitation of electron Landau levels in strong magnetic fields 1-49505
- Langer, W.D., Schloerb, F.P., Snell, R.L., Young, J.S. Detection of deuterated cyanoacetylene in the interstellar cloud TMC 1 1-9628
- Langer, W.D. *see* Goldsmith, P.F. 1-9617
- Langer, W.D. *see* Wilson, R.W. 1-49775
- Langeron, J.P. *see* Dornieuc, J.L. 1-15676
- Langevin, D. *see* Metayer, M. 1-48732
- Langevin, D. *see* Pouchelon, A. 1-30519
- Langevin, M. *see* Poughelon, F. 1-50505
- Langfeld, R., Baumann, H., Bethge, K., Jex, H. CO₂-laser induced annealing and diffusion in high energy As-ion-implanted silicon 1-52159
- Langford, F.L., Jr. *see* Allen, T.W. 1-50860
- Langford, G., Apelian, D. Diffusion solidification 1-43330
- Langford, G. *see* Razavi, A. 1-21483
- Langford, J.I. Accuracy of crystallite size and strain determined from the integral breadth of powder diffraction lines 1-29963
- Langford, W.J., Rae, H.K. Some highlights of research and development at AECL 1-23751
- Langguth, W. *see* Niczyporuk, B. 1-33175
- Langguth, W. *see* Niczyporuk, B. 1-50421, 1-50447
- Langhans, D. *see* Eichler, H.J. 1-19374
- Langhoff, C.A., Mahajan, S. Deperturbation and assignment of the vibrationally tangled spectrum of pyrene in a biphenyl matrix 1-37196
- Langhoff, J. *see* Cornils, B. 1-17145
- Langhoff, P.W., Rescigno, T.N., Padiál, N., Csanak, G., McKay, B.V. Theoretical studies of partial-channel photoionization cross sections in diatomic and polyatomic molecules 1-24196
- Langhoff, P.W. *see* Padiál, N. 1-24198
- Langhoff, P.W. *see* Williams, G.R.J. 1-41300
- Langhoff, S.R. Theoretical treatment of the spin-orbit coupling in the rare gas oxides NeO, ArO, KrO, and XeO 1-1125
- Langhoff, S.R., Chong, D.P. Calculation of the vertical ionization potentials of oxygen difluoride, difluoramine, and difluoromethane by configuration interaction 1-51136
- Langhoff, S.R. *see* Cooper, D.M. 1-45859
- Langlet, J., Giessner-Prettre, C., Pullman, B., Clavier, P., Piazzola, D. Purine-water interactions in base stacking 1-1116
- Langley, A.J. *see* Oxley, D.P. 1-29069
- Langley, R.A., Emerson, L.C., Whitley, J.B., Mulendore, A.W. Initial testing of TiB₂ and TiC coated limiters in ISX-B 1-23848
- Langley, R.A., Magee, C.W. Initial measurement of impurity production and hydrogen energy distribution from neutral beam injectors 1-25060
- Langley, R.A. *see* Whitley, J.B. 1-18891
- Langley, S. *see* Fenech, H. 1-50853
- Langlois, W.E. Conservative differencing procedures for rotationally symmetric flow with swirl 1-52096
- Langlotz, M. *see* Baumgartner, R. 1-4362
- Langman, R.A. Prediction and measurement of rotation of magnetization in an anisotropic polycrystalline ferromagnetic material 1-52769
- Langner, D.G. *see* Russo, P.A. 1-14634
- Langouche, F., Roekaerts, D. On quantization and point canonical transformations in phase-space functional integrals 1-5155
- Langouche, G., Dixon, N.S., Fritz, L.S., Hanna, S.S. In-beam implantation of iron into germanium in an external magnetic field studied by the Mossbauer effect 1-16508
- Langrana, N., Alexander, H., Massengill, J.B., Weiss, A.B. Optimization of rigidity in fixation of phalangeal fractures 1-13348
- Langreth, D.C. *see* Shung, K. 1-43248
- Langrill, L.N., Goldstein, A. A low-cost gate for ultrasound pulse-echo studies 1-27039
- Langsams, Y., Ronn, A.M. The kinetics and mechanism of dissociation of metal carbonyls in high infrared laser fields 1-35555
- Langston, C.A. A note on spectral nulls in Rayleigh waves 1-32366
- Janier, R.G., Struble, G.L., Mann, L.G., Stoff, W., Oelrich, I.C., Scheerer, J., Proctor, I.D., Heikkinen, D.W., Howell, R.H. Evidence for a strongly deformed prolate shape at N=87 from ¹⁵²Eu and ¹⁵²Eu(p,t) reactions 1-41110
- Janier, R.G. *see* Girshick, F. 1-28384
- Janier, W.W. *see* Armstrong, A.A. 1-52359
- Janin, A.G. *see* Andrievskii, R.A. 1-31402
- Janin, A.G. *see* Turchin, V.N. 1-35225
- Janir, V. A microstructure model for the rheology of mammalian tendon 1-49057
- Janius, K. *see* Deiters, K. 1-51044
- Janikard, J.R. *see* Avouris, Ph. 1-45039
- Jankevich, V.I., Perepelitsa, N.I., Sapankovich, A.P. Intensification of heat removal in tubes with internal helical finning 1-37773
- Janikard, A.J. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Janikard, A.J. *see* Dorfan, J.M. 1-41020
- Janikard, A.J. *see* Himel, T.M. 1-18482
- Janikard, A.J. *see* Scharre, D.L. 1-18485, 1-45292
- Janikard, J., Davidson, D.L. The effect of compressive strength on the mechanical performance of strong ceramics 1-43465
- Janikard, J. *see* Williams, D.R. 1-3884
- Jannafors, H.O., Hansson, H.-C., Winchester, J.W., Winchester, J.W., Akselson, K.R., Pailon, J.H., Johansson, S.A.E., Darzi, M., Rheingrover, S.W. Interelement and multi-station concentration evidence for large scale aerosol sulfur transport across Sweden 1-54224
- Jannes, A. On the linear convergence of quasi-Newton methods in finite- and infinite-dimensional Hilbert spaces 1-13995
- Janni, C. *see* Edwards, D., Jr. 1-28000
- Jannin, J.S. *see* Carroll, P.J. 1-48063
- Jannin, J.S. *see* Shanabrook, B.V. 1-35036, 1-53093
- Janning, D.D. *see* Sefcik, J.A. 1-45601
- Janning, D.D. *see* Williford, R.E. 1-45680
- Janning, H., Horne, K., Gomer, R. Janning 10 1-36337
- Jannoo, M. *see* Lohze, D. 1-7696
- Jannus, A. *see* Kapner, R.S. 1-17086
- Jannutti, J.E. *see* Hayes, P.J. 1-45371
- Janotte, L. *see* Mastrocchio, G. 1-1544
- Janphier, E.H. *see* Stock, M.K. 1-13268
- Jans, J. *see* van der van der Lans, J.
- Janshikov, G.I. *see* Abramov, W.V. 1-596

- Lansing, F.L. A two-dimensional finite-difference solution for the transient thermal behaviour of a tubular solar collector 1-17258
- Lansing, F.L., Chai, V.W. A thermodynamic analysis of a solar-powered jet refrigeration system 1-17282
- Lansing, F.L., Dorman, J. High-efficiency solar concentrator 1-17260
- Lanskaya, K.A., Smirnova, A.V., Kulikova, L.V., Yarovoi, V.V. Effect of retained aluminum on the fine structure of steel 12Kh1MF 1-16784
- Lanske, D. see Allen, P. 1-14367, 1-36856, 1-36857
- Lanske, D. see Blitschau, J. 1-10190
- Lanske, D. see Fritze, P. 1-14431
- Lanske, D. see Grassler, H. 1-50414
- Lansraux, G., Lefevre, M.R. Diffraction of a homocentric beam of coherent monochromatic polarized light by a screen with rectilinear and parallel edges. Comparison between theory and a high precision experiment 1-10914
- Lantagne, J., Roberge, R., LeHuy, H., Fihey, J.L., Foner, S. Origin of the improved resistance to strain in situ Nb₃Sn multifilamentary composites 1-47831
- Lanter, F., Erne, D., Ammann, D., Simon, W. Neutral carrier based ion-selective electrode for intracellular magnesium activity studies 1-53493
- Lanteri, H., Bindi, R., Rostaing, P. Application of splitting-up method to the numerical treatment of transport equation. Analysis of the transmission of electrons through thin self-supporting metallic targets 1-50071
- Lanteri, H. see Bindi, R. 1-26320
- Lantian Yang see Yang Lantian
- Lantos, P. Quiet Sun at metric and decametric wavelengths 1-4860
- Lantto, L.J. Spatial correlations in spin-polarized ³He liquid 1-2750
- Lantto, L.J. Fermi hypernetted-chain calculations of the electron-gas correlations 1-2902
- Lantto, L.J., Nieminen, R.M. Calculated properties of two-dimensional spin-polarized atomic hydrogen 1-1081
- Lantukh, V.M. Ultrasonic inspection of hot metal 1-8500
- Lantukh, V.M. Interference protection of the testing of articles with probes individually matched with the ultrasonic conductors 1-35484
- Lantukh, V.M., Grebennik, V.S. Study of split probes with ultrasonic lines for checking hot metal 1-39571
- Lantz, E. Inherent safety in the design of future nuclear plants 1-831
- Lanyi, M. see Balogh, L. 1-14098
- Lanyi, S. Rapid balancing of a capacitance bridge at very low frequencies 1-14136
- Lanyon, H.P.D. The physics of heavily-doped n⁺-p junction solar cells 1-43778
- Lanyon, L.E. see Radin, E.L. 1-17446
- Lanyuk, A.N. Influence of the mixing of two flows with different total parameters in a Laval nozzle on its integral characteristics 1-2056
- Lanza, C., Hovel, H.J. Efficiency calculations for thin-film polycrystalline semiconductor p-n junction solar cells 1-13118
- Lanza, F. see Gausch, O. 1-5859
- Lanzertotti, L.J., MacLennan, C.G., Krimigis, S.M., Armstrong, T.P., Behannon, K., Ness, N.F. Statics of the nightside Jovian plasma sheet 1-17784
- Lanzertotti, L.J., MacLennan, C.G., Lepping, R.P., Krimigis, S.M. Intensity variations in plasma flow at the dawn magnetopause 1-32585
- Lanzertotti, L.J. see Agrawal, S.P. 1-40288
- Lanzertotti, L.J. see Brown, W.L. 1-15937
- Lanzertotti, L.J. see Hamilton, D.C. 1-17783
- Lanzertotti, L.J. see Siren, J.C. 1-40256
- Lanzertotti, L.J. see Venkatesan, D. 1-40289
- Lanzi, E. see Comelli, F. 1-37375
- Lanzi, L.H., Rozenfeld, M., Wootton, P. The radiation therapy dosimetry network in the United States 1-44009
- Lanzi, L.H. see Sabau, M.N. 1-53909
- Laobavanich, S., Thanonkul, S., Pramatus, S. Structure refinement of niobium arsenide Nb₂As₃ 1-30164
- Lapasset, J. see Dumas, P.Y. 1-15864
- Lapatovich, W.P., Ahmad-Bitar, R., Moskowitz, P.E., Renhorn, I., Gottscho, R.A., Pritchard, D.E. Laser spectroscopy of the diatomic van der Waals molecule NaNe 1-29074
- Lapchinskii, V.G., Rubakov, V.A. Spontaneous symmetry breaking in an open Friedmann Universe 1-32791
- Lapedes, A.S. Black-hole uniqueness theorems in Euclidean quantum gravity 1-14060
- Laperriere, F. see Dababneh, M.S. 1-15015
- Lapeyre, G.J. see Smith, R.J. 1-3573
- Lapiashvili, E.S. see Naskidashvili, A.I. 1-20273
- Lapicicrella, A. see Battistoni, C. 1-6149
- Lapicki, G., Laubert, R., Brandt, W. Coulomb-deflection effect in inner-shell ionization by heavy charged particles 1-15000
- Lapicki, G., McDaniel, F.D. Electron capture from K shells by fully stripped ions 1-15001
- Lapidus, E.M. see Yegovskaya, E.A. 1-42867
- Lapidus, L.I. see Beg, L. 1-18504
- Lapidus, L.I. see Kopelovich, B.Z. 1-28478
- Lapidus, L.I. see Veg, L. 1-45491
- Lapierre, F. see Ribault, M. 1-3025
- Lapierre, H. see Clement, B. 1-49245
- Lapierre, J. see Bures, J. 1-37612
- Lapiga, E.Ya., Loginov, V.I. Kernels of the kinetic equation of coalescence 1-51848
- Lapillone, B., Chateau, B. The MEDEE models for long term energy demand forecasting 1-35633
- Lapin, A.B. see Kurtasov, S.F. 1-39346
- Lapin, N.I. see Antipenko, A.P. 1-45555
- Lapin, Yu.V., Ermolov, I.N., Krakovyak, M.F. Calculation and preparation of split-combined probes for ultrasonic inspection of large parts 1-39572
- Lapique, F., Piuz, F. Simulation of the measurement by primary cluster counting of the energy lost by a relativistic ionizing particle in argon 1-10608
- Lapka, R. see Guntherodt, H.J. 1-25619
- Lapka, R. see Pfleger, P. 1-39053
- Lapkina, N.D. see Nefed'ev, A.V. 1-7147
- Laplace, G. see Jolibois, B. 1-15844
- Laplanché, G. see Jaouen, M. 1-24088
- Laplace, D. see Mbaw, C.M. 1-31217
- Lapo, L.M. Elimination of measurement errors in reading systems having a decentered pupil 1-12821
- Lapointe, A.J., Baker, T.N. The influence of cooling rate on the strength and microstructure of low carbon bainite steels 1-35270
- Laponche, B., Valette, P. European Community energy models. Example of the French application of the MEDEE and EFOM models 1-35616
- Laporta, P. see Andreoni, A. 1-35074
- Laporte, A. see Graf, B. 1-17475
- Laporte, J.L., Cadoret, M., Cadoret, R. Investigation of the parameters which control the growth of {111} and {111} faces of GaAs by chemical vapour deposit 1-2368
- Laporte, P., Subtil, J.L., Usaf, U., Steinberger, I.T., Wind, S. Intermediate and Wannier excitons in fluid xenon 1-30642
- Lapovok, V.N. see Gryaznov, G.M. 1-35512
- Lapovok, V.N. see Morokhov, I.D. 1-26775
- Lappin, J.S., Doner, J.F., Kottas, B.L. Minimal conditions for the visual detection of structure and motion in three dimensions 1-26906
- Lappo, A.P. see Volkenshtein, I.A. 1-359
- Lappo, G.B. see Dobkin, S.V. 1-15602
- Lappo, M.T., Chernyi, V.V. Annealing of radiation defects in silicon irradiated with dense neutron fluxes 1-42430
- Lapshin, E.A. see Vasil'eva, A.A. 1-29439
- Lapshina, E.A. see Medyanov, A.V. 1-42248
- Lapsker, I.A. see Ovcharenko, V.E. 1-12690
- Lapson, W. see Kalra, S.P. 1-28556
- Lapte, F.V. see Komarov, E.V. 1-10419
- Lapte, I.D. see Alt'udov, Yu.K. 1-52163
- Lapujoulade, J., Le Cruer, Y., Lefort, M., Lejay, Y., Maurel, E. Diffraction of helium from an ordered adsorbed layer: oxygen on copper (110) 1-38652
- Lapujoulade, J., Le Cruer, Y., Lefort, M., Lejay, Y., Maurel, E. The diffraction of hydrogen from Cu(100) 1-48214
- Lapushkin, S.V. see Biryukov, Yu.A. 1-5645
- Lapyyin, V.V. see Burenin, A.A. 1-37853
- Laqua, K. see Kruger, R.A. 1-46944, 1-46945
- Laques, P., Nieto, J.-L., Vidal, J.-L., Auge, A., Despiau, R. Brightening of a hot spot in NGC 2903 1-13857
- Laques, P., Nieto, J.-L., Vidal, J.-L., Auge, A., Despiau, R. A supernova in NGC 1199 1-36312
- Laques, P. see Alloin, D. 1-49816
- Laques, P. see Lecacheux, J. 1-4819
- Larbaletstier, D.C. see Hawksworth, D.G. 1-47821
- Larbaletstier, D.C. see West, A.W. 1-47828
- Larche, F.C. Nucleation and precipitation on dislocations 1-3750
- Larcher, C., Gauyacq, D., Rostas, J. The emission spectrum of the CO₂⁺ ion: Fermi resonance between the 100 and 020 levels of the X²Π_g ground state of ¹²CO₂⁺ and ¹³CO₂⁺ ions 1-19083
- Lardeux, C. see Lahmani, F. 1-26761
- Lardner, R.W., Arya, J.C. Two generalisations of Burgers' equation 1-33978
- Lardon, M., Buhl, R., Signer, H., Moll, E., Pulker, H.K. Influence of the substrate temperature and the discharge voltage on the structure of titanium films produced by ion-plating 1-7495
- Laredo, E., Figueroa, D.R., Puma, M. Polarizable complexes in barium fluoride doped with trivalent ions 1-3321
- Laredo, E. see Puma, M. 1-34722
- Larere, A., Moulin, G., Ovejero-Carcia, J., Haut, C., Roques-Carmes, C. Detection of intergranular sulphur segregations in commercial nickel by high-resolution sulphur microprint 1-3747
- Lares, N.E. see Phillips, B.F. 1-28121
- Large, M.D. see Berry, M.V. 1-40663
- Large, M.I., Mills, B.Y., Little, A.G., Crawford, D.F., Sutton, J.M. The Molonglo Reference Catalogue of radio sources 1-49541
- Largo-Cabreri, J., Duque Calvo, F.M. Orbital contributions to some two-electron properties 1-41308
- Lari, C., Perola, G.C. Radio properties of Abell clusters 1-9688
- Lari, C. see Fanti, R. 1-49837
- Lari, C. see Harris, D.E. 1-17901
- Lari, R.J. see Turner, L.R. 1-6425
- Lariccia, P. see Bebek, C. 1-33191
- Lariccia, P. see Chadwick, K. 1-33192
- Larichev, V.D. see Flierl, G.R. 1-4563
- Larikov, L.N., Nikitin, B.G. The mechanism of influence of a medium on the thermal loss of strength of the surface layer of deformed metals 1-35279
- Larikov, L.N., Plotnikova, N.P., Primushko, V.N. Healing of radiation defects in the annealing of neutron-irradiated silicon and vanadium single crystals 1-42433
- Larikov, L.N., Sych, I.I., Takzei, G.A. Hall effect in γ-FeNiCr spin glasses 1-47613
- Larikov, L.N., Takzei, G.A., Sich, I.I. Magnetic properties of the alloys of the Fe_{92-x}Ni_xCr₈ system near critical concentration 1-38913
- Larikov, L.N., Takzei, G.A., Sych, I.I. Electric properties of the Fe_{92-x}Ni_xCr₈ system alloys at low temperatures 1-16276
- Larikov, L.N., Usov, Yu.V., Polenur, A.V., Petkov, V.V. On energy of the point defect formation in Fe-Ni alloys 1-20199
- Larikov, L.N. see Brik, V.B. 1-16091
- Larikov, L.N. see Gurevich, M.Yu. 1-38642
- Larimer, J. see Pugh, E.N., Jr. 1-4280
- Larin, E.N. see Potapov, I.I. 1-16997
- Larin, E.S. see Gufan, Yu.M. 1-7287
- Larin, M.F., Shternberg, B.Z. Universal attachment to a BS 487C NMR spectrometer 1-5349
- Larin, N.V. see Devyatikh, G.G. 1-16274
- Larin, N.V. see Kovalev, I.D. 1-24945
- Larin, O.B. Ignition of hydrogen in a turbulent boundary layer on a plate 1-29794
- Larin, Ye.A. Approximate determination of statistical distribution of rainfall intensity 1-17676
- Larina, R.R. see Bakharev, M.S. 1-30278
- Larinov, M.M. see Zhilinskii, A.P. 1-2161
- Larionova, V.G. see Fiorino, A. 1-50583
- Larionov, I.F. see Gerasimov, V.P. 1-1897
- Larionov, M.G. see Berlin, A.B. 1-17898
- Larionov, N.P., Lukin, A.V., Rafikov, R.A. Synthesized hologram used as simulator of the primary mirror of a telescope 1-19303
- Larionov, O.I., Stavrova, L.G., Tarayants, N.K. An active bandpass filter with cascaded sections 1-27296
- Larionov, Yu.P. see Kartuzhanskii, A.L. 1-23354
- Larionova, V.G. see Adamovich, M.I. 1-45317
- Lariontsev, E.G. see Kornienko, L.S. 1-29304, 1-33727, 1-51497
- Lariontsev, E.G. see Kravtsov, N.V. 1-24452
- Larivain, J.P. see Hirtz, J.P. 1-41719
- Larker, H.T. Hot isotopic pressing—characteristics and prospects in industrial use 1-35211
- Larker, H.T. Applications of hot isotopic pressing for radioactive waste containment in synthetic minerals 1-37013
- Larkin, A.I. see Altshuler, B.L. 1-25685
- Larkin, A.I. see Antonov, V.A. 1-8966
- Larkin, A.I. see Efetov, K.B. 1-5547
- Larkin, G.V. see Vedernikov, G.V. 1-40231
- Larkin, J. see Halliburton, L.E. 1-15933
- Larkin, R.J., Lovejoy, R.W., Silvaggio, P.M., Boese, R.W. Intensity of the sulfur dioxide rotational spectrum 1-19093
- Larkins, F.P., Adeney, P.D., Dyall, K.G. A theoretical study of the photoelectron spectrum of atomic lithium 1-51138
- Larmagnac, J.P. see Gernet, J. 1-42658
- Larman, T. see Catalaki, A. 1-33330
- Larock, B.E. see Schamber, D.R. 1-19680
- Laroia, K.K. see Kishan, P. 1-38932
- Laros, J.G. see Fenimore, E.E. 1-36435
- Larpin, J.P. see Colson, J.C. 1-35428, 1-48575
- Larrabee, D.S. see Rej, D.J. 1-11566
- Larrabee, R.D., Blackburn, D.L. Theory and application of a nondestructive photovoltaic technique for the measurement of resistivity variations in circular semiconductor slices 1-3019
- Larrabee, R.D. see Lowney, J.R. 1-7365
- Larrain, J. see Gocl, R.P. 1-3710
- Larrain, J.M. High temperature thermodynamic properties of iron-nickel alloys 1-20422
- Larrain, J.M. see Fornsicht, D.R. 1-2657
- Larroque, M. see Buscarlet, A.L. 1-40027
- Larroque, P. On electron diffraction diagrams of very small clusters of BCC metals 1-2295
- Larroucaud, G.C.J. see Ashford, D.M. 1-54346
- Larsen, B. see Vegheholm, B. 1-32057
- Larsen, B. see Vegheholm, B. 1-21766
- Larsen, D.M. Giant binding of D⁻ centers in polar crystals 1-42706
- Larsen, D.M. see Aggarwal, R.L. 1-47581
- Larsen, E.M. see Taylor, R.C. 1-52946

- Larsen, E.W.** Diffusion theory as an asymptotic limit of transport theory for nearly critical systems with small mean free paths 1-5821
- Larsen, E.W.** Solution of the inverse problem in multiphoton transport theory 1-50073
- Larsen, E.W., Pomraning, G.C., Badham, V.C.** On the singular eigenfunctions for linear transport in an exponential atmosphere 1-121
- Larsen, G.** see Page, R.J. 1-14657
- Larsen, H.** Power based measurements of sound insulation 1-6717
- Larsen, I.L.** see Cutshall, N.H. 1-23941
- Larsen, J.** A mathematical model of the oscillations in the aphakic eye 1-32116
- Larsen, J.M., Stansfield, B.L., Bergevin, B., Matc, J.P., Gregory, B.C.** Plasma production, losses, and electron temperature measurements in the KEMP II B electromagnetic trap 1-34099
- Larsen, J.S.** see Gaarde, C. 1-5740
- Larsen, J.T.** see Campbell, E.M. 1-41227, 1-41228
- Larsen, J.T.** see Estabrook, K. 1-51926
- Larsen, J.W., Livesay, B.R.** Hydriding kinetics of SmCo_5 1-2804
- Larsen, L.E.** see Brown, P.V.K. 1-8905
- Larsen, L.H.** Modulation solitons in inhomogeneous media 1-27787
- Larsen, P.K., Neave, J.H., Joyce, B.A.** Angle-resolved photoemission from As-stable GaAs (001) surfaces prepared by MBE 1-35142
- Larsen, R.R.** see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Larsen, R.R.** see Dorfan, J.M. 1-41020
- Larsen, R.R.** see Himel, T.M. 1-18482
- Larsen, R.R.** see Scharre, D.L. 1-18485
- Larsen, S.E.** see Troen, I. 1-21952
- Larsen, D.A.** see Fowler, A.C. 1-4546, 1-9183
- Larson, D.C.** Concentration ratios for flat-plate solar collectors with adjustable flat mirrors 1-26853
- Larson, D.J.** see Jopson, R.M. 1-28911
- Larson, D.J.** see Ravishanker, P.S. 1-8290
- Larson, D.J.** see Stuart, J.G. 1-15133
- Larson, E.D.** see Sparrow, E.M. 1-37780
- Larson, F.R.** see Hu, H. 1-43367
- Larson, G.J.** see Harmon, R.S. 1-44207
- Larson, H.P., Fink, U., Smith, H.A., Scott, D.** The middle-infrared spectrum of Saturn: evidence for phosphine and upper limits to other trace atmospheric constituents 1-9415
- Larson, H.P.** see Davis, D.S. 1-36178
- Larson, L.A., Soria, F., Poppa, H.** Energy-selective SESD imaging utilizing a CMA 1-30556
- Larson, N.R.** see Michalsky, J.J. 1-27532
- Larson, R.A.** Autoconditioning system for BNL negative ion sources 1-10538
- Larson, R.B.** Turbulence and star formation in molecular clouds 1-54593
- Larson, R.S.** Convective amplification of gas turbine engine internal noise sources 1-51660
- Larson, S., Fountain, J.W.** Saturn's new satellites: a perspective 1-40415
- Larson, S.J.** see Halbach, R.E. 1-35854
- Larson, S.M.** see Reitsma, H.J. 1-4820
- Larsson, C.G.** see Nilsson, P.O. 1-16662
- Larsson, J.** see Orhaug, T. 1-17704
- Larsson, K.** see Abilock, H. 1-39719
- Larsson, L., Alpstén, M., Lindskog, B.A., Skoldborn, H.** The response of LiF dosimeters in the radiation field of a 14 MeV neutron generator 1-6090
- Larsson, M.** see Bergeman, T. 1-29040, 1-46029
- Larsson, M.** see Erman, P. 1-4113
- Larsson, S.** Equivalence of the Hiller-Sucher-Feinberg and contact operators in the unrestricted Hartree-Fock approximation 1-28854
- Larsson, S., Hehenberger, M., de Mello, P.C.** Ab initio Hartree-Fock and multiple-scattering $X\alpha$ calculation of the g factors for CuF_2 1-24036
- Larsson, S.** see Hehenberger, M. 1-41533
- Larsson, S.E.** see Aberg, S. 1-50489
- Larsson, S.E.** see Baran, A. 1-50679
- Larsson, U.** see Johansson, S. 1-35721
- Lartigue, C., Percheron-Guegan, A., Achard, J.C., Tasset, F.** Thermodynamic and structural properties of $\text{LaNi}_{1-x}\text{Mn}_x$ compounds and their related hydrides 1-25204
- Lartigue, C., Percheron-Guegan, A., Achard, J.C., Tasset, F.** Thermodynamic and structural properties of $\text{LaNi}_{1-x}\text{Mn}_x$ compounds and their related hydrides 1-20126
- Lartigue, C.** see Percheron-Guegan, A. 1-20119
- Larue, J.C.** see Crabb, R.L. 1-39796
- Larue, R.** see Ramavataram, K. 1-10362
- LaRue, R.A., Borden, P.G., Gregory, P.E.** A distributed resistance model of an AlGaAs/GaAs concentrator solar cell illuminated with a curved groove Fresnel lens 1-39773
- Laruelle, P.** see Rysanek, N. 1-30152
- Laruiuc, V.** see Kvasnicka, V. 1-28844
- Larvor, M.** see Le Doucen, R. 1-10028
- Larzilliere, M., Carre, M., Gaillard, M.L., Rostas, J., Horani, M., Velghe, M.** Rotationally resolved photodissociation spectrum of N_2O^+ in the near ultraviolet region 1-19108
- Larzilliere, M., Launay, F., Roncin, J.-Y.** High resolution emission spectra of H_2 and D_2 near 80 nm 1-24165
- Las, W.L., Matthews, R.J., Stoebe, T.G.** Mechanisms for thermoluminescence in MgO and CaSO_4 1-3503
- Lasaga, A.C.** Defect calculations in silicates: olivine 1-47077
- Lasaga, A.C., Aerni, R.J., Karplus, M.** Photodynamics of polyenes: the effect of electron correlation on potential surfaces 1-37125
- Lasalmonie, A., Lequeux, M.J., Costa, P.** The clustering of Ni atoms in Ni-rich NiAl: effect on the flow stress at intermediate temperatures (300K to 1000K) 1-30236
- Lasalmonie, A.** see Chaix, C. 1-8309, 1-16862
- Lascombe, J.** see Rothschild, W.G. 1-48051
- Lascu, S.** Notices on the variation of seismic waves velocity beneath the Vrancea zone 1-35936
- Lash, C.C.** Shear waves, multiple reflections, and converted waves found by a deep vertical wave test (vertical seismic profiling) 1-27075
- Lash, T.J.** Far-field radiation pattern of tunable diode lasers 1-37496
- Lashinsky, H., Rosenberg, T.J., Detrick, D.L.** Power line radiation: possible evidence of van der Pol oscillations in the magnetosphere 1-17737
- Lashkarev, G.V.** see Fal'kovskii, A.A. 1-42944
- Lashko, N.F.** see Selyavo, A.L. 1-16817
- Lashkov, G.I.** see Kozel, S.P. 1-29157, 1-43165
- Lashkul, A.V.** see Arushanov, E.K. 1-42675
- Lasinski, B.F.** see Estabrook, K. 1-15633
- Lasinski, T.** see Aston, D. 1-50470
- Lasinski, T.** see Strykowski, R. 1-18522
- Lasjaunias, J.C., Penn, G., Vandrope, M.** Effect of thermal treatments on the low temperature specific heat of vitreous silica 1-16059
- Lasjaunias, J.C.** see Bethoux, O. 1-30893
- Lasjaunias, J.C.** see Caudron, R. 1-42970
- Lasjaunias, J.C.** see Lewis, J.E. 1-16118
- Lasjaunias, J.C.** see Ravex, A. 1-30879
- Laskar, A.L.** see Taylor, B.E. 1-7606
- Laskar, W.** Practical form of (Freudenthal's) formula for semisimple Lie algebras (of rank 1-2) 1-5135
- Lasker, B.M.** see Stover, R.J. 1-22794
- Lasker, B.M.** see You-Hua Chu 1-27598
- Lasley, D.J., Cohn, T.E.** Why luminance discrimination may be better than detection 1-39924
- Laso, J.** see Catalan, J. 1-24025
- Lass, J.S.** Huang scattering and extinction length of conduction electrons 1-38770
- Lassabater, L.** see Testemale, E. 1-7701
- Lassahn, G.D.** see Kondic, N.N. 1-14105
- Lassalle, J., Fourcade, N.** Metastable atom concentration evolution in a HF induced discharge in He and Ne at low pressure 1-52011
- Lassalle, J.** see Fourcade, N. 1-45900
- Lassalle, J.C., Carena, F., Pensotti, S.** TRIDENT: a track and vertex identification program for the CERN Omega Particle Detector System 1-14786
- Lassalle, J.-C.** see Adamovich, M.I. 1-45317
- Lassalle, J.-C.** see Fiorino, A. 1-50583
- Lassaut, M., Vinh Mau, N.** Low-energy nucleon-alpha scattering: microscopic potentials and phase shifts 1-23655
- Lassaut, M.** see Duggan, F. 1-50608
- Lassen, L.** see Gammeke, H. 1-14507
- Lassen, L.** see Gammeke, H. 1-18668
- Lassen, M., Gorson, R.O.** Patient dose in diagnostic radiology: when and how? 1-44020
- Lasser, R., Fuggle, J.C.** Screening effects in the KLV Auger spectra of Na, Mg, Al, and Si 1-8191
- Lasser, R., Fuggle, J.C., Beyss, M., Campagna, M., Steglich, F., Hüller, G.** X-ray photoemission from C core levels of CePd , CeSe , CeAl_2 , and CeCu_2Si_2 1-48231
- Lasser, R., Lengeler, B., Arnold, G.** Compton profiles of FeTi and β -phase FeTi hydride 1-3533
- Lasser, R.** see Fuggle, J.C. 1-16661
- Lasser, R.** see Kornstadt, U. 1-47234
- Lasser, R.** see Lengeler, B. 1-48192
- Lasser, R.** see Rosei, R. 1-12635
- Lasser, Th.** An alternative method for CARs-spectra calculation 1-29338
- Lassette, E.N.** Momentum eigenfunctions in the complex momentum plane. IV. The construction of local potential functions. Perturbation series 1-45843
- Lassila, K.E.** see Carlson, C.E. 1-18521
- Lassila, K.E.** see Jones, L.M. 1-45230
- Lassila, K.E.** see Sukhatme, U.P. 1-515
- Lassmann, K., Zeile, H.** Ultrasonic spectroscopy of the acceptor ground state in cubic semiconductors 1-16256
- Lassmann, K.** see Sigmund, E. 1-15998
- Last (Lyast), I.** Limitations of the diatomics-in-molecules (DIM) method with neglect of overlap 1-51100
- Lastovickova, M.** see Parkhomenko, E.I. 1-22331
- Lastovka, V.V.** see Georgobiani, A.N. 1-47105
- Lastushkina, G.Y.** see Zhdan, P.A. 1-31303
- Lastutkin, A.N.** see Berlin, A.B. 1-17898
- Laszewski, R.M.** see Bowles, T.J. 1-41144
- Laszewski, R.M.** see Stephenson, E.J. 1-28821
- Laszlo, C.A.** see Maki, B. 1-13336
- Laszlo, S.** see Arvay, Z. 1-23937, 1-28414
- Laszlo, T.S.** Industrial applications of microwaves 1-27744
- Lata, P.** Effect of ionizing radiation on roses: induction of somatic mutations 1-35832
- Latacz, A.** see Opilka, L. 1-15316
- Lataillade, J.-L., Pouyet, J., Hamdy, A.** Dynamic compression tests on solid polymers at high strain rates 1-43420
- Lataillade, J.-L.** see Signoret, C. 1-18242
- Latajka, Z., Ratajczak, H., Barycki, J., Tyka, R.** CNDO/2 studies of aminomethylphosphonic and aminomethyl-P-methylphosphonic acids 1-28875
- Latajka, Z., Ratajczak, H., Kimel'fel'd, Ya.M.** Localized molecular orbital studies of complexes formed between methyl derivatives of ethylene with hydrogen fluoride and fluorine 1-35506
- Latajka, Z., Szczesniak, M.M., Ratajczak, H., Orville-Thomas, W.J.** Properties of strong hydrogen-bonded systems. II. Ab initio SCF-MO study of the hydrogen bond between nitric acid and ammonia 1-45839
- Latanision, R.M., Turn, J.C., Jr., Compeau, C.R.** The corrosion resistance of metallic glasses 1-43615
- Lategan, A.H.** The fringe system of a tilted Fabry-Perot interferometer 1-5372
- Latham, D.J.** A channel model for long arcs in air 1-2273
- Latham, G.V.** see Dumas, D.B. 1-32356
- Latham, G.V.** see Horvath, P. 1-27403
- Latham, J., Warwick, R.** Charge transfer accompanying the splashing of supercooled raindrops on hailstones 1-22462
- Latham, J.** see Baker, M.B. 1-22464
- Latham, J.P.** see Patterson, G.D. 1-35064
- Latham, R.V.** see Stewart, D. 1-39225
- Latham, T.S.** see DeBlois, R.L. 1-931
- Latham, W.P., Jr.** Analysis of an imperfectly coated conical element for high energy laser resonators 1-37516
- Latif, S.M., Kroemer, H.** Order-disorder phase transition of the iodine sublattice in tetrathiofulvalene iodide ($n \approx 0.7$) in a strong electric field 1-47626
- Latifi, G.** see Azimi-Garankani, D. 1-51050
- Latimer, C.J.** see Campbell, F.M. 1-10781
- Latimer, J.R.** see Bahill, A.T. 1-22024
- Latimer, P.** Predicted scattering by spheroids. Comparison of approximate and exact methods 1-1440
- Latkowski, A.** see Piela, K. 1-16798
- Latorre, R.** Experimental study of model propeller tip vortex cavitation noise 1-46639
- Latouche, C.** see Etcheber, H. 1-27207
- Latour, J.M.** see Cheradame, H. 1-2687
- Latschaw, G.L., Russell, P.B., Hanna, S.S.** In-beam implantation of iron into germanium, silicon and diamond studied by the Mossbauer effect 1-16507
- Latsis, I.E.** see Valbis, Ya.A. 1-16612
- Latisit, I.I., Sereika, A.P.** Electronic attenuation of surface acoustic waves in a monolithic metal-oxide-CdS structure on LiNbO_3 1-37659
- Lats'ko, E.M.** see Voitsenya, V.S. 1-25048
- Latta, B.M.** Monte Carlo study of the depth and lateral range of low-energy projectiles in solids 1-34382
- Lattanzi, D., Neri, C., Papa, C., Paribelli, S.** Reducing occupational doses at BWRs and PWRs 1-28732
- Lattanzi, P., Rye, D.M., Rice, J.M.** Behavior of ^{13}C and ^{18}O in carbonates during contact metamorphism at Marysville, Montana: implications for isotope systematics in impure dolomitic limestones 1-40126
- Lattard, D.** see Langer, K. 1-21180
- Lattes, C.M.G., Fujimoto, Y., Hasegawa, S.** Hadronic interactions of high energy cosmic-ray observed by emulsion chambers 1-14437
- Lattuada, M.** see Fallica, P.G. 1-14532, 1-50606
- Latuszynski, A.** see Alkhazov, G.D. 1-45464
- Latuszynski, A.** see Maczka, D. 1-6038
- Latuta, V.Z.** see Losozki, V.N. 1-30580
- Laty, P.** see Goumri, L. 1-30527
- Latyshova, E.I.** see Pavlova, G.A. 1-30279
- Latyshova, V.I.** see Pan, V.M. 1-25849
- Latzko, D.G.H.** see Vriesma, B. 1-28563
- Lau, A.C.M.** see Furlong, D.N. 1-48746
- Lau, C.** see Chivers, T. 1-17315
- Lau, C.C.** see Wong, K.W. 1-169
- Lau, J.C.** Mach number and temperature effects on jets 1-2042
- Lau, J.C., Whiffen, M.C., Fisher, M.J., Smith, D.M.** A note on turbulence measurements with a laser velocimeter 1-46829
- Lau, K.F., Yen, K.H., Wilcox, J.Z., Kagiwada, R.S.** Analysis of shallow bulk acoustic wave excitation by interdigital transducers 1-15356
- Lau, K.H.** see Berger, C. 1-5636, 1-10209
- Lau, K.H.** see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Lau, K.H.** see Cubicciotti, D. 1-47220
- Lau, K.H.** see Kleinschmidt, P.D. 1-43694

- Lau, K.Y., Figueroa, L., Yariv, A. Generation and quenching of intensity pulsations in semiconductor lasers coupled to external cavities 1-29277
- Lau, K.Y., Yariv, A. Nonlinear distortions in the current modulation of non-self-pulsing and weakly self-pulsing GaAs/GaAlAs injection lasers 1-6589
- Lau, K.Y., Yariv, A. Gbit/s rate bipolar pulse modulation of semiconductor injection lasers 1-24440
- Lau, K.Y., Yariv, A. Transverse modal behavior of transverse junction stripe laser excited by short electrical pulse 1-41706
- Lau, L.D. see Courtney, J.C. 1-18898
- Lau, N.H.C. Foundation system of the local control and instrumentation system for MFTF 1-10533
- Lau, S.C., Sparrow, E.M. Average heat transfer coefficients for forced convection on a flat plate with an adiabatic starting length 1-24803
- Lau, S.H. see Ma, R.Y.P. 1-32310
- Lau, S.K. see Andersson, C.A. 1-31366
- Lau, S.K. see Bratton, R.J. 1-31708
- Lau, S.S., Cheung, N.W. Epitaxial growth of the nickel disilicide phase 1-2843
- Lau, S.S., Mayer, J.W., Tseng, W. Solid phase epitaxial growth of Si and Ge 1-47415
- Lau, S.S. see Hung, L.S. 1-38677
- Lau, T.W. see Ramaswami, B. 1-31649
- Lau, T.W.F. see Ramaswami, B. 1-31602
- Lau, Y.C. see Bernecki, T.F. 1-38198
- Lau, Y.Y., Davidson, R.C., Hui, B. Transient amplification of shear Alfvén waves and concomitant development of the gravitational instability 1-6964
- Lau Chi Kwan see Chi Kwan Lau
- Lau Hon Chung see Hon Chung Lau
- Laubach, K. see Euler, K.J. 1-7595
- Laubach, B.L. see Benner, R.E. 1-34578, 1-35056
- Laubereau, A. Ultrafast vibrational relaxation processes of polyatomic molecules, investigated by picosecond light pulses 1-33768
- Laubereau, A., Kaiser, W. Coherent picosecond interactions 1-51562
- Laubereau, A. see Kaiser, W. 1-15228
- Laubert, R., Hult, S., Breinig, M., Liljebj, L., Elston, S., Thoe, R.S., Sellin, I.A. Convoy electrons from solids in coincidence with emergent projectile charge state 1-47124
- Laubert, R. see Breinig, M. 1-29113
- Laubert, R. see Elston, S.B. 1-37347
- Laubert, R. see Lapicki, G. 1-15000
- Laubschat, C. see Schneider, W.D. 1-53052
- Laubschat, C. see Schneider, W.D. 1-43247
- Laubscher, T. see Guntherodt, H.J. 1-25619
- Laud, B.B., Kulkarni, V.V. Photo- and electroluminescence of SrS:Cu, Yb phosphors 1-3476
- Laud, B.B., Kulkarni, V.V. Photoluminescence of alkaline earth sulphide phosphors activated with Cu and Er 1-39133
- Laudate, A. see Ogura, K. 1-17543
- Laudé, J.P. see Maystre, D. 1-6563
- Laudé, L.D., Wautelet, M. Optical absorption of solids under laser irradiation 1-15212
- Lauder, L.D. see Wautelet, M. 1-12060
- Lauder, I. see de Berg, K.C. 1-7363
- Lauderdale, J.G. see McCurdy, C.W. 1-1065
- Laudiero, F. A discrete model for dynamic analysis of ideal fibre-reinforced rigid plastic beams 1-15414
- Laudise, R.A. see Kolb, E.D. 1-2630, 1-16676, 1-35157
- Lauer, E.J. see Cook, E.G. 1-23876
- Lauer, H.V., Jr. see Morris, R.V. 1-4805
- Lauer, H.V., Jr. see Schreiber, H.D. 1-40096
- Lauer, S., Marathe, V.R., Trautwein, A.X. Coupled Hartree-Fock method for calculating Sternheimer shielding 1-19025
- Laufer, A.H. see Klais, O. 1-6228
- Laufer, B. see Mayer, I. 1-29994
- Laufer, E.E. see Mitchell, C.M. 1-11967
- Laufer, G., Huneke, J.T., Royce, B.S.H., Teng, Y.C. Elimination of dispersion-induced distortion in infrared absorption spectra by use of photoacoustic spectroscopy 1-12483
- Laufer, G., Schaff, T.F., Huneke, J.T. Surface enhanced Raman scattering from cyanide adsorbed on copper 1-8055
- Laufer, G. see Miles, R. 1-11010
- Laufer, P.M., Pollak, F.H., Nahory, R.E., Pollack, M.A. Electroreflectance investigation of $\text{In}_{1-x}\text{Ga}_x\text{As}_{1-y}\text{P}_y$ lattice-matched to InP 1-21172
- Laug, O.B. Constriction resistance measuring system for residential branch circuit connections 1-303
- Lauger, K. see Strobel, B. 1-30477
- Laughlin, D.E. see Bhedwar, H.C. 1-8474
- Laughlin, D.E. see Krepski, R.P. 1-12932
- Laughlin, D.E. see Nesbit, L.A. 1-35258
- Laughlin, D.H., Wilmsen, C.W. An improved anodic oxide insulator for InP metal-insulated-semiconductor field-effect transistors 1-38851
- Laughlin, G.J. see Field, R.A. 1-21794
- Laughlin, M.H., Witt, W.M., Whittaker, R.N., Jr. Renal blood flow in miniature swine during $+G_z$ stress and anti-G suit inflation 1-27011
- Laughlin, M.H., Witt, W.M., Whittaker, R.N., Jones, E.F. Coronary blood flow in conscious miniature swine during $+G_z$ acceleration stress 1-22141
- Laughlin, R.B. Optical absorption edge of SiO_2 1-12525
- Laughlin, T.J., Taylor, J.H. The effects of X-rays on DNA synthesis in synchronized Chinese hamster ovary cells 1-8925
- Laughton, M.A. see Clifford, J.S. 1-35617
- Laugier, A. see Chaussemy, G. 1-25486
- Laugier, A. see Henry, Y. 1-52115
- Laugier, J.P. see Calvetti, M. 1-14778
- Laugier, M. Measurement of the intrinsic stress in thin films of silver by a new cantilevered plate technique 1-34402
- Laugier, M. Determination of Young's modulus in vacuum-evaporated thin films of aluminium and silver 1-38697
- Laugier, M. Unusual adhesion-aging behaviour in ZnS thin films 1-38698
- Laugier, M. The development of the scratch test technique for the determination of the adhesion of coatings 1-42662
- Laugier, S. see Figueire, P. 1-36672
- Laugnie, P. see Conard, J. 1-38992, 1-42363
- Laubakangas, R. see Katajaneimo, R. 1-5681
- Laikli, E. see Mair, I.W.S. 1-26912
- Laulich, L., Raizman, A., Suss, J. Positions of hydrogen impurities in BaTiO_3 crystals [IR absorption study] 1-26185
- Launer, H.W. see Mallory, M.L. 1-23897
- Launay, F. see Larzilliere, M. 1-24165
- Launay, F. see Le Floch, A.C. 1-6239
- Launay, J.C., Miroglio, J., Roux, B. Contribution to the study of natural convection in a sealed tube for growing of single crystals by gas phase transport 1-11704
- Launay, J.M. see Brechignac, P. 1-29084
- Launay, J.M. see Chambaud, G. 1-10835
- Lauder, B.E. Reynolds stress closures—status and prospects 1-1937
- Lauder, B.E. see Cheng, C.C. 1-42053
- Lauder, B.E. see El Tahry, S. 1-33950
- Launey, J. see Murray, H. 1-17199
- Launois, H. see Theye, M.-L. 1-35118
- Launspach, J., Bayer, C., Billon, D., Rocchiccioli, J.L., Decroisette, M. A study of exploding-pusher laser-induced implosions using X-ray backlighting 1-46904
- Laupheimer, A., Frank, W. Surface misfit dislocations in alloys and their significance for the understanding of stress corrosion cracking and of related phenomena. I. Transmission-electron-microscopy observations of surface misfit dislocations in CuAu alloys 1-4004
- Laupretre, F., Monnerie, L., Fayolle, B. Conformational energies of para-aromatic and aryl-aliphatic polyamides: relation to mesogenic character in solution 1-51327
- Lauque, J.-P. see Jones, M. 1-36061
- Laura, P.A.A. Comments on 'Dynamic response of blast loaded prestressed flat plates' [by T.L. Cost, H.W. Jones] 1-1862
- Laura, P.A.A. Comments on 'An approximate expression for the fundamental frequency of a limaçon-shaped membrane' 1-19620
- Laura, P.A.A., Gutierrez, R.H., Dhotarad, M.S., Ganesan, N. Comments on 'Vibration analysis of a rectangular plate subjected to a thermal gradient' [and reply] 1-19619
- Laura, P.A.A., Gutierrez, R.H., Sarmiento, G.S. Comparison of variational and finite element solutions of Helmholtz's equation 1-11337
- Laura, R. see Castagnino, M. 1-36798
- Laurance, R.J. Optical instruments in space 1-27380
- Laurelli, P. see Tomas, A. 1-25241
- Laurelli, P. see Antreasyan, D. 1-10287
- Laurence, P.R., Thomson, C. A theoretical investigation of the preferred conformations of glutathione and its constituent amino acid residues 1-45854
- Laurendeau, N.M. see Lucht, R.P. 1-10768
- Laurensen, G.S. see Boyd, A.S.F. 1-46142
- Laurensen, L. Vacuum fluids 1-5334
- Laurent, C. see Bruston, P. 1-54574
- Laurent, C. see Ferlet, R. 1-44604
- Laurent, C. see Prevot, L. 1-13846
- Laurent, D. see Lorino, H. 1-13332
- Laurent, J. see Chliapnikov, P.V. 1-36886
- Laurent, J. see Saudraix, J. 1-5666
- Laurent, J.-P. see Arrizabalaga, Ph. 1-28994
- Laurent, T.C. see Preston, B.N. 1-2310
- Laurenzi, B.J. Isoelectronic molecules—the fourteen electron species of diatomics 1-46160
- Lauret, P. see Lecoeuve, J.M. 1-28558
- Lauriat, G. A numerical study of a thermal insulation enclosure: influence of the radiative heat transfer 1-1983
- Laurich, B. see Forchel, A. 1-47490, 1-47495
- Laurig, W., Smolka, R. Development of a portable storage device and an output unit for digital data collection of electrical muscular activity in industrial medicine and work physiology 1-35894
- Laurinavicius, A.K. see Knishevskaya, L.V. 1-20792
- Lauritzen, S. see Eriksrud, M. 1-19441
- Laursen, I. see Als-Nielsen, J. 1-7866
- Laursen, I. see Beauvillain, P. 1-7851
- Laursen, M. see Bohr, H. 1-507
- Laursen, M.L., Samuel, M.A., Ray, A.K. More corrections to the sixth-order anomalous magnetic moment of the muon 1-10215
- Laursen, T. see Besenbacher, F. 1-25305
- Laursen, T. see Moller, W. 1-25306
- Lautenschlager, H.G., Cooke, C.M. Bundled conductors in gas-insulated high voltage power transmission cables 1-37769
- Lauter, H. see Buttler, W. 1-2528
- Lauter, H.J. see Jayasooriya, U.A. 1-52954
- Lauter, H.J. see Wiechert, H. 1-38605
- Lauterbach, C. see Trautman, W. 1-45489
- Lauterborn, W. see Haussmann, G. 1-10938, 1-15101
- Lautermilch, H. see Winsch, I.O. 1-23828
- Lauthier, M. see Anxolabehere, D. 1-36475
- Lautrup, B., Nauenberg, M. Correlations and specific heat of the $\text{SU}(2)$ lattice gauge model 1-23416
- Lautsch, M. see Koch, A.S. 1-48973
- Lauwers, P. see Frisson, L. 1-32011
- Laux, M. see Chichevov, V.M. 1-25028
- Laux, M. see Hildebrandt, D. 1-26783
- Laux, M. see Hildebrandt, D. 1-42214
- Lavagnini, A. see Guerrini, A. 1-17159, 1-17165
- LaVail, M.M. Interaction of environmental light and eye pigmentation with inherited retinal degenerations 1-35779
- Laval, G., Pesme, D. Breakdown of quasilinear approximation for incoherent 1-D Langmuir waves 1-34069
- Laval, G. see Adam, J.C. 1-51940
- Laval, H. see Donea, J. 1-19718
- Laval, J.P., Frit, B. Structural study of partially disordered non-stoichiometric phase $\text{Ba}_{4-x}\text{Zr}_{x/2}\text{F}_{16}(\text{O} \leq x \leq 0.232)$ 1-15848
- Laval, R., Labasque, Y. Model for second propagation in shallow depths of water 1-24579
- Lavallee, P. A safer procedure to handle semiconductor devices in SEM examination 1-5437
- Lavalle, J.-C. see Saur, O. 1-51194
- Lavan, Z., Gidaspow, D., Onischak, M., Chaturvedi, S., Mathiprakasham, B., Perkari, S. Development of a solar desiccant dehumidifier 1-17283
- Lavdas, C.H. see Judd, R.L. 1-37925
- Lavee, H. see Yair, A. 1-13491
- Laverdet, G. see Jourdain, J.-L. 1-53415
- Lavergnat, J., Dechambre, M., Pellat, R., Kushnerevsky, Yu.V., Pulinets, S.A. Waves observed by the Araks experiments: generalities 1-44367
- Lavergnat, J., Le Queau, D., Pellat, R., Roux, A. Nonlinear mechanism for the production of the low frequency electrostatic waves 1-44383
- Lavergnat, J. see Cambou, F. 1-44403
- Lavergnat, J. see Dechambre, M. 1-44368, 1-44369, 1-44370
- Laverick, C. see Hsieh, S.Y. 1-37014, 1-45736
- Laverriere, R. Relativistic shock wave in a fluid 1-2103
- Lavery, R., de Oliveira, M., Pullman, B. The electrostatic potential of yeast tRNA^{Phe} II. The potentials of the phosphate groups in their various conformational states 1-19155
- Lavery, R., Pullman, A., Pullman, B. The electrostatic molecular potential of yeast tRNA^{Phe} III. The molecular potential and the steric accessibility associated with the phosphate groups 1-51261
- Lavery, R., Pullman, B. The molecular electrostatic potential of the B-DNA helix. IV. C₃ and Amino sites of purines and the binding of carcinogenic acetylaminofluorene to DNA 1-4247
- Lavery, R. see Cauchy, D. 1-51330
- Lavi, A. Ocean thermal energy conversion: a general introduction 1-8733
- Lavi, A. OTEC power system modeling, analysis and design via geometric programming 1-43799
- Lavi, A., Jopling, D.G. Introducing OTEC to mainland utilities 1-8741
- Lavi, G.H. Issues in OTEC commercialization 1-8740
- Lavi, N. Reactor thermal neutron flux monitoring with rhenium foils at high temperature in on-line isotope separation 1-23862
- Lavi, S. see Tenenbaum, J. 1-51546
- Lavie, Y. see Horwitz, L.P. 1-5541
- Lavigne, R.J. see Filippone, W.L. 1-45739
- LaVilla, R.E., Mehlman, G., Saloman, E.B. Double electronic excitations in sodium above the 2s threshold 1-28903
- Laville, J.L. see Bini, M. 1-14541
- Laville, J.L. see Bizard, G. 1-5784
- Lavison, P. see Duboussin, B. 1-23786
- Lavollee, M. see Dutuit, O. 1-6274
- Lavrenchenko, G.K., Trotsenko, A.V. Analysing the thermodynamic efficiency of the Linde cycle operating on mixed working fluids 1-5322
- Laurence, B.B. see Copie, M. 1-14131
- Laurentev, A.V. see Fedoseev, D.V. 1-43662
- Laurentev, B.V. Selection of test mode with a superposed transducer in magnetic-noise structure measurements 1-28041

- Lawrence, F.F.** The type of dislocation interaction as the factor determining work hardening 1-31482
- Lawrence, F.F., Lukac, P.** The effect of deformation and forest dislocations density on the activation volume in zinc single crystals 1-30226
- Lawrence, F.F., Pokhil, Yu.A., Sokolsky, S.V.** Electron-microscopic investigation of low temperature work hardening of Mg single crystals 1-16803
- Lawrence, F.F., Salita, O.P., Shutyayev, P.D.** Basal dislocation density dependence of the deforming stress in Zn crystals in the temperature range from 1.5 to 300K 1-16852
- Lawrent'ev, F.F.** see Batrak, A.G. 1-30715
- Lawrent'ev, F.F.** see Gektina, I.V. 1-30231
- Lawrent'ev, F.F.** see Medvedev, E.M. 1-26574
- Lawrent'ev, G.Ya.** see Bakulina, I.N. 1-13844
- Lawrent'ev, I.V.** Distribution of induced electromagnetic fields in an MHD channel with electrodes and its integral characteristics. I 1-2095
- Lawrent'ev, O.A.** see Azovskii, Yu.S. 1-2224
- Lawrent'ev, V.V.** see Popov, V.Ya. 1-45038
- Lawrent'ev, Yu.G., Berdichevskii, G.V., Chernyavskii, L.I.** Model of effective depth in X-ray spectral microanalysis 1-21803
- Lawrent'eva, L.G.** Kinetics and growth mechanism of gallium arsenide crystals in gas-phase epitaxy 1-26375
- Lawrentieva, L.G., Iyonin, I.V., Krasilnikova, L.M., Vilisova, M.D.** Formation of submicron growth defects during vapour deposition of GaAs films 1-20591
- Lavrik, N.L.** see Sorokin, N.I. 1-43681
- Lavrin, A.** see Molnar, F. 1-12720
- Lavrinenko, I.P.** see Gogishvili, O.S. 1-20411
- Lavrinenko, N.M., Prikhod'ko, V.I.** Conductivity of the antiferromagnetic metals with paramagnetic impurities 1-52544
- Lavrinovich, B.M.** Properties of mirror lightguides 1-29402
- Lavrishev, S.V.** see Aleksandrov, V.I. 1-38400
- Lavrov, A.V., Bykanova, T.A.** Thermal dehydration of neutral nickel pyrophosphate crystal hydrates 1-8549
- Lavrov, A.V.** see Gorbunova, Yu.E. 1-20164
- Lavrov, A.V.** see Gutan, V.B. 1-35094
- Lavrov, A.V.** see Linde, S.A. 1-20163
- Lavrov, A.V.** see Zorina, L.N. 1-39137
- Lavrov, B.P.** Determination of the gas temperature of a low-pressure plasma from the intensities of the H₂ and D₂ molecular bands. Relationship between the intensity distribution in a band and the gas temperature 1-34044
- Lavrov, N.N.** see Georgobiani, A.N. 1-47105
- Lavrov, N.N.** see Vysukob, V.P. 1-46919
- Lavrov, P.M.** see Bagrov, V.G. 1-40941
- Lavrov, S.A.** see Galiasarov, Sh.A. 1-14111
- Lavrov, V.M., Gochitashvili, M.R., Ankudinov, V.A., Kikiani, B.I.** Role of intermediate states in the vibrational excitation of the B²_{Σ⁺} (v'=0, 1, 2) state of the N₂⁺ ion in collisions of ions with N₂ molecules 1-29110
- Lavrov, V.N.** see Elishev, P.G. 1-51637
- Lavrova, Ye.V.** see Gayvoronkaya, T.V. 1-4686
- Lavrukhina, A.K., Ustinova, G.K., Gorin, V.D.** Solar-latitude variations in galactic cosmic radiation on the basis of radioactivity data from the Innisfree chondrite 1-36122
- Law, B.M., Beaglehole, D.** Model calculations of the ellipsometric properties of inhomogeneous dielectric surfaces 1-43084
- Law, C.K.** see Chu, F.Y. 1-11630, 1-15686, 1-38166
- Law, D.** see Lee, E.P.F. 1-46021
- Law, H.D., Chin, R., Nakano, K., Milano, R.A.** The GaAlAsSb quaternary and GaAlSb ternary alloys and their application to infrared detectors 1-48280
- Law, H.D.** see Chin, R. 1-12189, 1-52347
- Law, J.** see Thomas, D. 1-49131
- Law, K.Y.** Fluorescence probe for microenvironments: anomalous viscosity dependence of the fluorescence quantum yield of p-N,N'-dialkylaminobenzylidenemalononitrile in 1-alkanols 1-14951
- Law, L.K., Auld, D.R., Booker, J.R.** A geomagnetic variation anomaly coincident with the Cascade volcanic belt 1-22214
- Law, L.K.** see Dragert, H. 1-44098
- Law, M.P.** see Field, S.B. 1-53763
- Law, R.J.** see Blackman, R.A.A. 1-4541
- Law, W.K.** see Carstensen, E.L. 1-33846
- Lawaetz, P., Proctor, W.G.** Kinetics of bound electrons in Si:P 1-47664
- Lawaude, S.V.** see Puri, R.R. 1-15132
- Lawaydy, N.M.** Use of the Stark effect on optically pumped molecular lasers to measure collisional linewidths 1-19324
- Lawaydy, N.M.** Collisional processes in optically pumped laser gases 1-46318
- Lawaydy, N.M., Koepf, G.A.** Double-resonance study of vibrational equilibration in optically pumped laser molecules 1-41670
- Lawaydy, N.M.** see Robinson, D.W. 1-46320
- Lawden, M.D., Pearce, D.** Making the VICAR image processing system portable 1-27395
- Lawin, H.** see Kawade, K. 1-23601, 1-28385
- Lawin, H.** see Wolf, A. 1-18560
- Lawitzky, G.** Newtonian analogs of Szekeres' space-times 1-44797
- Lawler, J.E.** Experimental and theoretical investigation of the optogalvanic effect in the helium positive column 1-2274
- Lawler, J.E.** Experimental and theoretical investigation of the optogalvanic effect in the helium positive column 1-38151
- Lawler, J.E.** see Couillaud, B. 1-24462
- Lawler, J.E.** see Goldsmith, J.E.M. 1-50226
- Lawler, R.G., Barbara, P.F.** Practical aspects of quantitative CIDNP using FT NMR 1-14152
- Lawless, G.W.** High temperature dielectric study of epoxy resins 1-43056
- Lawless, W.N.** Evidence for tunneling states in the oxygen conductor ZrO₂:Y₂O₃ 1-11881
- Lawless, W.N.** Addendum heat capacity of a glass-ceramic capacitance thermometer at low temperatures 1-23235
- Lawless, W.N.** Thermal properties of small Pb spheres at low temperatures 1-30877
- Lawless, W.N.** Specific heat of nichrome, 2-30K 1-42546
- Lawless, W.N.** Origin of the T^{3/2} specific-heat term in triglycine sulfate at low temperatures 1-52312
- Lawless, W.N., Glass, A.M.** Ferroelectric glasses: a discussion of definitions and criteria 1-26136
- Lawley, K.P.** see Fluendy, M.A.D. 1-41471
- Lawlor, I., Vasudevan, K., Grein, F.** Bond functions and 3d polarization functions for fluorine bonded molecules 1-6134
- Lawn, B.R., Evans, A.G., Marshall, D.B.** Elastic/plastic indentation damage in ceramics: The median/radial crack system 1-26601
- Lawn, B.R., Hockey, B.J., Wiederhorn, S.M.** Thermal effects in sharp-pointed contact 1-3831
- Lawn, B.R., Marshall, D.B., Chantikul, P., Anstis, G.R.** Indentation fracture: applications in the assessment of strength of ceramics 1-43624
- Lawn, B.R.** see Marshall, D.B. 1-26600
- Lawrance, R.J.** see Sedlak, J.M. 1-43669
- Lawrance, W.D., Knight, A.E.W., Gilbert, R.G., King, K.D.** Thermal unimolecular reactions in the fall-off regime: a master equation analysis 1-17031
- Lawrence, A., Burgess, M.** Measurement of traffic noise shielding provided by buildings 1-1759
- Lawrence, A.** see Griffiths, R.E. 1-13885
- Lawrence, A.** see Lewis, W. 1-36192
- Lawrence, C.C.** Triaxial fatigue testing machine for polymeric materials 1-21677
- Lawrence, G.N.** Correcting inherent aberrations in the grating rhomb beam sampler: comment 1-11081
- Lawrence, J.K.** Gravitational lenses and the double quasar 1-22678
- Lawrence, J.M., Shapiro, S.M.** Magnetic ordering in the presence of fast spin fluctuations: A neutron scattering study of CeIn₃ 1-20960
- Lawrence, L.A., Jost, J.W.** Fuel-cladding chemical interaction in mixed-oxide fuel at high burnup 1-45615
- Lawrence, L.A.** see Hales, J.W. 1-45612
- Lawrence, L.A.J.** see Bainbridge, A. 1-28587
- Lawrence, M.C., Robertson, G.N.** The temperature and pressure dependence of the proton tunnelling frequency in KPD 1-35024
- Lawrence, M.J.** Doe's spent fuel program 1-18835
- Lawrence, M.J.** A fibre optic ring illumination system for use in low-powered dark field (including Rheinberg method) video, cine and photomicrography 1-23305
- Lawrence, P.L.** see Bourne, J.R. 1-22147
- Lawrence, R.D., Dorning, J.J.** A nodal Green's function method for multidimensional neutron diffusion calculations 1-5833
- Lawrence, R.S.** see Hill, R.J. 1-17689
- Lawrence, R.S.** see Mu-King Tsay 1-44262
- Lawrence, R.S.** see Ting-i Wang 1-13585
- Lawrence, V.F.** see Hinckley, S. 1-42422
- Lawrence, W.St.** see St. Lawrence, W.
- Lawson, A.C.** see Houghton, J.S. 1-38878
- Lawson, J.D., Swayne, D.A.** High-order near best uniform approximations to the solution of heat conduction problems 1-19544
- Lawson, J.E.** Wide bandwidth phase monitor for PLT RF heating 1-925
- Lawson, M.B.** Inhibition of corrosion of mild steel in sulfuric acid by thiourea and derivatives 1-39515
- Lawson, P.** see Smith, T. 1-24589
- Lawson, R.D.** see Korzekwa, D.A. 1-12818
- Lawson, R.D.** see Lindgren, R.A. 1-50589
- Lawson, R.I.** see Jones, C.B. 1-46955
- Lawther, J.M.** see Attenborough, K. 1-15306
- Lawton, J., Ruff, H.** Holographic disc diffraction efficiency tester 1-46263
- Lawton, W.** A numerical algorithm for 2-D wave-front reconstruction from intensity measurements in a single plane 1-51386
- Lawwill, T., Crockett, R.S., Currier, G., Rosenberg, R.B.** Review of the macaque model of light damage with implications for the use of ophthalmic instrumentation 1-35819
- Lax, B.** see Panock, R. 1-1180, 1-1181
- Lax, B.** see Rosenbluh, M. 1-41335
- Lax, I., Braham, A.** Collimation of high energy electron beams 1-49096
- Lax, M., Narayanamurti, V.** Phonon magnification in GaAs 1-15980
- Lax, M., Narayanamurti, V.** Phonon magnification and the Gaussian curvature of the slowness surface in anisotropic media: Detector shape effects with application to GaAs 1-25389
- Lax, M., Narayanamurti, V.** The screened electron phonon interaction in degenerate semiconductors 1-47507
- Laxmanan, V., Flemings, M.C.** Deformation of semi-solid Sn-15 pct Pb alloy 1-43439
- Laxton, R.R.** see Harvey, P.K. 1-49254
- Lay, G.** see Le Lay, G.
- Lay-Keow Ng** see Rice, J. 1-12566
- Lay-Nam Chang, Ngee-Pong Chang** Structure of the vacuum and neutron and neutrino oscillations 1-14297
- Layas, M.M.** see Goyal, S.C. 1-15945
- Laybourn, P.J.R.** see Stewart, G. 1-41888
- Laybourn, P.J.R.** see Yi-Yan, A. 1-15284
- Layer, E.** see Tabakowski, P. 1-23150
- Layer, H.P.** A portable iodine stabilized helium-neon laser 1-36614
- Layland, M.W.** see Brown, M. 1-28564
- Layman, L.R.** see McEvers, J.A. 1-18759
- Layman, R.W.** see Felch, K.L. 1-10951
- Laymon, R.** Independent testability: the Michelson-Morley and Kennedy-Thorndike experiments 1-9833
- Layne, T.** see McKinley, W.A. 1-13048
- Layton, W.L., Husseiny, A.A.** Management of nuclear power plants 1-23808
- Layzer, D.** see Burbidge, G. (editor) 1-9785
- Lazar, C.** see Lazar, E. 1-44107
- Lazar, E., Lazar, C.** Contributions to the explaining of the induced polarisation negative anomalies 1-44107
- Lazar, K.** see Foldeaki, M. 1-52809
- Lazareff, B.** see Chiez, J.P. 1-32740
- Lazarenko, M.A.** see Kharchenko, G.E. 1-27084
- Lazarenko, V.P.** see Bosin, M.E. 1-2470
- Lazarescu, M.F.** see Logofatu, M.A. 1-34738
- Lazareth, O.** see Fillo, J.A. 1-50944
- Lazareth, O.W.** see Horn, F.L. 1-41238
- Lazarev, A.N., Shchegolev, B.F., Ignat'ev, I.S., Tenisheva, T.F.** Correlation between the empirical force constants of the Si-O bonds and their electron structure from MO LCAO calculations 1-41520
- Lazarev, B.G., Pan, V.M.** On perspectives of increasing superconductor critical parameters 1-3124
- Lazarev, B.V.** see Kanishcheva, A.S. 1-30189
- Lazarev, E.M., Korotkov, N.A., Krintchik, G.S., Nikitin, L.V., Bondarenko, G.G., Feditchkin, G.M.** Investigation of ferromagnetic phase precipitation on the surface of some constructional materials for thermonuclear reactors 1-35259
- Lazarev, E.M., Osipov, K.A., Korotkov, N.A., Kul'bachevskaya, E.V.** Use of electron Auger spectroscopy to investigate the composition of thin Pb_{1-x}Sn_xTe films 1-42645
- Lazarev, E.M.** see Krinichik, G.S. 1-41231
- Lazarev, G.L.** I-V relationship for the Cu₂S/CdS solar cell 1-4176
- Lazarev, K.P.** see Gusev, V.N. 1-7886
- Lazarev, S.A.** see Galper, A.M. 1-17769
- Lazarev, V.B., Shevchenko, V.Ya., Marenkin, S.F.** Physicochemical properties and applications of semiconducting A^{III}B^V compounds 1-15872
- Lazarev, V.B., Tishchenko, E.A., Satsenip, V.G.** Amplitude-phase field visualization method and its use for submillimeter plasma diagnostics 1-25067
- Lazarev, V.B.** see Alikhanyan, A.S. 1-38041
- Lazarev, V.B.** see Marenkin, S.F. 1-3617
- Lazarev, V.B.** see Zhdanov, K.A. 1-46925
- Lazarev, V.M.** see Gorbachev, I.P. 1-22585
- Lazarev, Yu.A.** see Kryukov, P.G. 1-4248, 1-35752
- Lazareva, L.E.** see Gurevich, G.M. 1-28463
- Lazareva, L.F., Rudnevskii, A.N.** Investigation of the effect of alkali elements on the intensity of magnesium lines excited in a discharge with a hollow cathode, with the application of a magnetic field 1-1174
- Lazarevic, B.J.** see Popov, K.I. 1-43673
- Lazarevskii, E.V., Kubasova, L.V., Chudinova, N.N., Tananaev, I.V.** Preparation and investigation of Y, Cu, Co, Ni, Cd, and Mn hexametaphosphates 1-39257
- Lazarides, G.** see Borgogno, J.P. 1-37637
- Lazarides, C., Hampson, N.A., Bulman, G.M.** The mechanism of the formation of positive battery plates from pure lead. I. Cyclic voltammetry 1-53577
- Lazarides, G., Magg, M., Shafi, Q.** Phase transitions and magnetic monopoles in $SO(10)$ 1-18411
- Lazarides, G., Shafi, Q.** Neutrino masses in $SU(5)$ 1-50360
- Lazarides, G., Shafi, Q., Walsh, T.F.** Superheavy magnetic monopole hunt 1-50365
- Lazarides, G.** see Kennedy, A. 1-40584

- Lazarini, F.** Sodium hexabromobismuthate(III) decabromodibismuthate(III) 18-hydrate 1-15861
- Lazarini, F., Leban, I.** Octaquastrontium(II) decabromodibismuthate(III) 1-15860
- Lazarov, D.L., Manev, St.G., Slavev, A.G.** Interaction of oxygen with silver, palladium and yttrium alloys 1-8466
- Lazaro, V.B.** see Madzharova, N.A. 1-53507
- Lazuruk, A.M., Rubanov, A.S.** Energy efficiency of the generation of a reversed wavefront in a four-wave interaction of light fields 1-19378
- Lazuruk, A.M., Rubanov, A.S.** Energy efficiency of wavefront reversal in stimulated four-wave parametric scattering 1-51556
- Lazarus, A.J.** see Bonifazi, C. 1-40275
- Lazarus, D.** see Arzigian, J.S. 1-38590
- Lazarus, E.A.** see Milora, S.L. 1-33346
- Lazebnik, D.B., Petrov, A.P., Tseretvintov, S.S.** Interferogram processing by help of a computer 1-19977
- Lazerson, A.G., Solodkiy, V.N., Suchkov, S.G.** Excitation of shear acoustic waves in anisotropic crystals 1-11238
- Lazeyras, P.** see Heijne, E.H.M. 1-28791
- Lazhintsev, B.V.** see Alekhin, B.V. 1-33677
- Lazo, B.** see Jakowski, N. 1-40261
- Lazorenko-Manevich, R.M.** see Marinyuk, V.V. 1-39100
- Lazoryak, B.I., Kalinin, V.B., Stefanovich, S.Yu., Efremov, V.A.** Crystal structure of $\text{Na}_3\text{Sc}_2(\text{PO}_4)_3$ at 60°C 1-20167
- Lazrus, A.L.** see Huebert, B.J. 1-40165, 1-44247
- Lazukin, V.N.** see Terent'evskii, A.N. 1-31021
- Lazurik, V.T.** see Kalichenko, A.I. 1-39662
- Lazutin, E.V.** see Kuznetsov, Yu.V. 1-37031
- Lazzari, M.** see Bonino, F. 1-7396
- Lazzarini, R.** see Bolzan, M. 1-17279
- Lazzarini, A.J.** see Vandenbosch, R. 1-33240, 1-45561
- Lazzaro, E., Orefice, A.** Relativistic dispersion relation for electron Bernstein waves 1-19895
- Lazzaro, E., Ramponi, G.** Coupling conditions for the extraordinary mode with the quasi-electrostatic wave near the second harmonic of the electron-cyclotron frequency 1-38100
- Lazzeretti, P., Zanasi, R., Rossi, E.** A proof of Pitzer's theorem for abelian groups and its application to two-electron integral transformation 1-6123
- Le, D.** see Naik, A. 1-10476
- Le, T.Q.** see van Zyl, B. 1-37302
- Le Bailleur, J.-C.** see Cousteix, J. 1-6849
- Le Bars, J.** see Desportes, H. 1-45791
- Le Bas, J., Protin, L., Dittmar, E., Dubois, D.** Preparation and study of transport properties of $\text{Ni}_x\text{Ag}_{1-x}$ amorphous films 1-30849
- Le Bellac, M.** see Kubar, J. 1-10145
- Le Berre, S.** see Dubois, J.C. 1-46990
- Le Bertre, T., Zellner, B.** Surface texture of Vesta from optical polarimetry 1-22711
- Le Beyec, Y., Della Negra, S., Deprun, C., Vigny, P., Ginot, Y.M.** Mass determination of molecules of biological interest by fast heavy ions induced desorption mass spectrometry 1-27042
- Le Beyec, Y.** see Cabot, C. 1-45546
- Le Bon, A.** Traitements thermomecaniques d'aciers soudables a moyen carbone (Thermomechanical treatment of weldable steels) 1-21495
- Le Bornec, Y.** see Boudard, A. 1-41117
- Le Bourgeois, J.P.** see Marinello, G. 1-9033
- Le Bras, G.** see Jourdain, J.-L. 1-53415
- Le Brun, C.** see Bizard, G. 1-5784
- Le Calve, J.** see Duituit, O. 1-6274
- Le Calve, N.** see Pigenet, C. 1-35032
- Le Comber, P.G., Spear, W.E., Kalbitzer, S., Muller, G., Demond, F.** Ion implantation and hydrogen profiling in amorphous silicon films and p-n junctions 1-52156
- Le Comber, P.G.** see Snell, A.J. 1-52648
- Le Contel, J.-M.** see Sareyan, J.-P. 1-40482
- Le Corre, C.** see Gapais, D. 1-27124
- Le Corre, J.F.** see Lafay, J.F. 1-23271
- Le Cousteur, K.J.** Representation of the function $\text{Tr}(\exp(A-AB))$ as a Laplace transform with positive weight and some matrix inequalities 1-157
- Le Coz, G.** see Tuffin, F. 1-37316, 1-41481
- Le Coze, J.** see Foucault-Villard, M. 1-38592
- Le Crue, V.** LeJay, Y. A sample holder for use between 70K and 1500K 1-27943
- Le Crue, Y.** see Lapujoulade, J. 1-38652, 1-48214
- Le Dang, K., Veillet, P., Nagele, W., Knorr, K.** NMR study of amorphous and crystalline manganese aluminosilicates 1-31052
- Le Denmat, G.** see Bolkowski, C. 1-40568
- Le Doucen, R., Menoux, V., Larvor, M., Haesler, C.** A middle resolution infrared spectrometer corrected for coma 1-10028
- Le Dourneuf, M.** see Johnson, W.R. 1-1188
- Le Dourneuf, M.** see Zeippen, C.J. 1-6215
- Le Du, P.** see Badier, J. 1-10218, 1-10582, 1-14430
- Le Duff, Y.** Depolarised scattering from gaseous molecular hydrogen 1-28983
- Le Fevre, D.M.** see Dupont, J.-F. 1-28571
- Le Fever, H.T.** A Mossbauer study on some low-dimensional magnetic compounds 1-3312
- Le Fevre, J.P.** see Bernas, M. 1-14538
- Le Flem, G.** see Parent, C. 1-16595, 1-34323
- Le Flem, G.** see Salmon, R. 1-20148
- Le Flem, G.** see Vlasse, M. 1-25239
- Le Floch, A., Lenormand, J.M., Jezuquel, G., Le Naour, R.** Spatial-asymmetry distribution of a saturated-absorption peak 1-41790
- Le Floch, A.C., Lebreton, J., Launay, F., Ferran, J., Rostas, J.** Reanalysis of the A-K emission system of ^{11}BF 1-6239
- Le Floch, A.C.** see Magat, P. 1-14862
- Le Fur, Y., Alenard, S., Gorius, M.F., Roux, M.** Crystal structure of the $\beta\text{-K}_2\text{Y}_2\text{F}_7$ phase 1-34320
- Le Gall, A.** see Merkulov, V.S. 1-43101
- Le Gall, H.** see Feldmann, P. 1-26176
- Le Gall, H.** see Guillot, M. 1-30928
- Le Gall, H.** see Picard, J. 1-25990
- Le Gall, H.** see Torfeh, M. 1-51642
- Le Gall, J.** see Graf, B. 1-17475
- Le Grand, Y., El Hage, S.G.** Physiological optics 1-44734
- Le Gressus, C.** see Fontaine, J.M. 1-20266
- Le Gressus, C.** see Ichimura, S. 1-43227
- Le Gressus, C.** see Massignon, D. 1-25561
- Le Gressus, C.** see Pellerin, D. 1-48206
- Le Guen, J.M.M., Rooker, S.J., Vaughan, N.P.** A new technique for the scanning electron microscopy of particles collected on membrane filters 1-26867
- Le Han** see Han Le
- Le Hazif, R.** Plastic deformation of the biphasic system iron-silver. (Elastic limit as a function of concentration) 1-12820
- Le Hericy, J.** see Maury, F. 1-52179
- Le Lay, G.** see Barone, V. 1-7471
- Le May, I.** see Lal, K.M. 1-46705
- Le May, I.** see Valadao de Miranda, P.E. 1-24699
- Le May, I.** see White, W.E. 1-39399
- Le Mouel, J.L.** see Galdeano, A. 1-9073
- Le Mouel, J.-L.** see Van Ngoc, P. 1-54044
- Le Naour, R.** see Le Floch, A. 1-41790
- Le Neindre, B.** see Vidal, D. 1-38042
- Le Noane, G., Crosnier, J.J., Prunier, J.C., Jacques, A., Malsot, C.** Progress in low-loss interconnection system design 1-11159
- Le Noane, G., Nonclercq, B.** Cabling losses and thermal behaviour of loose optical fiber cable structures 1-11164
- le Noble, W.J., Wedinger, R., Schlott, R.** All glass mixing device for reactions under pressures in the 10 kbar range 1-50115
- Le Perche, P.** see Courtieu, J. 1-52851
- Le Quang Rang, Voslamder, D.** Ion broadening on the wings of Lyman- α 1-19084
- Le Queau, D., Pellat, R., Saint-Marc, A.** An investigation of the electrostatic linear instabilities of a radially limited electron beam 1-44382
- Le Queau, D.** see Lavergnat, J. 1-44383
- Le Rebeller, M.-J.** see Saff, N. 1-26982
- Le Rigoleur, C.** Particle bed dryout in sodium 1-5865
- le Rigoleur, C.** see Cassoudeale, G. 1-5877
- Le Rigoleur, C.** see Kayser, G. 1-5891
- Le Roux, A.-Y.** Numerical stability of nonlinear ocean models 1-14018
- Le Roux, G.** see Boudou, A. 1-3405
- Le Roux, P.L.M., Shackleton, D., Wulff, A.** Revised cobalt-60 depth dose data 1-22134
- Le Roux, Y.M.** Forecasting short term ionospheric characteristics by predictive mathematical modelling 1-44362
- Le Rouzo, H.** Axial Gaussian-lobe orbitals: optimization of highly angularly dependent functions 1-51089
- Le Roy, J., Moreau, J.M., Paccard, D.** Rare-earth-iridium compounds with Pu_2Rh_3 and Y_2Rh_3 structure types: members of a new structural series with formula $\text{R}_{n+6}\text{T}_{3n+5}$ 1-34289
- Le Roy, R.J.** Theory of deviations from the limiting near-dissociation behavior of diatomic molecules 1-29075
- Le Sergeant D'Hendecourt, L.B., Lamy, P.L.** On the size distribution and physical properties of interplanetary dust grains 1-44492
- Le Sergent, C.** see Boniort, J.Y. 1-11126
- Le Shou-Hong** see Zhang Shou-Oing 1-3609
- Le Si Dang** see Scott, J.F. 1-48048
- Le Si Dang** see Watkins, G.D. 1-47977
- Le Thang Thai** see Thai Le Thang
- Le Tiran, E.** see Bourget, P. 1-42405
- Le Toullec, R., Piccoli, N., Chervin, J.C.** Optical properties of the band-edge exciton in GaSe crystals at 10K 1-35002
- Le Toullec, R.** see Hy Hau, N. 1-47584
- Le Toulouzan, J.N.** see Schwebel, O. 1-42118
- Le Van Koli** see Augustyniak, W. 1-45425
- Le Vine, D.M.** The spectrum of radiation from lightning 1-17681
- Le Yaouanc, A.** see Gavela, M.B. 1-33142, 1-33164
- Le-Chi Niemi** see Salahub, D.R. 1-16188
- Le-Cong Phung** see Phung Le-Cong
- Le-Hiep, T., Kersten, R.T.** The measurement of fiber properties over a wavelength range of 0.85 microns to 1.7 microns 1-19450
- Le-hui Zhang** see Zhang Le-hui
- Le-Nguon-Dai** see Jadin, V. 1-18189
- Le-Ngok-Li** see Laikhtman, D.L. 1-49278
- Le-zhu Zhou** see Zhou Le-zhu
- Lea, C., Seah, M.P.** Optimized depth resolution in ion-sputtered and lapped compositional profiles with Auger electron 1-31246
- Lea, C.** see Hondros, E.D. 1-48578
- Lea, M.J.** see Tokumoto, H. 1-12131
- Lea, S.M.** see Primini, F.A. 1-49830
- Leach, K.G.** see Williams, R.J. 1-53860
- Leach, M.F.** see Boileau, P.E. 1-44913
- Leach, R.D.** see Tonge, K.A. 1-49101
- Leach, S., Dujardin, G., Taieb, G.** Radiationless transitions in gas phase molecular ions 1-19130
- Leach, S.** see Dujardin, G. 1-37236
- Leach, W.M.** see Sulek, K. 1-8912
- Leacock, A.** see Clifton, M. 1-36524
- Leacock, R.J.** see Pica, A.J. 1-22911
- Leadbeater, A.J.** see Daniel, M.F. 1-20585
- Leadbeater, A.J., Mazid, M.A., Malik, K.M.A.** The crystal and molecular structure of isobutyl 4-(4-phenylbenzylidenenamino) cinnamate (IBP-BAC) and the crystal smectic E transition 1-2411
- Leadbeater, A.J.** see Brownsey, G.J. 1-46995
- Leader, J.C.** Similarities and distinctions between coherence theory relations and laser scattering phenomena 1-1499
- Leaderer, B.P.** see Lioy, P.J. 1-53725
- Leadon, R.E.** see Treadaway, M.J. 1-34138
- Leaf, G.** see Chawla, T.C. 1-42011
- Leake, J.A.** see Greer, A.L. 1-11685
- Leake, J.W.** Spherical dose equivalent neutron detector type 0075. A recommendation for change in sensitivity 1-23863
- Leal, L.G.** see Chan, P.C.-H. 1-29738
- Leal, L.G.** see Fuller, G.G. 1-11481
- Leal Ferreira, G.F.** see Zelaya-Angel, O. 1-48034
- Leamy, H.J., Doherty, C.J.** Nucleation-controlled overgrowth of silicon on silica 1-39251
- Leamy, H.J.L.** see Chen, H.S. 1-39279
- Leann, E.G.** GaAs laser array and fiber-optic detector array for disc application 1-46371
- Leann, E.G.** see Chen, W.H. 1-1686, 1-37734, 1-51671
- Leander, G.** see Aberg, S. 1-50489
- Leander, G.** see Almbarger, J. 1-624
- Leander, G.** see Ragnarsson, I. 1-615
- Leandre, J.** see Zakharia, M. 1-24605
- Leaning, M.S., Finkelstein, L.** A probabilistic treatment of measurement uncertainty in the formal theory of measurement 1-23145
- Leapman, R.D.** see Grunes, L.A. 1-21308
- Learn, J.** see Rink, J. 1-48866
- Learned, J.** see Gunderson, B. 1-45339
- Leary, C.A.** Temperature and humidity profiles in mesoscale unsaturated downdrafts 1-17663
- Leary, H.J., Jr., Campbell, D.S.** Surface analysis of aromatic polyimide films using ESCA 1-8638
- Leasure, S.C., Wyatt, R.E.** Sudden rotation approximation for nonresonant transitions in an intense laser field 1-24106
- Leaver, K.D.** see Lim, G.C. 1-7744
- Leavitt, J.** see Bashkin, S. 1-45882
- Leavitt, J.A.** see Dietrich, D.D. 1-1413
- Leavitt, R.P.** Pressure broadening and shifting in microwave and infrared spectra of molecules of arbitrary symmetry: an irreducible tensor approach 1-28956
- Leavitt, R.P.** see Morrison, C.A. 1-30688, 1-38752, 1-51834
- Leban, I.** see Lazarini, F. 1-15860
- Lebda, N.** see Shin-Tsu Lu 1-22064
- Lebeau, G.** Diffraction of a wave packet in an anti-channel 1-24558
- Lebeck, B., Clausen, K., Vogt, O.** First order transitions and the magnetic phase diagram of CsB 1-20983
- Lebeck, B.** see Christensen, A.N. 1-42345
- Lebeck, J.** see Bak, C. 1-49021
- Lebeck, J.** see Elberling, C. 1-26918
- Lebeck, J.** see Gasparov, V.A. 1-30339
- Lebeck, A.O.** see Teale, J. 1-43540
- Lebed', B.M., Marchik, I.I.** Principles of construction of crystal coordinate detectors for nuclear radiation 1-6100
- Lebedev, A.A., Ginyak, F.F., Bashta, V.V., Kharchenko, V.K., Semirog-Orlik, V.N., Novogrudskii, L.S.** Study of the mechanical properties of a molybdenum alloy with a plane stress condition at low temperature 1-31623
- Lebedev, A.A., Manzel, M., Ecke, W.** Investigation of the degree of occupancy of deep centers in double-injection diodes at different injection rates 1-20864
- Lebedev, A.A.** see Antipov, Yu.M. 1-5663, 1-45376
- Lebedev, A.A.** see Bagraev, N.T. 1-47709
- Lebedev, A.D.** Singularities of the p-T phase diagram of heterogeneous systems 1-11838
- Lebedev, A.D.** see Zhiinskii, A.P. 1-2161
- Lebedev, A.I., Mangazeev, B.V.** Solution of the dispersion relations for pion photoproduction on nucleons by means of the Padé approximations 1-18494

- Lebedev, A.I., Mangazeev, B.V., Fil'kov, L.V. Use of the Padé-approximant method in the solution of dispersion relations for the γ N- π N process 1-45314
- Lebedev, A.T., Novikov, V.A., Baranov, L.A., Troshin, L.P. Precision norms and techniques for measuring the quantity of released thermal energy 1-24664
- Lebedev, A.V. see Manykin, E.A. 1-29325
- Lebedev, E.A., Toth, L., Karpova, L.H. Electron drift mobility measurements in amorphous $As_2Se_{(1-x)}$ thin films 1-12114
- Lebedev, F.V. see Bondarenko, A.P. 1-1590
- Lebedev, I.A. see Sobornov, O.V. 1-51037
- Lebedev, N.A. see Budzyak, A.V. 1-45466
- Lebedev, O.L. see Gurdzhiyan, L.M. 1-17077
- Lebedev, R.A. see Babeshkin, A.M. 1-997
- Lebedev, S.A., Kogan, B.Ya. Light amplification by internal reflection from an inverted medium 1-29274
- Lebedev, S.A., Kogan, B.Ya. Mechanism of anomalous light reflection from an inverted medium 1-41766
- Lebedev, S.P. see Volkov, A.A. 1-9998, 1-12447, 1-12605
- Lebedev, S.V. see Morozov, A.I. 1-42148
- Lebedev, S.Ya., Oznobishin, V.V. Observation of relaxation of ion-ion emission from the (111) surface of Si 1-26352
- Lebedev, S.Ya., Oznobishin, V.V. Relaxation effect of ion-ion and ion-electron emissions of germanium monocrystal 1-53034
- Lebedev, S.Ya., Oznobishin, V.V., Bondarenko, V.V., Efeshin, A.N., Parshutin, V.S. Analog device for determining secondary-emission coefficients 1-45079
- Lebedev, T.S. Model studies of physical properties of mineral matter in high-pressure-temperature experiments 1-32435
- Lebedev, T.S., Shapoval, V.I., Korchin, V.A., Pravdiviy, A.A. Heat conduction estimation of the mineral matter by acoustic measurements under various thermobarometric conditions 1-22282
- Lebedev, T.S., Shapoval, V.I., Korchin, V.A., Pravdiviy, A.A. Possibilities of the determination of some thermal parameters of the mineral matter from data on acoustical measurements in various thermobaric conditions 1-40069
- Lebedev, T.S., Shepel', S.I. Electrical properties of elevated conductivity rocks under deep thermobaric conditions 1-27153
- Lebedev, V.A. Evaluation of the selectivity of electrochemical reactor-fuel recovery on the basis of thermodynamic data 1-23839
- Lebedev, V.A., Soldatov, E.A., Drozdov, Yu.N., Kuz'min, Yu.N., Ilyukhin, V.V., Belov, N.V. Algebraic method of constructing superposition functions 1-25120
- Lebedev, V.I., Tomilin, M.G. Possibilities of using liquid-crystal elements in optical instrument manufacturing 1-1677
- Lebedev, V.I. see Adkhamov, A.A. 1-20197
- Lebedev, V.I. see Borisov, V.I. 1-15192
- Lebedev, V.M. see Belyaeva, T.L. 1-45479
- Lebedev, V.M. see Gertsens, N.P. 1-39042
- Lebedev, V.M. see Teterin, E.D. 1-18626
- Lebedev, V.M. see Venetsev, Yu.N. 1-21141
- Lebedev, V.M. see Zelenskaya, N.S. 1-50570
- Lebedev, V.N., Levon, A.I., Nemets, O.F., Onishchenko, G.V., Sevast'yuk, O.V. Lifetimes and g-factors of isomeric states of ^{103}Ag , ^{111}In , ^{115}Sb , ^{117}Sb nuclei 1-50481
- Lebedev, V.N. see Marov, M.Ya. 1-4802
- Lebedev, V.P., Khotkevich, V.I. Influence of the dynamic intermediate state on the softening of a type I superconductor 1-20927
- Lebedev, V.P., Przhvuskii, A.K. Determination of multiple orders of optical transitions in the spectra of glasses activated with Eu^{3+} ions by the method of polarized luminescence 1-31185
- Lebedev, V.P., Przhvuskii, A.K., Savost'yanov, V.A. Spectral and kinetic separation of optical centers in a silicate glass 1-43176
- Lebedev, V.V. see Fomin, I.A. 1-30856
- Lebedev, V.V. see Glazov, V.M. 1-17040, 1-21757
- Lebedev, V.V. see Khalatnikov, I.M. 1-11937
- Lebedev, V.V. see Kobas Aranda, M.M. 1-4134
- Lebedev, V.V. see Kolchin, A.A. 1-22653, 1-36130
- Lebedev, Yu.G. see Filippov, B.N. 1-38956
- Lebedev, Yu.N., Kozlov, E.V. Interaction with the core and concentration of vacancies in the core of an edge dislocation in the AuCu_3 superstructure 1-42416
- Lebedev, Yu.N. see Shmakova, E.S. 1-34469
- Lebedev, Yu.S. see Yakimchenko, O.E. 1-39658
- Lebedev, Yu.Ya. Kinetic and dynamic relationships in the sorption of a substance with a linear isotherm and a diffusion mechanism of interfacial transfer 1-21834
- Lebedeva, E.P., Matyushin, G.A., Mezentsева, G.A., Tavrizova, M.A., Fain, V.Ya. Mean quantum yields for photolysis of benzophenones in solution when illuminated with a flash lamp 1-4109
- Lebedeva, E.V., Sedletskaia, N.S. Influence of the domain structure on parametric excitation of spin waves in ferrite single crystals 1-25922
- Lebedeva, I.V. Experimental study of acoustic streaming in the vicinity of orifices 1-37664
- Lebedeva, L.P. see Ukhonov, E.V. 1-327
- Lebedeva, L.V. see Fomin, I.A. 1-30856
- Lebedeva, L.V. see Krutogolov, Yu.K. 1-30855
- Lebedeva, N.G. see Vasilenko, I.I. 1-53350
- Lebedeva, N.N. see Mamedov, A.M. 1-21230
- Lebedeva, N.N. see Prakash, S.G. 1-20799
- Lebedeva, N.N. see Zeinaly, A.Kh. 1-43063
- Lebedeva, N.S. see Gurdzhiyan, L.M. 1-17077
- Lebedeva, V.N. see Dudnikova, V.B. 1-20385
- Lebedinskaya, L.B. see Petrovskii, V.Ya. 1-39025
- Lebel, J. see Pelletier, E. 1-36066
- Lebel, J. see Poisson, A. 1-54091
- Lebenhaft, J.R. see Cukier, R.I. 1-38217
- Lebens, R.M., Arch, B., Birch, H.J. An investigation of passive heating and cooling work in Europe 1-32002
- Leber, R.E. see Nitschke, J.M. 1-36971
- Leber, R.P. see Zbasnik, J.P. 1-51993
- LeBerre-Rousseau, M., Ressayre, E., Tallet, A. Self-induced generation of an off-axis frequency shifted radiation from atoms 1-41341
- Leblanc, A.-R. see Lussier, M. 1-17517
- Leblanc, J.C. see Tremaine, P.R. 1-11866
- LeBlanc, L.R., Middleton, F.H., Nacci, V.A., Cohn, R.F. Correlation between estuarine sea floor acoustic reflection signatures and engineering sediment measurements 1-11225
- Leblanc, M. see Prinzhofer, A. 1-32413
- Leblanc, Y. see Boisshot, A. 1-44434
- Leblanc, Y. see Riddle, A.C. 1-4894
- Lebo, I.G. see Gadjali, E.G. 1-11515
- Leboeuf, C.M., Kowalik, J.S., Edessess, M., Jayadev, T.S. Solar ponds for district heating and electricity generation 1-53677
- Leboeuf, J.N. see Ashour-Abdalla, M. 1-36107
- Leboeuf, J.N. see Tajima, T. 1-19951, 1-38096
- Leboffe, M. see Carolei, G. 1-48804
- Lebofsky, L. see Millis, R.J. 1-54408
- Lebofsky, L.A. see Reitsma, H.J. 1-40309
- Lebon, G., Rubi, J.M. A generalized theory of thermoviscous fluids 1-34497
- Leborgne, J.F. see Alberne, F. 1-49809
- Lebouche, M. see Begorre, H. 1-19841
- Leboucher, E. see Hoc, N. 1-37153
- Lebovitz, N.R. On the fluid dynamics of evolving stars 1-44544
- Lebowitz, J.L. see Bricmont, J. 1-25857, 1-27885, 1-40717, 1-42969
- Lebowitz, J.L. see Durr, D. 1-40710
- Lebowitz, J.L. see Runnels, L.K. 1-9957
- Lebowitz, J.L. see Webman, I. 1-26528, 1-38235
- Lebowitz, J.M. see Back, B.B. 1-718
- Lebowitz, J.L. see Bricmont, J. 1-32921
- Lebreton, J. see Le Floch, A.C. 1-6239
- Lebreton, J. see Magat, P. 1-14862
- LeBritton, J., McCal, D., Melissinos, A., Metcalf, W., Miller, M., Alspector, J., Borenstein, S., Kalbfleisch, G., Scharenquigel, J., Strand, R., Abshian, A. Trimuon and dimuon events produced by 10.5-GeV c/μ on lead 1-45299
- LeBritton, J. see Youngquist, R. 1-5650
- Lebrun, A. see Carpentier, J.-L. 1-7372
- Lebrun, C. see Hanappe, F. 1-50692
- Lebrun, D., Buenerd, M., Bini, M., Harvey, B.G., Legrain, R., Mahoney, J., Symons, T.J.M., Van Bibber, K. Inelastic scattering of ^9Be of 27 MeV/A to giant resonances 1-41089
- Lebrun, D., Buenerd, M., Martin, P., de Saintignon, P., Perrin, G. Is there a giant monopole resonance in light nuclei? 1-18620
- Lebrun, D. see Buenerd, M. 1-28444
- Lebrun, F. see Caraveo, P.A. 1-22865
- Lebrun, J. see Waton, G. 1-24610
- Lebrun, J.L., Maeder, G., Moliere, F., Parmiere, P. Emboutissabilité des toiles minces. Microstructure et recristallisation des toiles minces d'acier extra doux (Rolling of thin plates. Microstructure and recrystallization of low C steel sheet) 1-21478
- Lebrun, M., Bayada, G., Boivin, M. Calculation of large displacements in an annular plate with edges fixed and held. Resolution of the von Karman equations with the Newton method 1-11312
- Lebsanft, E. see Wenzl, H. 1-8276
- Leca, M., Surmeian, M., Mandravel, C. The polyethylenoxide crystallinity 1-47014
- Leca, N. see Inal, O.T. 1-39357
- Lecacheux, A., Meyer-Vernet, N., Daigne, G. Jupiter's decametric radio emission: a nice problem of optics 1-49564
- Lecacheux, A., Møller-Pedersen, B., Riddle, A.C., Oeare, J.B., Boisshot, A., Warwick, J.W. Some special characteristics of the hectometric Jovian emission 1-40380
- Lecacheux, A. see Boisshot, A. 1-44434
- Lecacheux, J. Satellites of Saturn 1-17788
- Lecacheux, J., Laques, P., Vapillon, L., Auge, A., Despiau, R. A new satellite of Saturn: Dione B 1-4819
- Lecante, J. see Chandresis, D. 1-52476
- Lecar, M., Katz, J. The stability of the grand microcanonical ensemble for bounded isothermal spheres 1-54562
- Lecar, M. see Dekel, A. 1-44628
- Lecar, M. see Fabricant, D. 1-22881
- Lecacube, F. see Bolzoni, F. 1-16438
- Lecchia, F. see Hubert, Ph. 1-45452
- Lecianoine-Leluc, C. see Besset, D. 1-10375
- Lecapellier, M., Caignault, L., Dubuisson, B. Method of studying systems using solar energy by classification of weather types 1-4165
- Lechevallier, M. see Ackerman, M. 1-9212
- Lechner, R.E. see Dickens, M.H. 1-34508
- Lechtenfeld, O. see Abresch, U. 1-5536
- Lechtken, P. see Doetschman, D.C. 1-1267
- Leciejewicz, J. see Ptasiwicz-Bak, H. 1-47857
- Leciejewicz, J. see Troc, R. 1-12290
- Leck, R.P. see Arnold, H.W. 1-54232
- Leck, R.P. see Cox, D.C. 1-4599
- Leck, T.J. see Cook, J.-E.L. 1-44245
- Leckebusch, R. see Haberey, F. 1-7912, 1-30995
- Leckie, J.O. see Benjamin, M.M. 1-39677
- Leclaire, A., Borel, M.M. Structure of dicadmium nickel hexachlorine dodecahydrate 1-30158
- Leclaire, A., Borel, M.M. Structure of tetracadmium nickel decachlorine decahydrate 1-30159
- Leclaire, A., Borel, M.M., Monier, J.C. Structure of tachyhydrite 1-15855
- Leclaire, A., Borel, M.M., Monier, J.C. The γ form of calcium dichloride tetrahydrate 1-15865
- Leclerc, J.L., Smith, M.R., Jones, G.R. Thermal area and pressure variations at extra high current levels in a model circuit breaker 1-15691
- Leclerc, J.L., Smith, M.R., Jones, G.R. Pressure transients in a model gas-blast circuit breaker operating at extra high current levels 1-34158
- Leclercq, J.M. see Bouteiller, Y. 1-6158
- Leclert, G. see Thielgent, A. 1-19865
- Lecolou, A. see Tavassoli, A.A. 1-43372
- Lecoeuvre, J.M., Hemmerich, P., Fabregue, J.P., Lauret, P. Numerical simulation in unsteady-state running of the 45 MW scale model Super-Phenix steam generator 1-28558
- Lecoate, Y., Piquet, J. Calculation of 2 and 3-D boundary layer with the help of a K-e model. II 1-19866
- Lecolletier, L. see Crancon, J. 1-23913
- Lecolley, J.F. see Bizard, G. 1-5784
- Lecolley, J.F. see Hanappe, F. 1-50692
- Lecomte, M. see Plumier, R. 1-25942
- Lecomte, M.-C. Study of the possibilities of using sound waves for absorption of other sound waves 1-24567
- Lecomte, P. On some ideals of a Lie algebra of order zero 1-23451
- Lecomte, P. On a partial differential equation occurring in the study of space-time symmetries of the electro-magnetic field 1-32876
- Lecomte, P. see Brandelik, R. 1-23510, 1-23527, 1-30411
- Lecomte, R., Irshad, M., Landsberger, S., Kajrys, G., Paradis, P., Monaro, S. Coulomb-excitation studies of ^{70}Ge , ^{76}Ge , ^{74}Ge , and ^{76}Ge 1-18566
- Lecomte, R., Irshad, M., Landsberger, S., Paradis, P., Monaro, S. Evidence of a spherical to prolate shape transition in the germanium nuclei 1-5687
- Lecoate, P. see Adam, M. 1-23909
- Lecoate, P. see Goutte, D. 1-14443
- Lecoq, A., Poulain, M. Fluoride glasses in the $\text{ZrF}_4\text{-BaF}_2\text{-YF}_3\text{-AlF}_3$ quaternary system 1-34238
- Lecoq, P., Marrian, C., Rohrbach, F. Optical design for a streamer chamber in a quark search experiment 1-41274
- Lecoq, P. see Dykes, M. 1-45784
- Lecordier, J.C., Petit, C., Paranthoen, P. Measurement of the transfer function of a wire used as a temperature sensor: influence of conduction 1-262
- Lecordier, J.C. see Paranthoen, P. 1-36659
- Lecours, M.J. see Prelas, M.A. 1-19363
- Lecroisier, D. see Richou, F. 1-42785
- Leculier, M. see Bonnet, J. 1-2271, 1-29934
- Lecuyer, D. see Stuchly, M.A. 1-4325
- L'Ecuyer, J. see Bottiger, J. 1-12618
- Led, J.J. Field dependent carbon-13 relaxation in paramagnetic nickel (II) complexes of histidine. A study of the applicability of the Solomon-Bloembergen-Morgan theories 1-3246
- Ledbetter, H.M. Sound velocities and elastic-constant averaging for polycrystalline copper 1-7264
- Ledbetter, H.M. Sound velocities and elastic constants of steels 304, 310, and 316 1-31518
- Ledbetter, H.M. Dynamic elastic modulus and internal friction in G-10CR and G-11Cr fibre glass-cloth-epoxy composites 1-43390
- Ledbetter, H.M., Maerz, G. Temperature dependence of Young's modulus and internal friction of G-10CR and G-11Cr epoxy resins 1-43391
- Ledbetter, M.T. see Drexler, J.W. 1-17584

- Ledden, J.E., O'Dell, S.L., Stein, W.A., Wisniewski, W.Z. The spectral flux distribution of the candidate BL Lacertae object 1218+304 (\equiv 2A 1219+305) 1-54603
 Ledebor, L.-A. see Jansson, L. 1-50168
 Ledebur, A.G., Harwood, L.H., Robertson, R.G.H., Bowles, T.J. Test of the isobaric multiplet mass equation from β -delayed proton decay of ^{74}Si 1-5742
 Ledebur, T.V. see Weber, R. 1-33216
 Leder, F. see Lumberras-Ginter, M. 1-13133
 Leder, F. see Penner, S.S. 1-13071
 Leder, G. see Fidecaro, G. 1-591
 Leder, H.J. see Grewe, N. 1-30685
 Lederer, P., Chaves, C.M. Phase diagram of thiourea at atmospheric pressure under electric field: a theoretical analysis 1-48016
 Lederer, P. see Heritrier, M. 1-2852
 Lederich, R.J., Sastry, S.M.L., Pao, P.S. The effect of internal hydrogen on the stress corrosion cracking of Ti-6Al-6V-2Sn in 3.5% NaCl solution 1-8473
 Lederich, R.J. see Sastry, S.M.L. 1-53270
 Lederle, T. The IAU (1976) System of Astronomical Constants 1-32605
 Lederman, L.M. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
 Lederman, L.M. see Ito, A.S. 1-45373
 Ledey, J.P. see Hrisafovic, N. 1-36156
 Ledinegg, E., Schnegg, J. Conversion of electromagnetic waves into plasma waves 1-19914
 Ledingham, K.W.D. see Schulte, C.W. 1-8156
 Lednev, A.A. see Aleksandrov, Yu.A. 1-5634
 Lednev, A.A. see Davidov, V.A. 1-1023
 Ledneva, F.I. see Ustinov, V.M. 1-30256
 Lednický, R. see Batyunya, B.V. 1-600
 Lednický, R. see Boos, E.G. 1-5661
 Ledoux, E. see Girard, G. 1-49304
 Ledoux, M. see Garo, A. 1-2051
 Ledov, V.A. Influence of electron scattering mechanisms on the acoustomagnetolectric effect 1-42830
 Ledovskaya, I.Yu. see Glikman, E.E. 1-35365
 Leduc, A. see Aubry-Prize, M. 1-39885
 Leduc, J., Kalantar, A.H. Collective theories of supercooled liquids: supporting polariscopy and kinetic evidence in methylcyclohexane glass above T_g using a benzene probe 1-38250
 Leduc, M., Trenc, G., Laloe, F. Nuclear polarization of ^3He gas by laser optical pumping 1-1199
 Ledwon, E. Operating experiences with a heat pump using the ground as sole source of energy 1-43794
 Lee, A., Frost, L.S. Arc interruption of pure CCl_2F_2 and its mixture with SF_6 1-15696
 Lee, A., Frost, L.S. Interruption capability of gases and gas mixtures in a puffer-type interrupter 1-34156
 Lee, A. see Chien, Y. 1-38199
 Lee, A.C.C. see Kuter, R.M. 1-51678
 Lee, A.K.W. see Kucerosky, Z. 1-20018
 Lee, B.B., Furgason, E.S. Beam profiling using correlation systems 1-37750
 Lee, B.S. Soft mode at an incommensurate structural phase transition 1-30362
 Lee, C., Chang, W.-P., Cozzarelli, F.A. Some results on the one-dimensional coupled nonlinear thermoviscoelastic wave propagation problem with second sound 1-6787
 Lee, C., Pac, P.Y. Heavy-particle-induced effective Lagrangian in spontaneously broken theories. I. The σ -model 1-33096
 Lee, C.C., Karam, R.A. Denatured fuels in LMF-BRs 1-50768
 Lee, C.C. see Steinhäuser, F. 1-22076
 Lee, C.H., Mak, P.S., DeFonzo, A.P. Optoelectronic modulation of millimeter-waves by picosecond pulses 1-52597
 Lee, C.H. see Mathur, V.K. 1-7655
 Lee, C.H. see Van Laak, J. 1-15203
 Lee, C.H. see Watanabe, K. 1-41726
 Lee, C.L., Huang, J.Y. A double pole, double throw electro-optic switch with an N-type electrode 1-11182
 Lee, C.L. see Rabe, J.A. 1-43804
 Lee, C.M., Johnson, W.R. Scattering and spectroscopy: Relativistic multichannel quantum-defect theory 1-1178
 Lee, C.O., Uhm, D.Y., Dresdner, K. Sodium-calcium exchange in rabbit heart muscle cells: direct measurement of sarcoplasmic Ca^{2+} activity 1-26885
 Lee, C.O. see Cho, K.S. 1-12935
 Lee, C.P., Tandon, J.L., Stocker, P.J. Alloying behaviour of Au-Ge/Pt ohmic contacts to GaAs by pulsed electron beam and furnace heating 1-7731
 Lee, C.W., Pratt, W.P., Jr., Rowlands, H.A., Schroeder, P.A. Observation of inelastic impurity scattering of electrons in the resistivity of potassium-rubidium alloys 1-30719
 Lee, C.Y., Scott, H.L. The surface tension of water: a Monte Carlo calculation using an umbrella sampling algorithm 1-25531
 Lee, C.Y. see Scott, H.L. 1-38620
 Lee, D., Papadakis, J.S. Numerical solutions of the parabolic wave equation: An ordinary-differential-equation approach 1-11235
 Lee, D., Zaverl, F., Jr. The influence of material parameters on nonuniform plastic flow in simple tension 1-3822
 Lee, D. see Hoffman, D. 1-5810
 Lee, D. see Wagner, C.N.J. 1-30089
 Lee, D. see Yurke, B. 1-6190
 Lee, D.A., Lewis, F.D. Multiple equilibria in the oxygen positive column 1-7016
 Lee, D.H., Ioannopoulos, J.D. Surface states at unrelaxed ZnO (1010) 1-16328
 Lee, D.H. see Ardouneau, P. 1-2032
 Lee, D.-I. see Crichton, B.H. 1-15714
 Lee, D.K., Peng, Y.-K.M. An approach to rapid plasma shape diagnostics in Tokamaks 1-42192
 Lee, D.K. see Carreras, B. 1-38093
 Lee, D.K. see Lee, F.J. 1-2738
 Lee, D.M., Phillips, J.R., Hsue, S.T., Kaieda, K., Halbig, H.K., Medina, E.G., Hatcher, C.R. The examination of LWR irradiated fuel assemblies using simple ion chamber techniques 1-18970
 Lee, D.M. see Yurke, B. 1-2770
 Lee, E.J., Ardell, A.J. Superposition of precipitation-hardening mechanisms 1-21460
 Lee, E.K.C. see Fairchild, P.W. 1-6230
 Lee, E.K.C. see Holtermann, D.L. 1-6297, 1-10819
 Lee, E.L., Tarver, C.M. Phenomenological model of shock initiation in heterogeneous explosives 1-31860
 Lee, E.P., Yu, S., Buchanan, H.L., Chambers, F.W. Filamentation of a heavy-ion beam in a reactor vessel 1-11569
 Lee, E.P.F., Law, D., Potts, A.W. Photoelectron spectra and valence shell electronic structure of zinc and cadmium difluoride 1-46021
 Lee, E.P.F., Potts, A.W. Hel and HeII photoelectron spectra of CuF and CuF₂ 1-29037
 Lee, E.P.F., Potts, A.W. He II photoelectron spectra of the valence p shell of Ca and Sr 1-45911
 Lee, E.T.P. see Holley, T.K. 1-37336
 Lee, E.W., Montenegro, J.F.D. The magnetization of GdAl_2 1-47909
 Lee, E.W. see Chakraborty, S.B. 1-39457
 Lee, E.W. see del Moral, A. 1-26002
 Lee, E.W. see Romano, S. 1-12378
 Lee, F., Chen, H.H. Low-temperature series expansions for lattices of non-integral dimensions 1-50066
 Lee, F.J., Lee, D.K. Three-particle distribution function in liquid ^4He 1-2738
 Lee, F.W. see Collins, C.B. 1-37279, 1-37461, 1-48705
 Lee, G., Moore, D. Application of programmable controllers to vacuum system interlocks 1-10528
 Lee, G. see Jeavons, A. 1-14732
 Lee, G.R. see Hartmann, B. 1-11884
 Lee, G.M.C. see Ponton, J.W. 1-8508
 Lee, G.S. see Bene, R.W. 1-16191
 Lee, H., Machida, K., Kuwae, A., Saito, Y. Resonance Raman spectra and structure of p-aminazobenzene dyes in diprotanated form 1-10737
 Lee, H.C., Lim, C.K., Conway, H.D. The large deflection of thin plates with overhang 1-46678
 Lee, H.-I. see Koel, B.E. 1-8613
 Lee, H.-I. see Praline, G. 1-8612
 Lee, H.-L. see Shi, S.-K. 1-34582
 Lee, H.-M. see Gardner, R.P. 1-18986
 Lee, H.U. see Dirscherl, R. 1-12987
 Lee, H.-W., George, T.F. Atom-surface elastic scattering in the presence of laser radiation 1-1304
 Lee, H.Y. see Kozakai, H. 1-36794
 Lee, I.W., Lee, S.S. Improved excitation by triple discharge in a wire-triggered transverse electric atmospheric CO_2 laser 1-37454
 Lee, I.Y. see Aleanard, M.M. 1-23590
 Lee, I.Y. see Swan, P.R. 1-21950
 Lee, J. Dynamical cascade models for Kolmogorov's inertial flow 1-29640
 Lee, J., Wesolowski, E., Singh, M.P., Zucker, J. Experimental verification of a Hertz vector model of light scattering by surface acoustic waves on LiNbO_3 1-33848
 Lee, J. see Barish, B. 1-10192
 Lee, J. see Van Vuuren, P. 1-31967
 Lee, J.A. see Hall, R.O.A. 1-30415
 Lee, J.C. Rescaled occupation number representation and the λ -transition 1-25515
 Lee, J.C., Olson, J.V. Kelvin-Helmholtz instability and the variation of geomagnetic pulsation activity 1-22638
 Lee, J.C. see Chao, C.C. 1-19626
 Lee, J.C. see Crump, M.W. 1-45637
 Lee, J.C. see Losey, D.N. 1-50730
 Lee, J.C. see Sinclair, A.C. 1-10407, 1-50866
 Lee, J.C. see Van Tuyle, G.J. 1-5831
 Lee, J.D. Tandem mirror fusion-fission hybrid studies 1-5990
 Lee, J.H., McFarland, D.R., Hohl, F. Ultraviolet laser excitation source 1-6564
 Lee, J.H. see Cristoloveanu, S. 1-20770
 Lee, J.-J. see Hartley, C.S. 1-21535
 Lee, J.K., Earmme, Y.Y., Aaronson, H.I., Russell, K.C. Plastic relaxation of the transformation strain energy of a misfitting spherical precipitate: ideal plastic behavior 1-26562
 Lee, J.K. see Chan, K.S. 1-12718
 Lee, J.K.P. see Mobed, N. 1-50665
 Lee, J.K.P. see Nikkinen, L. 1-10569
 Lee, J.J. see Dollinger, R. 1-34146
 Lee, J.N. see Berg, N.J. 1-24362
 Lee, J.S., Doering, J.P., Potemra, T.A., Brace, L.H. Measurements of the ambient photoelectron spectrum from Atmosphere Explorer. I. AE-E measurements below 300 km during solar minimum conditions 1-9319
 Lee, J.S., Doering, J.P., Potemra, T.A., Brace, L.H. Measurements of the ambient photoelectron spectrum from Atmosphere Explorer. II. AE-E measurements from 300 to 1000 km during solar minimum conditions 1-9320
 Lee, J.S. see Zanetti, L.J. 1-13644
 Lee, J.T. see Hung, M.P. 1-53095
 Lee, J.W., Jaffrey, D., Browne, J.D. Influence of process variables on sintering of WC-25 wt-%Co 1-3659
 Lee, J.-W. see Jaffrey, D. 1-39329
 Lee, J.Y. see Chen, B. 1-24533
 Lee, J.Y. see Ranganath, T.R. 1-41892
 Lee, J.Y. see Shim, S.A. 1-35395
 Lee, K. see Jones, R.D. 1-51925
 Lee, K.C. see Chang, K.J. 1-42967
 Lee, K.C. see Pai, S.T. 1-48175
 Lee, K.F. see Kamins, T.I. 1-3070
 Lee, K.F. see Linder, B. 1-24203
 Lee, K.H. Quantitative assessment of linearity of scintillation cameras 1-17489
 Lee, K.M. see Scott, J.F. 1-48048
 Lee, K.M. see Watkins, G.D. 1-47977
 Lee, K.S. see Magee, T.J. 1-15916, 1-20248
 Lee, K.W., Gieseke, J.A. Note on the approximation of interceptional collection efficiencies 1-21785
 Lee, L., Sykes, B.D. Strategies for the use of lanthanide NMR shift probes in the determination of protein structure in solution. Application to the EF calcium binding site of carp parvalbumin 1-9055
 Lee, L.C. see Hodges, R.V. 1-37276
 Lee, L.C. see Kan, J.R. 1-22606, 1-22640
 Lee, L.C.Y. see Barber, D.P. 1-5635, 1-28329, 1-28330
 Lee, L.H.N. see Ng, D.H.Y. 1-52219
 Lee, L.H.Y., Clark, J.A. Angled injection of jets into a turbulent boundary layer 1-37986
 Lee, L.L. The Lennard-Jones 9:3 adsorptive system. II. Prediction of liquid density profiles by perturbation theory 1-15776
 Lee, L.L., Jr. see McGrath, R.L. 1-45457
 Lee, L.S. see Hwang, W.S. 1-50821
 Lee, M.A. Comments on the dissipation of hydro-magnetic surface waves 1-13744
 Lee, M.A., Lerche, I. On self-consistent waves and their stability in warm plasmas. II. Instability of circularly polarized waves both in the presence and the absence of an ambient magnetic field 1-6948
 Lee, M.A., Schmidt, K.E., Kalos, M.H., Chester, G.V. Green's function Monte Carlo method for liquid ^4He 1-52382
 Lee, M.A. see Helmer, R.G. 1-28800
 Lee, M.H., Bagchi, A. Two-dimensional lattice sums and the dispersion relation of Frenkel excitons 1-7530
 Lee, M.H., Bagchi, A. Model calculation of differential reflectance from ordered adsorbed overlayers 1-8149
 Lee, M.H., Banerjee, S. Time correlation functions in the α and β phases and possible existence of a tricritical point in a cooperative model for metal hydrides 1-20355
 Lee, M.H., Sze, S.M. Orientation dependence of breakdown voltage in GaAs 1-7718
 Lee, M.J.G., Reifenberger, R., Robins, E.S., Lindemayr, H.G. Thermally enhanced field emission from a laser-illuminated tungsten tip: temperature rise of tip 1-8201
 Lee, M.M.L. see Rosenberry, T.L. 1-53944
 Lee, M.W. see Wang, C.W. 1-5785
 Lee, N. see Keese, R.H. 1-4061
 Lee, P. see Mendez, R.G. 1-27583
 Lee, P.A. see Altschuler, B.L. 1-25685
 Lee, P.A. see Coppersmith, S.N. 1-42634
 Lee, P.A. see Rosenbaum, T.F. 1-42832
 Lee, P.K., Debe, M.K. Measurement and modeling of the reflectance-reducing properties of gradient index microstructured surfaces 1-15075
 Lee, P.S. see Chou, K.H. 1-29655
 Lee, R. see Cordes, C. 1-49288
 Lee, R. see Tilbury, R.S. 1-17496
 Lee, R.E. Ion-beam etching 1-3947
 Lee, R.J., Fisher, R.M. Quantitative characterization of particulates by scanning and high voltage electron microscopy 1-5284
 Lee, R.J., Kelly, J.F. Overview of SEM-based automated image analysis 1-18341
 Lee, R.L. see Chan, S.T. 1-32063
 Lee, R.S. see Van Sciver, S.W. 1-47322
 Lee, R.S. see Chau, H.H. 1-40768
 Lee, R.W. see Kilkenny, J.D. 1-19924

- Lee, S., Cragg, T. Supernova in NGC 1532 1-49697
- Lee, S., Kim, Y.S. N_2-N_2 repulsive interactions obtained through a combining rule 1-37287
- Lee, S., Wehring, B.W. Model for estimating independent yields of fission products 1-50670
- Lee, S. *see* Wehring, B.W. 1-50669
- Lee, S.H. *see* Stauss, G.H. 1-12393
- Lee, S.J., Shield, R.T. Variational principles in finite elastostatics 1-24688
- Lee, S.J., Shield, R.T. Applications of variational principles in finite elasticity 1-24689
- Lee, S.L. *see* Chuah, D.G.S. 1-53560
- LEE, S.M., Higashi, Y., Nagashima, Y., Hanashima, S., Sato, M., Yamaguchi, H., Yamanouchi, M., Matsuo, T. Statistical yrast line effect in $^{10}\text{O}+^{27}\text{Al}$ and $^{19}\text{F}+^{24}\text{Mg}$ fusion cross sections 1-36975
- Lee, S.M., Vaidyanathan, R. Comparison of the order of approximation in several spatial difference schemes for the discrete-ordinates transport equation in one-dimensional plane geometry 1-746
- Lee, S.M. *see* Muralidhar Rao, J.V. 1-23790
- Lee, S.S. *see* Lee, I.W. 1-37454
- Lee, S.-T., Apai, G., Mason, M.G., Benbow, R., Hurych, Z. Evolution of band structure in gold clusters as studied by photoemission 1-42669
- Lee, S.-T. *see* Apai, G. 1-52477
- Lee, S.-T. *see* Mason, M.G. 1-16654
- Lee, S.T.Y. *see* Grimsrud, G.P. 1-39732
- Lee, S.Y. *see* Andersson, C.A. 1-31366
- Lee, S.Y. *see* Bratton, R.J. 1-31708
- Lee, S.Y. *see* Flatte, S.M. 1-29443
- Lee, S.Y. *see* Suzuki, K. 1-50519
- Lee, T. *see* Coker, A. 1-12027, 1-12082
- Lee, T. *see* Heitjans, P. 1-26057
- Lee, T. *see* Millis, R.L. 1-54408
- Lee, T.C., Skogen, J., Schulze, R., Bernal, E., Lin, G.J., Daehlin, T., Campbell, M. Automated thermoplastic holographic camera development 1-15130
- Lee, T.P., Burrus, C.A., Cho, A.Y., Cheng, K.Y., Manchon, D.D., Jr. Zn-diffused back-illuminated p-n photodiodes in InGaAs/InP grown by molecular beam epitaxy 1-26388
- Lee, T.-S.H., Kurath, D. Excitation of non-normal parity states by pion scattering. Application to ^{13}C 1-5701
- Lee, T.-S.H. *see* Betz, M. 1-41140
- Lee, T.-S.H. *see* Guang-Lie Li 1-45538
- Lee, T.W., Falco, C.M. Josephson effects in Nb_3Sn microbridges 1-47808
- Lee, V.Y. *see* Torrance, J.B. 1-42335
- Lee, W. *see* Guarnieri, C.R. 1-48274
- Lee, W.B. *see* Jackson, D.D. 1-53956
- Lee, W.M. Selection of barrier materials from molecular structure 1-30443
- Lee, W.-N.P. *see* Harpen, M.D. 1-26987
- Lee, W.W., Tang, W.M., Okuda, H. Ion temperature drift instabilities in a sheared magnetic field 1-11549
- Lee, W.W. *see* Okuda, H. 1-46856
- Lee, Y.C. *see* Aamodt, R.E. 1-38092
- Lee, Y.C. *see* Menyuk, C.R. 1-19936
- Lee, Y.F. *see* Davis Clements, L. 1-29697
- Lee, Y.K. *see* Piel, W.F., Jr. 1-41037
- Lee, Y.S., Patel, M.R. Deformation analysis of plastic strain rate hardening material using stress function under plane strain condition 1-11322
- Lee, Y.S., Patel, M.R., Bohm, G.J. Stress analysis of the strain rate hardening materials in axisymmetric field 1-37812
- Lee, Y.T., Shen, Y.R. Studies with crossed laser and molecular beams 1-31887
- Lee, Y.T. *see* Anderson, S.L. 1-37273
- Lee, Y.T. *see* Becker, C.H. 1-8557
- Lee, Y.T. *see* Casavecchia, P. 1-35524
- Lee, Y.T. *see* Kahler, C. 1-39644
- Lee, Y.T. *see* Tully, F.P. 1-29087
- Lee Chang-Rim *see* Chang-Rim Lee
- Lee Chul *see* Chul Lee
- Lee Chung Len *see* Chung Len Lee
- Lee Chung-Te *see* Chung-Te Lee
- Lee Dae-Won *see* Dae-Won Lee
- Lee Dai-Hoon *see* Dai-Hoon Lee
- Lee Ding *see* Ding Lee
- Lee Dong Hyung *see* Dong Hyung Lee
- Lee Dong Nyung *see* Dong Nyung Lee
- Lee Dong-Hi *see* Dong-Hi Lee
- Lee El Hang *see* El Hang Lee
- Lee Gordon, R. Boundary layer under near-inertial internal waves over a critically sloping bottom 1-32455
- Lee Ha Chung *see* Ha Chung Lee
- Lee Hae-Chang *see* Hae-Chang Lee
- Lee Hai-woong *see* Hai-woong Lee
- Lee Han-Sheng *see* Han-Sheng Lee
- Lee Ho Chong *see* Ho Chong Lee
- Lee In Won *see* In Won Lee
- Lee In Young *see* In Young Lee
- Lee Jai Young *see* Jai Young Lee
- Lee Jong-Sen *see* Jong-Sen Lee
- Lee Jung-Joong *see* Jung-Joong Lee
- Lee Jyh Fa *see* Jyh Fa Lee
- Lee Kae Wan *see* Kae Wan Lee
- Lee Kee-Dae *see* Kee-Dae Lee
- Lee Ki-Seon Fabrication of transparent conducting films of In_2O_3 by vacuum deposition 1-31355
- Lee Myung Hun *see* Myung Hun Lee
- Lee Sang Soo *see* Sang Soo Lee
- Lee Shu-Tso *see* Shu-Tso Lee
- Lee Shyi-Long *see* Shyi-Long Lee
- Lee Tien-Pei *see* Tien-Pei Lee
- Lee Ting-Kuo *see* Ting-Kuo Lee
- Lee Wai-Hon *see* Wai-Hon Lee
- Lee Warnock, R. Matrix N/D method with absorption and the unitarity problem in coupled-channel Regge theory 1-14276
- Lee-Bechtold, S. *see* Jewess, M. 1-11878
- Lee-Fan, I.S. *see* Congedo, T.V. 1-713
- Lee-Franzini, J. Results on the T region from the Columbia-Stony Brook experiment at CESR 1-45325
- Lee-Wing Ho *see* Batoz, J.-L. 1-24677
- Leeb, H., Schmid, E.W. A test of the fish bone optical model on α - ^{16}O scattering 1-23668
- Leeb, W.R. *see* Scholtz, A.L. 1-46406
- Leech, J.W. *see* Powell, B.M. 1-34430
- Leedecke, C.J. Electrical properties of some Y-Si-Al oxytinide glass-ceramics 1-2954
- Leeden, M.C. *van der see* van der Leeden, M.C.
- Leedon, I.D., Moser, A.R., Gaidos, J.A. Localized particle production in the beam and target fragmentation regions 1-10270
- Leehey, P., Shapiro, P. Leading edge effect in laminar boundary layer excitation by sound 1-42046
- Leek, R. *see* Karunathilaka, S.A.G.R. 1-13115, 1-35636
- Leela Iyengar *see* Kistaiah, P. 1-30381
- Leeman, S. *see* Graham, E. 1-39963
- Leemans, D.V. Acoustic emission monitoring of A106B pipe steel 1-4029
- Leenders, L., Waldman, R. Requirements for fission-product nuclear data related with reactor fuel characterization 1-50897
- Leenders, L. *see* De Raedt, Ch. 1-50916
- Leenen, M. *see* Aubert, J.J. 1-5630
- Leenhouts, F., Dekker, A.J. Elastic constants of nematic liquid crystalline Schiff's bases 1-47138
- Leenstra, W.R. *see* Clarke, R.H. 1-35759
- Leep, D. *see* Falk, R.A. 1-1190
- Leep, D.A., Van Brunt, R.J. Pulse characteristics of positive DC corona in SF_6 : effects of trace decomposition products 1-38180
- Leer, E., Holzer, T.E. Energy addition in the solar wind 1-9342
- Leer, E. *see* Bratteng, O. 1-13627
- Leer, E. *see* Holzer, T.E. 1-9341
- Leersum, J. *van see* van Leersum, J.
- Lees, A.J., Straughan, B.F., Gardiner, D.J. Electrolyte-formamide interactions studied by Raman spectroscopy 1-48073
- Lees, D.G. *see* Derry, D.J. 1-38584
- Lees, D.G. *see* Taylor, M.R. 1-35432
- Lees, D.J., Hoar, T.P. Use of the scratching electrode technique to interpret the stress corrosion cracking behaviour of α -brass in ammoniacal copper sulphate solutions 1-31719
- Lees, E.W., Hooton, B.W. Variable dead time counters. III. A critical analysis 1-14773
- Lees, E.W. *see* Hooton, B.W. 1-45805
- Lees, J.P. *see* Aubert, B. 1-14748
- Lees, L. *see* Penner, S.S. 1-13071
- Lees, P., Bright, A.W., Smith, J.R., McAllister, D., Diserens, J. The finite-element method applied to axisymmetric field problems in silos 1-24312
- Lees, R.M., Ali Mohammadi, M. Millimetre wave spectrum of methyl mercaptan 1-19088
- Lees, R.M. *see* Johnston, L.H. 1-37252
- Leese, J.G., Horton, G.K., Cowley, E.R. Two-phonon Raman scattering of light in argon at high temperatures 1-35026
- Leest, R.E. *van de see* van de Leest, R.E.
- Leest, R.E. *van de see* van de Leest, R.E.
- Leetmaa, A., Rossby, H.T., Saunders, P.M., Wilson, P. Subsurface circulation in the Somali Current 1-27209
- Leeuw, D.M. *de see* de Leeuw, D.M.
- Leeuw, J.M. *de see* de Leeuw, J.M.
- Leeuwen, E.H. *van see* van Leeuwen, E.H.
- Leeuwen, F. *van see* van Leeuwen, F.
- Leeuwen, K.A.H. *van see* van Leeuwen, K.A.H.
- Leeuwen, W. *Storm Van see* Storm Van Leeuwen, W.
- Lefakis, H., Blewitt, T.H., Birtcher, R.C. Continuous void swelling measurements using fission fragment irradiation 1-23168
- Lefchenko, V.F. *see* Kolchin, A.A. 1-36130
- Lefebvre, A., Menard, D. Stacking faults and twins in kyanite, Al_2SiO_5 1-34358
- Lefebvre, A.H. *see* El-Shanawany, M.S. 1-24869
- Lefebvre, J., Frohly, J., Torquet, R., Brunel, C., Rouvaen, J.M. Experimental and theoretical study of the multiple scattering of acoustic waves in inhomogeneous media 1-24563
- Lefebvre, J. *see* Kress, W. 1-25388
- Lefebvre, J.P. Identification of the velocity profile of an axisymmetric flow by measurement of acoustic spectral broadening 1-24576
- Lefebvre, M. A computer-assisted acoustical measurement system 1-24632
- Lefebvre, P.J. *see* Durgin, W.W. 1-42062
- Lefebvre, R. *see* Atabek, O. 1-1296, 1-14801, 1-14831, 1-40662, 1-51146
- Lefebvre, R. *see* Sink, M.L. 1-24201
- Lefebvre-Brion, H. *see* Giusti-Suzor, A. 1-14966
- Lefebvre-Brion, H. *see* Robbe, J.M. 1-41312
- Lefebvres, F. *see* Bizard, G. 1-5784
- Lefebvres, F. *see* Hanappe, F. 1-50692
- Lefeld-Sosnowska, M. *see* Jung, J. 1-30409
- Lefers, J.B., van den Bleek, C.M., Bos, A.S., van den Berg, P.J. Mass transfer in laminar plug flow gas streams in wetted wall columns 1-15464
- Lefever, R. *see* Horsthemke, W. 1-23115
- Lefever, R. *see* Kitahara, K. 1-32914
- Lefevre, M.R. *see* Lansraux, G. 1-10914
- Lefevre, F., Turck, B. Experimental and theoretical investigations of losses in a multifilament composites subjected to transient axial fields 1-52694
- Lefevre, H.C. *see* Bergh, R.A. 1-11107
- Lefevre, J. *see* Philibert, M. 1-37560
- Lefevre, J. *see* Philippot, J.C. 1-23943
- Leffers, T. A modified Sachs approach to the plastic deformation of polycrystals as a realistic alternative to the Taylor model 1-20304
- Lefort, M. Various aspects of the radial and tangential energy dissipation in heavy ion collisions at bombarding energies in the range 4-12 MeV/A 1-14546
- Lefort, M. Reactions between complex nuclei. The frontier between complete fusion and other dissipative collisions 1-45562
- Lefort, M. Results of deep-interactions between complex nuclei—complete and incomplete fusion 1-50627
- Lefort, M. Mass distribution in dissipative reactions. The frontier between fusion and deep inelastic transfers 1-50633
- Lefort, M. *see* Lapujoulade, J. 1-38652, 1-48214
- Lefort, P., Desmaison, J., Billy, M. Oxidation of vanadium 1-39523
- Lefort, S.W. *see* MacLennan, D.J. 1-5391
- Lefrançois, J. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Lefrançois, J. *see* Boucrot, J. 1-1039, 1-14784
- Lefrançois, S., Rzepka, E. Raman study of V-centres in X-irradiated KI and RbI 1-3396
- Lefrant, S., Rzepka, E., Bernier, P., Rolland, M., Aldissi, M. Raman study of oxygen induced isomerization of (CH)₃ films 1-35527
- Lefrant, S. *see* Rolland, M. 1-25815
- Lefvert, T. *see* Tran, T.M. 1-18881
- Legacey, D. *see* Dankowicz, J.A. 1-50460
- Legare, P., Hilaire, L., Maire, G. The superficial oxidation of In, Sb and InSb(111): a LEED, AES, XPS and UPS study 1-53321
- Legare, P. *see* Hilaire, L. 1-47380
- Legare, P. *see* Lindauer, G. 1-52419
- Legasov, V.A., Bochin, V.P., Ezhov, V.K., Rusanov, V.D., Potapkin, B.V., Fridman, A.A., Sholin, G.V. Plasma-chemical methods of obtaining energy carriers with separation of products on electrolytic membranes 1-29931
- Legasov, V.A. *see* Klimov, V.D. 1-6241
- Legeckis, R., Legg, E., Limeburner, R. Comparison of polar and geostationary satellite infrared observations of sea surface temperatures in the Gulf of Maine 1-22362
- Legeckis, R. *see* Weissman, D.E. 1-13483
- Legeda, V.I. Circulation streamlining of an array of profiles in a magnetic field 1-6901
- Legendre, B., Gather, B., Blachnik, R. Ternary chalcogen systems. IX. The system indium-antimony-tellurium 1-8287
- Legendre, B. *see* Gather, B. 1-38540
- Legendre, J.J., Huber, M. Generation of polytypic structures by thermally induced expansion of stacking faults in a titanium sulphide single crystal 1-15828
- Legendre, P. *see* Jacolot, G. 1-49114
- Leger, J.M., Aimonino, P., Lories, J., Dordor, P., Coqblin, B. Transport properties of SmO 1-34731
- Leger, J.M., Yacoubi, N., Lories, J. Investigation of the reactions of $\text{RE}+\text{RE}_2\text{O}_3$ under high pressures 1-26740
- Leger, J.M. *see* Hervet, H. 1-38239
- Leger, M., Piercy, G.R. Internal friction in hydrogen-charged aluminium alloys 1-53226
- Legg, E. *see* Legeckis, R. 1-22362
- Legg, G.J., Lancaster, P.C. Electrostriction and the magnetoelectric effect in YIG 1-31005
- Legg, K.O., Metz, W.A., Thomas, E.W. Identification of Auger spectra induced by Ar^+ and Kr^+ ion impact on transition metals 1-3553
- Legge, G.E., Campbell, F.W. Displacement detection in human vision 1-39932
- Legge, G.E., Foley, J.M. Contrast masking in human vision 1-53786
- Legge, R.A. *see* Cocks, G.J. 1-16785
- Legge, R.N., Sarma, K.R. High efficiency polycrystalline silicon solar cells by continuous plasma deposition and laser recrystallization 1-13122

- Legge, R.N., Wang, E.Y. Evidence of minority-carrier injection in (n-n) SnO_2 -Ge heterojunction diodes 1-42850
- Legget, R.F. Glacial geology of Grand Manan Island, New Brunswick 1-49275
- Leggett, A.J. Cooper pairing in spin-polarized Fermi systems 1-2743
- Leggett, A.J. Diatomic molecules and Cooper pairs 1-11943
- Leggett, A.J. see Caldeira, A.O. 1-40674
- Leggett, R.W. see Crawford, D.J. 1-35829
- Leggieri, G. see D'Anna, E. 1-42442
- Legkudukh, A.M. see Freidlin, M.G. 1-43538
- Legner, H.H., Finson, M.L. On the stability of fine-scaled turbulent free shear flows 1-1930
- Legnini, D.G. see Fluss, M.J. 1-32968
- Legnascov, V. see Testemale, E. 1-7701
- Legon, A.C., Aldrich, P.D., Flygare, W.H. Cyclopropane-hydrogen chloride dimer: identification and geometry from its rotational spectrum 1-51185
- Legon, A.C., Millen, D.J., Rogers, S.C. The angle deformation force field for the hydrogen-bonded heterodimer $\text{CH}_3\text{CN} \cdots \text{HF}$ determined with the aid of the centrifugal distortion constant D_{JK} 1-10712
- Legon, A.C. see Georgiou, A.S. 1-24145, 1-24284
- Legon, A.C. see Keenan, M.R. 1-51192
- LeGong, P. see Newhouse, V.L. 1-8936
- LeGorrec, B. see Diard, J.-P. 1-43560
- Legostaev, V.P. see Tokar', E.N. 1-50121
- Legoux, Y. see Bouissieres, G. 1-4131
- Legowski, S. see Schwiror, S. 1-10694
- Legrain, R. see Julien, J. 1-41145
- Legrain, R. see Lebrun, D. 1-41089
- Legrand, A. see Fretigny, C. 1-33080
- Legrand, A.P. see Beguin, F. 1-42368
- Legrand, A.P. see Toungne, P. 1-38975
- Legrand, D. see Boudard, A. 1-41117
- Legrand, D.G. A trilogy on surfaces. I. The temperature-surface tension coexistence curve 1-52398
- Legrand, D.G. A trilogy on surfaces. II. On Gibbs' adsorption equation and Antonow's law 1-52399
- Legrand, J. see Bouville, A. 1-50914
- Legrand, J. see Macke, B. 1-41412
- Legrand, J.F. see Lajczewicz, J. 1-21145
- Legrand, M., Vehil, R. Measurement of the fluctuations of water vapour on a given atmospheric path 1-13603
- Legrand, S. see Bertrand, D. 1-3383
- Legrand, S. see Mischler, G. 1-48070
- Legras, B. Turbulent phase shift of Rossby waves 1-49327
- Legros, J.-C. see Platten, J.K. 1-24766
- Legros, P. see Bachelier, A. 1-21104
- Legros, P. see Lambert, B. 1-16122
- Leguillon, D., Lenc, F. Homogenisation problems with elastic strips. Asymptotic developments and numerical resolution 1-15388
- Legvold, S., Burgardt, P., Beaudry, B.J. Search for Lifshitz points in rare-earth alloys 1-12292
- Legvold, S., Ito, T., Beaudry, B.J. 'Double' ferromagnetism in $\text{Gd}_{70}\text{Y}_{30}$ single crystals 1-3153
- Lehe, P., Ehlicke, H. Investigation of the optimization of the static strength of GRP-steel laminates 1-3851
- Leheny, R.F., Nahory, R.E., Pollack, M.A., Beebe, E.D., De Winter, J.C. Characterization of $\text{In}_{0.51}\text{Ga}_{0.49}\text{As}$ photodiodes exhibiting low dark current and low junction capacitance 1-45008
- Leheny, R.F. see Degani, J. 1-45004
- Leheny, R.F. see Shah, J. 1-3449
- Leheup, E.R., Moon, J.R. Electrical conductivity and strength changes in green compacts of iron powder when heated in range 50-400°C in air 1-53218
- Leheup, E.R., Moon, J.R. Yield and fracture phenomena in powder-forged Fe-0.2C and their prediction by NDT methods 1-53385
- Lehman, D.R. see Gibson, B.F. 1-14488, 1-41069, 1-41070
- Lehmann, B. Uncalibrated rotating hot-wire probe for the measurement of small velocity vectors 1-54286
- Lehmann, E. see Berger, C. 1-5636, 1-10209
- Lehmann, E. see Berger, Ch. 1-14404, 1-23511, 1-42552, 1-45331, 1-50412
- Lehmann, G. see Drechsler, S.L. 1-12220
- Lehmann, G. see Maschmeyer, D. 1-26035
- Lehmann, J. see Euler, K.-J. 1-48911
- Lehmann, L., Brody, W., Macovski, A., Strul, B., DiBianca, F., Pelc, N. Source limitations in scanned projection radiography 1-43970
- Lehmann, L. see Kleinschmidt, M. 1-28337
- Lehmann, R. see Bitterwolf, E. 1-28375
- Lehmann, W. see Barth, W. 1-45790
- Lehnherr, R.H., Holder, K.A. Numerical study of optical ray retracing in laser-plasma backscatter 1-15620
- Lehnherr, R.H. see Herbst, M.J. 1-38127
- Lehnherr, R.H. see Obenschain, S.P. 1-38125
- Lehmppfuhl, G., Uchida, Y. Darkfield and bright-field techniques for electron microscopic observation of atomic steps on MgO single crystal surfaces 1-20535
- Lehmppfuhl, G. see Takayanagi, K. 1-20594
- Lehmppfuhl, G. see Voss, R. 1-7198
- Lehn, J.M. Cryptate inclusion complexes, effects on solute-solute and solute-solvent interactions and on ionic reactivity 1-8569
- Lehn, J.-M., Sauvage, J.-P., Ziessel, R. Photochemical water splitting continuous generation of hydrogen and oxygen by irradiation of aqueous suspensions of metal loaded strontium titanate 1-48709
- Lehn, W.H., Schroeder, I. The Norse merman as an optical phenomenon 1-44298
- Lehnen, A.P. see Macdonald, J.R. 1-39035
- Lehner, T. see Schmitt, J.P.M. 1-19940
- Lehnig, M. Quantitative aspects of ^{119}Sn -CIDNP 1-37220
- Lehninger, A.L. The primary energy-transformations in biological systems 1-39894
- Lehovec, K. see Fedotowsky, A. 1-38852
- Lehovec, K. see Zuleeg, R. 1-2505
- Lehr, H., von Oertzen, W., Bohne, W., Morgenstern, H., Grabisch, K., Puhlhofer, F. Evidence for incomplete fusion in a light heavy ion reaction 1-50700
- Lehr, J. see Slutsky, A.S. 1-26933
- Lehrfeld, D. see Richards, W.D. 1-53651
- Lehtinen, B., Melander, A. A ion-polishing technique to reveal voids at particles 1-4026
- Lehto, T. see Seeman, V. 1-34939
- Lehuy, H., Roberge, R., Fihey, J.L., Rupp, G., Foner, S. The effects of additives to the Cu-Nb melt on the high field properties of in situ multifilamentary Nb₃Sn wires 1-47830
- LeHuy, H. see Lanteigne, J. 1-47831
- Lei Chou see Sleep, N.H. 1-13440
- Lei Lin see Lin Lei
- Lei Xiao-lin A note on the radius of convergence of the series for superconducting critical temperature 1-25817
- Lei Xiao-Lin Electrical resistivity of disordered crystalline alloys 1-47601
- Lei Xiao-Lin Electrical resistivity of substitutional alloys 1-47602
- Lei Zi-ming see Xu Li-wen 1-52927
- Leibacher, J.W. see Nobles, R.A. 1-9365
- Leibenzon, A.S. Propagation of a combustion wave in a medium with nonlinear thermal conductivity 1-2102
- Leibenzon, A.S. see Levin, V.A. 1-24826
- Leibina, A. see Blagoy, P. 1-14806
- Leibold, R., Huber, F. Thermal decomposition of lead (II)-acetate 1-26730
- Leibov, A.V. see Vaisberg, O.L. 1-9340
- Leibovich, C., Rabinkin, A., Garstein, E., Talianker, M. The high pressure induced phase transformations in Ti-V and Ti-Mo alloys 1-35253
- Leibovich, S., Paolucci, S. The instability of the ocean to Langmuir circulations 1-49282
- Leibowitz, E.M., Livio, M. HD 44179 1-9580
- Leibowitz, E.M. see Mazeh, T. 1-13777
- Leibowitz, H.W. see Owens, D.A. 1-35765
- Leibowitz, H.W. see Post, R.B. 1-32128
- Leibowitz, H.W. see White, K.D. 1-4270
- Leicht, R., Schelhaas, K.P., Hammen, M., Ahrens, J., Ziegler, B. Monochromatic nuclear photon scattering experiment 1-37053
- Leicknam, J.-C. Rotational correlation functions for asymmetric-top molecules is extended-diffusion models 1-15782
- Leidenfrost, W., Ku, J. New high sensitive micro-manometer 1-9992
- Leider, J.P. Simulator training: Specific vs generic 1-18808
- Leiderer, P. The boundary surface in ^3He - ^4He mixtures 1-11948
- Leiderer, P., Wanner, M. The dimple crystals—a charge-induced instability of the helium surface 1-7420
- Leiderer, P. see Ebner, W. 1-34529
- Leiderer, P. see Shikin, V.B. 1-2737
- Leidheiser, H., Jr. A review of proposed mechanisms for corrosion inhibition and passivation by metallic cations 1-16953
- Leidheiser, H., Jr. see Standish, J.V. 1-31722
- Leidig, A. see Schmitt-Thomas, K.G. 1-53329
- Leigener, C.-M. see Muller, C.M. 1-47546
- Leigh, J.R. see Paar, V. 1-23538
- Leigh, J.R. see Sie, S.H. 1-41073, 1-41074
- Leighton, H.G. A comparison of a numerical model and an approximate analytical model of the growth of snowflakes 1-22415
- Leighton, R.B. see Knapp, G.R. 1-9608
- Leighton, R.F. see Daley, C.G. 1-17490
- Leighton, R.F. see Klingler, J.W. 1-13283
- Leighton, S.B. see Brooks, R.A. 1-53872
- Leikin, E.M. see Batyuna, B.V. 1-600
- Leikin, E.M. see Boosy, E.G. 1-5661
- Leiko, G.A. see Afrosimov, V.V. 1-29109
- Leikov, N.G. see Gal'per, A.M. 1-13554
- Leikov, N.G. see Galyper, A.M. 1-17769
- Leikyras, C. see Merkulov, V.S. 1-43101
- Leimer, F. see Stotzel, H. 1-34713
- Leimkuhler, K. see Altdorfer, F. 1-35620
- Lein, E.L. see Vaisberg, O.L. 1-9340
- Leinaas, J.M. Topological charges in gauge theories 1-36790
- Leinaas, J.M. see Felsager, B. 1-50299
- Leingenfelter, R.E. see Higdon, J.C. 1-4949
- Leino, M.E. see Nitschke, J.M. 1-36971
- Leiper, G.A. see Finlayson, D.M. 1-7354
- Leipholz, H. Stability of elastic systems 1-44730
- Leipholz, H.H.E. On a Liapunov-like approach to the stability limit of Pfluger's rod 1-1830
- Leipold, H. The illumination systems in the projection-lithographic instruments of VEB Carl Zeiss JENA 1-46489
- Leipold, M.H., O'Donnell, T.P., Hagan, M.G. Materials of construction for silicon crystal growth 1-8219
- Leipold, M.H. see Chen, C.P. 1-3873
- Leipold, M.H. see Koepke, B.G. 1-17209
- Leipold, M.H. see Zook, J.D. 1-3639
- Leira, G. see Velarde, G. 1-18897
- Leisi, H.J. see Weber, R. 1-33216
- Leisman, G., Cohn, D.H., Neelson, K.H. Bacterial origin of luminescence in marine animals 1-4404
- Leiss, J.E., Norris, N.J., Wilson, M.A. The design and performance of a long-pulse high-current linear induction accelerator at the National Bureau of Standards 1-10553
- Leissa, A.W. see Narita, Y. 1-19605
- Leissner, M. see Bok, P. 1-10234
- Leissner, M. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Leistam, O. see Antreasyan, D. 1-10287
- Leiste, R. see Deiters, K. 1-51044
- Leistner, M. see Sodomka, L. 1-46642
- Leitstritz, F.L. see Murdock, S.H. 1-5080
- Leisure, R.G. see Doussineau, P. 1-11817, 1-15956
- Leitch, M.J. see Stephenson, E.J. 1-28821
- Leite, A.M.P.L. see Soares, O.D.D. 1-15109
- Leite, A.M.P.P., Soares, O.D.D. Holographic coupler for fibre optics communications 1-19295
- Leite, J.R. see Pavao, A.C. 1-24019
- Leite, M.S.S.C.P., Policarpo, A.J.P.L., Alegria Feio, M., Alves, M.A.F. Detection of VUV photons with a photoionization proportional scintillation chamber 1-28807
- Leite, S. Bogado see Bogado Leite, S.
- Leite, S.C.P. see Salete, M. 1-23957, 1-24924
- Leite Lopes, J., Martins Simoes, J.A., Spehler, D. Production and decay properties of possible spin 3/2 leptons 1-601
- Leite Lopes, J., Martins Simoes, J.A., Spehler, D. Possible spin-3/2 quarks and scaling violations in neutrino reactions 1-40981
- Leiter, D. The Penrose Photoproduction Scenario for NGC 4151; (PSS-CS). A black hole γ -ray emission mechanism for active galactic nuclei and Seyfert galaxies 1-9664
- Leiter, D. On a new, finite, 'charge-field' formulation of classical electrodynamics 1-14034
- Leites, D.A. see Leznov, A.N. 1-14269
- Leith, C.E. Nonlinear normal mode initialization and quasi-geostrophic theory 1-17659
- Leith, D.W.G.S. see Aston, D. 1-50470
- Leith, D.W.G.S. see Stroynowski, R. 1-18522
- Leith, E., Chen, H., Collins, G., Scholten, K., Swanson, G., Upatnieks, J. Interferometric construction of circular gratings 1-11082
- Leith, E. see Yang, G.G. 1-41613
- Leith, E.N. The legacy of Dennis Gabor 1-9818
- Leith, E.N. The legacy of Dennis Gabor 1-13987
- Leith, E.N., Chen, H., Cheng, Y.S. Distortion-limited imaging through a phase-distorting medium 1-37427
- Leith, E.N., Roth, J., Swanson, G. White light optical processing and holography 1-51396
- Leith, E.N., Swanson, G. Hologram formation with white light 1-15125
- Leitinger, R., Burkard, O.M., Hartmann, G.K. Report on the observations of the SIRIO VHF beacon in Graz, Austria and Lindau/Harz, West Germany 1-22571
- Leitl, A. see Pfeiffer, W. 1-7028, 1-15716
- Leitlands, V.V. Investigation of unsteady elongational flow of polymer melts 1-41997
- Leitner, G. see Hermel, W. 1-39263
- Leitner, H. see Maurer, K. 1-49081
- Leitz, H. Liquid-like structure of vapour quenched SnAu- and SnCu-films 1-25596
- Leizerovich, A.G. see Arsh, E.I. 1-18209
- Leja, E., Kolodziej, A., Pisarkiewicz, T., Stapiński, T. The dynamics of reactive ion sputtering of Sn-Sb and In-Sn alloys in an Ar-O₂ atmosphere 1-48218
- Leja, K. see Roznerski, W. 1-7019
- Lejarowska, L. see Wlochowicz, D. 1-34676
- Lejarski, E. see Wlochowicz, D. 1-34676
- Léjay, Y. see Lapujoulade, J. 1-38652, 1-48214
- Léjay, Y. see Le Cruer, Y. 1-27943
- Lejeck, L. see Bourdon, L. 1-52053
- Lejeck, L. see Klemm, M. 1-20061
- Lejus, A.M., Collongues, R. Lanthanide oxides, structural anisotropy, physical and mechanical properties 1-7152
- Lejus, A.-M., Michel, D. Influence of non stoichiometry and disorder on the microhardness of ZrO_2 - Ln_2O_3 solid solutions 1-38439
- Lek Keah Len see Cecil, F.E. 1-11595
- Lekach, S.V. Calculation of the CANON experiment using the TRAC code 1-5931

- Lekic, A., Ford, J.D. Direct contact condensation of vapour on a spray of subcooled liquid droplets 1-19548
- Lekkerkerker, H. see Finsy, R. 1-13044
- Lekkerkerker, H.N.W. see Van der Haegen, R. 1-2602
- Leko, T.D. On the solution of plane problems for elastic plates with holes 1-1835
- Lekoudis, S.G. Stability of the boundary layer on a swept wing with wall cooling 1-46770
- Leksell, D. see Kun, Z.K. 1-48168
- Leksin, G.A. see Bayukov, Yu.D. 1-36933
- Leksin, G.A. see Burgov, N.A. 1-598
- Leksin, V.V., Manapov, R.A., Mitin, A.V., Vagizov, F.G. Observation of ultrasonic resonances in the polarized spectrum of the Mossbauer gamma radiation 1-21100
- Leksovskaya, N.P. see Savitskii, A.V. 1-53370
- Leksovskii, A.M. see Gabaraeva, A.D. 1-48435
- Leksovskii, A.M. see Vikarchuk, A.A. 1-3885
- Leilah, M.D. see Marmur, A. 1-25532
- LeLann, A., Rzepski, J., Dubertret, A. Packing and oriented growth—a new model based on the relative movement of atoms that is common to both transformations 1-48341
- Lelaurain, M. see Brand, R.A. 1-7983
- Le'chuk, M.Yu. see Kurav, E.A. 1-10185
- Lechuk, M.Yu. see Zholentz, A.A. 1-14381
- Le'chuk, V.L., Nikitin, Yu.M., Puchkov, E.I., Smirnov, V.P., Shuiskaya, K.F., Bragina, O.I., Ogini, E.D., Pokrovskii, Yu.Yu., Sorokin, A.G., Yakovleva, N.N. Intensification of convective heat transfer 1-33291
- Lele, P.P. see Greenwald, R.C. 1-13302
- Lele, S. see Ramachandrarao, P. 1-25460
- Lelek, V. see Hron, M. 1-5828
- Lelekov, A.V. see Dzhlilavany, L.Z. 1-10577, 1-10586
- Leleux, P. see Gilot, J.F. 1-28341
- Leigemann, D. Collocation and analytical spline functions 1-40044
- Leigemann, D., Szameitat, J., Wilson, P. On the design and error characteristics of a fundamental global geodetic network 1-53958
- Lelieur, J.P. see Damay, P. 1-26036
- Lelievre, R., Ildo, D.J.W. Sulphides with the $GdFeO_3$ structure 1-15841
- Lelievre, J.-C., Picard, J. Observation of laser light scattered by a turbulent gas 1-11435
- Lelikov, Yu.S. see Bragina, T.M. 1-30648
- Leliva-Kopystynski, J. Probability of the earthquake initiated by the phase transformation from the metastable state 1-40125
- Leliva-Kopystynski, J. see Bakun-Czubarow, N. 1-44176
- Leli, F. see Barone, V. 1-51115
- Leli, F. see Chichidimo, G. 1-19114
- Leli, R.M. see Gelbard, E.M. 1-45570
- Lella, L. Di see Di Lella, L.
- Lemaignan, C. Hard spheres simulation of the size effect in liquid and amorphous metallic alloys 1-20044
- Lemaignan, C., Cheynet, M.C., Eustathopoulos, N. Nucleation behaviour of silver-germanium eutectic alloys 1-2370
- Lemaignan, C., Cheynet, M.C., Eustathopoulos, N. Liquid to solid nucleation in metal-semiconductor eutectic alloys 1-26442
- Lemaignan, C., Desre, P. Excess volume of mixing induced by size effect in liquid alloys. A hard sphere simulation 1-25148
- Lemaire, J. see Lyszyk, M. 1-51516
- Lemaire, M.-C. see Tanihata, I. 1-18669
- Lemaire, P. see Jouchoux, A. 1-40448
- Lemaire, P. see Vial, J.C. 1-27458
- Lemaire, R. see Gignoux, D. 1-12289, 1-25884, 1-25895
- Lemaire, G. see Baranne, A. 1-32621
- Lemaire, J. see Dufailly, J. 1-35314
- Lemaire-Blaise, M. see Antic-Fidancev, E. 1-26226
- Leman, G. see Abilock, H. 1-39719
- Leman, G. see Wene, C.O. 1-39717
- Lemanor, V.V. see Akhmedzhanov, F.R. 1-42456
- Lemanor, V.V. see Sherman, A.B. 1-29829
- Lemanska, G., Narebska, A. Quantitative determination of mesomorphic regions in reoriented polymers from wide-angle X-ray diffraction 1-2343
- Lemanska, M. see Ilamed, Y. 1-28515
- Lemant, F., Pineau, A. Mixed mode fracture of a brittle orthotextured material—example of strongly textured zinc sheets 1-48461
- Lemarchand, J.L., Bletry, J., Desre, P. Study of liquid nickel-vanadium alloys by neutron diffraction and model simulation 1-25145
- Lemasson, P. see Gautron, J. 1-16360
- Lembege, B. Cyclotron harmonic waves detected in the direction parallel to the magnetostatic field 1-11556
- Lembege, B. Theoretical study of backward propagating cyclotron harmonic waves for frequencies ω around ω_{UH} 1-19897
- Lember, T. see Koppel, A. 1-50013
- Lemberg, I.K. see Funke, L. 1-50485
- Lemberg, I.Kh. see Baktybaev, K. 1-23534
- Lemberg, I.Kh. see Gusinskii, G.M. 1-45423
- Lemberg, I.Kh. see Kiptilyi, V.G. 1-33208
- Lemberg, I.Kh. see Kudoyarov, M.F. 1-23596
- Lemberger, A.M. see Aleksan'yan, T.M. 1-36187
- Lemberger, T.R., Clarke, J. Charge-imbalance relaxation in the presence of a pair-breaking interaction in superconducting AlEr films 1-38891
- Lemberger, T.R., Clarke, J. Charge-imbalance relaxation in the presence of a pair-breaking supercurrent in dirty, superconducting Al films 1-38892
- Lemere, M., Tang, Y.C., Kanellopoulos, E.J., Sunkel, W. Effects of antisymmetrization in nuclear direct reactions 1-10372
- Lemeshev, V.U., Mikhalevich, A.A., Nemtsev, V.A., Nesterenko, V.B. Heat transfer and resistance in the steam generator with supercritical parameters and reacting coolant N_2O_4 1-18738
- Lemeshko, I.N. see Kudelin, Yu.I. 1-4035
- Leming, C.W., Hastings, O.P. III Computer-generated microwave holograms 1-22970
- Leming, T.D. see Brucks, J.T. 1-13477
- Leminger, O.G. see Grau, G.K. 1-41833, 1-41839
- Lenke, D. see Buscher, E. 1-44318
- Lenke, D. see Harris, A.W. 1-9658, 1-44655
- Lenke, H. Covariant kinematics for the production of spacelike particles 1-5098
- Lenke, H. On the investigation of minority carrier traps in semiconductors 1-38791
- Lenke, H. Additional evidence for recombination centres in the base regions of Si rectifiers 1-52649
- Lenke, H. Detection of T-metric radio signals 1-54354
- Lennerman, G.Yu. see Isayev, A.A. 1-51554
- Lennermertz, P., Alquist, L.J., Fass, R., Wollnik, H., Hirdes, D., Junglas, H., Brandt, R., Schardt, D., Zyltch, J. Studies on low spin yrast states in ^{212}Po 1-28376
- Lenmon, D.H. see Swartz, J.C. 1-16590
- Lemon, D.K., Posakony, G.J. Linear array technology in NDE applications 1-8512
- Lemonne, J. see Barth, M. 1-41018, 1-45377
- Lemonne, J. see De Clercq, C. 1-28346
- Lemonnier, J.C. see Quemeris, A. 1-31165
- Lemonnier, M. see Robelin, E. 1-20079
- Lemoyne, D. Evidence for crystal-field splitting of the 3P_2 state in KCl:Au^{+} 1-25668
- Lemperiere, G. see Tardy, J. 1-43258
- Lempert, W., Wang, C.H. Quasielastic light scattering studies of dynamics of polystyrene in cyclohexane 1-38236
- Lempicki, A. see Andrews, L.J. 1-1164
- Lempicki, A. see Yao, S.S. 1-43169
- Lempka, H.J. Comments on 'Improvements to a commercial UV photoelectron spectrometer' [by P.H. Cannington] 1-18333
- Len Lee Chung see Chung Len Lee
- Len Lek Keah see Lek Keah Len
- Lenaerts, J. see Wieme, W. 1-38168
- Lenahan, P.M., DePasquali, G. Growth and characterization of large crystals of methyltriphenylarsenium tetracyanoquinodimethane $[\text{MeC}_6\text{H}_4\text{As}(\text{TCNQ})_2]$ 1-3595
- Lenahan, P.M., Rowland, T.J. Non-Ohmic electrical conductivity and giant dielectric constant in the quasi-one-dimensional semiconductor methyltriphenylarsenium dicitracyanoquinodimethanide 1-42753
- Lenahan, P.M., Rowland, T.J. Giant dielectric constant in the one-dimensional semiconductor $\text{MeC}_6\text{H}_4\text{As}(\text{TCNQ})_2$ 1-52887
- Lenard, J.G. see Saced, U. 1-12757
- Lenart, A. see Szabo, P.P. 1-950, 1-28835
- Lenart, I., Auslander, D. The effect of ultrasound on diffusion through membranes 1-39687
- Lenartowicz, E., Albert, R.N.H. P-wave travel-time residuals and the crust and upper mantle lateral inhomogeneities in Africa 1-4479
- Lencova, B. Numerical computation of electron lenses by the finite element method 1-15062
- Lencova, B. Deflection aberrations of multi-stage deflection systems 1-19256
- Lend'el, V.I. see Bogacheva, S.P. 1-51931
- Lend'el, V.I. see Gaisak, M.I. 1-1376
- Lendvai, J. see Kovacs, I. 1-21504
- Lendvai, J. see Radomsky, M. 1-21450
- Lendvai, E. Crystal growth at the Research Institute for Technical Physics 1-8206
- Lendvai, E. see Gorog, T. 1-8210
- Lendvai, E. see Sebestyen, T. 1-7481
- Lene, F. Homogenisation problem with elastic slip. Energy method 1-15452
- Lene, F. see Leguillon, D. 1-15388
- Lenel, F.V., Hwang, K.-S. The mechanical properties of high-density iron-copper alloys from a composite powder 1-3668
- Lenfant, P., Plas, D., Ruffo, M., Colombari, P., Boilot, J.P. β alumina and β ferrite ceramics for proton sensors 1-31395
- Lenzger, B., Lasser, R., Mair, G. Electron momentum distribution in solid and liquid gallium by Compton scattering 1-48192
- Lenzger, B. see Eisenberger, P. 1-21293
- Lenzger, B. see Kornstadt, U. 1-47234
- Lenzger, B. see Lasser, R. 1-3533
- Lenzlet, M. see Arsene, J. 1-30125
- Lenzlet, M. see Lerebours, B. 1-20667
- Lengsfeld, B.H. see Bauschlicher, C.W., Jr. 1-33403
- Lenyel, G., Meissner, P., Patzak, E., Zschauer, K.H. Calculation of lateral current spreading and series resistance effects in oxide stripe geometry GaAs-GaAlAs DH lasers 1-41696
- Lenhard, U., Georgii, H.-W. The ocean as a source of reactive nitrogen compounds 1-22453
- Lenhart, D.R. Has coal a future? 1-17146
- Lenk, H. State of the art and trends of holographic procedures 1-42621
- Lenk, K. see Franke, W. 1-35158
- Lenk, R. Multiple scattering in disordered materials. I. Theory of the effective medium for homogeneous one-component systems of correlated scatterers 1-25601
- Lenk, R. Multiple scattering in disordered materials. II. Limits and special cases 1-30608
- Lenk, R. Multiple scattering in disordered materials. III. Compact representation of the wave number and introduction of local currents 1-42734
- Lenk, R., Bonzon, M., Greppin, H. Dynamically oriented biological water as studied by NMR 1-19110
- Lennard, W.N., Jackman, T.E., Phillips, D. The charge state equilibration distance for phosphorus ions in carbon 1-12617
- Lennard, W.N., Phillips, D., Walker, D.A.S. Equilibrium charge distributions of ion beams exiting carbon foils 1-45762
- Lennard, W.N. see Mokler, P.H. 1-24215
- Lennartz, H., Rafflenbeul, L., Hartman, H. Vapour equilibrium of $\text{H}_2\text{O}/\text{H}_2\text{SO}_4$ systems 1-39839
- Lenner, P. see Bartel, W. 1-18500, 1-45253, 1-45254
- Lenner, P. see Drumm, H. 1-14762
- Lenner, P. see O'Neill, L.H., Jr. 1-50443
- Lennon, C.L. see Rustan, P.L. 1-13538
- Lennon, G.P., Liu, P.L.-F., Liggett, J.A. Boundary integral solutions to three-dimensional unconfined Darcy's flow 1-36004
- Lenoir, M., Pujol, R. Combined effects of amikacin and acoustic trauma upon the rat pup cochlea during the sensitive period 1-32131
- Lenormand, J.M. see Le Floch, A. 1-41790
- Lenschow, D.H., Delany, A.C., Stankov, B.B., Stedman, D.H. Airborne measurements of the vertical flux of ozone in the boundary layer 1-27226
- Lenschow, D.H., Wyngaard, J.C., Pennell, W.T. Mean-field and second-moment budgets in a baroclinic, convective boundary layer 1-22407
- Lensen, G.J. Tectonic strain and drift 1-54061
- Lensing, J. see Freisinger, J. 1-15654
- Lent, B. see Robbins, D.J. 1-39161
- Lenhe, J.H. van see van Lenhe, J.H.
- Lentine, A.L., Datta, S., Hunsinger, B.J. Analysis of nonperiodic SAW transducers using a circuit model 1-24638
- Lentner, K.J., Childers, C.B., Tremaine, S.G. A semiautomatic system for AC/DC difference calibration 1-36691
- Lents, R.O. see Chernov, V.Yu. 1-35330
- Lentz, A., Fabian, W., Danner, P. Description of triple nitrate single crystals in Gel 1-35159
- Lentz, H. see Holzel, G. 1-5454
- Lenyuk, M.P., Shestopal, N.M. Stressed state of unidimensional visco-elastic layer 1-15410
- Lenz, D., Schmidt, H. Ultrasonic investigation of sandwich single crystals designed for studies of dislocation resonance damping 1-52148
- Lenz, E. see Faerman, Y. 1-37434
- Lenz, F., Moniz, E.J. Pion-nucleus scattering and the Δ -nuclear interaction 1-23679
- Lenz, F., Moniz, E.J., Yazaki, K. Doorway state approach to optical potential scattering 1-28433
- Lenz, F. see Amado, R.D. 1-14558
- Lenz, F. see Horikawa, Y. 1-5773, 1-10326
- Lenz, J. Order of magnitude of the skew-symmetric stresses governed by magnetic anisotropy, in magnetically saturated cubic crystals 1-3235
- Lenz, M. Negative magnetoresistivity in antiferromagnetic BCC Cr-Al solid solutions 1-25706
- Lenzen, G. see Gerhardt, B. 1-28328
- Lenzi, M. see Di Stefano, G. 1-45887
- Leo, F.P. see Nickoloff, E.L. 1-44023
- Leo, M. see Boscolo, I. 1-51439
- Leo, R. see Harrison, R.G. 1-29060
- Leo, R.A. see Boscolo, I. 1-51439
- Leo, R. De see De Leo, R.
- Leo, W.R. see Besset, D. 1-10375
- Leodaris, A. see Jannussis, A. 1-9870, 1-23040
- Leodaris, A.D. see Jannussis, A. 1-49971
- Leon, J.J. The inverse problem for a generalized Klein-Gordon system 1-422
- Leon, J.J. The Dirac inverse spectral transform: kinks and boomerangs 1-5476
- Leon, M., Seki, R. Relativistic corrections to perturbation theory for pionic and kaonic atoms 1-46174
- Leon, M. see Arjona, F. 1-17205
- Leon, R.L. De see De Leon, R.L.

- Lessard, E.T. see Miltenberger, R.P. 1-9042
 Lessard, L. see Nikkunen, L. 1-10569
 Lessard, R.A., Welford, W.T., Zhang, F.L. Sea wave detection by optical Fourier transforms from Seasat SAR images 1-54273
 Lessart, P. see Benizri, R. 1-43818
 Lesser, M.P. see Jacoby, G.H. 1-54616
 Lesser, M.P. see Perrenod, S.C. 1-49832
 Lessing, H.E., von Jena, A. Continuous picosecond spectroscopy of dyes 1-11000
 Lessing, H.E. see von Jena, A. 1-48027
 Lessor, D.L. see Hartman, J.S. 1-5373
 Lester, J.M. see Brenner, J.F. 1-35863
 Lester, T.P. see Camporese, D.S. 1-48839
 Lester, T.W. see Seeker, W.R. 1-26744
 Letestienne, R. Storage tank efficiency as simulated in a Markovian model of meteorology 1-17309
 Letstrade, J.-F. Theory of the motions of the Moon and of the satellites with Laplace's variables 1-36163
 Lesueur, C. see Guerin, B. 1-46611
 Lesurf, J. see Birch, J.R. 1-49885
 Lets, D.P., Morrison, G.H. The application of ion implantation to quantitative SIMS analysis 1-31949
 Letamendia, L. see Bellocq, A.M. 1-29212
 Letaw, J.R., Pfautsch, J.D. Quantized scalar field in rotating coordinates 1-154
 Letellier, P.S. On ghost neutrinos in the Einstein-Cartan theory of gravitation 1-9900
 Letellier, P., Gaboriaud, R., Schaal, R. Partial molar volumes of inorganic salts: solvent effects 1-53457
 Letetier, F., Allary, M., Boudier, P., Daveloose, D., Saint-Blancard, J., Stoltz, J.F. Ultrastructural and rheological properties of blood stored in liquid state 1-39956
 Letes'e, Zh. see Ben Brakham, A. 1-660
 Letfus, V., Ruzickova-Topolova, B. Time variation of the E-W asymmetry of flare numbers with respect to the phase of solar cycles 1-32683
 Letizia, A.P., Martin, G., Jr., Silvey, J.F. Implications for nuclear facilities of changes being initiated in the NRC standard atmospheric diffusion model 1-867
 Letoffe, J.-M. see Bastide, J.P. 1-31459
 Letoffe, J.-M. see Bastide, J.-P. 1-21443
 Letokhov, V.S. Laser-induced chemical processes 1-31885
 Letokhov, V.S. Progress in laser applications in atomic, molecular and nuclear physics 1-45034
 Letokhov, V.S. Possibility of fast deep cooling of atomic or molecular gases by laser radiation 1-46841
 Letokhov, V.S., Minogin, V.G. Possibility of accumulation and storage of gold atoms in magnetic traps 1-15034
 Letokhov, V.S. see Angelov, D.A. 1-35746, 1-39965
 Letokhov, V.S. see Antonov, V.S. 1-46034
 Letokhov, V.S. see Bagratashvili, V.N. 1-51213
 Letokhov, V.S. see Bekov, G.I. 1-1195, 1-14852
 Letokhov, V.S. see Cantrell, C.D. 1-51248
 Letokhov, V.S. see Feld, M.S. (editor) 1-49890
 Letourneau, R. see Julien, J. 1-41145
 Letowski, T., Makowski, W. Psychoacoustic investigation of listening with quadruphonic earphones 1-15332
 Letowski, T., Smurzynski, J. Time error in perception of sound brightness 1-15334
 Letowski, T. see Nabelek, A.K. 1-39942
 Lett, J.T. see Goldin, E.M. 1-26960
 Letuchi, A.N. see Kornienko, V.P. 1-29851
 Letyuk, L.M. Recrystallization of ferrites and its effect on the processes of microstructure formation in ferrosilicates 1-53148
 Letyuk, L.M., Shipko, M.N., Dmitriev, M.V., Beloshchin, A.M., Tyurin, E.L. Effect of electron interchange of $\text{Me}_1^{2+} + \text{Me}_2^{3+} \rightleftharpoons \text{Me}_1^{3+} + \text{Me}_2^{2+}$ type on the time stability of the initial magnetic permeability of ferrites 1-3169
 Letyuk, L.M. see Makarov, B.V. 1-21375, 1-21398
 Letzer, W.M. see Los, J.M. 1-51886
 Letzing, P.B.S. see Yaakobi, B. 1-35116
 Letzter, A. see Becker, K.M. 1-28520
 Leu, P. see Brandelick, R. 1-23510, 1-23527, 1-50411
 Leubner, C. Correcting a widespread error concerning the angular velocity of a rotating rigid body 1-49895
 Leubner, C., Scheingraber, H., Vidal, C.R. The linewidth dependence of resonant, small signal sum frequency mixing 1-46449
 Leubner, C., Strohmaier, E.M. Analysis of intensity effects in laser electron-beam backscattering in terms of generalised Bessel functions 1-33610
 Leubner, C., Zoller, P. Gauge invariant interpretation of multiphoton transition probabilities 1-6222
 Leubner, I.H. Quantitative correlations between sensitization by dyes and their redox potentials. III. Unsensitized fine-grain AgBr emulsion 1-13028
 Leuchs, R. see Eggert, K. 1-14752
 Leugers, B. see Hinterberger, F. 1-36934
 Leun, C. van der see van der Leun, C.
 Leun, C. van der see van der Leun, C.
 Leung, A.F. The law of Malus using Polaroid polarizers 1-27755
 Leung, A.Y.-T. Dynamic analysis of periodic structures 1-24728
 Leung, C.H. see Song, K.S. 1-7169
 Leung, C.T. The fluctuation of solar irradiance in Hong Kong 1-31984
 Leung, E.M.W., Fast, R.W., Hart, H.L., Heim, J.R. Techniques for reducing radiation heat transfer between 77 and 4.2K 1-51693
 Leung, E.M.W., Kephardt, R.D., Fast, R.W., Heim, J.R. The superconducting Chicago Cyclotron magnet—an old magnet with a new pair of energy efficient coils 1-45760
 Leung, J.C.M. Analysis of CHF in loss-of-coolant experiments 1-5929
 Leung, J.C.M., Gallivan, K.A. Thermal-hydraulic calculation during blowdown using a simple 1-d code 1-28549
 Leung, K.M., Lindquist, J.C., Shepherd, L.T. e-beam computer generated holograms for aspheric testing 1-19299
 Leung, K.M. see Hone, D. 1-25859
 Leung, K.M. see Huber, D.L. 1-20941
 Leung, K.N., Kribel, R.E. Rate of electron heating in a multipole plasma 1-6979
 Leung, P. see Coppers, P. 1-2410
 Leung, P.T. see Rustgi, M.L. 1-18989
 Leung, R. see DeFerrari, H.A. 1-11228
 Leung, R. see Flatte, S.M. 1-29443
 Leung, S.Y., Dresselhaus, G., Dresselhaus, M.S. Lattice dynamics of graphite intercalation compounds 1-34441
 Leung, S.Y. see Dresselhaus, G. 1-7520, 1-38705
 Leung, S.Y. see Eklund, P.C. 1-39101
 Leung, T.K. see Barker, M.G. 1-16935
 Leung, T.M. see Ma, R.Y.P. 1-32310
 Leung, W.P., Chan, C.C., Chen, F.C., Choy, C.L. Mechanical relaxations and moduli of oriented semicrystalline polymers 1-30324
 Leung, W.P., Ho, K.H., Ng, M.B. Laser communication—an ideal student project 1-13975
 Leung, Y.T., Cheung, Y.K. Dynamic analysis of frames by a two-level finite element method 1-51723
 Leung Tsang, Jin Au Kong Application of strong fluctuation random medium theory to scattering from vegetation-like half space 1-35984
 Leupin, W., Heilbronner, E., Wirz, J. The photoelectron spectrum of 2-methylbenzotriazole 1-10782
 Leupold, H.A. see Rothwarf, F. 1-25930
 Leupold, M.J. see Iwasa, Y. 1-53627
 Leurs, A. see Henrior, P.N. 1-10447
 Leushin, A.M. see Ivoliya, E.Kh. 1-12068
 Leute, U., Frank, W.F.X. A FIR spectrometer for the investigation of polymers under high pressure 1-40879
 Leutyler, H. On the Dirichlet problem of chromodynamics 1-509
 Leutyler, H. Hadrons 1-14262
 Leutyler, H. Vacuum fluctuations surrounding soft gluon fields 1-14335
 Leutyler, H. Chromodiamagnetism 1-28220
 Leutyler, H. How to use heavy quarks to probe the QCD vacuum 1-36848
 Leutyler, H. Constant gauge fields and their quantum fluctuations 1-50314
 Leutyler, H. see Gasser, J. 1-10138
 Leutyler, S., Hofmann, M., Harri, H.-P., Schumacher, E. The adiabatic ionization potentials of the alkali dimers Na₂, NaK and K₂ 1-33579
 Leutz, R.K. see Bauer, R. 1-2429
 Lev, E.Ya. see Gruzinov, B.F. 1-38789
 Levaillant, C., Pineau, A., Rezgui, B. Effects of environment and hold times on high temperature low cycle fatigue behaviour of 316L stainless steel 1-39454
 Levandowski, D.W. see Poljak, M. 1-9301
 Levandov, M.V. see Mill, B.V. 1-21338
 Levanyuk, A.P., Minyukov, S.A. Influence of defects on properties of materials near phase transitions close to the tricritical point 1-2622
 Levanyuk, A.P., Minyukov, S.A. Possible formation of spatially inhomogeneous structures at phase transitions in ferroelectric solid solutions 1-26145
 Levanyuk, A.P., Sigov, A.S. The effect of defects on the properties of ferroelastics near phase transitions 1-7286
 Levanyuk, A.P., Sigov, A.S. Soft-mode interaction with the acoustic phonon branch in crystals containing defects 1-25390
 Levanyuk, A.P., Utyukin, E.M., Pashkov, V.A., Solov'eva, N.M. Mechanism of the photorefractive effect in iron-doped lithium niobate 1-21167
 Levanyuk, A.P. see Aslanyan, T.A. 1-52290
 Levashov, A.A., Baryshnikova, O.N. Calculation of the volume of wind transport of sediments on channel formations of the Nadym River 1-22375
 Levashov, P.D. Use of multiple interpolation to improve stress calculation accuracy 1-24687
 Levasseur, A., Brethous, J.C., Reau, J.M., Hagenmuller, P., Couzi, M. Synthesis and characterization of new solid electrolyte conductors of lithium ions 1-7376
 Levasseur, A. see Berger, R. 1-21047
 Levatin, J. see van Thiel, M. 1-42078
 Levato, H., Malaroda, S., Morrell, N. Spectral types in the Zeta Sculptoris open cluster 1-4947
 Levatter, J., Shao-Chi Lin Long pulse (200 nsec) avalanche discharge excimer laser operation 1-37470
 Levay, B. Deuterium isotope effect on positron annihilation lifetime parameters 1-30280
 Levay, B., Mogensen, O.E. Positron spur reactions with excess electrons and anions in liquid organic mixtures of electron acceptors 1-31889
 Levchenko, E.B. see Elesin, V.F. 1-25839
 Levchenko, N.A., Tyukhtyaev, Yu.N., Faustov, R.N. On the Caolbm interaction in positronium within sixth order accuracy in α 1-37372
 Levchenko, N.M. see Verkin, B.I. 1-47215
 Levchenko, R.E. see Elizarov, V.S. 1-6883
 Levchenko, V.A. see Kuzuykov, A.N. 1-3963
 Levchenko, V.F. see Kolchin, A.A. 1-22653
 Levchenko, V.I. see Asmaev, M.P. 1-18251
 Levchenko, V.Ya. see Kachanov, Yu.S. 1-42033
 Levchenko, Yu.D. see Gabrianovich, B.N. 1-24885
 Levchenko, T.V. see Vovk, A.E. 1-19484
 Levchuk, B.V. see Gelman, B.G. 1-9399
 Levianskii, V.V. Kinetics of the precipitation of a substance from a gas mixture 1-13033
 Levianskii, V.V., Martynenko, O.G. Gas flow in a capillary with an external disturbance varying the coefficient of molecular adhesion 1-46782
 Leveille, J.P., Scott, D.M. Decay of psi and upsilon into a lepton pair and gluons 1-541
 Levelut, A. see Doussineau, P. 1-11817, 1-15956
 Levelut, A.M., Hardouin, F., Gasparoux, H., Destreche, C., Huu Tinh, N. X-ray investigations and magnetic field effect on a nematic phase of disc-like molecules 1-34226
 Levelut, A.M. see Hardouin, F. 1-34223
 Levelut, A.M. see Liebert, J. 1-46992
 Levelut, A.M. see Sigaud, G. 1-34224
 Leven, J.H., Jackson, I., Ringwood, A.E. Upper mantle seismic anisotropy and lithospheric decoupling 1-40100
 Leven, R., Steinmann, W. Drifting electron effects on strongly non-linear ion-acoustic solitons 1-11535
 Leven, R. see König, A. 1-6942
 Levenberg, V.A., Lunter, S.G. Properties of vitreous metaphosphates of rare-earth elements 1-38290
 Levenfel'd, G.Yu. see Dyurechenskii, A.V. 1-12495
 Levenson, G.I.P. see Fyson, J.R. 1-31883
 Levenson, M.D. Optical memory device employing anisotropic photochemically burned holes and polarization-sensitive readout 1-6495
 Levenson, M.D., Macfarlane, R.M., Shelby, R.M. Polarization-spectroscopy measurement of the homogeneous linewidth of an inhomogeneously broadened color-center band 1-26245
 Levenson, M.D., Macfarlane, R.M., Shelby, R.M. Photochemical hole burning storage material 1-41802
 Levenson, M.D., Song, J.J. Coherent Raman spectroscopy 1-5163
 Levenson, M.D. see Bjorklund, G.C. 1-46407
 Leventhal, J.J. see Barrett, J.L. 1-41476, 1-46096
 Leventhal, J.J. see Burkhardt, C.E. 1-37305
 Leventhal, J.J. see Kushawaha, V.S. 1-19170, 1-29112, 1-37307
 Leventhal, M., MacCallum, C.J. Gamma-ray-line astronomy 1-5004
 Leventhal, M., MacCallum, C.J., Hutters, A.F., Stang, P.D. Gamma-ray lines and continuum radiation from the galactic center direction 1-9726
 Leventhal, H.G. see Broner, N. 1-24625
 Leveque, R., Jolly, P., Hocquaux, H. Interest of powder metallurgy using pre-alloyed powders for high speed steel 1-16717
 Lever, A.B.P., Minor, P.C. Solvent dependence of phthalocyanine redox equilibria 1-10857
 Lever, M.J. see Auvurt, B. 1-49040
 Lever, R.F. see Chu, W.K. 1-2484
 Leverenz, H. see Roeder, J.L. 1-49440
 Leverett, L.B. see McIntire, L.V. 1-13272
 Levert, F.E. see Buhl, A.R. 1-28650
 Levesque, B. see Caudron, R. 1-42970
 Levesque, D., Lhuillier, C. Ground state of polarized and unpolarized ³He 1-2747
 Levesque, D., Nixon, J.H., Silbert, M., Weis, J.J. Non-additive hard sphere mixtures. Numerical results for negative non-additive parameter 1-25132
 Levesque, D. see Lhuillier, C. 1-52385
 Levesque, D. see Vermeese, J. 1-37295
 Levst, J.C. see Thibaut, E. 1-48228
 Levi, C.G., Mehrabian, R. Heat flow in atomized metal droplets 1-3721

- Levi, D., Piloni, L., Santini, P.M. Backlund transformations for nonlinear evolution equations in 2+1 dimensions 1-44770
- Levi, D. *see* Bruschii, M. 1-28167
- Levi, E. *see* Kuo, S. 1-2253
- Levi, G., Marsault, J.P., Marsault-Herail, F., McClung, R.E.D. The Fokker-Planck-Langevin model for rotational Brownian motion. II. Comparison with the extended rotational diffusion model and with observed infrared and Raman band shapes of linear and spherical molecules in fluids 1-176
- Levi, G. *see* Robert, D. 1-1240
- Levi, H.W. The disposal of byproducts from nuclear power stations 1-33335
- Levi, L. A one-glass achromatic doublet 1-15248
- Levi, L. *see* Prodi, F. 1-22412
- Levi, M.E. *see* Himel, T.M. 1-18482
- Levich, E. The large-momentum, high-frequency spectrum of a randomly stirred fluid 1-1927
- Levich, E. *see* Yakhot, V. 1-34631
- Levick, W.R., Thibos, L.N., Morstyn, R. Retinal ganglion cells and optic decussation of white cats 1-13237
- Levien, L., Prewitt, C.T., Weidner, D.J. Structure and elastic properties of quartz at pressure 1-42350
- Levikov, E.A., Levikova, L.V., Dolzhenko, V.F., Yashin, V.P. X-ray tubes for obtaining circular Laue diffraction diagrams 1-45091
- Levikov, S.P. Model of saturated spectrum of internal waves 1-54105
- Levikova, L.V. *see* Levikov, E.A. 1-45091
- Levin, A.A., Ovsyannikov, V.A. Interaction of a probe of the Pitot tube type with a two-phase flow of high moisture content 1-15535
- Levin, A.A. *see* Gutsev, G.L. 1-6126, 1-6127, 1-10632
- Levin, A.A. *see* Klyagina, A.P. 1-33396
- Levin, A.N. Radius of curvature of apparent fronts of reflected waves in common depth point observations 1-13407
- Levin, B.M., Volkova, T.A., Myasnikov, Yu.A. OP-1 optical flatness meter 1-36715
- Levin, B.S. The basement structure of the Omolon massif 1-40104
- Levin, D.N., Fozzard, H.A. A cleft model for cardiac Purkinje strands 1-53768
- Levin, E., Eisenberg, J.M. A theoretical study of pion-induced knockout reactions in nuclei 1-50571
- Levin, E.M., Lutsiv, R.V., Yasnitskii, R.I. Magnetic susceptibility and kinetic parameters of CeCu_2Si_2 in a wide temperature range 1-30927
- Levin, E.M., Ryskin, M.G. Quantum chromodynamics prediction for heavy lepton-pair production in pionization region 1-5605
- Levin, E.M., Ryskin, M.G., Nikolaev, N.N. Many particle correlations in multiple production on nuclei 1-10277
- Levin, F.S. A multi-cluster, n-particle generalization of the three-particle Faddeev wave function components 1-28423
- Levin, F.S. Some comments on bound-state approximations for N-body scattering systems 1-28429
- Levin, F.S. A multi-cluster, n-Particle generalization of the three-particle Faddeev wavefunction equations 1-36520
- Levin, F.S. Some recent developments in n-particle scattering theory 1-49994
- Levin, G.A. A new way of gas cooling by light 1-19856
- Levin, G.B. *see* Peel, J.W. 1-45710
- Levin, I. *see* Koren, G. 1-29021
- Levin, I.A. *see* Lovozatskaya, L.P. 1-26661
- Levin, I.M. On the theory of the white disc 1-40136
- Levin, I.M. *see* Golubitskii, B.M. 1-44202
- Levin, I.W. *see* Bunow, M.R. 1-26878
- Levin, K. Reply to "Reexamination of the small-angle neutron scattering data on concentrated AuFe spin-glasses" 1-7861
- Levin, K. *see* Nass, M.J. 1-30888, 1-42890, 1-52693
- Levin, L., Stern, A., Dirnfeld, S.F. Homogenization during sintering in a system with limited solubility of components 1-3672
- Levin, L. *see* Weissman, J. 1-3222
- Levin, L.A., Moody, S.E., Klosterman, E.L., Ewing, J.J., Center, R.E. XeCl long pulse laser kinetics model 1-37469
- Levin, L.A. *see* Tenenbaum, J. 1-51456, 1-51457
- Levin, L.E. *see* Khain, V.E. 1-49253
- Levin, L.I. Basic mechanisms of S-state splitting for the Gd^{3+} ion in crystals with low symmetry 1-2926
- Levin, M., Kuikka, J., Bassingthwaite, J.B. Sensitivity analysis is optimization of time-distributed parameters for a coronary circulation model 1-8790
- Levin, M. *see* Adar, E. 1-17711
- Levin, M.B. *see* Aristov, A.V. 1-29273
- Levin, M.D. *see* V'yun, V.A. 1-30540
- Levin, M.L., Polevoi, V.G., Rytov, S.N. Theory of heat transfer due to a fluctuation electromagnetic field 1-33875
- Levin, M.N. *see* Strygin, V.D. 1-8451
- Levin, O. *see* Makhutov, N. 1-34415
- Levin, R., Grayevsky, A., Shaltiel, D., Zevin, V. The crystalline electric field in some non-magnetic dialuminides compounds 1-47593
- Levin, R.H. Layered photoconductor 1-12139
- Levin, S.L. Application of Dobrushin's uniqueness theorem to N-vector models 1-23117
- Levin, S.V. *see* Evstuykhin, A.I. 1-16699
- Levin, V.A., Leibenzon, A.S. Nonsteady combustion waves in nonlinear heat conduction 1-24826
- Levin, V.A., Starik, A.M. Vibrational energy transfer in $\text{H}_2\text{O}-\text{H}_2\text{O}_2$ mixtures for gas cooled rapidly in supersonic nozzles 1-51843
- Levin, V.A., Taras'ev, G.S. Application of large elastic deformations in the space of final states 1-24683
- Levin, V.B. Free rotating layer of an electrically conducting fluid in an axial magnetic field 1-19831
- Levin, V.B. *see* Klyukin, A.A. 1-19832
- Levin, V.D. *see* Pobedrya, B.E. 1-9840
- Levin, V.M., Mazur, M.M., Pustovoi, V.I. Acousto-optical analog of the Borman effect in semiconductors 1-3366
- Levin, Yu.B. *see* Agafonov, M.S. 1-31329
- Levina, G.P. *see* Kudryavitskii, A.L. 1-46538
- Levina, I.M., Belyustin, A.V. Growth kinetics of prism faces of KDP crystals 1-7108
- Levina, L.E. *see* Goryainov, A.I. 1-44941
- Levine, A.H., Otis, D.R. Free convection in a piston-cylinder enclosure with sinusoidal piston motion 1-1984
- Levine, A.M. *see* Gruber, D.E. 1-22837
- Levine, A.M. *see* Primini, F.A. 1-49830
- Levine, B.F., Bethe, C.G., Tretola, A.R., Korngor, M. Stimulated Raman scattering from 20-Å layers of silicon on sapphire 1-15216
- Levine, H. A note on sound radiation into a uniformly flowing medium 1-1756
- Levine, H. On source radiation 1-11217
- Levine, H. *see* Kessler, D.A. 1-23046
- Levine, H. *see* Leppington, F.G. 1-19519
- Levine, H.H. *see* Croft, M. 1-20979
- Levine, J.D. *see* Lind, K.E. 1-6027
- Levine, J.S., Boughner, R.E., Smith, K.A. Ozone, ultraviolet flux and temperature of the paleoatmosphere 1-49389
- Levine, J.S., Crawford, F.W. Langmuir probe measurements of double-layers in a pulsed discharge 1-19990
- Levine, J.S., Crawford, F.W. Plasma double-layer produced by ponderomotive force 1-38145
- Levine, M.D. *see* Ferrie, F.P. 1-53765
- Levine, M.J., Warburton, E.K., Schwalm, D. Static quadrupole moments for the 2^2 states of $^{54,56}\text{Fe}$ 1-41056
- Levine, M.J. *see* Branford, D. 1-36935
- Levine, M.M. *see* Hsu, C.J. 1-10493
- Levine, M.M. *see* Lu, M.S. 1-28677
- Levine, M.W. *see* Vessot, R.F.C. 1-27855
- Levine, R.D. Information theory approach to molecular reaction dynamics 1-10799
- Levine, R.D. Does chaotic time evolution rule out selective processes in isolated molecules? 1-30418
- Levine, R.D., Steadman, S.G. Information-theoretic analysis of gamma-ray multiplicities in deep-inelastic collisions 1-18594
- Levine, R.D. *see* Kafri, O. 1-36591
- Levine, R.D. *see* Zamir, E. 1-8551, 1-21707, 1-48692
- Levine, S.H. *see* Gui, A. 1-41168
- Levine, S.H. *see* Ocampo, H. 1-50857
- Levinger, J.S. *see* Clare, R.B. 1-41099
- Levinger, J.S. *see* Snell, A.H. 1-22987
- Levinsky, H.B., Brenner, H.C. Direct measurement of spectral diffusion rates in localized photoexcited triplet states: optically detected stimulated spin echoes in zero field 1-47975
- Levinson, D.A. *see* Hitzl, D.L. 1-4751
- Levinson, D.I., Antonov, P.I. On the impurity distribution in germanium single crystals grown by Stepanov's method 1-2359
- Levinson, D.I., Rovinskii, I.E., Rogalin, V.E., Rykun, E.P., Tsenina, I.S., Sheikhet, E.G., Trainin, A.L. Properties of profiled germanium single-crystals exposed to pulsed CO_2 -laser radiation 1-31242
- Levinson, F.H., Brown, R.L. Analysis and interpretation of H I self-absorption lines. I 1-44610
- Levinson, H.J. *see* Gustafsson, T. 1-41440
- Levinson, I.B. Nonlocal phonon heat conductivity 1-12095
- Levinson, L. *see* Aston, D. 1-50470
- Levinson, M. A new rectangular beam theory 1-51701
- Levinson, M. *see* Bharatha, S. 1-33888
- Levinson, S. *see* Kunhardt, E.E. 1-38045
- Levinson, S.E. An overview of speech recognition research at Bell Laboratories 1-29481
- Levinson, Y.B. Nonlocal phonon heat transfer 1-7402
- Levinstein, H.J. *see* Murarka, S.P. 1-34798
- Levinthal, D.A. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Levitova, T.Ya., Polyakova, I.P. Variable-magnification copying objective lens 1-37581
- Levinzon, D.I., Sidorenko, P.V., Shershel, V.A., Peller, V.V. Oxygen-magnesium reactions in germanium 1-31336
- Levit, B.I. *see* Gershenzon, E.M. 1-37497
- Levit, P.A. *see* Gennadiev, N.N. 1-33013
- Levit, S., Negele, J.W., Paltiel, Z. Barrier penetration and spontaneous fission in the time-dependent mean-field approximation 1-14562
- Levitanski, Yu.I. *see* Shuvalov, L.A. 1-7289
- Levitin, A.K. *see* Afonina, R.G. 1-4711
- Levitin, R.Z. *see* Berezin, A.V. 1-7877
- Levitin, R.Z. *see* Valiev, U. 1-52924
- Levitin, V.V. The physical mechanism and the structural model of creep in metals 1-39381
- Levitin, V.V., Stoyanova, E.N., Kurnavina, L.P., Orlov, M.R. Microchemical heterogeneity and some structural characteristics of a nickel-chromium alloy 1-39343
- Levitov, V.I. *see* Bazelyan, E.M. 1-15730
- Levitov, V.I. *see* Goncharov, V.A. 1-15589
- Levitskaya, N.V. *see* Bessonov, V.I. 1-44906
- Levitskii, L.S. The equatorial zone of avoidance in propagation of cosmic rays from the Sun during the solar activity decline of 1970-1974 1-27349
- Levitskii, L.S., Vladimirov, B.M. Influence of sector structure of interplanetary magnetic field of Jupiters dekameter radio emission 1-27417
- Levitskii, M.O., Karvatskii, L.M. Fatigue crack growth rate and grain size in Armco iron 1-31619
- Levitskii, N.P., Khramova, M.A., Postnov, A.I., Zimenkov, V.I. Measurement of aerodynamic forces and moments with strain-gauge scales 1-5304
- Levitskii, P.P., Zachek, I.R., Varanitskii, V.I. Relaxation dynamics of order-disorder type ferroelectric compounds with asymmetric double-well single-particle potential 1-31088
- Levitskii, R.R., Zachek, I.R., Varanitskii, V.I. Relaxation processes in hydrogen-bond KD_2PO_4 ferroelectrics 1-34983
- Levitskii, R.R. *see* Korinevskii, N.A. 1-52901
- Levitsky, M. *see* Gensch, U. 1-595
- Levitt, H. *see* Dubno, J.R. 1-37716
- Levitt, L.S. The gravitational constant at time zero 1-5006
- Levitt, M.H., Freeman, R. Simplification of NMR spectra by masking in a second frequency dimension 1-14151
- Levitt, S.H. *see* Chang W. Song 1-53760
- Levitz, N. *see* Winsch, I.O. 1-23828
- Levkun, L.V., Skleznev, A.G. Apparatus for automating monitoring of the wall thickness of transparent tubes by an interference method 1-24541
- Levkovskii, V.N. Systematics of (n,p) and (n, α) cross sections 1-23662
- Levman, G. *see* Derrick, M. 1-45261
- Levoir, P. *see* Albert, J.L. 1-50227
- Levon, A.I. *see* Lebedev, V.N. 1-50481
- Levonian, S.V. *see* Batyuna, B. 1-600
- Levonian, S.V. *see* Boos, E.G. 1-5661
- Levonovich, B.N., Kornitskii, A.G., Kireev, P.S., Spitsyn, A.V. Some electrical and photoelectric properties of inhomogeneous structures obtained by implantation of silver ions in cadmium selenide single crystals 1-20821
- Levsen, K. *see* Wagner, W. 1-8546
- Levshin, A.I. *see* Bukchin, B.G. 1-29616
- Levshin, L.V., Saletskii, A.M., Yuzhakov, V.I. Migration of electronic excitation in alcoholic solutions of rhodamine dyes 1-43161
- Levshin, N.L. *see* Kiselev, V.P. 1-42845
- Levtov, V.I. *see* Agafonov, M.S. 1-31329
- Lery, A. *see* Hess, J. 1-26097
- Lery, A. *see* Lacombe, N. 1-45954
- Lery, A. *see* Piolet-Marcel, E. 1-45926
- Lery, B. *see* Chambaud, G. 1-10835
- Lery, C.D.P. *see* Hutchinson, M.H.R. 1-29268
- Lery, D.H. The structure of very cold gases 1-46168
- Lery, D.H. *see* Brumbaugh, D.V. 1-37237
- Lery, D.H. *see* DeKoven, B.M. 1-48664
- Lery, D.H. *see* Johnson, K.E. 1-39659, 1-46010
- Lery, D.H. *see* Kenny, J.E. 1-10800
- Lery, F. *see* de Billy, L. 1-23512
- Lery, F. *see* Vaterlaus, H.P. 1-12504
- Lery, G. Modelling of Coulomb damping and wear of vibrating systems 1-48526
- Lery, G., Parry, A.A. Studies of impact phenomena 1-53251
- Lery, G. *see* Bologna, G. 1-28817
- Lery, G.C., Rinaldi, P.L., Bailey, J.T. Yttrium-89 NMR: A possible spin relaxation probe for studying metal ion interactions with organic ligands 1-14938
- Lery, G.C. *see* Dechter, J.J. 1-16494
- Lery, H. *see* Liu, S.C. 1-44256
- Lery, J.M. *see* Aston, D. 1-14399
- Lery, J.-M. *see* Aston, D. 1-45297, 1-50442
- Lery, M., Foulletier, J., Kleitz, M. Electronic conductivity of non-stoichiometric yttria-doped ceria 1-2959
- Lery, M., Tal, Y. Energy-density relations and screening constants in atoms 1-37115
- Lery, M. *see* Fredricksen, H.P. 1-52704
- Lery, M. *see* Schneider, S.C. 1-20918

- Lery, M. *see* Tai, Y. 1-45847
- Lery, N. Ultraviolet analysis of graded-index light-guide preforms 1-41840
- Lery, P.M. Multipolar f-electron-conduction band interactions in rare earth compounds 1-20688
- Lery, P.W., Swyler, K.J., Klaffky, R.W. Radiation induced color center and colloid formation in synthetic NaCl and natural rock salt 1-2512
- Lery, R.A. *see* Ruckman, M.W. 1-2334
- Lery, S., Clowes, R.M. Debubbling: a generalized linear inverse approach 1-54261
- Lery, S.G. *see* Abt, H.A. 1-40528
- Lery, S.V.F. *see* Curado, E.M.F. 1-42977
- Lery, T. Propagation of waves in a mixture of fluids 1-24564
- Lery, Y. Surface electromagnetic waves: application to Raman spectroscopy 1-19243
- Lery, Y. Guided wave propagation and integrated optics 1-37627
- Lery, Y. *see* Highman, V. 1-8965
- Lery, Y. *see* Loulorgue, J.C. 1-1719
- Lery-Clement, C. *see* Katty, A. 1-12153
- Lery-Garbova, V. The economics of energy prices: doubts and uncertainty 1-8652
- Lery-Leblond, J.-M. Classical apples and quantum potatoes 1-36533
- Lewandowski, S. *see* Gemmeke, H. 1-18668
- Lewandowski, Z., Loeffler, E., Wagner, R., Brunner, F., Muller, H.H., Reichart, W., Schober, P., Kozlowski, M. Analyzing power for the inclusive reaction $^{12}\text{C}(\text{p}_{\text{geo}}, \alpha, \dots)$ in the continuum at $E_p = 72$ MeV 1-18634
- Lewendel, B. *see* Berger, C. 1-5636
- Lewendel, B. *see* Berger, Ch. 1-14404, 1-23511, 1-42555, 1-45331, 1-50412
- Lewerenz, H.J. *see* Kotz, R. 1-3370
- Lewin, C. *see* Arestov, Yu. 1-5668
- Lewin, C. *see* Arestov, Yu.I. 1-36892
- Lewin, C. *see* Denegri, D. 1-28356
- Lewin, C. *see* Gensch, U. 1-595
- Lewin, S.Z., Charola, A.E. Aspects of crystal growth and recrystallization mechanisms as revealed by scanning electron microscopy 1-20597
- Lewin, W. *see* Pietsch, W. 1-54661
- Lewin, W.H.G., van Paradijs, J., Cominsky, L., Holzner, S. X-ray observations of 4U/MXB 1735-44 1-9733
- Lewin, W.H.G. *see* Basinska, E.M. 1-22926
- Lewin, W.H.G. *see* Cominsky, L. 1-49855
- Lewin, W.H.G. *see* Doty, J.P. 1-49714
- Lewin, W.H.G. *see* Gruber, D.E. 1-22837
- Lewin, W.H.G. *see* Hoffman, J.A. 1-13884
- Lewin, W.H.G. *see* Primini, F.A. 1-49830
- Lewiner, C., Bastard, G. Indirect exchange interactions in zero-gap semiconductors: anisotropic effects 1-2929
- Lewins, J., Becker, M. (editor) Advances in nuclear science and technology, vol.12 1-13938
- Lewins, J.D. Equations for the stochastic cumulative multiplying chain 1-36980
- Lewins, J.D. Stochastic distribution of prompt neutrons in a super-critical reactor 1-50786
- Lewins, J.D. *see* Campbell, G.A. 1-50704
- Lewinska-Romicka, A. *see* Solnica, W. 1-48601
- Lewis, *see* Armstrong 1-10254
- Lewis, A. *see* Ehrenberg, B. 1-48949
- Lewis, A. *see* Theye, M.-L. 1-12108
- Lewis, A.W. Ireland - requirements for remote sensing of wave data 1-54297
- Lewis, B.F. *see* Grunthaner, F.J. 1-43239
- Lewis, B.L., Olin, I.D. Experimental study and theoretical model of high-resolution radar backscatter from the sea 1-4527
- Lewis, B.R., Carver, J.H., Hobbs, T.L., McCoy, D.G., Gies, H.P.F. Rotational variation of predissociation linewidths for the Schumann-Runge bands of molecular oxygen 1-1284
- Lewis, C. *see* Gaskin, R.E. 1-10010
- Lewis, C.L.S., Cooke, L., Lunney, J.G., Moore, A., Ward, J.M., Evans, R.G., Key, M.H., Rumsby, P.T., Hall, T.A. Time resolved X-ray shadowgraphy of laser driven ablative implosions 1-29915
- Lewis, C.L.S. *see* Key, M.H. 1-25013
- Lewis, C.W. *see* Stevens, R.K. 1-53732
- Lewis, D. Comparison of critical ΔT_c values in thermal shock with the R parameter 1-43374
- Lewis, D., III *see* Becher, P.F. 1-3789
- Lewis, D.A., Hill, J.C., Wahn, F.K., Gartner, M.L. Decay of mass-separated ^{74}Ge to levels in even-even ^{74}Ge 1-14464
- Lewis, D.A. *see* Wahn, F.K. 1-23610
- Lewis, E. *see* Hertford, D. 1-13279
- Lewis, E.E. *see* Ozgner, H.A. 1-45571
- Lewis, E.L., Salter, J.M., Harris, M. The polarisation of collisionally redistributed fluorescence resulting from line wing excitation 1-45893
- Lewis, F.A. Hydrogen isotope absorption and separation by palladium and palladium alloys 1-21767
- Lewis, F.A. Molecular hydrogen diffusion overpotential and local cell hydrogen transfer processes at electrodes of palladium, palladium alloys and other transition metals, and implications for theories of hydrogen overpotential 1-39647
- Lewis, F.A. *see* Mazzolai, F.M. 1-20312, 1-42460
- Lewis, F.D. *see* Buchele, J.L. 1-33457
- Lewis, F.D. *see* Lee, D.A. 1-7016
- Lewis, G. The economics of solar space heating in Zambia 1-21926
- Lewis, G. Irradiance estimates for Zambia 1-53562
- Lewis, G. *see* Feldstein, C. 1-40032
- Lewis, G.M. *see* Costa, G. 1-23516
- Lewis, G.M. *see* Di Gennaro, V. 1-5660
- Lewis, G.M. *see* Evangelista, C. 1-23515
- Lewis, H.R. Numerical treatment of linearized equations describing inhomogeneous collisionless plasmas 1-2142
- Lewis, I.C. Thermal polymerization of aromatic hydrocarbons 1-21702
- Lewis, J. *see* Dong, R.Y. 1-43020
- Lewis, J. *see* Jenkins, T.E. 1-43112, 1-48091
- Lewis, J.B. *see* Wang, H.T.M. 1-23192
- Lewis, J.C. Distributions of collision times for rough disks and for a two-dimensional Lorentz gas with non-overlapping fixed scatterers 1-15775
- Lewis, J.E., Lasjaunias, J.C. Heat pulse experiments at very low temperatures in vitreous silica 1-16118
- Lewis, J.E. *see* Ho, P.S. 1-26366
- Lewis, J.M. Dynamical adjustment of 500 mb vorticity using P.D. Thompson's scheme - a case study 1-54221
- Lewis, J.S. Lightning synthesis of organic compounds on Jupiter 1-4816
- Lewis, L.F. *see* Wolff, P.M. 1-8737
- Lewis, L.L. *see* Hollister, J.H. 1-46151
- Lewis, M.A., Knudsen, J.T. The spatial growth rate of stimulated Raman scattering in ethanol 1-46444
- Lewis, M.H., Buja, L.M., Parkey, R.W., Mischevich, D.J., Bonte, F.J., Saffer, S.I., Richmond, J.R., Willerson, J.T. A computer-based scintigraphic method for sizing acute inferior myocardial infarcts 1-22122
- Lewis, N.A. Potential energy diagrams. A conceptual tool in the study of electron transfer reactions 1-5053
- Lewis, N.S. *see* Bocarsy, A.R. 1-7729
- Lewis, O. *see* Abate, J.A. 1-41717
- Lewis, P.F. *see* Taylor, R.L. 1-4088
- Lewis, P.T., James, A. Noise levels in the vicinity of traffic roundabouts 1-19509
- Lewis, R.R. *see* Dunford, R.W. 1-24277
- Lewis, R.S. *see* Hayatsu, R. 1-44515
- Lewis, R.S. *see* Matsuda, A. 1-49582
- Lewis, R.S. *see* Whittaker, A.G. 1-44514
- Lewis, R.W. Analysis with finite elements of the filtering motion of multiphase fluids 1-34008
- Lewis, R.W. *see* Srinatha, H.R. 1-19581
- Lewis, R.W. *see* Thomas, H.R. 1-1801
- Lewis, S.M. Machian effects in nonasymptotically flat space-times 1-44799
- Lewis, T.J. *see* Wright, J.A. 1-54019
- Lewis, V.E. *see* Thomas, D.J. 1-28484
- Lewis, W., Cominsky, L., Lawrence, A. Optical/infrared/X-ray observations in 1981 1-36192
- Lewis, W.L. *see* Dunning, J.D. 1-22336
- Lewney, J.A. Avoiding the consequences of excessive vibration in industry 1-37682
- Lewonczuk, S., Gross, J.G., Ringeisen, J. Temperature dependence of the spin-orbit coupling and energy gap in cuprous bromide 1-38757
- Lewonczuk, S. *see* Gross, J.G. 1-42687
- Lewry, J.F., Sibbald, T.I.I. Thermotectonic evolution of the Churchill Province in northern Saskatchewan 1-22302
- Lexa, A.F. *see* Ball, R.M. 1-18823
- Lxcellent, C. *see* Delobelle, P. 1-21523
- Ley, L., Martensson, N., Azoulay, J. Enhanced multielectron effects in the core-level spectra of calcium, strontium, and barium 1-8188
- Ley, L., Shanks, H.R., Fang, C.J., Gruntz, K.J., Cardona, M. Infrared and photoemission spectra of amorphous fluorinated silicon 1-53005
- Ley, L. *see* Fang, C.J. 1-39095
- Ley, L. *see* Hochst, H. 1-48222
- Ley Koo, E. *see* Aguilera-Navarro, V.C. 1-18064, 1-33393
- Ley-Koo, E., Castano, E., Finotello, D., Nahmad-Achar, E., Ulloa, S. Alternative form of the hydrogenic wave functions for an extended, uniformly charged nucleus 1-22974
- Ley-Koo, E., Gongora, T., A. Charged particle motion in quadrupolar electric and uniform magnetic fields 1-5161
- Leycuras, A., Menexiadis, G. Thermal conductivity and density measurements of liquid mercury 1-42740
- Leycuras, C. *see* Picard, J. 1-25990
- Leydorp, R.A., Petrovskii, G.T. Obtaining optical glasses with nontrivial properties in fluorophosphate systems 1-26157
- Leyrelop, A. *see* Dostal, J. 1-13419
- Leyris, J.P. *see* Agüero, G. 1-52981
- Leyris, J.P. *see* Poure, A. 1-43188
- Leyzen, R. *see* Vandenberg, H. 1-39844
- Lezhepekov, V.P. *see* Bychkov, R.A. 1-12714
- Leznov, A.N., Savel'ev, M.V. Exact solutions of the cylindrically symmetric configurations of gauge fields 1-36791
- Leznov, A.N., Saveliev, M.V., Leites, D.A. Superalgebra $b(0,1)$ and explicit integration of the supersymmetric Liouville equation 1-14269
- Lezoch, P., Trost, H.-J., Rahman, M.A., Strobusch, U. Influence of spin-orbit coupling in $(^3\text{He}, ^7\text{Be})$ α -pickup on ^{12}C and ^{16}O 1-28451
- Lezoch, P. *see* Bock, P. 1-10234
- L'Haronid, H. *see* Favennec, P.N. 1-2476
- Lhersonneau, G. *see* Huyse, M. 1-41072
- Lhoste, G. *see* Schmitz, F. 1-822
- Lhuillier, C., Laloe, F. Quantum properties of spin polarized ^3He ($^3\text{He}(\text{spin up})$) 1-1301
- Lhuillier, C., Levesque, D. Three-body-correlation effect on the ground-state properties of ^3He and spin polarised ^3He 1-52385
- Lhuillier, C. *see* Levesque, D. 1-2747
- Li, C.C. Characterization of thermally sprayed coatings for high temperature wear protection applications [in HTGR] 1-18769
- Li, C.C., Tai, H.T., Shu, B.C., Kunkel, G.A., Wang, Y. Computer-aided recognition of linear opacities in chest radiographs 1-9017
- Li, C.C. *see* Fuchs, F. 1-4402
- Li, C.H. *see* Kang, W.M. 1-12638
- Li, D., Xu, E., Liu, J., Du, Y. The 2-17 type $\text{Sm}_{2-3}\text{HfRe}, \text{Co}_{10}\text{Cu}_4\text{Fe}_3\text{Zr}_{10}(\text{HfRe}=\text{Gd, Tb, Dy, Ho, Er})$ magnets with low temperature coefficient 1-7901
- Li, F.K., Joss, P.C., McClintock, J.E., Rappaport, S., Wright, E.L. 4U 1626-67 and the character of highly compact binary X-ray sources 1-17907
- Li, F.Y. *see* Chang, T. 1-11011
- Li, G. *see* Hahn, G. 1-53820
- Li, H. *see* Pai, S.I. 1-27182
- Li, H.F. *see* Ma, R.Y.P. 1-4376
- Li, H.H. Refractive index of silicon and germanium and its wavelength and temperature derivatives 1-9778
- Li, H.H. The infrared absorption coefficient of alkali halides 1-31116
- Li, H.J., Zhang, Z.W. A study of raindrop size distributions in central and northwest China and their effects on some propagation parameters for wavelengths from 0.86 cm to 10 cm 1-54156
- Li, J. *see* Barber, D.P. 1-534, 1-28309
- Li, J. *see* Zhu, J.-K. 1-46022
- Li, J.C.M. Chemical potential for diffusion in a stressed solid 1-52333
- Li, J.C.M. *see* Chu, S.N.G. 1-12781, 1-21511
- Li, J.C.M. *see* Tac-Moon Ahn 1-16850
- Li, J.K.-J., Melbin, J., Campbell, K., Noordergraaf, A. Evaluation of a three point pressure method for the determination of arterial transmission characteristics 1-49031
- Li, K.K., Dienes, A., Whinnery, J.R. Stability and astigmatic compensation analysis of five-mirror cavity for mode-locked dye lasers 1-41750
- Li, K.K. *see* Carroll, A.S. 1-14372
- Li, K.K. *see* Chiang, I.-H. 1-45353
- Li, L.S. *see* Kwok-leung Yip 1-42815
- Li, P.S., Clem, J.R. Johnson noise in ideal type-II superconducting films 1-52727
- Li, Q.Z. *see* Barber, D.P. 1-534, 1-28309
- Li, S.K. Method of switching optical communication channels 1-46586
- Li, S.P., Maserjian, J., Prussin, S. Model for MOS field-time-dependent breakdown 1-42865
- Li, S.S., Schoenfeld, D.W., Chiu, T.T., Loo, R.Y. Effects of thermal annealing on the deep level defects and I-V characteristics of 200 KeV proton irradiated AlGaAs-GaAs solar cells 1-48855
- Li, T. Structures, parameters, and transmission properties of optical fibers 1-11112
- Li, T., Sun, X., Woo, C.-W. Theory of quantum solids: effect of lattice symmetry and anisotropy in the pair-correlation function 1-11955
- Li, T.C. *see* Cassano, A.A. 1-48788
- Li, V.V. *see* Gaziev, U.Kh. 1-13157
- Li, Y.-K. *see* Mumjard, A.S. 1-15523
- Li, Y.S. *see* Durig, J.R. 1-10723, 1-28907, 1-41372, 1-45939
- Li Bei-Foo *see* Tang Au-Chin 1-7566
- Li Bing An *see* Bing An 1-18489
- Li Bing-an *see* Shen Qi-xing 1-18489
- Li Che-Yu *see* Che-Yu Li
- Li Chengxiu *see* Ni Ruicheng 1-52336
- Li Ching Teh *see* Ching Teh Li
- Li Chu-Hsia *see* Chu-Hsia Li
- Li Chun-Fi Bistable optical devices with nonlinear feedback 1-6603
- Li Chun-li *see* Wu De-hai 1-53209
- Li Cunti, Zheng Xiangyuan, Deng Shunxing Seismomagnetic effect of Tangshan earthquake 1-32350
- Li Dan-hui *see* Mo Dang 1-20244
- Li De-Zhen *see* Jia Shou-Quan 1-47236
- Li Dong-Jie *see* Wei Qing-Yun 1-49199
- Li Dong-sheng *see* Li Guo-dong 1-52753
- Li Guang-Lie *see* Guang-Lie Li

- Li Guo-dong, Feng Min-ying, Shao Han-ru, Li Shi, Wu Wei-fang, Li Dong-sheng Study of the magnetic properties and Mossbauer effect of a Fe-Cr-Co-Si permanent magnetic alloy 1-52753
- Li Guo-dong see Cao Ke-ding 1-5327
- Li Hui-xin, Hu Ceng-da, Chao Bo-lin The investigation of 1.35 cm microwave radiometer used in remote sensing atmospheric water vapor 1-28061
- Li Jia-ming, Zhao Zhong-Xin Systematic variation of line-shift of K_{α} radiation from atomic ions 1-51162
- Li Jia-quan Low temperature plasma in a magnetic well 1-42191
- Li Ke-Long see Feng De-Yi 1-4428
- Li Li-Shing see Li-Shing Li
- Li Ling-Fong see Ling-Fong Li
- Li Ming Chiang see Ming Chiang Li
- Li Ming-sheng see Tang Xian-de 1-53211
- Li Ming-xian see Ying Chong-Fu 1-46647
- Li Pan-lin see He Ze-jun 1-18695
- Li Peizi see Ma Dayou 1-33953
- Li Peng-fei, Fan Hai-fu, Zheng Qi-tai Application of the anomalous scattering effect in treating the problem of double images resulting from Patterson analysis 1-25119
- Li Qiang-Fa Theoretical analysis of open resonators in the form of waveguide with slow-varied cross section 1-46189
- Li Qin-Zu General features of the stress field in the crust of North China 1-54018
- Li Qin-Zu see Zhang Zhi-Li 1-9084
- Li Qun see Deng L. Qi-Dong 1-4433
- Li Shi, Zang Pei-qun, Ji Gui-quan, Luo He-Lie, Sun Ke Study of the Mossbauer effect of γ -Fe₂O₃ powder with Co₂Fe₂O₄-doped coating 1-52871
- Li Shi see Li Guo-dong 1-52753
- Li Shi-Qun see Shi-Qun Li
- Li Shiqiong see Chu Wuyang 1-39500
- Li Shu-shan, Lin Guang-hai Calculations of the equations of state for some simple metals with pseudopotential method 1-2587
- Li Shu-shan, Lin Guang-hai Calculations of Hugoniot curves for five simple metals with pseudopotential method 1-47207
- Li Shu-Zhen see Liu Mao-San 1-41268, 1-46196
- Li Sin-zhou, Gu Ming-zhao, Yin Peng-cheng Graded algebra SU(1|n) and gauge models 1-50302
- Li Tiecheng see Tiecheng Li
- Li Tingshu, Dai Qianhuan Synthesis of liquid crystals containing oxazole ring 1-38265
- Li Wei-bao see Yang Hai-shou 1-40450
- Li Wen-long The 100 tonf national force reference machine 1-23223
- Li Wen-long see Dong Xian-quan 1-23183
- Li Wen-xiu see Tang Di-sheng 1-53160
- Li Wenchong A mode-locked Ar⁺ laser with a new type of acousto-optical modulator 1-29251
- Li Xiaoyuan Some comments on selection rules for nonleptonic decays of charmed particles 1-28315
- Li Xing Zhong see Xing Zhong Li
- Li Xing-bong, Chang Yu-hua, Wu Ji-lan Studies on small dose irradiation of silkworm eggs with Ra-Be neutron source. ⁶⁰Co gamma-ray source or ¹⁴⁷Pm beta-ray source 1-32188
- Li Xiu-fang see Xu Zu-yuan 1-46361
- Li Xiu-ying see Chen Xian-song 1-24359
- Li Xuechu, Lou Nanquan The vibrational population inversion and relaxation kinetics of the C₂^{*}, d¹¹, state 1-8571
- Li Yanguo, Zhang Yu-Shun, Chen Xiao-Tian, Yuan Tu-Nan Multiple scattering theory and high energy p-p elastic scattering 1-41012
- Li Yanguo see Chen Xiaotian 1-18505
- Li Yi-gui, Teng Teng, Zhang Liang-ping An investigation on thermodynamics of solvent extraction of metals. I. UO₂Cl₂-TBP system 1-48720
- Li Yian-Guo see Chen Ying-Xuan 1-49465
- Li Yinting, Guan Dexiang, Xue En Thermal model of continental lithosphere 1-32412
- Li Yong-hong see Wu Zi-qin 1-20410
- Li You-Ming, Sun Yong-Zhi, Yao Zhen-Xing A practical scheme on the computation of synthetic seismogram using 'reflectivity method' 1-54253
- Li Yu-Min see van Calster, A. 1-20872
- Li Yu-Zhi see Cao Xian-wen 1-3083
- Li Yuan-Hui see Yuan-Hui Li
- Li Yuqing, Liu Jingyan An electron diffraction study of γ' phase in Ni-Fe-Cr-Nb alloy 1-38327
- Li Yushan, Liu Hongju, Ren Bingfu, Yu Rongjin Ti-diffused LiNbO₃ optical waveguides with low loss 1-37607
- Li Yuzhi see Cao Xiaowen 1-3088
- Li Zeng-zhong see Dong Ke-qin 1-54219
- Li Zheng-yu see Zhang Yu-chang 1-21087
- Li Zhi-chao see Wu Xiao-ping 1-19264
- Li Zhu-Qi, Ruan Jing-Hui, Wu Shan-Ling, Yang Tong-Hua, He Min, Lu Ting, Cheng Zhi-Xu, Chen Gui-Ying, Ye Chun-Tang A rotating crystal neutron time-of-flight spectrometer for condensed matter investigation 1-46958
- Li-Chung, W., Wronski, A.S. Slip generation and distortion of cubical cavities in LiF single crystals by pressurization 1-34423
- Li-Chung Jea, Felbeck, D.K. Increased fracture toughness of graphite-epoxy composites through intermittent interlaminar bonding 1-21579
- Li-hua Xu see Xu Li-hua
- Li-jiu Ji see Ji Li-jiu
- Li-jun Tao see Tao Li-jun
- Li-min Zhang see Zhang Li-min
- Li-Ning Zhang see Zhang Li-Ning
- Li-Quan Chen see Chen Li-Quan
- Li-Shing Li, Pabst, R.F. Subcritical crack growth in partially stabilized zirconia (PSZ) 1-26592
- Li-wen Xu see Xu Li-wen
- Li-wu Peng see Peng Li-wu
- Li-yuan Zhang see Zhang Li-yuan
- Li Rossetti, M. see Borello, L. 1-48997
- Lian Qi see Qi Lian
- Lian Tan Swee see Swee Lian Tan
- Liang, C.F., Paris, P., Pehaire, A., Szichman, H. New results in the decay of ¹⁶⁰Ho and ¹⁵²Tm 1-18598
- Liang, E.P.T., Sachs, R.K. Cosmology 1-22936
- Liang, E.P.T., Thompson, K.A. Transonic disk accretion onto black holes 1-9558
- Liang, J. see McDonald, J.C. 1-44007
- Liang, K. see Chou, C.H. 1-11218
- Liang, K.S., Cramer, S., Johnston, D.C., Chang, C.H., Jacobson, A.J., deNeufville, J.P., Chianelli, R.R. Amorphous MoS₃ and WS₃ [structural studies] 1-30061
- Liang, L.P. see Wang, C.W. 1-5785
- Liang, N.T. see Shou Yih Wang 1-6703
- Liang, W.W., Lin, P.-L., Pelton, A.D. Analysis and calculation of binary and ternary phase diagrams containing NaCl, Na₂SO₄, Na₂CrO₄, Na₂MoO₄, and Na₂WO₄ 1-31430
- Liang, W.Y. see Bringsans, R.D. 1-47464, 1-48201
- Liang Guang-qi see Wu De-hai 1-53209
- Liang Jing-kui, Yu Yu-De The crystal structure and phase transitions of 2LiIO₃·H₂O 1-25206
- Liang Jing-kui, Zhang Yu-ling, Liu Hong-bin A new type of continuous solid solution—the variation of crystal structure types of Mg_{1/2}Li_{1-x}IO₃ with composition 1-2398
- Liang Wen-Jey see Wen-Jey Liang
- Liang Xi-xia see Gu Shi-wei 1-52491
- Liang Zhide, Xu Jiazheng, Wang Fu Three-dimensional orientation analysis for cold-rolled 08A1 steel sheet 1-53195
- Liang-An Tang see Tang Liang-An
- Liang-Chen Chen see Chen Liang-Chen
- Liang-ping Zhang see Zhang Liang-ping
- Liang-Shiun Chou, Shui Tien Lin Temperature dependence of the isomer shift in white tin 1-31079
- Liang-yu Wang see Wang Liang-yu
- Liang-zhong Zhao see Zhao Liang-zhong
- Lianis, G. see Papastavridis, J.G. 1-37829
- Liann Fwu-Ren see Fwu-Ren Liann
- Lianos, P., Lux, B., Gerard, D. Photophysical properties of pyrene and its derivatives of biophysical importance 1-29024
- Lianos, P., Zana, R. Fluorescence probing study of the effect of medium chain-length alcohols on the properties of tetradecyltrimethylammonium bromide aqueous micelles 1-17111
- Lianshan Chen see Chen Lianshan
- Liao, A.H. see Porter, L.D. 1-32367
- Liao, N.S. see Adabbo, C. 1-50802
- Liao, P.F., Glass, A.M., Humphrey, L.M. Optically generated pseudo-Stark effect in ruby 1-12079
- Liao, P.F. see Bergman, J.G. 1-39169
- Liao, P.F. see Freeman, R.R. 1-6210
- Liao Chienchu see Sun Fuyu 1-39410
- Liao De-chun see Zheng Da-wei 1-44064
- Liao Ji-zhi Three band intersection model describing the high spin states of even-even nuclei 1-18544
- Liao Liu see Liu Liao
- Liao Song-sheng see Yao Nai-yan 1-46996
- Liao-Fu Luo see Luo Liao-Fu
- Liard, C., Burger, D. System for studying the topography of delta rhythm during sleep: further development 1-27014
- Liard, M. see Guntherodt, H.J. 1-25619
- Liau, Z.L. see Hirvonen, J.K. 1-11775
- Liaw, J.R. see England, T.R. 1-50751
- Liaw, P.K., Fine, M.E., Davidson, D.L. Comparison of plastic work of fatigue crack propagation in low carbon steel measured by strain-gages and electron channeling 1-39417
- Liaw, P.K., Kwon, S.I., Fine, M.E. Plastic work of fatigue crack propagation in steels and aluminum alloys 1-53268
- Liaw, V.W. see Chen, R.J.J. 1-47247
- Libbra, F. see Delvo, P. 1-234
- Libby, R.A., Scherpelz, R.I., Clayton, E.D. Critical dimensions for arrays of (U,Pu)O₂ rods in water 1-50791
- Libchaber, A. see Maurer, J. 1-16123
- Libenson, B.N. see Korabely, V.V. 1-26321
- Libenson, M.N. see Bonch-Bruевич, A.M. 1-33742
- Libera, L. see Reinhardt, C. 1-20711
- Liberles, A. see Sosa, R.M. 1-24035
- Liberman, A. see Partridge, R. 1-10207, 1-18483
- Liberman, A.A. Method and measuring equipment for determining the absorption factor of a medium-power PSS receiving element [Primary State Standard measuring transducers] 1-5297
- Liberman, A.A. see Il'in, A.S. 1-5296
- Liberman, A.A. see Zagorskii, Ya.T. 1-5271
- Liberman, A.B. see Bashkirov, Sh.Sh. 1-20958
- Liberman, B.D., Panovko, V.M., Shelest, A.E. Calculation of doublet blurring of X-ray lines in the analysis of crystal structure 1-46956
- Liberman, D.A. see Cromer, D.T. 1-42261
- Liberman, S., Pinard, J., Duong, H.T., Juncar, P., Pillet, F., Vialle, J.-L., Jacquinet, F., Touchard, F., Buttgenbach, S., Thibault, C., de Saint-Simon, M., Klapisch, R., Pennelle, A., Huber, G. Laser optical spectroscopy on francium D₂ resonance line 1-19057
- Liberman, S. see Crubellier, A. 1-45922
- Librowa, G.I. see Zakuradze, I.V. 1-30531
- Libert, J. Counting statistics for different dead time distributions 1-28829
- Libert, J., Meyer, M., Quentin, P. Spectroscopic properties of ^{237,239}Pu fission isomers from self-consistent calculations 1-5698
- Libert, J. see Simon, R.S. 1-23549
- Liberto, S.D. see Di Liberto, S.
- Liberts, G.V. Optical second-harmonic generation in lead-magnesium niobate and lead-scandium niobate single crystals 1-8015
- Liberts, G.V., Sadovskaya, L.Ya. Study of phase transitions by SHG techniques in strontium tellurite single crystals 1-39050
- Libeyre, B. see Aymar, R. 1-46909
- Libik, L.P. see Andronov, V.P. 1-19404
- Libin, I.Ya. see Aleksan'yan, T.M. 1-36187
- Libin, I.Ya. see Belov, A.V. 1-36128
- Libin, I.Ya. see Dorman, L.J. 1-36136
- Libowitz, G.G. see Macleand, A.J. 1-20557, 1-20558
- Librovich, V.B. see Dudkin, V.A. 1-33717
- Librowsch, A.L. see Barkow, A.S. 1-36487
- Libura, W., Zasadzinski, J. Extrusion of metals with a regulated deformation zone 1-16830
- Liburdy, J.A., Wofford, J.L. Acoustic oscillation phenomena in low-velocity steady flow with heating 1-51741
- Liburdy, R.P. Radiofrequency radiation alters the immune system. II. Modulation of in vivo lymphocyte circulation 1-4327
- Liburdy, R.P., Hunter, D., Wyant, A.R., Tatsch, R.E. Indium-114m in dual-nuclide studies with Cr-51: comparison with indium-111 1-32319
- Liburg, M.Yu. see Efimov, V.A. 1-41007
- Licel, F. see Deriu, A. 1-47908
- Licciardello, D.C. Why do glassy materials possess energy gaps? 1-12021
- Licciardello, D.C. A theory of glassy semiconductors 1-25665
- Licciardello, D.C., Soonpa, H.H. Variable range hopping in a thin crystal [of Bi₂(Te_{1-x}S_x)₃] 1-7619
- Licciardello, D.C., Stein, D.L., Haldane, F.D.M. Excitations and metastability in amorphous semiconductors 1-47575
- Lichard, P. see Batyunya, B.V. 1-600
- Lichard, P. see Bohacik, J. 1-568
- Lichenrowicz, A. Deformations and quantization 1-32055
- Lichenrowicz, A. see Flato, M. 1-33126
- Licht, A.L. X-rays from a free-electron laser 1-10971
- Licht, S.J. see Blank, S.L. 1-8242
- Licht, T. Acoustic emission technique used in non-destructive testing 1-26708
- Lichte, F.E. see Taylor, H.E. 1-35964
- Lichte, H. An electron mirror interference microscope for precise measurement of height profiles and potential differences of surfaces 1-395
- Lichten, W. Molecular orbital model of atomic collisions 1-14810
- Lichtenberg, A.J., Lieberman, M.A., Cohen, R.H. Fermi acceleration revisited 1-18159
- Lichtenberg, D.B. Quark-cluster model in N colors 1-518
- Lichtenberg, D.B. Small contributions to baryon magnetic moments 1-40997
- Lichtenberg, D.B., Wills, J.G. Two-channel description of the rho meson and Delta baryon 1-50390
- Lichtenberg, W. see Nolte, G. 1-24214
- Lichtenberg, W. see Schwier, G. 1-43948
- Lichtenberger, P.C. see Schulte, C.W. 1-8156
- Lichtenberger-Bajza, E. see Csanday, A. 1-21813
- Lichtenstadt, J. see Goutte, D. 1-14443
- Lichtenstadt, J. see Hamamoto, I. 1-14456
- Lichtenstadt, J. see Papanicolaou, C.N. 1-50547
- Lichtensteiger, M., Webb, C., Lagowski, J. Electron stimulated adsorption: surface activation and preferential binding of oxygen to sulfur on Cds 1-2820
- Lichtenstein, S. see Slovic, P. 1-50838
- Lichtensthaler, R.N. see Heintz, A. 1-21755
- Lichter, A.S. see Padikal, T.N. 1-22128
- Lichti, G. see Whang, B.C.Y. 1-48687
- Lichti, G.G. see Bignami, G.F. 1-36429
- Lichti, G.G. see Kanbach, G. 1-13792

- Licht, G.G. *see* Pollock, A.M.T. 1-44631
- Licht, R. *see* Chung, S.U. 1-14423, 1-45362
- Lichtin, D.A., Datta-Ghosh, S., Newton, K.R., Bernstein, R.B. Laser multiphoton ionization in a time-of-flight mass spectrometer: vibronic/mass spectra of triethylenediamine from 425 to 560 nm 1-10788
- Lichtman, D. *see* Van Hieu, N. 1-47383
- Lichtmann, L.S., Sarhangi, A., Fitchen, D.B. Resonant Raman spectra of deuterated polyacetylene, (CD), 1-39172
- Lichtscheidt, J. *see* Hartig, K.J. 1-48256
- Lichy, D.E., Mattie, M.G. A ground truth site for testing remote sensing techniques to study coastal and marine phenomena 1-27322
- Licican, L.C. *see* Acodo, H.A. 1-48275, 1-48276
- Lidekja, T.P. *see* Dedegkaev, T.T. 1-52455
- Liden, J., Ginstrop, O., Ingri, N. A probe for the measurement of pH and p_H in situ a natural water system 1-42027
- Lidiard, A.B. The volume of formation of Schottky defects in ionic crystals 1-52131
- Lidiard, A.B. *see* Catlow, C.R.A. 1-42376
- Lidorenko, N.S., Gudkov, L.A., Dashevskii, Z.M., Kotelnikov, V.A., Kolomoets, N.V. Size effects in single-crystal PbTe films 1-20887
- Lidow, A., Gibbons, J.F., Delone, V.R., Evans, C.A., Jr. Ion implanted Se in GaAs 1-2479
- Lidsky, L.M. *see* Potok, R.E. 1-6937
- Lie, I. Visual detection and resolution as a function of retinal locus 1-13241
- Lie, S.G. *see* Sprung, D.W.L. 1-36894
- Lie, Y.T. *see* Bogen, P. 1-25059
- Lie, Y.T. *see* Pospieszczyk, A. 1-30554
- Lieb, B.J., Plendl, H.S., Funsten, H.O., Stronach, C.E., Lind, V.G. Nuclear γ rays from 720-MeV α -induced reactions on ^{27}Al and ^{28}Si 1-5732
- Lieb, D. *see* Goodale, D.B. 1-53638
- Lieb, E.H. A refinement of Simon's correlation inequality 1-3181
- Lieb, E.H. Variational principle of many-fermion systems 1-40708
- Lieb, E.H. *see* Aizenman, M. 1-40721
- Lieb, E.H. *see* Brimont, J. 1-40717
- Lieb, J.P., Joseph, J.P., Engel, J., Jr., Walker, J., Crandall, P.H. Sleep state and seizure foci related to depth spike activity in patients with temporal lobe epilepsy 1-26888
- Lieb, K.P. *see* Panqueva, J. 1-28370
- Liebau, F. *see* Czank, M. 1-20189
- Liebau, F. *see* Wellmann, B. 1-52120
- Liebenau, V. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Liebenberg, D.H., Mills, R.L., Bronson, J.C. Sound velocity and equation of state measurements in high pressure liquid and solid helium 1-38612
- Lieber, A.J. *see* Solem, J.C. 1-38458
- Lieber, M. *see* Chan, F.T. 1-33565
- Lieberg, M. *see* Kim, S.H. 1-45735
- Lieberman, A. Application of optical particle counters to air quality monitoring 1-21961
- Lieberman, A. Laboratory comparison of forward and wide scattering angle optical particle counters 1-33031
- Lieberman, A.G. Field constraints on discontinuous solutions of the Maxwell equations 1-41534
- Lieberman, D. *see* Raab, F. 1-5410
- Lieberman, M.A. *see* Lichtenberg, A.J. 1-18159
- Lieberman, M.A. *see* Tuszewski, M. 1-51975
- Lieberman, R.W. *see* Wootton, R.E. 1-20004
- Liebermann, E. On the thermodynamics of liquid mixtures of two n-alkanes 1-16066
- Liebermann, H.H. Coaxial jet melt-spinning of glassy alloy ribbons 1-21437
- Liebermann, H.H. Warm consolidation and cladding of glassy alloy ribbons 1-31382
- Lieberoth, J., Stojadinovic, A. Neutron streaming in pebble beds 1-23718
- Liebert, C.H., Gaugler, R.E. The significance of thermal contact resistance in two-layer thermal-barrier-coated turbine vanes 1-30497
- Liebert, J., Stockman, H.S. Circular polarization measurements of selected white dwarfs 1-27501
- Liebert, L., Strzelecki, L., Van Luyen, D., Leveult, A.M. Structural study of nematic thermotropic polyester by X-rays 1-46992
- Liebing, D.F. *see* Kuhlmann, J.D. 1-27352
- Liebl, H. SIMS instrumentation and imaging techniques 1-377
- Liebl, H. Analytical requirements of SIMS and the instrumental implications 1-28116
- Liebman, P.A. *see* Fernald, R.D. 1-8869
- Liebmann, G. *see* Zieher, V. 1-35110
- Liebmann, R. Lifshitz points in Ising systems with competing interactions 1-7867
- Liebmann, R., Schuster, H.G. Correlation between frustrated plaquettes in the random bond square lattice 1-40718
- Liebmann, R. *see* Kotzler, J. 1-42951
- Liebowitz, D. *see* Sellmyer, D.J. 1-12018
- Liebowitz, D.P. *see* Farwell, S.O. 1-53492
- Lieckfeldt, R. *see* Kuhlmann, F. 1-18336
- Lieder, R.M. Band structure in strongly deformed nuclei 1-608
- Lieder, R.M. *see* Morek, T. 1-28374
- Liegner, C.-M. A 'center of gravity' theorem for the poles of the one-particle Green's function 1-6122
- Liegner, C.-M. Calculation of vertical excitation energies of closed-shell molecules in the CNDO and INDO approximations 1-45856
- Liegner, C.-M. The γ -e transition at the Cu impurity in ZnS crystal 1-47526
- Liegeois, C., Fontaine, J., Meyrueis, P. Study of the fatigue of mechanical parts of photonics processes 1-35495
- Liegeois, C. *see* Champy, M. 1-8962
- Liegeois, C. *see* Gzimala, R. 1-15111
- Liegeois, C. *see* Ineichen, B. 1-19664
- Liegeois, Ch. *see* Lumbroso, H. 1-10866
- Lietlo, F. *see* Amendolia, S.R. 1-18961
- Liem Ngia Do Ty *see* Ngia Do Ty Liem
- Lien, E. *see* Sigmond, R.S. 1-12938
- Lien, J.R. *see* Rektstad, J. 1-10295
- Lien, M.H. *see* Hopkinson, A.C. 1-41307
- Lien, O.G., III *see* Meyer, R.A. 1-14468
- Lien Chuen-Der *see* Chuen-Der Lien
- Lienard, A., Rebouillat, J.P., Garoche, P., Veysic, J.J. Magnetic clusters in Y-Ni amorphous alloys near the critical concentration 1-25904
- Lienard, A. *see* Gignoux, D. 1-25895
- Lienau, P.J., Lund, J.W., Culver, G.G., Higbee, C.V. Klamath Falls district heating network 1-48793
- Lienhard, H. Energy economic problems of the eighties 1-13072
- Lienhard, J.H., Dhir, V.K. On the prediction of the minimum pool boiling heat flux 1-37924
- Lienhard, J.H. *see* Alamgir, Md. 1-37012
- Liepins, R., Campbell, M., Fries, R.J. Plastic coatings for laser fusion targets 1-5997
- Liepin'sh, Ya.P. *see* Eiduk, Yu.Ya. 1-35415
- Liepina, V.E., Mel'nikov, V.K. Emissivity of zirconium during nonstationary high-temperature heating by argon flow 1-16072
- Liepina, V.E. *see* Auzina, L.K. 1-15646
- Liepsch, D. Flow analysis in artery models 1-17449
- Lierke, E.G. *see* Clancy, P.F. 1-36157
- Lieri, H. *see* de Boer, W. 1-14744
- Lierman, J. *see* Peletskii, V.E. 1-16273
- Liese, W. *see* Ahlborn, B. 1-51809
- Liesen, D. *see* Hagmann, S. 1-19047
- Liesen, K. *see* Alby, P. 1-26808
- Lieske, J.H. The necessity for new dynamical theories of the planets 1-32638
- Lieto, A. Di *see* Di Lieto, A.
- Lietti, N. *see* Diaz, R. 1-22159
- Lietzke, A.F. *see* Hopkins, D.B. 1-10537
- Lieu, R. A new approximation for the high magnetic field Compton cross-section [X-ray binaries] 1-36331
- Lieurance, H.-P. *see* Benoit, D. 1-35357
- Lieuvin, M. *see* Raisbeck, G.M. 1-32468
- Lievre, C., Rothen, F. New approach to the morphological stability of the Stefan problem 1-11845
- Liewer, P.C., Lin, A.T., Dawson, J.M. Theory of an absolute instability of a finite-length free-electron laser 1-46277
- Lifanov, I.I., Petrov, A.A., Kim, A.G., Gurevich, V.M. Second and third-category standard instruments for high-temperature dilatometric measurements 1-15381
- Lifanov, I.K. Incorrectness and regularisation of numerical solution of singular integral equations of the first kind 1-36493
- Lifshits, V.G. *see* Gavriluk, Y.L. 1-12167
- Lifshitz, I.M., Meierovich, B.E. Resonance field emission from a metal into a plasma 1-3581
- Lifshitz, K. *see* Kohn, M. 1-32135
- Lifshitz, M., Singer, P. Nuclear excitation function and particle emission from complex nuclei following muon capture 1-10346
- Ligachev, A.E., Mitin, B.S. Study of the kinetic relations in the process of saturation of a W frame with Cu and its alloys 1-48303
- Ligare, M. *see* Bhaskar, N.D. 1-24225
- Ligeon, E. *see* Smith, H.J. 1-42402
- Ligeron, J.C. Practical methods used in reliability for new concepts and mechanical factor 1-31823
- Liggett, J.A. *see* Lennon, G.P. 1-36004
- Light, J.C. *see* Kulander, K.C. 1-24199
- Light, J.C. *see* Parker, G.A. 1-37306
- Lightfoot, E. Exact straight-line elements 1-18020
- Lightfoot, P., Deam, R.T., Green, C.H., Rea, J. NUMEL—a computer aided design suite for the assessment of the steady state, static-dynamic stability and transient responses of once-through steam generators 1-28581
- Lightfoot, P. *see* Green, C.H. 1-28561
- Lightman, A.P., Hertz, P., Grindlay, J.E. A new statistical test with application to globular cluster X-ray source masses 1-32772
- Lightowers, E.C. *see* Canham, L. 1-3458
- Lightowers, E.C. *see* Foy, C.P. 1-31127
- Lightowers, E.C. *see* Mayer, A.E. 1-3457, 1-48143
- Ligin, V.F. *see* Barkhudarov, E.M. 1-24959
- Lignola, P.-G. *see* Gray, P. 1-29795
- Ligon, W.V., Jr. Photoplate mass spectrometric determination of unit mass for ions of known mass difference utilizing voltage offset and distance ratios 1-14206
- Ligor, P.A. *see* Lipson, H.G. 1-15927
- Ligou, J. *see* Harms, A.A. 1-879
- Ligou, J. *see* Sahin, S. 1-884
- Ligou, J. *see* Tran, T.M. 1-18881
- Lighthart, F.A.S., Keijser, R.A.J. Two-electron group model and electron energy balance in low-pressure gas discharges 1-15671
- Lighthart, L.P., Nieuwerkerk, L.R. FM-CW Delft atmospheric research radar 1-17699
- Liguori, G. *see* Armstrong, T. 1-10606
- Lib-Ching Chu *see* Delumey, R.G. 1-4236
- Likar, A., Martincic, R. Fast neutron capture in ^{208}Pb as seen through direct-semidirect and pure resonance models 1-18650
- Likar, V.F., Johnson, J.E. Waste isolation pilot plant (WIPP) remote handling operations 1-23827
- Likforman, A., Guittard, M., Tomas, A., Flahaut, J. Evidence of a spinel-type solid solution in the In-S phase diagram 1-20147
- Likhachev, A.A. *see* Voitenko, Yu.M. 1-27354
- Likhachev, A.A. Thermal stability of a thermonuclear reaction 1-38132
- Likhachev, V.A., Shudegov, V.E. Theory of strongly interacting defect ensembles in motor recording (review) 1-20187
- Likhachev, V.A. *see* Baranov, N.A. 1-3859
- Likhachev, V.A. *see* Vyunenko, Yu.N. 1-47170
- Likhachev, V.N. *see* Gonor, A.L. 1-51785
- Likhachev, V.N. *see* Lykhin, V.A. 1-30871
- Likhachev, K.K. *see* Zorin, A.B. 1-34835
- Likhodod, A.K. *see* Ajienko, I.V. 1-23525
- Likhomanov, S.A. *see* Seliverstov, Yu.A. 1-27384
- Likhtenstein, G.I. *see* Vainshtein, B.K. 1-17342
- Likhtenstein, V.I., Popov, V.K., Dobrov, A.V. Infrared flow cell for recording spectra of surface compounds 1-45035
- Likhtenstein, V.N. *see* Raikhel', A.M. 1-21663, 1-31561, 1-43507
- Lilaontilik, A. *see* Van Bogart, J.W.C. 1-34248
- Lileau, A.S. *see* Livshits, B.G. 1-16460
- Lilenfeld, H.V., Hovis, F.E., Richardson, R.J., Ageno, H.Y. Kinetics of the oxygen-iodine chemical laser 1-51468
- Liles, A.W. *see* Curwen, P.W. 1-35682
- Liley, B.S. *see* Bydder, E.L. 1-19887
- Lilienhof, H.-J., Heidemann, K.F., Ritter, D., Voges, E. Index profiles of multimode optical strip waveguides by field-enhanced ion exchange in glasses 1-19429
- Lilin, S.A. *see* Rumyantsev, E.M. 1-43587
- Liljebly, L. *see* Breinig, M. 1-29113
- Liljebly, L. *see* Elston, S.B. 1-37347
- Liljebly, L. *see* Hultberg, S. 1-37161
- Liljebly, L. *see* Laubert, R. 1-47124
- Liljequist, D. The analysis of natural ^{37}Fe abundance absorbers in conversion electron Mossbauer spectroscopy 1-47985
- Liljequist, D., Bohm, C., Ekdahl, T. Interactive methods of analysis in depth selective conversion electron Mossbauer spectroscopy (DCEMS) 1-23932
- Liller, M.H. A color-magnitude diagram for the globular cluster NGC 6535 1-22846
- Liller, W. *see* Alcaino, G. 1-9589, 1-36199
- Liller, W. *see* Elliot, J.L. 1-40417
- Liller, W. *see* Kowal, C.T. 1-44470
- Liller, W. *see* Mendez, R.H. 1-27583
- Lillerud, K.P., Kofstad, P. On high temperature oxidation of chromium. I. Oxidation of annealed, thermally etched chromium at 800°-1100°C 1-31734
- Lillerud, K.P. *see* Kofstad, P. 1-31735
- Lillerud, K.-P. *see* Oberlander, B. 1-48629
- Lillestol, E. *see* Berger, C. 1-5636, 1-10209
- Lillestol, E. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Lillethun, E. *see* Berger, C. 1-5636, 1-10209
- Lillethun, E. *see* Berger, Ch. 1-14404
- Lillevik, S.L. *see* Fisher, P.D. 1-40798
- Lilley, E. Clustering of divalent calcium-vacancy pairs in alkali halide crystals 1-2642
- Lilley, E., Taylor, G.C. Order of kinetics for thermoluminescence in LiF TLD-100 1-43193
- Lilley, E. *see* Bonanos, N. 1-7379
- Lilley, E. *see* Calleja, J.M. 1-31138
- Lilley, E. *see* Chandler, P.J. 1-36658
- Lilley, P. *see* Sharpe, C.D. 1-20868
- Lilford, P.J. *see* Clark, A.H. 1-19115
- Lillie, R.A., Gabriel, T.A., Bishop, B.L., Baker, V.C. One-dimensional gamma-ray shielding calculations for the EBT-P 1-18886
- Lillie, R.A. *see* Alsmiller, F.P. 1-50973
- Lillywhite, P.G. Multiplicative intrinsic noise and the limits to visual performance 1-39926
- Lillywhite, P.G., Dvorak, D.R. Responses to single photons in a fly optomotor neuron 1-39925
- Lim, B.T. *see* Okajima, S. 1-1130
- Lim, B.T. *see* Webster, D. 1-33587
- Lim, C.C. *see* Yoshihara, A. 1-6266
- Lim, C.K. *see* Lee, H.C. 1-46678
- Lim, C.S. *see* Leslie, J.D. 1-25842
- Lim, D.T.H. *see* Northwood, D.O. 1-45596
- Lim, E.C. *see* Hirata, Y. 1-10710
- Lim, E.C. *see* Okajima, S. 1-1130

- Lim, E.C. see Vasudev, R. 1-29012
 Lim, E.C. see Webster, D. 1-33587
 Lim, G.C., Leaver, K.D. The electrical characteristics of cermet-silicon contacts 1-7744
 Lim, J.S. see Oppenheim, A.V. 1-51390
 Lim, K.C. see Harrison, D.W. 1-42881
 Lim, S.C. Stochastic quantization of the Maxwell field: some comments on the paper of Guarrera and Loffredo 1-44773
 Lim, T.C. see Neurgaonkar, R.R. 1-26379
 Lim, T.K., Maurone, P.A. Nonexistence of the Efimov effect in two dimensions 1-171
 Lim, T.K., Nakaichi, S., Kaishi, Y., Tanaka, H. Small clusters of pure and admixed H(sp² up), ³He(sp² up), T(sp² up), and ⁴He atoms 1-1427
 Lim, T.K., Shimer, B. The Fonseca-Rédish-Shanley solvable model for a molecular three-body system and the Efimov effect in two dimensions 1-10798
 Lim, T.K. see Yuan, J.M. 1-1317, 1-31852
 Lim, T.S., Ehrmann, C.H., Allison, S.R. Single-chip microcomputer application in high-altitude balloon orientation system 1-44405
 Lim, T.T. see Perry, A.E. 1-29744, 1-51745
 Lim, Y.K. see Tazaka, S. 1-22654
 Lim Yee Keon see Kee Koon Lim
 Lim Tong Leong see Tong Leong Lim
 Lima, A.P. de see de Lima, A.P.
 Lima, C.A.S., Miranda, L.C.M. On the photoacoustic effect of solids: influence of surface thermal resistance and surface optical absorption 1-2568
 Lima, E.de see de Lima, E.
 Lima, I. Monte see Monte Lima, I.
 Limberova, V.V. see Kirovskaya, I.A. 1-7454
 Limeburner, R. see Legeckis, R. 1-22362
 Liminga, R., Abrahams, S.C., Bernstein, J.L. Absolute sense and model for the piezoelectric and pyroelectric coefficients in Ba(NO₃)₂·H₂O and Cs₂S₂O₈ 1-31094
 Liminga, R. see Abrahams, S.C. 1-25209
 Limmer, St. see Schmiedel, H. 1-20054
 Limouzi, J. see Burneau, A. 1-37208
 Limpert, H. The solution of large systems of equations using finite element programs 1-27767
 Lin, A. see Crabb, D.G. 1-14413
 Lin, A.T. Enhancement of free electron laser radiation by applying a direct current electric field 1-51442
 Lin, A.T., Dawson, J.M. Particle simulation of free-electron laser 1-10968
 Lin, A.T. see Liewer, P.C. 1-46277
 Lin, C., Kogelnik, H., Cohen, L.G. Optical pulse equalization and low dispersion transmission in single-mode fibers in the 1.3-1.7 μm spectral region 1-11131
 Lin, C., Marcuse, D. Optimum optical pulse width for high bandwidth single-mode fibre transmission 1-33811
 Lin, C. see Liu, P.L. 1-51527
 Lin, C.C., Pao, R.C., Wiley, J.S., DeHollander, W.R. Corrosion product transport modeling in the BWR primary system 1-18797
 Lin, C.C. see Filippelli, A.R. 1-37335
 Lin, C.C. see Heaton, R.A. 1-20628
 Lin, C.C. see Holley, T.K. 1-37336
 Lin, C.C. see Parker, J.W. 1-29089
 Lin, C.-C. Chemical behavior of radioiodine in BWR systems 1-6041
 Lin, C.-C. Chemical effects of gamma radiation on iodine in aqueous solutions 1-8587
 Lin, C.H. see Chu, C.W. 1-42880
 Lin, C.J., Chiang, F.P. A Lichtenberg method for plate bending studies using laser speckles 1-19663
 Lin, C.J., Chiang, F.P. Laser speckle method for the analysis of steady state vibration of plates 1-46717
 Lin, C.J. see Winegartner, E.C. 1-26747
 Lin, C.L. see Kazmerski, L.L. 1-16379
 Lin, C.S. A new aspect of convergence in atom-molecule collisions 1-1305
 Lin, C.T., Atvars, T.D.Z. Vibrational frequencies of isotopically substituted BCl₃ 1-6234
 Lin, D.N.C., Tremaine, S. A reinvestigation of the standard model for the dynamics of a massive black hole in a globular cluster 1-49707
 Lin, E.E., Funtikov, A.I. Shock attenuation in air during the explosion of a plane high-explosive charge in a shock tube 1-24839
 Lin, E.K. see Kiang, G.C. 1-5693, 1-5694
 Lin, E.K. see Wang, C.W. 1-5735, 1-5785
 Lin, F.-S., Starke, E.A., Jr. The effect of copper content and deformation mode on the fatigue crack propagation of Al-6Zn-2Mg-xCu alloys at low stress intensities 1-12856
 Lin, G.J. see Lee, T.C. 1-15130
 Lin, H.-B. see Campillo, A.J. 1-8636
 Lin, H.C. Depletion-layer calculations of a double-diffused junction 1-7713
 Lin, H.C. see Johnson, S.M. 1-43779
 Lin, H.-C. Dynamic propagation of longitudinal cracks in a pressurized cylindrical shell due to ductile failure 1-41184
 Lin, I. see Johnson, J.A., III 1-15616
 Lin, I.-J. see Kobayashi, A.S. 1-39551
 Lin, J., Beri, A.C., Hutchingson, M., Murphy, W.C., George, T.F. Multiphoton-multiphoton theory of laser-stimulated surface processes 1-3544
 Lin, J. see Thompson, J.E. 1-7013
 Lin, J.C., Lin, M.F. Temperature-time profile in rats subjected to selective microwave irradiation of the brain 1-35813
 Lin, J.S. see Petermann, J. 1-38305
 Lin, J.S. see Schultz, J.M. 1-15882
 Lin, J.Y., Tarbell, J.M. An experimental and numerical study of periodic flow in a curved tube 1-11461
 Lin, K.S.C., Akonis, J.J. Evaluation of the stress-relaxation modulus for materials with rapid relaxation rates 1-11799
 Lin, K.Y., Pin Tong Singular finite elements for the fracture analysis of V-notched plate 1-67
 Lin, M. Phase transition of aliphatic alcohols at the liquid-liquid interface under high hydrostatic pressure: chain-length and solvent dependence 1-52396
 Lin, M.C. see Hsu, D.S.Y. 1-1331
 Lin, M.C. see Rujimoto, G.T. 1-12976
 Lin, M.C. see Umstead, M.E. 1-21745
 Lin, M.F. see Lin, J.C. 1-35813
 Lin, M.J., Thomas, R.L. Ultrasonic measurements on aluminosilicate and borate glasses 1-15955
 Lin, P.L. see Saboungi, M.L. 1-12725
 Lin, P.-L. see Liang, W.W. 1-31430
 Lin, R., Hirano, K., Okamoto, M., Shimizu, K., Amano, T. Simulation of adiabatic compression plasma 1-42203
 Lin, R.J.H. see Onffroy, J.R. 1-48858
 Lin, R.P. Energetic particles in space 1-4724
 Lin, R.P., Potter, D.W., Anderson, K.A., Fainberg, J., Stone, R.G., Steinberg, J.L. Distribution functions of type III electrons observed in interplanetary space 1-4887
 Lin, S.H., Hsu, W.K. Heat transfer to power-law non-Newtonian flow between parallel plates 1-24809
 Lin, S.H. see Haberkorn, R. 1-19060
 Lin, S.H. see Henke, W. 1-37183
 Lin, S.H. see Ho, Z.Z. 1-41390, 1-45937
 Lin, S.L. see Viehland, L.A. 1-39595
 Lin, S.L. see Weinert, U. 1-14082
 Lin, S.P. Stability of a viscous liquid curtain 1-51737
 Lin, S.P. see Antoniadis, M.G. 1-16149
 Lin, S.T. see Yao, Y.D. 1-8343
 Lin, T., Schafer, N., Schmeil, U. The control-scheduling computer for KWU boiling water reactors 1-45639
 Lin, W.J. see Hwang, H.L. 1-52447
 Lin, Y.-H. see Chu, B. 1-38244
 Lin, Y.T. see Serhan, G.I. 1-32510
 Lin, Z., Willi, O., Rumsby, P.T. Evidence for beam self-focusing in the corona of laser-irradiated spherical targets 1-46465
 Lin Chiao see Chiao Lin
 Lin Chinlon see Chinlon Lin
 Lin Guang-hai see Li Shu-shan 1-2587, 1-47207
 Lin Jin Nan see Jin Nan Lin
 Lin Jui-teng see Jui-teng Lin
 Lin Jung-Tai see Jung-Tai Lin
 Lin Lei, Wang Xin-Yi Landau-de Gennes model of first order phase transitions—Gaussian approximation 1-47208
 Lin Lin Zhang Zhi-you Defects in gadolinium gallium garnet single crystals 1-7162
 Lin Pai, H. see Kawah, M. 1-17499
 Lin Shao-Chi see Shao-Chi Lin
 Lin Sheng-Biao see Wang Bang-Hua 1-53968
 Lin Sheng-wei see Wang Yong-Ling 1-26151
 Lin Shi-Chien see Shi-Chien Lin
 Lin Shi-heng see Zhu He-nian 1-337
 Lin Shui Tien see Shui Tien Lin
 Lin Shuyuan see Zhang Dianlin 1-3192
 Lin Wen see Wen Lin
 Lin Zhang Zhi-you Lin see Lin Lin Zhang Zhi-you
 Lin Zhao see Zhao Lin
 Lin Zhen-hua see Wei Kai-yu 1-18939
 Lin Zhi-wei see Wu De-hai 1-53209
 Lin Zuo-ran Mass spectrometry microanalysis with an ion probe. II. The LTE model theory and its application to quantitative analysis 1-26797
 Lin-gun Liu The equilibrium boundary of spinel=corundum+periclase: a calibration curve for pressures above 100 kbar 1-21427
 Lin-gun Liu The mineralogy of an eclogite Earth mantle 1-32404
 Lin-gun Liu The pyroxene-garnet transformation and its implication for the 200-km seismic discontinuity 1-32406
 Lin-gun Liu On the interpretation of mantle discontinuities 1-32409
 Lin-gun Liu The high-pressure phase transformations of PbO₂: an in-situ X-ray diffraction study 1-42536
 Lin-Kai Ding see Ding Lin-Kai
 Lin-Liu, Y.R., Maki, K. Two-soliton interaction energy and the soliton lattice in polyacetylene 1-38733
 Lin-zheng Gao see Gao Lin-zheng
 Linares, C. see Gaume, F. 1-25195
 Linck, H. see McComb, T.R. 1-9205
 Lincoln, R.L., Blickensderfer, R. Adapting conventional sputtering equipment for coating long tubes and strips 1-8228
 Lincoln Vogel, F. see Billard, D. 1-8248, 1-31703
 Lind, D.A. see Schery, S.D. 1-23556
 Lind, E.V. see Zewi, K.G. 1-53275
 Lind, J., Dravins, D. Methods for accurate photographic stellar spectrophotometry using the solar spectrum as calibration 1-13699
 Lind, J.M. see Young, K.C., Jr. 1-45455
 Lind, K.E., Levine, J.D., Yemin, L., Mauro, J.J., Howe, H.J., Jr., Pierce, C.W. Safety related research required to support future fusion research reactors 1-6027
 Lind, M.A., Hartman, J.S. Natural aging of soda-lime-silicate glass in a semi-arid environment 1-12908
 Lind, M.A., Hartman, J.S., Hampton, H.L. Specularity measurements for solar materials 1-1662
 Lind, T.A. see Walpole, J.N. 1-46343
 Lind, V.G. see Lieb, B.J. 1-5732
 Lindal, G.F. see Kbiore, A.J. 1-40401
 Lindau, I. Synchrotron radiation. II. Applications 1-12623
 Lindau, I., Skeath, P.R., Su, C.Y., Spicer, W.E. The interaction of thin Au and Al overlayers with the GaAs(110) surface 1-8198
 Lindau, I. see Abbati, I. 1-16655
 Lindau, I. see Braicovich, L. 1-16367
 Lindau, I. see Miller, J.N. 1-16104, 1-47725
 Lindau, I. see Pate, B.B. 1-16334
 Lindau, I. see Skeath, P. 1-16172
 Lindau, I. see Spicer, W.E. 1-16331, 1-52622
 Lindau, I. see Su, C.Y. 1-16173
 Lindau, I. see Tatchyn, R. 1-15255
 Lindau, I. see Tatchyn, R.O. 1-10565
 Lindauer, G., Legare, P., Maire, G. Characteristic energy loss study of the adsorption of gases (O₂, H₂) and deposits (Ca, C) on monocrySTALLINE faces of platinum 1-52419
 Lindberg, B. see Jeavons, A. 1-14732
 Lindberg, D.D., Griphover, R.J., Rice, J.W. Statistical and formative times in small gas spark gaps 1-25108
 Lindberg, L. see Torven, S. 1-24940
 Lindberg, M. see Bambini, A. 1-1541
 Lindberg, V.L. see Goodyear, J.K. 1-13091
 Lindblad, O. On the relation between local kinematics and galactic structure 1-32728
 Lindblad, T. see Funke, L. 1-50485
 Linde, A.D. Infrared problem in the thermodynamics of the Yang-Mills gas 1-14240
 Linde, A.D. Confinement of monopoles at high temperatures 1-14300
 Linde, A.D. Monopole confinement at superhigh temperatures 1-23469
 Linde, A.D. Fate of the false vacuum at finite temperature: theory and applications 1-50326
 Linde, A.D. Grand Bang 1-54676
 Linde, D. von der see von der Linden, D.
 Linde, J. see Andrew, A.S. 1-49411
 Linde, J.O., Rapp, O. Experimental study of the temperature and pressure dependence of the electrical resistivity of some MnCu alloys 1-12090
 Linde, S.A., Gorbunova, Yu.E., Lavrov, A.V., Tanaev, I.V. Structure of crystals of potassium oxoniobium pyrophosphate KNbO₃·O₂ 1-20163
 Linde, S.A. see Gorbunova, Yu.E. 1-20164
 Lindegaard-Andersen, A. see Als-Nielsen, J. 1-2320
 Lindegaard-Andersen, A. see Thuesen, G. 1-26993
 Lindemann, G. see Gornik, E. 1-12585
 Lindemer, T.B. see Besmann, T.M. 1-3700
 Linden, K.J. see Eng, R.S. 1-33064
 Linden, L. Van der see Van der Linden, L.
 Linden, P.F. Mixing across a density interface produced by grid turbulence 1-11389
 Linden, T. van der see van der Linden, T.
 Linden, W.H. van der see van der Linden, W.H.
 Lindenbaum, S.J. see Chung, S.U. 1-14423, 1-45362
 Lindenberg, H.-U. see Steinmetz, E. 1-8291
 Lindenberg, K., Seshadri, V., Shuler, K.E., Weiss, G.H. Lattice random walks for sets of random walkers. First passage times 1-9929
 Lindenberg, K., Seshadri, V., Shuler, K.E., West, B.J. Equal-time second-order moments of a harmonic oscillator with stochastic frequency and driving force 1-44764
 Lindenberg, K., Seshadri, V., West, B.J. Brownian motion of harmonic systems with fluctuating parameters. II. Relation between moment instabilities and parametric resonance 1-14069
 Lindenberg, K. see West, B.J. 1-178
 Lindenberg, W.S. see Vaidya, S. 1-2933
 Lindenfeld, M.J. Self-structure factor of hard-sphere gases for arbitrary ratio of bath to test particle masses 1-32898
 Lindenmayer, H.G. see Lee, M.J.G. 1-8201
 Linder, B., Lee, K.F., Malinowski, P., Tanner, A.C. On the relation between charge-density susceptibility, scattering functions, and Van der Waals forces 1-24203
 Linder, B. see Tanner, A.C. 1-14803

- Linder, M., Hohener, A., Ernst, R.R. Orientation of tensorial interactions determined from two-dimensional NMR powder spectra 1-38991
- Linderberg, J. Algebraic reductions of the real symmetric 4×4 secular problem 1-50343
- Lindfors, J. *see* Aurenche, P. 1-14337, 1-28274
- Lindgard, A. *see* Hultberg, S. 1-37161
- Lindgard, P.-A. Theory of static and dynamic properties of crystal field systems including correlation effects 1-20681
- Lindgren, E.R. *see* Shands, J. 1-11471
- Lindgren, H., Bern, K. UVB sequences in three northern Milky Way regions and a comment on the interstellar extinction around $l=90^\circ$ 1-17891
- Lindgren, R.A., Flanz, J.B., Hicks, R.S., Parker, B., Peterson, G.A., Lawson, R.D., Teeters, W., Williamson, C.F., Kowalski, S., Maruyama, X.K. Comparison of inelastic electron scattering with $[g_{3/2} \otimes (f_{7/2}^{-1})]_{J=2}$ shell-model calculations for the $T=1$ and $T=2$, 8^- states in ^{54}Fe 1-50589
- Lindgren, S.A., Wallden, L. Electronic structure of clean and oxygen-exposed Na and Cs monolayers on Cu (111) 1-42841
- Lindhard, J. Static gravitation on the basis of equivalence 1-44823
- Liadholm, A. *see* Palsson, B. 1-685
- Lindholm, D.A. Notes on boundary integral equations for three-dimensional magnetostatics 1-29164
- Lindholm, E. *see* Asbrink, L. 1-10655
- Lindholm, F.A., Mazer, J.A., Davis, J.R., Arceola, J.I. Degradation of solar cell performance by areal inhomogeneity 1-8724
- Lindholm, F.A. *see* Fossum, J.G. 1-13128, 1-32018
- Lindholm, F.A. *see* Marshak, A.H. 1-52555
- Lindigkeit, J. *see* Gysler, A. 1-31642
- Lindinger, W. Drift tube studies of ion-neutral reactions 1-43663
- Lindley, D. Primordial black holes and the deuterium abundance 1-13893
- Lindley, D. *see* Hill, J.M. 1-49521
- Lindley, P. *see* Blundell, T. 1-53752
- Lindman, B. *see* Stilbs, P. 1-21784
- Lindmo, T. *see* Rofstad, E.K. 1-53823
- Lindner, A. *see* Wendler, W.-M. 1-23631
- Lindon, J.C. *see* Emsley, J.W. 1-42290
- Lindow, B.G. *see* Bagwell, J.W. 1-4669
- Lindquist, J.C. *see* Leung, K.M. 1-19299
- Lindquist, M.R. FFTF pipe vibration testing and dimensional survey 1-18766
- Lindquist, R.P. *see* Holst, P.A. 1-23256
- Lindqvist, L., El Mohsi, S., Tfibel, F., Alpert, B. Transient haem-globin interactions in photodeligated carboxyhaemoglobin and subunits 1-32088
- Lindqvist, O. *see* Johansson, L.-G. 1-15846, 1-15857
- Lindqvist, P.-A., Uhrenius, B. On the Fe-Cu phase diagram 1-21421
- Lindqvist, P.-A. *see* Marklund, G. 1-54319
- Lindroos, M. *see* Pessa, M. 1-43242
- Lindsay, D.M. *see* Thompson, G.A. 1-51331
- Lindsay, J. *see* Cockerill, I. 1-14742
- Lindsay, J.B. *see* Berset, J.C. 1-14777
- Lindsay, P.A., Dione, N.J. Energy-flow approach to gyrotron (nonlinear cyclotron maser) large-signal operation 1-6980
- Lindsay, S.M. *see* Adsheed, A. 1-47177
- Linsley, C.P., Patterson, G.D. Detailed comparison of the Williams-Watts and Cole-Davidson functions 1-7056
- Linsdoug, B.A. Further considerations on the use of continuous cylindrical dosimeters in TSL dosimetry 1-963
- Linsdoug, B.A., Notter, G. Design of flattening filters based on intracavitary absorbed dose measurements in external radiation therapy 1-53588
- Linsdoug, B.A. *see* Larsson, L. 1-6090
- Lindsay, D.B. *see* Perryman, K.M. 1-4268
- Lindsay, D.B. *see* Rohrbaugh, J.W. 1-8843
- Lindsay, D.F. *see* Perryman, K.M. 1-4268
- Lindstrom, I.S. *see* Zakarina, N.A. 1-17127
- Lindstrom, C., Tihanyi, P., Buus, J., Danielsen, M. High quality very narrow stripe proton implanted semiconductor lasers for optical communication 1-11024
- Lindstrom, E.J., Behringer, D.W., Taft, B.A., Ebbsmeyer, C.C. Absolute geostrophic velocity determination from historical hydrographic data in the western North Atlantic 1-32453
- Lindstrom, J.L. *see* Oehrlin, G.S. 1-38397
- Lindstrom, L. *see* Persson, T. 1-25479
- Line, B.R. *see* Alderson, P.O. 1-4364
- Lineberger, W.C. *see* Feigerle, C.S. 1-45915, 1-46149
- Lineberger, W.C. *see* Jones, P.L. 1-24195
- Lineman, J.H. *see* Bronikowski, T.A. 1-39957
- Lineman, J.H. *see* Epstein, M. 1-5972, 1-42515
- Lineman, J.H. *see* Petrie, D.J. 1-10485
- Lineiter, V.N. *see* Korotayev, A.D. 1-2464
- Linert, W. *see* Roehberger, P. 1-20435
- Lines, K.S. *see* Charlton, M. 1-24291
- Lines, M.E. Hyperfine fields in iron-metalloid ferromagnetic metals 1-20680
- Lines, M.E., Bosch, M.A. Magnetogyration 1-34916
- Linetskii, A.R., Lyubarskii, G.Ya., Sagalovich, N.E. Criteria for identification of a reaction and rejection of poorly measured events 1-1005
- Linev, V.N. *see* Aleksandrovskii, V.I. 1-18264
- Linford, R.B., Niemi, R.O., Oliver, D.D., Woffinden, F.B., Whitesel, R.H. Peach Bottom-2 cycle 3 pressure perturbation tests 1-5957
- Linford, R.B. *see* Congdon, S.P. 1-45712
- Linford, R.K. *see* Jarboe, T.R. 1-6997
- Ling, C.C., Biggs, P.J. Coincidence sum peak assay of ^{125}I activity using solid state detectors 1-6112
- Ling, H.C., Kaplow, R. Temperature-controlled X-ray diffraction stage for simultaneous monitoring of structural and dimensional changes, with specimen straining capability 1-14222
- Ling, J.C. *see* Mahoney, W.A. 1-32623
- Ling, K.W. *see* Burkholder, D. 1-14823
- Ling, T.Y. *see* Heagy, S.M. 1-50433
- Ling, V.C. *see* Cox, B. 1-35292
- Ling Cheng *see* Cheng Ling
- Ling Xiao *see* Xiao Ling
- Ling Ye *see* Ye Ling
- Ling Yung Yung *see* Yuk Ling Yung
- Ling-Fong Li *see* Cheng, T.P. 1-23496, 1-33145
- Ling-Fong Li *see* McWilliams, B. 1-50371
- Ling-Lie Chan Wang *see* Gu, C. 1-28179
- Ling-Lie Chau Wang Flavor mixing and quark decay 1-45203
- Ling-Lie Chau Wang *see* Popowicz, Z. 1-28238
- Ling-Xiao Ge *see* Ge Ling-Xiao
- Lingafelter, E.C. *see* Brock, C.P. 1-13963
- Lingam, K.V. *see* Reddy, M.V.V.S. 1-38985
- Lingemann, E.W.A. *see* Balestri, B. 1-28343
- Lingertat, J. *see* Chicherov, V.M. 1-25028
- Lingertat, J. *see* Hildebrandt, D. 1-26783
- Lingertat, J. *see* Hildebrandt, D. 1-42214
- Linglin, D. *see* Aubert, B. 1-14748
- Lingner, C., Luthi, B. Surface-acoustic-wave propagation in paramagnets 1-34560
- Linh, N.T. *see* Huber, A.M. 1-30264
- Linh, N.T. *see* Massias, J. 1-7439, 1-16175
- Link, F. *see* Dubois, J. 1-22702
- Link, J., Fontanella, J., Andeen, C.G. Temperature variation of the dielectric properties of bismuth germanate and bismuth germanium oxide 1-3313
- Link, L.E. *see* Kimes, D.S. 1-49061
- Linke, C.A. *see* Child, S.Z. 1-35846
- Linke, R.A., Stark, A.A., Frerking, M.A. Millimeter-wave absorption features toward the galactic center: evidence for a massive nuclear disk 1-49790
- Linke, R.A. *see* Frerking, M.A. 1-9609
- Linke, R.A. *see* Myers, P.C. 1-32731
- Linke, U., Kopp, W.-U. Preparation of polished specimens and thin sections of plastics 1-48630
- Linke, U. *see* Kopp, W.-U. 1-43630
- Linker, G. *see* Hussain, T. 1-52161
- Linkens, A. *see* Vanderschueren, J. 1-21116
- Linkinhoker, C.L. *see* Heinrich, J.P. 1-50926
- Linko, K. *see* Palosari, S. 1-53804
- Lin'kova, N.V. *see* Antonov, A.V. 1-33279
- Linkowski, J. *see* Poniewierski, Z. 1-48457
- Links, J.M., Douglass, K.H., Wagner, H.N., Jr. Patterns of ventricular emptying by Fourier analysis of gated blood-pool studies 1-32233
- Linn, M.C. When do adolescents reason? 1-36479
- Linn, S.H. *see* Ono, Y. 1-10789, 1-37274, 1-45873
- Linn, S.L. *see* Crabb, D.G. 1-14413
- Linn, S.L. *see* Crosbie, E.A. 1-45340
- Linnebur, E.J. *see* Hauer, A. 1-7005
- Linnemann, J.T. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Linnemann, J.T. *see* Day, C.T. 1-45312
- Linnett, J.W. *see* Pakiari, A.H. 1-10633
- Linnik, A.G. *see* Alekhovich, A.N. 1-31977
- Lino, Y. The recrystallization technique for local plastic-zone observation in Type 304 stainless steel in the temperature range of -196° to 950°C 1-39368
- Lins de Barros, H.G.P. *see* de Giambiagi, M.S. 1-6185
- Linsalata, P., Wrenn, M.E., Cohen, N., Singh, N.P. ^{239}Pu and ^{238}Pu in sediments of the Hudson River estuary 1-53715
- Linsay, P. *see* Barish, B. 1-10192
- Linsky, D. *see* Steinberg, V. 1-7525
- Linsky, J.L. *see* Ayres, T.R. 1-36275
- Linsky, J.L. *see* Haisch, B.M. 1-49651
- Linsky, J.L. *see* Simon, T. 1-9562, 1-22832
- Linsley, J., Watson, A.A. Validity of scaling to 10^{20} eV and high-energy cosmic-ray composition 1-44399
- Linsley Hood, J.L. The corona discharge treatment of plastics films 1-16939
- Linsanen, A.J., Peek, H.L. Effects of trichloroethane on generation and annihilation of stacking faults during oxidation of (100) silicon 1-38388
- Lint, V.A.J. *see* van Lint, V.A.J.
- Linte, M.A. *see* Boyarskaya, Yu.S. 1-52142
- Linthorst, S.J.M., Schinkel, W.M.M., Hoogenboom, C.J. Flow structure with natural convection in inclined air-filled enclosures 1-6862
- Linthorst, S.J.M. *see* Schinkel, W.M.M. 1-1981
- Linthoudt, J.P. *see* Van Linthoudt, J.P.
- Lintig, R.D. *see* Von Lintig, R.D.
- Linton, C., Dulick, M., Field, R.W., Carette, P., Barrow, R.F. Low lying electronic states of CeO 1-41417
- Linton Johnson, D. Equivalence between fourth sound in liquid He II at low temperatures and the Biot slow wave in consolidated porous media 1-47314
- Lintz, H.-G. *see* Adlhoef, W. 1-48737
- Linwood Jones, W. *see* Brucks, J.T. 1-13477
- Linz, A. *see* Pollak, T.M. 1-29357
- Linzer, M. *see* Higgins, F.P. 1-11270
- Linzer, M. *see* Norton, S.J. 1-51656
- Linzer, M. *see* Sato, T. 1-40909
- Linzner, U. *see* Muller, W.A. 1-13293
- Liozono, G.M. *see* Jacco, J.C. 1-26377
- Lion, G. Solvable Lie groups and Maslov index 1-28229
- Lions, J., Trotter, J.P., Foucault, M. Corrosion by sulphur vapour at elevated temperatures for certain binary and ternary iron alloys 1-31745
- Lions, J.L. *see* Glowinski, R. (editor) 1-18
- Liotta, R. *see* Hubert, Ph. 1-45452
- Liou Kuo-Nan *see* Kuo-Nan Liou
- Lioubimov, E., Kirillov, N. Reflection-transmission holograms and their application 1-15108
- Lioy, P.J., Samson, P.J., Tanner, R.L., Leaderer, B.P., Minnich, T., Lyons, W. The distribution and transport of sulfate 'species' in the New York metropolitan area during the 1977 Summer Aerosol Study 1-53725
- Lioy, P.J. *see* Altwick, E.R. 1-43838
- Lioy, P.J. *see* Wolff, G.T. 1-54177
- Lipa, B., Barrick, D. Methods for the extraction of long-period ocean wave parameters from narrow beam HF radar sea echo 1-4656
- Lipari, N.O. Analytical expressions for the binding energies of excitons and acceptors in cubic semiconductors 1-25640
- Lipari, N.O., Thewalt, M.L.W., Andreoni, W., Balderschi, A. Central cell effects in the shallow acceptor spectra of Si and Ge 1-47533
- Lipari, N.O. *see* Pantelides, S.T. 1-47541
- Liparteliani, A.G. *see* Volkov, G.G. 1-50398
- Liparulo, N.J. *see* Hochreiter, L.E. 1-50815
- Lipatov, A.N. *see* Gel'man, B.G. 1-9399
- Lipatov, L.N. *see* Bukhvostov, A.P. 1-40933
- Lipatov, V.I. *see* Bukhman, Yu.A. 1-19759, 1-51874
- Lipatov, Y., Bezruk, L., Andreeva, V. On the character of failure of adhesive joints between two polymers 1-48481
- Lipin, V.D. *see* Azimov, S.A. 1-36888, 1-36954
- Lipinski, A. *see* Bak, G. 1-7762
- Lipinski, A. *see* Kania, S. 1-12218
- Lipinski, A. *see* Mycielski, W. 1-47771
- Lipinski, Chr. *see* Matthis, P. 1-26890
- Lipinski, J., Sokalski, W.A. Double proton transfer and charge transfer transitions in hydrogen-bonded systems: formic acid dimer 1-14818
- Lipinski, J. *see* Chojnacki, H. 1-34276
- Lipinski, R.J. A particle-bed dryout model with upward and downward boiling 1-45688
- Lipinski, R.J. *see* Schwarz, M. 1-45687
- Lipinski, S. Influence of ordering on the spin wave stiffness constant in itinerant electron ferromagnetic transition metal alloys 1-16432
- Lipinski, W., Sikora, R. Eddy current excited in a plate by a cylindrical coil 1-29167
- Lipinski, W. *see* Sikora, R. 1-29166
- Lipka, J. *see* Brudzewski, K. 1-44988
- Lipkin, A.M. *see* Berezin, V.M. 1-37057
- Lipkin, H.J. Applications in physics of algebras of bilinear products of second quantized operators 1-5136
- Lipkin, H.J. The microscopic structure and group theory of the interacting boson model 1-18579
- Lipkin, H.J. Why is there charm, strangeness, colour and all that? 1-28288
- Lipkin, H.J. *see* Isgur, N. 1-50382
- Lipkin, H.J. *see* Karl, G. 1-553
- Lipkin, I.M. *see* Bada, A.G. 1-45921
- Lipmanov, E.M. On the exponential mass spectrum of leptons 1-5612
- Lipner, M.H., Ravets, J.M. Criticality analyses for safety evaluation of dry storage of spent-fuel assemblies 1-10463
- Lipner, M.H. *see* Anderson, D.W., Jr. 1-18911
- Lipner, M.H. *see* Hardin, R.T. 1-50972
- Lipnik, A.A., Shivel'man, K.Ya. Dispersion laws of holes in Γ valleys of cubic crystals 1-42773
- Lipnik, P. *see* Gilot, J.L. 1-28341
- Lipnitskii, I.V. *see* Volod'ko, L.V. 1-43116
- Lipodaev, V.N. *see* Gotal'skii, Yu.N. 1-26625
- Lipodaev, V.N. *see* Rudnitskii, V.A. 1-48590
- Lipovetskii, V.A. *see* Afanas'ev, V.L. 1-27599, 1-49804
- Lipovetskii, V.A. *see* Markaryan, B.E. 1-9659, 1-22695, 1-36393
- Lipovetskii, A.A. *see* Aksenov, E.T. 1-41830
- Lipovetskii, A.A. *see* Geidel'man, A.M. 1-672
- Lipovetskii, V.D. Cherenkov radiation of acousto-gravity waves of horizontally moving sources. I 1-27341
- Lipovetskii, V.S. Cherenkov emission of acousto-gravitational waves by horizontally moving sources. II 1-46766

- Lipparini, E., Stringari, S. Surface symmetry energy and the dipole giant resonance 1-45481
- Lipparini, E. see Christillin, P. 1-5800
- Lippens, C. see Ackerman, M. 1-9212
- Lippert, B. On the tautomerism of the thymine anion in the solid state: a Raman and infrared study 1-21195
- Lippincott, E.P. see Gold, R. 1-50783
- Lippiott, A. Learning to use microprocessors 1-40611
- Lippmann, M. see Chan, T.L. 1-49037
- Lippmann, R.P. MX41/AR carbonphene cushions versus a new circumumal mounting 1-46650
- Lippmann, R.P., Braida, L.D., Durlach, N.I. Study of multichannel amplitude compression and linear amplification for persons with sensorineural hearing loss 1-49008
- Lippold, B. see Andreeff, A. 1-52532
- Lippold, H.R., Jr. Readjustment of the National Geodetic Vertical Datum 1-13378
- Lipschutz, M.E. see Biswas, S. 1-54432
- Lipscombe, K., Flower, H.M., West, D.R.F. The high temperature strength of certain silicon-containing α/β titanium alloys 1-31640
- Lipsett, J.J. see MacDonald, R.D. 1-28608
- Lipsett, H.A., Schaffrik, R.E., Shechtman, D. The deformation and fracture of Ti_3Al at elevated temperatures 1-8388
- Lipsitt, H.A. see Mendiratta, M.G. 1-31532
- Lipskova, E.M., Melnikov, M.Ya. The study of photochemical reactions in polyoximurethane 1-17083
- Lipson, H.G., Euler, F., Ligor, P.A. Radiation effects in swelter Premium-Q quartz material, resonators and oscillators 1-15927
- Lipson, R.H. see DiLella, D.P. 1-25553
- Lipson, S.G. see Ben-Shalom, A. 1-40186
- Lipson, S.G. see Eckstein, Y. 1-25528
- Lipunov, V.M. The magnetosphere of X-ray pulsars 1-44673
- Liritzis, Y., Galloway, R.B. A new technique for calibrating a NaI(Tl) scintillometer used to measure gamma dose-rates in archaeological sites 1-6079
- Lis, J. see Balfour, J.D. 1-28559
- Lis, J. see Fallows, T. 1-28585
- Lis, V.I. see Kolvashchikov, V.L. 1-6856
- Lisachuk, G.V. see Ryschenko, M.I. 1-12898
- Lisak, M. Soliton perturbations in a model equation for resonant interaction between long and short waves 1-11544
- Lisak, M. Modulational instability of electrostatic ion cyclotron wave in a two-electron-temperature plasma 1-34063
- Lisak, M., Mironov, V.V. Microinstabilities in a cold plasma penetrated by an ultrarelativistic electron beam 1-11570
- Lisak, M. see Anderson, D. 1-11533, 1-19877
- Lisakova, E. see Skalný, J. 1-15680
- Lisboa, C., Wood, L.D.H., Jardim, J., Macklem, P.T. Relation between flow, curvilinearity, and density dependence of pulmonary pressure-flow curves 1-17418
- Lisbona, A. see Ricard, M. 1-9030
- Lischka, H. see Holler, R. 1-33391, 1-33392
- Lischka, K., Palmstoshofer, L., Gresselner, K.H., Grisar, R. Deep levels in PbSe 1-47551
- Lischka, K., Preier, H. Observation of localized deep levels in PbSe 1-12063
- Lischke, B. see Boersch, H. 1-49970
- Lischke, B. see Frosien, J. 1-400
- Lisenkov, A.A., Vasil'ev, A.I. Physicochemical analysis of the interactions along the $\text{CaAl}_2\text{O}_7\text{-SiO}_2$ and $\text{CaGa}_2\text{O}_7\text{-SiO}_2$ sections in calcium aluminosilicate glasses 1-42318
- Lishang Jiang see Jiang Lishang
- Lishanski, B.A. see Petrov, A.S. 1-11448
- Lishawa, C.R., Allison, W., Muschlitz, E.E., Jr. Excitation of the hydrogen continuum in collisions of $\text{Ar}^+(\text{P}_0)$ with H_2 1-37319
- Lishnevskii, V.A., Kulygina, M.P. Device for injecting samples into a chromatograph from vacuum equipment 1-53509
- Lisicki, E., Bielski, A., Szudy, J. Collision broadening and shift of the 535.0 nm Ti line accompanying the photoionization of thallium iodide perturbed by noble gases. I. Effects due to Kr and Xe 1-19174
- Lisin, S.K. see Gokhberg, B.M. 1-45556
- Lisin, V.P. see Batyunin, A.V. 1-33215, 1-40894
- Lisina, T.G. see Saffronov, U.I. 1-17947
- Lisitano, G. see Niedermeyer, H. 1-25040
- Lisitchenko, T.E. see Chutov, Yu.I. 1-25095
- Lisitchenko, V.V. see Gabovich, M.D. 1-24962
- Lisitsa, M.P., Yaremko, A.M. Raman scattering of light by polaritons during Fermi resonance in crystals 1-43118
- Lisitsa, M.P. see Gavrilko, T.A. 1-3398
- Lisitsa, M.P. see Valakh, M.Ya. 1-3418
- Lisitsa, V.S. see Baryshnikov, F.F. 1-10897
- Lisitsin, V.I. see Alekhnovich, A.N. 1-31977
- Lisitsyn, V.V. see Rapoport, L.P. 1-29128
- Lisitsyn, V.N. see Kiryukhin, K.V. 1-357
- Lisitsyn, Yu.V. see Kachkin, S.S. 1-24542
- Liska, M., Pelikan, P., Cernay, P., Turi Nagy, L. Molecular orbital calculation of spin-orbit splittings in some halogeno-compounds 1-51126
- Liska, M. see Pavelek, M. 1-10009
- Lisker, I.S., Pevzner, M.B. Determination of the thermophysical properties of semiconductors by measuring the superposed galvanic- and thermomagnetic effects by the method of variation of action factors 1-12133
- Liskien, H. see Paulsen, A. 1-23654
- Liskova, N.A. see Borisov, N.V. 1-40974
- Lisovenko, V.A. see Kondratenko, P.A. 1-31196
- Lisovoi, V.G. see Ivanov, A.G. 1-31976
- Lisovskaya, T.J.U. see Kaganov, M.I. 1-12020
- Lisovskii, A.A. Making spherical surfaces by the face milling method 1-37639
- Lisovskii, A.F. Mechanism of mass transfer affecting liquid metals in sintered composite materials 1-7403
- Lisovskii, A.M. see Brainin, G.E. 1-3671
- Lisovskii, F.V., Mansvetova, E.G., Chervonenkis, A.Ya. Nonthrough domains and epitaxial films of magnetic garnets during in-plane magnetization 1-30996
- Lisovskii, F.V., Mansvetova, E.G., Shapovalov, V.I. Noncollinear magnetic state in ferrite garnet epitaxial films 1-25995
- Lisovskii, I.P. see Litovchenko, V.G. 1-20873
- Lisovskii, V.A., Rudberg, Yu.E. Ways of improving hearing aids 1-44044
- Lisovskii, V.V. see Aleksandrovskii, V.I. 1-18264
- Lisowski, B. see Berkowski, M. 1-8214
- Lisowski, B. see Brajczewska, M. 1-5343
- Lisowski, M. see Prescott, W.H. 1-54046
- Lisowski, M. see Savage, J.C. 1-32391, 1-44067
- Lisowski, P. see Drog, M. 1-18964
- Lisowski, P.W. see Mack, G. 1-693
- Lisowski, P.W. see Yelon, W.B. 1-33360
- Liss, P.S. see Hasse, L. 1-44288
- Lissauer, D. see Cockerill, D. 1-14742
- Lissauer, D. see Diakonov, M. 1-10256
- Lissauer, D. see Kourkoulis, C. 1-5665, 1-50474
- Lissberger, P.H. Coatings with induced transmission 1-37404
- Lissberger, P.H. The relationship between optical absorbance and electric field of the radiation in multilayer thin films 1-46211
- Lissberger, P.H. see Gibson, D.R. 1-11062
- Lissillour, R., Etrillard, J., Sauleau, J., Huet, J. Theoretical study of reactivity of some ethylene epoxides: attack by aromatic and aliphatic amines 1-29156
- Lister, C.J. see Horn, D. 1-45390, 1-45408
- Lister, C.J. see Sandorfi, A.M. 1-14500
- Lister, C.J. see Warburton, E.K. 1-50558
- Lister, C.R.B. Heat flow and hydrothermal circulation 1-13441
- Lister, D.G. The barrier to internal rotation of the methoxy group in anisoles: evidence from the microwave spectrum of p-fluoroanisole 1-14878
- Lister, D.G. see Jones, J.D.C. 1-43651
- Lister, D.H. Corrosion products in power generating systems 1-26682
- Lister, D.H., Watson, D.A. Reducing radiation sources in CANDU nuclear power stations 1-28735
- Litsvinsky, G. see Hsueh, P.K. 1-932
- Liszi, J. see Abraham, M.H. 1-53458
- Liszt, H.S., Burton, W.B. Interpretation of CO emission from the galactic molecular cloud ensemble 1-54580
- Lit, J.W.Y. Scattering patterns from thin optical fibres 1-33805
- Lit, J.W.Y. see Verly, P. 1-15286
- Lit, J.W.Y. see Vincent, D. 1-11180
- L'Italian, G. see Megerman, J. 1-17491
- Litchfield, D. see Kohn, M. 1-32135
- Lites, B.W. Steady flows in the chromosphere and transition-zone above active regions as observed by OSO-8 1-36256
- Lites, B.W., Bruner, E.C., Wolfson, C.J. OSO-8 observations of the impulsive phase of solar flares in the transition-zone and corona 1-54452
- Lites, B.W. see Cram, L.E. 1-32671
- Litfin, G., Pollock, C.R., Kasper, J.V.V., Curl, R.F., Jr., Tittel, F.K. Computer controlled IR spectrometer using a color center laser 1-18311
- Litfin, G., Welling, H. Colour centre lasers 1-29287
- Lititskii, V.A., Kostromin, A.G., Bondarenko, V.V., Bryndin, F.B. Reactimeter with a pulsed measurement channel 1-23803
- Litke, S.V. see Gaidarova, V.N. 1-4249
- Litmanovich, V.I. see Strigyn, V.D. 1-8451
- Litovchenko, A.S., Melnikov, A.A. The local magnetic fields on aluminum nuclei in ferrihydrous mica structure 1-26048
- Litovchenko, G.D., Girshgorn, V.M. Study of the interaction of polyacrylonitrile with solvents according to IR absorption spectra 1-46184
- Litovchenko, V.G., Lisovskii, I.P., Litvinov, R.O. Application of UV light for studying surface reactions in layer structures 1-20873
- Litovchenko, V.G., Serba, A.A., Gorbun, A.P., Ivanova, T.P., Prokurov, A.V. Electrometric optoelectronic volume modulator 1-28027
- Litovchenko, V.G. see Dmitruk, N.L. 1-7663, 1-38833
- Litovchenko, V.G. see Kiblik, V.Ya. 1-3043
- Litovitz, T. see Lagakos, N. 1-37611
- Litovitz, T.A. see Heyes, D.M. 1-11648
- Litovitz, T.A. see Varshneya, D. 1-24925
- Litovskii, E.Ya., Petukhov, E.K., Puchkelevich, N.A., Fedina, I.G. Method of determining the thermal conductivity of efficient heat-insulation materials 1-27969
- Lister, J.D., Birgeneau, R.J., Kaplan, M., Safinya, C.R., Als-Nielsen, J. Order and fluctuations in smectic liquid crystals 1-11852
- Lister, J.D. see Als-Nielsen, J. 1-7082
- Lister, J.K. see Als-Nielsen, J. 1-2320
- Litt, J. see Aston, D. 1-14399, 1-45297, 1-50442
- Litt, M.H. see Weinhold, S. 1-11694
- Littauer, E.L. see Momyer, W.R. 1-53596
- Littenberg, L. see Carroll, A.S. 1-14372
- Littenberg, L.I. see Carroll, A.S. 1-28803
- Littenberg, L.S. see Chiang, I.H. 1-45353
- Little, A.G. see Large, M.I. 1-49541
- Little, C.A. see Miller, C.W. 1-22400
- Little, E.A., Bullough, R., Wood, M.H. On the swelling resistance of ferritic steel 1-784
- Little, J.A., Evans, J.W., Westmacott, K.H. Early stages of reduction of nickel oxide single crystals: an investigation by transmission electron microscope 1-12994
- Little, J.B. see Malcolm, A.T. 1-22071
- Little, L.T., Brown, A.T., Macdonald, G.H., Riley, P.W., Matheson, D.N. Ammonia observations of the molecular clouds near S68, S140, OMC2 and S106 1-9635
- Little, M.J. see Braatz, P.G. 1-11165
- Little, M.J. see Grinberg, J. 1-24522
- Little, R. see Antreasian, J. 1-10287
- Little, R.C., Block, R.C., Harris, D.R., Slovacek, R.E. The neutron capture cross section of ^{232}Th from 0.009 to 18 eV 1-50603
- Little, W.A. see Dafni, E. 1-36923
- Littlejohn, M.A. see Fujita, S. 1-15914
- Littlejohn, M.A. see Glisson, T.H. 1-16342
- Littlejohn, R.P. Contaminated renewal processes and the serial correlogram 1-8836
- Littlewood, P.B. The crystal structure of IV-VI compounds. II. A microscopic model for cubic/rhombohedral materials 1-2384
- Littlewood, P.B. The crystal structure of IV-VI compounds. I. Classification and description 1-2404
- Littlewood, P.B. On the calculation of the macroscopic polarisation induced by an optic phonon 1-3319
- Littman, M.G. see Liu, K. 1-51505
- Littmark, U., Ziegler, J.F. Ranges of energetic ions in matter 1-25343
- Litton, C.W. see Langer, D.W. 1-16373
- Litton, C.W. see Reynolds, D.C. 1-8113
- Litton, J.E. see Gransberg, L. 1-35904
- Litvak, A.G., Fraiman, G.M. Strong Langmuir turbulence excited by electromagnetic waves 1-51950
- Litvak, A.G., Mironov, V.A. On stimulated thermal scattering in plasmas 1-29881
- Litvin, A.A., Maronchuk, I.E., Maronchuk, Yu.E., Tuzovskii, A.M., Yakusheva, A.N. Influence of mass and heat transfer on Al^{10}Bv epitaxial layer growth during forced cooling of a solution in a melt 1-43280
- Litvin, B.N., Byrappa, K. Investigations of the phase formation and crystallization in the system $\text{Cs}_2\text{O-Nd}_2\text{O}_3\text{-P}_2\text{O}_5\text{-H}_2\text{O}$ 1-53163
- Litvin, B.N., Byrappa, K., Beibich, L.G. Growth and properties of monocrystals for miniature lasers 1-43255
- Litvin, D.B. Wreath products and the symmetry of incommensurate crystals 1-7116
- Litvin, E.G. see Nemoshkalenko, V.V. 1-48197
- Litvin, F.F. see Arkhipov, V.N. 1-39896
- Litvin, F.F. see Bykovskaya, L.A. 1-35744
- Litvin, S.E. see Pan, V.M. 1-7578
- Litvin, Yu.K. see Rogovoi, I.D. 1-36723
- Litvinenko, A.G., Osadchiv, V.M. Breakdown of Ar-Ne mixture by a laser pulse 1-42125
- Litvinenko, D.A. see Filippov, G.A. 1-31509
- Litvinenko, G.I., Lokhov, Yu.N., Fivelskii, Yu.D. Generation of hypersound by coherent focused light pulses 1-1637
- Litvinenko, I.I. see Povkh, I.L. 1-51775
- Litvinenko, L.N., Prosvirnin, S.L., Reznik, I.I. An approximate solution of the problem of diffraction by a bounded strip grating 1-46201
- Litvinenko, V.G., Bolgar, A.S., Kas'yan, V.I., Shvedova, L.K., Timofeeva, I.I. Thermodynamic properties of vanadium mononitride in its homogeneity range 1-30416
- Litvinenko, V.F. see Samsonov, G.V. 1-21402
- Litvinenko, V.N. see Armatonov, A.S. 1-23894
- Litvinenko, Yu.G. see Elchaninov, S.D. 1-47941
- Litvinko, A.G., Makarenko, L.F., Murin, L.I., Tkachev, V.D. Electric activity interstitial defect in irradiated n-type silicon 1-2510
- Litvinov, A.I. see Bukhman, Yu.A. 1-19759, 1-51874
- Litvinov, E.A., Mesyats, G.A., Starobinets, A.A. Effect of emission current on the critical properties of superconductors 1-25836
- Litvinov, L.A. see Belaya, A.N. 1-30109
- Litvinov, L.A. see Bliznyuk, V.N. 1-52836

- Litvinov, L.A. *see* Dobrovinskaya, E.R. 1-2362, 1-30107, 1-30110, 1-31330
- Litvinov, L.A. *see* Kulagin, N.A. 1-52129
- Litvinov, L.A. *see* Timan, B.L. 1-30108
- Litvinov, R.O. *see* Kiblik, V.Ya. 1-3043
- Litvinov, R.O. *see* Litovchenko, V.G. 1-20873
- Litvinov, V.E. *see* Vereshchagin, I.P. 1-15705
- Litvinov, V.I. Phase diagram of a superdiamagnet 1-30905
- Litvinov, V.K., Kurochkin, V.I., Karlashchuk, V.I. Optimized compound current leads [in cryogenic magnetic system] 1-14125
- Litvinov, Yu.G. *see* Sulimov, Yu.I. 1-18246
- Litvinov, Yu.M. *see* Karelin, N.M. 1-25802
- Litvinova, L.A. *see* Arshen'ev, B.V. 1-15485
- Litvinova, O.G. *see* Paschenko, V.P. 1-39601
- Litvinova, V.D. *see* Pinus, N.Z. 1-32490
- Litwin, C. *see* Dine, M. 1-45225
- Litwin, S. *see* Englander, S.W. 1-39876
- Litz, D.C. *see* Singh, S.K. 1-48929
- Litzen, U. *see* Bashkin, S. 1-45882
- Litzen, U. *see* Engstom, L. 1-37159
- Litzistorf, G. *see* Sengupta, S. 1-26072
- Liu, A.K., Kubota, T., Ko, D.R.S. Resonant transfer of energy between nonlinear waves in neighboring pycnoclines 1-19732
- Liu, B., Yoshimine, M. The alchemy configuration interaction method. I. The symbolic matrix method for determining elements of matrix operators 1-41324
- Liu, B. *see* Kirby, K. 1-9603
- Liu, B. *see* Matsumoto, S. 1-15081
- Liu, B. *see* Olson, R.E. 1-1319, 1-6175
- Liu, B.Y.H. *see* Mulholland, G.W. 1-17334
- Liu, C. *see* Niedermeyer, H. 1-25040
- Liu, C.F. *see* Moore, R.A. 1-28862
- Liu, C.H. *see* Chen, D.M. 1-34165
- Liu, C.N. *see* Pan, K.M. 1-53841
- Liu, C.S. *see* Aamodi, R.E. 1-38092
- Liu, C.S. *see* Chang, C.L. 1-11548
- Liu, C.S. *see* Myra, J.R. 1-19891
- Liu, C.S. *see* Weiland, J. 1-38062
- Liu, C.T. *see* Demczyk, B.G. 1-53595
- Liu, C.T. *see* White, C.L. 1-39336
- Liu, C.Y., Ismail, K.A.R. Asymptotic solution of free convection near a corner of two vertical porous plates embedded in porous medium 1-37768
- Liu, H.-P. Driving-stress waveform and the determination of rock internal friction by the stress-strain curve method 1-9146
- Liu, H.W. *see* Yang, C.Y. 1-3918
- Liu, I. *see* Shih Liu, I.
- Liu, J. *see* Li, D. 1-7901
- Liu, J. *see* Magee, C.B. 1-20121
- Liu, J. *see* Yen, R. 1-16658
- Liu, J.K. *see* Barish, B.C. 1-10284
- Liu, J.S.K., Collier, R.P. A theoretical analysis of lower plenum sweepout of a pressurized water reactor 1-28679
- Liu, K., Littman, M.G. Novel geometry for single-mode scanning of tunable lasers 1-51505
- Liu, K.C., Grossbeck, M.L. Lifetime estimates of a fusion reactor first wall by linear damage summation and strain range partitioning methods 1-905
- Liu, K.F. *see* Wong, C.W. 1-23648
- Liu, K.L., Bergersen, B. Density of states for a structurally disordered Hubbard model 1-47420
- Liu, K.L. *see* Modrak, P. 1-30665
- Liu, K.P. *see* Kusterer, K. 1-23914
- Liu, L.C. Two-nucleon processes in a coupled-channel approach to pion-nucleus single-charge-exchange reactions 1-41147
- Liu, M. Three fluid hydrodynamics of superfluid ^3He 1-25522
- Liu, M., Nagata, A., Izumi, O. Superconducting properties of the in situ Cu-22.5 mass%Nb-Sn composites 1-25821
- Liu, M. *see* Nagata, A. 1-42894
- Liu, M.T.H. *see* Burkholder, D. 1-14823
- Liu, N.L. *see* Huang *see* Huang Liu, N.L.
- Liu, P.C., Loper, C.R., Jr. Scanning electron microscope study of the graphite morphology in cast iron 1-21440
- Liu, P.L., Lin, C., Damen, T.C., Eilenberger, D.J. A simple picosecond pulse generation scheme for injection lasers 1-51527
- Liu, P.L.-F. *see* Lennon, G.P. 1-36004
- Liu, P.L.-F. *see* Lozano, C. 1-37956
- Liu, Q.K.K., Kanada, H., Tang, Y.C. Microscopic study of $^3\text{He}(\alpha, \gamma)^7\text{Be}$ electric-dipole capture reaction 1-41125
- Liu, R., Narita, N., Altstetter, C., Birnbaum, H., Pugh, E.N. Studies of the orientations of fracture surfaces produced in austenitic stainless steels by stress-corrosion cracking and hydrogen embrittlement 1-16876
- Liu, S.C., Kley, D., McFarland, M., Mahlman, J.D., Levy, H., II. On the origin of tropospheric ozone 1-44256
- Liu, S.H. Lattice gas model for the metal-electrolyte interface 1-34797
- Liu, S.H. Magnetic excitations in sinusoidally modulated spin structures 1-34887
- Liu, T.S. *see* Weinman, L.S. 1-11995
- Liu, Y., Matzie, R.A. Licensing assessment of extended-burnup fuel 1-5854
- Liu, Y.C. *see* Chang, C.N. 1-10817
- Liu, Y.-C. *see* Chen, J.-R. 1-38676
- Liu, Y.M. *see* Thurber, W.R. 1-12107, 1-20769
- Liu, Y.Y., Billone, M.C., Hsieh, T.C. Analysis of stresses in GCFR cladding under normal operating conditions 1-41165
- Liu, Y.Z., Deyhimi, I., Anderson, R.J., Milano, R.A., Cohen, M.J., Harris, J.S., Jr., Tomasetta, L.R. A backside-illuminated imaging AlGaAs/GaAs charge-coupled device 1-33052
- Liu Bai-chen, Loper, C.R., Kimura, T., Park, H.K. Observations on the graphite morphology in cast iron 1-48617
- Liu Bo, Wu Zong-En A microscopic calculation of $\pi^{+16}\text{O}$ elastic scattering 1-45542
- Liu Bo, Zhang Zong-Ye The isobar excitation mechanism of the pion single charge exchange reaction 1-41148
- Liu Caimu *see* Sun Fuyu 1-39410
- Liu Chang-Yi *see* Huang Zhong-Xian 1-4434
- Liu Chao-xin *see* Xu Xiao-zhen 1-48245
- Liu Chen, Cheng, C.Z. Drift-wave eigenmodes in toroidal plasmas 1-19890
- Liu Chen *see* Nevins, W.M. 1-11546
- Liu Chi-Ching *see* Chi-Ching Liu
- Liu Ci-qun *see* Chen Zhong-xiang 1-2072
- Liu De-Min, Yang Xu-Xia, Wei Xiu-Bin Current progress of laser therapy on malignant tumors of the head and facial regions 1-49091
- Liu Deng-Ying *see* Deng-Ying Liu
- Liu Gaolan Variational principles and generalized variational principles for the hybrid aerodynamic problem of airfoil cascades on an arbitrary stream sheet of revolution 1-33974
- Liu Guang-jun A model equation of the Boltzmann equation and its application to the plane Couette flow problem 1-1999
- Liu Guanqun *see* Yang Qiqin 1-53429
- Liu Gui-Lin *see* Goebel, K. 1-45748
- Liu Guo-Xing *see* Jin Gen-Ming 1-18664
- Liu Han-shou *see* Han-shou Liu
- Liu Hong-bin *see* Liang Jing-kui 1-2398
- Liu Hongju *see* Li Yushan 1-37607
- Liu Hsi-Ping *see* Hsi-Ping Liu
- Liu Hua-Kuang *see* Hua-Kuang Liu
- Liu Hui-run *see* Bai Nai-zi 1-25257
- Liu I-Shih *see* I-Shih Liu
- Liu Jian-bang An analytical solution of confocal unstable optical resonator 1-19366
- Liu Jian-ye *see* Ge Ling-Xiao 1-45531
- Liu Jianhua *see* Sun Fuyu 1-39410
- Liu Jin-li *see* Yang Pei-cai 1-54212
- Liu Jingyan *see* Li Yuqing 1-38327
- Liu Ken Pao *see* Stuirbrink, A. 1-18658
- Liu Kuo-Liang *see* Miao Ho-Cho 1-21393
- Liu Liao, Xu Dian-yan The Hawking evaporation of Dirac particles 1-49709
- Liu Lin-gun *see* Lin-gun Liu
- Liu Mao-San, Chen Ren-Huai, Wu Wen-Tai, Li Shu-Zhen Planar multipole field of a permanent magnet system with multi-segmented ring structure 1-41268
- Liu Mao-San, Chen Ren-Huai, Wu Wen-Tai, Li Shu-Zhen On the analysis of segmented ring permanent magnet multipole fields 1-46196
- Liu Miao-hong *see* Chen Jian-wen 1-6546
- Liu Miao-hong *see* Chen Jianwen 1-37464
- Liu Ping *see* Guo Ke-xin 1-2293
- Liu Qing A study on the initial carbides formed during isothermal decomposition of austenite in chromium steel 1-53179
- Liu Renbao *see* Renbao Liu
- Liu Ru-liang Analysis of the mass density and oblateness of disc galaxies 1-40566
- Liu Ruimin *see* Ruimin Liu
- Liu Ruo-Zhuang, Feng Wen-Lin LCAO-MO treatment for deep levels produced by ion implantation of oxygen in gallium arsenide 1-7552
- Liu Shang-be *see* Mo Dang 1-20244
- Liu Shi-jie, Lu Jun, Gao Lin-zheng, Su Xian-ying, Zhou Cheng-bing A three component flux-gate magnetometer 1-22499
- Liu Wan-Qin *see* Zhang Zhi-Li 1-9084
- Liu Xian-duo *see* Ying Chong-Fu 1-46647
- Liu Xin-ping Numerical computation for plasma equilibrium in a Tokamak 1-29898
- Liu Xue-zong *see* Wang Ru-quan 1-29718
- Liu Yao-yang, Wang Ke-lin, Bao Xi-ming Wind-ing number and gauge condition 1-18380
- Liu Yi-Cheng *see* Zhang Ping-Hua 1-49543
- Liu Yi-Ming *see* Deng L. Qi-Dong 1-4433
- Liu Yong-xian *see* Wu Bang-hui 1-18381
- Liu Yongzhen *see* Cao Shenglin 1-32770
- Liu Yuan-Ho *see* Miao Ho-Cho 1-21393
- Liu Zhen-mao, Wang Gui-hua A dislocation source in the float-zone grown silicon single crystals 1-20211
- Liu Zong-cheng *see* Tan Ting-dong 1-22500
- Liukonen, R.A. *see* Alekseev, V.N. 1-51489
- Livaccari, R.F., Burke, K., Sengor, A.M.C. Was the Laramide orogeny related to subduction of an oceanic plateau? 1-40113
- Livage, J., Pasturel, A., Sanchez, C., Vedel, J. ESR study of lithium incorporation by V_2O_5 single crystals 1-34932
- Livage, J. *see* Ballutaud, D. 1-31014
- Livage, J. *see* Henri, M. 1-47937
- Livage, J. *see* Tougné, P. 1-38975
- Livan, M. *see* Contia, C. 1-14418
- Livanova, L.D. *see* Dubinski, M.A. 1-21248
- Liverani, C. *see* Turchetti, G. 1-32854
- Liverman, M.G. *see* Dietz, T.G. 1-37283
- Livesay, B.R. *see* Larsen, J.W. 1-2804
- Livesey, D.W. *see* Ridley, N. 1-16858
- Livesey, V.B., Knott, J.F. The initiation of fatigue cracks at notches 1-31646
- Livet, F. *see* Mai, C. 1-21446
- Livi, R., Maritan, A. Wilson-Kadanoff and conventional renormalization for a massless ϕ^4 theory 1-50308
- Livi, R. *see* Bergia, S. 1-18057
- Livi, R.P. *see* Baumvol, I.J.R. 1-31077
- Livingston, A.E., Hinterlong, S.J. Observation of fine structure in the $1s2d2p^2 \rightarrow 1s2p^2$ ^3S transition of core-excited O^{1+} 1-29130
- Livingston, A.E., Hinterlong, S.J. Spectrum of Br VII 1-45891
- Livingston, A.E. *see* Berry, H.G. 1-1398
- Livingston, H.D. *see* Bowen, V.T. 1-9180
- Livingston, R.C. Comparison of multifrequency equatorial scintillation: American and Pacific sectors 1-4699
- Livingston, W. *see* Duval, T. 1-27465
- Livingston, W.L. TMI lessons-learned demand full systems approach to control design 1-23715
- Livingstone, D., Royer, T.C. Observed surface winds at Middleton Island, Gulf of Alaska and their influence on the ocean circulation 1-17607
- Livingstone, D., Royer, T.C. Eddy propagation determined from rotary spectra 1-49280
- Livingstone, J. *see* Binh, L.N. 1-1723, 1-24495
- Livio, M., Buchler, J.R., Pensnel, W.D. Stability analysis of slow spherical motion for a gravitating fluid 1-54533
- Livio, M., Regev, O., Shaviv, G. Kelvin-Helmholtz instability in clusters of galaxies 1-4985
- Livio, M. *see* Barranco, M. 1-49702
- Livio, M. *see* Buchler, J.R. 1-44584, 1-49861
- Livio, M. *see* Leibowitz, E.M. 1-9580
- Livnat, A., Kafri, O., Erez, G. Hills and valleys analysis in optical mapping and its application to moiré contouring 1-9266
- Livne, Z., Bar-Or, A., Kimmel, G., Weiss, B.Z. Molten pockets at the interface of explosive-bonded couples 1-35500
- Livni, T. *see* Hall, I.W. 1-16861
- Livshits, A.A. *see* Sidorov, V.A. 1-8324
- Livshits, B.G., Lileev, A.S., Menushenko, V.P., Skakov, Yu.A., Yagodin, Yu.D. Methods of determining the perfection of magnetic and crystalline texture of permanent magnets based on SmCo_5 1-16460
- Livshits, M.I. *see* Kornev, A.D. 1-4000
- Livshits, V.Ya., Karapetyan, G.O. Concentration and optical changes in a multicomponent silicate glass during ion exchange 1-48022
- Livshits, V.Ya. *see* Karapetyan, G.O. 1-41863
- Lixing Zhou *see* Zhou Lixing
- Lizhi Fang *see* Fang Lizhi
- Lizunkova, I.S. *see* Kajmakov, E.A. 1-54426
- Lizunov, V.I. *see* Shtremel', M.A. 1-8303
- Lizurei, G.I. *see* Budzyak, A.V. 1-45466
- Ljaptshev, A.V., Petrun'kin, A.M., Kiselev, A.A. Application of adiabatic perturbation theory to the investigation of relativistic interactions in molecule 1-41330
- Ljolie, K. *see* Brana, J. 1-40924, 1-40950, 1-40951
- Ljubic, J. Application of the moiré technique for measuring linear displacements 1-342
- Ljubisa, L., Vrhova, S. The selection of the nuclear combustion cycle 1-23784
- Ljungstrom, E. *see* Jagner, S. 1-20132
- Ljutzkanov, V.L. *see* Kunev, N.K. 1-33705
- Liabador, Y. *see* Basse-Cathalinat, B. 1-40026
- Liabador, Y. *see* Cabot, C. 1-45546
- Liabres, G., Baiwir, M., Christiaens, L., Piette, J.-L. Nuclear magnetic resonance study of organic compounds containing chalcogenides. IV. Diphenyl disulphide and their selenium and tellurium analogues 1-29000
- Liabres, G. *see* Piette, J.-L. 1-4081
- Liabres, J. *see* Arjona, F. 1-17205
- Llano, M. *see* de Llano, M.
- Llauger, J.A., Walton, G.N. Absorption and desorption of hydrogen from zirconium foil 1-52296
- Lebaria, A. *see* Hua, C.T. 1-49765
- Lebaria, A. *see* Rasigni, M. 1-42843
- Lebot, J.E. *see* Jimenez, J.I. 1-17158
- Lewellyn, G., Stanley-Wood, N.G. Development of an instrument system for in-stream monitoring of concentration and particle characteristics 1-24905
- Lewellyn, J.P. *see* Davies, H.W. 1-26175
- Lewellyn Smith, C.H. Topics in quantum chromodynamics 1-14259
- Lewellyn Smith, C.H., Ross, G.G., Wheeler, J.F. Low-energy predictions from grand unified theories 1-28256
- Lewellyn-Jones, D.T., Moffat, P.H., Knight, R.J., Gebbie, H.A. New method of measuring low values of dielectric loss in the near millimetre wavelength region using untuned cavities 1-9995
- Linares, A. *see* Geoffroy, M. 1-10763
- Linas, M. *see* de Marco, A. 1-14917

- Linas, R., Steinberg, I.Z., Walton, K. Presynaptic calcium currents in squid giant synapse 1-53766
- Linas, R., Steinberg, I.Z., Walton, K. Relationship between presynaptic calcium current and postsynaptic potential in squid giant synapse 1-53767
- Linas, R. *see* Hillman, D.E. 1-17538
- Llobet, X. *see* Asso, E. 1-2190
- Lois, A.M., Cohan, N.V. On the free energy of disordered alloys and the moments of the density of states 1-30422
- Llorens, M. *see* Villarrubia, M. 1-8681
- Llorens Morraja, M. *see* Diaz Gonzalez, F. 1-30973
- Llorente de Andres, F. *see* Castelli, F. 1-27480
- Llorente de Andres, F. *see* Morales, C. 1-9591
- Lloret, A. *see* Drevillon, B. 1-16703
- Llosa, R. *see* Adamovich, M.I. 1-45317
- Llosa, R. *see* Fiorino, A. 1-50583
- Lloyd, C. *see* Barr, P. 1-13855
- Lloyd, C.H. *see* Long, N.J. 1-35281
- Lloyd, D.C. Chromosome aberrations in radiation workers 1-39968
- Lloyd, D.C. *see* Edwards, A.A. 1-4332
- Lloyd, D.C. *see* Purrott, R.J. 1-13291
- Lloyd, D.E. *see* Kelly, M.M. 1-46469
- Lloyd, D.J. The deformation of commercial aluminum-magnesium alloys 1-8387
- Lloyd, D.S. *see* Smith, A.T. 1-53916
- Lloyd, E.K. Murray *see* Murray Lloyd, E.K.
- Lloyd, G.A., Martin, J.W. The effect of dislocation density on the creep of dispersion-strengthened copper crystals 1-26553
- Lloyd, G.O. Mechanism of breakdown oxidation on Fe/10% Cr 1-26649
- Lloyd, G.O. *see* Batson, J. 1-26683
- Lloyd, J.L. *see* Deden, H. 1-28311
- Lloyd, J.R., Nakahara, S. Grain boundary and vacancy diffusion model for electromigration-induced damage in thin film conductors 1-16100
- Lloyd, J.R., Roush, W.B., Sullivan, M.J. Sputtered quartz quality test 1-21655
- Lloyd, L.B., Burnham, R.K., Chandler, W.L., Eyring, E.M., Farrow, M.M. Fourier transform photoacoustic visible spectroscopy of solids and liquids 1-18301
- Lloyd, L.B., Risenman, S.M., Burnham, R.K., Eyring, E.M., Farrow, M.M. Fourier transform photoacoustic spectrometer 1-23316
- Lloyd, M.H. *see* Collins, E.D. 1-18856
- Lloyd, P., Mirtschin, A.W., Cragg, D.M. Alternative renormalisation in the Kondo problem 1-47848
- Lloyd, P.A. *see* Curtis, G.J. 1-43620
- Lloyd, R.C., Bierman, S.R., Clayton, E.D., Durst, B.M. Using soluble neutron absorbers for criticality safety 1-10462
- Lloyd, S.L. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Lloyd, S.P. Underwater sound from surface waves according to the Lighthill-Ribner theory 1-46617
- Lloyd, T.C., Jr., Cooper, J.A. Failure of tracheal distension to inhibit breathing in anesthetized dogs 1-13269
- Lloyd Evans, T. Spectral classification of carbon stars in Magellanic Cloud clusters 1-9494
- Lo, A. *see* Nims, J. 1-23330
- Lo, C., Krishnaswamy, S.V., Rao, K.R.P.M., Messier, R., Mulay, L.N. Synthesis of iron-nitrogen compounds by RF sputtering: Mossbauer studies 1-21347
- Lo, C.Y. High-energy scattering amplitudes of Yang-Mills theories in generalized leading-term approximation and eikonal formulas 1-45140
- Lo, H.H. *see* Halle, J.C. 1-35518
- Lo, R.K. *see* Simms, R. 1-5905
- Lo Giudice, E. *see* Bottari, A. 1-4437
- Lo I Yin, Trombka, J.J., Seltzer, S.M. Three-dimensional imaging of X-ray and gamma-ray objects in real time 1-5447
- Lob, H.W. *see* Freisinger, J. 1-15654
- Lobachev, A.N. *see* Duderov, N.G. 1-8207
- Lobachev, E.A. *see* Dakhno, L.G. 1-40995
- Lobachev, M.V. The optical system in the planetary spectrograph for the BTA telescope 1-3973
- Lobachev, V.A. *see* Bagdasarov, Kh.S. 1-51490
- Lobachev, V.A. *see* Zhekov, V.I. 1-1573
- Lobachevskii, I.V. *see* Aleksandrov, A.L. 1-9151
- Lobachenko, A.N. *see* Palamarchuk, V.K. 1-40234
- Lobanov, A.A., Nestyurina, E.E., Ufimtsev, V.B. Behavior of iron during epitaxial growth of GaP from the liquid base 1-42404
- Lobanov, B.D. *see* Parfianovich, A.I. 1-12542
- Lobanov, E.A. *see* Gurus, S.V. 1-30990
- Lobanov, V.A. *see* Bitshenkov, E.I. 1-33016, 1-33019
- Lobanov, Yu.Yu. *see* Dineikin, M. 1-40993
- Lobanova, G.I. *see* Gal'tsev, A.P. 1-4672
- Lobanova, N.V. *see* Tyutikov, A.M. 1-43229
- Lobas, L.G., Nikitina, N.V. The influence of the lateral deviation law nonlinearity on the wheel vehicle turn 1-24665
- Lobashev, V.M. *see* Altarev, I.S. 1-28774
- Lobashev, V.M. *see* Vesna, V.A. 1-41094
- Lobastov, Yu.P. *see* Pushkarskii, V.I. 1-7880
- Lobato, E.M.L., Onodera, S. Matching kernel function curves in order to interpret field resistivity data 1-15053
- Lobb, C.J., Frank, D.J., Tinkham, M. Percolative conduction in anisotropic media: a renormalization-group approach 1-50076
- Lobb, C.J. *see* Bevk, J. 1-47825
- Lobb, D. *see* Sullivan, S. 1-41819
- Lobb, D.E., Southon, J.R., Nelson, D.E., Wiesenhahn, W., Korteling, R.G. An ion injection system for use in Tandem accelerator radioisotope dating devices 1-37022
- Lobb, R.C., Evans, H.E. Evaporation of elements from 20Cr-25Ni-Nb stainless steel during vacuum annealing 1-30399
- Lobbia, G. *see* Giola, L. 1-41819
- Lobecker, R.N., SethuRaman, S., Field, G. SAT-DAS-for air-sea interaction data acquisition using satellite telemetry 1-54249
- Lobko, M.P. *see* Pashkov, V.V. 1-47998
- Lobkovskaya, R.M. *see* Shibaeva, R.P. 1-30221
- Lobkovskii, E.B., Borisov, A.P., Makhaev, V.D., Semenenko, K.N. Crystal and molecular structure of tetrahydridotetrakis (tri-isopropylphosphito)tungsten 1-42355
- Lobkovskii, E.B., Makhaev, V.D., Borisov, A.P., Semenenko, K.N. X-ray structural study of tetrahydro-tetrakis(diphenylthylphosphino)tungsten 1-7158
- Lobkovskii, E.B. *see* Antipin, M.Yu. 1-7157
- Lobkovskii, L.L. *see* Karakin, A.V. 1-27128
- Lobkowicz, F. *see* Bebek, C. 1-33191
- Lobkowicz, F. *see* Berg, D. 1-28320
- Lobkowicz, F. *see* Chadwick, K. 1-33192
- Lobkowicz, F. *see* Collick, B. 1-45290
- Lobkowicz, F. *see* Jochems, R. 1-51013
- Loh, H. *see* Hinz, H.-D. 1-10037
- Loh, J.A. *see* Domini, D. 1-49939
- Lobo, M., Sachdev, P.L. Some direct numerical approaches to the solution of the singular non-linear transonic internal equation 1-29716
- Loboda, Ye.A. *see* Korsunov, N.I. 1-23209
- Lobotka, P. *see* Luby, S. 1-25490
- Lobotka, P. *see* Vavra, I. 1-52337
- Lobov, N.I. Stability of mixed convective flow in a plane vertical layer 1-19699
- Lobova, V.M. *see* Koval', N.A. 1-47335
- Lobovik, S.B. Stability of a half-space about a spherical, nonuniformly loaded cavity 1-24711
- LoBrutto, R., Budzinski, E.E., Box, H.C. ESR-ENDOR study of radiation effects in zinc acetate 1-34942
- Loc Ta Phuoc *see* Ta Phuoc Loc
- Locatelli, M. Phonon interactions at crystal boundaries below 1K 1-15982
- Locatelli, M., Cappelletti, R., Zecchi, E. Phonon resonances induced by Pb in KCl studied by means of thermal conductivity and ionic thermocurrent techniques 1-20335
- Locatelli, M., Cappelletti, R., Zecchi, E. Correlated thermal conductivity and ionic thermocurrent measurements to study the Suzuki-like phase nucleation in KCl:Pb 1-20487
- Locatelli, M., Zecchi, E., Cappelletti, R. Correlated thermal conductivity and ionic thermocurrents measurement to study lead induced defect in KCl 1-2715
- Locatelli, M. *see* Adolf, A. 1-16120
- Locatelli, M. *see* Ayache, C. 1-16121
- Locatelli, M. *see* Laermans, C. 1-34699
- Loch, C. *see* Crouzel, C. 1-43999
- Locher, J.W., Cocks, F.H. An X-ray study of ionic carbide solid solubilities 1-7337
- Lochmann, R. *see* Dmitriev, J. 1-51124
- Lochmann, R. *see* Klose, G. 1-51228
- Lochmann, W., Haug, A. Calculation of Auger coefficients for silicon with evaluation of the overlap integrals 1-47671
- Lochner, K., Bassler, H. Dilatometric study of thermal polymerization of diacetylene-bis(toluenesulfonate) 1-21725
- Lochner, K., Bassler, H., Sebastian, L., Weiser, G., Wegner, G., Enkelmann, V. Sensitized photoconduction in a polydiacetylene crystal (DCHD) 1-52598
- Lochner, K., Bassler, H., Sowa, H., Ahsbahs, H. Compressibility of a polydiacetylene crystal under hydrostatic pressure and reinterpretation of the pressure-effect on the 2 eV transition 1-15946
- Lochner, O. *see* Churchwell, E. 1-44613
- Lock, D.-K. *see* Vandenbosch, R. 1-33240
- Locke, M. *see* Parmar, A.N. 1-27636
- Lockett, F.J. Prediction of fibre orientation in moulded components 1-33987
- Lockett, F.J. Effects of anisotropy and inhomogeneity on GRP pressure pipe 1-35307
- Lockett, M.J., Dhulesia, H.A. Murphree plate efficiency with nonuniform vapour distribution 1-6885
- Lockhart, C.M., Miller, M.K. Generalized shading formula from a given line shading 1-11251
- Lockman, F.J. Star formation and ionization in the 3 kiloparsec arm 1-36384
- Lockner, T.R., Friedman, M. Collective acceleration of electrons using an autoacceleration process 1-41261
- Lockwood, A. *see* Stapfer, G. 1-53635
- Lockwood, A.H. *see* Riley, K.J. 1-5398
- Lockwood, D.J. Raman spectrum of trigonal zinc-chlorine borate 1-21183
- Lockwood, D.J. Excitations in commensurate and incommensurate BaMnF₂: a light scattering study 1-43109
- Lockwood, D.J. *see* Johnstone, I.W. 1-3414, 1-30932, 1-39099
- Lockwood, D.J. *see* Mischler, G. 1-48070
- Lockwood, G.W. *see* Mills, R.L. 1-54408
- Lockwood, G.W. *see* Suess, S.T. 1-36214
- Lockwood, J.A. *see* Debrunner, H. 1-40291
- Lockwood, J.G. *see* Pollard, D. 1-36054
- Lockwood, M., Mitchell, V.B. Oblique HF radio wave propagation in the main trough region of the ionosphere 1-17734
- Lockyer, N., Romanowski, T.A., Bowman, J.D., Hoffman, C.M., Mischke, R.E., Nagle, D.E., Potter, J.M., Talaga, R.L., Swallow, E.C., Alde, D.M., Moffett, D.R., Zyskind, J. Parity nonconservation in proton-nucleon scattering at 6 GeV/c 1-18503
- Loda, R.T. *see* Kohler, B.E. 1-39119
- Lodder, A., Braspenning, P.J. Cluster model electron lifetimes in dilute potassium alloys 1-7597
- Lodder, A. *see* Braspenning, P.J. 1-34697
- Lodder, A. *see* Molenaar, J. 1-42768
- Lodding, A. *see* Grimmer, H.G. 1-42714
- Loden, K. Criteria and applications of the MK classification (early type stars) 1-49624
- Loden, L.O., Sundman, A. On the variation of the colour excess in the Carina-Crux-Centaurus-Norma region of the Milky Way 1-27578
- Lodes, A. Analysis of stochastic data of speed from laser-Doppler measurements in a steady state liquid flow 1-46827
- Lodewijk, M. *see* Kriens, R.F.C. 1-233
- Lodge, A. *see* Barnett, A.B. 1-26899
- Lodge, K.W. *see* Baumvol, J.J.R. 1-31077
- Lodha, N., Saxena, N.S., Bhandari, R.C. Phonon dispersion in liquid carbondisulphide 1-11830
- Lodi Rizzini, E. *see* Bendicic, G. 1-36949
- Lodin, G.B. *see* Balashov, I.F. 1-9283
- Loeb, H.W. *see* Thuermer, R. 1-15629
- Loebenstein, H.M. *see* Arad, B. 1-34050
- Loebinger, F. *see* Bartel, W. 1-18500
- Loebinger, F. *see* O'Neill, L.H., Jr. 1-50443
- Loebinger, F.K. *see* Bartel, W. 1-45253, 1-45254
- Loef, J.J. *see* van Loef, J.J.
- Loeffler, E. *see* Lewandowski, Z. 1-18634
- Loegel, B. *see* Berrada, A. 1-25925
- Loegel, B. *see* Hassanain, N. 1-30864
- Loehman, R.E. Oxynitride glasses 1-30074
- Loehr, T.M. *see* Massey, G.A. 1-35020
- Loehr, T.M. *see* Thammann, T.J. 1-1244
- Loeser, F. *see* Bennett, C.L. 1-17746
- Loevinger, R. A formalism for calculation of absorbed dose to a medium from photon and electron beams 1-44006
- Loew, G.H., Herman, S.S., Zerner, M.C. Calculated optical spectrum of model oxyheme complex 1-1422
- Loewenhaupt, M. Neutron studies of CEF excitations and linewidths of dilute systems 1-25878
- Loewenhaupt, M., Horn, S., Scheuer, H., Schafer, W., Steglich, F. Magnetic behavior of TmAl₂ at low temperatures 1-25891
- Loewenstein, A., Goldsmith, A.D. NMR study of nitromethane dissolved in a liquid crystal 1-41400
- Loewenstein, R. *see* Werner, M.W. 1-44653
- Loewenstein, R.F., Harper, D.A., Hildebrand, R.H., Moseley, H., Shaya, E., Smith, J. Far-infrared photometry of Titan and Iapetus 1-44485
- Loewenstein, R.F. *see* Wright, E.L. 1-22866
- Loewenstein, W.B. *see* Schgal, B.R. 1-28667
- Loferski, J.J. *see* Hwang, H.L. 1-30588
- Loferski, J.J. *see* Piekoszewski, J. 1-16297
- Loffler, H. *see* Fabian, H.-G. 1-26472
- Loffler, H. *see* Javeri, V. 1-5861
- Loffler, H. *see* Ottel, W. 1-20701
- Loffler, H. *see* Radomsky, M. 1-21449, 1-21450
- Loffler, H.J. *see* Bernicke, W. 1-53420
- Loffredo, M.I. *see* Guerra, F. 1-36518
- Logachev, V.I. *see* Gusev, V.N. 1-36141
- Logachev, Yu.I. *see* Belyakov, S.A. 1-9336
- Logachev, Yu.I. *see* Kurt, V.G. 1-36129
- Logachev, Yu.I. *see* Kuzhevskiy, B.M. 1-22649
- Logacheva, N.S. *see* Min'kov, D.B. 1-12699
- Logan, B.G., Mirin, A.A., Rensink, M.E. Analytic model for classical ion confinement in tandem mirror plugs 1-34105
- Logan, J.D., Hill, H.A., Puccio, P., Rosenwald, R. Solar oscillations interacting through a mean field 1-27478
- Logan, J.D. *see* Caudell, T.P. 1-27463
- Logan, J.M. *see* Smith, M.B. 1-44174
- Logan, R.A. *see* Capasso, F. 1-18294
- Logan, R.A. *see* Cohen, E. 1-3477
- Logan, R.A. *see* Narayanamurti, V. 1-16257
- Logan, R.A. *see* Petroff, P.M. 1-16350
- Logan, R.A. *see* Shank, C.V. 1-47638
- Logan, R.A. *see* Tsui, D.C. 1-8076
- Logan, S.E., Conarty, R.L., Ng, H.S. Long-term risk analysis of actinide partitioning and transmutation 1-856

- Loge, B., Rialland, J.F., Robert, J. Study of an electrochemical generator working in a bithermal cycle 1-39755
- Loge, G.W., Parmenter, C.S. Polarization effects on rotational line strengths in collision-free polyatomic fluorescence spectra 1-37238
- Loge, G.W., Wiesenfeld, J.R. Photofragment fluorescence polarization following laser-induced photodissociation of XeF_2 1-41446
- Logel, J. The effects of the February 28, 1979 Alaskan earthquake on ground water levels in Iowa 1-54146
- Loges, F. Modelling of the state of inelastic deformation induced by a rigid indenter in a brittle material 1-34419
- Loggini, M., Sandrolini, F. A thermal controller with adjustable ramp for studying the thermally stimulated currents in insulating materials 1-5342
- Logginov, A.S. *see* Durasova, Yu.A. 1-21013
- Logginov, A.S. *see* Ivanov, L.P. 1-25999
- Logginov, A.A., Popov, V.A. Exciton-magnon coupling in antiferromagnets and the energy spectrum of excitons 1-42959
- Loginov, A.A. *see* Popov, V.A. 1-3160
- Loginov, A.V. *see* Gruzdov, P.F. 1-1176
- Loginov, B.B., Gaidenko, V.P. Investigation of the aerial oxidation of films prepared on silicon by the action of HF-NaNO_2 solutions 1-3955
- Loginov, G.A. *see* Baranskii, L.N. 1-22622
- Loginov, M.V., Mittsev, M.A. Concentration dependences of the lifetime and heat of adsorption of europium atoms on a tungsten surface 1-25574
- Loginov, M.V., Mittsev, M.A. Investigation of the concentration dependences of the lifetime of europium atoms adsorbed on tungsten by flux modulation 1-25577
- Loginov, V.A. *see* Aleksandrov, A.B. 1-15086
- Loginov, V.I. *see* Lapiga, E.Ya. 1-51848
- Loginov, Yu.E. *see* Alexeev, V.L. 1-639
- Loginov, Yu.E. *see* Emelianov, B.A. 1-28827
- Loginova, I.S. *see* Duglavl, L.N. 1-28105
- Logofatu, B., Dafinei, A., Dafinei, I. Deposition and study of some properties of tin oxide films 1-34812
- Logofatu, B. *see* Logofatu, M.A. 1-34738
- Logofatu, M.A., Logofatu, B., Lazarescu, M.F., Dumitriu, M.T. Some indium arsenide photoconductive properties 1-34738
- Logunov, A.A. *see* Denisov, V.I. 1-36557
- Logvinenko, V.A., Gegola, O.V. Errors in the evaluation of the thermal (kinetic) stability of compounds by means of the start temperature of thermal decomposition in the presence of iso-kinetic points 1-26733
- Logvinenko, V.A., Peshchevitsky, B.I., Gegola, O.V. An analysis of the possible causes of apparent compensation effects when investigating a substance under varying experimental conditions 1-26728
- Logwinienko, R. *see* Taniawska-Osinska, S. 1-21756
- Loh, E. Semiuniform asymptotic expansions of the diffraction integral 1-1455
- Loh, E., Jr. *see* Sparks, M. 1-39193
- Loh Beiliang *see* Beiliang Loh
- Lohamick, A.W. *see* Ketchum, R.D., Jr. 1-13486
- Lohasz, M. *see* Blazso, T. 1-32076
- Lohaus, P.H. *see* Dale Smith, R. 1-50846
- Lohberger, C. *see* Gundermann, K.D. 1-51132
- Lobe, D., Vohringer, O., Macherauch, E. The influence of graphite shape on mechanical properties of ferritic cast iron 1-43470
- Lobez, D., Lannoo, M. A calculation of defect gap states on the clean (110) surfaces of some III-V semiconductors 1-7696
- Lohmann, A.W. Optics in four dimensions. Why? 1-41554
- Lohmann, W. On the structure of star and galaxy clusters 1-13821
- Lohmann, W. *see* Arestov, Yu. 1-5668
- Lohne, O., Naess, O.J. The effect of dispersoids and grain size on mechanical properties of AlMgSi alloys 1-21590
- Lohner, H. *see* Gaul, G. 1-50610
- Lohneysen, H. *see* von Lohneysen, H.
- Lohneysen, H. *see* von Lohneysen, H.
- Lohr, B. *see* Boerner, H. 1-14741
- Lohr, B. *see* Brandelick, R. 1-23510, 1-23527
- Lohr, D. *see* Van Holde, K.E. 1-8795
- Lohr, L.L., Jr., Hotokka, M., Pyykkö, P. Relativistically parameterized extended-Hückel calculations. II. Orbital energies of group-IV tetrahalides and tetramethyls 1-1114
- Lohr, R. *see* Roth, P. 1-21698
- Lohr, R.D., Ellison, E.G. A simple theory for low cycle multiaxial fatigue 1-37850
- Lohr, R.D., Ellison, E.G. Biaxial high strain fatigue testing of 1Cr-Mo-V steel 1-39552
- Lohse, A.K., Shewchuk, J. Effect of clamping pressure on the fatigue strength of dimpled and undimpled loaded holes 1-26613
- Lohse, D.J., Sanchez, I.C. A mean field theory of polymer solutions 1-38228
- Lohse, D.J. *see* Gaylord, R.J. 1-34254, 1-42329
- Loiacono, G.M., Delfino, M., Shaulov, A., Smith, W.A., Bell, M.I. Effects of inhomogeneous strain in ferroelectric crystals near their phase transitions 1-26138
- Loiacono, G.M. *see* Jacco, J.C. 1-53072
- Loibl, B. Hartmann tests on large telescopes carried out with a small screen in a pupil image 1-32619
- Loidl, A. *see* Jex, H. 1-39016
- Loidl, A. *see* Knorr, K. 1-20350, 1-34863
- Loier, C., Boos, J.Y. Striation and faceting of grain boundaries in nickel due to sulfur and other elements 1-52150
- Loier, C., Fillit, R., Fourdeux, A., Boos, J.Y. Morphological, mechanical and chemical aspects of the behaviour and effects of sulphur in the grain boundaries of nickel 1-35260
- Loijens, H.S. Determination of soil water content from terrestrial gamma radiation measurements 1-17709
- Loiko, T.V. Detection of fast electrons in microsecond discharges in air at atmospheric pressure 1-25100
- Loiko, V.A. *see* Dotsenko, A.V. 1-48023
- Loinger, A. *see* Bocchieri, P. 1-18404
- Loireau-Lazach, A.M. *see* Reisfeld, R. 1-26237
- Lois, L. *see* Jakowski, N. 1-40261
- Loiseau, J.M. *see* Raisbeck, G.M. 1-32468
- Loisel, B. *see* Quemerai, A. 1-31165
- Loison, J.L., Robino, M., Schwab, C. Progress in melt growth of Cu_2O 1-3618
- Loitsker, O.D. *see* Tarshish, M.S. 1-2111
- Lojewski, Z., Pomorski, K. Influence of the quadrupole pairing interaction on the spontaneous fission lifetime of heavy nuclei 1-727
- Lojkowski, W. *see* Jung, J. 1-30409
- Loka, R.R. *see* Ostrach, S. 1-6860
- Lokaj, P., Sladky, P. Photoacoustic spectrofluorometer 1-45026
- Lokanathan, S. *see* Kirshnamurthy, A. 1-47991
- Lokanathan, S. *see* Krishnamurthy, A. 1-12080, 1-28815
- Lokanathan, S. *see* Ushida, N. 1-546
- Lokberg, O.J. Advances and applications of electronic speckle pattern interferometry (ESP) 1-14176
- Loken, J. *see* Daum, C. 1-14424, 1-28357
- Loken, S.C. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Lokhande, N.R., Mande, C. A study of gold-copper alloys by X-ray absorption spectroscopy 1-26302
- Lokhatov, V.M. *see* Kuznetsov, V.V. 1-27282
- Lokhnygin, V.D. *see* Ezhkov, A.N. 1-33714
- Lokhonyai, L. *see* Basiladze, S.G. 1-1038
- Lokhov, Yu.N. *see* Golubev, S.G. 1-8001
- Lokhov, Yu.N. *see* Litvinenko, G.I. 1-1637
- Lokhvitskii, Yu.L., Anan'evskii, V.A., Krokhmal', Yu.N., Kolesnikov, V.M., Stepanenko, N.M. Corrosion-mechanical wear in alkali solutions 1-35397
- Lokmane, E.Ya. *see* Balabanov, E.I. 1-48707
- Lokshin, E.L., Bocharov, G.A., Borzetskovskaya, K.M., Kaputkin, E.Ya., Bolotina, T.I. Surface and internal structures of titanium alloy granules 1-26406
- Lokshin, G.R. *see* Bakanina, L.P. 1-29256
- Lokshin, V.A. *see* Dryapochko, Yu.V. 1-31815
- Loktev, O.A. *see* Balygin, A.K. 1-53019
- Loktev, O.A. *see* Bautin, A.V. 1-37523
- Loktev, V.M. Spin excitations of CoCO_3 in a longitudinal magnetic field 1-38919
- Loktev, V.M. On the theory of static magnetic susceptibility of NiF_2 1-52757
- Loktev, V.M. *see* Prikhodko, A.F. 1-39123
- Lolich, J.V. *see* Abate, M.J. 1-732
- Lolos, G.J., Hontzas, S., Sealock, R.M. Angular distributions of the $^{12}\text{C}(\text{e},\text{p})$ reaction at $E_e = 200$ MeV 1-50585
- Lolos, G.J. *see* Sealock, R.M. 1-50591
- Loly, P.D. *see* Bahurmuz, A.A. 1-3165
- Lomakin, L.N. *see* Kovaleskii, E.I. 1-22142
- Lomako, I.D. *see* Grechushnikov, B.N. 1-31122
- Loman, J.M., Murray, R.B. Ion bombardment of alkali halides. V. Particle track effects 1-52187
- Lomanno, F., Jensen, D., Kreisler, M.N., Poster, R., Rabin, M.S.Z., Way, M., Wise, J., Humphrey, J. Measurement of λ^0 polarization in inclusive production at 28.5 GeV/c and comparison of Δ^0/Λ^0 production 1-14426
- Lomanno, F. *see* Wise, J. 1-28316
- Lomas, A. Osorio *see* Osorio Lomas, A.
- Lomb, N.R. Precise observations of minor planets at Sydney Observatory during 1979 1-27415
- Lombard, E. *see* Apers, D.J. 1-54280
- Lombard, G.F. *see* Fasano, V.A. 1-8959, 1-49090
- Lombard, R.J. *see* Angus, J.P. 1-23657
- Lombardero, M., Enciso, E. A RISM theory for multicomponent molecular fluids 1-46966
- Lombardi, G.G. *see* Smith, P.L. 1-50235
- Lombardi, J.R. Hydrogen atom in the momentum representation 1-6152
- Lombardi, J.R. *see* Bunding, K.A. 1-28979
- Lombardi, J.R. *see* Patel, R.I. 1-26749
- Lombardi, J.R. *see* Venkatesan, S. 1-35051
- Lombardi, M. *see* Bruno, M. 1-711, 1-23666, 1-28491
- Lombardi, M. *see* Carre, M. 1-51280
- Lombardini, P.P. *see* Bonino, G. 1-4589, 1-54193
- Lombardo, T.G. Nuclear waste disposal: where and how? 1-41181
- Lombardo, T.G. Communications. IV. Military/aerospace 1-49471
- Lombardo, U. *see* Baldo, M. 1-2755
- Lombos, B.A., Averous, M. The role of pressure in the study of transport properties of solids 1-30739
- Lomenzo, J., Patterson, H., Strobridge, S., Engstrom, H. Sharp-line absorption, luminescence, Raman studies for the Sd^{11} hexafluororhenate(IV) ion in pure and host crystal environments 1-3442
- Lomon, E.L. *see* Wainer, J. 1-489
- Lomonos, L.N. *see* Kapshvili, A.A. 1-29543
- Lomonosov, M.M. *see* Artamonov, K.I. 1-2087
- Lomonosov, V.N. Influence of gradient and centrifugal drifts in the magnetic field of the solar wind on the modulation of galactic cosmic rays 1-4722
- Lomonosov, V.V. *see* Gelman, E.B. 1-1411
- Lomonosoff, G.P. *see* Butler, P.J.G. 1-8796
- Lomonov, V.A. *see* Efendiev, Sh.M. 1-52967
- Lomonova, E.E. *see* Aleksandrov, V.I. 1-38400
- Lomonova, E.E. *see* Voron'ko, Yu.K. 1-12509
- Lomov, A.A. *see* Labushkin, V.G. 1-25976
- Lompre, P. *see* Godefroy, G. 1-26139
- Lomsadze, Yu., Sabad, E.P. Nonlocal quantum field theory in the Bogolyubov axiomatic approach. VIII. Axioms of local properties of the families $\{(\delta^0/\delta\phi^0)^{(n)}\}$ 1-18382
- Lomsadze, Yu.M. *see* Sabad, E.P. 1-441
- Lomtatze, T.A. *see* Javrhvili, A.K. 1-23951
- Lomte, A.I. On the nonlinear polarizability tensor of an anisotropic medium 1-6604
- Lonardo, G. Di *see* Di Lonardo, G.
- Lonberg, N. *see* Kowalczykowski, S.C. 1-8799
- Loncar, G. *see* Musil, J. 1-21610
- Loncarevic, B. *see* Ikonc, Z. 1-41685
- Lonchampt, G. *see* Coates, J.H. 1-14688
- Londer, Ya.I. *see* Kostylev, A.A. 1-15665
- Londergan, J.T. *see* Haider, Q. 1-36922
- London, A.L. *see* Shah, R.K. 1-24785
- London, E.J. *see* Nijhawan, S. 1-38000
- London, G. *see* Aston, D. 1-14399, 1-45297, 1-50442
- London, R.K. *see* Barnes, J.F. 1-6797
- Londos, C.A. *see* Koumelis, C.N. 1-8157
- Londres, H. *see* Trindade, H.A. 1-17331
- Lone, M.A., Santry, D.C., Inglis, W.M. MeV neutron production from thermal neutron capture in Li and B compounds 1-6069
- Lones, J.J. Optical aspects of underwater windows with an overview on mechanical installation 1-19416
- Long, A. *see* Mazany, T. 1-9239
- Long, A.B. *see* Cain, D.G. 1-28649
- Long, A.B. *see* Huggins, A. 1-22530
- Long, A.P. *see* Prance, R.J. 1-42914
- Long, D., Tufte, O.N. The Hall effect in heavily doped semiconductors 1-34728
- Long, D.A. *see* Bertoluzza, A. 1-43113
- Long, D.D., Gupta, O.P., Jenkins, D.A., Debevec, P.T. The calibration of a position-sensitive gamma-ray detector for 50-90 MeV photons 1-37064
- Long, E.R., Jr. *see* Phelps, H.R. 1-48615
- Long, F.M., Weeks, R.W. Animal bioelectrometry-1980 1-32333
- Long, F.M. *see* Potvin, A.R. 1-32816
- Long, G.J. *see* Hardman, K. 1-25889
- Long, L.T. *see* Marion, G.E. 1-32352
- Long, N.J., Loretto, M.H., Lloyd, C.H. The mechanical properties of Cu-Cr-SiO₂ single crystals 1-35281
- Long, R.B. The statistical evaluation of directional spectrum estimates derived from pitch/roll buoy data 1-27192
- Long, R.B. *see* Snyder, R.L. 1-49348
- Long, R.C., Jr. *see* Bechtold, W. 1-21065
- Long, R.L. *see* Kripps, L.J. 1-18791
- Long, R.R. *see* Kantha, L.H. 1-11374
- Long, S.R. *see* Huang, N.E. 1-22345
- Long, W.H., Jr. Pulse forming networks for high pressure discharges 1-38187
- Long Hua Yuan *see* Yuan Long Hua
- Long Ming *see* Wang Chang-Ling 1-4430
- Long Wang *see* Wang Long
- Long-Chun Chang *see* Chang Long-Chun
- Long-Den Nguyen The trivalent behaviour of cerium. Implications for cosmochemistry and thermodynamics 1-25421
- Long-Huan Jin *see* Jin Long-Huan
- Longa, L. Critical temperature for random planar model with frustration 1-16449
- Longa, L., Konior, J. Exact results for some 2D-ising models with periodically distributed impurities 1-52783
- Longacre, R.S. *see* Dankowicz, J.A. 1-50460
- Longair, M.S. The large scale distribution of radio sources 1-9703
- Longair, M.S. *see* Barr, P. 1-13855
- Longair, M.S. *see* Gunn, J.E. 1-36426
- Longair, M.S. *see* Peacock, J.A. 1-44656
- Longair, M.S. *see* Wall, J.V. 1-27628

- Longair, M.S., Einasto, J. (editor) Large Scale Structure of the Universe. IAU Symposium No.79 1-5032
- Longe, P. see Bose, S.M. 1-43246
- Longenecker, C.L., Willems, V.H., Kelly, D.K. Modern nuclear generating plant controls—an integrated approach 1-28620
- Longenecker, J.R. CDS role in the US LMFB program 1-14581
- Longeri, M. see Chidichimo, G. 1-19114
- Longeri, M. see Emsley, J.W. 1-45991
- Longhetto, A. see Bonino, G. 1-32508, 1-48933, 1-54193
- Longhetto, A. see Borgese, D. 1-35735
- Longhetto, A. see Briatore, L. 1-32507
- Longhitano, A.C. Heavy Higgs bosons in the Weinberg-Salam model 1-481
- Longhurst, G.R. see Hsu, P.Y. 1-41240
- Longini, R.L. see Donahoe, T.M. 1-13345
- Longman, G.W. see Ballard, D.G.H. 1-42326
- Longman, I.M. The calculation of Ricker seismic wavelet functions 1-9095
- Longmore, A.J., Tritton, S.B. A second list of new planetary nebulae found on United Kingdom 1.2-m Schmidt telescope plates 1-13703
- Longmore, A.R. see Smith, J.D. 1-4221
- Longo, E. see Diddens, A.N. 1-14747, 1-23998
- Longo, E. see Jonker, M. 1-10194, 1-14432, 1-45258
- Longo, F.W. see Rivin, B.D. 1-49174
- Longo, J.M. see Glausinger, W.S. 1-38925
- Longo, M.J. see Abrams, G.S. 1-10242, 1-50450
- Longo, R. see DiAngelo, D.W. 1-39237
- Longo, V., Ricciardiello, F., Sbaizero, O. Alkaline earth cerates: preparation, technical characteristics and electrical properties 1-16748
- Longoni, A. see Docchio, F. 1-348
- Longpei Shi see Shi Longpei
- Longstaffe, F.J., McNutt, R.H., Schwarz, H.P. Geochemistry of Archean meta-igneous rocks, Lake Despair area, Wabigoon Subprovince, northwestern Ontario 1-35952
- Longuemard, J.P., Duboul-Razavet, C. Influence of the granular character of marine sediments on the reflection coefficient between the sea and sediment 1-46615
- Longuemard, J.-P., Villalongue, P. Effect of the ultrasonic frequency on the acoustic scattering from polymetallic nodules deposit on a massive sediment layer 1-54065
- Longuemard, J.-P. see Villalongue, P. 1-4487
- Longumare, C. see Bebek, C. 1-33191
- Longumare, C. see Chadwick, K. 1-33192
- Longworth, G. see Principi, G. 1-12435
- Lonin, Yu.F. see Zikov, V.G. 1-25017
- Lonkhuyzen, H. van see van Lonkhuyzen, H.
- Loon, B. see Holmild, L. 1-50172
- Longren, K.E., Johnson, S.F. On a coupled set of nonlinear diffusion equations 1-14080
- Longren, K.E. see Chung Chan 1-34102
- Lonroth, M. see Johansson, T.B. 1-39709
- Lonroth, T. see Fant, B. 1-50484
- Lonsdale, C.J., Morison, I. Rotationally symmetric structure in two extragalactic radio sources 1-17902
- Lonsdale, C.J. see Millis, R.L. 1-54408
- Lonsdale, D., Flewitt, P.E.J. The effect of hydrostatic pressure on the creep life of a 2 1/2% Cr 1% Mo steel 1-16859
- Lonsdale, D., Flewitt, P.E.J. The effect of hydrostatic pressure on the uniaxial creep life of a 2 1/2% Cr 1% Mo steel 1-31552
- Lonsdale, P. see Shor, A. 1-4502
- Lontai, L.M. see Young, N.E. 1-6028, 1-6030
- Lo, B.H. see Furtak, T.E. 1-35049
- Lo, F.J.J. Van see Van Lo, F.J.J.
- Lo, R.Y. see Knecht, R.C. 1-39793
- Lo, R.Y. see Li, S.S. 1-48855
- Looff, F. see Piszczalski, M. 1-37729
- Look, D.C., Farmer, J.W. Automated, high resistivity Hall effect and photoelectronic apparatus 1-50169
- Loomer, E.I. The effect of changes in the interplanetary magnetic field on the reduction of magnetic data from the polar cap 1-17558
- Loomer, E.I. Annual report for magnetic observations—1978 1-32520
- Loomis, B.A., Gerber, S.B. Similar dependence on dilute O concentration of void formation in unirradiated Nb and some properties of unirradiated Nb 1-52184
- Loomis, J.M. Transient tritronopia: failure of time-intensity reciprocity in adaptation to long-wave light 1-8867
- Loomis, J.S. Computer-generated holography and optical testing 1-6518
- Loomis, J.S. Computer-generated holography and optical testing 1-15120
- Loomis, J.S. see Hayes, J. 1-37576
- Loomis, W.A. see Bebek, C. 1-33191
- Loomis, W.A. see Chadwick, K. 1-33192
- Loon, H. Van see Van Loon, H.
- Loon, R. Van see Van Loon, R.
- Loong, C.-K. see Stassis, C. 1-38481, 1-52244
- Loopstra, B.O. see Hottentot, D. 1-34301
- Loore, C. de see de Loore, C.
- Loorits, V. Fermi resonance in optical spectra. E-r problem 1-26154
- Loos, G. Conversion between radiometric and photometric quantities for photodetectors 1-5356
- Loos-Vollebregt, M.T.C. de see de Loos-Vollebregt, M.T.C.
- Loose, E. An electronic exposure timer 1-40884
- Loose, E. see Wendt, G. 1-27309
- Loosemore, G.R., Peapell, P.N., Topp, K. The use of acoustic emission during bend testing to assess the quality of steel to aluminium explosive weldments 1-31775
- Loosemore, G.R., Peapell, P.N., Walkley, E.C., Cox, J.R. The effect of explosive loading on the hardness of a weldable aluminium-zinc-magnesium alloy 1-53278
- Lopani, V.R. Electronic wattmeter for coaxial channels 1-23258
- Lopani, V.R. see Zaugol'nikov, R.G. 1-23259
- Lopatin, A.A. see Grigolyuk, E.I. 1-11346
- Loparev, A.G. see Spivak, M.M. 1-23249
- Loparo, K.A. see Haines, Y.Y. 1-17633
- Lopashev, D.Z. Noise-measuring technology and accurate acoustical measurements 1-24628
- Lopasov, V.P. see Antipov, A.B. 1-24161
- Lopasova, T.A. see Danichkin, S.A. 1-15252
- Lopata, M., Pearle, J.L. Diaphragmatic EMG and occlusion pressure response to elastic loading during CO₂ rebreathing in humans 1-22038
- Lopata, V.J. see Fung, P.C. 1-28637
- Lopatina, T.A. see Grin, V.P. 1-22248
- Lopatko, A.D. see Cherkasov, Yu.A. 1-40885
- Lopatnikov, S.L. Acoustic phase echo in a liquid with gas bubbles 1-41903
- Loper, C.R. see Liu Bai-chen 1-48617
- Loper, C.R., Jr. see Liu, P.C. 1-21440
- Loper, D.E., Roberts, P.H. On the motion of an iron-alloy core containing a slurry. II. A simple model 1-54029
- Loper, D.E. see Fearn, D.R. 1-44149
- Lopes, J. Leite see Leite Lopes, J.
- Lopes, J.S., Krien, K., Soares, J.C., Gil, F.B. Proton-induced K-shell hole production on Ar and Kr 1-24234
- Lopes, M.H. see Tostevin, J.A. 1-28427
- Lopes Da Silva, F.H. see Arnolds, D.E.A.T. 1-49138
- Lopez, A. see Simonin, J.M. 1-16415
- Lopez, B., Tenorio, D., Bulbulian, S., Adloff, J.P. Chemical effects of the ⁸²Se(n,γ)⁸³Se-β⁻⁸³Br processes in solid magnesium selenate 1-21753
- Lopez, C. see Gonzalez-Arroyo, A. 1-10143, 1-23478
- Lopez, C.A., Perez, M.A. Extension of a surface-time formalism in relativistic quantum mechanics 1-45111
- Lopez, C. Sanchez see Sanchez Lopez, C.
- Lopez, F. see Bromberg, C. 1-10266, 1-45364
- Lopez, F.J., Jaque, F., Agullo-Lopez, F., Aguilar, M. Recombination luminescence process in NaCl 1-39164
- Lopez, F.J., Murrieta S., H., Hernandez A., J., Rubio O., J. Optical absorption and luminescence investigations of the precipitated phases of Eu²⁺ in NaCl and KCl single crystals 1-39130
- Lopez, F.J. see Hernandez A., J. 1-39125
- Lopez, G. see Buitrago, J. 1-54418
- Lopez, J., Allan, G. Elastic interaction between atoms chemisorbed at a transition metal surface: Application to the chemisorption of oxygen on nickel 1-52432
- Lopez, J.R. see Abu-Zeid, M.E. 1-10742
- Lopez, K. see Pena, J.L. 1-20253
- Lopez, Echarri, A., Tello, M.J., Gili, P. Specific heat behaviour of K₂SeO₄ in the 48K-800K temperature range a new phase transition 1-38553
- Lopez Fonseca, J.M., Sanz Pedrero, P., Gonzalez Posca, C. Catalytic polarographic pre-waves of Co(II) in presence of thiopyrimidines 1-48733
- Lopez Garcia, A. see Baumvol, I.J.R. 1-31077
- Lopez Sancho, J.M. see Lopez Sancho, M.P. 1-21763
- Lopez Sancho, M.P., Lopez Sancho, J.M. ESD study of the interaction of oxygen with tungsten containing carbon 1-21763
- Lopez-Avila, V., Hites, R.A. Organic compounds in an industrial wastewater. Their transport into sediments 1-53712
- Lopez-Bote, M.A., Montero, S. Raman intensities, vibrational eigenvectors, electro-optical parameters and force constants of SO₄²⁻, ClO₄⁻, PO₄³⁻, CO₃²⁻ and NO₃⁻ anions in polycrystalline samples 1-35031
- Lopez-Cacicedo, C.L. Application possibilities for heat pumps in the higher temperature range 1-35688
- Lopez-Cruz, E. UV-induced double injection in α-sulphur single crystals 1-12148
- Lopez-Cruz, E., Herrera, J.L. Dark decay of positive surface potential in orthorhombic sulfur 1-52629
- Lopez-Cruz, E., Sanchez-Sinencio, F., Rose, A., Helman, J.S. Photoinjection of holes and electrons into sulfur single crystals 1-12145
- Lopez-Echarri, A., Tello, M.J. Calorimetric study of the ferroelectric trisarcosine calcium chloride in the range 50-330K 1-31101
- Lopez-Garcia, A. see Pasquevich, A.F. 1-47986
- Lopez-Rios, T. see Abeles, F. 1-34810
- Lopez-Rivera, S.A. see Hughes, O.H. 1-2412
- Loponen, M.T. Experiments with superfluid ³He and nuclear spins of copper at very low temperatures 1-2757
- Loponen, M.T. see Kjalmdan, L.H. 1-52788
- Lopushanskii, V.A. see Maksimovich, G.G. 1-35436
- Lopuszanski, J.T. On nonlocal charges in quantum field theory 1-28208
- Lopysov, Yu.S. see Zatsenpin, G.T. 1-27459
- Lord, A.E., Jr. see Anderson, P.M., III 1-2337
- Lord, A.E., Jr. see Steinberg, J. 1-4030, 1-30428
- Lord, A.E., Jr. see Tyagi, S. 1-16069
- Lord, D.C. see Solomon, H.D. 1-31496
- Lord, P. The challenge of acoustics 1-49910
- Lord, R.C. see Chen, M.C. 1-21985
- Lord, W. see Palanisamy, R. 1-8497, 1-43626
- Lordi, J.A., Homicz, G.F. Linearized analysis of the three-dimensional compressible flow through a rotating annular blade row 1-51796
- Lords, J.L. see D'Andrea, J.A. 1-4326
- Loredo, J., Pye, L.D., Loretz, T.J. Faraday rotation in lanthanum borate glasses 1-3373
- Loren, R.B. The densities of the molecular clouds associated with Herbig Be/Ae and other young stars 1-40541
- Loren, R.B., Wootten, A. Interstellar HCO⁺ self-reversals 1-44603
- Loren, R.B., Wootten, A., Sandqvist, A., Bernes, C. 2 centimeter H₂O emission in the ρ Ophiuchi cloud 1-22867
- Loren, R.B. see Wootten, A. 1-9602
- Lorents, D.C. see Tang, K.Y. 1-39590
- Lorenz, A. see Schmidt, J.J. 1-737
- Lorenz, B. Charge order in the spinless fermion model 1-7293
- Lorenz, B. see Ihle, D. 1-12033
- Lorenz, D. Scalar field generalizations of electromagnetic Bianchi models of types II, VIII and IX 1-5200
- Lorenz, D. Exact Bianchi-type-VIII and type-IX cosmological models with matter and electromagnetic fields 1-13895
- Lorenz, D. Electromagnetic Bianchi cosmologies 1-36441
- Lorenz, E. see Bock, P. 1-10234
- Lorenz, E. see Chabaud, V. 1-50468
- Lorenz, E. see Chabaud, V. 1-10392
- Lorenz, E. see Daum, C. 1-14424, 1-28357
- Lorenz, E. see Gorlich, L. 1-5656
- Lorenz, E. see Sacharidis, E.J. 1-50469
- Lorenz, E.N. Attractor sets and quasi-geostrophic equilibrium 1-49334
- Lorenz, J., Feustel, J., Kraft, M. New developments for future solar power plants 1-17169
- Lorenz, P. see Finster, J. 1-21823
- Lorenz, R. see Zierni, J. 1-17503
- Lorenz, R.A., Collins, J.L., Osborne, M.F., Malinauskas, A.P. Fission product release from high gap-inventory LWR fuel under LOCA conditions 1-5935
- Lorenz, W.J. see Ostertag, H. 1-4357, 1-8975
- Lorenz, W.J. see Schweickert, H. 1-8576
- Lorenz-Wirzbach, H. see Kettner, K.U. 1-18705
- Lorenzelli, N. see Dunlop, A. 1-2523
- Lorenzelli, R., Touzelin, B. On the system VO₂-CeO₂: crystallographic study at high temperature 1-26428
- Lorenzetti, D., Saraceno, P. Versatile optics for IR BLIP detectors 1-37578
- Lorenzi, R. see Badier, J. 1-10582
- Lorenzi, R. see Hammarstrom, R. 1-14739
- Lorenzini, E., Dalle Donne, B. Nuclear energy and coal: a comparison between two energy sources alternative to oil 1-31974
- Lorenzini, E., Spiga, M. Heat conduction in fast transient state and application to nuclear fuel elements 1-1799
- Lorenzini, E., Spiga, M. Effect of a coolant temperature jump on a clad fuel rod 1-45578
- Lorenzini, E. see Carpinieri, A. 1-18723
- Lorenzini, E. see Spiga, M. 1-14574
- Lorenzo, E. see Luque, A. 1-8727
- Lorenzo, J.P. see Comer, J.J. 1-11751
- Lorenzo, J.P. see Davies, D.E. 1-7187
- Lorenzo, J.P. see Eirug Davies, D. 1-15928
- Lorenzo, J.S. see Glad, D.S. 1-36737
- Loret, M. see Saudraix, J. 1-5666
- Loretto, M.H. see Hutchings, R. 1-31744
- Loretto, M.H. see Long, N.J. 1-35281
- Loretz, T.J. see Loredo, J. 1-3373
- Loria, E.A. Fabrication of stainless steel foil utilizing chromized steel strip 1-21384
- Lorient, M., Von der Muhll, R., Ravez, J., Tressaud, A. Phase transition study of (NH₄)₂FeF₆ using dielectric and thermocurrent measurements 1-21147
- Loriers, J. see Bocquillon, G. 1-25240
- Loriers, J. see Chateau, C. 1-30126
- Loriers, J. see Epain, R. 1-28004
- Loriers, J. see Leger, J.M. 1-26740, 1-34731, 1-35201
- Loriers-Susse, C. Methods of measuring specific heat of solids at high pressure 1-18218
- Loriers-Susse, C. Methods of measuring specific heat of solids at high pressure. (A review) 1-27973
- Loriers-Susse, C. see Epain, R. 1-28004

- Lorikyan, M.P. see Astabatyian, R.A. 1-51040
- Loria, J.C. see Slodzian, G. 1-26347
- Lorin, J.-C. see Slodzian, G. 1-39201
- Lorincz, A. Correct results via thermally stimulated current measurements in bulk materials 1-7627
- Loring, D.H. see Campbell, J.A. 1-35999
- Loring, R. see Dubin, S. 1-13346
- Loring, S.H. see Slutsky, A.S. 1-26933
- Loring, S.H. see Webster, P.M. 1-17423
- Lorino, A.M. see Lorino, H. 1-13332
- Lorino, H., Harf, A., Atlan, G., Brault, Y., Lorino, A.M., Laurent, D. Computer determination of thoracic gas volume using plethysmographic 'thoracic flow' 1-13332
- Lormand, G., Robin, M., Gobin, P.-F. Kinophotometric study of a martensitic transformation 1-35256
- Lorquet, A.J., Lorquet, J.C., Forst, W. Non-adiabatic unimolecular dissociation of polyatomic molecules. II. The thermal dissociation of nitrous oxide 1-12973
- Lorquet, A.J., Lorquet, J.C., Forst, W. Non-adiabatic unimolecular dissociation of polyatomic molecules. III. The decomposition of dioxetane 1-12974
- Lorquet, A.J., Lorquet, J.C., Forst, W. Non-adiabatic unimolecular dissociation of polyatomic molecules. I. General theory 1-13021
- Lorquet, J.C., Dehareng, D., Sannen, C., Raseev, G. Potential energy surfaces and dissociation mechanisms of molecular ions 1-19148
- Lorquet, J.C. see Lorquet, A.J. 1-12973, 1-12974, 1-13021
- Lorrain, S. see Portal, G. 1-3507
- Lorre, J.J. see Jepsen, P.L. 1-36193
- Lorstad, B. see Cockerill, D. 1-14742
- Lortet, M.C., Niemela, V.S., Tarsia, R. An anonymous ring nebula around a WC 6 star in Carina 1-13776
- Lortz, D., Lotz, W., Nuhrenberg, J. Three-dimensional analytical force-free MHD equilibria 1-51880
- Lory, J. see Adamovich, M.I. 1-45317
- Lory, J. see Fiorino, A. 1-50583
- Loryan, V.E. see Shul'ga, Yu.M. 1-16722
- Los, J. see Flamme, J.P. 1-10790
- Los, J. see Kleyn, A.W. 1-14994, 1-14995
- Los, J. see Wahby, A.S.M. 1-51896, 1-51897, 1-51898
- Los, J.M., Out, D.J.P., Letzer, W.M. Flow viscometer for solutions that make a glass wall water repellent 1-51886
- Los', M.G. see Gorkova, S.N. 1-25250
- Losche, A. Some remarks concerning the development of NMR spectroscopy 1-40830
- Losche, A. see Schmiedel, H. 1-20054
- Loschke, K., Neumann, H., Tomlinson, R.D., Horig, W., Elliott, E., Avgerinos, N., Howarth, L. Optical constants of CuInSe_2 and CuInTe_2 1-8031
- Loser, E., Friedrich, I. A contribution to the theory of heat and mass transfer and its application to drying processes 1-24811
- Loefer, E.S. Hydrodynamics theory of erythrocyte sedimentation 1-49048
- Loser, E.I. see Fedorova, V.A. 1-12895
- Losera, G.V. see Petrakovskii, G.A. 1-34630
- Losera, M.V., Ostrovskii, B.I., Rabinovich, A.Z., Sonin, A.S., Chernova, N.I. Variation of the spontaneous polarization in homologous series of chiral smectic liquid crystals 1-3324
- Losera, M.V. see Rabinovich, A.Z. 1-34992
- Looney, D.C., Brown, F.B., Lee, J.C., Martin, W.R. Equilibrium core analysis of low enrichment research reactor fuel 1-50730
- Loshak, V.P. see Aleksandrov, V.K. 1-18292
- Loshchinin, Yu.V., Vertogradskii, V.A., Kovalev, A.I., Frokina, I.V. Specific heats of commercial titanium alloys at 50-1100°C 1-52308
- Loshchek, D.D., Orr, J.S., Solomonidis, E. Interaction of hyperthermia and radiation: radiation quality 1-32190
- Loshkarev, V.N. see Samoilovich, Yu.A. 1-3800
- Loshkareva, N.E. see Samokhvalov, A.A. 1-21209
- Loshkareva, N.S. see Narva, V.K. 1-39533
- Loshkova, L.I. see Sedov, V.M. 1-28597
- Loshkov, V.F., Byakova, A.V., Sapon, V.I. Application of titanium carbide coatings on iron and steels 1-8482
- Loshkov, V.S. see Gorkhov, B.N. 1-53358
- Loshkov, V.S. see Prokoshkin, D.A. 1-35481, 1-53359
- Loshkov, V.V. see Bakulin, Yu.D. 1-19918
- Loshkov, Yu.M., Skobelev, V.V. The Compton effect in the two-dimensional approximation of quantum electrodynamics 1-28247
- Loss, E.J. see Bushnell, D. 1-41982
- Loss, F.J. see Cullen, W.H. 1-43478
- Losty, M. see Mazzucato, M. 1-50462
- Losty, M.J. see Aguilar-Benitez, M. 1-5646, 1-23517
- Losty, M.J. see Loverre, P.F. 1-18511, 1-18512
- Lotgering, F.K., Vromans, P.H.G.M., Huyberts, M.A.H. Permanent-magnet material obtained by sintering the hexagonal ferrite $\text{W-BaFe}_{10}\text{O}_{27}$ 1-38953
- Loth, D., Menguy, C., Teyssou, M., Toupet, M., Bugeat, M. Study of the diffuse cortical evoked auditory responses in monkeys exposed to very brief and intense sounds 1-32130
- Loth, D. see Bugeat, M. 1-49014
- Lotoshnikov, B.E. see Zhuravlev, Yu.A. 1-15364
- Lototskiy, V.B. see Luchitskiy, R.M. 1-21214
- Lotova, N.A., Chashei, I.V. Progress in radioastronomic investigations of the solar-wind velocity 1-4845
- Lotova, N.A., Chashei, I.V. Temporal spectra of scintillations with allowance for the jet structure of the solar wind 1-13655
- Lotova, N.A. see Yefimov, A.I. 1-4733
- Lotsans, V. see Zhugzhda, Y.D. 1-49600
- Lott, A.S. see Engle, E. 1-5033
- Lott, D.R. see Beauchamp, W.T. 1-43775
- Lottes, G. see Euler, K.-J. 1-48911
- Lottin, J.C. see Francois, M.X. 1-44936
- Lottner, V. see Schrober, H.R. 1-20340
- Lotts, A.L. Radioactive waste management centers—an approach 1-45647
- Lotz, U., Pitt, E., Scharmann, A. Dosimetry of high fast neutron fluxes 1-938
- Lotz, U., Pitt, E., Scharmann, A. Dosimetry of high fast neutron fluxes 1-6048
- Lotz, W. see Lortz, D. 1-51880
- Lotze, W., Hegt, D., Weise, H. Application of microcomputers in coordinate measuring devices 1-23177
- Lotze, W. see Neske, E. 1-31822
- Lou, D.Y.S., Harrison, A.J. Some aspects of energy storage systems using Glauber salt mixtures 1-17310
- Lou Nanquan see Li Xuechu 1-8571
- Louat, A. see Gaume, F. 1-25195
- Louat, N. Hardening by random substitutional solutes 1-21562
- Loubet, G. Inverse filtering—application to multipath regrouping in submarine acoustic propagation 1-29444
- Loubeyre, P., Hansen, J.P. Isotopic effect on the high pressure melting curves of helium and hydrogen 1-20504
- Louchet, F. Thermally activated dislocation sources in silicon 1-11753
- Louchet, F., Kubin, L.P. Dislocation processes in BCC metals 1-2448
- Louchet, F., Kubin, L.P. Softening of iron by carbon and Jerky motion of screw dislocations during in situ experiments 1-30235
- Louchet, F. see Fnaiech, M. 1-38370
- Louchet, F. see Sherry, W.M. 1-11761
- Louden, K.E. The crustal and lithospheric thicknesses of the Philippine Sea as compared to the Pacific 1-13427
- Louden, K.E. A comparison of the isostatic response of bathymetric features in the north Pacific Ocean and Philippine Sea 1-32425
- Louedec, C. see Barlaoutat, R. 1-36885
- Louer, D. Successive dichotomy method for indexing powder patterns 1-29990
- Lougheed, R.W. see Nitschke, J.M. 1-36971
- Loughane, R.J. see Scrimshire, D.A. 1-35791
- Louis, S.G. New localized-orbital method for calculating the electronic structure of molecules and solids: covalent semiconductors 1-7505
- Louis, E., Cordovilla, C.G. Resistivity of aluminum binary alloys in annealed condition 1-30718
- Louis, E., Flores, F. Metal-semiconductor junctions: clean and etched interfaces 1-7737
- Louis, E., Mora, R., Pastor, J. Nature of star-shaped clusters of FeAl_3 in aluminium-iron alloys 1-31502
- Louis, E., Verges, J.A. Vacancy at the $\text{Si}(111)$ unreconstructed surface: electron states and absence of the Jahn-Teller distortion 1-7560
- Louis, P. The Hecates operational programme 1-32592
- Louis, W. see Efremenko, V.I. 1-33173
- Louis, W.C. see Berge, J.P. 1-540
- Louise, R. Monochromatic observations of NGC 6720 in [O III] lines 1-44612
- Louisell, W.H., Cantrell, C.D., Wegener, W.A. Single-particle approach to free-electron lasers with tapered wigglers 1-10970
- Louisell, W.H., Meystre, P. Semiclassical theory of two-photon induced Raman scattering 1-51550
- Louisell, W.H. see Cantrell, C.D. 1-51427
- Louk, P. see Aarik, Y. 1-24422, 1-25800
- Loulergue, J.C., Pomeau, Y., Levy, Y. Far infrared image converter using free thin oil films as recording media 1-1719
- Loup, J.-P. see Rifflet, J.-Cl. 1-3562
- Loupais, G., Petiau, J., Issolah, A., Schneider, M. X-ray Compton scattering study of electronic distribution in beryllium 1-26300
- Loupais, G. see Badiali, J.P. 1-31231
- Lourens, W. see de Bruijn, D. 1-24002
- Loutfy, R., Cheng-Kuo Hsiao Surface dye sensitization of an organic photoconductor: photosensitization of phthalocyanine in Schottky barrier cells 1-12144
- Loutfy, R.O., Cheng, Y.C. Investigation of energy levels due to transition metal impurities in metal-free phthalocyanine 1-7555
- Loutfy, R.O. see Cheng, Y.C. 1-7656
- Louthan, M.R., Jr. see Brooks, J.A. 1-43494
- Louthan, M.R., Jr. see Murali, J. 1-16873
- Louthan, M.R., Jr. see Sisson, R.D., Jr. 1-26570
- Louton, M. see Claussen, C.-P. 1-27046
- Louvent, B.F. de Saint see de Saint Louvent, B.F.
- Louwen, J.N. see Van Dam, H. 1-6316
- Louwrier, P.W.F. see Korsse, J. 1-52977
- Lovas, A. see Peto, G. 1-48242
- Lovas, A. see Schaafsma, A.S. 1-31074
- Lovas, F.J. see Hollis, J.M. 1-32732, 1-44607
- Lovas, M., Kowal, C. Comet Lovas (1980s) 1-2722
- Lovas, R. Charge-exchanging interaction of nucleon and nucleus 1-23653
- Lovas, R.G. see Pal, K.F. 1-14444
- Lovash, M. see Mnatsakanyan, R.G. 1-9542
- Lovberg, R.H. see Phung Le-Com 1-33735
- Lovborg, L., Nyegaard, P., Christiansen, E.M., Nielsen, B.L. Borehole logging for uranium by gamma-ray spectrometry 1-9124
- Lovchikova, G.N., Trufanov, A.M., Sal'nikov, O.A., Kotelnikova, G.V., Simakov, S.P. Study of the (p,n) reaction on ^{113}Cd at proton energies below 10 MeV 1-41116
- Lovchikova, G.N. see Simakov, S.P. 1-971
- Love, M.D. Subgrid modelling studies with Burgers' equation 1-1921
- Love, P. see Abilock, H. 1-39719
- Love, P.E., Sassin, W. Energy for Europe beyond 2000 1-35619
- Love, S.T. Thermodynamics of the Schwinger model 1-45135
- Love, T.A. see Dickens, J.K. 1-10345
- Love, W. see Chung, S.U. 1-14423, 1-45362
- Love, W.F. Bandwidth spectral characterization of $\text{GeO}_2\text{-P}_2\text{O}_5\text{-SiO}_2$ multi-mode optical waveguides 1-11137
- Love, W.G. see Bacher, A.D. 1-23542
- Love, W.G. see Kelly, J. 1-28388
- Love, W.G. see Petrovich, F. 1-5729
- Love, W.G. see Scott, A. 1-5768
- Loveday, M.S., Dyson, B.F. Creep deformation and cavitation damage in Nimonic 80A under a triaxial tensile stress 1-39395
- Lovegrove, W.J., Bowling, A., Badcock, D., Blackwood, M. Specific reading disability: differences in contrast sensitivity as a function of spatial frequency 1-53793
- Lovejoy, R.W. see Larkin, R.J. 1-19093
- Lovelace, J. Polarization effects in shear wave testing 1-35465
- Lovelace, R.V. Astron disc equilibria 1-19942
- Loveland, W., Morrissey, D.J., Aleklett, K., Seaborg, G.T., Kaufman, S.B., Steinberg, E.P., Wilkins, B.D., Cumming, J.B., Hastein, P.E., Hseuh, H.C. Target residue recoil properties in the interaction of 8.0 GeV ^{20}Ne with ^{181}Ta 1-41090
- Loveland, W. see Aleklett, K. 1-45527
- Lovell, B.J. see Sparrow, E.M. 1-24786
- Lovell, D.J. The legacy of Fourier 1-5064
- Lovell, E.G. see Hejazi, M.S. 1-901
- Lovell, E.G. see Ray, H. 1-19632
- Lovell, J.R. see Wenzel, D.R. 1-33355
- Lovell, M.W. see Schulman, S.G. 1-8542
- Lovell, R., Mitchell, G.R. Molecular orientation distribution derived from an arbitrary reflection 1-34185
- Lovell, R., Mitchell, G.R., Windle, A.H. Wide-angle X-ray scattering study of structural parameters in non-crystalline polymers 1-30094
- Lovell, R. see Mitchell, G.R. 1-42260
- Lovelock, J. see Allaby, M. 1-32505
- Loveluck, J.M., Schneider, T., Stoll, E., Jausin, H.R. Soliton features in easy-plane ferromagnets? 1-7796
- Lovering, D.G. see Turner, A.K. 1-53362
- Loverre, P.F., Armenteros, R., Dionisi, C., Gavillet, Ph., Losty, M.J., Mazzucato, M., Dobrzynski, L., Pennino, D., Aguilar-Benitez, M., Albajar, M.C., Ferrando, A., Fraguas, A.L., Rubio, J.A., Rodeback, S., Sjogren, I., Holmgren, S.O. Study of the K^0K_s^0 system produced in the reaction $\pi^-p \rightarrow \text{K}_s^0 \text{K}_s^0 n$ at 3.95 GeV/c 1-18511
- Loverre, P.F., Armenteros, R., Dionisi, C., Gavillet, Ph., Losty, M.J., Mazzucato, M., Pennino, D., Dobrzynski, L., Pennington, M.R., Aguilar-Benitez, M., Albajar, M.C., Ferrando, A., Rubio, J.A., Salicio, J., Sjogren, I., Rodeback, S., Holmgren, S.O. Study of the reactions $\pi^-p \rightarrow \text{K}^0 \Lambda$ and $\pi^-p \rightarrow \text{K}^0 \Sigma^0$ at 3.95 GeV/c 1-18512
- Loverre, P.F. see Aguilar-Benitez, M. 1-5646, 1-23517
- Loverre, P.F. see Mazzucato, M. 1-50462
- Lovesey, S.W. Spontaneous symmetry breaking in annealed and quenched gauge field models 1-33111
- Lovetskii, E.E., Maslennikov, A.M., Fetisov, V.S. Dissipation of the energy of an explosion in a porous elastoplastic medium 1-41952
- Lovetskii, E.E. see Artyushov, S.G. 1-46780
- Lovett, A., Rapaport, M.S. Multiple nuclear ADC controller 1-23990
- Lovett, J.E. Verification of near-real-time materials accountability data 1-14604

- Lovett, R.J., Parsons, M.L. Atomic spectral overlaps: a mathematical model and its use for studying line shape parameters 1-53518
 Lovey, F.C., Chandrasekaran, M., Ahlers, M. Diffraction effects in β -Cu-Zn-Al. II. Analysis of surface martensite particles 1-38389
 Lovhoiden, G. see Jin Gen-Ming 1-41029
 Lovhoiden, G. see Rekstad, J. 1-10295
 Lovie, J.E. see Bailey, I.J. 1-8846
 Lovisek, J. see Hlavacek, L. 1-37790
 Lovitch, L. see Cattapan, G. 1-5705, 1-18069
 Lovkova, I.M. see Berlin, A.B. 1-17898
 Lovstedt, B. see Calvetti, M. 1-14778
 Lovsund, P., Oberg, P.A., Nilsson, S.E.G. Magneto- and electrophosphores: a comparative study 1-13232
 Lovtsyus, A.V. see Geidel'man, A.M. 1-672
 Lovuola, V.J. Preventing noise in grounded thermocouple measurements 1-260
 Lory, J., Stokr, J., Doskociova, D., Puffr, R., Dybal, J., Schneider, B. NMR and Raman spectroscopic study of complex formation between 2-methyl-2-azabicyclo[2.2.2]octa-3-one and TiCl_4 1-10738
 Low, B.C. On the resistive diffusion of force-free magnetic fields 1-2168
 Low, B.C. see Lerche, I. 1-4753, 1-4848, 1-32676, 1-49490, 1-49491
 Low, F.J. see Nishimura, T. 1-4952
 Low, G.C. A simple computer method for predicting the transient response of ultrasonic NDT probes 1-26699
 Low, M.J.D., Parodi, G.A. An infrared photoacoustic spectrometer 1-40880
 Low, M.J.D., Parodi, G.A. A photoacoustic cell for use with solids 1-50228
 Low, N.L.P. Formation and properties of glass-mica composite materials 1-48313
 Low, N.M.P. The effects of temperature, pressure and water on the preparation of glass-mica composite material 1-12715
 Low, W. see DeWitt, R. 1-908
 Lowde, R.D., Harley, R.T., Saunders, G.A., Sato, M., Scherm, R., Underhill, C. On the martensitic transformation in FCC manganese alloys. I. Measurements 1-30378
 Lowde, R.D. see Sato, M. 1-30379
 Lowdermilk, W.H. Technology of bandwidth-limited ultrasonic pulse generation 1-11032
 Lowdermilk, W.H., Milam, D. Graded-index surfaces to limit reflection 1-41801
 Lowdermilk, W.H., Milam, D., Rainer, F. Optical coatings for laser fusion applications 1-19405
 Lowdermilk, W.H., Milam, D., Rainer, F. Damage to coatings and surfaces by 1.06 μm pulses 1-37529
 Lowdermilk, W.H. see Carniglia, C.K. 1-37528
 Lowdermilk, W.H. see Temple, P.A. 1-29315
 Lowe, D. Recommendations for the efficient use of LiF thermoluminescent dosimeters in mixed neutron gamma fields 1-23956
 Lowe, D. Tritium production in LiF thermoluminescent dosimeters 1-37019
 Lowe, D.C., Schmidt, U., Ehhlalt, D.H. A new technique for measuring tropospheric formaldehyde $[\text{CH}_2\text{O}]$ 1-17655
 Lowe, D.R. Archean sedimentation 1-13457
 Lowe, H. see Breitsamer, B. 1-21607
 Lowe, I.J. see Karlicek, R.F., Jr. 1-3281
 Lowe, M.D. A low argon flow inductively coupled plasma torch utilizing a flame-atomic absorption spectrometry nebulizer 1-45024
 Lowe, M.J., Wallace, D.J. Instantons and the Ising model below T_c 1-187
 Lowe, R. Expected electricity costs for the US Mod 2 windmill 1-53536
 Lowe, R.M. see Hannaford, P. 1-28917
 Lowe, R.S. Laser magnetic resonance observation of the SD radical at 5.3 μm 1-24149
 Lowe, V.E., Henin, N., Tu, C.-W., Tavakolian, H., Sites, J.R. Hydrogenated amorphous silicon deposited by ion-beam sputtering 1-43261
 Lowe-Ma, C., Williams, R., Samson, S. Structural studies of (tetrahydrotriacene)₂(iodide)₂ at room temperature and low temperatures 1-47069
 Lowell, C.E. see Barrett, C.A. 1-48569
 Lowell, J., Rose-Innes, A.C. Contact electrification 1-20853
 Lowell, S., Shields, J.E. Influence of contact angle on hysteresis in mercury porosimetry 1-47330
 Lowenstein, J.H. see Andrei, N. 1-38908
 Lowenthal, D.D. see Hoffman, A.L. 1-11582
 Lowenthal, D.D. see Moe, M.K. 1-14499
 Lowke, J.J. see Marty, S.M. 1-35665
 Lowman, P.D., Jr. Vertical displacement on the Elnor fault of southern California: evidence from orbital photographs 1-27121
 Lowndes, J. The numerical simulation of the steady movement of a fluid meniscus in a capillary tube 1-34549
 Lowney, J.R., Larrabee, R.D. The use of Fick's law in modeling diffusion processes 1-7365
 Lowrey, W.H. see Coleman, R.V. 1-34688
 Lowrie, G. see Tello, R. 1-22167
 Lowry, M.M. see Bennett, C.L. 1-17746
 Lowry, S.R. see Mauritz, K.A. 1-38249
 Lowther, J.E. Jahn-Teller interactions at C^{2+} in GaAs 1-42728
 Lowther, J.E. Theory of structural disorder in liquid metal alloys 1-46987
 Lowther, J.E. see Mircea-Roussel, A. 1-12580
 Lowy, D.N. see Kreuzer, H.J. 1-3041
 Lowy, D.N. see Kreuzer, H.J. 1-43698
 Loxton, C.M., Macdonald, R.J., Taglaure, E. A comparison of measurements of the energy of atoms sputtered in excited states 1-39208
 Loy, M.M.T. see Chi, C.C. 1-38895
 Loyalka, S.K. see Chandola, V.K. 1-50822
 Loyalka, S.K. see Chang, Y.Y. 1-10414, 1-45583
 Loyalka, S.K. see Jones, G.L. 1-38058
 Loyd, M.L. Crosswind kite power 1-13074
 Lozanne, A. de see Lozanne, A.
 Lozano, C., Liu, P.L.-F. Refraction-diffraction model for linear surface water waves 1-37956
 Lozano, M. see Madurga, G. 1-719
 Lozano, M. see Vinas, F.J. 1-45524
 Lozano, R.D. Evaluation of different color-difference formulae by means of an experiment on color scaling: final report 1-17400
 Lozansky, E.D., Sobell, H.M. The influence of acoustic phonons on the magnitude of energy fluctuations in DNA 1-39961
 Loze, C. de see de Loze, C.
 Loze, R. see Brendel, K. 1-3937
 Lozhchik, F.D. see Blokh, A.G. 1-29519
 Lozhkin, L.N. see Zaitsev, V.A. 1-3994
 Lozhkin, O.V. see Bogatin, V.I. 1-18627
 Lozier, A.G. see Woollam, J.A. 1-42679
 Lozina, L.A. see Grebinnik, V.G. 1-43054
 Lozingot, J. see Sayer, B. 1-37154
 Lozinskaya, T.A. Dependence of radio brightness of supernova remnants on their diameters. New distance calibrators 1-49781
 Loznikov, V.M., Melioranski, A.S., Kudryavtsev, M.I., Savenko, I.A., Shamolin, V.M. Observation of the flare X-ray pulsar FXP 0520-66 on board the Kosmos 856 satellite 1-17910
 Lozoskii, V.N., Maronchuk, I.E., Lunin, L.S., Buddo, V.I., Sushko, B.I., Latuta, V.Z. Influence of growth conditions on perfection of thick epitaxial layers of $\text{AlGa}_{1-x}\text{As}$ 1-30580
 Lozovatskaya, L.P., Levin, I.A., Burtseva, I.K. Electrolytic etching of stainless steel samples in a nitric acid solution 1-26661
 Lozovatskiy, I.D. see Korchashkin, N.N. 1-4523
 Lozovik, Yu.E., Akopov, S.G. Kosterlitz-Thouless-like transition in granular superconducting films 1-7771
 Lozovik, Yu.E., Akopov, S.G. On phase diagram of granular superconductor 1-34820
 Lozovik, Yu.E., Apenko, S.M., Klyuchnik, A.V. Two-dimensional electron crystal in magnetic field. Topological phase transitions and stability region 1-34459
 Lozovik, Yu.E. see Klyuchnik, A.V. 1-2883
 Lozovik, Yu.E. see Lerner, I.V. 1-7531
 Lozovoi, V.I., Oglobliya, V.I., Lushchik, L.V., Obmanuyk, A.V. Studies of diffusion regularities in In-Zn and Cd-Zn liquid-solid mixtures 1-7370
 Lozovoi, V.I. see Alekseeva, Z.M. 1-20453
 Lozovskii, L.A. see Blankov, E.B. 1-27290
 Lozovskii, V.N., Lunina, O.D. Epitaxy of varizone layers of $\text{AlGa}_{1-x}\text{As}$ in a temperature gradient field 1-43281
 Lozovskii, V.N., Popov, V.P., Vlasenko, N.V., Kirpichenkov, V.Ya. Isothermal liquid epitaxy of variable-gap $\text{AlGa}_{1-x}\text{As}$ films 1-42653
 Lozowski, E.P., D'Amours, R. A time-dependent numerical model for spherically symmetric hailstone growth thermodynamics under constant ambient conditions 1-49340
 Lozyuk, V.S. see Kiryukhin, S.V. 1-2235
 Lu, A.H. Solute transport for radioactive wastes through the vadose zone 1-43832
 Lu, B.C.-Y. see Ishikawa, T. 1-204, 1-47218
 Lu, C.C., Heyt, J.W. Heat transfer from two-phase boundary layers on isothermal cylinder: influence of drop trajectory 1-37899
 Lu, C.C., Meistrich, M.L., Thames, H.D., Jr. Survival of mouse testicular stem cells after γ or neutron irradiation 1-22077
 Lu, C.Y. see Lu, N.C.C. 1-42876
 Lu, D.C. see Egan, P.O. 1-51324
 Lu, K.C. see Bowman, R.M. 1-48829
 Lu, M.S. see Barber, D.P. 1-534
 Lu, M.S., Cheng, H.S., Hsu, C.J., Diamond, D.J., Shier, W.G., Levine, M.M., Odar, F. Peach Bottom II turbine tip test analysis 1-28677
 Lu, N.C.C., Gerzberg, L., Lu, C.Y., Meindl, J.D. A new conduction model for polycrystalline silicon films 1-42876
 Lu, P., Chan, C.K., Wang, A.P., Wang, C.Y. Solution of coupled equations by the WKB approximations 1-9871
 Lu, P. see Chan, C.K. 1-5160, 1-14795, 1-19152, 1-44776
 Lu, P.Y. see Ho, P.P. 1-41791
 Lu, S.S. see Lu Xue-shan 1-46950
 Lu, T.-M., Lagally, M.G. The resolving power of a low-energy electron diffractometer and the analysis of surface defects 1-7053
 Lu, W.-K. see El Kasaby, T. 1-12733
 Lu Chang Wu see Lu Chang Wu
 Lu Cheng see Cheng Lu
 Lu Chih-Yuan see Chih-Yuan Lu
 Lu Jin-wen see Wu De-hai 1-53209
 Lu Ju-fu see Xie Ghang-zhong 1-9674
 Lu Jun see Liu Shi-ji 1-22499
 Lu Pau-Chang see Pau-Chang Lu
 Lu Qun-kang On electromagnetic instabilities of plasma. II 1-51933
 Lu Shi-Qi, Zhao Wei-Qin, Bao Cheng-Guang, Zhu Xi-Quan Eikonal-Born expansion and its application in large-angle scattering 1-45478
 Lu Shin-Tsu see Shin-Tsu Lu
 Lu Sun see Sun Lu
 Lu Tan see Luo Liao-Fu 1-5555
 Lu Ting see Li Zhu-Qi 1-46958
 Lu Wu see Wu Lu
 Lu Wu-xing see Mo Dang 1-20244
 Lu Xue-shan, Lu, S.S. A new graphic method of indexing Debye-Scherrer photographs 1-46950
 Lu Yin-cheng see Mo Dang 1-20244
 Lu Yin-cheng see Xiao Nan 1-25288
 Lu Yingzhong see Yingzhong Lu
 Lu Yu see Guang-zhao Zhou 1-9962
 Lu Yu see Yu Lu
 Lu Yu-zeng see Yao Nai-yan 1-46996
 Lu Zao-Xun see Chen Yun-Tai 1-4426
 Lu Zhongjun, Bian Wenkuan Refit the projector as the polariscope 1-24758
 Lu-qiong Jiao see Jiao Lu-qiong
 Lub, J. see Blanco, V.M. 1-36313
 Lub, J. see Eichendorf, W. 1-36296
 Lub, J. see Pel, J.W. 1-22825
 Lubard, S.C., Krimmel, J.E., Thebaud, L.R., Evans, D.D., Shemdin, O.H. Optical image and laser slope meter intercomparisons of high-frequency waves 1-13600
 Lubatti, H.J., Moriyasu, K., Rees, C.D., Rogers, E. A study of double-scattering effects in π and ρ interactions between 15 and 400 GeV 1-45352
 Lubatti, H.J. see Abramowicz, H. 1-45378
 Lubatti, H.J. see Ko, W. 1-10263
 Lubavin, E. On the use of thermistor anemometry in a variable temperature flow 1-34026
 Lubbesmeyer, D., Crowe, R.D. Time-dependent coolant velocity measurements in an operating BWR 1-36981
 Lubbig, H. see Erne, S.N. 1-7781
 Lubbock, R., Shelton, G.A.B. Electrical activity following cellular recognition of self and non-self in a sea anemone 1-32109
 Lubell, M.S. see Baum, G. 1-28323
 Lubelsmeyer, K. see Brandelik, R. 1-23510, 1-23527, 1-50411
 Lubenets, S.V., Fomenko, L.S. Dynamics of twin layer widening in In-Pb crystals 1-20239
 Lubenets, S.V., Startsev, V.I., Fomenko, L.S. Elastic twinning in In-10 wt.% Pb alloy 1-35322
 Lubenets, S.V. see Ydeshenko, V.N. 1-52146
 Lubensky, T.C., Isaacson, J. Field theory and polymer size distribution for branched polymers. [Gelation theory] 1-53423
 Lubimov, V.S., Mironov, V.S., Makarov, E.F., Ionov, S.P. Collective excitations in charge-ordered systems with orbital degeneracy 1-20643
 Lubliner, J. On thermodynamic yield criteria 1-33902
 Lubock, P., Goldsmith, W. Experimental cavitation studies in a model head-neck system 1-49033
 Lubow, S.H., Rhodes, E.J., Jr., Ulrich, R.K. Five minute oscillations as a probe of the solar interior 1-27468
 Lubow, S.H. see Shu, F.H. 1-9565
 Lubowich, D.A. see Theimer, O. 1-46850
 Lubuska, A. see Wiczeck, E. 1-21550
 Luby, S., Lotboka, P. The influence of passivation with SiO_2 layers on the properties of thin film conductors for integrated circuits 1-25490
 Lubyanyan, N.D. see Bogomolov, E.A. 1-36151
 Luc, A. see Jouve, H. 1-7915
 Luc, P. see Gerstenkorn, S. 1-19107, 1-45888, 1-45951
 Luc-Koenig, E. Fine-structure splitting for the 3d and 4d terms in the sodium isoelectronic sequence 1-19040
 Luc-Koenig, E. see Farrag, A. 1-6179
 Luca, D.J. see Prest, W.M., Jr. 1-11695
 Luca, J.C. de see De Luca, J.C.
 Lucas, A.A. see Donnelly, S.E. 1-23314
 Lucas, A.C. see McLaughlin, W.L. 1-944
 Lucas, A.L., O'Brien, P.N.S., Thomas, J.H. Velocity analysis in transversely isotropic media 1-9096
 Lucas, J., Griffiths, I., Goodwin, C. Microprocessor control of a small vacuum system 1-3625
 Lucas, J. see Fonteneau, G. 1-19397
 Lucas, J. see Kucukarparci, H.N. 1-29831
 Lucas, M. see Alton, G.D. 1-46104
 Lucas, M. see Corbin, O. 1-18848
 Lucas, M.W., Steckelmacher, W., Macek, J., Potter, J.E. Charge transfer to continuum and high Rydberg states in proton-carbon-foil collisions 1-24233
 Lucas, R. see Greigore, C. 1-45547
 Lucas, R. see Poitou, J. 1-50619
 Lucas, R.J. The stability of parallel flow of a multi-component plasma 1-19882

- Lucasbenko, L.I., Palatnik, L.S., Shiskov, A.G., Avramenko, B.A. Effect of a magnetic suspension on the domain structure and structure of interdomain walls in thin ferromagnetic films 1-34914
- Lucasson, A. *see* Daou, J.N. 1-7833, 1-20700, 1-34679
- Lucasson, A. *see* Maury, F. 1-52179
- Lucasson, P. *see* Daou, J.N. 1-7833, 1-20700, 1-34679
- Lucasson, P. *see* Maury, F. 1-52179
- Lucat, C. *see* Matar, S. 1-2965, 1-20448
- Lucatorto, T.B., McIlrath, T.J. Laser excitation and ionization of dense atomic vapors 1-29830
- Lucatorto, T.B., McIlrath, T.J., Mayo, S., Furumoto, H.W. High-stability coaxial flashlamp-pumped dye laser 1-6570
- Lucatorto, T.B. *see* McIlrath, T.J. 1-14844
- Lucchesi, M. *see* Cella, A. 1-11335
- Lucchini, F. *see* Rossi, P.L. 1-35971
- Lucci, A. *see* Antonione, C. 1-25175
- Lucero, J.A. *see* Duardo, J.A. 1-46412
- Lucey, R.F., Jr. *see* Read, M.E. 1-1536
- Luchaninov, A.G., Potikha, L.Z., Rogozin, V.A. Mechanism for the piezoelectric effect in ceramic barium titanate 1-31096
- Luchaninov, A.G., Shil'nikov, A.V. Piezoelectric effect in depolarized polycrystalline ferroelectrics 1-31095
- Lucherini, V. *see* Capitani, G.P. 1-23936
- Luches, A. *see* D'Anna, E. 1-24442
- Luchin, V.I. Effect of the thermophysical properties of a target on the evaporation conditions when acted on by laser radiation 1-21296
- Luchinskii, A.V. *see* Bakulin, Yu.D. 1-19918, 1-45727
- Luchinskii, G.V. *see* Ivanova, Z.I. 1-6617
- Luchitskii, R.M., Starik, P.M., Zayachuk, D.M., Drapak, Z.T., Mikityuk, V.I., Lototskii, V.B. Dependence of the fundamental parameters of $Pb_{1-x}Sn_xTe_{1-y}Se_y$ single crystals on composition 1-21214
- Luchkov, B.I. *see* Galper, A.M. 1-17769
- Luchner, K. *see* Weber, K.H. 1-34442
- Luchnikov, A.V. *see* Belovolov, M.I. 1-33822
- Luchstead, S. *see* Hogstrom, K.R. 1-27005
- Lucht, H. *see* Dahne, S. 1-31930
- Lucht, P. *see* Alexandrov, I. 1-49899
- Lucht, R.P., Sweeney, D.W., Laurendeau, N.M. Balanced cross-rate model for saturated molecular fluorescence in flames using a nanosecond pulse length laser 1-10768
- Lucia, F.C. *see* De Lucia, F.C.
- Lucia, V. *see* Zweibaum, F.M. 1-44985, 1-44986
- Lucius, J.L. *see* Ryskamp, J.M. 1-50858
- Lucius, M. *see* Guillot, M. 1-35920
- Luck, H.-B., Turek, K., Spurny, F. Enlargement of particle tracks by sequential electrical and chemical treatment 1-51051
- Luck, R.E., Bond, H.E. The chemical compositions of 26 distant late-type supergiants and the metallicity gradient in the galactic disk 1-36273
- Luck, R.E. *see* Hinkle, K.H. 1-49683
- Luck, W.A.P., Schrems, O. Infrared spectroscopic studies on hydrogen chloride-alcohol complexes 1-14881
- Luck, W.A.P. *see* Singh, S. 1-45948
- Lucke, B., Barbey, K. A simple device for determining the slopes of recorded curves 1-17504
- Lucke, K., Pospiech, J., Virnich, K.H., Jura, J. On the problem of the reproduction of the true orientation distribution from pole figures 1-26491
- Lucke, K. *see* Baumgarten, J. 1-48374
- Lucke, K. *see* Jura, J. 1-26502
- Lucke, M. The excitation spectra of liquid ^4He at zero temperature and of a ^4He atom moving in it 1-11938
- Lucke, M. Energy and particle number self-diffusion of a classical particle in the potential of randomly fixed scatterers 1-42275
- Lucke, M. *see* Zippelius, A. 1-42051
- Lucke, P.B. The interstellar reddening law in the visible 1-17889
- Lucke, P.B., Mayor, M. Duplicity in the solar neighborhood. I. A new spectroscopic orbit for BY Draconis 1-27555
- Lucken, E.A.C. *see* Sengupta, S. 1-26072
- Luckers, J. *see* Pirlot, R. 1-27980
- Luckey, D. *see* Barber, D. 1-14407
- Luckey, D. *see* Barber, D.P. 1-534, 1-28309
- Luckey, D. *see* Duinker, P. 1-23507
- Luckey, P.D. *see* Antreasyan, D. 1-10287
- Luckhurst, G.R. *see* Emsley, J.W. 1-11672, 1-42290
- Lucking, W. *see* Gemmeke, H. 1-18668
- Luckman, N.P. *see* Preece, A.W. 1-44058
- Lucks, K., Kramer, M. Measurements of resonance corks influenced by ion dynamics and electron drift motion 1-2243
- Luco, J.E. Lower bounds for peak horizontal strong-motion amplitudes 1-32362
- Lucovsky, G. Defect states at the semiconductor-insulator interface: a chemical bonding approach 1-52659
- Lucovsky, G., Bauer, R.S. Local atomic order in native III-V oxides 1-16923
- Lucovsky, G. *see* Galeener, F.L. 1-26204
- Lucovsky, G. *see* Knights, J.C. 1-52067
- Lucus, J. *see* Fonteneau, G. 1-3354
- Ludy, L.B., White, R.L. X-ray emission from the winds of hot stars 1-36276
- Lucey, L.B. *see* Ku, W.H.-M. 1-22921
- Ludden, J.N., Thompson, G., Bryan, W.B., Frey, F.A. The origin of lavas from the Ninetythree Ridge, eastern Indian Ocean: an evaluation of fractional crystallization models 1-13430
- Ludden, J.N. *see* Schroeder, B. 1-22555
- Luddy, R. *see* Hahn, Y. 1-10620
- Ludeke, R. Surface studies on MBE-grown III-V compounds and alloys 1-7491
- Ludeke, R. *see* Landgren, G. 1-42651
- Ludeke, R. *see* Saris, F.W. 1-38673
- Ludeking, L. *see* Dover, C.B. 1-14489
- Ludemann, C.A. *see* Preadom, B.M. 1-45540
- Ludemann, H.-D. *see* Hauer, J. 1-41399
- Luders, K. *see* Chikaba, J. 1-47801
- Luders, K. *see* Denner, H.D. 1-44938
- Luders, K. *see* Freyhardt, H.C. 1-34829
- Ludewig, H. *see* Mallen, A.N. 1-18819
- Ludewigt, B. *see* Gaul, G. 1-50610
- Ludington, B.W. *see* Immoorla, A.A., Jr. 1-11864
- Ludl, H. *see* Karlan, M.S. 1-13308
- Ludlam, T. *see* Cockerill, D. 1-14742
- Ludman, J.E. *see* Horner, J.L. 1-15118
- Ludowise, M.I. *see* Cooper, C.B. 1-21356
- Ludowise, M.J. *see* Saxena, R.R. 1-8706
- Ludvigsen, C. Acoustic aspects of auditory training with and without hearing aid 1-32147
- Ludvigsen, M. The asymptotic nature of isolated systems 1-36546
- Ludwiczak, M. *see* Kulinski, T. 1-15172
- Ludwig, E. *see* Klose, G. 1-51228
- Ludwig, E.J. *see* Tonsfeldt, S.A. 1-28457
- Ludwig, G. Asymptotic behavior of gravitational fields in a type II coordinate system 1-5187
- Ludwig, G. Space-times with geodesic, shearfree, twistfree, nonexpanding rays 1-5188
- Ludwig, H. *see* Irion, J. 1-50475
- Ludwig, H. *see* Wang, S.-T. 1-48881
- Ludwig, J. Time switch for dark room with light level measurement 1-50247
- Ludwig, J. *see* Barish, B. 1-10192
- Ludwig, J. *see* Brehm, L. 1-2961
- Ludwig, M.A. System release for testing 1-18803
- Ludwig, R. *see* Egred, K. 1-40045
- Ludwig, W. *see* Feltz, A. 1-31438
- Ludynski, Z. *see* Jesionek, B. 1-43296
- Ludziejewski, J., Kalshoven, A.W.B., Hesselink, W.H.A., Verheul, H., de Voigt, M.J.A. Level structure of odd $^{101-107}\text{Ag}$ and doubly odd ^{104}Ag nuclei in the light of different nuclear models 1-50508
- Ludziejewski, J. *see* Kalshoven, A.W.B. 1-10321
- Ludzhish, O.S. *see* Georgobiani, A.N. 1-47105, 1-47106
- Lue, J.W. *see* Elrod, S.A. 1-52734
- Lue Juh Tseng *see* Juh Tseng Lue
- Lue Juh Tseng *see* Juh Tseng Lue
- Lue Yen-Bower, E. *see* Clark, D.E. 1-16930
- Lueb, R.A. *see* Heidt, L.E. 1-40166
- Luebbe, R., Maltz, M. The photosensitization of poly-N-vinyl carbazole with rhodamine 6 G for use in PAPE imaging processes 1-10044
- Lueck, D.E., Dishman, R.A., Thayer, R.B. Total oxygen demand recent advances in the automatic oxygen demand analysis technique 1-32081
- Lueck, R.G. The calibration of a hot film turbulence probe 1-13599
- Lueck, R.G. The unsteady flux of heat and momentum from a flat plate 1-29662
- Luehr, C.P. *see* Rosenbaum, M. 1-44827
- Lueken, H. Preparation and magnetic properties of $\text{Eu}_2\text{Mg}_{17}$ and EuMg_2 1-34867
- Luera, T.F. Channelled-proton-induced X-ray measurements of radiation damage in sapphire 1-38411
- Luffman, B.L. *see* Goodinson, P.A. 1-32951
- Luft, B.D., Karpel, N.G. Analytical control in the technology of semiconductor epitaxial structures 1-31933
- Luft, G. *see* Fischer, J. 1-39847
- Lugara, M. *see* Catalano, I.M. 1-3437
- Lugg, M. Effect of a surrounding star cluster on a magnetoid 1-44641
- Lugiato, L. *see* Bonifacio, R. 1-46429
- Lugiato, L.A. On the fluorescent spectrum in absorptive optical bistability 1-15206
- Lugiato, L.A. Many-mode quantum statistical theory of optical bistability 1-33744
- Lugiato, L.A. *see* Bonifacio, R. 1-41655
- Lugiato, L.A. *see* Farina, J.D. 1-1618
- Lugin, E.V., Ponomarev, Yu.N. Redistribution of intensity in the cross section of a powerful light beam after saturation of absorption 1-46463
- Luginina, V.F. *see* Gorn'skii, K.Z. 1-6755
- Lugmair, G.W. *see* Carlson, R.W. 1-35980, 1-54402
- Lugovoi, A.A. *see* Turov, E.A. 1-25972, 1-31000
- Lugovoi, V.N. On the theory of stimulated Raman radiation in an optical resonator 1-15221
- Lugovoi, V.N. Bistability and self-pulsing in Cerenkov-type optical parametric interactions 1-46446
- Lugovsky, S. *see* Barth, M. 1-41018, 1-45377
- Lugscheider, E., Reimann, H., Pankert, R. Investigations on the r-boride containing system nickel-chromium-Tantalum-boron at 850°C 1-12723
- Lugscheider, E. *see* Schmidtman, E. 1-48394
- Lugt, W. *see* van der Lugt, W.
- Lugt, W. *see* van der Lugt, W.
- Luhleisch, H. *see* Ali-Khan, I. 1-37002
- Luhman, T., Welch, D.O., Suenaga, M. Bend strain tolerances of a Nb₃Sn conductor proposed for use in the magnetic fusion energy program 1-52738
- Luhman, T.S. *see* Suenaga, M. 1-52731
- Luhmann, J.G., Elphic, R.C., Russell, C.T. Observations of large scale steady magnetic fields in the dayside Venus ionosphere 1-36206
- Luhmann, N.C., Jr. *see* Brower, D.L. 1-46400
- Luhraen, W. *see* Berger, C. 1-5636
- Luhurs, G. *see* Schoch, B. 1-23640
- Luhurs, W. *see* Berger, C. 1-10209
- Luhurs, W. *see* Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Lui, A.T.Y., Akasofu, A.-I. Estimated north-south component of the electric field in the geomagnetic tail plasma sheet 1-36105
- Lui, A.T.Y., Akasofu, S.-I. Carbon dioxide measurements in the stratosphere in the geomagnetic tail plasma sheet 1-36029
- Lui, Y.-W. *see* Garg, U. 1-28445
- Lui, Y.-W. *see* Zeller, A.F. 1-5688
- Luijendijk, J. *see* Khoe, G.-d. 1-12111
- Luijendijk, J.A. *see* Khoe, G.-d. 1-46598
- Luit, E.J. *see* Barber, D.P. 1-28309
- Luitjens, S.B., Algra, A.J., Suurmeijer, E.P.Th.M., Boers, A.L. Low energy ($E_0 < 10$ keV) atom and ion scattering of neon from a Cu(100) surface; ionization and neutralization 1-12619
- Luitjens, S.B., Algra, A.J., Suurmeijer, E.P.Th.M., Boers, A.L. Interaction of low energy (5-10 keV) argon atoms and ions with a Cu(100) surface; ion fraction ionization and neutralization 1-12620
- Luitjens, S.B., Algra, A.J., Suurmeijer, E.P.Th.M., Boers, A.L. Argon (10 keV) scattered from structures, induced by bombarding a Cu(100) surface; ionization and neutralization 1-21316
- Luitjens, S.B. *see* Algra, A.J. 1-20530, 1-26346
- Luiyova, L.A. *see* Gostev, V.A. 1-1381
- Lujan, R. *see* Mort, J. 1-7637, 1-34742
- Luk, K.C. *see* Horn, B.A. 1-44019
- Luk, W.H. *see* Choy, C.O. 1-16110
- Lukac, P. Plastic deformation of hexagonal metals 1-43410
- Lukac, P., Malek, P. Superplasticity in a zinc-aluminum alloy 1-12850
- Lukac, P., Stulikova, I., Navratil, V. Deformation of Cd-based alloys single crystals at very low temperatures 1-43408
- Lukac, P., Trojanova, Z. Deformation of hexagonal polycrystals 1-21561
- Lukac, P., Trojanova, Z. Solid solution hardening 1-26489
- Lukac, P., Trojanova, Z., Svoboda, A. Deformation of Cd and Zn single crystals 1-43409
- Lukac, P., Trojanova, Z., Svoboda, A. Plastic deformation of alpha-Zr polycrystals 1-43413
- Lukac, P. *see* Lavrentev, F.F. 1-30226
- Lukac, P. *see* Mastihuba, M. 1-51983
- Lukac, P. *see* Navratil, V. 1-53241
- Lukac, P. *see* Stejskalova, V. 1-43415
- Lukachinski, J., Groncki, P.J., Tessmer, R.G., Jr., Goettle, R.J., IV, Hudson, E.A. An integrated methodology for assessing energy-economy interactions 1-35631
- Lukas, H.H. *see* Daighleish, J.F. 1-41870
- Lukas, H.L. *see* Dornier, P. 1-53155
- Lukas, P., Kunz, L. Fatigue notch factor in high cycle region 1-47162
- Lukas, P. *see* Klesnil, M. 1-48504
- Lukas, P. *see* Kunz, L. 1-8412
- Lukas, P. (translator) Fatigue of metallic materials 1-48504
- Lukas, W., Kowalska, M., Skudlarski, K. Mass-spectrometric determination of excess Gibbs free energy for $\{(1-x)\text{KReO}_4 + x\text{CsReO}_4\}$ at 806K 1-25458
- Lukash, E.S., Podchernyayeva, I.A., Siman, N.I., Smolin, M.D. Emission-adsorption properties of carbide and boride phase coatings produced by direct electron-beam vaporization in a barium-containing stream 1-35450
- Lukash, V.N. Creation of sound waves in an isotropic Universe 1-32792
- Lukaschenko, L.I. *see* Palatnik, L.S. 1-30977
- Lukashevich, M.A. *see* Shershev, A. 1-7451
- Lukashevich, M.G., Stelmakh, V.F. Influence of an electric field on the negative magnetoresistance of epitaxial gallium arsenide 1-42798
- Lukashin, V.F. *see* Ignatov, A.V. 1-5298
- Lukashin, G.A. *see* Gud, E.S. 1-43274
- Lukashin, I.F. Calculation of parameters of scintillation detectors for low-activity γ rays 1-10602
- Lukashina, N.V. *see* Obratsov, I.F. 1-19654
- Lukasiak, A. *see* Baran, A. 1-50679

- Lukasiak, J. *see* Harakeh, M.N. 1-23594
 Lukasiak, J. *see* Jastrzebski, J. 1-23540
 Lukasiewicz, T., Zmija, J. The Czochralski growth of doped bismuth-germanium oxide (BGO) and bismuth-silicon oxide (BSO) single crystals 1-21339
 Lukasik, J. *see* Green, W.R. 1-29026
 Lukasiewicz, K. *see* Stepien-Damm, J. 1-52122
 Lukasiewicz, M., Jansen, K. A simple N₂ laser for dye laser pumping 1-11019
 Lukasiewicz, T., Zmija, J. A luminescence modification of the two-sample method for studying impurity diffusion in A¹⁻²B³ semiconductors 1-38596
 Lukat, K. *see* Vovnenko, V.I. 1-21271
 Luke, D. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
 Luke, D. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Luke, T.M. *see* Aashamar, K. 1-45830
 Luke, U. *see* Bonnet, D. 1-26838, 1-48850
 Lukens, H.R. *see* Alvar, K.R. 1-14597
 Lukes, S.J. *see* Nishiyama, H. 1-40014, 1-53913
 Lukes, T. Correspondence. A new effect in transport near the mobility edge 1-42735
 Lukes, T. The Anderson-Mott transition in positive muon diffusion. Determination of a critical index 1-47481
 Lukhanin, A.A. *see* Get'man, V.A. 1-10230
 Lukhinskaia, B.E. *see* Galimbekov, D.K. 1-32557
 Lukianov, S.U. *see* Chicherov, V.M. 1-25028
 Lukicheva, A.V. *see* Safonova, E.P. 1-17136
 Lukierska-Walasek, K., Walasek, K. Quantum effects in the critical properties of the transverse Ising model for 2<d≤3 1-50064
 Lukierski, J. On the application of fields with continuous mass parameter 1-18394
 Lukierski, J. Quarks and fermionic geometry 1-18424
 Lukierski, J. Four dimensional quaternionic σ -models 1-28219
 Lukin, A.V. *see* Balashov, I.F. 1-9283
 Lukin, A.V. *see* Kaminskii, A.A. 1-31167
 Lukin, A.V. *see* Larionov, N.P. 1-19303
 Lukin, E.S. *see* Mamedov, R.I. 1-35239
 Lukin, G.Ya. The formation of an entrainment of droplets in stills during bubble-free evaporation and methods of calculating it 1-7308
 Lukin, I.P. Longitudinal correlation of field and intensity fluctuations. Random screen model 1-51375
 Lukin, N.Ju. *see* Postnikov, V.A. 1-35229
 Lukin, S.N., Tsintsadze, G.A. Monoaxial compression of a crystal in a low-temperature millimeter-range EPR spectrometer 1-44971
 Lukin, V.P. Phase fluctuations of specularly reflected optical waves 1-6469
 Lukin, V.P. Correction of random angular displacements of optical beams 1-33631
 Lukin, V.P., Pokasov, V.V. Optical wave phase fluctuations 1-37410
 Lukin, V.P., Sazanovich, V.M., Slobodyan, S.M. Random image shifts during ranging in a turbulent atmosphere 1-46228
 Lukina, M.M. *see* Kadmomtseva, A.M. 1-52768
 Lukina, M.M. *see* Nikolov, O.N. 1-34880
 Lukinykh, V.F. *see* Geller, Yu.I. 1-28930
 Lukinykh, V.F. *see* Heller, Yu.I. 1-45913
 Lukiyani, F.M. *see* Andronik, I.K. 1-43138
 Lukjantschikov, L.A., Ten, K.A., Zubkov, P.I. Extinction of the electric arc compressed by shock waves 1-34180
 Lukk, A.A., Leonova, V.G. Joining of the Earth's crust in the Garm region based on statistics of source mechanisms of weak earthquakes 1-9127
 Lukkari, J. *see* Pironen, J.O. 1-49572
 Luknarova, M. Electron emission from tungsten in potassium vapour 1-16652
 Lukomski, V.P. *see* Bogdanova, Kh.G. 1-21025
 Lukomskii, A.I. *see* Bodnar, I.V. 1-16677
 Lukomskii, A.I. *see* Grinyayev, S.N. 1-2871
 Lukomskii, A.N. *see* Chernov, S.M. 1-29397
 Lukomskii, G.V. *see* Borisevich, N.A. 1-51216
 Lukosius, J. *see* Balkevicius, P. 1-37533
 Lukosz, W. Theory of optical-environment-dependent spontaneous-emission rates for emitters in thin layers 1-12578
 Lukovits, I. *see* Koch, A.S. 1-48973
 Lukovnikov, A.I. *see* Vargin, A.N. 1-33498
 Luks, K.D. *see* Hotvov, J.D. 1-47245
 Luskch, P. Nuclear data sheets for A=92 1-22960
 Lukshina, V.A. *see* Startseva, I.E. 1-3170
 Lukstins, J. *see* Aksinenko, V.D. 1-18662
 Lukstins, Yu. *see* Bartke, E. 1-5664
 Luk'yanchikov, G.S. *see* Batanov, G.M. 1-25099
 Luk'yanchikov, V.S. *see* Antonova, M.M. 1-30549
 Luk'yanchuk, B.S. *see* Bobyrev, V.A. 1-31861
 Luk'yanchuk, B.S. *see* Boiko, V.I. 1-21298
 Luk'yanchuk, B.S. *see* Bunkin, F.V. 1-16807, 1-35129, 1-35449
 Luk'yanchuk, B.S. *see* Karlov, N.V. 1-33048
 Luk'yanchuk, B.S. *see* Kirichenko, N.A. 1-53428
 Luk'Yanenko, A.I., Berestovskii, G.N., Yevtodienko, Yu.V. Electrical parameters of a bilayer lipid membrane modified with mitochondrial Ca²⁺-binding glycoprotein 1-35756
 Luk'yanenko, N.G. *see* Dvorkin, A.A. 1-25255
 Luk'yanets, E.A. *see* Gurdzhiyan, L.M. 1-17077
 Luk'yanets, E.A. *see* Volkov, V.M. 1-10998
 Luk'yanov, A.A. *see* Kolesov, V.V. 1-23709
 Luk'yanov, V.N., Semenov, A.T. Light amplifier with filtering of spontaneous background 1-33686
 Lulich, C. *see* Isaacson, R.A. 1-14160
 Luling, M. *see* Abresch, U. 1-55536
 Lum, W. *see* Williams, D.R. 1-36182
 Lumb, D.H. *see* Fraser, G.W. 1-51048
 Lumberas-Ginter, M., Leder, F., Domens, P., Cadene, M. Dielectric response (0.4-250 μ m) of Cd_{1-x}Zn_xS thin films as a function of structure and composition 1-13133
 Lumbroso, H., Cure, J., Konakahara, T., Takagi, Y. A dipole-moment study of substituted pyrazines and quinoxalines 1-10652
 Lumbroso, H., Liegeois, Ch., Dereu, N., Christiaens, L., Luxen, A. A dipole moment study of organo-halogen compounds 1-10866
 Lumpkin, A.H. *see* Piel, W.F., Jr. 1-41037
 Lumpkin, G.R. Nepheline and sodalite in a barred olivine chondrule from the Allende meteorite 1-40440
 Luna, R.E. *see* Sandoval, R.P. 1-41207
 Lunardi, S. *see* Daly, P.J. 1-23550
 Lunarska-Borowiecka, E., Fiore, N.F. Hydride formation in a Ni-base superalloy 1-53271
 Lund, A. *see* Claesson, O. 1-26013, 1-43012
 Lund, A. *see* Samskog, P.-O. 1-12403, 1-31880, 1-37227
 Lund, I.A., Grantham, D.D. Estimating the joint probability of a weather event at more than two locations 1-54188
 Lund, I.A., Grantham, D.D., Davis, R.E. Estimating probabilities of cloud-free fields-of-view from the Earth through the atmosphere 1-4616
 Lund, J.W. *see* Lienau, P.J. 1-48793
 Lund, L. *see* Abate, J.A. 1-41717
 Lund, L.J., Weismiller, R.A., Kristof, S.J., Kirschner, F.R., Harrison, D. Development of spectral maps for soil-vegetation mapping in the Big Desert Area, Idaho 1-9161
 Lund, L.J. *see* Kiefer, L.M. 1-9160
 Lund, P.A. *see* Houston Miller, J. 1-37177
 Lund, P.A. *see* Nielsen, O.F. 1-21984
 Lund, T. *see* Wray, V. 1-14936
 Lundberg, J. *see* Szebehely, V. 1-9646
 Lundberg, M. *see* Savborg, O. 1-20157
 Lundberg, R. *see* Kalra, S.P. 1-28556
 Lundberg, R.D., Makowski, H.S. Solution behavior of ionomers. I. Metal sulfonate ionomers in mixed solvents 1-34388
 Lundby, A. *see* Berglund, A. 1-36881
 Lunde, L., Videm, K. The influence of testing conditions and irradiation on the stress corrosion cracking susceptibility of Zircaloy 1-21636
 Lundeen, S.R., Pipkin, F.M. Measurement of the Lamb shift in hydrogen, n=2 1-41350
 Lundeen, S.R. *see* Safinya, K.A. 1-24275
 Lunden, R. Optimum distribution of additive damping for vibrating frames 1-19624
 Lundgren, K. *see* Ivars, R. 1-50951
 Lundin, A.G. *see* Sukhovskii, A.I. 1-2557
 Lundin, C.E. *see* Magee, C.B. 1-20121
 Lundin, K. Printing press automation and noise control 1-37703
 Lundin, R., Holmgren, G. Rocket observations of stimulated electron acceleration associated with the Trigger experiment 1-17729
 Lundin, R. *see* Holmgren, G. 1-17727
 Lundquist, G.M., Cormier, V.C. Constraints on the absorption band model of Q 1-22252
 Lundquist, M.L. *see* Amimoto, S.T. 1-51470
 Lundquist, T.R. Correlation between the spectral ionization probability of sputtered atoms and the electron density of states 1-31278
 Lundqvist, B.I. *see* Norskov, J.K. 1-42633
 Lundqvist, S., Anderson, T. Temporal and frequency responses of p-n HgCdTe photodiodes 1-45021
 Lundstedt, H., Scherrer, P.H., Wilcox, J.M. Geomagnetic activity and Hale sector boundaries 1-54329
 Lundstrom, I. *see* Arwin, H. 1-35926
 Lundstrom, M.S. *see* Schwartz, R.J. 1-53609
 Lundstrom, T. *see* Crespo, A.J. 1-38347
 Lundy, R. *see* Heagy, S.M. 1-50433
 Lundy, R.A. State of the Energy Doubler 1-51007
 Lunec, J., Cramp, W.A., Hornsey, S. Neutron irradiation of bacteria in the presence and absence of secondary charged-particle equilibrium 1-26956
 Lunel, M. *see* Bergaert, J. 1-44590, 1-54551
 Lunets, E.F. *see* Volod'ko, L.V. 1-53758
 Lunev, V.V. *see* Zalogin, G.N. 1-34035
 Luneva, S.A. *see* Grinchenko, V.T. 1-19504
 Lunin, I.S. *see* Lozovskii, V.N. 1-30580
 Lunin, V.V., Marichev, V.A. New methods of studying corrosion cracking of constructional materials 1-53388
 Lunin, V.V. *see* Marichev, V.A. 1-16958
 Lunin, V.V. *see* Nefedov, V.I. 1-52409
 Lunina, O.D. *see* Lozovskii, V.N. 1-43281
 Luning, C.D. *see* Flagg, R.C. 1-37116
 Lunk, A. *see* Reshonov, S.P. 1-19989
 Lunke, C. *see* Marty, N. 1-10391
 Lunke, C. *see* Marty, N. 1-23690
 Lun'kin, S.P., Milyukov, E.M., Mokeeva, G.A. Spectral and luminescence properties of Cr(III) ions in a segregating sodium borosilicate glass 1-43162
 Lun'kin, S.P. *see* Milyukov, E.M. 1-42320
 Lunkin, V.Ya., Udovenko, A.A., Zorchenko, V.V. The influence of the island condensate on metal substrate conductivity 1-34811
 Lunkin, Yu.P. *see* Golovachov, Yu.P. 1-11442
 Lun'kin, Yu.P. *see* Gorbachev, Yu.E. 1-34005
 Lun'kin, Yu.P. *see* Zhmakin, A.I. 1-24893
 Lun'kina, G.B. *see* Fomin, I.A. 1-30856
 Lunney, D. *see* Salt, A. 1-40779
 Lunney, J.G., Seely, J.F. Silicon satellite spectra from laser-irradiated microballoons 1-38149
 Lunney, J.G. *see* Hares, J.D. 1-29893
 Lunney, J.G. *see* Kilkenny, J.D. 1-19924
 Lunney, J.G. *see* Lewis, C.L.S. 1-29915
 Lunsford, W.B. *see* Mullica, D.F. 1-30214
 Lunt, M.H. The optimum frequency and angle of insonation for a Doppler ultrasonic flow velocity meter 1-8932
 Lunter, S.G. *see* Levenberg, V.A. 1-38290
 Lunter, S.G. *see* Valtere, A.Ya. 1-42538
 Lunter, S.G. *see* Zhmyreva, I.A. 1-43179
 Luntz, A.C. Product state distribution in the reaction O(D₂) + HCl → OH + Cl 1-39588
 Lunyaka, V.L. *see* Popov, V.S. 1-31753
 Luo, H.L. *see* Harrison, D.W. 1-42881
 Luo, H.L. *see* Stritzker, B. 1-7765
 Luo, Y., Zhang, B.C., Zhou, X.Y., Ma, H.L. Effect of decarburizing process on the magnetic properties of the grain oriented 3% Si-Fe 1-8440
 Luo Ding-jun *see* Sun Yi-sui 1-40316
 Luo En Analysis of double layer grid as equivalent sandwich plate 1-29526
 Luo Guang-Wei, Shi Xi-Zhong Experimental results of radon and thorium emanations from rock specimen under pressure 1-9089
 Luo Gui-yun *see* Wang Xiu 1-48019
 Luo He-Lie *see* Li Shi 1-52871
 Luo Liao-Fu, Lu Tan, Yang Guo-Chen Weak-electromagnetic unification and broken S₄ symmetry 1-5555
 Luo Qi-guang Further test for the 'An empirical rule for superconducting A-15 type compounds' 1-3084
 Luo Qi-guang *see* Cheng Peng-zhu 1-50274
 Luo Shi-fang *see* Zheng Da-wei 1-44064
 Luo Zheng-Ming An electron transport theory of cavity ionization 1-42126
 Luo Zhuo-Li Stress deformation and tilt fields of the earthquake sources 1-9087
 Luo Zu-yu, Ma Cheng-wu, Peng Li-wu, Xu Ru-sen Studies on the effect of ⁶⁰Co γ -rays on Sarcoma 180 cells of mice 1-32196
 Luoma, E.V. *see* Bumb, R.R. 1-53426
 Luoma, J.D. *see* Colletti, J.P. 1-45665
 Luong Van Van *see* Lu Van Luong
 Luongo, A. *see* Rega, G. 1-37825
 Luontama, M. *see* Backlin, A. 1-33211
 Lupanov, G.A., Pikulin, V.D., Stepanov, N.S. Boundary conditions in the electrodynamics of moving media 1-34046
 Lupashko, E.A. *see* Shklyarevskii, I.N. 1-6635, 1-29377
 Lupi, E. *see* Zandomeneghi, M. 1-48708
 Lupine, V. *see* Gabrielli, F. 1-16865
 Lupp, U. *see* Marko, H. 1-35783
 Lupsha, V.A., Novikov, S.A. The influence of temperature and deformation rate on the crack resistance of polymethyl methacrylate 1-35379
 Lupsha, V.A., Urakov, V.Ya. Method of multiple determination of fracture toughness in specimens of polymer material 1-17007
 Lupton, D.F. *see* Bongartz, K. 1-25315
 Lupton, J.E., Klinkhammer, G.P., Normark, W.R., Haymon, R., MacDonald, K.C., Weiss, R.F., Craig, H. Helium-3 and manganese at the 21°N East Pacific Rise hydrothermal site 1-13489
 Lupa, D., Maxim, P., Bogdan, M. H₂⁺-A basis for clustering in metallic hydrides 1-20652
 Luque, A., Cuevas, A., Ruiz, J.M. Double-sided n⁺-p-n⁺ solar cell for bifacial concentration 1-17204
 Luque, A., Lorenzo, E., Ruiz, J.M. Connection losses in photovoltaic arrays 1-8727
 Luque, M. Barranco *see* Barranco Luque, M.
 Luqui, R. *see* Velarde, G. 1-18897
 Lurf, G. *see* Bauder, P. 1-14685
 Luria, S.M. Target size and correction for empty-field myopia 1-4263
 Luria, S.M. *see* Kinney, J.A.S. 1-17379
 Lurie, D. Concepts of nonequilibrium thermodynamics in discrete model of heat conduction 1-9805
 Lurie, N.A. *see* Alvar, K.R. 1-14597
 Lurz, B. *see* Niczyporuk, B. 1-50421
 Lusanna, L. *see* Barducci, A. 1-40934
 Luscher, E. *see* Hackstein, K. 1-25875
 Luscher, E. *see* Willer, J. 1-52686

- Luscher, M., Munster, G., Weisz, P. How thick are chromo-electric flux tubes? 1-40965
- Luscher, M., Symanzik, K., Weisz, P. Anomalies of the free loop wave equation in WKB approximation 1-424
- Luscher, P.E., Collins, D.M. Design considerations for molecular beam epitaxy systems 1-3626
- Lussichikov, B.I. see Ananjev, V.D. 1-28690
- Lussichikov, A. Optical investigation of cation defects in irradiated RbBr 1-26250
- Lushchik, A.Ch. see Lushchik, Ch.B. 1-20637
- Lushchik, A.Ch. see Vasil'chenko, E.A. 1-12038
- Lushchik, Ch.B., Kuusmann, J.L., Plekhanov, V.G. Luminescence of ionic crystals with self-trapping excitons, holes, and electrons 1-12547
- Lushchik, Ch.B., Vasil'chenko, E.A., Lushchik, A.Ch., Lushchik, N.E., Soovik, Kh.A., Tajirov, M.M. Exciton decay into defects and polarized luminescence on defect recombination of CsBr 1-20637
- Lushchik, Ch.B. see Vasil'chenko, E.A. 1-12038
- Lushchik, L.V. see Lozovoi, V.I. 1-7370
- Lushchik, N.E. see Lushchik, Ch.B. 1-20637
- Lushchik, N.E. see Vasil'chenko, E.A. 1-12038
- Lushick, S., Adam, M., Hinko, A. Interaction between posture, color, and the radiative heat load in birds 1-4250
- Lushington, K.H. see Kasting, G.B. 1-2605
- Lushington, K.J., Kasting, G.B., Garland, C.W. Calorimetric investigation of a reentrant-nematic liquid-crystal mixture 1-11851
- Lussis, M.A. see Chan, W.H. 1-35728, 1-35734
- Lusk, R.L. see Humphreys, T.W. 1-30603
- Luskin, B.M. see Gaponov, S.V. 1-38846
- Luspin, Y. see Serovin, J.L. 1-21204
- Lussier, M., Guardo, R., Leblanc, A.-R. Cardiac arrhythmia monitor IGB.MAC2—closed-loop evaluation 1-17517
- Lustig, H.-J. see Maruhn, J.A. 1-14548
- Lustman, L. A note on nonbreaking waves in hyperelastic materials 1-46696
- Lustman-Marchal, J. see Van Houtte, P. 1-13316
- Lutfi, R.A., Yost, W.A. Measurement of the 2f₁₂ cubic difference tone with the binaural masking-level difference 1-39938
- Lutfulaev, A.A. see Lakhmanov, P.G. 1-23386
- Lutfullina, M.G. see Abdullin, B.F. 1-8816
- Lutgemeier, H., Bohn, H.G., Bracjewski, M. NMR observation of the spin structure and field induced spin reorientation in YFeO₃ 1-26047
- Luth, H. see Matz, R. 1-48202
- Luth, H. see Spitzer, A. 1-35137
- Luth, V. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Luth, V. see Dorfan, J.M. 1-41020
- Luth, V. see Himel, T.M. 1-18482
- Luth, V. see Scharre, D.L. 1-18485, 1-45292
- Luthen, G. see Krause, K. 1-29875
- Luthe, A.H. Quantum solitons in statistical physics 1-36515
- Luther, G. see Musser, H.E. 1-8008
- Luther, G. see Reader, J. 1-51152
- Luther, K., Wieters, W. CARS spectra of transient molecular states in the photoisomerization of cycloheptatrienes 1-13023
- Luther-Davies, B. Evidence of intensity dependent profile modification in laser-produced plasmas inferred from X-ray continuum measurements 1-11596
- Luther-Davies, B. see Del Pizzo, V. 1-2195
- Luthey, J.L. see Porter, L.D. 1-23267
- Luthi, B. Interaction of magnetic ions with phonons 1-42958
- Luthi, B. see Goto, T. 1-11835
- Luthi, B. see Lingner, C. 1-34560
- Luthi, B. see Niksch, M. 1-35299
- Luthi, B. see Takke, R. 1-20433
- Luthjens, L.H., Vermeulen, M.J.W., Hom, M.L. Optically isolated electronic trigger system for experiments on a subnanosecond time scale with a pulsed Van de Graaff electron accelerator 1-973
- Luthra, A. see Chaudhuri, K.D. 1-34707
- Luthra, K.L., Shores, D.A. Mechanism of Na₂SO₄ induced corrosion at 600°-900°C 1-21632
- Luthey, W., Wittmer, M. Medium power diodes with contacts formed by laser irradiation 1-20870
- Luthey, W. see Burkhard, P. 1-6547, 1-29271
- Luthey, W. see Gerber, T. 1-15243
- Luthey, W. see Roulet, M.E. 1-30851
- Luthey, W. see Wittmer, M. 1-16215
- Lutjens, G. see Chabaud, V. 1-50468
- Lutjens, G. see Chabaud, V. 1-10392
- Lutjens, G. see Daum, C. 1-14424, 1-28357
- Lutjens, G. see Gorlich, L. 1-5656
- Lutjens, G. see Sacharidis, E.J. 1-50469
- Lutjering, G. see Gysler, A. 1-31642
- Lutman, M.E. Real-ear calibration of ipsilateral acoustic reflex stimuli from five types of impedance meter 1-26972
- Luton, M.J. see Fritzsche, L. 1-12779
- Lutpallaer, S.L. see Angelov, N. 1-41150
- Lutpallaer, S.L. see Azimov, S.A. 1-36888, 1-36954
- Lutsik, V.A. see Andreev, G.B. 1-5770
- Lutsik, V.A. see Tmozov, A.P. 1-33254
- Lutsik, Ya.T. see Kislyi, P.S. 1-5318
- Lutsiv, R.V. see Levin, E.M. 1-30927
- Lutsiv-Shumskii, L.F. see Vlokh, O.G. 1-3372
- Lutskaia, L.F., Andreeva, L.P., Gel'd, P.V. Elastic characteristics of lower nickel silicide [Thermal properties and behaviour at Curie point] 1-38428
- Lutskii, A.E., Korunova, A.F., Islamov, R.G., Vetrov, V.A. Calculation of complexes with H bonds involving proton acceptors containing SO and SO₂ groups 1-37118
- Lutwack, R. see Chih-Tang Sah 1-53611
- Luty, F. see Durand, D. 1-3392, 1-21202
- Luty, F. see Gellerman, W. 1-29285
- Luty, F. see Kondo, Y. 1-39090
- Luty, F. see Morato, S.P. 1-21239, 1-26247
- Luty, T., van der Avoird, A., Berns, R.M. Lattice dynamics of solid N₂ with an ab initio intermolecular potential 1-38476
- Lutz, G. see Chabaud, V. 1-50468
- Lutz, G. see Chabaud, V. 1-10392
- Lutz, G. see Daum, C. 1-14424, 1-28357
- Lutz, G. see Gorlich, L. 1-5656
- Lutz, G. see Sacharidis, E.J. 1-50469
- Lutz, H. see Lynn, K.G. 1-21290
- Lutz, H.D., Kliche, G., Haueseler, H. Lattice vibration spectra. XXIV. Far-infrared reflection spectra, optical and dielectric constants, and effective charges of the pyrite type compounds FeS₂, MnS₂, MnSe₂, and MnTe₂ 1-52957
- Lutz, J. see Hildebrand, O. 1-52572
- Lutz, J.H. see Castor, J.I. 1-44572
- Lutz, O. see Balz, R. 1-16490
- Lutz, T.E., Uppgren, A.R. An analysis of parallaxes determined in two coordinates 1-9473
- Lutze, H. see Weber, H. 1-8521
- Luu, T.K. see Shen, M. 1-6637, 1-6638
- Luu Van Luong Strengthening of the magnetic field of a high-temperature, optically thin plasma in the process of radiative cooling. Case of a plane one-dimensional field 1-44526
- Luwel, M. see Severne, G. 1-17880
- Lux, B. see Banik, G. 1-8288, 1-16750
- Lux, B. see Lianos, P. 1-29024
- Lux, B. see Schmitt, T. 1-8300, 1-38509
- Lux, B. see Schreiner, M. 1-53383
- Lux, G., Keil, K., Taylor, G.J. Metamorphism of the H-group chondrites: implications from compositional and textural trends in chondrules 1-4835
- Lux, I. Variance and efficiency in Monte Carlo transport calculations 1-14569
- Lux, R.L., Lai, D.C. A novel signal representation of human EEG alpha rhythm with applications 1-4381
- Lux, R.L., Vincent, G.M., Merchant, M., Yanowitz, F. Application of electrocardiographic body surface potential mapping in treadmill testing for assessment of coronary artery disease 1-32304
- Lux, R.L. see Evans, A.K. 1-17519
- Luxen, A. see Lumbroso, H. 1-10866
- Luxmoore, R.J., Sharma, M.L. Runoff responses to soil heterogeneity: experimental and simulation comparisons for two contrasting watersheds 1-36006
- Luxon, J.T. An educational high-power laser laboratory 1-32820
- Luyckx, R. see Van der Haegen, R. 1-2602
- Luyken, D. Van see Van Luyen, D.
- Luyers, W.J.L. see Murray, A.F. 1-25674
- Luyten, J.R., Fieux, M., Gonella, J. Equatorial currents in the western Indian Ocean 1-27212
- Luz, Z., Genossar, J., Rudman, P.S. Identification of the diffusing atom in MgH₂ 1-4069
- Luzzan, E.G. see Myshkis, D.A. 1-29936
- Luzanov, A.V. see Blagoy, P. 1-14806
- Luzgin, S.N. Redistribution of the velocities of atoms induced by light 1-42130
- Luzhnov, M.I. see Ivanov, A.G. 1-31976
- Luzin, A.N., Tyushev, A.N. Sputtering of crystals and surface migration of atoms caused by slow-ion bombardment 1-26353
- Luzin, I.P. see Borishanskii, V.M. 1-29771
- Luzzati, F. Structure information retrieval from solution X-ray and neutron scattering experiments 1-38256
- Luzzati, V. see Ranck, J.L. 1-32091
- Luzzi, G. see Campaniello, A. 1-25332
- Luzzi, R., Vasconcellos, A.R. Response function theory for far-from-equilibrium statistical systems 1-36594
- Luzzi, R. see Vasconcellos, A.R. 1-34733
- L'vov, B.V., Pelieva, L.A. Determination of the energies of atomization of the gaseous alkali metal monocations by atomic-absorption spectrometry 1-353
- L'vov, B.V., Pelieva, L.A. Atomization energy and spectra of gaseous molecules of the monocations of calcium, strontium, and barium 1-1248
- L'vov, B.V., Pelieva, L.A. Determination of dissociation energy of rare-earth monocations by atomic absorption spectroscopy 1-4074
- L'vov, B.V., Pelieva, L.A. Determination of yttrium in steel by atomic absorption 1-21805
- L'vov, O.I. see Timoshchenko, V.N. 1-51969
- L'vov, V.N. On the joint determination of the differential right ascensions and declinations of radio sources on the RATAN-600 1-44660
- L'vov, V.S., Falkovich, G.E. Anisotropic spectra of weak sound turbulence 1-51954
- L'vov, V.S., Mikhailov, A.V. Contribution to the nonlinear theory of sound and hydrodynamic turbulence of a compressible liquid 1-51750
- L'vov, V.S., Predtechensky, A.A. On Landau and stochastic attractor pictures in the problem of transition to turbulence 1-51746
- L'vov, V.S. see Krugljak, Z.B. 1-42025
- L'vov, V.S. see Kuznetsov, E.A. 1-51748
- L'vov, Yu.M. see Vainshtein, B.K. 1-17342
- L'vova, T.B. see Smirnov, E.P. 1-53466
- Lwin, Y.N. see Ryan, E.A. 1-52180
- Ly, B.-L. An estimate of the maximum response of a parametrically excited linear system 1-23004
- Ly, D.P., Bellet, D., Boyer, P., Roques, C. Rheological behaviour of synovial fluids 1-53798
- Ly, D.P. see Gillard, B. 1-51831
- Lyabin, A.A., Sharikov, G.A., Kornitskiy, Ye.U., Volkov, V.V. Dielectric properties of MgO films prepared by different methods 1-16525
- Lyachov, S.B., Managadze, G.G. Observation of fluxes of electrons scattered by the atmosphere in the second Araks experiment 1-44374
- Lyadskaya, A.A. see Chernyi, Yu.F. 1-8304
- Lyafar, E.I. see Zaitsev, V.I. 1-34404
- Lyakh, G.E. see Chereyskovy, P.G. 1-47418
- Lyakhin, Yu.I. Rate of oxygen exchange between the ocean and the atmosphere 1-4542
- Lyakhov, A.V. see Beda, A.G. 1-10575
- Lyakhov, D.M. see Zubarev, P.V. 1-16835
- Lyakhov, G.A. see Arakelyan, S.M. 1-33750
- Lyakhov, G.M., Okhitin, V.N. Waves in a liquid containing gas bubbles and subject to bulk viscosity 1-33968
- Lyakhov, G.M., Sultanov, K.S. Longitudinal waves in linear viscoelastic media 1-9128
- Lyakhov, V.N. Nonstationary interaction of a shock wave with a blunt body in a supersonic flow 1-24841
- Lyakhov, V.N. see Vagramekova, Ya.A. 1-19770
- Lyakhova, L.N. see Gayvoronkaya, T.V. 1-4686
- Lyakhovich, A.N. see Gavaleshko, N.P. 1-31177
- Lyakutkin, A.V. Observation of the direct δ - α transformation in iron with the aid of magnetic susceptibility measurements 1-16036
- Lyalikova, R.Yu., Merkulov, A.I., Radautsan, S.I., Tezlevan, V.E. Determination of the nature and direction of dislocations in CdCr₂Se₄ from the shape and structure of etch pits 1-25280
- Lyalin, G.N. see Gaidarova, V.N. 1-4249
- Lyamov, V.E., Mamatova, T.A., Balboshina, Z.M. On acoustic wave refraction at the interface of trigonal crystals 1-25546
- Lyamov, V.E. see Baryshnikova, L.F. 1-52227
- Lyamov, V.E. see Beresina, S.I. 1-37747
- Lyamshev, L.M., Naugol'nykh, K.A. Optical sound generation 1-38469
- Lyando, V.A. see Biktimirov, R.S. 1-28102
- Lyapicheva, N.F. see Solonina, O.P. 1-16794
- Lyapidevski, V.K., Ryzanov, M.I. On the possibility of a coherent scintillator 1-26275
- Lyapidevskii, V.K. see Aleksandrov, A.A. 1-51038
- Lyapidevskii, V.K. see Averkiev, V.V. 1-3490
- Lyapidevskii, V.K. see Erokhin, A.A. 1-11601
- Lyapidevskii, V.K. see Volobuev, I.V. 1-11600
- Lyaptshev, A.V. Charge exchange of atoms in highly excited states on ions when accidental resonance is present 1-41488
- Lyapunov, V.T. see Barabanov, V.I. 1-37689
- Lyashchuk, O.B. see Kolodii, B.I. 1-37385
- Lyashenko, E.P., Raev, V.K. On the analysis of current-access bubble circuits 1-52814
- Lyashenko, N.I., Stakurski, L.L., Chevnyuk, L.V. Instability of spin waves in CdCr₂Se₄ under parallel pumping 1-16437
- Lyashenko, N.I., Stakurski, L.L., Chevnyuk, L.V., Aminov, T.G., Kalinnikov, V.T. Effect of UHF pulse length on instability threshold of spin waves in CdCr₂Se₄ 1-30933
- Lyashenko, V.I. see Balestra, F. 1-28504
- Lyashenko, V.N. see Alipchenov, V.M. 1-19949
- Lyashko, N.A. see Sagalevich, V.M. 1-32169 (Lyast), I. Last see Last (Lyast), I.
- Lyck, E. see Gryning, S.-E. 1-17642
- Lyczkowski, R.W. An analysis of why single pressure two-fluid two-phase unequal velocity model equations are not globally hyperbolic 1-5904
- Lydtin, H., Meyer, F. Review of techniques applied in optical fibre preparation 1-1730
- Lydtin, H. see Geitner, P. 1-6687
- Lydtin, H. see Koppers, D. 1-33841
- Lye, R.C., Phillips, J.C., Kaplan, D., Doniach, S., Hodgson, K.O. White lines in L-edge X-ray absorption spectra and their implications for anomalous diffraction studies of biological materials 1-53759
- Lyutskanov, D. see Tepavitcharov, A. 1-33890
- Lykasov, G.I. see Amelin, N.S. 1-41016
- Lykhin, V.A., Kruglov, V.S., Likhinan, Yu.N., Nigmatulin, A.S. Properties of superconducting coatings of certain chalcogenides of molybdenum 1-30871
- Lykoudis, P.S. see Wagner, L. 1-927

- Lykov, E.L.**, Starodubtsev, Yu.N., Druzhinin, V.V. Influence of surface state of sheets of anisotropic electrical steels on the sensitivity of magnetic losses to normal pressure [transformers] 1-52772
- Lykov, S.N.**, Chernik, I.A. Slow relaxation of the electrical resistance of indium-doped lead telluride 1-20746
- Lykov, V.A.** see Avrorin, E.N. 1-18884
- Lyle, J.N.**, Pitt, C.W. Vortex shedding fluid flow meter using optical fibre sensors 1-51883
- Lyman, J.** see Sherif, M.H. 1-22007, 1-35762
- Lyman, J.L.**, Radziemski, L.J., Jr., Nilsson, A.C. Pulse-probe measurements in the ν_2 band of SF₆ at low temperature and low pressure 1-19150
- Lyman, J.L.** see Cantrell, C.D. 1-13029
- Lyman, J.L.** see Hartford, A., Jr. 1-4105
- Lyman, J.T.** see Raju, M.R. 1-43915
- Lyman, J.T.** see Tenforde, T.S. 1-8922
- Lympany, S.D.** see Hopkirk, R.J. 1-53
- Lynch, B.R.**, Farish, O. Breakdown of supersonic streams of air and SF₆/N₂ mixtures 1-15591
- Lynch, D.C.** Activity of arsenic in copper 1-48675
- Lynch, D.C.**, Elliott, J.F. Analysis of the oxidation reactions of CaS 1-12906
- Lynch, D.C.**, Shokri, D. Evaluation of D(As₄-Ar) at 760 to 834 K 1-1488
- Lynch, D.W.** A model for interband electrodielectricity in polarized nearly-free-location metals, with application to Pb 1-52917
- Lynch, D.W.**, Olson, C.G., Peterman, D.J., Weaver, J.H. Optical properties of TiC₂ (0.64±0.09) from 0.1 to 30 eV 1-26232
- Lynch, D.W.** see Aspin, D.E. 1-48219
- Lynch, D.W.** see Kelson, S.M. 1-3430
- Lynch, D.W.** see Kelson, S.M. 1-31237
- Lynch, E.C.** see McIntire, L.V. 1-13272
- Lynch, F.E.** Operating characteristics of high performance commercial metal hydride heat exchangers 1-18236
- Lynch, G.F.** see Allan, C.J. 1-23833
- Lynch, G.R.** see Berge, J.P. 1-540
- Lynch, H.L.** Experimental aspects of quantum chromodynamics 1-14363
- Lynch, H.L.** An overview of QCD in relation to e^+e^- annihilation, and brief view of single particle spectra 1-45327
- Lynch, H.L.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Lynch, J.F.** The solution of hydrogen in TaV₂ 1-20389
- Lynch, J.F.**, Pitt, S.P., Pruitt, J.G. Side-lobe suppression versus phase error characteristics of multistage modulation scanning sonar systems 1-29467
- Lynch, J.F.** see Reilly, J.J. 1-2634
- Lynch, L.J.**, Webster, D.S. Proton spin-lattice relaxation of water associated with brown coal 1-21071
- Lynch, R.T., Jr.** Effect of screening tests on the lifetime statistics of injection lasers 1-19334
- Lynch, S.J.** see Holmes, J.A. 1-6930
- Lynch, S.P.** Liquid-metal embrittlement in an Al 6%Zn 3%Mg alloy 1-39408
- Lynch, T.** see Turquist, D. 1-25114
- Lynden-Bell, D.** On the Magellanic Stream, the mass of the Galaxy and the age of the Universe 1-9678
- Lynden-Bell, D.** see Baldwin, J.E. 1-4978
- Lyndin, N.M.**, Prokhorov, A.M., Sychugov, V.A., Shipilo, G.P. Integrated-optics strip modulators made of LiNbO₃ 1-1727
- Lynds, R.** see Beaman, D. 1-30068
- Lyneen, U.** A fast splitting of projectile-like fragments in the reaction ⁸⁶Kr-¹⁶⁶Er at 12.1 MeV/u 1-50638
- Lynga, G.** Clusters, associations and galactic structure 1-36346
- Lynga, G.** Our ageing Galaxy 1-44637
- Lynn, J.E.** HELIOS: The new Harwell electron linear accelerator, and its scientific programme 1-6059
- Lynn, J.E.**, Patrick, B.H., Sowerby, M.G., Bowey, E.M. Evaluation of differential nuclear data for americium isotopes, I. ²⁴¹Am 1-14527
- Lynn, J.E.** see Bjornholm, S. 1-28462
- Lynn, J.W.** Crystal field effects in magnetic superconductors 1-25845
- Lynn, J.W.**, Mook, H.A. Temperature dependence of the dynamic susceptibility of nickel 1-34873
- Lynn, J.W.**, Raggazini, A., Pynn, R., Joffrin, J. Observation of long range magnetic order in the reentrant superconductor HoMo₂S₈ 1-38910
- Lynn, J.W.**, Shirane, G., Thomsen, W., Shelton, R.N. Competition between ferromagnetism and superconductivity in HoMo₂S₈ 1-38911
- Lynn, K.G.**, Lutz, H. Slow positrons in single-crystal samples of Al and Al-Al₂O₃ 1-21290
- Lynn, P.A.** see Johnson, S.W. 1-44037
- Lyov, J.P.**, Michelsen, P., Pecseli, H.L., Rasmussen, J.J. Interaction between electron holes in a strongly magnetized plasma 1-19953
- Lyov, J.P.** see Karpman, V.I. 1-6960
- Lyo, S.K.** Time development of the spectral redistribution in disordered systems with a Lorentzian transfer rate: theoretical models and a Monte Carlo study 1-21267
- Lyo, S.K.** Nuclear spin relaxation in a spin-1/2 antiferromagnetic Heisenberg chain at high fields 1-34875
- Lyo, S.K.**, Orbach, R. Homogeneous fluorescence linewidths for amorphous hosts 1-21268
- Lyons, D.E., Jr.** see Biddick, C.J. 1-18532
- Lyons, E.F.** see Solomon, F.J. 1-53617
- Lyons, J.**, Brecht, S.H., Fedder, J.A., Palmadesso, P. The effects on the Earth's magnetotail from shocks in the solar wind 1-17735
- Lyons, J.E.**, Matteson, H.H., Marx, M.S. Metaco-contrast in the fovea 1-39936
- Lyons, J.G.** see Rowland, H.L. 1-38106
- Lyons, O.** Study of the structures of titanium-niobium (40 and 47 weight percent) alloys quenched and aged between 250 and 350°C 1-16812
- Lyons, R.H.** see Cann, R.G. 1-15347
- Lyons, R.H.** see Davis, D. 1-15328
- Lyons, R.J.P.** see Marsh, S.E. 1-32550
- Lyons-Caen, H.** see Deschamps, A. 1-44111, 1-44112
- Lyons, J.** see Hasselriis, F. 1-53530
- Lyons, J.A.**, Forsyth, D.A., Mair, J.A. Crustal studies in the La Malbaie Region, Quebec 1-44190
- Lyons, K.B.** see Friedman, J.M. 1-35742
- Lyons, L.P.R.** see Javaheerian, H. 1-37810
- Lyons, P.J.** see Hall, D. 1-20107
- Lyons, R.** see Mieras, H. 1-1464
- Lyons, W.** see Lioy, P.J. 1-53725
- Lyons, W.B.**, Fitzgerald, W.F. Trace metal fluxes to nearshore Long Island Sound sediments 1-4218
- Lyons, W.B.**, Wilson, K.M., Armstrong, P.B., Smith, G.M., Gaudette, H.E. Trace metal pore water geochemistry of nearshore Bermuda carbonate sediments 1-17583
- Lyons, W.B.** see Butler, D. 1-44214
- Lysak, L.I.** see Danil'chenko, V.E. 1-35257
- Lysak, M.** see MacLaughlin, D.E. 1-43024
- Lysak, R.L.** see Mozer, F.S. 1-13626
- Lysanova, G.V.** see Dzhurinskii, B.F. 1-39136
- Lysenko, G.N.** see Trokhimets, A.I. 1-33990
- Lysenkov, Y.T.**, Vlasov, G.A., Ovchinnikov, V.V. Improving the properties of welded joints in a VT20 alloy by local heat treatment with an electron beam 1-48401
- Lysenok, L.N.**, Vorob'eva, L.M. Chemical stability and bioreactivity of glasses for medical purposes 1-17051
- Lysikov, B.V.** see Selivanov, V.M. 1-36995
- Lyskov, V.A.** see Zubov, V.E. 1-43102
- Lyskovich, A.B.** Optical properties of cadmium halide compound layer crystals 1-12539
- Lyskovich, A.B.** see Averkiev, V.V. 1-3490
- Lyskovich, A.B.** see Bolesta, I.M. 1-43148
- Lyschenko, S.V.** see Zharkikh, Yu.S. 1-30772
- Lystsev, V.E.** see Gorodetskii, A.K. 1-13569
- Lystsev, V.E.** see Marov, M.Ya. 1-4802
- Lysykh, A.A.**, Yanson, I.K., Shklyarevskii, O.I., Naidyuk, Yu.G. Point-contact spectroscopy of electron-phonon interaction in alloys 1-11829
- Lyszyk, M.**, Herlemont, F., Lemaire, J. A waveguide CO₂ laser operating in a Gaussian mode: experimental analysis 1-51516
- Lytle, F.W.** see Sandstrom, D.R. 1-31228
- Lytle, J.D.** see Altman, R.M. 1-51574
- Lyttkens, J.** see Erlundson, B. 1-10324
- Lyttle, R.A.** Effect of solar radiation on a swarm of meteoric particles 1-22736
- Lyubarskii, G.Ya.** see Linetskii, A.R. 1-1005
- Lyubarskii, M.G.** see Blokh, Yu.P. 1-38117
- Lyubashevskii, G.S.** see Anfinogentov, V.I. 1-37688
- Lyubavin, L.Ya.** see Babkin, G.I. 1-18050
- Lyubavskaya, I.K.**, Serov, O.B., Smolovich, A.M. Effect of absorption of the recording beams on the diffraction efficiency on thick-film holograms 1-29237
- Lyubchenko, A.V.** see Vlasenko, A.I. 1-2993
- Lyubchenko, V.V.** see Kaminskii, A.A. 1-31167
- Lyubchik, B.G.** see Amirov, Yu.Ya. 1-23979
- Lyubimov, D.V.** see Gershon, G.Z. 1-37903
- Lyubimov, D.V.** see Lyubimova, T.P. 1-51823
- Lyubimov, G.A.** see Bituryn, V.A. 1-2251, 1-15668
- Lyubimov, G.P.**, Chuchkov, E.A. Behaviour of solar activity and of cosmic rays during 19th and 20th cycles 1-36144
- Lyubimov, G.P.** see Vernov, S.N. 1-4731
- Lyubimov, V.B.** see Abdrakhmanov, E.O. 1-722
- Lyubimov, V.B.** see Anoshin, A.I. 1-41149
- Lyubimov, V.M.** see Akopyan, S.T. 1-9100
- Lyubimov, V.N.** Elastic surface waves of the Bleustein-Gulyaev type in piezoelectric plates 1-30541
- Lyubimov, V.V.**, Sundukov, V.K., Kochetkova, Z.I., Kazakov, A.N. Experimental investigation of the mechanism of anodic solution of metals under surge voltage 1-43589
- Lyubimova, T.P.** Convective methods of a viscoplastic fluid in a rectangular region 1-19697
- Lyubimova, T.P.**, Lyubimov, D.V. Stationary convection of a viscoplastic liquid in a vertical layer 1-51823
- Lyubin, V.M.** see Aver'yanov, V.I. 1-42781
- Lyubiviy, A.G.** see Komarov, E.V. 1-10419
- Lyuboshits, V.I.** On the depolarization of fast particles travelling through matter 1-8152
- Lyubov, B.Ya.** see Altundzhi, V.S. 1-30403
- Lyubov, B.Ya.** see Guriev, K.A. 1-48568
- Lyubov, B.Ya.** see Kudinov, G.M. 1-7390
- Lyubutina, O.S.**, Kislakov, V.E., Kudryavtsev, B.A. The field of a capacitive tester for metallized fibers 1-35491
- Lyukcyutor, I.F.** Multicritical point of a two-dimensional incommensurate-crystal 1-30356
- Lyukov, V.V.** see Batusov, Yu.A. 1-41113
- Lyutikov, R.A.** see Shevchenko, A.S. 1-35412
- Lyutor, S.I.** see Abdrakhmanov, E.O. 1-722
- Lyutsanov, V.L.**, Tomov, I.V. Compact 1 MW fast discharge XeCl laser 1-15179
- Lyutyi, E.M.** The temperature relationship of the strength of group Va metals 1-35264
- Lyutyi, E.M.** see Maksimovich, G.G. 1-3861, 1-31507, 1-35331, 1-53246
- Lyutyi, V.M.** see Sharov, A.S. 1-4946, 1-44644
- Lyutyl, E.M.** see Maksimovich, G.G. 1-16881
- M.**, A. Flores see Flores M., A.
- M.** Kim Hong see Hong M. Kim
- Ma, B.M.**, Graham, C.D. Core loss measurement on FeBC amorphous alloys 1-12360
- Ma, C.** see Robertson, D.S. 1-44085
- Ma, C.M.** see Barber, D. 1-14407
- Ma, C.M.** see Barber, D.P. 1-534, 1-28309
- Ma, C.Q.** see Sahni, V. 1-38827
- Ma, C.Q.** Application of variational principles for single-particle expectation values to the metal surface problem 1-20845
- Ma, D.** see Ahmed, H.U. 1-41185
- Ma, D.A.** see Barber, D.P. 1-534, 1-28309
- Ma, E.** Mixing among fermion generations 1-14332
- Ma, E.**, Pakvasa, S., Simmons, W.A. Quark-number selection rule for nonleptonic weak decays 1-10204
- Ma, E.**, Pakvasa, S., Tuan, S.F. Comment on Riazuddin's weak-interaction model 1-33105
- Ma, H.L.** see Luo, Y. 1-8440
- Ma, M.-S.** see Fodor, R.V. 1-9437
- Ma, R.Y.P.**, Clark, J.A., Cornish, L.S., Li, H.F., Chan, F.H.Y. Engineers' contributions to biomedical engineering projects at the University of Hong Kong 1-4376
- Ma, R.Y.P.**, Sykes, J.L., Cornish, L.S., Lau, S.H., Leung, T.M., Leong, J.C.Y. Tibial lengthening apparatus with distractive force measurement system 1-32310
- Ma, S.-K.** see Dasgupta, C. 1-3203
- Ma, S.S.** see Chaudhuri, C. 1-2175
- Ma, T.-C.**, Scott, R.A., Yang, W.H. Harmonic wave propagation in an infinite elastic medium with a periodic array of cylindrical pores 1-19611
- Ma, T.P.**, Chin, M.R. RF annealing mechanisms in metal-oxide-semiconductor structures—an experimental simulation 1-16371
- Ma, T.P.** see Lai, S.K. 1-47746
- Ma, T.P.** see Pan, C.A. 1-25794, 1-47405
- Ma, Z.Y.**, Wu, X.Z., Zhang, G.S., Cho, Y.C., Wang, Y.S., Chiou, J.H., Sen, S.T., Yang, F.C., Rasmussen, J.O. Calculation of muon final-state probabilities after muon-induced fission 1-18691
- Ma Cheng-wu** see Luo Zu-yu 1-32196
- Ma Chih-Cheng** see Chih-Cheng Ma
- Ma Dayou**, Li Peizi, Dai Genhua, Wang Hongyu Experimental investigations on shock-associated noise 1-33953
- Ma Dong Sung** see Dong Sung Ma
- Ma Fu-sheng** see Xu Rong-lan 1-22619
- Ma I-Chang** see I-Chang Ma
- Ma Ji-pu**, Ke Xiao-qin A class of smooth operators and ϵ -plane functions and difference scheme for evaluating partial derivatives [weather forecasting] 1-27242
- Ma Shang-keng** see Shang-keng Ma
- Ma Sung, L.S.**, Gloeckler, G., Fan, C.Y., Hovestadt, D. Observations of the mean ionization states of energetic particles in the vicinity of the Earth's magnetosphere 1-40272
- Ma Wen-yi** see Hu Bo-qing 1-3377
- Ma Xiao-hua** see Cheng Peng-zhu 1-50274
- Ma Yu-Qian** see Chen Ying-Xuan 1-45789
- Ma Zhen-hua** see Yang Pei-cai 1-54212
- Ma Zhong-Qi**, Dong Fang-Xiao, Yue Zong-Wu, Zhou Xian-Jian, Xue Pei-Yu D⁰-meson decays $\Gamma(D^0 \rightarrow K^+ K^-) / \Gamma(D^0 \rightarrow \pi^+ \pi^-) = 1-45272$
- Ma Zhong-qin** see Zhong-qin Ma
- Ma Zhong-yu** see Zhou Yi-zhong 1-18671
- Maack Bisgaard, T.** see Hojgaard Jensen, H. 1-33985
- Maak, P.Y.Y.**, Weatherly, G.C., Aust, K.T. The sintering behaviour of internally oxidized Ag-Sb powder 1-8250
- Maalampi, J.**, Enqvist, K. Neutrino masses and the unification of the SO(10) families 1-18416
- Maalampi, J.** see Enqvist, K. 1-10105

- Maan, J.C. see Bluyssen, H.J.A. 1-3263, 1-29264
- Maanen, H.R.E. van see van Maanen, H.R.E.
- Maanen, H.R.E. van see Van Maanen, H.R.E.
- Maaren, M.H. van see van Maaren, M.H.
- Maarros, A.A. see Kynar, T.N. 1-21282
- Maartense, I., Searle, C.W. Magnetic transition temperatures of ion-implanted layers on bubble garnet films 1-38958
- Maartense, I. see Ho, S.C. 1-47866
- Maas, E.T., Jr. see Horsley, J.A. 1-10794
- Maas, H., Sur, L. Metrological bases of the temperature measurement in the low temperature range - The 1976 provisional 0.5K to 30K temperature scale and its representation in the ASM W 1-40785
- Maas, J.H. van der see van der Maas, J.H.
- Maaskant, P.P. see Algra, A.J. 1-26346
- Maaskant, W.J.A. see Van Der Vorst, C.P.J.M. 1-25214
- Maaswinkel, A.G.M. Second harmonic generation accompanying linear mode conversion in a laser-produced plasma 1-15223
- Maatta, T. see Kuikkaanniemi, H. 1-43884
- Maaz, G., Stieve, H. The correlation of the receptor potential with the light induced transient increase in intracellular calcium-concentration measured by absorption change of arsenazo III injected into Limulus ventral nerve photoreceptor cell 1-22009
- Mabatah, A.K. see Kwizera, P. 1-47460
- Mabbitt, A.W. see Ahmad, K. 1-11172
- Mabru, M. see Brunet, H. 1-41678
- Mabuchi, M. see Hasegawa, H. 1-9933, 1-23133
- Mabuchi, M. see Otsuka, A. 1-3895
- McAdam, J.H. Tatter flags and climate in the Falkland Islands 1-49375
- McAdams, R., Hollywood, M.T., Crowe, A., Williams, J.F. Alignment and orientation of the 2P state of helium by electron impact at 29.6 and 51.2 eV 1-6390
- Mcadoo, D.J., Barbalas, M.P. A dominant metastable decomposition of a non-isomerized ion by a higher-energy pathway 1-17038
- McAfee, K.B. see Johnson, R.E. 1-41490
- McAfee, K.B., Jr. see Szmanda, C.R. 1-41489
- McAffer, N.T.C. see Bainbridge, A. 1-28587
- McAlary, C.W., McLaren, R.A. Infrared spectro-photometry of SS 433 1-22810
- McAlister, H.A. Speckle interferometry of the spectroscopic/astrometric binary chi Draconis 1-9569
- McAlister, H.A., Fekel, F.C. Speckle interferometric measurements of binary stars. V 1-9576
- McAlister, S.P. see Hurd, C.M. 1-7591, 1-42981
- McAllister, D. see Lees, P. 1-24312
- Macander, A., Silvergleit, M., Edelstein, H.P. Marine durability of a graphite/epoxy composite subjected to static and fatigue loading 1-39456
- McAndrew, G. see Ake, T.N. 1-50852
- McArdle, F.J. see Williams, E.D. 1-53912
- McArthur, A.J. see Campbell, G.S. 1-8821
- McArthur, J.W., Finn-Carlson, D.W., Nguyen, K.H. A regional evaluation of the annual cycle energy system 1-39735
- McArthur, J.W., Finn-Carlson, D.W., Nguyen, K.H. Reducing residential fuel consumption through cost-effective interseasonal energy transfer 1-21843
- McArthur, L.B., Hay, J.E. An assessment of the techniques for determining the distribution of diffuse solar radiance for the sky hemisphere 1-31989
- McAssey, E. see Reddan, W. 1-933
- McAulay, I.R., Colgan, P.A. γ -ray background radiation measurement in Ireland 1-22136
- McAuliffe, M. see Dupuy, C. 1-33520
- Macbeth, A. see Bartel, W. 1-18500
- Macbeth, A. see O'Neill, L.H., Jr. 1-50443
- Macbeth, A.A. see Bartel, W. 1-45253, 1-45254
- Macbeth, P.J., Rogers, V.C., Sandquist, G.M. Cost-benefit determination of optimum low-level waste burial depth 1-45645
- Macbeth, P.J. see Thamer, B.J. 1-850
- Macbeth, R.V. A proposal for the use of direct contact heat recuperation in nuclear reactor powered gas turbine plant 1-33341
- McBirney, R.E. see Kemp, J.C. 1-54543
- McBreen, B. see Fegan, D.J. 1-9727
- McBreen, J., Kissel, G., Kordesch, K.V., Kulesa, F., Taylor, E.J., Gannon, E., Srinivasan, S. Improved alkaline hydrogen/air fuel cells for transportation applications 1-48831
- McBreen, P. see DiLella, D.P. 1-25553
- McBride, J.L., Gray, W.M. Mass divergence in tropical weather systems. I. Diurnal variation 1-22460
- McBride, J.L., Gray, W.M. Mass divergence in tropical weather systems. II. Large-scale controls on convection 1-22461
- McBrierty, V.J. Heterogeneity in polymers as studied by nuclear magnetic resonance 1-31037
- McBryan, O. see Glimm, J. 1-51864
- Macca, C. see Sacchetto, G.A. 1-53460
- McCabe, D.E. see Landes, J.D. 1-48641
- McCafferty, R.H. see Somers, R.R., II. 1-48905
- McCafferty, A.J. see McCormack, J. 1-10824
- Maccagni, D., Tarenghi, M. X-ray observations of six BL Lacertae fields 1-54602
- McCal, D. see LeBritton, J. 1-45299
- McCal, D. see Youngquist, R. 1-5650
- McCaldin, J.O., McGill, T.C. The metal-semiconductor interface 1-38850
- McCall, A., Hough, J.H. Near infrared polarimetry of cool stars 1-9489
- McCall, G.J.H. Impact and volcanism in planetology: the state of the 'lunar controversy' in 1979 1-4787
- McCall, M.J. see Seyfert, P. 1-52380
- McCall, M.L. Big grains in the Orion Nebula 1-44615
- McCall, M.L. see Buta, R.J. 1-27597
- McCall, M.L. see Cochran, A.L. 1-49577
- McCall, R.P. see Cochran, W.T. 1-16139
- McCall, S.L., Platzman, P.M. Raman scattering from chemisorbed molecules at surfaces 1-3406
- McCall, S.L. see Chu, S. 1-31187
- McCall, S.L. see Gibbs, H.M. 1-1617
- McCall, S.L. see Passner, A. 1-29275
- McCallum, A. see Diaz, R. 1-22159
- MacCallum, C.J. see Leventhal, M. 1-5004, 1-9726
- MacCallum, M. The mathematics of anisotropic spatially-homogeneous cosmologies 1-54678
- MacCallum, M.A.H. Anisotropic and inhomogeneous relativistic cosmologies 1-22939
- McCahey, D.A., Niemczyk, T.M. Interferences in sputter-atomization atomic absorption spectroscopy 1-17117
- McCammon, J.A. see Karplus, M. 1-8803
- McCammon, J.A. see Northrup, S.H. 1-8805
- McCammon, J.A. see Pear, M.R. 1-24300
- McCann, D.M., Peckerar, M.C., Mend, W., Schwartz, D.A., Griffiths, R.E., Polucci, G., Zombeck, M.V. Area array X-ray sensors 1-5388
- McCann, H. see Bartel, W. 1-18500, 1-45253, 1-45254
- McCann, H. see O'Neill, L.H., Jr. 1-50443
- McCann, J.F., Skyllas Kazacos, M., Haneman, D. Temperature dependence for the power outputs on n-CdSe liquid junction cells 1-48906
- McCann, J.F. see Kazacos, M.S. 1-48869
- McCanney, J.M. Continuing galactic formation: a new concept of galactic evolution 1-40560
- Maccarrone, G.D., Recami, E. Comments on 'farewell to tachyons?' 1-18006
- Maccarrone, G.D. see Caldirola, P. 1-9831
- McCarthy, C.M., Tompson, C.W. Magnetic structure of NdB₂ 1-30915
- McCarthy, C.M., Tompson, C.W., Graves, R.J., White, H.W., Fisk, Z., Ott, H.R. Low temperature phase transitions and magnetic structure of PrB₂ 1-38936
- McCarthy, D.C. see Fowkes, F.M. 1-30522
- McCarthy, D.D. see Johnston, K.J. 1-49196
- McCarthy, D.D., Pilkington, J.D.H. (editor) International Astronomical Union Symposium. No. 82. Time and the Earth's Rotation. Proceedings of the 82nd Symposium of the International Astronomical Union 1-40606
- McCarthy, D.J. Space Telescope optical telescope assembly 1-32626
- McCarthy, G.J. see Pepin, J.G. 1-30205
- McCarthy, G.J., Rhyne, J.J., Silber, H.B. (editor) Rare Earths in Modern Science and Technology, vol. 2. Proceedings of the 14th Rare Earth Research Conference 1-22953
- McCarthy, I.D., Sharafi, A., Oxy, C.B., Burkinshaw, L. The accuracy of total body nitrogen determined by neutron activation analysis 1-8997
- McCarthy, I.E., Saha, B.C., Stelbovics, A.T. Explicit optical model for the e-H entrance channel 1-24258
- McCarthy, J.F., Forrest, W.J., Briotta, D.A., Jr., Houck, J.R. The galactic center: 16-30 micron observations and the 18 micron extinction 1-49835
- McCarthy, J.F. see Forrest, W.J. 1-13835
- McCarthy, J.F. see Houck, J.R. 1-49810
- McCarthy, J.S. see Papanicolaou, C.N. 1-50547
- McCarthy, M.F. Criteria and applications for spectral classification outside the MK domain 1-54482
- McCarthy, M.F. see Blanco, V.M. 1-49803
- McCarthy, S.L., Lambe, J. Thin-film electroluminescence in impurity-doped Al₂O₃ 1-8136
- McCarthy, S.L. see Eagen, C.F. 1-10770
- McCartney, D.G., Jordan, R.M., Hunt, J.D. The structures expected in a simple ternary eutectic system. I. Theory 1-8295
- McCartney, D.G., Jordan, R.M., Hunt, J.D. The structures expected in a simple ternary eutectic system. II. The Al-Ag-Cu ternary system 1-8296
- McCartney, E.R. see Bedwell, I.R. 1-17210
- McCartney, L.N. see Kelly, A. 1-43558
- McCarthy, R.D. see Younglove, B.A. 1-46846
- McCaughan, D.V., Sloane, R.H., Geddes, J. Secondary ions from hydrogen ion bombardment of metal surfaces 1-3552
- MacChesney, J.B. Materials and processes for pre-form fabrication - modified chemical vapor deposition and plasma chemical vapor deposition 1-11186
- Macchetto, F., van de Hulst, H.C., di Serego Alighieri, S., H.C., Perryman, M.A.C. The faint object camera for the space telescope 1-17770
- Macchi, E. see Casci, C. 1-48896
- Macchi, E.M., Barrantes, F.J., Rigotti, G.E. Molecular motions in a solid-solid transition of sodium dodecylsulphate [biomembrane component] 1-30213
- Macchi, M.J. Identification of vowels spoken in isolation versus vowels spoken in consonantal context 1-29477
- Macciarella, G. see Attisani, A. 1-22377
- McClain, F.W. see Jensen, T.H. 1-42182
- McClain, P. see Baker, D.J., Jr. 1-13562
- McClain, W.M. see Vasudev, R. 1-29012
- McClaine, A.W. see Kessler, R. 1-13147
- McClatchey, R. see Adamovich, M.I. 1-45317
- McClatchey, R. see Fiorino, A. 1-50583
- McCleese, D.J. see Margolis, J.S. 1-40224
- McClelland, M.R. see D'Amico, K.L. 1-17102
- McClelland, R.O., Hahn, F.B., Snipes, M.B., Cudihy, R.G., Boecker, B.F. Metabolism and somatic effects of beta-emitting radionuclides 1-53832
- McClelland, R.O. see Runkle, G.E. 1-9045
- McClelland, H.T. see Filer, E.W. 1-43404
- McClelland, J. see Kallne, J. 1-18686
- McClelland, J.B., Carroll, J.B., Igo, G.J., Oostens, J., Brochard, F., Perez-Mendez, V., Sagle, A.L., Talaga, R., Whipple, E.T.B., Zardakhsh, F. Search for quark effects in the d-⁴He system 1-28485
- McClelland, J.B. see Wriekat, A. 1-23659
- McClelland, R.W., Bozler, C.O., Fan, J.C.C. A technique for producing epitaxial films on reusable substrates 1-8229
- McClennan, M.R. see Sayers, M.J. 1-12622
- McClenny, W.A., Bennett, C.A., Jr. Integrative technique for detection of atmospheric ammonia 1-4235
- McClenny, W.A., Bennett, C.A., Jr., Russwurm, G.M., Richmond, R. Helmholtz resonator enhancement of photoacoustic signals 1-45025
- McClenny, W.A. see Stevens, R.K. 1-53732
- McClintock, F.A., Clerico, M. The transverse shearing of singly-grooved specimens 1-11350
- McClintock, J.E. see Li, F.K. 1-17907
- McClintock, J.E. see Remillard, R.A. 1-9479
- McCloy, D. Some aspects of the propagation of ultrasonic beams in steady and unsteady fluid streams 1-29807
- McClung, R.E.D. The Fokker-Planck-Langevin model for rotational Brownian motion. I. General theory 1-175
- McClung, R.E.D. see Levi, G. 1-176
- McClure, D.S. see Pedrini, C. 1-52600
- McClure, J.P. see Basu, S. 1-17733
- McClure, M. see Sopori, B.L. 1-48540
- McClure, R.D., Twarog, B.A., Forrester, W.T. The old open cluster NGC 2506 and its similarity to NGC 2420 1-54561
- McClure, R.D. see Demarque, P. 1-44634
- McClure, R.E. An electrical equivalent circuit for the transverse magneto-optic effect in thin magnetic films 1-12478
- McClure, W.F. see Giesbrecht, F.G. 1-50222
- McClurkin, J.L. see Taylor, D.S. 1-50876
- McClurkin, R.H., Hall, J.W., III Pitch and timbre in a two-tone dichotic auditory illusion 1-49009
- McCluskey, G.E. see Kondo, Y. 1-27559
- McCluskey, G.E., Jr. see Drechsel, H. 1-54548
- McCluskey, R. see Di Gennaro, V. 1-5660
- McColl, I.R. see Morley, J.G. 1-48459
- McColl, W.D. see Jain, S.C. 1-22373
- McCollum, B.C. see Andrews, L.J. 1-1164
- McCollum, D.C. see Johanson, W.R. 1-12318
- McColm, I.J. see Bourne, D.R. 1-25366
- McComb, T.R., Cherney, E.A., Linck, H., Janischewsky, W. Preliminary measurements of lightning flashes to the C.N. Tower in Toronto 1-9205
- McCombe, B.D., Cole, T. Intersubband spectroscopy of inversion layers in the principal surfaces of silicon: many-body and 'impurity' effects 1-12506
- McCombe, B.D. see Bloss, W.L. 1-52509
- McCombe, B.D. see Cole, T. 1-48068
- McCombe, B.D. see Wagner, R.J. 1-3264
- McCombie, C. see Schmocker, U. 1-28606
- McCombie, J. see Grinther, R. 1-41532
- McConachie, P.J. The distribution of convection velocities in turbulent pipe flow 1-51870
- McConaghy, D.C. Geographic location of individual pixels 1-35988
- Maccone, C. Eigenfunction expansion for fractional Brownian motions 1-50050
- McConkey, J.W. see King, G.C. 1-10853
- McConnell, D., Ellis, G.R.A. Fine structure in fast drift storm bursts 1-54465
- McConnell, H.M. see Smith, L.M. 1-32186
- McConnell, J. Spectral densities of spherical harmonics for rotational Brownian motion 1-180

- McConnell, J.C., Sandel, B.R., Broadfoot, A.L. Airglow from Jupiter's nightside and crescent: ultraviolet spectrometer observations from Voyager 2 1-22714
- McConnell, J.D.C. *see* Wilson, S.J. 1-26735, 1-35232
- McConnell, J.W. *see* Dickens, J.K. 1-41153, 1-45548
- McConnell, P., Hawbolt, E.B. A strain age study of acicular ferrite X-70 pipeline steels 1-43386
- McCord, T.B. *see* Clark, R.N. 1-22720
- McCordick, J. *see* Friedt, J.M. 1-12442
- McCorkle, D.L. *see* Szamrej, I. 1-37346
- McCorkle, K.H., Jr. *see* Cheng, E.T. 1-50945
- McCorkle, R.A., Penebre, N. Cathode-fall ion source 1-51012
- McCormack, J., McCaffery, A.J. Collision dynamics of excited NaK. II. Rotationally inelastic energy transfer 1-10824
- McCormick, G.C. Polarization errors in a two-channel system 1-54206
- McCormick, J., *see* Sherman, A. 1-44939
- McCormick, N.J., Sanchez, R. Inverse problem transport calculations for anisotropic scattering coefficients 1-50074
- McCormick, N.J. *see* Reynolds, L.O. 1-10918
- McCormick-Barger, J.W., Sumpter, K.C. Radioactive gas and hydrogen removal after a LOCE at the LOFT facility 1-28660
- McCown, J.J., Barton, G.B., Bloom, G.R., Meadows, G.E., Mettler, G.W. FFTF sodium and cover-gas chemistry 1-18726
- McCoy, B.M., Tai Tsun Wu Non-linear partial difference equations for the two-spin correlation function of the two-dimensional Ising model 1-40932
- McCoy, B.M., Wu, T.T. Some properties of the non-linear partial difference equation for the Ising-model correlation function 1-20945
- McCoy, B.M. *see* Gaudin, M. 1-44860
- McCoy, B.M. *see* Youngblood, R.W. 1-7297
- McCoy, D.G. *see* Lewis, B.R. 1-1284
- McCoy, D.R. *see* Gelbard, E.M. 1-45575
- McCoy, G.L. *see* Reynolds, D.C. 1-8113
- McCoy, J.J. Volume scattering limitations on towed array design [acoustic wave propagation] 1-29446
- McCoy, M.G. *see* Harvey, R.W. 1-51914
- McCoy, R.D. *see* Springer, T.A. 1-31969
- McCoy, R.J. *see* Nakahara, S. 1-16195
- McCracken, A.K. Few-channel unfolding in shielding—the SENSAC code 1-50986
- McCracken, C.W. *see* Feibelman, W.A. 1-22860
- McCracken, G.M. A review of the experimental evidence for arcing and sputtering in Tokamaks 1-25021
- McCracken, G.M. *see* Cohen, S.A. 1-50928
- McCracken, G.M. *see* Erents, S.K. 1-25056
- McCracken, G.M. *see* Goodall, D.H.J. 1-29908
- McCracken, G.M. *see* Meservy, E.B. 1-24992
- McCracken, G.M. *see* Shea, J.H. 1-25042
- McCracken, G.M. *see* Wampler, W.R. 1-25029
- McCracken, M.S. Microprocessor system for automated sensory irritation studies 1-32295
- McCracken, R.T., Grimesey, R.A. An albedo technique for dose rates in cylindrical annular voids 1-50967
- McCray, R. *see* Conti, P.S. 1-4915
- McCray, R. *see* Davidson, K. 1-49670
- McCray, R. *see* Kallman, T. 1-49484
- McCrea, J.J. *see* Dhillon, B.S. 1-22963
- McCrea, W.H. The first stars 1-17917
- McCrea, W.H. Long time-scale fluctuations in the evolution of the Earth 1-44193
- McCrea, W.H. *see* Davidson, W. 1-40583
- McCrone, R.K., Homan, C.G. Paramagnetic properties in pressure quenched CdS 1-3138
- McCrone, R.K. *see* Herman, H. 1-21587
- McCrone, R.K. *see* Homan, C. 1-3137
- McCroy, R.L., Montierth, L., Morse, R.L., Verdon, C.P. Nonlinear evolution of ablation-driven Rayleigh-Taylor instability 1-38128
- McCroy, R.L., Orszag, S.A. Spectral methods for multi-dimensional diffusion problems 1-197
- McCrumb, J.L., Rakshit, A.B., Warneck, P. Reactions of N_2^+ ions with a variety of neutral molecules 1-8537
- McCrumb, J.L., Warneck, P. Some reactions of N_2^+ , H_2O^+ ions 1-39597
- McCubbin, N.A. *see* Cockerill, D. 1-14742
- McCubbin, T.K., Jr. *see* Rubin, B. 1-51204
- McCue, J.C. The commercial development of the H_2 YCELL—a rare earth metal hydride storage device 1-21935
- McCullagh, G.C. *see* Ward, W.D. 1-24594
- McCullen, J.D. *see* Jones, D.W. 1-1059
- McCulloch, J. *see* Evseev, V.S. 1-50658
- McCulloch, L. *see* Berset, J.C. 1-14777
- McCulloch, M.G. *see* Batchelor, R.A. 1-54595
- McCulloch, P.M. *see* Komarov, M.M. 1-27418
- McCullough, C.E. *see* Shaffer, M.J. 1-22156
- McCullum, D. *see* Graves, G.A. 1-29355
- McCurdy, A.K. Phonon focusing and phonon conduction in elastically anisotropic crystals 1-15981
- McCurdy, C.W., Miller, W.H. Progress in the application of classical S-matrix theory to inelastic collision processes 1-1314
- McCurdy, C.W., Rescigno, T.N., Davidson, E.R., Lauderdale, J.G. Applicability of self-consistent field techniques based on the complex coordinate method to metastable electronic states 1-1065
- McCurdy, C.W. *see* Rescigno, T.N. 1-33405
- McCurdy, H.C. *see* Johnson, R.L. 1-990
- McCurrie, R.A., Jackson, S. Rotational hysteresis and magnetization curling of elongated single-domain particles in Alnico permanent magnets 1-12352
- McCusker, S. Buchwald *see* Buchwald McCusker, S.
- McCutcheon, E.P. *see* Bhattacharya, A. 1-53806
- McDaniel, D.H. *see* Williams, R.R. 1-33358
- McDaniel, E.W. *see* Eisele, F.L. 1-2136
- McDaniel, E.W. *see* Thackston, M.G. 1-2137
- McDaniel, F.D. *see* Johnson, D.E. 1-17944
- McDaniel, F.D. *see* Lapicki, G. 1-15001
- McDermott, D.B., Marshall, T.C. The collective free-electron laser 1-15139
- McDermott, E.E. Applied sensimetry. The key to high quality images 1-5418
- McDermott, L.C. *see* Trowbridge, D.E. 1-27697, 1-49898
- McDermott, W.E. The oxygen-iodine chemical laser 1-46328
- MacDiarmid, A.G., Heeger, A.J. Organic metals and semiconductors: the chemistry of polycetylene, $(CH)_x$, and its derivatives 1-52553
- MacDiarmid, A.G. *see* Heeger, A.J. 1-42771, 1-52167
- MacDiarmid, A.G. *see* Moses, D. 1-7353
- MacDiarmid, A.G. *see* Ozaki, M. 1-2981
- MacDiarmid, A.G. *see* Suzuki, N. 1-21245
- MacDiarmid, A.G. *see* Thomas, H.R. 1-35146
- MacDiarmid, A.G. *see* Waldrop, J.R. 1-47730
- MacDiarmid, R. On the optical energies and symmetries of MoF_6 , WF_6 and ReF_6 1-28848
- MacDiarmid, R., Auerbach, A. Four-photon resonant multiphoton ionization spectroscopy 1-29048
- MacDiarmid, R., Doering, J.P. Anomalous V_1 -N vibrational band intensities in the low energy electron impact spectra of trans-dienes 1-24105
- MacDiarmid, R. *see* Auerbach, A. 1-2053
- MacDiarmid, R. *see* Doering, J.P. 1-15022
- MacDonagh, C.M., Henderson, B., Imbusch, G.F. Optical detection of magnetic resonance in the vibronic sidebands of R and N lines in $MgO:Cr^{2+}$ 1-21085
- MacDonagh, C.M. *see* Henderson, B. 1-16505
- MacDonald, A.H. *see* Taylor, R. 1-7272, 1-42548
- MacDonald, B.E. *see* Keskinen, M.J. 1-4690
- Macdonald, C.G., Lacey, M.J. Broadening effects on the mass resolution of metastable peaks 1-28111
- MacDonald, D.B. *see* Rice, J. 1-12566
- Macdonald, D.D. *see* McKubre, M.C.H. 1-53591
- MacDonald, D.G. Superconducting electronics 1-42916
- MacDonald, F.B., Schardt, A.W., Trainor, J.H. If you've seen one magnetosphere, you haven't seen them all: energetic particle observations in the Saturn magnetosphere 1-40397
- MacDonald, G. A preliminary study of a solar selective coating system using a black cobalt oxide for high temperature solar collectors 1-13177
- MacDonald, G., Hendricks, R.C. Effect of thermal cycling on ZrO_2 - Y_2O_3 thermal barrier coatings 1-31633
- Macdonald, G.H. *see* Little, L.T. 1-9635
- Macdonald, I.H. *see* Hoodless, D.J. 1-4378
- Macdonald, I.R. *see* Hinchliffe, A. 1-46052
- Macdonald, I.R. *see* Impey, R.W. 1-42285
- Macdonald, I.R. *see* Klein, M.L. 1-42287, 1-52239
- Macdonald, I.R. *see* Murthy, C.S. 1-2576, 1-37294
- Macdonald, J. *see* Bailey, M.E. 1-36413, 1-49840
- Macdonald, J.C., I-Chang Ma, Liang, J., Eenmaa, J., Awaschalom, M., Smathers, J.B., Graves, R., August, L.S., Shapiro, P. Calorimetric and ionimetric dosimetry intercomparisons. I. US neutron radiotherapy centers 1-44007
- Macdonald, J.C., I-Chang Ma, Mijnhagen, B.J., Zoetelief, H. Calorimetric and ionimetric dosimetry intercomparisons. II. d-T neutron source at the Antoni Van Leeuwenhoek hospital 1-44008
- Macdonald, J.C.F. *see* Jhanwar, B.L. 1-51244
- Macdonald, J.C.F. *see* Sharma, P.D. 1-44002
- Macdonald, J.D. *see* Chaiken, J. 1-37241, 1-37242
- Macdonald, J.D. *see* Gurnick, M. 1-37240, 1-37312
- Macdonald, J.D. *see* Hudgens, J.W. 1-46011
- Macdonald, J.R., Franceschetti, D.R., Lehnen, A.P. Interfacial space charge and capacitance in ionic crystals: intrinsic conductors 1-39035
- Macdonald, J.R., Kenan, W.R., Jr. Interface effects in the electrical response of non-metallic conducting solids and liquids 1-52907
- Macdonald, J.R. *see* Jackman, T.E. 1-16647
- McDonald, J.R. *see* Pasternack, L. 1-4067
- McDonald, J.R. *see* Sanders, N.D. 1-39607
- MacDonald, K.C. *see* Lupton, J.E. 1-13489
- McDonald, K.T. *see* Chiang, I-H. 1-45353
- McDonald, M. *see* Alpen, E.L. 1-26961
- MacDonald, P.E., Smith, R.H. An empirical model of the effects of pellet cracking on the thermal conductivity of UO_2 light water reactor fuel 1-18749
- MacDonald, R.A., Mountain, R.D. High temperature crystals: limitations on the phonon description 1-16060
- MacDonald, R.D., Lipsett, J.J. The behaviour of defected Zircaloy-clad UO_2 fuel elements with graphite coatings between fuel and sheath irradiated at linear powers of 48 kW/m in pressurized water 1-28608
- MacDonald, R.D., Semeniuk, D.D. Graphite-sheathed fuel elements irradiated in superheated steam coolant 1-23774
- Macdonald, R.D. *see* Grill, E.V. 1-40116
- MacDonald, R.I. High gain optical detection with GaAs field effect transistors 1-45003
- Macdonald, R.J. *see* Loxton, C.M. 1-39208
- MacDonald, R.J. *see* O'Connor, D.J. 1-26351
- MacDonald, S.A., Andrews, L. Matrix reactions of Zn, Cd and Mg atoms with NO_2 . Infrared spectra of $M^+NO_2^+$ species 1-1220
- Macdonald, W.D. Anomalous paleomagnetic directions in Late Tertiary andesitic intrusions of the Cauca depression, Colombian Andes 1-17561
- McDonnell, J.L., Chilton, P.D., Kufahl, G.E., Vergari, A.A. Evaluation and analysis of USNRC material accounting to support an upgrade rule reducing the threat of insider falsification 1-18755
- McDonnell, M.E., Jamieson, A.M. Application of the porous-sphere hydrodynamic model to dilute polymer solutions 1-34496
- McDonnell, M.E., Johnson, E.J. Multiple-beam laser velocimeter. Analysis and applications 1-6595
- McDonough, M., Deane, G. Preliminary results of an evaluation of the landuse and geologic data content of Seasat imagery 1-54290
- McDonough, T.R. *see* Klore, A.J. 1-40401
- McDonough, W.J. *see* Rice, R.W. 1-39432
- MacDoran, P.F. *see* Fanslow, J.L. 1-49195
- McDougall, G.J. *see* Hancock, R.D. 1-13030
- McDougall, J. *see* Tetley, N. 1-44321
- McDougall, J.D. *see* Carlson, R.W. 1-35980
- McDougall, J.D. *see* Finkel, R.C. 1-17577
- McDougall, N.A. Information on the QCD phase transition and the vacuum permeability from the interquark potential 1-30388
- McDougall, P.G. *see* Crosky, A. 1-8307
- MacDowell, A.A. *see* Garner, C.D. 1-10784
- MacDowell, A.A. *see* Guest, M.F. 1-19136
- MacDowell, C.A. *see* Ganapathy, S. 1-16497
- McDowell, G.D. *see* Mahon, W.A.J. 1-44222
- McDowell, K. Application of CIBS theory to the H_2 molecule 1-10641
- McDowell, K. Use of noncanonical orbitals in many-body perturbation theory 1-51104
- McDowell, M.R.C. *see* Hata, J. 1-19188
- McDowell, M.W., Klee, H.W. Method of improving the performance of lenses for use in thermal infrared 1-6632
- McDowell, R.S., Reisfeld, M.J., Galbraith, H.W., Krohn, B.J., Flicker, H., Kennedy, R.C., Aldridge, J.P., Nereson, N.G. High-resolution spectroscopy of the 16- μ m bending fundamental of CF_4 1-24141
- McDowell, R.S. *see* Patterson, C.W. 1-19325, 1-4141
- Mace, B.R. Sound radiation from a plate reinforced by two sets of parallel stiffeners 1-11240
- Mace, B.R. Periodically stiffened fluid-loaded plates. I. Response to convected harmonic pressure and free wave propagation 1-41971
- Mace, B.R. Periodically stiffened fluid-loaded plates. II. Response to line and point forces 1-41972
- McEachern, J.F. Experimental development of a compact flow shield [hydrophobes] 1-29502
- Maceda, E.L., Sgarlata, D.K. Radius of coverage of nuclear criticality detectors 1-10548
- Macedo, P. *see* Lagakos, N. 1-37611
- Macedo, P.E. *see* Boulou, E.N. 1-25171
- Macek, J., Taubjerg, K. Correction to Z_p/Z_T expansions for electron capture 1-46111
- Macek, J. *see* Lucas, M.W. 1-24233
- Macek, J.H., Shakeshaft, R. Second Born approximation to the Coulomb Green's function: electron capture from a hydrogenlike ion by a bare ion 1-1361
- Macek, J.H. *see* Sramek, S.J. 1-1363
- McElfresh, T.W. *see* Der, Z.A. 1-22504
- McElisreem, M.T. *see* Lagrange, Ch. 1-704
- McElroy, D.L. *see* Hall, R.O.A. 1-30415
- McElroy, J.L. Waste management R&D for the nuclear fuel cycle 1-18834
- McElroy, R.G.C. Use of a capacitively coupled marginal oscillator for contactless transient conductivity measurements [slow photoconductivity kinetics in semiconductors] 1-9997
- McElroy, R.J. *see* Carpenter, G.J.C. 1-27942
- McElroy, W.N. *see* Gold, R. 1-50783

- McEaney, B., Smith, D.C. The reductive dissolution of γ -FeOOH in corrosion scales formed on cast iron in near-neutral waters 1-43568
- McEaster, B.J. see Gordon, R.S. 1-17193
- Macerata, A., Taddei, A., Marchesi, C., Mancini, P. A new dynamic display for analysis of 24 hour ECG microprocessor-based system 1-53925
- Maceri, A. see Maceri, F. 1-29537
- Maceri, A. see Toscano, R. 1-29584, 1-46673
- Maceri, F., Toscano, R., Maceri, A. Some problems of unilateral constraints in systems of linearly elastic beams 1-29537
- McEvers, J.A., Krichinsky, A.M., Layman, L.R., Dunnigan, T.H., Tuft, R.M., Murray, W.P. Implementation of the facility-integrated computer system (FICS) for nuclear material accountability 1-18759
- McEvily, A.J. see Minakawa, K. 1-31647
- McEvily, A.J. see Krishnan, V.M.R. 1-37849
- McEvily, A.J. see Radhakrishnan, V.M. 1-12874, 1-48500
- McEvily, A.J. see Teranishi, H. 1-8413
- McEroy, A.J. see Ni Chionna, O. 1-48847
- MacEwan, J.R. Research and development for CANDU fuel channels and fuel 1-23775
- McEwan, M.J., Anicich, V.G., Huntress, W.R., Jr. An ICR investigation of ion-molecule reactions of HCN 1-53407
- McEwan, M.J., Anicich, V.G., Huntress, W.T., Kemper, P.R., Bowers, M.T. A low pressure study of the reaction $\text{CH}_3^+ + \text{HCN} \rightarrow \text{CH}_3\text{HCN}^+$. A case for radiative association 1-12969
- McEwan, M.J. see Huntress, W.T., Jr. 1-54422
- MacEwan, W.R. see Brown, G.T. 1-7173, 1-35167
- MacEwan, W.R. see Cockayne, B. 1-20250, 1-53080
- McEwen, B.S., Stephenson, B.S., Krey, L.C. Radioimmunoassay of brain tissue and cell nuclear corticosterone 1-27037
- McEwen, K.A., Stirling, W.G. Magnetic ordering in praseodymium at millikelvin temperatures 1-34859
- McEwin, A.J. see Smith, R.S. 1-4438
- McFadden, D.L. see Diebold, G.J. 1-24070
- McFadden, E.R., Jr. see O'Cain, C.F. 1-48965
- McFarland, A.R. see Fjeld, R.A. 1-21794
- McFarland, D.R. see Lee, J.H. 1-6564
- McFarland, J. see Byrne, P.B. 1-13780
- McFarland, M. see Liu, S.C. 1-44256
- McFarland, W.J., Jr. Condos, S.G., Geha, A.S. Telemetry of regional tissue blood flow using hydrogen clearance 1-13373
- McFarland, W.J., Jr. see Klay, J.W. 1-22161
- MacFarlane, A.J. Parametrizations of unitary matrices and related coset spaces 1-5539
- McFarlane, H.B., Kihara, R. The FXR one-nanosecond-jitter switch 1-23877
- McFarlane, H.F. see Collins, P.J. 1-28663
- McFarlane, J.C., Watson, R.D., Theisen, A.F., Jackson, R.D., Ehrler, W.L., Pinter, P.J., Jr., Idso, S.B., Reginato, R.J. Plant stress detection by remote measurement of fluorescence 1-13219
- MacFarlane, J.J. see Hubbard, W.B. 1-40406
- McFarlane, K., Kay-Kong Wan On certain local observables generated by the momenta 1-27810
- McFarlane, K., McGill, N.C., McKenna, I.H. Space-time and spatial geodesics on a rotating sphere 1-133
- MacFarlane, R. see Bjorklund, G.C. 1-51583
- McFarlane, R.A. see Olson, G.L. 1-52446
- MacFarlane, R.M. Photochemical holes as stable references for frequency locking lasers 1-46413
- MacFarlane, R.M., Shelby, R.M. Rare earth pentaphosphates—a new class of photoactive hole-burning materials 1-29364
- MacFarlane, R.M., Shelby, R.M. Measurement of nuclear and electronic Zeeman effects using optical hole-burning spectroscopy 1-48046
- MacFarlane, R.M., Shelby, R.M., Genack, A.Z., Weitz, D.A. Nuclear-quadrupole optical hole burning in the stoichiometric material $\text{EuP}_2\text{O}_{14}$ 1-12431
- MacFarlane, R.M. see Drissler, F. 1-35809
- MacFarlane, R.M. see Levenson, M.D. 1-26245, 1-41802
- MacFarlane, R.M. see Ortiz, C. 1-42380
- MacFarlane, R.M. see Shelby, R.M. 1-1653
- MacFarlane, R.M. see Volker, S. 1-26756
- McFarlin, D.J. see DeBlois, R.L. 1-931
- McFeely, F.R. see D'Amico, K.L. 1-17102
- McFeely, F.R. see Sayers, M.J. 1-12622
- McGabe, W.J. see Szebehely, V. 1-9646
- McGaidin, J.O. see Kuech, T.F. 1-16363
- McGarr, A. Some constraints on levels of shear stress in the crust from observations and theory 1-27110
- McGarrigle, R. see Sachs, F. 1-49171
- McGahey, P.L. see Aleklett, K. 1-45527
- McGaughey, T.W. see Fung, B.M. 1-15049
- McGavin, D.G., Palmer, R.A., Singers, W.A., Tennant, W.C. Analysis of refinement of EPR single-crystal data involving noncoincident tensors 1-16474
- McGee, J.B. see Dennis, W.E. 1-13100
- McGee, M.G., Fuqua, J.M., Jr., Hibbs, C.W., Poirier, V.L., Chambers, J.A., Clay, W.C., Edelman, S.K., Igo, S.R., Stolle, M.F., Turner, S.A., Ugorji, C.C., Norman, J.C. Current long-term experimental studies with an electrically-activated left ventricular assist systems (THI E-type ALVAD) 1-35917
- McGee, T. see Davis, D.D. 1-26793
- McGee, T.D. see Bray, D.J. 1-31523
- McGee, T.J. see Dulcey, C.S. 1-14953
- McGeoch, M.W. The CdHg (a) state: fluorescence kinetics and absorption 1-10774
- McGeough, J.A. see Lai, S.H.F. 1-48697
- McGhee, J.D., Felsenfeld, G., Eisenberg, H. Nucleosome structure and conformational changes 1-8809
- McGhee, R.B. see Koozekanani, S.H. 1-9050
- McGhie, A.R. see Schein, L.B. 1-12121
- McGill, D.J. Contact point accelerations in rolling problems 1-14005
- McGill, J. see Madan, A. 1-39765
- McGill, J. see Ray, L. 1-41049
- McGill, J. see Shur, M. 1-43782
- McGill, N.C. see McFarlane, K. 1-133
- McGill, T.C. see Feenstra, R.M. 1-39153
- McGill, T.C. see McCaldin, J.O. 1-38850
- McGill, T.C. see Mitchard, G.S. 1-38399
- McGill, T.C. see Schulman, J.N. 1-16351
- McGill, T.C. see Swarts, C.A. 1-16171, 1-16327
- McGillen, C.D., Pomalaza, C.A., Aunon, J.I. Method of computing enhanced average evoked brain potentials 1-32085
- McGilleme, C.D. see Moser, J.M. 1-32114
- McGillivray, H.T., Dodd, R.J. The distribution of faint galaxies in a field of 15 square degrees near the South Galactic Pole 1-4975
- McGillivray, H.T., Dodd, R.J. Number-magnitude count for galaxies at the South Galactic Pole 1-17895
- McGillivray, J. see Tuft, R. 1-46247
- McGillivray, J.C., Feld, M.S. Limits of superradiance as a process for achieving short pulses of high energy 1-51432
- McGillivray, J.C. see Feld, M.S. 1-51435
- McGillivray, W.R., Standage, M.C. Observation of optical nutational transients in laser excited Na_2D line fluorescence 1-45894
- McGinnis, M.R. see Ewbank, W.B. 1-32809
- McGlamery, B.L. A computer model for underwater camera systems 1-22545
- McGlashan-Powell, M. Thin metal foil vacuum interface for low energy particle accelerators 1-23911
- McGlaun, J.M., Thompson, S.L., Freeman, J.R. COMAG-III: a 2-D HMD code for helical CMF generators 1-34116
- McGlaun, J.M. see Freeman, J.R. 1-33017
- McGlone, R.E., Brown, W.S., Jr. Vocal register 'shift' identification in a modified breathing atmosphere 1-49011
- McGlynn, S.P., Felps, W.S., Scott, J.D., Findley, G.L. Molecular Rydberg transitions. XVIII. Vibronic doubling in methyl iodide 1-37170
- McGlynn, S.P., Felps, W.S., Findley, G.L. Molecular Rydberg transitions. The π - $4s$ transition of C1CN 1-41377
- McGlynn, S.P. see Baig, M.A. 1-33475
- McGlynn, S.P. see Connerade, J.P. 1-24163, 1-41442
- McGlynn, S.P. see Meeks, J. 1-37253
- McGlynn, T.A., Ostriker, J.P. Galactic cannibalism. IV. The evidence—correlations between dynamical time scales and Bautz-Morgan type 1-44651
- McGoldrick, P.R. Supervisory control and diagnostics system distributed operating system 1-10531
- McGonigle, R. see Crampin, S. 1-32370
- McGovern, I.T. see Williams, R.H. 1-39219
- McGovern, J. Video use in English language teaching 1-27736
- McGow, R. see Allen, P. 1-36856
- McGow, R. see Blitschman, J. 1-10190
- McGrath, R.L., Geesaman, D.F., Lee, L.L., Jr., Noe, J.W., Thorn, C.E. Spectroscopy in ^{54}Co with the (Li^+, He) reaction 1-45457
- McGrath, R.T., Berwald, D.H., Maniscalco, J.A. A lithium fall/molten-salt blanket inertial confinement fusion breeder design 1-41243
- McGraw, J.T. White dwarf pulsations: a review 1-40483
- McGraw, J.T. see Fontaine, G. 1-9503
- McGraw, T.E. see Kupperman, D.S. 1-43619
- McGregor, B., Chaudhri, M.A. Spectra of the therapeutic neutrons in tissue 1-17470
- McGregor, G. see Gacesa, M. 1-50780
- McGregor, G.A. see Roulston, J.E. 1-53946
- McGregor, I. see Zaidi, A.A. 1-19193
- McGregor, J. see Grassie, T.G. 1-22144
- McGregor, K.B. see Hartmann, L. 1-44540
- McGregor, P.J. see Hyland, A.R. 1-22858
- McGregor, V.R. see Griffin, W.L. 1-13420
- McGrew, S.P. Color control in dichromated gelatin reflection holograms 1-15116
- McGuinness, M.J. Infinities of polynomial conserved densities for nonlinear evolution equations 1-27784
- McGuinness, M.J. An infinity of polynomial conserved densities for a class of nonlinear evolution equations 1-27785
- McGuire, D. A solution of an inverse-source problem in coherence theory 1-10911
- McGuire, D.A. see Goldstein, S.R. 1-22177
- McGuire, E.J. Scaled proton ionization cross sections in the Born approximation 1-1350
- McGuire, E.J. Green's-function approach to nonresonance multiphoton absorption in the alkali-metal atoms 1-24099
- McGuire, J.H., Simony, P.R. Calculation of cross sections for 2s-2p excitation of one-electron ions by He^{2+} and He^0 1-15003
- McGuire, K. see Owens, D.K. 1-25073
- McGuire, P.A. see Rybicki, E.F. 1-45625
- McGuire, R.K., Hanks, T.C. RMS accelerations and spectral amplitudes of strong ground motion during the San Fernando, California earthquake 1-54001
- McGuire, T.R., Aboaf, J.A., Klokholm, E. Galvanomagnetic properties of transition metal-boron films 1-7588
- McGuire, T.R., Gambino, R.J., O'Handley, R.C. Hall effect in amorphous metals 1-34689
- Macha, E. Simulation of a material life-time under random triaxial stress state 1-53298
- Machabelli, G.Z. see Mamradze, P.G. 1-40515
- Machacek, M. see Georgi, H. 1-475, 1-45185
- Machado, L.E. see Debehogne, H. 1-9406
- Machado, M.E., Avrett, E.H., Vernazza, J.E., Noyes, R.W. Semiempirical models of chromospheric flare regions 1-44517
- Machado, W.V. see Galvao, R.M.O. 1-51929
- Machado da Silva, J.C., Chaves, A.S., Gazzinelli, R., Ribeiro, G.M., Blinc, R., Zupanec, I. EPR study of the role of ionic displacement on the ferroelastic-antiferroelectric transition of $\text{KD}_2(\text{SeO}_3)_2$ 1-43009
- McHale, J.L., Wang, C.H. Fermi resonance of Raman modes in the condensed phase: a theoretical investigation of the concentration dependent effects in molecular liquids 1-16560
- Machalski, J. An analysis of the cosmological evolution of radio sources. II. Evolution functions for the flat- and steep-spectrum sources at 1400 MHz 1-36425
- Macharadze, T.G. see Pronkin, A.A. 1-11904
- McHardy, I., Pye, J., Fairall, T. 3A 0557-383 1-54662
- McHardy, I.M. see Griffiths, R.E. 1-13885
- McHardy, I.M. see Steiner, J.E. 1-9735
- McHardy, W.J. see Wilson, M.J. 1-49267
- McHarg, B. see Glad, A. 1-6006
- McHarris, Wm.C. see Aryaeinejad, R. 1-36925
- McHarris, Wm.C. see Matsushita, N. 1-37077
- MacHattie, L.E. A transistor anemometer 1-32537
- Mchedlishvili, B.V. see Gusinski, G.M. 1-11451
- Mchedlishvili, G.I. see Itkis, M.I. 1-32175
- Mchedlishvili, G.I. see Mamisashvili, V.A. 1-17437
- Mchedlishvili, K.A. see Karabegov, M.A. 1-28054
- Machek, J. see Rudis, M. 1-54145
- Machemer, R. see Fuller, D. 1-35817
- McHenry, K.D., Tressler, R.E. High temperature dynamic fatigue of hot-pressed SiC and sintered α -SiC 1-3872
- Macher, K. Variable focus recording lens for electronic colour television cameras 1-29366
- Macher, K. Vario-exposure objectives for electronic colour television cameras. II 1-29367
- Macherauch, E. see Han-Jong Yu 1-3790
- Macherauch, E. see Huttebrucker, K. 1-31512
- Macherauch, E. see Lohe, D. 1-43470
- Macherauch, E. see Mayer, M. 1-21552
- Macherauch, E. see Pohl, K. 1-25284
- Macherauch, E. see Starker, P. 1-43473
- Macheret, S.O., Rusanov, V.L., Fridman, A.A., Sholin, G.V. Nonequilibrium plasmochemical synthesis of nitrogen oxides 1-42132
- Machet, J. see Plas, F. 1-2846
- Machholz, D., de Assis Neto, V.F. Periodic Comet Tuttle (1980h) 1-27430
- Machholz, D. see Bortle, J. 1-13731
- Machholz, D. de Assis Neto, V.F. 1-32660
- Machholz, D. see Keitch, G.S. 1-17793
- Machholz, D. see Seki, T. 1-32659
- Machi, Y. see Gotoh, T. 1-3643
- Machi, Y. see Mutsukura, N. 1-3636
- Machi, Y. see Ohkoda, T. 1-3637
- Machiavelli, O. see Allub, R. 1-7842
- Machida, K., Koyama, T., Matsubara, T. Theory of charge-density-wave superconductors 1-38885
- Machida, K., Nokura, K., Matsubara, T. Theory of antiferromagnetic superconductors 1-12232
- Machida, K. see Lee, H. 1-10737
- Machida, K. see Yamaoka, Y. 1-14863
- Machida, M. see Kume, S. 1-18244, 1-50150
- Machida, S. see Imoto, N. 1-15273
- Machida, S. see Kobayashi, S. 1-1603
- Machida, S. see Yamada, J. 1-19337
- Machiels, A.J. Prediction of initial leach rates of glass waste forms 1-45657
- Machikina, I.Yu. see Golt'sov, V.A. 1-43423
- Machikina, O.Yu. see Golt'sov, V.O. 1-39367

- Machizaud, F., Kuhnast, F.-A., Flechon, J., Auguin, B., Defresne, A. Electron transport and kinetics of transformations in the amorphous alloy $\text{Ni}_{60}\text{B}_{40}$ 1-34236
- Machizaud, F. see Belin, E. 1-31229, 1-31234
- Machizaud, F. see Kuhnast, F.-A. 1-52073
- Machizaud, F. see Kuhnast, F.-A. 1-30090
- Machleidt, R., Holinde, K. Role of the single-particle potential in nuclear matter calculations including mesonic and isobar degrees of freedom 1-23582
- Machleidt, R. see Muther, H. 1-5707
- Machlin, E.S., Beilang Loh Structural stability of transition-metal binary compounds 1-15831
- Machlin, E.S., Whang, S.H. Role of hydrogen to increase/decrease the critical temperature T_c in superconducting compounds 1-7767
- Machnev, V.Yu., Popkov, V.I. Model studies of the vibration activity of vibration sources 1-37694
- Machnik, D.E., Hettrick, M.C., Kutner, M.L., Dickman, R.L., Tucker, K.D. Velocity structure in the Canis Major R1 molecular clouds 1-49750
- Machnik, D.E. see Kutner, M.L. 1-40538
- McHone, J.F., Jr. see Lambert, P. 1-40133
- Machta, J., Oppenheim, I., Procaccia, I. Statistical mechanics of stationary states. V. Fluctuations in systems with shear flow 1-19678
- McHugh, J.A. see Simons, D.S. 1-28120
- Machwe, M.K. see Pandya, M.L. 1-29027
- Machwe, V.G. see Mehta, A.S. 1-31181
- Maciak, T. see Kruszewski, J. 1-15262
- Macias, A. see Borondo, F. 1-46112
- Macias, E.S. see Delumeyra, R.G. 1-4236
- Maciaszek, M. On the possibility of strain determination by section topography in the parallel geometry 1-20031
- Maciaszek, M. see Auleytner, J. 1-20523
- Maciejko, K. see Gasiorek, S. 1-16728
- Maciejko, R. see Kim, H.B. 1-15281
- Maciejny, A., Kozłowski, R. Prefracture changes of microstructure during creep of some heat-resistant steels 1-16895
- Maciel, C.C. see Oliveira, L.F. 1-5926
- Maciel, G.E., Sindorf, D.W. Silicon-29 nuclear magnetic resonance study of the surface of silica gel by cross polarization and magic-angle spinning 1-53483
- Macii, R. see Ronchi, L.R. 1-8942, 1-53791
- McIlrath, T.J. Fluorescence lidar 1-4647
- McIlrath, T.J., Lucatorto, T.B. Comment on 'The effect of radiation trapping of high-intensity scattered radiation on multiphoton ionisation rates and resonance fluorescence' 1-14844
- McIlrath, T.J. see Dulcey, C.S. 1-14953
- McIlrath, T.J. see Lucatorto, T.B. 1-6570, 1-29830
- McIlroy, D.K. On the theory of interfacial double-layer potential differences and periaxonal accumulation of potassium in squid axons 1-32107
- McIlwain, C. see Filius, W. 1-40396
- McIlwain, M.E. see Key, J.F. 1-15656
- McIlwain, R.L. see Zissa, D.E. 1-33201
- McInerney, M.F. Perturbed gap functions in superfluid ^3He 1-34537
- McInnes, B.T. An identification of the metric tensor of the non-symmetric unified field theory 1-18120
- McInnes, B.T. Brinkman's theorem in general relativity and non-Riemannian field theories 1-36541
- McInnes, D.A., Martin, D. Calculation of electron band gap in molten UO_2 1-34613
- McInnes, D.A. see Brearley, I.R. 1-15569, 1-24909
- McInnes, R. see Angiello, J. 1-47406
- McInnes, W.M. see Probst, P.-A. 1-16216
- McInnis, B.C., Everett, R.L., Gude, D.N., Vajapeyam, B., Akutsu, T., Vakamudi, A.K. A microcomputer control system for the artificial heart 1-32317
- McIntire, L.V., Leverett, L.B., Alfrey, C.P., Lynch, E.C., Zanger, B. Effect of transfusion on hemoglobin flow and oxygen delivery in patients with sickle cell anemia - in vitro evaluation 1-13272
- McIntire, W.R. Secondary concentration for linear focusing systems. A novel approach 1-4158
- McIntire, W.R. New reflector design which avoids losses through gaps between tubular absorbers and reflectors 1-8678
- McIntosh, A.W. see Shepherd, B.K. 1-13193
- McIntosh, C.B.G. see Halford, W.D. 1-5194
- McIntosh, W.H. see Feinstein, J.G. 1-847
- McIntuff, A.D., Sampson, W.B., Garber, M., Dahl, P.F. Quench behavior of a superconducting accelerator magnet 1-51005
- McIntyre, A. see Price, S.D. 1-9739
- McIntyre, C.M., Myung Hun Lee, Churnside, J.H. Statistics of irradiance scattered from a diffuse target containing multiple glints 1-1493
- McIntyre, F. The absorption of fossil-fuel CO_2 by the ocean 1-26864
- McIntyre, G.J. The geometry of X-ray diffraction from extended-face single crystals 1-34192
- McIntyre, J.A. Design features of a positron tomograph with 2.4 mm resolution 1-1040
- McIntyre, L.C., Jr. see Spezeski, J.J. 1-15023
- McIntyre, N.S., Strathdee, G.G., Phillips, B.F. Secondary-ion mass spectrometric studies of the aqueous leaching of a borosilicate waste glass 1-16931
- McIntyre, N.S. see Fung, P.C. 1-28637
- McIntyre, P. see Heagy, S.M. 1-50433
- McIntyre, P. see Williams, D.S. 1-26897
- Macintyre, S.A. A portable low noise low frequency three-axis search coil magnetometer 1-5345
- Macintyre, W.J. see Meaney, T.F. 1-43989
- McIsaac, C.V., Mandler, J.W., Stalker, A.C. Measured performance of four PWR liquid radioactive waste treatment systems 1-28659
- Maciulaitis, C. see Valacka, K. 1-20867
- McIver, R.T., Jr. Fourier transform mass spectrometry 1-50261
- Mack, G. Predictions of a theory of quark confinement 1-14328
- Mack, G. Quark confinement in lattice gauge theories 1-18429
- Mack, G., Byrd, R.C., Lisowski, P.W., Walter, R.L. The analyzing power $A_y(\theta)$ for the $^9\text{Be}(\text{p}, n)^9\text{B}$ reaction from 8 to 15 MeV 1-1693
- Mack, G., Pietarinen, E. Test of some current ideas in quark confinement physics by Monte Carlo computations for finite lattices 1-508
- Mack, G. see Thumm, M. 1-684
- Mack, J.M., Radziemski, L.J. Ab initio calculation of uranium plasma emission coefficients 1-45885
- Mack, J.M. see Radziemski, L.J. 1-45842
- Mack, L.M. On the stabilization of three-dimensional boundary layers by suction and cooling 1-42038
- McKamey, M.R. Imaging with radioactive drugs 1-43991
- McKane, A.J., Stone, M. Localization as an alternative to Goldstone's theorem 1-52458
- Mackay, A.L. The packing of three-dimensional spheres on the surface of a four-dimensional hypersphere 1-5245
- Mackay, A.L. Crystallographic computations on the pocket catalyst 1-25118
- Mackay, C.A. see Chatterjee, S.K. 1-53131
- McKay, D.W., Munce, H.J. Leptonic signals for nonstandard heavy quarks 1-10231
- Mackay, G.I., Vlachos, G.D., Bohme, D.K., Schiff, H.I. Studies of reactions involving C_2H_3^+ ions with HCN using a modified selected ion flow tube 1-17036
- Mackay, G.I. see Boyne, D.K. 1-39602
- Mackay, H.B., Woolf, L.D., Maple, M.B., Johnston, D.C. Ferromagnetism in the RERh_2B_4 compounds 1-34879
- Mackay, H.B. see Hamaker, H.C. 1-30867
- Mackay, H.B. see Maple, M.B. 1-25844
- Mackay, H.B. see Moncton, D.E. 1-30883
- McKay, H.S. see Meador, R.W. 1-50711
- McKay, J.A. see Herbelin, J.M. 1-41690
- McKay, N.D. see Carstensen, E.L. 1-33846
- Mackay, R.C. Slave flash controller 1-5427
- Mackay, W.W. see Chadwick, K. 1-33192
- Macke, B., Glorieux, P., Jacques, A., Legrand, J. Observation of a 'return' Autler-Townes effect 1-41412
- McKean, D.C., McQuillan, G.P., Thompson, D.W. Isolated CH stretching frequencies, methyl group geometry and dissociation energies in dimethyl zinc, cadmium and mercury 1-14900
- McKean, D.C. see Duncan, J.L. 1-41379
- McKee, C.F. see Max, C.E. 1-2214
- McKee, C.F. see Pareese, F. 1-9738
- McKee, C.F. see Reynolds, S.P. 1-13869
- McKee, C.S. In pursuit of surface topography 1-47348
- McKee, C.S. see Kirby, R.E. 1-7469
- McKee, D. see Jack, M.A. 1-33853
- McKee, D.W., Siemens, P.A. Resistance of thermal barrier ceramic coatings to hot salt corrosion 1-31709
- McKee, E.H. see Best, M.G. 1-44178
- McKee, F. see Hollenbach, A. 1-22869
- McKee, J.D., Mushotzky, R.F., Boldt, E.A., Holt, S.J., Marshall, F.E., Pravdo, S.H., Serlemitsos, P.J. The HEAO A-2 survey of Abell clusters and the X-ray luminosity function 1-49827
- McKee, J.D. see Hintzen, P. 1-49828
- McKee, M.L. see Dewar, M.J.S. 1-10733
- McKee, R. see Aston, D. 1-50470
- McKee, R.A. Thermodynamics and kinetics of interstitial diffusion in a two-component system 1-7392
- McKee, R.A. Diffusion in a pure, high-vacancy-content crystal 1-47303
- McKeever, M.R. see Tellinghuisen, J. 1-1271
- McKeever, S.W.S. Thermoluminescence in LiF: Analysis of the glow-curves 1-3509
- McKeever, S.W.S. The analysis of thermoluminescence glow-curves from meteorites 1-9435
- McKeever, S.W.S. On the analysis of complex thermoluminescence glow-curves: resolution into individual peaks 1-26289
- McKeever, S.W.S., Chen, R., Groom, P.J., Durrani, S.A. Dose-rate dependence of thermoluminescence response 1-949
- McKeever, S.W.S., Durrani, S.A., Aitken, M.J. On the anomalous fading of thermoluminescence in meteorites 1-9434
- McKeever, S.W.S., Sears, D.W. The natural thermoluminescence of meteorites: a pointer to meteorite orbits? 1-54433
- McKeever, S.W.S. see Sears, D.W. 1-49583
- McKeith, C.D. see Dufton, P.L. 1-36286
- McKeith, C.D. see Greve, A. 1-22751
- McKeith, C.D. see Kane, L.G. 1-44593
- McKellar, A.R.W. see Allegrini, M. 1-33484
- McKellar, B.H.J. The influence of mixing of finite mass neutrinos on beta decay spectra 1-18412
- McKellar, B.H.J. Massive neutrinos, the Goldberger-Treiman relation, and the $\pi \rightarrow e \nu$ branching ratio 1-18470
- McKellar, B.H.J. see Ellis, R.G. 1-33185, 1-40978
- McKellar, B.H.J. see Freeman, G. 1-36907
- McKelvey, J.P. Kinematics of tape recording 1-27731
- McKelvey, T.E., Koniges, A.E., Marcus, F., Sabado, M., Smith, R. Thermal stress analysis and the effect of temperature dependency of material properties on Doublet III limiter design 1-907
- Macken, N.A. see Norris, D.M., Jr. 1-824
- McKenna, D. see Millis, R.L. 1-54408
- McKenna, G.B., Bradley, G.W., Dunn, H.K., Statton, W.O. Mechanical properties of some fibre reinforced polymer composites after implantation as fracture fixation plates 1-26478
- McKenna, G.B., Zapas, L.J. The normal stress response in nonlinear viscoelastic materials: some experimental findings 1-1901
- McKenna, I.H. see McFarlane, K. 1-133
- McKenna, J.F., Seidman, K., Beyerlein, A.L., Savitsky, G.B. Quadrupole coupling constant of acetylenic deuterium in 1-nonyne-1-d, determined from natural-abundance ^{13}C satellites in ^2H NMR spectra 1-14915
- McKenna, K.F. see Ekdahl, C. 1-6965
- McKenna, S.J. A reinvestigation of the redistribution functions R_{III} and R_{IV} 1-44426
- McKenna, T.J. see Watanabe, G.H.J. 1-12260
- McKenzie, E. see Eanes, E.D. 1-23397
- McKenzie, B.J., Grant, I.P., Norrington, P.H. A program to calculate transverse Breit and QED corrections to energy levels in a multiconfiguration Dirac-Fock environment 1-33402
- McKenzie, B.J. see Grant, I.P. 1-28881
- McKenzie, D., Jarvis, G. The conversion of heat into mechanical work by mantle convection 1-27130
- McKenzie, D., Watts, A., Parsons, B., Roufosse, M. Planform of mantle convection beneath the Pacific Ocean 1-22318
- McKenzie, D.L., Landecker, P.B., Broussard, R.M., Ruge, H.R., Young, R.M., Feldman, U., Doschek, G.A. Solar flare X-ray spectra between 7.8 and 23.0 angstroms 1-32674
- McKenzie, D.L. see Landecker, P.B. 1-44522
- McKenzie, D.P. see Hewitt, J.M. 1-32421
- McKenzie, D.R. see McPhedran, R.C. 1-19235
- McKenzie, E.C. see Davies, P.G. 1-22378, 1-40163
- McKenzie, G.A. see Natkaniec, I. 1-2575
- McKenzie, G.A. see Schmelzer, U. 1-47186
- McKenzie, H.A. see Dennis, R.B. 1-29028, 1-52919
- McKenzie, I. see Clarke, J.F. 1-19446
- McKenzie, I.K., Fabian, J. Evidence from positron annihilation of anomalously low vacancy density in some metals with low melting points 1-21289
- McKenzie, I.K. see Egelstaff, P.A. 1-27720
- McKenzie, J.D. see Almeida, R.M. 1-3386
- McKenzie, J.D. see Baldwin, C.M. 1-30455
- McKenzie, J.D. see Chung, C.H. 1-30743
- McKenzie, J.D. see Wahle, K.W.J. 1-35590
- McKenzie, K.J.D. A Mossbauer study of the high temperature reactions of iron oxides with tricalcium aluminate 1-21089
- McKenzie, R. see Szebehely, V. 1-40318, 1-40326
- McKenzie, R.D., Jr. see Dutchie, J.F. 1-51395
- McKenzie, R.N. see Yarwood, J. 1-33040
- McKenzie, T.N. see Howarth, H. 1-50217
- McKeon, G. First quantization of the spinning string 1-5608
- McKeown, F.A. see Zoback, M.D. 1-35959
- McKeown, J. The Electron Test Accelerator safety in design and operation 1-37029
- McKeown, R.D., Schiffer, J.P., Jackson, H.E., Paul, M., Sanders, S.J., Specht, J.R., Stephenson, E.J., Redwine, R.P., Segel, R.E., Arends, J., Eyink, J., Hartmann, H., Hegerath, A., Mecking, B., Noldeke, G., Rost, H. Comparison of pion- and photon-induced reactions on ^{12}C 1-28499
- McKerrow, W.S., Lambert, R.St.J., Chamberlain, V.E. The Ordovician, Silurian and Devonian time scales 1-22263
- McKibbin, R.B., Simpson, J.A. Charged particle diffusion and acceleration in Saturn's radiation belts 1-40393
- McKibbin, R.B. see Simpson, J.A. 1-40391
- Mackie, P.E. see Elliott, J.C. 1-42349

- MacKillop, A. Energy for the developing world. A critique of the new wisdom 1-53523
- MacKillop, A.A. see Kraabel, J.S. 1-36662
- McKinlay, A.F., Bartlett, D.T., Smith, P.A. The development of photo-transferable thermoluminescence (PTTL) technique and its application to the routine re-assessment of absorbed dose in the NRPB automated personal dosimetry system 1-952
- McKinlay, A.F. see Driscoll, C.M.H. 1-955, 1-48174
- McKinlay, A., Parke, A.W., Hughes, G.J., Fryar, J., Williams, R.H. Atomically clean semiconductor surfaces prepared by laser irradiation 1-8456
- McKinlay, A., Parke, A.W., Williams, R.H. Silver overlayers on (110) indium phosphide: film growth and Schottky barrier formation 1-34593
- McKinley, C. see Kuebler, G.P. 1-47246
- McKinley, J.M. Static atmospheres in a rotating space habitat (human-powered flight) 1-27743
- McKinley, J.M. see Schmidt, P.P. 1-24147
- McKinley, W.A., Popovich, D.J., Layne, T. A review of HPLC detectors 1-13048
- McKinney, R.D., Escarcena, L.A., Depp, R. The evaluation of heart rate variations on the human fetus using spectral analysis techniques 1-13343
- MacKinnon, A. The conductivity of the one-dimensional disordered Anderson model: a new numerical method 1-30691
- MacKinnon, A. Structure and lattice dynamics of hydrogenated amorphous silicon 1-52069
- MacKinnon, A. see Petri, K.D. 1-37106
- MacKinnon, C., Mericle, L.W. Frequency of micro-nuclei in root-tips of *Tradescantia* clone 02: effects of diurnal temperature difference and ^{60}Co gamma radiation 1-35833
- McKinnon, D.M. see Schaefer, T. 1-51223
- McKinnon, G.C., Bates, R.H.T. Towards imaging the beating heart usefully with a conventional CT scanner 1-53869
- McKinnon, P., Keen, R.A., Marsden, B.G. New meteor shower 1-9432
- MacKintosh, W.D. see Ishiura, H. 1-7201
- McKinnon, P.T. see Lisboa, C. 1-17418
- Mackley, M.R., Parker, A.R. The mechanical response of polypropylene fibre-cement composite and its analogy with bone 1-12803
- Macklin, R. see Garg, J.B. 1-45483
- McKlveen, J.W. Thermoluminescent dosimeter measurements of X-ray exposures to dental patients 1-9034
- McKnight, L.G. see Gray, E.W. 1-46935
- McKnight, R. see Smith, A. 1-23693
- McKnight, R.D., Freese, K.E. Transport theory analyses of simulated LMFBR meltdown critical assemblies 1-28664
- McKnight, S.W., Palik, E.D. Cathodoluminescence of SiO_2 films 1-3497
- McKnight, S.W., Palik, E.D., Bhar, T.N. Cathodoluminescence studies of anodic oxides on GaAs 1-16611
- MacKnight, W.J. see Alexandrovich, P.S. 1-34980
- MacKnight, W.J. see Fried, J.R. 1-12826
- MacKnight, W.J. see Roche, E.J. 1-2344
- Macnik, L.S. see Mills, R.L. 1-54408
- Mackor, A., Blasse, G. Visible-light induced photocurrents in $\text{SrTiO}_3\text{-LaCrO}_3$ single-crystalline electrodes 1-30777
- McKown, H.S. see Christie, W.H. 1-23762
- McKoy, B.V. see Langhoff, P.W. 1-24196
- McKoy, B.V. see Padial, N. 1-24198
- McKoy, V. see Takatsuka, K. 1-15007
- McKubre, M.C.H., Macdonald, D.D. Temperature limitations of alkaline battery electrodes 1-53591
- MacKus, P. see Chudacek, I. 1-47711
- McKusick, K.H. see Nichols, A.B. 1-9013
- McLachlan, E.H. Holography in measurement 1-49912
- McLachlan, L.A. Lumped circuit duplexer for a pulsed NMR spectrometer 1-311
- McLagan, G. see Azam, A. 1-50834
- McLagan, R.G.A.R. Valence bond studies on NH_3 and PH_3 1-37123
- McLain, D.K. see Zollweg, R.J. 1-38194
- McLane, S.B., Jr. see Tsong, T.T. 1-42611
- McLaren, A.C., Payling, R. The determination of hydrogen concentration in silicates using ion-beam spectrochemical analysis (IBSCA) 1-13058
- McLaren, A.C. see Moze, O. 1-13057
- McLaren, J.R. see Tan, S.R. 1-43511
- McLaren, J.W. see Sturgeon, R.E. 1-21797
- McLaren, K. CIELAB hue-angle anomalies at low tristimulus ratios 1-18275
- McLaren, P.G. see Pang, C.Y. 1-47800
- McLaren, R.A., Betz, A.L. Infrared observations of circumstellar ammonia in OH/IR supergiants 1-22802
- McLaren, R.A. see McAlary, C.W. 1-22810
- McLatchie, W. see Ball, G.C. 1-18558
- McLatchie, W. see Cheng, C.W. 1-54474
- McLaughlin, J. see Pratt, D.J. 1-49140
- McLaughlin, K.A. see Hore, P.J. 1-10762, 1-31876
- McLaughlin, D.E., Pena, O., Lysak, M. NMR in CaAl_2 . Hyperfine fields, fluctuation rates, and spatial correlation in an unstable-moment system 1-43024
- McLaughlin, D.K. see Morrison, G.L. 1-15522
- McLaughlin, D.K. see Stromberg, J.L. 1-19689
- McLaughlin, D.W. see Lamb, G.L., Jr. 1-36505
- McLaughlin, G.M. see Sinclair, W. 1-30149
- McLaughlin, I.L. see Collings, A.F. 1-7399
- McLaughlin, I.L. see Whitlaw, D.J. 1-34644
- McLaughlin, J.B. Period-doubling bifurcations and chaotic motion for a parametrically forced pendulum 1-40646
- McLaughlin, J.H. see Bajek, W.A. 1-23240
- McLaughlin, M. see Collick, B. 1-45290
- McLaughlin, M. see Jonckheere, A. 1-51013
- McLaughlin, P.O., Miceli, J.J., Moore, D.T., Ryan, D.P., Stagaman, J.M. Design of a gradient index binocular objective 1-51589
- McLaughlin, T.M. see Miller, N.R. 1-4396
- McLaughlin, W.I. Prediscovery evidence of planetary rings 1-9394
- McLaughlin, W.L., Miller, A., Ellis, S.C., Lucas, A.C., Kapsar, B.M. Radiation-induced color centers in LiF for dosimetry at high absorbed dose rates 1-944
- McLean, A.D. see Ermler, W.C. 1-1124
- McLean, A.S. see Evans, R.D. 1-53828
- McLean, C. see Plantinga, T.M. 1-10754
- McLean, D.A., Gredan, J.E. Magnetic and transport properties of LaTiO_3 1-25870
- McLean, D.J. Solar burst observations at metre and decametre wavelengths 1-4878
- McLean, E.A., Gold, S.H., Stamper, J.A., Whitlock, R.R., Griem, H.R., Obenshain, S.P., Ripin, B.H., Bodner, S.E., Herbst, M.J., Gitomer, S.J., Matzen, M.K. Preheat studies for foils accelerated by ablation due to laser irradiation 1-7004
- McLean, E.A. see Obenshain, S.P. 1-36636
- McLean, F.B. A framework for understanding radiation-induced interface states in SiO_2 MOS structures 1-52617
- McLean, I.S., Tapie, S. Discovery of intrinsic linear polarization in SS433 1-9532
- McLean, J.W., Saffman, P.G. The effect of surface tension on the shape of fingers in a Hele Shaw cell 1-46807
- McLean, M. Incubation periods during transient creep—reply to comments by Bilde-Sorensen 1-52224
- McLean, T.D. see Jones, W.E. 1-24120
- McLean, W.L. see van Dover, R.B. 1-38896
- McLeary, R., Beckwith, P.J. Gas storage technique for the repetitively pulsed operation of a continuously excited laser 1-46369
- McLeish, W., Ross, D., Shuchman, A., Teleki, P.G., Hsiao, S.V., Shemdin, O.H., Brown, W.E., Jr. Synthetic aperture radar imaging of ocean waves: comparison with wave measurements 1-13601
- McLellan, D.L. Tensile properties of A357-T6 aluminum castings 1-48424
- McLellan, E.J., Findley, C.C., Roberts, J. High pressure reinjection CO_2 oscillator 1-46386
- McLellan, R.B., Boratto, F.J.M., Reed-Hill, R.E. Deviation from Arrhenius behavior for the diffusion of interstitial atoms in the group V metals [and reply] 1-20467
- McLellan, R.B., Kirchheim, R. The effect of substitutional impurity atoms on the diffusivity of an interstitial species 1-20440
- McLellan, R.B. see Kirchheim, R. 1-7385, 1-30473
- McLellan, R.B. see Yei, W.-M. 1-2693
- McLellan, W.M. see Yousef, Y.A. 1-4551
- McLemore, D.R., Bennett, D.W., Hart, P.E., Norman, R. Breeder fuel pellet fabrication from gel-sphere conversion 1-18869
- McLenithan, K., Secrest, D. Recoupling the angular momentum decoupling approximations 1-1313
- McLennan, C.G. see Lanzerotti, L.J. 1-17784, 1-32585
- McLennan, D.J., Quick, M.K., Lefort, S.W. Focal plane signal processing requirements for scanned charge-injection device (CID) arrays 1-5391
- McLennan, S.M., Nance, W.B., Taylor, S.R. Rare earth element-thorium correlations in sedimentary rocks, and the composition of the continental crust 1-49237
- MacLeod, A.M. A study of the statistics of Poisson distributions 1-40
- McLeod, B. see Ushida, N. 1-546
- McLeod, C.P. see Claverie, A. 1-32678
- McLeod, D. see Bromberg, C. 1-10266, 1-45364
- McLeod, D., Jr. see Kasai, P.H. 1-45997
- MacLeod, H.A. Monitoring of optical coatings 1-37636
- McLeod, M.G., Coleman, P.J., Jr. Geomagnetic field mapping from a satellite: spatial power spectra of the geomagnetic field at various satellite altitudes relative to natural noise sources and instrument noise 1-9287
- McLeod, P.C. see Mazumder, M.K. 1-43841
- McLeod, R.J. see Parker, B.R. 1-27706
- McLerran, L. see Anisheetty, R. 1-33253
- McLerran, L. see Dine, M. 1-45225
- McLerran, L.D., Svetitsky, B. A Monte Carlo study of $\text{SU}(2)$ Yang-Mills theory at finite temperature 1-33106
- McMahon, B.B., Simmons, E.L. Ground-based measurements of atmospheric NO_2 by differential optical absorption 1-9213
- McMahon, C.J., Jr. see Jokl, M.L. 1-7248
- McMahon, C.J., Jr. see Kameda, J. 1-53267
- McMahon, C.H., Jr. see Takayama, S. 1-16875
- McMahon, D.H. see Nelson, A.R. 1-6658
- McMahon, D.R.A. Diffusion in dilute gas mixtures and the Einstein relation 1-49903
- McMahon, R. The laboratory evaluation of thermal imaging systems 1-41874
- McMahon, R. see Svensson, N.L. 1-49160
- McMahon, R.A., Ahmed, H. Comparative structural and electrical characterization of scanning-electron- and pulsed-laser-annealed silicon 1-42401
- McMahon, T. see Corden, M.J. 1-14428, 1-28352
- McMahon, T.A. see Arel, Y. 1-13374
- McMahon, T.J. see Corden, M. 1-14429
- McManus, H. see Stricker, K. 1-14557
- McManus, S.P., Smith, M.R., Smith, M.B., Shafer, S.G. Evaluation of MINDO/3 calculated structures. II. Branching errors in alkanes and cycloalkanes 1-19032
- McMaster, W.H. see Norris, D.M., Jr. 1-824
- McMasters, O.D. see Abundri, R. 1-12375
- McMasters, O.D. see Chung, Y. 1-20418
- McMasters, O.D. see Darie, M.P. 1-52351
- McMasters, O.D. see Greiner, J.D. 1-16828
- McMasters, O.D. see Johanson, W.R. 1-42674
- McMasters, O.D. see Stassis, C. 1-38481, 1-52244
- McMasters, O.D. see Stierman, R.J. 1-25826
- McMasters, O.D. see Takeshita, T. 1-30417
- McMechan, G.A., Ottolini, R. Direct observation of a p-r curve in a slant stacked wave field 1-22229
- McMenamin, D. see Porter, L.D. 1-32367
- McMillan, A.C. see Misra, P.K. 1-27222
- McMillan, D.E., Utterback, N. Maxwell fluid behavior of blood at low shear rate 1-53800
- McMillan, D.E., Utterback, N.G., Stocki, J. Low shear rate blood viscosity in diabetes 1-53801
- McMillan, J. see Franklin, R.E. 1-24775, 1-24776
- Macmillan, N.H. Resistance of refractories to wear by coke particles 1-31667
- Macmillan, N.H., Roy, R., Shaffer, P.T.B. Metal-matrix radioactive waste forms prepared by electrochemical/gravity co-deposition 1-5910
- Macmillan, N.H. see Rickerby, D.G. 1-8417, 1-16906, 1-19651
- McMillan, P.W. see Maddison, R. 1-39298
- MacMillan, R.D.C. see Hill, P.G. 1-11886
- McMillan, R.S. see Tomasko, M.G. 1-40404
- McMillan, L.S.W., Flannery, B.P., Press, W.H. Nonlinear hydrodynamics of acoustic instabilities in diffuse clouds 1-22851
- McMillan, W.L., Mochel, J. Electron tunneling experiments on amorphous $\text{Ge}_{1-x}\text{Au}_x$ 1-42692
- McMillan, W.L. see Dodson, B.W. 1-34754
- McMillan, G.B. see Kellert, F.G. 1-51282
- McMillin-Wood, J. see Michael, L.H. 1-4252
- McMinn, A. see Johnson, R. 1-39543
- McMordie, J.A. see Jones, A.T. 1-41792
- McMullan, R.K. see Jeffrey, G.A. 1-20174
- McMullen, R. see Taylor, J.P.S. 1-50716
- McMurray, R.E., Jr., Falicov, L.M. Theory of electric breakdown in solids with general two-band crossings 1-26122
- McMurray, W.R. see Bartle, C.M. 1-51014
- McMurry, R.E., Jr. see Chew, G.F. 1-50350
- McMurry, J.E., III see Wang, J.R. 1-17627
- McMurry, G.M. see Cox, M.E. 1-49257
- McMurry, W.M., Dolce, S.R. A rugged calorimeter with a fast rise time 1-14119
- MacNabb, J.R. see Allen, T.J. 1-31965
- MacNabb, A., Weir, G.J. Heat losses from an insulated pipe 1-51690
- McNair, G.W., Gore, B.F. Feasibility of close-packing fuel rods for geologic disposal of spent fuel 1-849
- McNally, J. see Thieret, T.E. 1-14144
- McNally, R.N. see Bardash, P. 1-8292
- McNamara, B.J. The blue stragglers in NGC 7789 and the binary post-main-sequence mass-exchange hypothesis 1-27503
- McNamara, D.H., Feltz, K.A., Jr. The galactic foreground reddening in the direction of the Magellanic Clouds 1-27595
- McNamara, D.H. see Feltz, K.A., Jr. 1-27531
- McNamara, D.K. see Sun, T.S. 1-16628
- McNamee, J.E., Brodman, M.L. Peribronchial electrical admittance measures lung edema and congestion in the dog 1-27019
- McNary, O., Bauer, T.H. The effect of asymmetric fuel-clad gap conductance on fuel pin thermal performance 1-41166
- McNaught, W.G., King, T.A. Fluctuations in glow discharge parameters in noble gases 1-38183
- McNaught, W.G. see Baker, H.J. 1-29347
- McNaughton, J. see Arestov, Yu. 1-5668
- McNaughton, J. see Gensch, U. 1-595

- McNaughton, M.W., Baer, H.W., Bevington, P.R., Cervera, F.H., Willard, H.B., Winkelmann, E., Chamberlain, B.P., Jarmer, J.J., King, N.S.P., Simmons, J.E., Schardt, M.A., Willmes, H. Spin correlation parameter A_{sp} in pp elastic scattering at 796 MeV 1-41051
- McNaughton, M.W., Bevington, P.R., Willard, H.B., Winkelmann, E., Chamberlain, B.P., Cervera, F.H., King, N.S.P., Willmes, H. Polarization analyzing power $A(\theta)$ in pp elastic scattering at 796 MeV 1-45508
- MacNaughton, R.M., Bloor, J.E., Sherrod, R.E., Schweitzer, G.K. The He(I) photoelectron spectra of some gaseous 3d-transition metal dihalides 1-41430
- McNeely, J.B., Klein, R.I. What about the longer wavelengths? 1-46572
- McNeil, J. see Sethuraman, S. 1-54257
- McNeil, J.A. see Amado, R.D. 1-14558
- McNeil, K.J. see Drummond, P.D. 1-340, 1-46448
- McNeil, T., Hepburn, A., Olmstead, R. The impact of data highway architectures on control and instrumentation design 1-50899
- McNeill, I.C. Instrumental methods for the study of the thermal degradation of polymers 1-48397
- McNeill, N.J., Hansen, J.S. An accuracy study for a class of rectangular isoparametric finite elements 1-49942
- McNeily, J. see Grindle, S.P. 1-16695
- McNicholas, J. see Aubert, J.J. 1-5630
- McNicholl, B.P. see Depp, R.E. 1-51633
- McNiff, E.J. see Orlando, T.P. 1-47822
- McNiff, E.J., Jr. see Rupp, G. 1-47823
- McNitt, R.P. see Murali, J. 1-16873
- McNitt, R.P. see Sisson, R.D., Jr. 1-26570
- McNiven, H.D. see Mengi, Y. 1-15396
- McNulty, G.J., Charman, J. An experiment on the effect of human stress due to noise 1-15346
- McNutt, D. see Skinner, G.K. 1-17906
- McNutt, D. see Ulmer, M.P. 1-54640
- McNutt, D.P. see Muñon, S.L. 1-36381
- McNutt, J.D. see Coleman, P.G. 1-15019
- McNutt, M. Implications of regional gravity for state of stress in the Earth's crust and upper mantle 1-27136
- McNutt, M.K. see Parker, M.J. 1-13598
- McNutt, R.H. see Longstaffe, F.J. 1-35952
- McNutt, R.L., Jr. see Belcher, J.W. 1-9412
- Macomber, H.K. Experiment on impulsive excitation, resonance, and Fourier analysis of a harmonic oscillator 1-27716
- McOmber, J.I. see Wong, T. 1-2690
- Macovski, A. see Buonocore, M.H. 1-53866
- Macovski, A. see Lehmann, L. 1-43970
- Macovski, A. see Nassi, M. 1-53868
- Macovski, A. see Popp, R.L. 1-49085
- Macovski, A. see Yeh, P.S. 1-22117
- McPeters, R.D. The behavior of ozone near the stratosphere from two years of UV observations 1-13536
- McPhedran, R.C., McKenzie, D.R. Electrostatic and optical resonances of arrays of cylinders 1-19235
- McPhedran, R.C. see Blik, P.J. 1-8694
- McPhedran, R.C. see Botten, I.C. 1-51606
- McPhee, M.G. A study of oceanic boundary-layer characteristics including inertial oscillation at three drifting stations in the Arctic Ocean 1-27187
- McPherron, R.L. see Clauer, C.R. 1-40279
- McPherron, R.L. see Mauk, B.H. 1-13646
- McPherson, A., Jurnak, F., Wang, A., Kolpak, F., Rich, A., Molineux, I., Fitzgerald, P. The structure of a DNA unwinding protein and its complexes with oligo-deoxynucleotides by X-ray diffraction 1-8808
- McPherson, A. see Aston, D. 1-50470
- McPherson, A.M., McPherson, G.L. Spectroscopic properties of $\text{Ce}^{3+}\text{-Tm}^{3+}$ center in CsCdBr_3 crystals: absorption, emission, and energy transfer 1-52992
- MacPherson, G.J., Grossman, L. A once-molten, coarse-grained, Ca-rich inclusion in Allende 1-40430
- McPherson, G.L., Willard, S.C. Exciton migration in crystals of $\text{CsMnCl}_3 \cdot 2\text{H}_2\text{O}$ and $\text{CsMnBr}_3 \cdot 2\text{H}_2\text{O}$ 1-47482
- McPherson, G.L. see McPherson, A.M. 1-52992
- McPherson, J.W., Collis, W., Stefanakos, E., Safavi, A., Abul-Fadi, A. Band bending and passivation studies of GaAs grain boundaries 1-34650
- Macpherson, P.C., Meldrum, S.J., Tunstall-Pedoe, D.S. Spectrum analysis of Doppler ultrasound 1-22095
- McPherson, R. On the formation of thermally sprayed alumina coatings 1-34594
- McPherson, R. Compositional effects on reheat cracking of low-alloy ferritic steels 1-39438
- McPherson, R. see Egelsztal, P.A. 1-30035
- McPherson, R.B. Environmental radon and radon daughter dosimetry in the respiratory tract 1-44004
- McPherson, R.L., Barfield, J.N. A seasonal change in the effect of field-aligned currents at synchronous orbit 1-40278
- MacPherson, R.W., Antcliff, J.C. Surface failure of CO_2 laser irradiated glass 1-39190
- McPherson, W.P. see Aroney, M.J. 1-24279
- MacPhie, R.H. On using pressure and pressure gradient sensor pairs in linear acoustic arrays 1-29468
- Macphie, R.H. see Sinha, B.P. 1-18047
- McPhun, M.K. see Tran, S.M. 1-35985
- Macq, P. see Gilot, J.F. 1-28341
- McQuarrie, D. see Medina-Noyola, M. 1-35539
- McQuarrie, D.A. see Croxton, T.L. 1-43671
- McQuarrie, S.A., Ediss, C., Man, S.F.P. A small scintillation camera for imaging in one dimension 1-49110
- McQueen, D. see Plunt, J. 1-41911
- McQueen, D.H. The electric arc furnace as a noise source 1-37705
- McQueen, D.M. see Peskin, C.S. 1-4387
- McQueen, H.J., Baudette, B. Comparison and contrast of mechanisms, microstructures, ductilities in superplasticity and dynamic recovery and recrystallization 1-12844
- McQueen, H.J., Sankar, J., Fulop, S. Fracture under hot forming conditions 1-39460
- McQueen, H.J. see Fritzsche, L. 1-12779
- Macqueen, J.F. see Fisher, B.E.A. 1-44231
- MacQueen, R.M. The High Altitude Observatory of the National Center for Atmospheric Research, Boulder, Colorado 1-36177
- MacQueen, R.M. see Kohl, J.L. 1-22753
- MacQueen, R.M. see Trotter, G. 1-22768
- McQuillan, B.W., Bartlett, N., Mallouk, T. The relationship between gas phase oxidation strengths and graphite intercalation reactions 1-39671
- McQuillan, G.P. see McKean, D.C. 1-14900
- McRae, E. see Billaud, D. 1-34755, 1-47627
- McRae, E. see El Makrini, M. 1-38769
- McRae, E. see Mareche, J.F. 1-38904
- McRae, E. see Vasse, R. 1-39621
- McRae, E.G. see Dietz, R.E. 1-3033
- McRae, J.E. see Gradel, T.E. 1-35731
- Macrae, K.I. Origin of Higgs fields 1-10081
- McRee, D.I. see Galvin, M.J., Jr. 1-32187
- Macri, M. see Berglund, A. 1-36881
- Macri, M. see Bozzo, M. 1-23961
- Macris, G.J. On the distribution of solar energy in Greece 1-17166
- MacRoberts, D.T. Clocks and special relativity 1-32841
- McRoberts, M. see Partlow, W.D. 1-46928
- McRoberts, T.S. see Clifford, J.S. 1-35617
- McShan, D.L., Glicksman, A.S. An interactive three-dimensional radiation treatment planning system 1-22126
- McShane, H.B. see Sheppard, T. 1-43299
- McShane, W.J. see Nolan, J.E. 1-18805
- Macstithigh, G.P. see Foslidge, R.L. 1-19634
- Macsporran, W.C. On the suspended syphon elongational rheometer 1-38029
- McSweeney, H.Y., Jr., Stolper, E.M. Basaltic meteorites 1-4838
- McTague, J.P., Nielsen, M., Passell, L. Structure and phase transitions in physisorbed monolayers 1-7476
- McTague, J.P. see Frenkel, D. 1-7063
- McTague, J.P. see Maguire, J.F. 1-21976
- Macur, R.A. see Myklebust, J.B. 1-53914
- Macura, S., Ernst, R.R. Elucidation of cross relaxation in liquids by two-dimensional NMR spectroscopy 1-10003
- McVay, G.L., Buckwalter, C.Q. The nature of glass leaching 1-28633
- McVay, G.L. see Buckwalter, C.Q. 1-12914
- McVoy, K.W. see Friedman, W.A. 1-45488
- McVoy, K.W. see Hussein, M.S. 1-28452
- McWeeny, R., Pickup, B.T. Quantum theory of molecular electronic structure 1-10658
- McWhan, D.B., Fleming, R.M. Neutron and X-ray scattering studies of magnetic and electronic transitions 1-30944
- McWhan, D.B. see Andres, K. 1-16408
- McWhan, D.B. see Cava, R.J. 1-30463
- McWhan, D.B. see Moncton, D.E. 1-30883
- McWhinnie, W.R. see James, B.S. 1-21616
- McWhirter, I. see Rees, D. 1-33056
- McWhirter, R.W.P. see Doyle, J.G. 1-27453
- McWhorter, J.C., III, Sadd, M.H. Numerical anisotropic heat conduction solutions using boundary-fitted coordinate systems 1-24651
- McWilliams, B., Ling-Fong Li. Virtual effects of Higgs particles 1-50371
- McWilliams, B., Shanker, O. The general $K^0 \rightarrow K^0$ and $D^0 \rightarrow D^0$ transition amplitude in the MIT bag model 1-33162
- McWilliams, D.A. see Kerney, P.J. 1-48931
- McWilliams, J.C. An application of equivalent modons to atmospheric blocking 1-4564
- McWilliams, J.C., Gent, P.R. Intermediate models of planetary circulations in the atmosphere and ocean 1-49332
- McWilliams, J.C., Shen, C.Y. Mesoscale modal coupling 1-22349
- McWilliams, J.C. see Flierl, G.R. 1-4563
- McWilliams, M.O. see Kroner, A. 1-40047
- McWithey, R.R. see Garcia, R. 1-35308
- Macy, W., Jr. see Smith, W.H. 1-22723
- Maczka, D., Latuszynski, A., Pomorski, J. 15 years of electromagnetic isotope separation in the Nuclear Physics Department, Institute of Physics, UMCS, Lublin 1-6038
- Maczka, D., Meldidon, A., Zuk, W. Measurements of efficiency of a separator ion source with Penning ionisation 1-6975
- Mada, H. see Shimoda, S. 1-38276
- Mada, J., Yamaguchi, K. Stripe domain width in bubble garnet films 1-16466
- Madan, A. Localized state distribution in amorphous-silicon-based alloys using the field effect technique 1-30682
- Madan, A., Czubyatj, W., Adler, D., Silver, M. Carrier-generation efficiencies in a-Si:F:H-based photovoltaic devices 1-7662
- Madan, A., McGill, J., Czubyatj, W., Yang, J., Ovshinsky, S.R. Metal-insulator-semiconductor solar cells using amorphous Si:F:H alloys 1-39765
- Madan, A. see Adler, D. 1-42814
- Madan, A. see Shur, M. 1-43782
- Madan, A.K. see Singh, V.P. 1-37965
- Madan, M.P. see Lai, C.S. 1-46148
- Madansky, L. see Stroynowski, R. 1-18522
- Madarasz, F.L., Klemens, P.G. Phonon scattering by dislocations in metallic alloys 1-52249
- Madariaga, H. see Deschamps, A. 1-44111
- Madariaga, R. see Deschamps, A. 1-44112
- Madatova, E.G. see Dekhtyar, I.Ya. 1-43210, 1-53013
- Maddarsi, M. El see El Maddarsi, M.
- Madden, P.A., Battaglia, M.R., Cox, T.I., Pierens, R.K., Champion, J. The orientational correlation parameter g_2 of symmetrical benzene derivatives 1-30023
- Madden, P.A. see Cox, T.I. 1-39071
- Madden, P.A. see Masters, A.J. 1-50049
- Madden, R.A., Ramanathan, V. Detecting climate change due to increasing carbon dioxide 1-27248
- Maddison, R., McMillan, P.W. The production and characterisation of materials having high specific surface areas from E glass 1-39298
- Maddock, C. see Pingree, R.D. 1-9165
- Madej, C. see Pedrini, C. 1-52600
- Madej, J. Departures from local thermodynamic equilibrium in hot main sequence star atmospheres. I 1-32696
- Madelaine, G.J., Perrin, M.L., Renoux, A. Formation and evolution of ultrafine particles produced by radiolysis and photolysis 1-43711
- Madell, J.T. see Saphier, D. 1-50829
- Madenov, G.M. see Spangenberg, B. 1-2968
- Mader, S. Interaction of mechanical stress with residual defects in implanted Si 1-11774
- Madey, J.M.J., Taber, R.C. Equations of motion for a free-electron laser with a transverse gradient 1-10975
- Madey, J.M.J. see Elias, L.R. 1-19313
- Madey, J.M.J. see Smith, T.I. 1-46279
- Madey, R. see Anderson, B.D. 1-41109
- Madey, R. see Knudson, J.N. 1-14642
- Madey, T.E. see Kelley, R.D. 1-2799
- Madeya, M. see Van Syn Chan 1-45418
- Madge, H. see Gladun, C. 1-38761
- Madhav Rao, L. see Chakravarthy, R. 1-7812
- Madhukar, A., Das Sarma, S. Electron-phonon coupling and resonant magneto-phonon effect in optical behaviour of two-dimensionally confined charge carriers 1-7725
- Madhukar, A., Das Sarma, S. Intrinsic and extrinsic interface states at lattice matched interfaces between III-V compound semiconductors: the InAs/GaSb(110) system 1-16352
- Madhukar, A., Delgado, J. The electronic structure of Si/GaP(110) interface and superlattice 1-52635
- Madhukar, A. see Das Sarma, S. 1-12137
- Madhukar, A. see Grunthaner, F.J. 1-43239
- Madhukar, A. see Sarma, S.D. 1-15993, 1-47519
- Madhusudan, V., Sathyanarayan, S.G., Sivarama Sastry, G. Study of electrical conductivity in dicalcium barium propionate single crystals 1-25730
- Madhusudan Rao, B. see Satyabala, S.P. 1-258
- Madhusudana, C.V. Experiments of heat flow through Zircaloy-2/uranium dioxide surfaces in contact 1-11924
- Madhusudana, N.V. see Chandrasekhar, S. 1-38271
- Madhusudhana Rao, B. see Ernest Raj, P. 1-22611
- Madhusudhana Rao, D.M. see Victor, P. 1-13628
- Madhusudhana Rao, D.N. see Chandrasekhar, R. 1-40265
- Madhavanath, U., Massand, O.P., Venkataraman, G. Experience in fast neutron personnel monitoring in India 1-53910
- Madhavanath, U. see Singh, D. 1-18900
- Madigan, M., Hocker, L.O., Flint, J.H., Dewey, C.F., Jr. Pressure dependence of the infrared laser lines in barium vapor 1-29260
- Madin, M.L., Perevertun, V.M. Energy and spectroscopic characteristics of a low-voltage pulsed discharge in a vacuum 1-7022

- Madina, S.Sh.** Relative distribution of N_2 and N_2^+ with respect to rotational and vibrational levels of excited electronic states 1-51180
- Madison, D.H.** *see* Stewart, M. 1-46133
- Madison, J.P.** *see* Courtney, J.C. 1-18898
- Madix, R.J., Benziger, J.** Kinetic processes on metal single-crystal surfaces 1-13039
- Madix, R.J.** *see* Barteau, M.A. 1-38654
- Madix, R.J.** *see* Fair, J. 1-8610
- Madix, R.J.** *see* Fair, J.A. 1-8611
- Madix, R.J.** *see* Johnson, S. 1-53471
- Madix, R.J.** *see* Ko, E.I. 1-20568
- Madix, R.J.** *see* Ko, E.J. 1-26771
- Madix, R.J.** *see* Sexton, B.A. 1-30548
- Madni, I.K., Agrawal, A.K.** LMFB system analysis: impact of heat transport system on core thermal-hydraulics 1-23797
- Madon, M., Bell, P.M., Mao, H.K., Poirier, J.P.** Transmission electron diffraction and microscopy of synthetic high pressure $MgSiO_3$ phase with perovskite structure 1-22328
- Madon, M.** *see* Lacam, A. 1-13436
- Madore, B.** *see* Hanes, D. (editor) 1-22955
- Madore, G.** *see* Checke, J.D.N. 1-15962
- Madou, M.J.** *see* Morrison, S.R. 1-25502
- Madraswala, K.H.** *see* Sastry, M.D. 1-42532
- Madrid, M.A.** *see* Grisham, D.L. 1-50976
- Madren, J.U.** *see* Cotterill, R.M.J. 1-20362, 1-38491
- Madren, V.A.** *see* Osterfeld, F. 1-36950
- Madson, J.M., Theby, E.A.** Rotary-valve gas pulser 1-15547
- Madurga, G., Lozano, M., Jadraque, A.** The role of rainbow refraction in heavy ion elastic scattering 1-719
- Madurga, G.** *see* Vinas, F.J. 1-45524
- Madvalley, U.** Inversion of the photoacoustic spectrum in $Pr(NO_3)_3$ powders 1-42475
- Madzharova, N.A., Goranova, E.A., Lazarova, V.B., Beshkov, G.D., Dinev, O.P.** Quick method for checking the phosphorus concentration in pyrolytic phosphorus-silicon glasses 1-53507
- Maek, W.J.** Status of fission yield measurements 1-50785
- Maeda, C., Nishiyama, T., Masuo, R., Muraoka, S.** An analysis of deformation of a single flat spring used as a fulcrum of scale 1-23187
- Maeda, E., Aratani, K., Kawakami, T., Kishida, H.** Erosion of $Si_3N_4-Al_2O_3$ sintered articles by molten steel 1-43543
- Maeda, H.** *see* Iizuka, S. 1-6996
- Maeda, H.** *see* Owens, D.K. 1-25073
- Maeda, H.** *see* Takeda, M. 1-40259
- Maeda, H.** *see* Terauchi, H. 1-34256
- Maeda, I.** *see* Shimizu, N. 1-54014
- Maeda, J., Murata, K.** Retrieval of wave aberration from point spread function or optical transfer function data 1-37420
- Maeda, K., Takeuchi, S.** Enhanced glide of dislocations in GaAs single crystals by electron beam irradiation 1-52141
- Maeda, K.** *see* Chandra, S. 1-22396
- Maeda, K.** *see* Egami, T. 1-30064
- Maeda, K.** *see* Ejiri, H. 1-33237
- Maeda, K.** *see* Endo, H. 1-1160
- Maeda, K.** *see* Kobayashi, S. 1-26531
- Maeda, K.** *see* Mizoguchi, T. 1-12765, 1-30983
- Maeda, K.** *see* Nakagawa, K. 1-26547
- Maeda, K.** *see* Sakai, H. 1-691
- Maeda, K.** *see* Suzuki, I.H. 1-6394
- Maeda, K.** *see* Suzuki, K. 1-52139
- Maeda, M.** Elastic anomalies in ferroelectric $Rb_2Cd(SO_4)_2$ 1-7230
- Maeda, M., Mizunuma, T., Sato, A., Miyazoe, Y.** Amplification of UV picosecond pulses by excimer lasers 1-51454
- Maeda, M., Nishitarumizu, T., Miyazoe, Y.** Electrical circuit design of fast-discharge system for high-power rare-gas halide lasers 1-41723
- Maeda, M., Nomiyama, Y., Miyazoe, Y.** Counting of Cs atoms by selective photoionization method 1-41355
- Maeda, M.** *see* Hibi, S. 1-43358
- Maeda, M.** *see* Hishida, K. 1-37927
- Maeda, M.** *see* Takei, H. 1-12650
- Maeda, M.** *see* Tsujino, T. 1-33337
- Maeda, M.** *see* Uchino, O. 1-36017, 1-54183
- Maeda, O.** Color change of flame retardant polybutylene terephthalate 1-4045
- Maeda, R.** *see* Ichinose, M. 1-4846
- Maeda, S., Handa, S.** Transmission of large-scale TIDs in the ionospheric F2-region 1-27337
- Maeda, S., Hirohata, Y., Watanabe, K., Yamashita, T.** Measurement of roughness factor of stainless steel with ion bombardment 1-30535
- Maeda, S.** *see* Kamisaki, T. 1-3380
- Maeda, S.** *see* Nakajima, Y. 1-7077
- Maeda, S.** *see* Watanabe, K. 1-26339
- Maeda, T.** *see* Orito, T. 1-32251
- Maeda, Y.** *see* Ohta, A. 1-48635
- Maeda, Y.** *see* Tazaka, S. 1-22654
- Maeda, Y.** *see* Ushida, N. 1-546
- Maeder, A.** Supergiant variability: amplitudes and pulsation constants in relation with mass loss and convection 1-17836
- Maeder, A.** The most massive stars in the galaxy and the LMC: quasi-homogeneous evolution, time-averaged mass loss rates and mass limits 1-32695
- Maeder, A., Lequeux, J., Azzopardi, M.** The numbers of red supergiants and WR stars in galaxies: an extremely sensitive indicator of chemical composition 1-13847
- Maeder, A., Mermilliod, J.C.** The extent of mixing in stellar interiors: evolutionary models and tests based on the HR diagrams of a 34 open clusters 1-36267
- Maeder, A., Mermilliod, J.C.** Open clusters as tests of stellar evolution 1-36356
- Maeder, A.** *see* Schatzman, E. 1-44524
- Maeder, C.** *see* Makai, M. 1-45573
- Maeder, G.** *see* Lebrun, J.L. 1-21478
- Maehlum, B.** *see* Grandal, B. 1-32578
- Maekawa, H., Hosokawa, M.** Model for the lipid monolayer-phase transitions 1-43847
- Maekawa, M., Wada, K.** On the relation of two approaches to Rubin's model of Brownian particles 1-32912
- Maekawa, R.** *see* Orito, T. 1-32251, 1-40009, 1-53911
- Maekawa, S.** Ferromagnetic tunneling junctions 1-12210
- Maekawa, S., Fukuyama, H., Kobayashi, S.** Successive phase transitions in superconducting granular films 1-42885
- Maekawa, S., Huang, C.Y.** Roles of crystal fields in magnetic superconducting rare-earth rhodium borides 1-25856
- Maekawa, T.** *see* Ichinose, J. 1-11885
- Maekawa, T.** *see* Suzuki, M. 1-4191, 1-21050
- Maeland, A.J., Libowitz, G.G.** Hydrogen absorption in some A_2B intermetallic compounds with the $MoSi_2$ -type structure ($C11_b$) 1-20558
- Maeland, A.J., Tanner, L.E., Libowitz, G.G.** Hydrides of metallic glass alloys 1-20557
- Maeland, A.J.** *see* Rush, J.J. 1-7276
- Maeng Sun-Chae** *see* Sun-Chae Maeng
- Maeno, K., Oguchi, H.** Study on N_2/CO_2 mixing gasdynamic laser by means of synchronized operation of two shock tubes 1-46378
- Maeno, K.** *see* Sakamoto, Y. 1-29922, 1-29941
- Maeno, M., Ohtsuka, H., Yamamoto, S., Yamamoto, T., Suzuki, N., Fujiwara, N., Ogiwara, N.** Mechanism of unipolar arcs in Tokamaks 1-29912
- Maeno, M.** *see* Matsuzaki, Y. 1-2226
- Maeno, M.** *see* Ohtsuka, H. 1-25087
- Maeno, M.** *see* Shimada, M. 1-11539
- Maeno, M.** *see* Suzuki, N. 1-25039
- Maenpaa, M.** *see* Sadana, D.K. 1-15912
- Maerker, R.E.** S_0 transport calculations of the PCA experiments with some estimated uncertainties 1-18788
- Maerker, R.E., Marable, J.H., Wagschal, J.J.** Estimation of the uncertainties in the ENDF/B-V ^{235}U fission spectrum 1-50672
- Maerker, R.E.** *see* Wagschal, J.J. 1-18790, 1-50980
- Maerz, G.** *see* Ledbetter, H.M. 1-43391
- Maes, J.** *see* Gerber, G.B. 1-49073
- Maes, M.A.** *see* Decraemer, W.F. 1-4311
- Maestre, M.F.** *see* Bustamante, C. 1-24355, 1-29207
- Maestrello, L.** *see* Yen, D.H.Y. 1-1751
- Maestro, P.** *see* Demazeau, G. 1-7805, 1-35203
- Maeva, O.I.** *see* Dmitruk, N.L. 1-38833
- Maewal, A.** *see* Murakami, H. 1-33891
- Maeyer, L.** *see* De Maeyer, L.
- Maffei, H.P.** *see* Colburn, R.P. 1-45621
- Mafitoul, J.** *see* Buchet, G. 1-15723
- Magard, L.** *see* Kang, Y.Q. 1-54115
- Magakyian, T.Yu.** *see* Greenstein, J.L. 1-27490
- Magana, J.W.** *see* Holt, J.B. 1-12738
- Magana, L.F.** Critical temperature of superconducting metallic hydrogen 1-20904
- Magarino, J.** *see* Adam, A. 1-16486
- Magarino, J.** *see* Bertrand, D. 1-3383
- Magaritz, M.** *see* Nadler, A. 1-4547
- Magat, L.M.** *see* Ivanova, G.V. 1-26465
- Magat, P., Le Floch, A.C., Lebreton, J.** Rotational analysis of the $A^{11}-X^{12}$ system of germanium monosulfide: GeS 1-14862
- Magaw, R., Naughton, M., Shaw, R.** Research identifies areas for better radiation control 1-50953
- Magaziner, E.L.** *see* Fritsch, J.M. 1-44324
- Magda, M.T., Pop, A., Poenaru, D., Sandulescu, A., Greiner, W.** Synthesis of super-heavy elements in heavy-ion fusion reactions 1-41155
- Magde, D.** *see* Gaffney, S.T. 1-51477
- Magde, J.C.** *see* Guerout, M. 1-7888
- Magee, C.B., Liu, J., Lundin, C.E.** Relationships between intermetallic compound structure and hydride formation 1-20121
- Magee, C.W.** Depth profiling of phosphorus in silicon using cesium bombardment negative SIMS 1-30263
- Magee, C.W.** *see* Carlson, D.E. 1-4200
- Magee, C.W.** *see* Cohen, S.A. 1-25055
- Magee, C.W.** *see* Langley, R.A. 1-25060
- Magee, C.W.** *see* Meservy, E.B. 1-24992
- Magee, C.W.** *see* Sadana, D.K. 1-15912
- Magee, M.J.** *see* Rahman, M.M. 1-54300
- Magee, T.J., Lee, K.S., Ormond, R., Blattner, R.J., Evans, C.A., Jr.** Annealing of damage and redistribution of Cr in boron-implanted Si_3N_4 -capped GaAs 1-20248
- Magee, T.J., Lee, K.S., Ormond, R., Evans, C.A., Blattner, R.J., Hopkins, C.** Low-temperature redistribution of Cr in boron-implanted GaAs in the absence of encapsulant stress 1-15916
- Magee, T.J.** *see* Kasahara, J. 1-2477
- Mageramov, A.B., Pykhlov, A.F.** Scattering of light by homogeneously exposed specimens of indium selenide films 1-37444
- Mageria, A., Pietraszkiewicz, K.** Position of the optimal reference sphere for apodized optical systems 1-37426
- Magerl, A., Rowe, J.M., Richter, D.** Observation of low-energy excitations in NbD: A simple lattice-dynamical model 1-47190
- Magerl, A., Zabel, H.** Phonons in the graphite-potassium intercalation compound $C_{36}K$ 1-42490
- Magerl, G., Schupita, W., Bonek, E., Kreiner, W.A.** Direct frequency reading laser spectroscopy: ν_1 fundamental and Stark effect of CH_3F 1-24140
- Magerlein, J.H.** Specific capacitance of Josephson tunnel junctions 1-47809
- Maget, H.J.R.** High performance photovoltaic systems 1-53623
- Magg, M.** *see* Lazarides, G. 1-18411
- Maggi, G.** Perils of short waves and microwaves 1-35852
- Maggi, L.** *see* Albini, A. 1-35720
- Maggiara, A.** *see* Balestra, F. 1-28504
- Maggiara, G.M.** *see* Yoffe, J.A. 1-29077
- Maggiore, C.J.** Materials analysis with a nuclear microprobe 1-21827
- Maggiore, D.** *see* Barbaliscia, F. 1-54161
- Magiera, A.** Bessel apodizing filter in optical systems with partially coherent light 1-46536
- Magiera, E.** *see* Schmidt, R. 1-9023
- Magill, J.** Reply to 'Comments on a time-dependent ionization algorithm' 1-51911
- Magini, M.** X-ray diffraction study of concentrated chromium (III) chloride solutions. I. Complex formation analysis in equilibrium conditions 1-4065
- Magini, M.** Evidence of iron(III)-oxalato complex formation in aqueous solution from X-ray diffraction 1-48654
- Maginu, K.** Existence and stability of periodic travelling wave solutions to Nagumo's nerve equation 1-48978
- Magistretti, F.** On a new version of ophthalmoscope: with prisms, direct, binocular, small magnification and with large test field 1-8945
- Maglieri, D.J., Carlson, H.W., Hubbard, H.H.** Status of knowledge of sonic booms 1-37964
- Magliorini, P.** *see* Barbaliscia, F. 1-54161
- Magnan, C.** *see* Gros, M. 1-36174
- Magne, N., Molva, E., Bensahel, D., Romestain, R.** Pair spectra in copper-doped zinc-telluride 1-12576
- Magne, N.** *see* Molva, E. 1-31189
- Magne, N.** *see* Pautrat, J.L. 1-12067
- Magne, B.A., Spiegel, S.L., Scarlet, R.I., Andrews, J.B.** The relationship of tidal and low-frequency currents on the North slope of Georges Bank 1-54118
- Magner, A.G., Kolomietz, V.M., Strutinskii, V.M.** Shell effects on the statistical properties of nuclei at large angular momentum 1-33209
- Magnera, T.F., Sunner, J., Kebabian, P.** Application of radiofrequency fields to the repeller of a high-pressure mass spectrometer—a T-jump-type technique for the study of ion equilibria kinetics 1-36761
- Magneron, B.** Canonical intertwining operators between homomorphically induced, equivalent representations of a nilpotent Lie group and Maslov index 1-14263
- Magrin, T., Driver, J.H.** Shear band formation during low-cycle fatigue of α -Fe based single crystals 1-31654
- Magritskiy, V.A.** *see* Kalashnikova, I.V. 1-13443
- Magrioli, D.** *see* Orlando, A.F. 1-17273
- Magro, A.** *see* Adam, M. 1-23909
- Magro, A.** *see* Bardin, G. 1-45469
- Magroo-Ashtekar, A.** *see* Ashtekar, A. 1-439
- Magrota, F., Johnston, H.S.** Photodissociation quantum yields for the NO_2 free radical 1-22397
- Magnus, I.A.** The future prospects for lasers in dermatological photobiology 1-35873
- Magnus, K.** Active gyroscopic systems 1-27770
- Magnus, K.E.** *see* King, B. 1-36477
- Magnus, W.** *see* Stella, A.L. 1-30958
- Magnuson, A.W.** *see* Garrett, B.C. 1-6343, 1-48659
- Magnuson, G.D.** *see* Parmer, J.F. 1-48871
- Magnome, N.** *see* Honda, T. 1-19286
- Magome, N., Imamura, T., Ueha, S., Tsujiuchi, J.** Acoustical interferometric method for measuring the internal stress distribution in a solid 1-51725
- Magome, N.** *see* Nakadate, S. 1-1529

- Magomeda, N.S., Zvonkova, Z.V., Neigauz, M.G., Novakovskaya, L.A. Crystal structure of the γ -modification of 2-p-dimethylaminobenzylidene-1,3-indandione 1-7159
- Magomedov, A.M. An anomaly in the kinetic properties of tin in the polymorphic phase transition region 1-16038
- Magomedov, Kh.A. see Rizakhanov, M.A. 1-2814
- Magomedov, M.A. see Rizakhanov, M.A. 1-2814
- Magomedov, M.R.M. see Aliiev, Kh.K. 1-11889
- Magomedov, G.M. see Fjodorova, W.N. 1-3815
- Magruder, R.H., III see Weeks, R.A. 1-31173
- Maguire, C.F. see Gavron, A. 1-33270
- Maguire, C.F. see Young, G.R. 1-14534
- Maguire, J.F., McTague, J.P., Rondelez, F. Rotational diffusion of sterically interacting rodlike macromolecules 1-21976
- Maguire, J.F. see Iwasa, Y. 1-53627
- Maguire, P.K.H., Birmingham, P.M., Francis, D.J. A relative P-wave delay study between Eskdalemuir and Charnwood forest 1-54009
- Maguire, P.K.H. see Whitcombe, D.N. 1-4445
- Magun, A. see Suzuki, S. 1-4880
- Magun, A. see Wiehl, H.J. 1-36239
- Magunov, A.I. see Balashov, V.V. 1-33568
- Magurno, B.A. Status of data testing of ENDF/B-V reactor dosimetry file 1-50991
- Magyar, A. see Fehervari, J. 1-13321
- Magyar, M., Mozes, G., Kristof, M. Paralysis of low and medium activity fluid radioactive wastes by application of crude oil bitumens 1-801
- Magyari, E. Relativistic consistency of the logarithmic heavy quark model 1-5589
- Magyari, E. Magnetic solitons as envelope solitons in a large class of the nonlinear Schrödinger equations 1-20949
- Magyari, E. Exact quantum-mechanical solutions for anharmonic oscillators 1-36528
- Mahadevan, V. see Mohammad Ibrahim, A. 1-34465
- Mahaffey, C. see Duvall, T. 1-27465
- Mahaffey, J.A. Enhanced computer reliability for nuclear power applications 1-23778
- Mahaffey, J.A., Davis, M.V. An experimentally measured relationship between flux tilt and excess reactivity 1-37004
- Mahaffey, P.R., Dignan, M.J. Carbon monoxide adsorption on Ni(110) studied by infrared ellipsometric spectroscopy 1-8078
- Mahajan, G.R., Srivastava, B.K., Chaudhury, N.K., Iyer, R.H. On the electrochemical etching of nuclear particle tracks in cellulose nitrate films using 50 Hz high voltage power supply 1-23975
- Mahajan, M.D. see Patel, S.M. 1-36671
- Mahajan, O.P. see Moreno-Castilla, C. 1-35196
- Mahajan, R.L., Gebhart, B. Higher-order boundary layer effects in plane horizontal natural convection flows 1-24805
- Mahajan, R.L., Mahajan, R.L. Hot-wire anemometer calibration in pressurized nitrogen at low velocities 1-2109
- Mahajan, R.L. see Mahajan, R.L. 1-2109
- Mahajan, S. see Gleiter, H. 1-20210
- Mahajan, S. see Langhoff, C.A. 1-37196
- Mahajan, S. see Singh, N. 1-52348
- Mahajan, S.M. see Hazeltine, R.D. 1-38095
- Mahajan, S.M. see Hitchcock, D.A. 1-51920
- Mahajan, V.N. Zernike annular polynomials for imaging systems with annular pupils 1-37422
- Mahajan, V.N., Govignon, J., Morgan, R.J. Adaptive optics without wavefront sensors 1-46250
- Mahadani, N.V. see Bushe, M.K. 1-30354
- Mahalingam, S. The influence of internal coupling of the interdependence of response spectra 1-6814
- Mahalingam, T., Radhakrishnan, M., Balasubramanian, C. Electrical properties of samarium fluoride thin films 1-31090
- Mahalingam Venkatachalam, C., Urry, D.W. Analysis of multisite ion binding using sodium-23 NMR with application to channel-forming, micellar-packaged malonyl gramicidin 1-43713
- Mahammad Ibrahim, A., Mahadevan, V., Srinivasan, M. Low glass transition temperature aliphatic polyurethanes 1-34465
- Mahan, B.H. see Anderson, S.L. 1-37273
- Mahan, B.H. see Grieman, F.J. 1-46009
- Mahan, B.H. see Hansen, S.G. 1-12985
- Mahan, G.D. Electron energies of ions in crystals 1-12631
- Mahan, G.D. Modified Sternheimer equation for polarizability 1-14793
- Mahan, G.D. Covalent bonds in ionic crystals 1-20100
- Mahan, J.E. see Smirnov, G.M. 1-4197
- Mahanta, M.N. Is gravitation essentially a macroscopic phenomenon? 1-10133
- Mahantappa, K.T., Randa, J. Nondiffractive ψ photoproduction mechanisms 1-45318
- Mahantappa, K.T., Sher, M.A. Higher-order calculation of the radiatively induced Higgs-meson mass 1-10223
- Mahantappa, K.T., Randa, J. (editor) Quantum Flavoredynamics, Quantum Chromodynamics, and Unified Theories. NATO Advanced Study Institute Proceedings 1-13903
- Mahanty, J. Velocity dependence of the van der Waals force between molecules 1-19153
- Mahapatra, B.P. The effect of $O(1/Q^2)$ contributions in scaling violation of the moments of nucleon electromagnetic structure functions 1-18480
- Mahapatra, P.K. see Roy, C.L. 1-12078
- Mahapatra, S. see Bhatgadde, L.G. 1-16929
- Maharana, J. see Goldstein, G.R. 1-28298, 1-36842
- Maharana, L. see Misra, S.P. 1-33189
- Mahaux, C. see Bernard, V. 1-45446
- Mahaux, C. see Jamison, M. 1-14486
- Mahleldt, R., Holinde, K. Theoretical determination of the asymptotic D- to S-state normalization of the deuteron wave function 1-28307
- Mahdavian, S.M. An improved thermal Reynolds equation and its application to the analysis of an elastohydrodynamic inlet zone 1-46751
- Maher, D.M. see Joy, D.C. 1-17141
- Maher, E.F. see Bickley, W.P. 1-20795
- Maher, E.F. see Herbert, D.C. 1-3009
- Maher, J.W., Haward, R.N., Hay, J.N. Study of the thermal effects in the necking of polymers with the use of an infrared camera 1-52333
- Maher, L.J. see Sanders, G.D. 1-13645
- Maher, L.J., Jr. The latitudinal variation of the charge exchange induced atomic hydrogen escape flux 1-9314
- Maher, W.E. see Holmes, B.J. 1-34094
- Maheshri, J.C. see Palmer, H.S. 1-33883
- Maheshwari, P.N., Katzen, M.J. The role of the nuclear physicist in biomedical applications 1-43924
- Maheshwari, P.N. see Katzen, M.J. 1-50963
- Maheshwaran, M. see Gnanaraj Canagaratna, S. 1-21760
- Mahlein, H.F. Wavelength-selective beam splitters with minimum polarizing effects for wavelength-division multiplexing in optical communication systems 1-41877
- Mahlein, H.F. see Reichelt, A. 1-11152
- Mahler, G. see Golka, J. 1-30252
- Mahler, Y. see Adler, D. 1-27017
- Mahlman, H.A. see Cain, C., Jr. 1-759
- Mahlman, J.D. see Liu, S.C. 1-44256
- Mahlman, J.D. see Moxim, W.J. 1-13534
- Mahmoud, E.A. see Korkata, M.F. 1-2331
- Mahmoud, M.A. see Mahmoud, S. 1-3515
- Mahmoud, S., Abou el Ela, A.H., Eid, A.H., Mahmoud, M.A. Some optical properties of bismuth films 1-3515
- Mahmoud, S.F. Electromagnetic scattering by a layered Earth with arbitrarily varying subsurface impedance 1-53983
- Mahn, D.A. Practical application of taped random screening using digital vibration control systems 1-24585
- Mahnke, H.-E. see Hauser, O. 1-34963
- Mahon, R. see Tomkins, F.S. 1-41782
- Mahon, W.A.J., Cusicanqui, H. Geochemistry of the Puchaldiza and Tuja hot springs, Chile 1-44223
- Mahon, W.A.J., McDowell, G.D., Finlayson, J.B. Carbon dioxide: its role in geothermal systems 1-44222
- Mahoney, J. An exercise in rotational motion 1-27751
- Mahoney, J. see Bini, M. 1-14541
- Mahoney, J. see Lebrun, D. 1-41089
- Mahoney, M.R. see Cooney, R.P. 1-28976
- Mahoney, M.W. see Tien, J.K. 1-21515
- Mahoney, S.A. Cost of locomotion and heat balance during rest and running from 0 to 55°C in a patas monkey 1-48964
- Mahoney, W.A., Ling, J.C., Jacobson, A.S., Tapphorn, R.M. The HEAO 3 gamma-ray spectrometer 1-32623
- Mahony, J.J., Pritchard, W.G. Wave reflexion from beaches 1-40140
- Mahr, H. see Frigo, N. 1-37514
- Mahr, P.F. see Brockway, G.S. 1-11160
- Mahra, H.S. see Pant, P. 1-22609
- Mahrt, L. On the dynamics of gravity flows 1-49376
- Mai, C., Guenin, G., Morin, M., Livet, F., Gobin, P.F. Observation of dislocations in a β -Cu-Zn-Al alloy before and after thermoelectric martensitic transformation by X-ray topography 1-21446
- Mai, C. see Beguin, F. 1-42368
- Mai, H. see Ilgen, L. 1-21683
- Mai, Y.W., Atkins, A.G. Crack stability in fracture toughness testing 1-21674
- Mai, Y.W., Head, D.R., Cotterell, B., Roberts, B.W. Mechanical properties of Nylon 6 subjected to photodegradation 1-31533
- Mai, Y.W., Jacob, L.J.S. Thermal fracture of building glass subjected to solar radiation 1-43523
- Mai-Viet, T. see Wall, T.F. 1-24858
- Maiani, L. see Barbieri, R. 1-14331
- Maiboroda, V.D., Cherkasov, V.A., Ryabov, V.P. Viscous characteristics of processing compositions for diffusion photographic processes 1-28096
- Maiboroda, V.P., Karyuk, G.G., Trefilov, V.I., Grishchishina, L.N., Nemtsova, N.Ya., Palaguta, N.G., Gavriluk, G.V. Strength of a composite abrasive powder 1-35265
- Maiboroda, V.P. see Revco, S.L. 1-21391
- Maidanik, V.N., Mitrakov, L.N., Proshutinskii, A.P., Tolmachev, A.G., Favorin, Yu.A., Shanin, V.K. Measurement of water and steam flows in a sealed vessel 1-10420
- Maidanik, V.N. see Zvonarev, A.K. 1-5837
- Maidykovskii, I.V. see Vernov, S.N. 1-4731
- Maiella, G. Collective co-ordinates in Fermi systems and dynamical symmetry breaking of chiral invariance in QCD 1-50373
- Maior, A.A. Phase matching of 'coupled modes' and phase-matched nonlinear interaction of waves in coupled waveguides 1-33757
- Maior, B.O., Staselko, D.I. Use of a hologram element to investigate the holographic characteristics of photographic materials 1-29233
- Maior, G. see Gioda, G. 1-24696
- Maior, G.V., Plotnikov, V.G. Dependence of the fluorescence quantum yield on the excitation energy in isolated polyatomic molecules 1-10778
- Maior, G.V. see Danilova, V.I. 1-6552
- Maior, H.J. see Gunther, W. 1-23636
- Maior, I.O., Sokolov, A.I., Tagantsev, A.K. Mechanism of formation of a central peak in the dynamic form factor of a ferroelectric 1-21148
- Maior, J. Digital thermometer PTM and temperature controller PTC for automatic test systems 1-300
- Maior, J. see Huwel, L. 1-1309
- Maior, J.P., Marthaler, O., Mohraz, M. Decay of some substituted benzene cations in the B states in the gaseous phase 1-19134
- Maior, J.P., Mitev, L. Laser induced excitation spectra of the cations of 1,3-pentadienes, R-(C=C)-H⁺; R=CH₃, CD₃; (A'E_u-X'E_g) and of 2,4-hexadienes, R-(C=C)-R⁺; R=CH₃, CD₃; (A'E_u-X'E_g) in the gaseous phase 1-10741
- Maior, J.P., Thommen, F. Fluorescence quantum yields and cascade-free lifetimes of state selected CO₂⁺, COS⁺, CS₂⁺ and N₂O⁺ determined by photoelectron-photon coincidence spectroscopy 1-10773
- Maior, J.P., Thommen, F. Radiative and nonradiative decay rates of state selected H-(CC)-H⁺, D-(CC)-D⁺, A⁺ determined by a photoelectron-photon coincidence technique 1-37275
- Maior, J.P., Thommen, F. Non-radiative decay of electronically excited CF₃⁺(B²E) and CFCl₃⁺(D'E) cations in the gaseous phase 1-41426
- Maior, J.P. see Allan, M. 1-10851
- Maior, J.P. see Dujardin, G. 1-37236
- Maior, K. see Fritz, W. 1-2723
- Maior, M. see Faltermeyer, B. 1-1325
- Maior, M. see Gerigk, W. 1-31951
- Maior, M. see Protz, R. 1-29022
- Maior, R. see Bamberger, A. 1-14417
- Maior, W., Blattner, G., Kurtze, G., Klingshirn, C. Two-photon Raman scattering and high excitation luminescence in ZnTe 1-26270
- Maior, W. see Kurtze, G. 1-52938
- Mailier, C., Thomann, H., Robinson, B.H., Dalton, L.R. Crossed TM₁₀ bimodal cavity for measurement of dispersion electron paramagnetic resonance and saturation transfer electron paramagnetic resonance signals for biological materials 1-44059
- Mailier, J.P.G. see Davidson, M.M. 1-47965
- Mailillard, D. see Girardet, C. 1-24282
- Mailillard, J. see Badier, J. 1-14430
- Mailillard, J.P., Cuisinier, M., Arca, P., Arie, E., Amiot, C. Infrared spectrum and molecular content of CO₂ in the 1.4-1.7 μ m atmospheric window by very high resolution Fourier transform spectroscopy 1-19090
- Mailillard, J.P. see Arcas, Ph. 1-37263
- Mailillard, J.P. see Pierre, G. 1-6255
- Mailloval, G.E., Gulrajani, R.M., Roberge, F.A., Nadeau, R.A. A simulation study of torso inhomogeneity effects on vectorcardiographic lead systems 1-32279
- Main, K. CHP in the United Kingdom 1-10551
- Mainard, R. see Kleinclauss, J. 1-52785
- Mainardi, F., Nervosi, R. Transient waves in finite viscoelastic rods 1-24736
- Mainardi, F. see Caroli, E. 1-15502
- Mainardi, M. see Conti, F. 1-39710
- Maines, R.G. see Andres, K. 1-25432
- Maines, R.G. see Jayaraman, A. 1-25778
- Mainfray, G., Manu, C. Resonance effects in multiphoton ionization of atoms 1-28939
- Mainguy, M., Cossu, L., Chapelle, A.M. Use of METEOSAT images for the precise trajectories of wind blown sand in the Sahara and the Sahel margins 1-49273
- Mainguy, A.-M. see Bernard, A. 1-13588
- Maini, R., Iskander, M.F., Durney, C.H. On the electromagnetic imaging using linear reconstruction techniques 1-32294
- Maini, T. see Runchal, A. 1-43845

- Mainster, M.A.** *see* Delori, F.C. 1-35869
- Maioirino, J.R., Siewert, C.E.** On multi-media calculations in the theory of neutron diffusion 1-33280
- Maioirino, J.R.** *see* Siewert, C.E. 1-13711
- Maioior, A.A.** *see* Korablev, V.V. 1-26321
- Maioior, M.M.** *see* Tsebers, A.O. 1-19822, 1-34919
- Maioior, V.A.** Heat exchange in coolant evaporation region within a heated porous wall 1-6748
- Maioior, V.A.** Study of stability of a system for penetrative gas cooling of a porous heat generating element 1-15495
- Maioior, V.N.** *see* Grebinnik, V.G. 1-43054
- Maioiora, E.K.** *see* Korol'kov, D.V. 1-9366
- Mair, G.** *see* Lengeler, B. 1-48192
- Mair, G.L.R.** *see* Aitken, K.L. 1-5435
- Mair, I.W.S., Lauki, E., Pedersen, E.K.** Auditory brain-stem electric responses evoked with suprathreshold tone-bursts 1-26912
- Mair, J.A.** *see* Lyons, J.A. 1-44190
- Mair, S.L., Wilkins, S.W.** On the X-ray or neutron diffraction determination of atomic position parameters 1-46949
- Maire, G.** *see* Chandresris, D. 1-52476
- Maire, G.** *see* Hilaire, L. 1-47380
- Maire, G.** *see* Legare, P. 1-53321
- Maire, G.** *see* Lindauer, G. 1-52419
- Maire, M.** *see* Altkofer, O.C. 1-45773
- Maire, M.** *see* Aubert, J.J. 1-5630
- Mairesse, G., Drache, M.** Lithium tetrakis(chloro-sulfato)borate 1-15870
- Mairle, G.** *see* Breuer, H. 1-14445
- Mairle, G.** *see* Stuirbrink, A. 1-18658
- Mairy, C.** *see* Balanzat, E. 1-34675
- Maissano, G.** *see* Aliotti, F. 1-1243
- Maissano, G.** *see* Fontana, M. 1-8064
- Maish, W.G.** *see* Krebs, J.J. 1-11027
- Maishberger, K.** *see* Schilling, R. 1-27853
- Maishbeer, V.A., Frolev, A.M., Avakyan, R.O., Arakelyan, E.A., Armaganyan, A.A., Bayatyan, G.L., Vartanyan, G.S., Grigoryan, N.K., Kechechyan, A.O., Knyazyan, S.G., Margaryan, A.T., Mirzoyan, R.M., Stepanyan, S.S.** Radiative energy loss spectra of 31 GeV electrons in a silicon single crystal 1-25348
- Maishbeer, V.A.** *see* Aleksandrov, Yu.A. 1-5634
- Maishbeer, V.A.** *see* Frolav, A.M. 1-28771
- Maishver, Yu.P.** Intense ion-beam sources with compensation of positive space charge inside accelerating gap 1-45073
- Maison, J.M.** *see* Fortier, S. 1-5696, 1-10322
- Maisonneuve, J.M.** *see* Dinguiard, M. 1-370
- Maisonneuve, J.-V., Dinguiard, M.** Problems and in-flight calibration of an HRV camera of the SPOT satellite project 1-369
- Maisonneuve, Y.** *see* Guernigou, J. 1-5312
- Maiste, A.A., Ruus, R.E., Elango, M.A.** Collapse of 3d-electrons in the $2p^3d$ configuration of argon-like ions 1-26371
- Maistrello, M., Marcellini, A., Rampoldi, R., Petrini, V.** An attempt to reconstruct some features of the May 6, 1976, Friuli earthquake by means of aftershocks 1-13414
- Maistrenko, A.L.** Fracture ductility of hard alloys used in boring tools 1-26623
- Maistrenko, V.I.** *see* Solomoko, A.A. 1-48045
- Maistry, L.** *see* Evers, P. 1-32323
- Maiti, C.R.** Heat transfer characteristics of exfoliated vermiculite for cryogenic insulation 1-5319
- Maiti, C.R., Mitra, S.S., Ghorai, S.K.** Miniature linear temperature transducer and liquid cryogen level indicator 1-9980
- Maiti, C.R.** *see* Mitra, S.S. 1-5314
- Maiti, G.C.** *see* Freund, F. 1-21718
- Maiti, M., Paramguru, R.** Stress distribution due to an external crack opened by two rigid inclusions 1-37846
- Maiti, P.B., Moitra, R.K.** Environment effects on electronic density of states in narrow-band alloys using the cluster-Bethe-lattice method 1-12010
- Maiti, S.K.** Prediction of the path of unstable extension of internal and edge cracks 1-41984
- Maiti, S.R.** Cowling's theorem in non-flat spacetime 1-50018
- Maitland, A.** *see* Watson, J. 1-42213
- Maitra, A.** *see* Das Gupta, A. 1-49443
- Maitre, H.** *see* Ferraro, G. 1-41590
- Maitzen, H.M.** uvbyg₂ photometry of some fainter Ap-stars 1-17849
- Maitzen, H.M.** *see* Albrecht, R. 1-4958
- Maiya, P.S.** Effects of wave shape and ultrahigh vacuum on elevated temperature low cycle fatigue in type 304 stainless steel 1-53264
- Maiya, P.S.** *see* Majumdar, S. 1-34414
- Maja, M.** *see* Caldara, F. 1-16207
- Majborn, B.** A critical review of nuclear accident dosimeters 1-5974
- Majborn, B.** *see* Christensen, P. 1-958
- Majda, G.** *see* Cafisch, R. 1-22039
- Majdic, A.** *see* Schneider, H. 1-48655
- Majdic, M., Ziegler, G.** Correlation of crack lengths from Vickers hardness indentation and fracture toughness of ceramic materials 1-35344
- Majee, B.** *see* Das Gupta, S.R. 1-9356
- Majeed, A.** Some non-free subgroups of $SL(2, C)$ 1-10101
- Majeed, P.M.A.** Analysis of heat transfer during hydrair cooling of spherical food products 1-37781
- Majer, A.A.** *see* Efendiev, Sh.M. 1-52967
- Majerfelt, A.** *see* Wada, O. 1-25300
- Majerotto, W.** *see* Bartl, A. 1-18501
- Majerotto, W.** *see* Fidecaro, G. 1-591
- Majewski, A.** Modelling of bodies in uniform electric field 1-1430
- Majewski, J.J.** *see* Konopka, J. 1-21691
- Majewski, M., Popielawska, B.** Terrestrial Kilometric Radiation 1-49455
- Majewski, S.** *see* Breskin, A. 1-23958
- Majgier-Baranowska, H.** *see* Pyzuk, W. 1-35013
- Majid, F., Salimullah, M.** Stimulated Raman scattering of laser radiation in semiconductors in the presence of a static magnetic field 1-43123
- Majid, F.** *see* Salimullah, M. 1-46454
- Majima, H.** *see* Awakura, Y. 1-11868
- Majima, T.** *see* Kakui, Y. 1-32078
- Majima, T.** *see* Owada, S. 1-33972
- Majima, Y.** *see* Sugimoto, N. 1-46613
- Majkowski, R.F.** *see* Sell, J.A. 1-17335
- Majkrzak, C.F.** *see* Parks, R.D. 1-20670
- Majkrzak, C.R., Axe, J.D., Bruce, A.D.** Critical behaviour at the incommensurate structural phase transition in K_2SeO_4 1-25429
- Majkusiak, B., Jakubowski, A., Ruzyllo, J.** Switching mechanism in MIS (n-p) devices 1-3069
- Majlis, N.** *see* Makler, S.E. 1-12316
- Majlis, N.** *see* Ure, J.E. 1-7473
- Majmudar, N.H., Kulkarni, P.V.** Experimental evidence of gravity waves at 80-90 km altitude from OH night airglow observations 1-27325
- Majni, G.** *see* Galli, E. 1-2707
- Major, B.** *see* Krol, J. 1-48358
- Major, G.** A method for determining the circum-solar sky function 1-36080
- Majorkowska-Knap, K.** Coupling of mechanical elastic and electromagnetic waves in a piezoelectric medium 1-30321
- Majumdar, A.J.** *see* West, J.M. 1-12751
- Majumdar, A.K.** Mathematical modelling of flows in dividing and combining flow manifold 1-42001
- Majumdar, A.K., Menzies, R.T., Jain, S.L.** Stratospheric trace constituent profile retrievals using laser heterodyne radiometer IR limb sensing spectra 1-44309
- Majumdar, A.K., Nigam, A.K.** Magnetic and transport properties of Metglas $Fe_{40}Ni_{38}Mo_4B_{18}$ 1-3147
- Majumdar, A.K.** *see* Velu, E.M.T. 1-8272
- Majumdar, B.S., Burns, S.J.** Fatigue hardening of LiF single crystals in push-pull cyclic deformation 1-39409
- Majumdar, C.K., Ramarao, I.** Critical field and low-temperature critical indices of the ferromagnetic Ising model 1-12324
- Majumdar, S.** Designing against low-cycle fatigue at elevated temperature 1-41171
- Majumdar, S., Holay, S.H., Singh, R.P.** Adiabatic compressibility and solvation of drag reducing polymers in aqueous solutions 1-51822
- Majumdar, S., Maiya, P.S.** An interactive damage equation for creep-fatigue interaction 1-34414
- Majumder, A.K.** Controllability, observability and stability of the ventilation of lung in respiration process 1-22056
- Majumder, A.K.** *see* Chowdhury, S.K. 1-17466
- Majumder, A.R.** *see* Zaman, M.A. 1-50605
- Majumder, D.** *see* Dutta Majumder, D.
- Majumder, A.K.** *see* Velu, E.M.T. 1-26427
- Mak, A.A., Serebryakov, V.A., Yashin, V.E.** Suppression of self-focusing in spatially incoherent light beams 1-29349
- Mak, A.A.** *see* Antipenko, B.M. 1-6560
- Mak, A.A.** *see* Bayanov, V.I. 1-37441
- Mak, H.-B.** *see* Cheng, C.-W. 1-54474
- Mak, P.S.** *see* Lee, C.H. 1-52597
- Mak, P.S.** *see* Mathur, V.K. 1-7655
- Makabe, R.** *see* Akune, Y. 1-31348
- Makabe, R.** *see* Okimura, H. 1-4205
- Makabe, T., Misawa, K., Mori, T.** Velocity distribution function of ion swarm in a weakly ionized gas in a constant mean free time encounter region 1-42120
- Makai, M., Maeder, C.** SEXI—a semi-analytical nodal method 1-45573
- Makajima, S.** *see* Banks, E. 1-26253
- Makara, V.A.** *see* Kazol, F. 1-34350
- Makarchenko, V.G.** *see* Virgil'ev, Yu.S. 1-11790
- Makarenko, A.E.** *see* Postogvar, G.I. 1-35413
- Makarenko, I.N.** *see* Stishov, S.M. 1-30353
- Makarenko, L.F.** *see* Litvinko, A.G. 1-2510
- Makarewicz, R.** Prognosis for urban noise in the United States—the present to 1990 1-6711
- Makarewicz, R.** Phenomenology of sound propagation through a green belt 1-24545
- Makarewicz, R.** Equivalent level (L_{eq}) of noise inside an enclosure, generated by sources moving outside 1-29487
- Makarewicz, R., Jarzecki, J.** Verification of the method for prediction of the equivalent level of freely flowing traffic noise 1-15320
- Makarian, A.H., Movsessian, K.M., Pogossian, P.S.** The determination of laser characteristics by the method of frequency mixing in a nonlinear crystal 1-15222
- Makarios, S.H., Motrenko, E.** Short-period fluctuations in vertical ozone distribution over Belsk, Poland 1-49311
- Makarinas, K.V.** *see* Balciuniene, M.L. 1-21101
- Makarkin, B.D.** *see* Krishtal, M.A. 1-38601
- Makarov, A.A., Makarov, G.N., Puzetzy, A.A., Tyakht, V.V.** Multiple-photon IR excitation of electronic states of OsO_4 molecule. Experiment and model 1-29063
- Makarov, A.A.** *see* Bagratashvili, V.N. 1-51213
- Makarov, A.A.** *see* Cantrell, C.D. 1-51248
- Makarov, A.I.** *see* Averbakh, V.S. 1-24456
- Makarov, A.I., Romanovskii, V.R.** Temperature fields in composite structures with variable contact between coupled elements 1-6747
- Makarov, B.V., Kamorina, G.I., Letyuk, L.M.** Effect of powder dispersity on formation of the microstructure of soft-magnetic ferrites 1-21375
- Makarov, B.V., Kamorina, G.I., Letyuk, L.M.** Improving the plasticity of ferrite powders 1-21398
- Makarov, E.F.** *see* Lubimov, V.S. 1-20643
- Makarov, G.I., Solov'ev, O.V.** Propagation of MHD waves in a three-layer medium with cylindrical interfaces 1-51948
- Makarov, G.N.** *see* Makarov, A.A. 1-29063
- Makarov, K.A.** *see* Zytner, Y.D. 1-31856
- Makarov, L.G.** *see* Agapov, N.N. 1-6063
- Makarov, M.M.** *see* Anisovich, V.V. 1-36967
- Makarov, M.M.** *see* Dakhno, L.G. 1-40995
- Makarov, N.M.** *see* Kaner, E.A. 1-29195
- Makarov, V.A.** *see* Glezer, A.M. 1-8344
- Makarov, V.A.** *see* Kazakov, Yu.S. 1-48383
- Makarov, V.I.** *see* Baklanov, A.M. 1-48752
- Makarov, V.I.** *see* Krat, V.A. 1-36247
- Makarov, V.I.** *see* Sorokin, N.I. 1-43681
- Makarov, V.M.** *see* Anton'eva, N.M. 1-669
- Makarov, V.M.** *see* Artamonova, K.P. 1-661
- Makarov, V.P., Belyanskii, A.K., Kornienkov, B.A., Matsuk, V.G., Molotilov, B.V.** Kinetics of formation of magnesia film on (110) surface of crystal of Fe-Si alloy 1-7924
- Makarov, V.P.** *see* Dorofeeva, E.A. 1-7879
- Makarov, V.P.** *see* Sidokhin, A.F. 1-7872
- Makarov, Yu.A.** *see* Belonogov, A.M. 1-18265
- Makarov, Yu.F.** *see* Kerzhanovich, V.V. 1-9397
- Makarov, Yu.V.** *see* Aparin, V.I. 1-31677
- Makarov, E.N.** *see* Batrakov, Yu.V. 1-49479
- Makarova, G.M.** *see* Ivanova, G.V. 1-26465
- Makarova, L.V.** *see* Brainin, E.I. 1-43506
- Makarova, V.S.** *see* Sheka, E.F. 1-17965
- Makarskaya, V.M.** *see* Makarskii, V.V. 1-17129
- Makarskii, V.V., Glinskii, E.E., Makarskaya, V.M., Voronkov, M.G.** X-ray spectral determination of silicon in cellulose materials 1-17129
- Makarychev, S.V.** *see* Fazlaev, V.Kh. 1-28894
- Makashev, N.K.** *see* Abramov, A.A. 1-25417
- Makdisi, Y., Marshak, M.L., Mossberg, B., Peterson, E.A., Ruddick, K., Roberts, J.B., Klem, R.D.** Analyzing power in large-angle proton-neutron elastic scattering 1-14411
- Makdisi, Y.** *see* Berg, D. 1-28320
- Makdisi, Y.** *see* Collick, B. 1-45290
- Makdisi, Y.** *see* Jonckheere, A. 1-51013
- Makeenko, Yu.M.** Equations of motion for the loop average in quantum chromodynamics. Perturbative analysis 1-50401
- Makeenko, Yu.M., Migdal, A.A.** QCD as the dynamics of loops 1-5596
- Makeenko, Yu.M., Migdal, A.A.** Self-consistent area law in QCD 1-18444
- Makeev, E.M.** Bending and stability of elastic systems interacting locally with a strained material 1-11315
- Makeev, G.M.** *see* Andrezen, A.B. 1-50166
- Makeev, N.G.** *see* Trusillo, S.V. 1-45766
- Makeev, S.M.** *see* Volkonskaya, T.A. 1-40019
- Makenas, B.J., Birnbaum, H.K.** Phase transitions in non-stoichiometric hydride phases in the Nb-H system 1-20103
- Makenas, B.J., Jensen, B.W., Baker, R.B.** The effects of variations in fuel pellet composition and size on mixed-oxide fuel pin performance 1-45616
- Makenas, B.J., Weber, J.W.** Breached pin performance in reference design fuel pins 1-45614
- Makepeace, C.E., Stocker, H.** Statistical interpretation of a programme of monitoring frequency designed for the protection of underground uranium miners from overexposure to radon daughters 1-32255
- Maker, P.D.** *see* Niki, H. 1-14880
- Maketov, T.K.** *see* Kustov, E.F. 1-38317
- Makh, S.S., Smith, R., Walls, J.M.** The development of surface shape during sputter-depth profiling in Auger electron spectroscopy 1-21319
- Makhaev, V.D.** *see* Lobkovskii, E.B. 1-7158, 1-42355
- Makhaldiani, N.V.** *see* Makhankov, V.G. 1-36580

- Makhaldiani, V.V.**, Smirnova, E.A., Voronova, A.A., Tovyts, A.B., Kuranova, I.P., Arutyunyan, E.G., Vainshtein, B.K., Bienwald, B., Hansen, G., Hohne, W.E. X-ray structural investigation of inorganic pyrophosphate of yeasts. II. Calculation of phases and structural model at 6 Å resolution 1-4246
- Makhankov, V.** Computer experiments in soliton theory 1-23020
- Makhankov, V.G.** Quasi-classical solitons in the Lindner-Fedyanin model 'hole'-like excitations 1-36566
- Makhankov, V.G.**, Makhaldiani, N.V., Pashaev, O.K. On the integrability and isotopic structure of the one-dimensional Hubbard model in the long wave approximation 1-36580
- Makhan'kov, V.I.**, Mats'ko, A.A., Shemonaev, G.P. Pulsed power circuit for a liquid helium floating level gauge 1-50098
- Makharadze, T.G.** see Abdrakhmanov, E.O. 1-722
- Makharadze, T.N.** see Barkhudarov, E.M. 1-33636
- Makhinya, L.N.** Influence of the delay time on the nature of switching in glassy chalcogenide films 1-7679
- Makhinya, L.N.** Development of a current instability in switching with delay 1-20833
- Makhlin, N.A.** see Bulichev, S.I. 1-20275
- Makhljueva, I.V.** see Ammosov, V.V. 1-40980
- Makhljueva, L.V.** see Efremenko, V.I. 1-33173
- Makhmudov, A.** see Abdurakhmanov, K.P. 1-20405
- Makhmudov, A.A.**, Popov, A.P. Influence of thermal conductivity on a strong shock wave converging toward a symmetry center 1-51811
- Makhnenko, L.A.** see Batygin, Yu.V. 1-23923, 1-28750
- Makhnenko, V.I.**, Egorova, L.A. A method for the calculation of stresses and strains in the zone of longitudinal welded joints in cylindrical shells 1-37808
- Makhnosvskii, E.D.** see Volkov, Yu.M. 1-5756
- Makhon'ko, K.P.** Calculation of surface wave contamination of the central North Atlantic by atmospheric fallout of strontium-90 1-21943
- Makhotkin, V.E.** see Perekalina, T.M. 1-34918
- Makhoul, J.** Speech recognition in the Soviet Union 1-11257
- Makhova, M.K.** see Belotskii, D.P. 1-11907
- Makhutov, N.**, Levin, O. Ultimate states design in concentration zones under low-cycle high temperature loading 1-34415
- Makhutov, N.A.**, Moskvichev, V.V. The reliability of crack-resistance characteristics in tests of cylindrical samples with a circular crack 1-35478
- Makhviladze, G.M.**, Shcherbak, S.B. Numerical method of investigating nonstationary spatial motions of a compressible gas 1-46767
- Makhviladze, T.M.** see Barashev, P.P. 1-31878, 1-31879
- Maki, A.G.**, Wells, J.S. High-resolution measurement and analysis of the infrared spectrum of nitric acid near 1700 cm^{-1} 1-1218
- Maki, A.H.** see Taherian, M.-R. 1-46002
- Maki, B.**, Laszlo, C.A. Mechanical hazards in clinical equipment 1-13336
- Maki, K.** Lagrangian formulation of spin dynamics in $^4\text{He-A}$ 1-7408
- Maki, K.** Crystallization thickness of amorphous Sb film on GeO_2 film substrate in a vacuum of 10^{-5} Torr 1-20582
- Maki, K.** Solitons in the one-dimensional antiferromagnet in a magnetic field 1-30952
- Maki, K.**, Klein, M.L. Phonon spectra of methane physisorbed on graphite 1-47351
- Maki, K.**, O'Shea, S.F. Orientational phases of methane bilayers 1-8608
- Maki, K.**, Takayama, H. Breathers in the sine-Gordon system at finite temperatures 1-23124
- Maki, K.** see Lin-Liu, Y.R. 1-38733
- Maki, K.** see Nose, S. 1-7453
- Maki, K.** see Seki, Y. 1-11587
- Maki, T.**, Nakagawa, S., Tamura, I. Recrystallization behavior of austenite cold rolled or formed by the reverse martensitic transformation in Fe-Ni(C) alloys 1-26453
- Maki, T.** see Kakeshita, T. 1-16777
- Maki, T.** see Tsuzaki, K. 1-48378
- Maki-Lopez, M.L.** see Hales, A.L. 1-9106
- Makin, B.** see Greaves, J.R. 1-20856
- Makin, M.J.**, Walters, G.P., Foreman, A.J.E. The void swelling behaviour of electron irradiated type 316 Austenitic steel 1-15929
- Makin, V.K.** Some results of numerical simulation of laboratory experiments to study structure of air flow above waves 1-44242
- Makino, A.** see Kariya, K. 1-22534
- Makino, A.** see Ogura, T. 1-3749
- Makino, F.** see Matsuoka, M. 1-22927
- Makino, F.** see Murakami, T. 1-27633
- Makino, K.** see Ishii, Y. 1-12651, 1-21350
- Makino, M.**, Kamimura, T., Sato, T. Two dimensional behavior of solitons in a low- β plasma with convective motion 1-24930
- Makino, M.**, Ohtsuka, S., Tone, Y., Sakakibara, S. Toshiba BWR power control system ADMIX with triple-control channel and self-diagnoses 1-45702
- Makino, T.**, Nakamura, H. Resistivity changes of heavily-boron-doped CVD-prepared polycrystalline silicon caused by thermal annealing 1-30854
- Makino, T.**, Nakamura, H., Asano, M. Acceleration of plasma etch rate caused by alkaline residues 1-48537
- Makino, T.**, Nakamura, H., Nakashita, T. Increase in photoconductivity of polycrystalline silicon by plasma annealing 1-38809
- Makino, Y.** see Ito, S. 1-16468
- Makino, Y.** see Iwamoto, N. 1-31174
- Makioka, T.** see Ujije, S. 1-799
- Makishima, A.**, Oohashi, H., Wakakuwa, M., Kotani, K., Shimohira, T. Alkaline durabilities and structures of amorphous aluminosilicates containing ZrO_2 prepared by the chemical polymerization of metal alkoxides 1-31699
- Makishima, K.**, Miyamoto, S., Oda, M., Ogawara, Y., Pelling, R.M., Peterson, L.E. Hard X-ray structure of the Crab Nebula 1-22873
- Makishima, K.** see Matsuoka, M. 1-22927
- Makishima, K.** see Murakami, T. 1-27633
- Makita, Y.**, Matsuhara, M., Kumagai, N. Coupling efficiency of tapered grating optical coupler 1-24498
- Makita, Y.** see Fujiwara, K. 1-6718
- Makita, Y.** see Gesi, K. 1-8010
- Makjanic, J.** see Truk, M. 1-41265
- Maklakov, L.I.**, Furer, V.L., Alekseev, V.V., Furer, A.L. Investigation of the vibrational spectra of 2,6- and 4,6-polyurethanes and hexamethylenedimethylurethane 1-6258
- Makler, S.S.**, Anda, E.V., Majlis, N. Off-diagonal disorder for a Heisenberg spin glass with Gaussian random interactions 1-12316
- Maklyayev, E.F.** see Bondarenko, V.G. 1-36185
- Makogon, B.P.** see Povkh, I.L. 1-11429
- Makogon, M.B.**, Elusova, T.F., Bol'shanina, M.A., Tyumentseva, S.F., Eliseeva, M.K., Bratchikov, A.D., Afanas'ev, N.I. A possibility to reduce lead cable coating thickness 1-31563
- Makogon, M.M.**, Ponomarev, Yu.N. Importance of the pulse shape in the study of absorption saturation in gases by the optoacoustic method 1-14182
- Makogon, M.M.**, Ponomareva, S.B., Ponomarev, Yu.N. Allowance for spatio-temporal and spectral inhomogeneities of laser pulses in determination of the saturation power by the optoacoustic method 1-33773
- Makogonenko, V.N.** see Kondratenko, M.M. 1-42391
- Makosch, G.**, Schedewie, F. Interferometric method for step height measurements on surfaces with variable tilts 1-18193
- Makosch, G.**, Solb, B. Application of an electro-optical phase measurement technique to surface profiling and sensing small object displacements 1-40751
- Makova, A.I.** see Ignatov, A.V. 1-5298
- Makoveeva, N.P.** see Samoilenko, A.A. 1-6285
- Makovetskii, A.A.** Estimate of the gain of an active medium from the superradiance decay kinetics 1-6538
- Makovetskii, G.I.**, Shakhlevich, G.M. Neutron diffraction study of the magnetic phase diagram of the $\text{CrSi}_{1-x}\text{Se}_x$ system 1-7811
- Makovitskiy, Yu.V.** see Bulgakov, V.V. 1-23603
- Makovitzky, J.** Topo-optical reactions and their benefit for microbioscopic membrane research 1-35814
- Makovskaya, Z.G.**, Zhukov, E.G. Vitrification in the Ge-S-Se, Ge-S-Te, and Ge-Se-Te systems [and IR spectra] 1-42307
- Makovskii, Yu.E.**, Popov, V.I., Filyushin, I.V., Yakovlev, A.S. Light yield of a proportional scintillation counter at low pressures of the filling gas 1-1018
- Makowsky, J.** see Horowitz, A. 1-53081
- Makowiecki, D.M.** see Jones, L.M. 1-6068
- Makowitz, H.**, Ginsberg, T. Microwave heating simulations of fission energy generation in volume-boiling pool systems. II 1-10480
- Makowitz, H.**, Greenspan, E., Mile, G.H. Hyperfuse reactors of fissile breeding and waste transmutation 1-41249
- Makowitz, H.**, Powell, J.R., Wiswall, R. HYPERFUSE: a novel inertial confinement system utilizing hypervelocity projectiles for fusion energy production and fission waste transmutation 1-885
- Makowitz, H.** see Fillo, J.A. 1-50944
- Makowitz, H.** see Horn, F.L. 1-41238
- Makowski, H.S.** see Lundberg, R.D. 1-34388
- Makowski, W.** see Letowski, T. 1-15332
- Makram, H.** see Guillot, M. 1-30928
- Makram-Ebeid, S.** Effect of electric field on deep-level transients in GaAs and GaP 1-7550
- Makram-Ebeid, S.**, Martin, G.M., Woodard, D.W. Phonon assisted tunnel emission of electrons from the Cr level in GaAs 1-47548
- Makram-Ebeid, S.** see Mircea, A. 1-30670
- Makrini, M.El** see El Makrini, M.
- Makritskii, Yu.V.**, Gribkovskii, V.P., Zhukov, N.D., Sosnovskii, S.A. Quick method for estimating the laser duty cycles 1-41705
- Makhsantsev, B.I.** Asymptotically exactly solvable problem of radiationless electronic transitions 1-30657
- Makhsantsev, B.I.** see Kovalev, A.A. 1-35127, 1-35131
- Maksic, Z.B.** Comment on quadrupole moments, dipole quadrupole A and quadrupole C polarizabilities by means of perturbation theory 1-41290
- Maksic, Z.B.**, Rupnik, K. Semiempirical studies of inner-core energy levels. IV. ESCA shifts of nitrogen atoms in different chemical environments by the SCC-MO method 1-6154
- Maksikov, A.I.** see Kukushkin, S.A. 1-25188
- Maksimchuk, T.V.** see Bun'kov, Yu.M. 1-12425
- Maksimenco, V.M.** see Baranskii, P.I. 1-31015, 1-34926
- Maksimenco, V.P.** Uniformly stressed cylindrical shell under the action of locally applied longitudinal forces 1-24669
- Maksimishin, M.D.** see Babei, Yu.I. 1-26679
- Maksimov, A.A.**, Tartakovskii, I.I. Nonequilibrium phonon detection using resonance Raman light scattering 1-3402
- Maksimov, A.F.** Relationships between the elastic and interatomic force constants in the model of A_2B alloys 1-25357
- Maksimov, A.S.**, Ormont, A.B. Study of the inversion region at the surface of silicon p^+-n structures using a scanning optical microscope 1-30815
- Maksimov, A.V.** see Marov, M.Ya. 1-4802
- Maksimov, B.A.**, Mel'nikov, O.K., Zhdanova, T.A., Ilyukhin, V.V., Belov, N.V. Crystal structure of $\text{Na}_2\text{Sc}_2\text{Si}_2\text{O}_{11}$ 1-25222
- Maksimov, B.A.** see Merinov, B.V. 1-20165
- Maksimov, E.A.** see Stradomskii, M.V. 1-4095
- Maksimov, E.G.** see Dolgov, O.V. 1-38737
- Maksimov, G.A.** see Devyatshin, G.G. 1-16274
- Maksimov, G.A.** see Kovalev, I.D. 1-24945
- Maksimov, I.L.**, Mints, R.G. On the theory of the training phenomenon in superconductors 1-42927
- Maksimov, I.L.**, Mints, R.G. Critical state stability and training phenomenon 1-47824
- Maksimov, L.A.**, Ryzanov, A.I. Kinetic equation for vacancy pore. The pore lattice as a dissipative structure stable under irradiation conditions 1-34346
- Maksimov, L.A.** see Kagan, Yu. 1-12180
- Maksimov, R.D.**, Sokolov, E.A., Plume, E.Z. Strength of an organic/glass fiber-reinforced textile in plane stress 1-31550
- Maksimov, R.D.** see Plume, E.Z. 1-31521
- Maksimov, R.D.** see Smyslov, V.I. 1-48436
- Maksimov, S.K.**, Filippov, A.P. Effects of free surface on the electron-microscopic contrast of prismatic dislocation loops 1-7179
- Maksimov, S.K.** see Bondarenko, L.A. 1-42362
- Maksimov, V.I.**, Kirichenko, G.B. Experimental study of electrically controlled nematic liquid-crystal optical color filters 1-29376
- Maksimov, V.M.** see Il'in, V.G. 1-6623
- Maksimov, V.M.** see Karapetyan, G.O. 1-41863
- Maksimov, Yu.M.** see Raskolenko, L.G. 1-21727
- Maksimova, E.G.** see Miroshnichenko, V.A. 1-3801
- Maksimova, G.V.** see Avanesov, A.G. 1-6579
- Maksimova, G.V.** see Denker, B.I. 1-43010
- Maksimova, N.K.** see Vilisov, A.A. 1-42652
- Maksimova, N.M.** see Ord'an'yans, S.S. 1-12728
- Maksimova, N.T.** see Parfianovich, I.A. 1-12542
- Maksimova, S.I.** see Palkina, K.K. 1-20170, 1-34304
- Maksimova, T.A.** see Zukov, A.A. 1-8498
- Maksimova, T.I.**, Reshetnyak, N.B. Impurity resonance Raman scattering in KBr:MnO_4^{2-} crystal 1-21210
- Maksimova, V.M.**, Umikova, A.I. Some camera problems of color in motion picture and the technological ways to solve them 1-45065
- Maksimovich, M.D.** see Popov, K.I. 1-43673, 1-43674
- Maksimovich, G.G.**, Lopushanskii, V.A., Yanchishin, F.P. The relationship of the degree of dispersion of the structure and the heat resistance of materials 1-35436
- Maksimovich, G.G.**, Lyutyi, E.M., Eliseeva, O.I., Kissil', A.E., Sinchenko, N.M. Effect of residual vacuum gas composition on the heat resistance of Nb-Zr alloys 1-3861
- Maksimovich, G.G.**, Lyutyi, E.M., Ignaty, M.I. Change in physicochemical properties of a niobium alloy in contact with molten lithium 1-53246
- Maksimovich, G.G.**, Lyutyi, E.M., Shirokov, V.V. The effect of long-term high-temperature aging on the strength of the alloy VTsU 1-31507
- Maksimovich, G.G.**, Lyutyi, E.M., Tsvilevich, O.S., Pavlina, V.S. Predicting the long-term strength of dispersion-strengthened heat-resistant materials 1-35331
- Maksimovich, G.G.**, Lyutyi, E.M., Eliseeva, O.I., Kadyrov, V.Kh., Gordienko, A.I. Fracture of composite materials based on magnesium 1-16881

- Maksimovich, K.-K. *see* Boiko, V.V. 1-52971
 Maksimov, P.A. *see* Beletskii, V.M. 1-16826, 1-42414
 Maksin, P.L., Petukhov, B.S., Polyakov, A.F. Balance of intensity of temperature pulsations in a turbulent flow of fluid 1-15544
 Maksudov, T.M. *see* Artykov, S. 1-17153
 Maksym, P.A. Instabilities and distribution functions associated with photoexcited carriers in semiconductors 1-20825
 Maksyutenko, B.P., Shimanskii, A.A., Balakshv, Yu.F., Gritskovich, S.F. Some distinctive features of the spectra of delayed neutrons 1-28514
 Maksyutenko, S.N. *see* Aslanov, P.V. 1-34021
 Makuchowski, E.J. *see* Bionta, R.M. 1-28342
 Makumi, B.M. *see* Avchukhov, V.D. 1-45386
 Makushkin, Yu.S., Savelov, V.N., Ulenikov, O.N. Determination of the anharmonic part of the potential function of methane 1-1302
 Makushkin, Yu.S. *see* Antipov, A.B. 1-24161
 Mal, A.K. Theoretical calculation of strong earthquake ground motion 1-32376
 Mal, A.K. *see* Chatterjee, A.K. 1-29610
 Malacara, D. Holographic methods in optical testing 1-41807
 Malachowski, M.J. *see* Tobias, C.A. 1-49079
 Malafae, N.T. *see* Gromzin, D.E. 1-26044
 Malafayeva, G.L. *see* Isaev, A.A. 1-51554
 Malagnini, M.L. *see* Battistini, P. 1-17882
 Malaise, E.P. *see* Cooley D'Hooghe, M. 1-22075
 Malaise, E.P. *see* Deschavanne, P.J. 1-8918
 Malaise, E.P. *see* Guichard, M. 1-49070
 Malakhov, A.N. *see* Gurbatov, S.N. 1-19492
 Malakhov, B.A., Pokalyakin, V.I., Stepanov, G.V. Investigation of current transport in tunneling MOS structures 1-30337
 Malakhov, I.Ya. *see* Ustimenkov, K.F. 1-23629
 Malakhov, L.N. *see* Goryachkin, D.A. 1-25096
 Malakhov, S.K., Grebennikov, M.V., Barsukov, V.I., Bukreev, Yu.F., Zolotavin, V.L. Modernized S-302 atomic-absorption spectrophotometer 1-17128
 Malakhova, E.E. *see* Ostrovskii, M.V. 1-48778
 Malakhova, K.P. *see* Akulenok, E.M. 1-31340
 Malakhova, L.F. *see* Anisimov, Yu.S. 1-45785
 Malakhova, V.I., Rivlin, L.A., Tambiev, Yu.A., Yakubovich, S.D. Continuous-wave single-mode stimulated emission from a semiconductor injection laser with a nonselective resonator 1-33685
 Malakhovskii, A.N. Drying kinetics of single drops by ferrite suspensions 1-39295
 Malaiyan, K. *see* Adomian, G. 1-27874
 Malakis, A. Renormalization of self-avoiding walks on the square lattice 1-21317
 Malakpour, I. Origin of novae coronal lines 1-9520
 Malaman, B., Steinmetz, J., Roques, B. Structural study of the β and η type germanides $\text{Fe}(\text{Co})_2$, Ge , and of their alloys with gallium, $\text{Fe}(\text{Co})_2$, Ge_2 , Ga_2 1-30137
 Malaman, B. *see* Evard, O. 1-34324
 Malamud, E. *see* Bromberg, C. 1-10266, 1-45364
 Malamud, E. *see* Kuznetsov, A.A. 1-36883
 Malan, G.F. *see* Bian, S. 1-10456
 Malanovsky, S. *see* Rogalski, M. 1-28151
 Malanushenko, V.P., Scherbakov, A.G. Results of a study of the spectra Be stars in the near infrared 1-27519
 Malaprado, G., Rouby, D., Fantozzi, G. Plastic instability of a mild steel and a low-alloy steel with high elastic limit 1-39379
 Malaprado, G. *see* Rouby, D. 1-21537
 Malarkey, E.C. *see* Mergerian, D. 1-1720
 Malard, S. *see* Levato, H. 1-4947
 Malarski, Z. *see* Grech, E. 1-28962
 Malarski, Z. *see* Kolodziej, H.A. 1-39591
 Malashkina, T.G. *see* Boyarina, I.L. 1-8256
 Malaspinas, A. *see* Draz, M. 1-3186, 1-16444
 Malathy Devi, V. *see* Das, P.P. 1-37206, 1-37207
 Malathy Devi, V. *see* Flaud, J.-M. 1-37204
 Malatynski, M., Klepaczk, J. Estimation of inertial effects during the fast axial deformation of cylindrical samples 1-15421
 Malavaud, A. *see* Bandet, J. 1-12611
 Malaviya, B.K., Lahay, R.T., Jr. Analysis of the error in instantaneous void fraction measurements by a dual-beam X-ray technique 1-29812
 Malaviya, B.K. *see* Baldasaro, P.F. 1-50830
 Malbequ, Y. *see* Badier, J. 1-10582
 Malbert, M. *see* Patau, J.P. 1-20285
 Malbrough, D.J. *see* Preedom, B.M. 1-45540
 Malbrunot, P. *see* Abachi, H. 1-20439, 1-50114
 Mal'chervskaya, T.N. *see* Yampol'skaya, E.G. 1-53578
 Malchin, A. *see* Shinar, J. 1-3284
 Malcik, P. *see* Janca, J. 1-3949
 Malcolma, A.W., Little, J.B. Rapid recovery in human diploid fibroblasts 1-22071
 Malcolma, G.N. *see* James, W.D. 1-46728
 Maldague, P.F. Quantum diffusion and divergent fluctuations in disordered metals 1-47599
 Maldarelli, C., Jain, R.K., Ivanov, I.B., Ruckenstein, E. Stability of symmetric and unsymmetric thin liquid films to short and long wavelength perturbations 1-30528
 Maldeghe, J. *see* van Maldeghe, J.
 Maldonado, S.B. Effect of elemental sulphur on the metallic corrosion of mild steel 1-4006
 Maidutis, E. *see* Balkevicius, P. 1-37533
 Malecki, J. *see* Wojciechowski, K.W. 1-47209
 Maleev, A.N. *see* Baikova, G.G. 1-50141
 Maleev, I.I. *see* Zakordonskii, V.P. 1-53464
 Maleev, S.V. On the interaction between phonons and degenerate centers (spin, pseudospin) 1-30340
 Malek, P. *see* Lukac, P. 1-12850
 Malek, P. *see* Pucak, P. 1-43418
 Malek, Z., Zobac, L., Soukup, F., Krysl, I., Hora, O., Jelinek, J., Ryska, A., Safrata, S. An autonomous cryosurgical system yielding the cooling power 60 W at -195°C 1-44926
 Maleki, S. *see* Eppenstein, W. 1-27756
 Maleknia, S., Friedman, B.R., Abedi, N., Schwartz, M. Conformational energies of 2-chloroethanol and ethylene glycol in hydrogen bonding solvents 1-51214
 Malenchenko, A.F., Mironov, V.P. Radioactive microelements in the problem of radiation safety of a nuclear fuel cycle 1-50892
 Malenfant, R.E. History, facilities, and programs of the Los Alamos Critical Assemblies Laboratory 1-10443
 Malenfant, R.E., Forehand, H.M., Koelling, J.J. Sheba: a solution critical assembly 1-45670
 Malenfant, R.E. *see* Martin, E.R. 1-10461
 Malenkov, G.G. *see* D'yakonova, L.P. 1-7069
 Malet, L.M. *see* Van der Auwera, L. 1-44261
 Maletta, G. *see* Colozza, C. 1-8704
 Malevskaya, O.Ya., Shneyberg, V.V. Special features of the spatio-temporal variation of the seismicity in the epicentral zone of the Dagestan earthquake of May 14, 1970 1-22249
 Malevskii, Yu.B. *see* Gordanovaya, A.A. 1-16841
 Malevskii, Yu.N. *see* Kokhova, I.I. 1-13149
 Malevskii, W. Use of heat pumps in industry 1-35692
 Maley, M.P., Newkirk, L.R., Thompson, J.D., Valencia, F.A. Development of long continuous Nb₃Ge tape conductors with high current density at elevated temperature and field 1-52678
 Maley, P., Green, D.W.E. Comet Bradford (1980) 1-36221
 Maley, P. *see* Bortle, J. 1-44504
 Maley, P. *see* Merlin, J.-C. 1-44500
 Malffiet, W.P.M. A systematic method for the solution of some nonlinear evolution equations. I. The Burgers equations 1-5112
 Mal'gin, A.V. *see* Zinov'ev, V.E. 1-11816
 Mal'ginov, V.V. *see* Porokhova, L.N. 1-43638
 Malgrange, C. X-ray topography: principles 1-38204
 Malgrange, C. *see* Schlenker, M. (editor) 1-36456
 Malgrange, J.L. *see* Satali, E. 1-37
 Malhasyan, S.S. *see* Stefanovich, S.Yu. 1-20798
 Malherbe, J. Feasibility of a steam reforming plant heated by an HTGR 1-48916
 Malherbe, J.B., Hofmann, S. Low energy nitrogen implantation profiles in cobalt using AES 1-42412
 Malherbe, M.C. *see* de Malherbe, M.C.
 Malhotra, A., Garg, H.P., Rani, U. Minimizing convective heat losses in flat plate solar collectors 1-32040
 Malhotra, L.K. *see* Kumar, S.N. 1-32046
 Malhotra, P.K. *see* Sodha, M.S. 1-46897
 Malhotra, S.L. *see* Gupta, A.K. 1-43722
 Malhotra, V.M., Buckmaster, H.A., Bist, H.D. The use of the electron paramagnetic resonance of Gd^{3+} impurity ions and infrared spectra to study the phase transitions in $\text{NH}_4\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$ single crystals 1-34936
 Malhotra, V.M. *see* Buckmaster, H.A. 1-26034
 Mali, M. *see* Kanert, O. 1-3286
 Malijevsky, A. *see* Labik, S. 1-30018
 Malik, A.B., van der Zee, H., Neumann, P.H., Gertzberg, N.B. Effects of pulmonary edema on regional pulmonary perfusion in the intact dog lung 1-49028
 Malik, A.I., Baranyuk, V.B., Manasson, V.A. An improved model of solar cells based on $\text{In}_2\text{O}_3/\text{SnO}_2/\text{SiO}_2$ -nSi structure 1-17197
 Malik, A.I., Baranyuk, V.B., Manasson, V.A., Tovstyk, K.D. Solar battery based on semiconductor-dielectric-semiconductor structures for ground-based applications 1-35659
 Malik, D.J., Secrest, D. Potential anisotropy effects on inelastic differential cross sections 1-10806
 Malik, D.J. *see* Buck, U. 1-46064
 Malik, K.M.A. *see* Leadbetter, A.J. 1-2411
 Malik, M.R., Pleicher, R.H. Calculation of variable property heat transfer in ducts of annular cross section 1-42054
 Malik, N.H., Qureshi, A.H. Breakdown gradients in SF_6 - N_2 , SF_6 -air and SF_6 - CO_2 mixtures 1-2268
 Malik, N.H., Qureshi, A.H., Szeiwier, T. Electrode surface roughness and SF_6 -gas mixtures 1-15710
 Malik, O.P., Viswanathan, P.C. Measurement of respirable airborne silica by X-ray diffraction: an aid to evaluating the potential silicosis hazard in the workplace 1-35736
 Malik, S.K., Singh, M. Nonlinear surface waves in self-gravitating fluids 1-19731
 Malik, S.K., Wallace, W.E., Takeshita, T. Magnetic behaviour of $\text{R}\text{Cu}_2\text{Al}$ ($\text{R}=\text{rare earth}$) intermetallic compounds. II 1-25876
 Malik, S.K. *see* Boltich, E.B. 1-20956
 Malik, S.K. *see* Devare, S.H. 1-2494
 Malik, S.K. *see* Hatwar, T.K. 1-43219
 Malik, S.K. *see* Pourarian, F. 1-12356, 1-20970
 Malik, U., Kothari, L.S. Calculation of the frequency distribution function of solids using the 'unfolding technique' 1-52238
 Malikov, S.N. *see* Egorov, V.N. 1-41896
 Malikova, T.A. *see* Abdullin, B.F. 1-8816
 Malin, D.F. Colour photography in astronomy 1-49530
 Malin, D.H. *see* Viebrock, J.M. 1-18842
 Malin, G. *see* Steinort, E. 1-15704
 Malin, K., Schmitt, A. Measuring temperatures occurring during ion implantation 1-14179
 Malin, M.C. *see* Phillips, R.J. 1-49568
 Malin, P.E. A first-order scattering solution for modelling elastic wave codas. I. The acoustic case 1-9097
 Malin, S.R.C. *see* Hide, R. 1-32403
 Malinauskas, A.P. *see* Lorenz, R.A. 1-5935
 Maliniconico, L.L. *see* Stoiber, R.E. 1-4481
 Malineau, M. *see* Nicolas, M. 1-26111
 Malinetski, G.G. *see* Kurdyumov, S.P. 1-24649, 1-26745
 Malinin, N.I. Some questions of the mechanics of composites and constructions based on them 1-12811
 Malinin, Yu.G. *see* Andrushko, A.I. 1-44897
 Malinina, R.I., Popova, I.A. On the effect of small deformations on grain size and texture in silicon iron 1-8330
 Malinina, R.I. *see* Gorlanova, M.A. 1-7884
 Malinkina, T.I. *see* Serdyuk, V.A. 1-53288
 Malinochka, Ya.N., Olikhova, M.A., Shmelev, Yu.S. Sulfides in commercial steels with vanadium 1-3746
 Malinov, L.S., Korotich, I.K. Chemothermal treatment of economically alloyed maraging steels 1-3978
 Malinovskii, I. *see* Malinovskii, N. 1-5419
 Malinovskii, N., Malinovskii, I. Computer simulation of the photographic process 1-5419
 Malinovskii, E.I. *see* Aleksandrov, Yu.A. 1-5634
 Malinovskii, T.I. *see* Botoshanskii, M.M. 1-25249
 Malinovskii, T.I. *see* Dvorkin, A.I. 1-25255
 Malinovskii, T.I. *see* Shkuratova, I.G. 1-7153
 Malinovskii, V.V., Pikhin, A.N., Solomonov, A.V. Characteristics of the kinetics of radiative recombination in zinc-doped gallium nitride 1-39155
 Malinovskii, Yu.A., Baturin, S.V., Belov, N.V. The crystal structure of Fe tchite 1-2414
 Malinovskii, Yu.A., Belov, N.V. Crystal structure of kalborsite 1-30193
 Malinovskii, Yu.A. *see* Bondareva, O.S. 1-30197
 Malinovskii, V.K. *see* Zhdanov, V.G. 1-26127
 Malinowski, J., Mochniak, J., Nichalski, C. Blue luminescence of ZnS-Sn lumophors 1-21263
 Malinowski, J. *see* Astron, Yu.A. 1-21313
 Malinowski, M. *see* Shea, J.H. 1-25042
 Malinowski, M.E. Tritium-related surface effects in Tokamaks 1-25026
 Malinowski, P. *see* Jankowski, K. 1-6147
 Malinowski, P. *see* Linder, B. 1-24203
 Malinowski, W. *see* Stankowski, J. 1-38557
 Malins, R.J., Setser, D.W. Rate constants and vibrational energy disposal for reaction of H atoms with Br_2 , SF_6 , PBr_3 , SF_5 , and SF_4 1-39609
 Malisch, R. *see* Muller, G. 1-48932
 Malissa, H. *see* Foroglu, Z. 1-3755
 Malisson, P.H. *see* Osborn, D.B. 1-41741
 Malkevicius, S.K., Janusaitis, P.P. How the frequency of light pulses affects the illusory speed of reference points 1-19481
 Malkhov, B.A., Pokalyakin, V.I., Stepanov, G.V. Current switching in a (metal-tunneling thickness silicon dioxide-p-n junction) structure 1-47755
 Malkin, B.Z., Mitel'man, A.A., Polikarpov, S.D. Lattice dynamics and effective Hamiltonian of mercury (I) halides 1-7284
 Malkin, B.Z. *see* Arkhipov, S.M. 1-20662
 Malkin, B.Z. *see* Zadokhin, B.S. 1-25464
 Malkin, E.S., Dukhin, A.S. Deposition of colloidal particles on an electrode in an alternating electric field 1-53482
 Malkin, E.S. *see* Dukhin, S.S. 1-17062
 Malkin, S., Wong, D., Govindjee, Merkelo, H. Parallel measurements on fluorescence lifetime and intensity changes from leaves during the fluorescence induction 1-22061
 Malkin, V.I. *see* Kardonskii, V.M. 1-3910
 Malkin, V.M. *see* Breizman, B.N. 1-11561
 Malko, J. *see* Efremenko, V.I. 1-33173
 Malko, J.A. *see* Ammosov, V.V. 1-40980
 Malko, J.A. *see* Berge, J.P. 1-540
 Malko, J.A. *see* DiBianca, F.A. 1-45343

- Mal'kov, M.A. Ion heating due to the runaway electron instability in a Tokamak 1-38123
- Mal'kov, V.M. see Kalkherman, M.G. 1-24862
- Malkova, A.S. see Pashinkin, A.S. 1-16673
- Malkova, V.S. see Gorodetskii, A.K. 1-32517
- Malkovich, R.Sh. Calculation of the impurity distribution in the case of a concentration-dependent diffusion coefficient 1-11781
- Malkus, D.S. Finite elements with penalties in nonlinear elasticity 1-11309
- Mallama, A.D. New ephemerides for 120 eclipsing binary stars 1-49731
- Mallamace, F. see Giordano, R. 1-17441
- Mallan, K.V., Balasubramanian, T.V., Bhardwaj, R.K. Review on application of solar energy for drying food stuffs 1-17295
- Mallard, J. Nuclear imaging 1-8995
- Mallard, J. see Edelstein, W.A. 1-39980
- Mallard, J.R. see Ettinger, K.V. 1-9031
- Mallard, W.C., Hsu, F.H., Vance, E.R. Effect of the $V^- \rightarrow V^+$ transformation on positron annihilation lifetime spectra in MgO 1-3530
- Mallen, A.N., Ludewig, H., Cerbone, R.J. Feed-back coefficients in the NASAP HWR 1-18819
- Mallen, R.M. de Val see de Val Mallen, R.M.
- Malles, K.S. see Ramachandran, G. 1-15076
- Mallet, G. Measurement of the radioactive decay of $^{170}\text{Ag}^{m+8}$ 1-45450
- Mallett, C.P. Lattice harmonics for graphite 1-52241
- Mallett, C.P. The cellular method for graphite 1-52480
- Mallherbe, J.C. see Lamalle, B. 1-44960
- Malli, G.L. see Ishikawa, Y. 1-28850
- Mallia, E.A., Pagel, B.E.J. On the variation of heavy-element abundances in ω Centauri giants 1-44559
- Mallick, A.K. see Singh, K. 1-29600
- Mallick, A.K. see Patra, H.P. 1-5038
- Mallick, A.K. see Gopichand, V. 1-16755
- Malik, B., Ghosh, A., Misra, T.N. Compensation effect in the electrical conduction process in some polyene semiconductors 1-25729
- Malik, U. see Chung, S.U. 1-14423, 1-45362
- Malikarjun Rao, S.P. see Chadda, S. 1-33851
- Malikarjun Rao, S.P. see Sampath Kumar, J. 1-19523
- Malikarjun Rao, S.P. see Satyabala, S.P. 1-258, 1-37733
- Malinsson, L.G. see Jefferson, D.A. 1-15766
- Mallory, C., Snyder, R.L. Threshold level determinations from digital X-ray powder diffraction patterns 1-29956
- Mallory, M.L., Laumer, H.W. Leak detection with liquid helium 1-23897
- Mallouk, T. see McQuillan, B.W. 1-39671
- Mallow, J.V. see Freeman, A.J. 1-39018
- Mallozzi, P.J., Schwerzel, E.R., Epstein, H.M., Campbell, B.E. Fast extended-X-ray-absorption-fine-structure spectroscopy with a laser-produced X-ray pulse 1-45892
- Malm, D.L., Tasker, G.W. Characterization for composition and uniformity of MCDV glass film by secondary ion mass spectrometry (SIMS) 1-30602
- Malmberg, P.R. see Kun, Z.K. 1-48168
- Malmestier, A.A., Yanson, Y.O. Nonisothermal deformation of a physically nonlinear material (polycarbonate) in a complex state of stress. I. Basic tests 1-31519
- Malmjac, Y. see Wolff, H.S. 1-4013
- Malmhall, R. see Rao, K.V. 1-7587
- Malmstadt, H.V., Walczak, K.M., Koupparis, M.A. An automated stopped-flow/unsegmented solution-storage analyzer 1-26776
- Malmstrom, R. Astrophotography 1-9381
- Maloch, J., Pekarek, S., Sobra, K. Plasma accelerators and their technological applications 1-14707
- Malody, C.W. see Condotta, D.L. 1-18850
- Malofeev, V.M. see Vyzhlov, B.V. 1-4932
- Malofeev, V.S. see Barnik, M.I. 1-37602
- Malomed, B.A. see Aldushin, A.P. 1-31862
- Malomozhnoy, A.M. see Volovin, S.M. 1-27280
- Malone, D.P. see Dollinger, R. 1-34146
- Malone, J.P. see Quan, B.L. 1-45600
- Malone, R.C. see Sherwood, A.R. 1-34112
- Maloney, D.P. Piagetian testing 1-40610
- Maloney, D.P., Burton, J.R. Using second law analysis for energy conservation studies in the petrochemical industry 1-17087
- Maloney, F.P. A simplified mercury switch head-control biofeedback device 1-4384
- Maloney, M.D. see Dawdy, D. 1-17593
- Maloney, P.J. see Smith, P.W. 1-46428
- Maloney, T.J. see Saxena, R.R. 1-8706
- Malov, L.A. see Kitipova, V. 1-23529
- Malov, Y.A. Anomalous behavior of the low-temperature electron specific heat in nonregular superconductors 1-3097
- Malov, Yu.A. see Zhernov, A.P. 1-25822
- Malovetskaya, V.M. see Milevskii, L.S. 1-30230
- Malovitskiy, V.A., Ban'ol'ski, V.M., Yevsyukov, Yu.D., Moskalenko, V.N., Prokoptsev, N.G. Geological nature of the Vavilov and Magnaghi Seamounts in the Tyrrhenian Sea 1-4494
- Malovrh, J. see Claytor, T.N. 1-50715
- Malraison, B. see Atten, P. 1-11370
- Malrieu, J.P. see Pelissier, M. 1-28868
- Malsberger, R.E. see Offenhardt, P.O.D. 1-48892
- Malso, C. see le Noane, G. 1-11159
- Malst, O.L. Lanthanide $f \rightarrow f$ transitions hypersensitive to the environment 1-42727
- Maltempo, M.M., Moss, T.H., Spartalian, K. Mossbauer spectroscopy of the mixed-spin and high-spin states of Chromatium ferrioxochrome c⁺ 1-1423
- Maltese, M., Zennaro, G., Martini, B., Croce, R., Nunziante Cesaro, S., Spoliti, M. Infrared matrix and polarized spectrum of bis(diethyldithio-carbamato)-nickel(II) 1-3388
- Maltese, M. see Spoliti, M. 1-6240
- Malthete, J. see Destrade, C. 1-2318
- Maltman, K., Isgur, N. Baryons with strangeness and charm in a quark model with chromodynamics 1-10156
- Mal'tsev, A.A. see Kitaev, V.B. 1-35492
- Mal'tsev, M.V., Sokolov, Yu.V., Kashnikov, N.I., Sokolov, L.D. Influence of plastic deformation on phase transformations during the ageing of the titanium alloy VT16 1-26450
- Mal'tsev, V.I. see Zhilyakov, S.M. 1-20961
- Mal'tsev, Yu.M., Bezzubov, V.V. On the Nappe structures of the Taimyr folded region 1-22298
- Mal'tseva, Z.S. see Milyukov, E.M. 1-42320
- Maltz, M. see Luebbe, R. 1-10044
- Maluenda, J., Farhi, R., Petot-Ervas, G. Physico-chemical properties of cuprous oxide at high temperature 1-42777
- Maluf, J.W. see Chaves, F.M.P. 1-50044
- Malugani, J.P., Robert, G. Preparation and electrical properties of the $0.37\text{Li}_2\text{S}-0.18\text{P}_2\text{S}_5-0.45\text{LiI}$ glass 1-34517
- Malumyan, V.G. Observations of galaxies of high surface brightness with the radio telescope RATAN-600 1-36396
- Maluszek, S. see Buchali, K. 1-4309
- Malvano, R. see Barbero, G. 1-30050
- Malvestuto, V. see Castaldini, M. 1-34025
- Malyarenko, V.A. see Matsevitskiy, Yu.M. 1-11398
- Malyarov, V.S. see Stradomskii, M.V. 1-4095
- Malyarov, V.V., Pivovarchik, V.N. An algebraic method for solving an inverse problem of the quantum scattering theory for fixed energy under spin-orbit interaction 1-49990
- Malyarovsky, A.I. see Bozhkov, A.I. 1-1754
- Malyavkin, L.P. see Bagratashvili, V.N. 1-51213
- Malygin, G.A. see Zimkin, I.N. 1-2453
- Malygina, A.P. see Ivanova, L.P. 1-8416
- Malykhanov, V.B. Perturbation theory for steady states of molecules in a one-electron approximation 1-24015
- Malykhin, A.P. see Zhuk, I.V. 1-23980, 1-51059
- Malykhin, E.I. see Finkel'shtein, V.B. 1-19239
- Malykhina, N.N. see Vashchuk, V.I. 1-51475
- Malykin, G.B. see Gelikonov, V.M. 1-37557
- Malyon, D.J., Smith, D.W., Berry, R.W. Wavelength sensed mode control of semiconductor lasers 1-1575
- Malysh, A.D., Burnos, V.A., Dunaeva, V.P. Evaluation of mechanical properties of bimetal tube specimens 1-26686
- Malyshenko, S.P. see Shpil'rain, E.E. 1-35716
- Malysh, B.M. see Veklich, N.A. 1-37864
- Malysh, D.D. see Astaf'ev, V.B. 1-20516
- Malysh, E.K., Belozorov, V.G., Shchetinin, O.I. Wide-range fission chamber for control and safety systems of nuclear reactors 1-23983
- Malysh, E.K. see Dmitriev, A.B. 1-10601
- Malysh, L.V. see Ashurly, Z.I. 1-33712
- Malysh, S.A. see Osinskiy, V.I. 1-3011
- Malysh, V.A. see Bodunov, E.N. 1-31183
- Malysh, V.I. see Babenko, V.A. 1-51500
- Malysh, V.M. see Voronov, V.P. 1-46640
- Malysh, A.F. see Kyarner, T.N. 1-21282
- Malysheskiy, N.G. see Anistratov, A.T. 1-30782
- Malyshkin, V.N. see Dorman, L.I. 1-36125
- Malyuk, T.I. see Krysov, V.I. 1-8315
- Malyukov, B.A., Korolev, V.E., Papkov, V.S., Vorkunova, M.A. Crystallographic disorientation of epitaxial layers of silicon on sapphire 1-2841
- Malyushevskii, P.P. see Babel, Yu.I. 1-2673
- Malyushitskaya, Z.V. see Kabalkina, S.S. 1-34274
- Malyushitskaya, Z.V., Kabalkina, S.S. Polymorphism of CdS at pressures up to 8.0 GPa and temperatures up to 773K 1-2625
- Malyusov, V.A. see Kuvrt, Yu.P. 1-46799
- Malyuta, D.D. see Anisimov, V.N. 1-33711
- Malyuta, D.D. see Baranov, V.Y. 1-41658
- Malyutenko, V.K., Bolgov, S.S., Pipa, V.I., Chai-kin, V.I. Quantum efficiency of radiative recombination in n-type InSb 1-3485
- Malyutenko, V.K. see Bolgov, S.S. 1-39158
- Malyutin, A.A. see Avesanov, A.G. 1-6579
- Malyutin, A.A. see Horvath, Z.Gy. 1-15168
- Malyutin, A.A. see Kil'pilo, A.V. 1-25014
- Malyutin, V.I., Gal, F.A. Pinning, bulging, and break-through of domain walls in thin magnetic films 1-38960
- Malyutina, T.I. see Amantuni, A.N. 1-15377, 1-27917
- Malzer, H. Height changes and recent vertical crustal movements in Western German areas—instrumental improvements 1-54058
- Mamadov, A.M. see Prakash, S.G. 1-20799
- Mamaev, A.V. see Blashchuk, V.N. 1-6615
- Mamaev, A.V. see Gulamiryan, A.L. 1-41762
- Mamaev, Yu.A. see Andronova, I.A. 1-33745
- Mamaladze, Yu.G. see Kiknadze, L.V. 1-11935
- Mamalui, Yu.A. see Kuntsevich, S.P. 1-52824
- Mamane, Y., Pueschel, R.F. A method for the detection of individual nitrate particles 1-42334
- Mamane, Y., Pueschel, R.F. Formation of sulfate particles in the plume of the Four Corners power plant 1-38339
- Mamantov, G., Marassi, R., Matsunaga, M., Ogata, Y., Wiaux, J.P., Frazer, E.J. The use of tetraivalent sulfur in molten chloroaluminate secondary batteries 1-32009
- Mamantov, G., Marassi, R., Ogata, Y., Matsunaga, M., Wiaux, J.P. A new rechargeable high voltage low temperature molten salt cell 1-53583
- Mamantov, G., Norvell, V.E., Klatt, L. Spectroelectrochemistry in melts: applications to molten chloroaluminates 1-8629
- Mamatova, T.A. see Lyamov, V.E. 1-25546
- Mamedov, A., Rud', Yu.V., Undalov, Yu.K. Possibility of doping tetrahedral glasses 1-42780
- Mamedov, A.I. see Abdullayev, A.G. 1-34634
- Mamedov, A.M., Lebedeva, N.N., Svistunova, N.N. Optical properties of gadolinium molybdate in the 0.1-35 eV range 1-21230
- Mamedov, A.M. see Zeinaly, A.Kh. 1-43063
- Mamedov, G.M. see Aliyev, N.A. 1-20811
- Mamedov, K.P., Gadzhiev, M.F., Suleimanov, Z.I., Nurieva, Z.D. An X-ray and thermographic investigation of the $\alpha \rightarrow \beta$ phase transition in Ag_2S 1-52277
- Mamedov, Kh.S. see Amirasanov, I.R. 1-25253, 1-42356, 1-42357
- Mamedov, N.T. see Abdullaeva, S.G. 1-26231, 1-48113
- Mamedov, N.T. see Gezalov, M.A. 1-47056
- Mamedov, R.I., Lukin, E.S. Phase composition and properties of ceramics in the $\text{Y}_2\text{O}_3\text{-Sc}_2\text{O}_3$ system 1-35239
- Mamedov, R.M. see Sattarov, R.M. 1-38015
- Mamedov, Sh.S. see Zamanova, R.T. 1-48105
- Mamedov, V.A. see Godzhaev, E.M. 1-52482
- Mamedov, V.K. see Abidinov, A.Sh. 1-3020, 1-3021, 1-20807
- Mamedova, A.Kh. see Dzhaforov, N.Kh. 1-25252
- Mameev, V.V. see Dudkin, G.N. 1-18639
- Mamelle, J., Merlin, Sombret Progress of the vitrification of HLW in France 1-45644
- Mamikonian, V.V. see Brodskii, S.M. 1-5912
- Mamishashvili, V.A., Mchedlishvili, G.I., Ormotsadze, L.G. Active reactions of the internal carotid artery under tension 1-17437
- Mamko, B.P. see Nemoshkalenko, V.Y. 1-20620
- Mamleev, A.Kh., Pozdeev, N.M. Structure of the ring in the tetrahydrothiophene molecule 1-41514
- Mammanna, A.P. see Braga, E.S. 1-35414
- Mammanna, C.I.Z. see Braga, E.S. 1-35414
- Mammanno, A. see Ciatti, F. 1-54507
- Mammerickx, J. Neogene reorganization of spreading between the Tamayo and the Rivera fracture zone 1-32428
- Mammone, J.F. see Sharma, S.K. 1-30078
- Mamonov, P.D., Moroz, I.I. Porosity of aluminum reflective coatings on mirrors 1-11067
- Mamonov, S.G. see Baranov, V.O. 1-33763
- Mamonov, S.G. see Baranov, V.Yu. 1-1591
- Mamonova, T.I. see Tret'yakova, S.P. 1-23982
- Mamontov, E.A. see Vikarchuk, A.A. 1-3885
- Mamouni, A., Nguyen, D.D., Robillard, M., Chive, M., Leroy, Y. Physical basis and technology of microwave radiometry 1-8971
- Mamouni, A., Nguyen, D.D., Robillard, M., Chive, M., Leroy, Y. Microwave thermography: new methods for diagnosis based on the measurement of the thermal noise emitted by living tissues 1-35859
- Mamouni, A. see Gauthier, M. 1-8973
- Mamouni, A. see Robert, J. 1-8972
- Mampe, W. see Golub, R. 1-50706
- Mamradze, P.G., Machabeli, G.Z., Melikidze, G.I. Generation of infra-red radiation of pulsar PSR 0532 by Langmuir solitons 1-40515
- Mamrillova, A. The yield condition for monocystals of monoclinic type of anisotropy, classes: 2.m,2/m; the rotary axis of the second order is parallel to the axis x_3 1-52217
- Mamrillova, A. The plastic potential and the yield condition for monocystals of the monoclinic type of anisotropy, classes: 2.m,2/m; the rotary axis of the second order is parallel to the axis x_3 1-52218
- Mamrukova, V.P. see Grigor'ev, V.G. 1-36138
- Mamuro, T. see Kusaka, Y. 1-49291
- Mamy, R., Thiry, P., Vachier, G., Couget, A. Experimental band structure of 1T-TaS₂ obtained by angle-resolved photoemission 1-38700
- Man, J. see Holzmann, M. 1-47163, 1-48484
- Man, M.C.M. see Tsung, A.C.C. 1-39650
- Man, S.F.P. see McQuarrie, S.A. 1-49110

- Man Chang, see Chang Man
 Man S. Kang, see Chang W. Song 1-53760
 Man Sze Chan, Bolton, J.R. Structures, reduction potentials and absorption maxima of synthetic dyes of interest in photochemical solar-energy storage studies 1-8767
 Man-Loong Chan, see Grimsrud, G.P. 1-39732
 Man-Pichot, C. see Cerez, P. 1-11050
 Man-Pichot, C.N., Brilliet, A. Precise measurement and assignment of CW laser emission lines from optically pumped Na_2 and Li_2 molecules 1-15157
 Man-Pichot, C.N. see Cerez, P. 1-36612
 Manabe, S., Kamide, K., Nohmi, T., Kawai, T. Applicability of pore characterization by gas permeability for porous cellulose-acetate membrane. V 1-39679
 Manabe, T., Yabuzaki, T., Ogawa, T. Observation of collisional transfer from alignment to orientation of atoms excited by a single-mode laser 1-51147
 Manabe, T. see Shibata, S. 1-6625, 1-16751, 1-41854
 Manae, S.G. Vacuum expectation values of the energy-momentum tensor of quantized fields in a homogeneous isotropic space-time 1-50028
 Managadze, G.G., see Lyachov, S.B. 1-44374
 Manage, T. see Mitachi, S. 1-37614
 Manaila, R., Devenyi, A. Short-range order modelling and bonding in metal-Ge systems 1-25169
 Manak, J.J. The two-dimensional in vitro passive stress-strain elasticity relationships for the steer thoracic aorta blood vessel tissue [and test apparatus] 1-17424
 Manaker, A. see Murthy, M.L.R. 1-53630
 Manakov, N.A. see Ankanov, V.B. 1-25994
 Manakov, N.A. see Krylekov, V.I. 1-30989
 Manakov, N.L., Fainshteyn, A.G. Decay of a weakly bound level in a monochromatic field 1-6212
 Manakov, N.L., Ovsyannikov, V.D. Nonlinear higher order susceptibilities for generation of optical radiation harmonics in atomic gases 1-24460
 Manakov, N.L., Ovsyannikov, V.D. Nonresonant three-photon light scattering in atoms. Transition cross sections between states of opposite parity 1-28940
 Manakov, N.L., Ovsyannikov, V.D. Nonresonant three-photon scattering in atoms. General structure of three-photon transition cross sections 1-33411
 Manakov, S.V. see Brusch, M. 1-28167
 Manakov, V.G. see Staristev, V.E. 1-12094
 Manalio, A.A., Rothberg, G.M. Cosine broadening of Mossbauer spectra with source and absorber of equal radii: Theory and experiment 1-28139
 Manapov, R.A. see Leksins, V.V. 1-21100
 Manara, A. see Buffoni, L. 1-9347
 Manarache, J.C., Mangin, D., Maubert, L., Colomb, G., Poullot, G. Dissolution and storage experiment with 4.75 wt.% ^{235}U -enriched UO_2 rods 1-778
 Manasrah, M.O., Santiago, J.J. Bromine residue compound as oxidation catalyst for graphitic carbons 1-48682
 Manassen, J. see Aurian-Blaizien, B. 1-8695
 Manassen, J. see Hodes, G. 1-21888
 Manassen, J. see Turner, J.A. 1-4097
 Manasson, V.A. see Malik, A.I. 1-17197, 1-35659
 Manasu Suzuki, see Yasuhiro Yamato 1-35724
 Manatt, S.L., Young, J.R. A measurement of the absolute NMR frequencies of CCl_3F and C_6F_6 relative to TMS 1-19113
 Manaud, J.-P. see Meunier, G. 1-52349
 Manca, M. see Aiello, I. 1-53774
 Mancarella, G. see Cleland, W.E. 1-23522, 1-45360
 Manceau, J.P. see Delhaes, P. 1-42550
 Manchanda, L., Vasi, J., Bhattacharyya, A.B. The effect of high temperature annealing on the spatial variation of bulk lifetime near the Si-SiO_2 interface 1-7745
 Manchanda, L., Vasi, J., Bhattacharyya, A.B. Hole traps in thermal silicon dioxide introduced by chlorine 1-30758
 Manchester, F.D. see Balbaa, I.S. 1-7766
 Manchester, R.N. see Newton, L.M. 1-54538
 Manchon, D.D. see Capasso, F. 1-18294
 Manchon, D.D., Jr. see Lee, T.P. 1-26388
 Manchuk, V.A. see Petushkov, A.A. 1-1013
 Mancini, G. see Ambrosetti, A. 1-2218
 Mancini, M. see Cianchi, L. 1-52534
 Mancini, N.A. see Giacinta, G. 1-42899
 Mancini, P. see Macerata, A. 1-53925
 Mancini, R.C., Fontan, C.F. Comments on a time-dependent ionization algorithm 1-51910
 Mancini, R.C. see Banuelos, A. 1-50041
 Manda, M.L. see Smith, M.D. 1-53639
 Mandache, C.C. Wall shift in hydrogen maser 1-51437
 Mandadi, V., Huseyin, K. Non-linear bifurcation analysis of non-gradient systems 1-24710
 Mandal, B.M. see Kanrar, A. 1-24618
 Mandal, B.N. see Dhar, O.N. 1-22440
 Mandal, C.R. see Datta, S. 1-24216
 Mandal, G. see Patankar, A.N. 1-3656
 Mandal, K., Pearson, T.D.L., Demas, J.N. Singlet energy transfer from the charge transfer excited state of tris(2,2'-bipyridine) ruthenium (II) 1-3454
 Mandal, P., Guha, S., Sil, N.C. Positron-helium collisions: positronium formation into an arbitrary excited S state 1-24292
 Mandal, T.K., Chatterjee, S.N. Ultraviolet- and sunlight-induced lipid peroxidation in liposomal membrane 1-17461
 Mandal Adhikari, B. see Chakraborty, A.K. 1-46237
 Mande, C. see Barthele, A.V. 1-21294
 Mande, C. see Edelbadkar, V.S. 1-6194
 Mande, C. see Lokhande, N.R. 1-26302
 Mande, C. see Pranawa Deshmukh 1-48196
 Mande, C. see Rao, Y.L. 1-35117
 Mandel, H. Radioactive waste disposal practices at the University of Illinois 1-41199
 Mandel, J. Generalization in R9 of the plastic potential rule for a polycrystalline element 1-11318
 Mandel, J. Concerning the elastic component of the strain rate 1-29564
 Mandel, J. Some statistical aspects of lattice parameter evaluation 1-29988
 Mandel, L. Photoelectric correlations and fourth order coherence properties of optical fields 1-41566
 Mandel, L. Intensity correlation time of an optical field 1-41573
 Mandel, L., Wolf, E. Complete coherence in the space-frequency domain 1-46216
 Mandel, L. see Durnin, J. 1-36735
 Mandel, L. see Roy, R. 1-6537, 1-15195
 Mandel, L. see Short, R. 1-41683
 Mandel, M. see Afar, M.N. 1-36679
 Mandelbaum, P. see Klapisch, M. 1-1159
 Mandelkern, L. Relation between properties and molecular morphology of semicrystalline polymers 1-38301
 Mandelkow, E. see Mandelkow, E.-M. 1-8814
 Mandelkow, E.-M., Harmsen, A., Mandelkow, E., Bords, J. X-ray kinetic studies of microtubule assembly using synchrotron radiation 1-8814
 Mandell, D.A., Fujita, R.K., Sicilian, M. A TRAC-PD2 analysis of the Bennett tube experiments 1-28548
 Mandell, D.A. see Gilbert, J.S. 1-45675
 Mandell, M.J., Katz, I., Steen, P.G., Schnuelle, G.W. The effect of solar array voltage patterns on plasma power losses 1-35651
 Mandell, M.J. see Katz, I. 1-34140
 Mandelli, see Armstrong 1-10254
 Mandelli, L. see Armstrong, T. 1-10606
 Mandelli, L. see Costa, G. 1-23516
 Mandelli, L. see Di Gennaro, V. 1-5660
 Mandelli, L. see Evangelista, C. 1-23515, 1-45354
 Mandelstam, S. General introduction to confinement 1-28284
 Mandelstam, S.L. see Korneev, V.V. 1-36259, 1-36260
 Mandelstam, S.L. see Sylwester, B. 1-49598
 Mandelweig, V.B. Matrix elements of two-body operators between three-body hyperspherical basis states 1-27821
 Manders, P.W., Bader, M.G., Hinton, M.J., Flower, P.Q. Mechanisms of impact damage in filament-wound glass-fibre/epoxy-resin tubes 1-48456
 Mandevilles, J.C. see Dollfus, A. 1-22520
 Mandic, K. The prevention of noise in thermal power stations 1-24591
 Mandich, M.L., Flynn, G.W. Collisional relaxation of vibrationally excited OCS in rare gas mixtures 1-10826
 Mandichev, G.I. see Popov, K.G. 1-31520
 Mandicourt, L. see Schmitz, F. 1-822
 Mandjavidze, Z.Sh. see Javirshvili, A.K. 1-23951
 Mandjukov, I. see Dunchev, L. 1-10012
 Mandl, F. see Arestov, Yu. 1-5668
 Mandl, F. see Gottgens, R. 1-50472
 Mandl, G. see Guittion, D. 1-8856, 1-8857
 Mandler, J.W. see Croney, S.T. 1-50851
 Mandler, J.W. see McIsaac, C.V. 1-28659
 Mandler, W. Design of basic double Gauss lenses 1-45056
 Mandorini, V. Emissione acustica per controllo non distruttivo (Acoustic emission for nondestructive testing) 1-48638
 Mandour, M.A. see Peixoto, J.E. 1-53906
 Mandravel, C. see Leica, M. 1-47014
 Mandrioli, G. see Barloutaud, R. 1-36885
 Mandrossov, V.I. Optimal smoothing of the fluctuations in optical images 1-29227
 Manduca, A., Bell, R.A., Gustafsson, B. The analysis of infrared fluxes of some late-type stars 1-54488
 Mandula, J.E. see Finger, J. 1-14343
 Mandurah, M.M., Saraswat, K.C., Helms, C.R., Kamins, T.I. Dopant segregation in polycrystalline silicon 1-38401
 Manduteanu, G.V. Ionising coefficients for the calculation of breakdown voltage in silicon planar semiconductor junctions. The Zener diode 1-34716
 Mane, F., Bisello, D., Bizot, J.-C., Buon, J., Cordier, A., Delcourt, B. Study of the reaction $e^-e^+ \rightarrow K_S^0 K_L^0$ in the total energy range 1.4-2.18 GeV and interpretation of the K^+ and K^0 form factors 1-45330
 Mane, F. see Bizot, J.C. 1-10243
 Mane, F. see Courau, A. 1-14440
 Mane, F. see Delcourt, B. 1-45329
 Maneb, B. see Kvapil, J. 1-26288
 Manenc, J. see Berneron, R. 1-43721
 Manenkov, A.A., Milyaev, V.A., Sanina, V.A. On the equilibrium in a system of free carriers, free excitons, and electron-hole droplets in Ge at 4.2 K 1-20638
 Manenkov, A.A. see Bagdasarov, Kh.S. 1-33732
 Manenkov, A.A. see Gomelaury, G.V. 1-34987
 Manenkov, A.B., Melekhin, V.N. Design of quasi-unimodal optical fibers with a selectively reflecting, multilayer coating 1-11121
 Manenkova, L.K. see Bashkironov, Sh.Sh. 1-20958
 Manent, G. see Cartwright, D.K. 1-823
 Manero, O., Walters, K. On elastic effects in unsteady pipe flows 1-34015
 Manes, J.L. see Perez-Mato, J.M. 1-52100
 Manes, J.L. see Tello, M.J. 1-42533
 Manes, K.R. see Monjes, J.A. 1-33737
 Manes, L. see Bouef, A. 1-47060
 Manes, L. see Naegele, J.R. 1-48230
 Manesis, E.K., Papadopoulos, N.A. Hadronic energy flow in leptoproduction: a test of QCD 1-10141
 Manev, S.G. see Lazarov, D.L. 1-8466
 Maneval, J.P. HF phonon transmission as a probe of condensed matter 1-38479
 Maneval, J.P. see Huet, D. 1-15973
 Maneval, J.P. see Pannetier, B. 1-15987, 1-42901
 Manevich, A.Sh. see Kuznetsov, A.V. 1-19738
 Manevich, L.I. see Vorob'eva, N.I. 1-24755
 Manfait, M., Alix, A.J.P., Butour, J.-L., Labarre, J.-F., Sournies, F. Raman studies on inorganic ring-dNA interactions. I. Hexaziridinocyclotriphosphazene $\text{N}_3\text{P}_3(\text{NC}_2\text{H}_4)_6$ 1-48946
 Manfredi, F. see Folonari, C. 1-21874
 Manfredi, M., Salviati, G.C. Reproducibility of the coloration processes in WO_3 films 1-34347
 Manfredi, M. see Bertoldi, P.G. 1-2498
 Manfredotti, C. see de Blasi, C. 1-3431
 Manfried, J. see Heck, A. 1-17821
 Mang, H.J. Remarks about angular momentum fluctuations and the particle-plus-rotor model as compared to the self-consistent cranking model 1-650
 Mang, T.S., Hariharan, P.V. Production of cyclobutane type pyrimidine dimers in the DNA of Chinese hamster lung fibroblasts (V-79) exposed to UV-B light 1-4333
 Mangazeev, B.V. see Lebedev, A.I. 1-18494, 1-45314
 Mangeot, P. see Comby, G. 1-14759
 Mangeot, P. see Hubbard, J.R. 1-14755
 Manghi, F. see Bertoni, C.M. 1-47721
 Manghi, F. see Margaritondo, G. 1-38828
 Manghni, M.H., Ming, L.C., Jamieson, J.C. Prospects of using synchrotron radiation facilities with diamond-anvil cells: high-pressure research applications in geophysics 1-27305
 Manghni, M.H., Ming, L.C., Matsui, T. Elasticity and phase transformations in rutile-structured compounds 1-39360
 Manghni, M.H. see Chandrasekhar, H.R. 1-8060
 Manghni, M.H. see Milholland, P. 1-11231
 Manghni, M.H. see Ming, L.C. 1-32434
 Mangiarotti, R.A., Bohn, A.J. Wind tunnel study of acoustical disturbance effect on controlled laminar flow 1-15465
 Mangin, D. see Manarache, J.C. 1-778
 Mangin, P. see Marchal, G. 1-25984
 Mangin, Ph. see Marchal, G. 1-30698
 Mangin, Ph. see Picuch, M. 1-26096
 Mangini, A. see Muller, P.J. 1-22321
 Mangir, M.S. see Reisler, H. 1-1270
 Manglick, A. see Messerle, H.K. 1-15607
 Mango, S. see Besset, D. 1-10375
 Mango, S. see Bolger, J. 1-41008
 Mangold, M. see Schmidt, W.D. 1-38898
 Mangotra, L.K. see Daftari, I.K. 1-45370
 Mangotra, L.K. see Kaul, G.L. 1-33267
 Mangussi, J., Saravia, L., Lesino, G. The use of sodium sulfate in solar ponds 1-13168
 Manheimer, W.M. Steady-state magnetic diffusion from resistive interchange modes in a plasma 1-2219
 Manheimer, W.M. see Colombant, D.G. 1-29853, 1-42140
 Manheimer, W.M. see Sprangle, P. 1-10962
 Mani, H.S., Rajasekaran, G., Rindani, S.D. Spin dependence of the charged-gluon contribution in deep-inelastic scattering 1-511
 Mani, S.A. Free-electron laser interaction in a variable pitch wiggler 1-15141
 Manida, S.N. Static solution of classical Yang-Mills equations with sources 1-40943
 Manificier, J.C., Fillard, J.P., Bind, J.M. Deposition of $\text{In}_2\text{O}_3\text{-SnO}_2$ layers on glass substrates using a spraying method 1-53089
 Manificier, J.C. see Castagne, M. 1-7636

- Manifacier, J.-C., Henisch, H.K.** The concept of screening length in lifetime and relaxation semiconductor 1-20762
- Manika, I.P.** see Upit, G.P. 1-47338
- Maniks, V.A.E.** see Upit, G.P. 1-47338
- Manin, V.N., Nazarov, V.G., Grigor'ev, V.P.** Determining the temperature dependence of the permeability of polymer films 1-25503
- Manin, Yu.I.** see Henkin, G.M. 1-479
- Maniscalco, J.A.** Inertial confinement fusion 1-37017
- Maniscalco, J.A.** see McGrath, R.T. 1-41243
- Maniv, S., Westwood, W.D.** Surface oxidation kinetics of sputtering targets 1-16687
- Maniv, T., Metiu, H.** Electrodynamics at a metal surface with applications to the spectroscopy of adsorbed molecules. I. General theory 1-25783
- Maniv, T., Metiu, H.** Some comments concerning the microscopic theory of Raman scattering by adsorbed molecules 1-35052
- Manja, B.A.** see Johnson, J.A. 1-44210
- Mank, R.M.** see Abraham, K.M. 1-21867
- Manka, R., Suffczynski, M.** The large polaron first-order phase transition 1-25649
- Mankel, S.** see Kupka, M. 1-29411
- Mankin, J.B.** see Gardner, R.H. 1-36005
- Man'ko, M.A.** see Bogatov, A.P. 1-6584
- Man'ko, T.A.** see Kvasha, A.N. 1-16821
- Man'ko, V.I.** see Akhundova, E.A. 1-9848
- Man'ko, V.I.** see Dodonov, V.V. 1-104, 1-49976
- Mankoc Borstnik, N.** see Cvetic, M. 1-28303
- Mankoc-Borstnik, N.** see Cvetic-Krivic, M. 1-50427
- Manley, G.** The northern Pennines revisited: Moor House, 1932-78 1-36038
- Manley, O.P., Treve, Y.M.** Minimum number of modes in approximate solutions to equations of hydrodynamics 1-46748
- Mann, A.** see Nir, D. 1-6369
- Mann, A.G., Blair, D.G.** Precision inductive position monitoring system for use in cryogenic environments 1-40793
- Mann, A.G.** see Blair, D.G. 1-40701
- Mann, A.K., Primakoff, H.** Possible production of "collapsed" hadronic matter in very-high-energy nucleon-nucleon collisions 1-586
- Mann, A.K.** see Heagy, S.M. 1-50433
- Mann, B.E.** see Gruninger, K.D. 1-41405
- Mann, E.** Criteria for the use of heat pumps in drying processes 1-35685
- Mann, F.M.** see Kalbach, C. 1-36940
- Mann, F.M.** see Wilson, H.S. 1-5741
- Mann, J.A.** see Woodcock, W.G. 1-53624
- Mann, J.B.** see Shakeshaft, R. 1-45846
- Mann, J.C., Wright, W.M.** Gating amplifier for generating tone bursts of precise separation 1-49904
- Mann, L.G.** see Girshick, F. 1-28384
- Mann, L.G.** see Lanier, R.G. 1-41110
- Mann, R., Beyer, H.F., Folkmann, F.** Selective electron capture: a dominant production process for few-electron states of light target atoms after heavy-ion impact 1-51285
- Mann, R.** see Mullaney, P.F. 1-35862
- Mann, R.** see Stuchly, M.A. 1-4325
- Mann, R.B., Moffat, J.W.** Gravitational synchrotron radiation in the metric of a new theory of gravitation 1-22676
- Mann, R.B., Moffat, J.W., Taylor, J.G.** Particle spectrum in a new theory of gravitation 1-18132
- Mann, R.W.** see Harrigan, T.P. 1-13278
- Mann, R.W.** see Tepic, S. 1-17445
- Mann, V.A., Repp, B.H.** Influence of preceding friction on stop consonant perception 1-46633
- Mann, W.A.** see Hanlon, J. 1-18464
- Mann, W.A.** see Kitagaki, T. 1-18467
- Mann, W.B.** Nuclear-decay data: the statement of uncertainties 1-5035
- Mann, W.B.** see Unterwiesing, M.P. 1-18902
- Mann Wang Park** see Chan Soo Han 1-49425
- Mannami, M., Kimura, K., Yoshima, A., Matsushita, M., Natsuaki, N.** Effects of dislocation on planar channelling of energetic H^+ and He^+ ions 1-38415
- Mannami, M.** see Kimura, K. 1-47126
- Mannami, M.** see Oshiyama, T. 1-25341
- Manne, A.S.** The use and role of models: long-term energy projections for the USA 1-35615
- Mannelli, I.** see Diakonou, M. 1-10256
- Mannelli, I.** see Kourkoumelis, C. 1-5665, 1-50474
- Manner, R.** see Harrach, D. 1-50693
- Manner, W.** see Chabaud, V. 1-50468
- Manner, W.** see Chabaud, V. 1-10392
- Manner, W.** see Daum, C. 1-14424, 1-28357
- Manner, W.** see Gorlich, L. 1-5656
- Manner, W.** see Sacharidis, E.J. 1-50469
- Mannervik, S.** Lifetimes of doubly-excited levels in neutral lithium 1-37160
- Mannervik, S.** see Hultberg, S. 1-37161
- Mannery, E.** see Brugel, E.W. 1-54582
- Manneville, P.** Intermittency, self-similarity and $1/f$ spectrum in dissipative dynamical systems 1-18153
- Mannhart, W.** Progress in integral data and their accuracy: average neutron cross sections in the californium-252 benchmark field 1-41151
- Mannheim, L.A.** The all-electronic camera 1-45044
- Mannheim, P.D.** Neutrino pairing as the origin of parity violation in a chiral flavor theory of weak interactions 1-14307
- Mannheim, P.D.** see Davidson, A. 1-18410
- Manninen, E.** see Gvozdzikov, V.M. 1-3123
- Manninen, M., Jena, P.** Self-consistent calculation of hyperfine fields at impurity sites in ferromagnetic host 1-12282
- Manninen, M.** see Smedskjaer, L.C. 1-8154
- Manning, B., Schwartz, G., Seki, T., Marsden, B.G.** Comet Panther (1980u) 1-27427
- Manning, J.R.** Effect of correlated jumps and vacancy wind interactions on atom jump frequencies and diffusion fluxes in a driving force 1-47277
- Manning, P.E.** The effect of scan rate on pitting potentials of high performance alloys in acidic chloride solutions 1-39511
- Manning, P.E., Duquette, D.J.** The effect of temperature (25° - 285° C) on pit initiation in single phase and duplex 304L stainless steels in 100 ppm Cl⁻ solution 1-16947
- Manning, P.E., Duquette, D.J., Savage, W.F.** The role of sulfide inclusion morphology in pit initiation of several type 300 series stainless steels 1-26659
- Manning, P.G.** see Vaishnav, P.P. 1-26095
- Manning-Hinds, B.** see Kaplan, H. 1-23234
- Mannocchi, G.** see Bologna, G. 1-28817
- Mannone, G., Tosto, S.** Fatigue under sinusoidal and random excitation of notched and unnotched specimens of Ti-6Al-6V-2Sn alloy 1-48489
- Manocha, A.S.** see Sinharoy, S. 1-47337
- Manocha, B.L., Al-Ali, B.M.A.** Some problems of unsteady transport phenomenon 1-15467
- Manocha, L.M.** see Fitzer, E. 1-35306
- Manogaran, S.** see Gayathri Devi, K.R. 1-45965
- Manohar, G.K.** see Selvam, A.M. 1-9229, 1-49372
- Manoharan, L.C., Nagabhushana, S.** Infrared hygrometer 1-22537
- Manoharan, P.T., Noordik, J.H., de Boer, E., Keijzers, C.P.** Exchange interactions in tropylium bis(1,2-dicyanoethylene dithiolato)nickelate (III) 1-47070
- Manolescu, A.V.** see Mayer, P. 1-16957
- Manolikas, C., Amelinckx, S.** Phase transitions in ferroelastic lead orthovanadate as observed by means of electron microscopy and electron diffraction. II. Dynamic observations 1-8302
- Manolitsakis, I.** see Ross, G. 1-1460
- Manolova, M.A.** see Apostolov, T.G. 1-23748
- Manoukian, E.B.** Dimensional analysis of subtracted-out Feynman integrands 1-5081
- Manqueouille, R.** see Ritty, B. 1-14141
- Manring, A., Anderson, P.A.W.** The contractility of cardiac muscle 1-39954
- Mansel, W.** see Petry, W. 1-21096
- Mansell, A., Powles, A., Sutton, J.** Changes in pulmonary PV characteristics of human subjects at an altitude of 5366 m 1-17421
- Mansfeld, F., Tsai, S.** Laboratory studies of atmospheric corrosion. I. Weight loss and electrochemical measurements 1-43567
- Mansfeld, G.D., Gulyaev, Yu.V.** Multipass amplification of acoustic waves incident normally on a semiconducting thin film 1-33849
- Mansfeld, G.D., Orlova, G.A., Gulyaev, Yu.V.** Amplitude and phase modulation of surface acoustic waves in $LiNbO_3$ -CdSe layered structure 1-34561
- Mansfeld, G.D., Rubtsov, A.A., Gulyaev, Yu.V.** Investigation of multitransit amplification of acoustic noise in n-type InSb crystals subjected to an alternating electric field 1-20826
- Mansfield, see Bangert, V.** 1-39981
- Mansfield, C.M.** see Haas, J.S. 1-43951
- Mansfield, D.** see Owens, D.K. 1-25073
- Mansfield, D.K., Semet, A., Johnson, L.C.** A lossless, passive isolator for optically pumped far-infrared lasers 1-24434
- Mansfield, D.K.** see Johnson, L.C. 1-46402
- Mansfield, E.H.** Gravity-induced wrinkle lines in vertical membranes 1-46677
- Mansfield, P.** see Goddard, P. 1-28182
- Mansfield, P.** see Pykett, I.L. 1-43945
- Mansfield, R.** see Tokumoto, H. 1-12131
- Mansfield, R.J.** see Hadley, M.R. 1-11207
- Mansfield, R.J.** see Sasaki, I. 1-11142
- Mansfield, R.J.W.** Cortical processing in the primate visual system 1-8858
- Mansingh, A., Krupanidhi, S.B.** Preparation and properties of thermally evaporated lead germanate films 1-16204
- Mansingh, A., Parkash, A.** Microwave measurement of conductivity and permittivity of semiconductor spheres by cavity perturbation technique 1-40813
- Mansingh, A., Ramadhar Singh** The mechanism of electrical threshold switching in VO₂ crystals 1-20829
- Manson, A.H., Meek, C.E., Gregory, J.B.** Gravity waves of short period (5-90 min), in the lower thermosphere at 52°N (Saskatoon, Canada) 1978/1979 1-40241
- Manson, A.H.** see Meek, C.E. 1-40264
- Manson, N.B., Porsch, J., Runciman, W.A.** GR transitions in diamond: magnetic field measurements 1-21176
- Manson, N.B., Sturge, M.D.** Absence of a strong Jahn-Teller effect in the $^{4}T_{2g}$ excited state of V^{2+} in MgO 1-12481
- Manson, N.B.** see Edgar, A. 1-3245
- Manson, N.B.** see Patterson, H.H. 1-8108
- Manson, S.S.** Some useful concepts for the designer in treating cumulative fatigue damage at elevated temperatures 1-31662
- Manson, S.T., Toburen, L.H.** Energy and angular distributions of electrons from fast He^+ -He collisions 1-41484
- Manson, S.T.** see Tambe, B.R. 1-45917
- Mansour, B., El Akkad, F., Hendeya, T.** Electrical and thermoelastic properties of some copper chalcogenides 1-38803
- Mansour, I.A.S.** see Iskander, S.S. 1-16977
- Mansour, N.A.L.** Equilibrium relationships in the system Ni-U-O 1-35238
- Mansouri, F.** Constituent models for basic fields of grand unified theories 1-50366
- Mansouri, I.** see Avignat, D. 1-38580
- Mansson, O.** see Andersson, B. 1-45207
- Mansur, L.K.** Effective diffusion coefficients of point defects in impure materials 1-38598
- Mansurova, A.N.** see Vladimirov, B.G. 1-25335
- Mansvetova, E.G.** see Lisovskii, F.V. 1-25995, 1-30996
- Mansy, F.M., Gobran, N.K.** On the stress exponent and the creep mechanism of Al-5 wt.% Mg 1-12816
- Mansy, F.M.** see Gobran, N.K. 1-26473, 1-38378
- Mantegazza, L.** see Antonello, E. 1-17867
- Mantegazza, L.** see Bossi, M. 1-17846
- Mantel, B.** see Glowinski, R. 1-6868, 1-18027
- Manthey, C.** see Altendorfer, F. 1-35620
- Manthey, M.J.** see Altschuler, M.D. 1-4386
- Mantia, F.P.** La see La Mantia, F.P.
- Mantle, J.A.** see Strand, E.M. 1-32282
- Manotck, J., Sawchuk, A.A., Strand, T.C.** Optical processor applied to cloud classification 1-27307
- Manton, M.J.** Computations of the effect of cloud properties on solar radiation 1-13572
- Manton, M.J.** On the modelling of mixed layers and entrainment in cumulus cloud 1-49317
- Manton, N.S.** An alternative action for lattice gauge theories 1-14243
- Manton, N.S.** see Jackiw, R. 1-410
- Mantovani, E.** see Porter, L.D. 1-32367
- Mantovani, F.** see Fanti, C. 1-36424
- Mantovani, G.C.** see Conta, C. 1-14418
- Mantovani, S., del Pennino, U., Valeri, S.** Energy band associated with dangling bonds in silicon 1-2916
- Mantrach, A.** see Fontannaz, M. 1-18450, 1-18487
- Mantri, A.N.** see Diebel, M. 1-631
- Mantsch, H.H.** see Cameron, D.G. 1-13362
- Mantsch, H.H.** see Neurohr, K.J. 1-21705, 1-26874
- Mantsch, P.** see Ciazynski, D. 1-45750
- Mantsyov, B.I.** see Bushuev, V.A. 1-6533
- Manstuh, O.M.** see Kasperovich, A.N. 1-40775
- Manstyla, A.W.** Electrical conductivity comparisons of Standard Seawater batches P29 to P84 1-54093
- Mantz, A.W.** see Kemeny, G.J. 1-5413
- Mantz, I.B.** see Edwards, D.O. 1-2733
- Mantzouranis, G., Pauli, H.-C.** Hot drops: the mean field approximation for statistical and collective phenomena in nuclei 1-5676
- Mantzouranis, G.** see Myers, W.D. 1-28505
- Manu, C.** see Ingrassia, A.R. 1-11349
- Manuccia, T.J.** see Hsu, D.S.Y. 1-14857
- Manuel, O.K.** see Sabu, D.D. 1-40439
- Manuilov, K.K.** see Marov, M.Ya. 1-4802
- Manuilov, V.S.** Radial motion of plasma filament in Tokamak thermonuclear machine 1-5998
- Manukyan, A.G.** see Avakyan, G.M. 1-38843
- Manukyan, N.V., Minasyan, B.Ts.** Isotropic densification of fiber and composite materials 1-12689
- Manus, C.** see Mainfray, G. 1-28939
- Manus, C.** see Roussel, F. 1-10805
- Manvelyan, M.O.** see Martirosyan, R.M. 1-12395
- Manvelyan, R.V., Kupriyanov, S.E., Perov, A.A.** Comparison between electric and magnetic analyzers in measurements of ion dissociation mass spectra 1-4057
- Manvi, R., Ethylosov, N., Smith, W.** Impinging jets direct contact heat exchanger [application in geothermal power generation and OTEC systems] 1-53643
- Manvi, R., Funita, T., Gajanana, B.C., Marcus, C.J.** Thermal buffering of receivers for parabolic dish solar thermal power plants 1-48909
- Many, A.** see Goldstein, Y. 1-12613
- Manyach, A.P.** see Grebnik, V.G. 1-43054
- Manykin, E.A., Ozhov, M.I., Poleukov, P.P.** Multiphoton processes during the interaction of an electron with a uniform field and an electromagnetic wave 1-10112

- Manykin, E.A., Ozhovan, M.I., Poluektov, P.P., Lebedev, A.V. Coherent reflection of waves by a field layer moving in a nonlinear medium 1-29325
- Manykin, Z.A., Ozhovan, M.I., Poluektov, P.P. Transition of an excited gas to a metallic state 1-34037
- Manyuk, V.L., Varenko, E.S., Moroz, I.I. On the mechanism of smoothing of surface roughness during electrochemical treatment. II. Smoothing of surface roughness in a passivating electrolyte 1-39518
- Manyuk, V.L., Varenko, E.S., Moroz, I.I. On the mechanism of roughness smoothing during electrochemical size treatment. III. Influence of treatment conditions on smoothing speed 1-43551
- Manz, A., Reucroft, S., Settles, R., Wolf, G., Marraffino, J., Roos, C., Waters, J., Webster, M. A new measurement of $\Sigma^+ \rightarrow \pi\gamma$ decay properties 1-14394
- Manz, J., Romelt, J. Dissociative collinear reactions evaluated by S-matrix propagation along Delves' radial coordinate 1-31839
- Manz, J., see Hauke, G. 1-39603
- Manzel, K., Engelhardt, U., Abe, H., Schulze, W., Froben, F.W. Matrix Raman studies of Bi_2 ($n \geq 2$) molecules 1-41383
- Manzel, K., see Abe, H. 1-45969
- Manzel, M., see Lebedev, A.A. 1-20864
- Manzelli, P. Science, society and trends in science education—some thoughts on the development of integrated science in the educational systems of the world 1-13955
- Manzhalei, V.I. Lifetime of a multifront structure in overcompressed detonation waves in gases 1-13009
- Manzhara, V.S., see Blashkiv, V.S. 1-43195
- Manzhelii, V.G., Freiman, Y.A., Chausov, G.P., Sumarov, V.V. Effect of oxygen impurity in low concentrations on the heat capacity of solidified gas 1-52309
- Manzhelii, V.G., see Ezhovskii, A. 1-30427
- Manzhelii, V.G., see Sumarov, V.V. 1-2648
- Manzhelii, V.G., see Tolkaichev, A.M. 1-30419
- Manzo, G., Davelaar, J., Peacock, A., Andresen, R.D., Taylor, B.G. A fluorescent gated gas scintillation proportional counter for high energy X-ray spectroscopy 1-23935
- Manzo, G., see Corno, S.E. 1-14573
- Manzo, G., see Massaro, E. 1-13648
- Manzo, M.A., see Sheibley, D.W. 1-32003
- Manzoni, B.M., see Askar'yan, G.A. 1-37586
- Manzoni, G., see Cernigoi, C. 1-1753
- Mao, C.-P., Szekely, G.A., Jr., Faeth, G.M. Evaluation of a locally homogeneous flow model of spray combustion 1-4090
- Mao, H.K., Bell, P.M. Design of the diamond-window, high-pressure apparatus for cryogenic experiments 1-28002
- Mao, H.K., see Dunn, K.J. 1-31821
- Mao, H.K., see Madon, M. 1-22328
- Mao, H.K., see Sharma, S.K. 1-39108
- Mao De-qiang, Gu Yi-ming, Zhou Zi-fan, Wu Hang-sheng The Harris singularity of the Josephson current of a junction driven into non-equilibrium 1-47802
- Mao De-qiang, see Zhou Zi-fang 1-20895, 1-25818, 1-52677
- Mao Nai-feng, see Beckerman, M. 1-10401
- Mao Nguyen Si, see Nguyen Si Mao
- Mao-San Liu, see Liu Mao-San
- Mao-Yuan Yang, see Yang Mao-Yuan
- Maor, D., Rosner, B., Meron, M., Schmidt-Bocking, H., Schuch, R. Inner-shell effect on the sulphur projectile charge state after single close collisions with rare gases 1-46069
- Maor, U., see Katznelson, E. 1-23508
- Mapalo, L., see Craddock, W. 1-45768
- Mapel, M.B., see Moncton, D.E. 1-30883
- Maple, J.R., Wilson, R.S., Knudtson, J.T. Fluctuations on the approach to equilibrium: Molecular dynamics study of rotational correlations for vibrating molecules 1-6231
- Maple, M.B., Hamaker, H.C., Woolf, L.D., Mackay, H.B., Fisk, Z., Odoni, W., Ott, H.R. Superconductivity, long-range magnetic order, and crystal-field effects in RERh_2B_4 compounds 1-25844
- Maple, M.B., see DeLong, L.E. 1-25910
- Maple, M.B., see Hamaker, H.C. 1-30867
- Maple, M.B., see Lambert, S.E. 1-34837
- Maple, M.B., see Mackay, H.B. 1-34879
- Maple, M.B., see Mook, H.A. 1-7813
- Maple, M.B., see Turner, J.E. 1-48735
- Maples, D., Whitehouse, G.D. Waste heat utilization from boilers 1-35608
- Mapleson, W.W., Chilcoat, R.T., Willis, B.A. Analysis of small discrete samples of gas with a respiratory mass spectrometer 1-13303
- Mapp, J., see Gunderson, B. 1-45339
- Maquet, A., see Gazcau, J.P. 1-37091
- Mar, A., Winnik, M.A. Intramolecular quenching of benzophenone phosphorescence by olefins 1-29103
- Mar, B.W., Bakken, O.A. Application of classical and optimal control theories to energy-economics systems 1-43747
- Mar, G.N. La see La Mar, G.N.
- Mar, K.M. see Reed, C.L. 1-15892
- Mar, S. see Arias, I. 1-1673
- Marable, J.H., see Maerker, R.E. 1-50672
- Marable, J.H., see Ryskamp, J.M. 1-50858
- Maradudin, A.A., Mazur, P. Effects of surface roughness on the van der Waals force between macroscopic bodies 1-8025
- Maradudin, A.A., see Mazur, P. 1-43082
- Maradudin, A.A., see Shen, J. 1-18045
- Maradudin, A.A., see Sparks, M. 1-39193
- Maradudin, A.A., see Stegeman, G.I. 1-52633
- Maradudin, A.A., see Horton, G.K. (editor) 1-36464, 1-40608
- Marafante, E., see Goetz, L. 1-21754
- Marageter, E., see Herzog, G.W. 1-48003
- Maraine, P., see Thuillier-Chevin, F. 1-20162, 1-34293
- Marakhonov, V.I., see Petrov, M.P. 1-33797
- Marakushev, S.A., see Vainshteyn, B.K. 1-17342
- Marancik, W., see Spencer, C.R. 1-48295
- Marangos, J., see Strauss, A. 1-3305
- Marano, B., Vettolani, P., Zitelli, V., Daperolas, A., Vettolani, G. Supernova in NGC 6946 1-17860
- Marano, B., see Bonoli, F. 1-13878
- Marano, B., see Vettolani, G. 1-4977, 1-49699
- Marano, J., see Pousa, J.L. 1-45946
- Marar, T.M.K., see Rao, U.R. 1-49595
- Mararov, Y.F., see Kerzhanovich, V.V. 1-49553
- Marasanos, E.A., see Abramov, N.V. 1-31335
- Maraschi, L., Perola, G.C., Treves, A. Inhomogeneous spherical accretion onto massive black holes as a model for active galactic nuclei 1-44626
- Maraschi, L., Tanzi, E.G., Treves, A. Far-ultraviolet observations of Cygnus X-2 1-22838
- Maraschi, L., Treves, A. A model for LS I 61° 303 1-36428
- Marassi, R., see Mamantov, G. 1-32009, 1-53583
- Marat, K., see Wasylissen, R.E. 1-14941
- Marathe, P.K., Massand, O.P., Singh, D. Neutron fluence to dose conversion factors for some moderated neutron spectra 1-14703
- Marathe, P.K., see Kundu, H.K. 1-14720
- Marathe, S.G., see Rao, V.K. 1-53511
- Marathe, V.R., see Lauer, S. 1-19025
- Marazza, R., Rossi, D., Ferro, R. CaIn_2 -type and MgAgAs -type RESBp compounds ($\text{RE} = \text{rare earth element}$) 1-30138
- Marazza, R., see Ferro, R. 1-23
- Marbeuf, A., see Etcheberry, A. 1-13144, 1-35587
- Marble, A.E., Qureshi, M.S., Hastings-James, R. Microcomputer-based myocardial contractility measuring system 1-32271
- Marburger, J.H., Power, E.A. Minimum-uncertainty states of systems with many degrees of freedom 1-18061
- Marcelja, S. Mathematical description of the responses of simple cortical cells 1-32120
- Marcelja, S. Electrical coupling of photoreceptors in retinal network models 1-39910
- Marcellini, A., see Maistrello, M. 1-13414
- Marcellus, D., see Reuveni, A. 1-39008
- March, D.W., see Ziolkowski, A.M. 1-54263
- March, N.H. Melting of ionic crystals, defect energies and fast ion conduction 1-25410
- March, N.H. Approximate kinetic energy relations in density functional theory 1-51082
- March, N.H. Relation between electrostatic potential of electron cloud at nucleus and chemical potential in atomic ions 1-51305
- March, N.H., Ferraz, A. Conduction mechanism in biopolymers 1-47649
- March, N.H., Richardson, D.D., Tosi, M.P. Correlation of the superionic transition temperature and the Frenkel energy in fluorite crystals 1-7328
- March, N.H., Tosi, M.P. Boiling of alkali halides: an ionic to molecular phase transition 1-25418
- March, N.H., Tosi, M.P. Melting and boiling from ionic to molecular phases 1-30371
- March, N.H., see Brah, A.S. 1-20047
- March, N.H., see Ferraz, A. 1-42519
- March, N.H., see Pucci, R. 1-47136
- March, P.A., see Durgin, W.W. 1-42062
- March, R., see Tello, R. 1-22167
- March, R., see Yamin, P. 1-45372
- March, R.E., see Fulford, J.E. 1-18325
- Marchal, C. The fundamental instability of the general n-body problem 1-13671
- Marchal, C. Periodic orbits of arbitrary inclinations and eccentricities in the general 3-body problem 1-44416
- Marchal, G., Geny, J.F., Mangin, Ph., Janot, Chr. Electrical transport and stability of $\text{TM}_{1-x}\text{Sn}_x$ amorphous alloys ($\text{TM} = \text{Fe, Co, Ni}$) 1-30698
- Marchal, G., Teirlinck, D., Mangin, P., Janot, C., Hubsch, J. Magnetic behaviour of vapour quenched $\text{Co}_{1-x}\text{Sn}_x$ alloys 1-25984
- Marchal, G., see Nikolov, S. 1-25985
- Marchal, G., see Picuch, M. 1-26096
- Marchand, A., Quintard, J.P. Vibrational spectra of styrene and its seven deuterated vinylic isomers: complete assignment of the spectra by valence force field calculations 1-14893
- Marchand, A., see Feldmann, P. 1-26176
- Marchand, A., see Furdin, G. 1-20952
- Marchand, A., see Guillot, M. 1-52747
- Marchand, D., see Freitigny, C. 1-33080
- Marchand, J.J., see Balland, B. 1-36701
- Marchand, J.L., Rieux, J.P., Vachet, F. Report on perfecting of low temperature 5-120°C thermal storage products 1-17305
- Marchand, R., Brohan, L., Tournoux, M. $\text{TiO}_2(\text{B})$ a new form of titanium dioxide and the potassium octatitanate $\text{K}_2\text{Ti}_8\text{O}_{17}$ 1-3645
- Marchant, A.B., Shapiro, S.L. Star clusters containing massive, central black holes. III. Evolution calculations 1-9583
- Marchant, D.D., Bates, J.L. Rare-earth hafnium oxide materials for magnetohydrodynamic (MHD) generator application 1-26842
- Marchant, J.D., Morrice, E., Herve, B.P., Wong, M.M. Preparing rare earth-silicon-iron-aluminum alloys 1-39280
- Marche, P., Barbe, A., Secroun, C., Corr, J., Jouve, P. Ground based spectroscopic measurements of Hcl 1-36028
- Marchenio, V.I., Sedyuk, V.A. Study of temperature shift of fundamental absorption band edge in cerium sesquisulphide 1-16617
- Marchenko, A.E., see Pokhodnya, I.K. 1-40889
- Marchenko, A.I., Pustovalov, V.K. Parameters of the bleaching of a monodisperse medium under the action of monochromatic radiation 1-11051
- Marchenko, A.N., see Meshcheryakov, G.A. 1-4801
- Marchenko, A.V., Nikulov, V.A. Fluctuation conductivity in V_3Ge near the second critical field 1-52707
- Marchenko, L.I., see Dekhtyar, I.Ya. 1-3545
- Marchenko, L.S., Moiseev, D.P., Muzalevskii, E.A., Uvarova, S.K. Superconductivity in the solid solutions $\text{BaPb}_{1-x}\text{O}_3$ 1-20897
- Marchenko, P.M., see Buchinskii, Ya.V. 1-18247
- Marchenko, S.G. Polarization variability of the optical radiation of the compact extragalactic object B2 1418 + 54 1-4993
- Marchenko, V.B., see Balygin, A.K. 1-53019
- Marchenko, V.M., see Koryakovskii, A.S. 1-6561
- Marchenko, V.N., see Filippov, G.A. 1-31509
- Marchenko, V.S., see Zhdiev, V.I. 1-42135
- Marchenko, V.S., see Dzhirkov, A.G. 1-38081
- Marchenko, E.I., see Kantorovich, I.I. 1-13011
- Marchertas, A.H., Belytschko, T.B. Transient analysis of a prestressed concrete reactor vessel for liquid-metal fast breeder reactor primary containment 1-33324
- Marchertas, A.H., see Seidensticker, R.W. 1-10473, 1-33325
- Marchese, J., see Horas, J.A. 1-7456
- Marchesi, C., see Macorata, A. 1-53925
- Marchesi, M., see Bianco, B. 1-53951
- Marchesin, D., see Glimm, J. 1-51864
- Marchesini, G., see Amati, D. 1-597
- Marchesini, G., see Cicuta, G.M. 1-14237
- Marchetti, A. The optically detected magnetic resonance of pure and doped silver bromide 1-47979
- Marchetti, A.P. An optically detected magnetic resonance study of manganese-doped silver chloride 1-52870
- Marchetti, G., see Andreotti, L. 1-17176, 1-17297
- Marchetti, P.A. The U₁ problem in a two- and in a four-dimensional model 1-40925
- Marchetti, S., see Anderle, M. 1-24235
- Marchetti, S., see Bassi, D. 1-51266
- Marchetto, F., see Barlaoutaud, R. 1-36885
- Marchetto, F., see Borreani, G. 1-45337, 1-50461
- Marchi, A., De see De Marchi, A.
- Marchi Desenzani, P., De see De Marchi Desenzani, P.
- Marchie Van Voorthuysen, E.H. Du see Du Marchie Van Voorthuysen, E.H.
- Marchik, I.I., see Lebed', B.M. 1-6100
- Marchildon, L. Gravity and the tachyon corridor 1-32837
- Marchis, G., De see de Marchis, G.
- Marchis, G., De see De Marchis, G.
- Marchuk, I.V., Zaitseva, T.R., Kulakova, T.B. Algorithm for accelerated recording of induced potentials in the human aural system 1-44035
- Marchuk, N.D., see Brailovskii, E.Yu. 1-38743, 1-42379
- Marchulyenis, D.-V.A., Bareishis, I.P., Stirbis, A.P. Method of measuring vibrocreep of plastics 1-16987
- Marciano, C., see Bendiscioli, G. 1-36949
- Marciano, W.J. Neutrino masses: Theory and experiment 1-33136
- Marciano, W.J. Theoretical aspects of proton decay 1-45193
- Marciano, W.J., Sirlin, A. Radiative corrections to neutrino-induced neutral-current phenomena in the $\text{SU}(2)_L \times \text{U}(1)$ theory 1-36865
- Marciano, W.J., Sirlin, A. Precise $\text{SU}(5)$ predictions for $\sin^2\theta_W^{\text{exp}}$, m_W , and m_Z 1-45178
- Marciniak, T.J., see Bratis, J.C. 1-53533
- Marcinkowski, A., see Adamski, L. 1-14518
- Marcinkowski, A., see Erlandsson, B. 1-5727, 1-10324

- Marcinkowski, M.J. The differential geometry of bending 1-66
- Marcinkowski, M.J. see Jagannadham, K. 1-8422, 1-52226
- Marco, A. de see de Marco, A.
- Marcon, R. see Giura, M. 1-42806
- Marconi, M.C., Martinez, O.E., Diodati, F.P. Reliable passive mode locking with slow Q switching 1-24439
- Marcos, J.I. see Arenas, J.F. 1-31155
- Marcout, J. see Acker, A. 1-49539
- Marculescu, L., Ghita, C., Mihut, L. On the luminescence of Sn in NaCl crystals 1-21264
- Marculescu, L. see Baltog, I. 1-21246
- Marcum, S.D. see Downes, L.W. 1-41487
- Marcus, A.J., Knorr, G., Joyce, G. Two-dimensional simulation of cusp confinement of a plasma 1-19943
- Marcus, A.J. see Knorr, G. 1-19950
- Marcus, C.J. see Manvi, R. 1-48909
- Marcus, F. see McKelvey, T.E. 1-907
- Marcus, H.L. see Schermerling, M. 1-16790
- Marcus, H.L. see Zurek, A.K. 1-26787, 1-31638
- Marcus, J. see Travaglini, G. 1-48021
- Marcus, M. Quasicyrystalline behaviour and phase transition in cholesteric 'blue' phase 1-34222
- Marcus, P.M., Jona, F., Finch, S., Bay, H. Energy shift procedure for the inner potential in LEED crystallography 1-46962
- Marcus, P.M. see Fernandez, J.C. 1-38631
- Marcus, P.M. see Jepsen, D.W. 1-2787
- Marcus, P.M. see Jona, F. 1-42269
- Marcus, P.M. see Shih, H.D. 1-52403
- Marcus, P.S. Stellar convection. II. A multimode numerical solution for convection in spheres 1-9468
- Marcus, P.S. Stellar convection. III. Convection at large Rayleigh numbers 1-9471
- Marcus, P.S. Effects of truncation in modal representations of thermal convection 1-51772
- Marcus, R.A. see Babamov, V.K. 1-53411
- Marcus, R.A. see Coltrin, M.E. 1-1330, 1-14989, 1-24210
- Marcus, R.A. see Ramaswamy, R. 1-37162, 1-45822, 1-46033
- Marcus, V. Compilation and evaluation of solubility data in the mercury (I) chloride-water system 1-52298
- Marcuse, D. Reflection of a Gaussian beam from a nonlinear interface 1-6599
- Marcuse, D. Radiation losses of step-tapered channel waveguides 1-11178
- Marcuse, D. Equalization of dispersion in single-mode fibers 1-46555
- Marcuse, D., Presby, H.M. Lightguide fibers: in pursuit of the ideal profile 1-24538
- Marcuse, D. see Kaminov, I.P. 1-11115
- Marcuse, D. see Lin, C. 1-33811
- Marcuse, D. see Presby, H.M. 1-11113
- Marcuvitz, N. Quasiparticle view of wave propagation 1-18041
- Marcyk, G.T. see Chan, S.S. 1-47646
- Marcz, F. see Adam, A. 1-40058
- Marczewski, A.W. see Patrykiewicz, A. 1-42638
- Marczinowski, P., Trenkler, G. Digital AC bridge with two programmable AC sources 1-28035
- Mardilovich, P.P. see Trokhimets, A.I. 1-3390
- Mardion, G. Bon see Mardion, G.
- Mardirosova, I.V., Matrosova, V.A., Savenkova, M.A., Bukhalova, G.A. The system $\text{Ba}(\text{PO}_3)_2\text{-Zn}(\text{PO}_3)_2$ 1-31435
- Mardirosova, I.V. see Bukhalova, G.A. 1-35240
- Mardirossian, F., Predolin, F., Giuricin, G. Revised photometric elements of the eclipsing binary DI Peg 1-27551
- Mardirossian, F. see Cester, B. 1-44445
- Mardirossian, F. see Giuricin, G. 1-36330, 1-40520, 1-44589, 1-49724, 1-49729, 1-54552
- Mardirossian, F. see Mezzetti, M. 1-9573
- Mardon, P.G. see Borland, W. 1-39274
- Marduxaeb, A.R. see Prakash, S.G. 1-20799
- Mardyan, M.G., Ryabchikov, E.A., Epshtein, G.N. Method of determining the adhesivity of layers of a bimetal 1-16986
- Marec, J. see Glaude, V.M.M. 1-34083
- Marechal, A. Imaging processes and coherence in optics 1-37432
- Marechal, E. see Burneau, A. 1-37208
- Marechal, J. see Polychronidis, C. 1-11388
- Marechal, J.C. see Mathieu, P. 1-20492
- Marechal, Y. see Excoffon, P. 1-21181, 1-26182, 1-34278
- Mareche, J.F., McRae, E., Furdin, G., Billaud, D., Herold, A. Magnetic susceptibility transitions in MC_{24} (M=K, Rb, Cs) graphite intercalation compounds 1-38904
- Mareche, J.F. see Billaud, D. 1-34755, 1-47627
- Mareche, J.F. see El Makrini, M. 1-38769
- Mareche, J.-F., Rat, J.-C., Herold, A. Electromigration of hydrogen and deuterium in titanium 1-42579
- Marek, J. Grimaldi's contribution to the physics of detectors [white light splitting] 1-44747
- Marek, J., Mohyla, I., Mrha, J., Jindra, J. Sealed Ni-Cd cells: the temperature behaviour of electrodes in excess of electrolyte 1-53574
- Marek, J., Stahnke, H.J. Radiative lifetimes of optical levels of neutral erbium, gadolinium and neodymium 1-24083
- Marel, C. Van der see van der Marel, C.
- Marel, C. Van der see Van der Marel, C.
- Marel, G. see De Brion, J.P. 1-37066
- Marel, L.C. van der see van der Marel, L.C.
- Marelli, L. Experience and prospects of the Earth-net programme 1-4622
- Marenkin, S.F., Lazarev, V.B., Shevchenko, V.Y., Sokolovsky, K.A. The growth of CdAs_2 and ZnAs_2 single crystals by directed zone melting recrystallization 1-3617
- Marenkin, S.F. see Lazarev, V.B. 1-15872
- Marenkov, O.S., Singarieva, T.V. Calculation of X-ray and γ -ray photoelectric attenuation factors for statistical modeling of transport processes 1-23130
- Marennikov, S.I. see Gusev, Yu.L. 1-6562, 1-24423
- Maresca, J.W., Jr., Carlson, C.T. High-frequency skywave radar measurements of hurricane Anita 1-40229
- Mareschal, M. H-theorem for an infinite, one-dimensional, hard-point system 1-40742
- Mareyeva, N.A. Flow past a slender profile in a channel with permeable walls 1-51799
- Marezio, M. see Bochu, B. 1-15878
- Marezio, M. see Hodeau, J.L. 1-38363
- Marezio, M. see Santoro, A. 1-38350
- Marezio, M. see Schlenker, C. 1-11715
- Marfaing, Y. Physics and economics of photovoltaic solar energy conversion 1-17212
- Marfaing, Y. see Triboulet, R. 1-12643
- Margadonna, D. see Colozza, C. 1-8704
- Margalit, A. see Grover, N.B. 1-32193
- Margalit, S., Bar-Chaim, N., Katz, J., Ury, I., Wilt, D.P., Yust, M., Yaviv, A. Integrated optoelectronics 1-15289
- Margalit, S. see Chen, P.C. 1-46377
- Margalit, S. see Katz, J. 1-1582, 1-37503, 1-41697
- Margani, A. see Di Stefano, G. 1-45887
- Margaritondo, G., Franciosi, A., Stoffel, N.G., Edelman, H.S. A solution of the core-excitation issue for silicon and germanium 1-16235
- Margaritondo, G., Katnani, A.D., Stoffel, N.G. Photon-energy dependence of the core-level peak intensity in photoelectron spectra: A study of the extended fine structure 1-8192
- Margaritondo, G., Rowe, J.E., Bertoni, C.M., Calandra, C., Manghi, F. Two-dimensional band structure of chemisorbed chlorine on GaAs (110) 1-38828
- Margaritondo, G., Stoffel, N.G., Katnani, A.D., Brillson, L.J. Atomic-interlayer-controlled diffusion at semiconductor-semiconductor interfaces 1-38600
- Margaritondo, G., Stoffel, N.G., Katnani, A.D., Patella, F. Microscopic investigation of the band discontinuities at the silicon-germanium heterojunction interface 1-7689
- Margaritondo, G. see Brillson, L.J. 1-16103, 1-52440
- Margaritondo, G. see Duke, C.B. 1-42612
- Margaryan, A.T. see Frolov, A.M. 1-28771
- Margaryan, A.T. see Maishev, V.A. 1-25348
- Margheritis, C. Monte Carlo calculations on molten TiCl_4 , TiBr_4 and TiI_4 1-52046
- Margineanu, D.-G., Fontana, M.L. Immersion weighing method for recording the flows through macroscopic membranes 1-13364
- Margolin, A.D. see Shmelev, V.M. 1-42244
- Margolin, H., Hashimoto, K., Yaguchi, H. Grain boundary nucleation of slip 1-52145
- Margolin, H., Hazaveh, F. The behavior of slip during reverse loading of a β -Ti-Mn alloy 1-20236
- Margolin, H. see Saleh, Y. 1-8426
- Margolin, L.N. see Glebova, L.A. 1-24064
- Margolin, N.M. see Gubankov, V.N. 1-40857
- Margolis, B. see Afek, Y. 1-18469, 1-45319
- Margolis, J.S., McCleese, D.J., Seaman, C.H., Shumate, M.S. Instrument remotely measures wind velocities 1-40224
- Margolis, R.H., Goldberg, S.M. Auditory frequency selectivity in normal and presbycusis subjects 1-39941
- Margolis, S.H., Knobloch, E. Solutions of the equation of the heat flow [sunspots] 1-13749
- Margon, B. The bizarre spectrum of SS 433 1-32712
- Margon, B., Grandi, S.A., Downes, R.A. The 164 and 13 day periods of SS 433: confirmation of the kinematic model 1-36289
- Margon, B. see Chanan, G.A. 1-49859
- Margon, B. see Downes, R.A. 1-40557
- Margon, B. see Polidan, R.S. 1-27556
- Margon, B. see Schmidt, G.D. 1-4953, 1-54553
- Margon, B. see Shafter, A.W. 1-13800
- Margot, J. see Fitair, M. 1-38122
- Margrave, G.F., Nyland, E. Strain from repeated geodetic surveys by generalized inverse methods 1-36067
- Margrave, T.E. see Warman, J. 1-32710
- Marguer, G., Charvet, A., Genevey, J., Richard-Serre, C., Knipper, A., Walter, G. The decay of $1.7 \times 10^{23} \text{mCs}$ and $5.9 \text{ min } ^{125}\text{mCs}$ 1-23588
- Marguer, G. see Barci, V. 1-23535
- Margulis, A.E. see Miskolczy, G. 1-48889
- Margulis, S. see Bromberg, C. 1-10266, 1-45364
- Margulis, W., Sibbett, W., Taylor, J.R. Active mode-locking of lasers using GaAs and GaP picosecond switches 1-15199
- Margvelashvili, I.G., Saralidze, Z.K. Electric charge on the free surfaces of ionic crystals 1-20848
- Marhefka, R.J. see Pathak, P.H. 1-1446
- Mari, C.M. see Fiori, G. 1-43676
- Maria, G. De see De Maria, G.
- Mariaggi, N. see Bonicci, A. 1-4335
- Marian, F.G. see Egan, P.O. 1-51324
- Mariani, D.R. see Koch, P.M. 1-19053
- Marians, M. see Uscinski, B.J. 1-36501
- Maric, Z., Popovic-Bozic, M. Coefficients of fractional parentage for the states of an arbitrary number of $1/2$ bosons 1-5222
- Maric, Z. see Cufaro Petroni, N. 1-33138
- Maric, Z. see Petroni, N.C. 1-33152
- Marichev, V.A., Rosenfeld, I.L., Lunin, V.V. Investigation of the kinetics and mechanism of subcritical crack growth by delayed failure of titanium alloys in and out of corrosive environments 1-16958
- Marichev, V.A. see Lunin, V.V. 1-53388
- Mariczen, J. see De Pauw, E. 1-31291
- Marinof, I.B. see Vasil'ev, V.A. 1-18203
- Maribali, B.N., Jyoti, B.G. Motional impedance of a rigid, conducting, diamagnetic prolate plasma spheroid 1-34098
- Marilli, R. see Cerruti-Sola, M. 1-9575
- Marin, A.V. see Bitner, L.R. 1-29418
- Marin, G., Menezes, E., Raju, V.R., Graessley, W.W. Linear viscoelastic properties of solutions of polybutadiene in the semi-dilute and concentrated regimes 1-51729
- Marinelli, F. see Arrighini, G.P. 1-15021
- Marinelli, F. see Guidotti, C. 1-1066
- Marinelli, M., Mompuro, G. Comment on a paper by Buckingham and Herring on the magneto-electric force in quark search experiments 1-41023
- Marinello, G., Barret, C., Le Bourgeois, J.P. Lithium borate discs for skin dose measurements: application to total body superficial electron beam therapy 1-9033
- Marinero, E.E., Jasny, J. An interferometrically tuned and actively mode-locked CW dye laser 1-41729
- Marinero, E.E., Schafer, F.P. A novel picosecond-pulse dye laser system 1-1577
- Marinez, G. see Hennen, A.M. 1-47547
- Marini, A., Ronga, F. UVT-PMMA Cherenkov counter performance tests 1-10591
- Marini, A. see Esposito, B. 1-36868
- Marinin, A.V. see Ostrovskii, L.S. 1-17003
- Marinin, G.V., Shimanovich, M.A. Influence of machine set-up parameters on the accuracy of a ground spherical surface 1-1740
- Marinkovic, M. see Hadziselimovic, E.A. 1-52492
- Marinkovic, Z., Simic, V. Room temperature interactions in Au/metal and Al/metal thin film couples 1-35236
- Marino, A. see Dattoli, G. 1-29245
- Marino, G. see Braccini, C. 1-53836
- Marinov, I.V. see Zelev, Z.T. 1-23855
- Marinov, M.S. Invariant volumes of compact groups 1-5534
- Marinov, S. Newtonian time synchronization with the help of light signals 1-32839
- Marinova, A. see Bishewa, L. 1-39380
- Marinyuk, V.V., Lazorenko-Manevich, R.M. Mechanism of anomalously intense Raman scattering during adsorption on electrodes 1-39100
- Marion, C., Hanss, M. Nonlinear electric properties of DNA solutions 1-53747
- Marion, G. X-ray study of the incommensurate phase in $(\text{N}(\text{CH}_3)_2)_2\text{MCl}_4$, M=Co and Zn 1-52278
- Marion, G.E., Long, L.T. Microearthquake spectra in the southeastern United States 1-32352
- Marion, R.H. The use of thin glass reflectors for solar concentrators 1-13093
- Mariotto, G., Fontana, A., Cazzanelli, E., Fontana, M.P. Temperature dependence of Raman scattering and partial disorder in AgI crystals 1-8069
- Marique, C., Bonnarens, H., Richelmi, J., Bragard, A. Caractérisation de la morphologie de surface des toiles laminées a froid [Characterisation of the surface morphology of cold rolled sheets] 1-21477
- Marique, C., D'Haeyer, R., Mignon, J., Gouzou, J., Bragard, A. Predictions of drawability limits including the proneness to wrinkling. Actual experience of a mathematical model for deep-drawing 1-8335
- Maris, H.J. see Cline, R.W. 1-15977, 1-16126
- Maris, H.J. (editor) Phonon Scattering in Condensed Matter. Proceedings of the Third International Conference 1-13928
- Mariscotti, M.A.J. see Davidson, M. 1-41027
- Mariscotti, M.A.J. see Kreiner, A.J. 1-45407
- Mariska, J.T., Doschek, G.A., Feldman, U. The detection of a companion star to the Cepheid variable T Monocerotis 1-49719

- Mariska, J.T., Feldman, U., Doschek, G.A. Physical conditions in the solar atmosphere above an active region 1-9450
- Mariska, J.T. *see* Feldman, U. 1-49588
- Maritan, A. Recursion equations in a new approximation in the Migdal-Kadanoff approach 1-190
- Maritan, A. *see* Livi, R. 1-50308
- Mariwalla, K.H. Uniqueness of classical and relativistic systems 1-64
- Mariwalla, K.H. A complete set of integrals in non-relativistic mechanics 1-5140
- Mariwalla, K.H. Much ado in mechanics 1-40648
- Marjoribanks, R.S., Burgess, M.D.J., Enright, G.D., Richardson, M.C. Propagation of the superthermal corona from CO₂-laser-irradiated microtargets 1-25012
- Mark, E. *see* Hatakeyama, R. 1-2185
- Mark, F., Rosicky, F. Analytical relativistic Hartree-Fock equations within scalar basis sets 1-6121
- Mark, F.F. *see* Friedman, M.H. 1-22107
- Mark, H. *see* Mau Hsiung Chen 1-17945
- Mark, J.W.-K. *see* Blitz, L. 1-49819
- Mark, J.W.-K. *see* Lake, G. 1-9671
- Mark, P. *see* Duke, C.B. 1-20521
- Mark, P. *see* Meyer, R.J. 1-11962, 1-34557
- Mark, R.G. *see* Moody, G.B. 1-17514
- Mark, R.G. *see* Schluter, P.S. 1-17516
- Mark, T. *see* Flamme, J.P. 1-10790
- Mark, T.D., Castleman, A.W., Jr. Comments and correspondence 1-372
- Mark, T.D., Vartanian, R., Putscher, F., Pahl, M. Fission track annealing and application to the dating of Austrian sphenes 1-44307
- Mark, T.D. *see* Bloemen, E.W.P. 1-46070
- Mark, T.D. *see* Gressi, M. 1-53410
- Mark, T.D. *see* Hustis, D.L. 1-41458
- Mark, T.D. *see* Stephan, K. 1-10844
- Mark, Th.W. *van der* *see* van der Mark, Th.W.
- Markano, A.O., Platonenko, V.T. Coherent interaction between a short optical pulse and a molecular amplifying medium allowing for magnetic number degeneracy 1-1543
- Markaryan, B.E., Lipovetskii, V.A., Stepanyan, A. Galaxies with ultraviolet continuum. XIV 1-22695
- Markaryan, B.E., Lipovetskii, V.A., Stepanyan, Dzh. A. Spectra of galaxies with ultraviolet continuum. I 1-36393
- Markaryan, B.E., Lipovetskii, V.A., Stepanyan, J.A. Galaxies with ultraviolet continuum. XIII 1-9659
- Markaryan, B.E. *see* Afanas'ev, V.L. 1-49804
- Markaryan, K.Zh. *see* Asatbayan, R.A. 1-51040
- Markatos, N.C.G. Turbulent air flow over water waves 1-24829
- Markeev, A.K. *see* Bakunin, L.M. 1-9467
- Markeev, A.P. On steady rotations of a rigid body in a periodic orbit near the collinear libration point 1-23002
- Markel, J.D., Gray, A.H., Jr. Implementation and comparison of two transformed reflection coefficient scalar quantization methods [for speech processing] 1-6723
- Markell, K.A. *see* Bowen, R.W. 1-43874
- Markelova, L.P., Nemchinov, I.V., Novikova, V.V., Khazins, V.M., Shuvalov, V.V. Transition from luminous combustion from luminous detonation 1-11563
- Markert, T.H. *see* Lamb, R.C. 1-9721
- Markert, T.H. *see* Schattenburg, M.L. 1-40547
- Markes, M. *see* Martin, J.J. 1-16098
- Markovich, I.V. *see* Korsunskaya, N.E. 1-34748
- Markewitz, G. *see* Baumgart, H. 1-29972
- Markfeld, A., Rosen, A. The effect of reverted austenite on the plastic deformation of maraging steel 1-26558
- Markgraf, A.J. *see* Briody, R.J. 1-18330
- Markhachov, L.M. The evolution of regular precession of a solid body approximating to a Lagrange gyroscope 1-14001
- Markham, B.L., Greenwell, D.W., Rosenberger, F. Numerical modeling of diffusive-convective physical vapor transport in cylindrical vertical ampoules [crystal growth] 1-53065
- Markham, B.L. *see* Greenwell, D.W. 1-53064
- Markham, J. *see* Kumar, B. 1-43986
- Markham, J. *see* Mullani, N.A. 1-43955
- Markham, R. *see* Huffman, R. 1-5795
- Markianov, S.S. *see* Aleinikov, A.F. 1-34905
- Markie, W. *see* Staes, K. 1-51684
- Markiewicz, A. *see* Kwiek, P. 1-19522, 1-37406
- Markiewicz, R.S., Hart, H.R., Jr., Interrante, L.V., Kasper, J.S. Magneto-oscillations in AsF₅-intercalated graphite 1-38763
- Markiewicz, R.S., Kasper, J.S., Interrante, L.V. Single crystal structure studies of C₆AsF₅ 1-42364
- Markiewicz, T.W. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Markiewicz, W. *see* Freedhoff, H.S. 1-12073
- Markin, A.P. *see* Belogolovtsev, G.I. 1-2217
- Markin, A.S. *see* Bakhorin, V.A. 1-37519
- Markin, J.T., Baker, A.L., Shipley, J.P. Implementing advanced data analysis techniques in near-real-time materials accounting 1-14607
- Markina, M.A. *see* Starizyni, E.S. 1-23926
- Markiv, V.Ya. *see* Grin', Yu.N. 1-20117
- Markivee, C.R., Edwards, F.M., Leonard, P. Microcomputer controlled diagnostic X-ray exposure factors. A pilot study 1-22140
- Markizov, V.N. *see* Berezin, V.M. 1-37057
- Markley, R.A. *see* Bishop, A.A. 1-24883
- Markley, R.A. *see* Coffield, R.D. 1-23729
- Markley, R.A. *see* Coffield, R.D., Jr. 1-50888
- Markley, R.A. *see* Engel, F.C. 1-23736, 1-50745
- Markley, R.A. *see* Roidt, R.M. 1-23735
- Marklund, G., Block, L., Lindqvist, P.-A. Rocket measurements of electric fields, electron density and temperature during different phases of auroral substorms 1-54319
- Marklund, S. *see* Jones, R. 1-11747
- Markman, M.A., Simanovskii, L.M., Zakharova, O.P. Calculation of angular error of cylindrical solar concentrator using sheet material 1-13081
- Marko, H. The z-model—a proposal for spatial and temporal modeling of visual threshold perception 1-48999
- Marko, H., Hauske, G., Lupp, U. The eye as receiver of information 1-35783
- Marko, M.A., Kuz'ma, Yu.B. Phase equilibria in the system Ce-Ge-B 1-31421
- Marko, V.A. *see* Blinov, N.N. 1-39982
- Markochev, A.S. *see* Rogovoi, I.D. 1-36723
- Markochev, V.M. Stress analysis with small cracks 1-29627
- Markochev, V.M., Bobinskii, A.P., Kiiko, V.M. New method for measuring the crack length in conducting specimens 1-17001
- Markochev, V.M., Zhitenev, V.V., Vorob'ev, A.M. Theoretical-experimental determination of the stress-strain diagram in impact tests 1-17005
- Markolenko, Yu.K. *see* Bazhenov, V.K. 1-2867
- Markov, A.V. *see* Markov, N.G. 1-8372
- Markov, I., Ilieva, M. Electrodeposition of CdTe in fused salt solutions 1-31372
- Markov, K.A. *see* Korotaev, A.D. 1-11905
- Markov, M.S., Pushekarovskiy, Yu.M., Tilmann, S.M. Active continental margins of the Northwest Pacific 1-40114
- Markov, N.G., Vlasov, S.V., Sagalae, G.V., Kuleznev, V.N., Markov, A.V., Mezunov, V.A. The deformation of films of polymer-filled systems 1-8372
- Markov, P. *see* Abdrhamanov, E.O. 1-722
- Markov, V.K., Ryabinin, Yu.N., Nasedkin, V.V. Some directions in high pressure experimental investigations and their relation to geophysics 1-13452
- Markov, V.K. *see* Nikol'skii, V.A. 1-23766
- Markov, V.N. *see* Burenin, A.V. 1-28842
- Markov, V.P. Contribution to the theory of non-linear polyatomic molecules 1-14796
- Markov, Yu.F. *see* Kaplyanskiy, A.A. 1-7318
- Markov, Yu.F. *see* Zadokhin, B.S. 1-25464
- Markov, Yu.G. On the problem of rotational motion of axisymmetric satellite in a resonance case 1-13675
- Markov, Yu.G. Application of Poincaré periodic solutions to the study of the Moon's rotational motion 1-13709
- Markova, I.A. *see* Andreeff, A. 1-20684
- Markova, M.L. *see* Aksel'rod, E.I. 1-11927
- Markovitch, T., Krhatic, D. Individual contributions of overpotentials at iron mixed electrodes 1-17060
- Markovich, I.E., Petrukhin, A.I., Pleshanov, Yu.E., Rybakov, V.A. Experimental investigations of the origin and propagation of a 'luminous combustion' wave and its transition to a luminous detonation wave 1-11562
- Markovich, V.L. *see* Olekhovich, N.M. 1-15750
- Markovskii, P. *see* Todorov, T. 1-51409
- Markovskii, V.S., Sukhach, N.S. The nature of conjugate magnetic anomalies of one of western Karelian regions and their relation to sulphide ore show 1-22208
- Markovskiy, V.S. *see* Zavoyskiy, V.N. 1-27062
- Markowicz, T. *see* Cygler, M. 1-14889
- Markowski, J. *see* Antoszkiewicz, K. 1-28020
- Mark, G.A. *see* Farber, J. 1-26894
- Marks, J., Wenckebach, W.Th., Pouls, N.J. Properties of electron-irradiation-produced O₂ in Ca(OH)₂ 1-11789
- Marks, J. *see* Goltowacz, H. 1-13063
- Marks, R. *see* Stetner, R. 1-34139
- Marks, R.J. Sampling theory for linear integral transforms [optical implementation] 1-41614
- Marks, R.J. *see* Hagler, M.O. 1-37415
- Marks, R.J., II, Smith, D.K. Iterative coherent processor for bandlimited signal extrapolation 1-51388
- Marks, S. An investigation of the thermal energy storage capacity of Glauber's salt with respect to thermal cycling 1-8766
- Marks, S., Cornelius, P.A., Harris, C.B. A critical test of vibrational dephasing theories in solids using spontaneous Raman scattering in isotopically mixed crystals 1-8056
- Marks, S.B. Thermal energy storage using Glauber's salt: improved storage capacity with thermal cycling 1-48914
- Marks, T. *see* Marzucato, E. 1-14556
- Marks, T. *see* Freedman, B.M. 1-45540
- Marks, T.J. *see* Schramm, C.J. 1-47621
- Marksberry, C.L. *see* Saari, D.P. 1-53629
- Markson, R., Muir, M. Solar wind control of the Earth's electric field 1-4600
- Markus, A.I. *see* Kravchenko, V.V. 1-20894
- Markus, F.A. *see* Zverev, V.A. 1-37392
- Markushin, V.E. Light μ^- -atoms in liquid and gaseous hydrogen and deuterium 1-41524
- Markvart, T. Theory of recombination-enhanced processes in solar cells 1-13140
- Markyavichyus, A.A. *see* Katinas, V.I. 1-19728
- Markytan, M. *see* Denegri, D. 1-28356
- Markytan, M. *see* Gottgens, R. 1-50472
- Marland, L.G. *see* Oitmaa, J. 1-3128
- Marlborough, J.M. *see* Clayton, G.C. 1-49641
- Marleau, L. *see* Contogouris, A.P. 1-513, 1-514, 1-10154
- Marlet, S.E. *see* Sesonske, A. 1-45599
- Marlin, R.T., Cosandey, F., Tien, J.K. The effect of predeformation on the creep and stress rupture of an oxide dispersion strengthened mechanical alloy 1-26559
- Marlow, A.R. Empirical topology: Topologies from partially ordered sets 1-9909
- Marlow, W.C. Comment on 'Ballistics of the modern-working recurve bow and arrow' 1-22979
- Marlow, W.H. Derivation of aerosol collision rates for singular attractive contact potentials 1-35578
- Marlow, W.H. Lifshitz-van der Waals forces in aerosol particle collisions. I. Introduction: water droplets 1-39692
- Marmar, E.S., Rice, J.E., Allen, S.L. Confinement of injected silicone in the Alcatraz Tokamak 1-29901
- Marmar, E.S. *see* Finkenthal, M. 1-51987
- Marmaggi, J.C., Delapalme, A. Neutron Laue photographs of crystallographic satellite reflections in α -U at low temperatures 1-47041
- Marmar, E.N. Sintering in vacuum 1-53128
- Marmol, P. *del* *see* del Marmol, P.
- Marmor, J. *see* Hahn, G. 1-53820
- Marmur, A., Lelah, M.D. The dependence of drop spreading on the size of the solid surface 1-25532
- Marmur, I.Ya., Oksman, Ya.A. Response of fused metal-semiconductor ohmic contacts to 10.6- μ m radiation 1-30824
- Marnelius, R. A simple relation between covariant and noncovariant quantization of gauge theories 1-50323
- Marnell, P., White, R.K. Quantitative analysis of joint lubrication 1-13277
- Marode, E. *see* Boeuf, J.P. 1-15719
- Marode, E. *see* Davies, A.J. 1-15718
- Marode, E. *see* Doussot, C. 1-15580, 1-41498
- Marode, E. *see* Segur, P. 1-15163
- Marohnic, Z. *see* Babic, E. 1-30697
- Marohnic, Z. *see* Hamzic, A. 1-25705
- Maroie, S., Caudano, R., Verbist, J. The oxidation of the α and β phases of brass studied by XPS and nuclear reaction spectroscopy 1-16976
- Marokov, M.I. On inversion of the relationships between the stresses and strains for the plane stress state 1-24705
- Marokov, M.I. *see* Kataev, Yu.P. 1-15407
- Maroli, C. *see* Bornatici, M. 1-46882
- Marom, G., Cohn, D. Deformations of polymers and composite under swelling conditions 1-48440
- Marom, G. *see* Brokman, A. 1-25733
- Marom, G. *see* Harel, H. 1-3824
- Maron, M.B., Dawson, C.A. Pulmonary venoconstriction caused by elevated cerebrospinal fluid pressure in the dog 1-17420
- Maron, R.S. *see* Belonogov, A.M. 1-18265
- Maron, Y. Angular distribution of electrons in the pinch region of relativistic-electron-beam diodes 1-19960
- Maronchuk, I.E. *see* Dyachenko, A.M. 1-52213
- Maronchuk, I.E. *see* Gud, E.S. 1-43274
- Maronchuk, I.E. *see* Litvin, A.A. 1-43280
- Maronchuk, I.E. *see* Lozokii, V.N. 1-30580
- Maronchuk, Yu.E. *see* Gud, E.S. 1-43274
- Maronchuk, Yu.E. *see* Litvin, A.A. 1-43280
- Maroni, V.A. *see* DeVan, J.H. 1-28694
- Maroni, V.A. *see* Van Denter, E.H. 1-2697
- Marotta, C.R. Neutron utilization parameter for complex coupled systems 1-41164
- Marotta, C.R. Recriticality potential of TMI-2 core 1-45666
- Marouille, J.Y.L., Bars, O., Grandjean, D. Study of chromates, molybdenates and tungstate hydrates. III. Structural study of zinc molybdenate dihydrate 1-15852
- Maroulis, G., Sana, M., Leroy, G. Molecular properties and basis set quality: an approach based on information theory 1-51091
- Maroulis, P.J., Bandy, A.R. Measurements of atmospheric concentrations of CS₂ in the eastern United States 1-17648
- Maroulis, P.J., Torres, A.L., Goldberg, A.B., Bandy, A.R. Atmospheric SO₂ measurements on Project Gametag 1-40167
- Maroulis, P.J. *see* Torres, A.L. 1-40169
- Marov, M.Y. *see* Kerzhanovich, V.V. 1-49553

- Marov, M.Ya., Byvshev, B.V., Baranov, Yu.P., Lebedev, V.N., Lystsev, V.E., Maksimov, A.V., Manuilov, K.K., Frolov, A.M. Aerosol component of Venus atmosphere from results of measurements on Venera 11 1-4802
- Marov, M.Ya. see Kerzhanovich, V.V. 1-9397
- Marowsky, G. see Haag, G. 1-46332
- Marowsky, G. see Tittel, F.K. 1-37462
- Marquardt, C.L. see Rosenstock, H.B. 1-35559
- Marquart, J.R., Belford, R.L., Fraenkel, H.A. Reliable piezoelectric measurement of shock-wave velocity for chemical kinetics 1-50110
- Marquart, P. Some statistical regularities of bay disturbances of the Earth's electromagnetic field 1-54325
- Marque, J. see Tsuda, M. 1-8863
- Marque, J. see Weissman, M.B. 1-10878
- Marques, F.D.S. Precipitation hardening of zirconium based martensites 1-21466
- Marques, F.D.S. Dispersion-strengthened zirconium based alloys 1-43357
- Marques, G.C. see Franca, H.M. 1-14383
- Marques, M.L., Martins, M.C., Ferreira, J.G. The L_1 subshell fluorescence yield of Ti 1-24076
- Marques, R. Ferreira see Ferreira Marques, R.
- Marques, S. De Almeida see De Almeida Marques, S.
- Marquestaut, E. see Dordor, P. 1-7647
- Marquestaut, E. see Doumerc, J.P. 1-12156
- Marquet-Ellis, H. see Folcher, G. 1-51229
- Marqusee, J.A., Deutch, J.M. Concentration dependence of the self-diffusion coefficient 1-38568
- Marr, J. see Dixon, S. 1-31443
- Marra, W.C. see Eisenberger, P. 1-16625
- Marraco, H.G., Muzzio, J.C. An improved method to derive periods of cyclic phenomena 1-27396
- Marraco, H.G., Rydgren, A.E. On the distance and membership of the R CrA T association 1-40536
- Marraffino, J. see Bergier, A. 1-10275
- Marraffino, J. see Manz, A. 1-14394
- Marrakchi, A., Huignard, J.P., Gunter, P. Diffraction efficiency and energy transfer in two-wave mixing experiments with Bi_2SiO_5 crystals 1-46423
- Marrakchi, A. see Charles, J.P. 1-43770
- Marrakchi, A. see Huignard, J.P. 1-6614
- Marraud, A., Bonnet, M., Rambourg, A. Lenticular sheet 3-D pictures and 3-D projections 1-14201
- Marraud, A. see Valle, R. 1-392
- Marrello, V., Onton, A. The dependence of the memory effect in ZnS:Mn-A-C thin film electroluminescence on Mn distribution 1-21276
- Marrian, C. see Lecoq, P. 1-41274
- Marriner, J.P. see Berge, J.P. 1-540
- Marrriott, K. Noise legislation: its significance for the engineer 1-24590
- Marro, G. see de Boer, F.W.N. 1-14446
- Marro, J. On the one dimensional kinetic theory of hard rods 1-9917
- Marrocchesi, P.S. see Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Marrucci, G. see Mashelkar, R.A. 1-51829
- Marrus, R. see Breinig, M. 1-29113
- Marrus, R. see Vane, C.R. 1-33555
- Mars, D.E. see Wagner, E.E. 1-302, 1-30761
- Marsagishvili, T.A. see Dogonadze, R.R. 1-35549
- Marsault, J.P. see Levi, G. 1-176
- Marsault, J.P. see Robert, D. 1-1240
- Marsault-Herail, F. see Levi, G. 1-176
- Marsault-Herail, F. see Robert, D. 1-1240
- Marschal, R. Assurance of unity in chemical analyses and approval of analytical laboratories 1-26801
- Marschalko, R., Pagac, P. Preliminary results of the palaeomagnetic study of varied Upper Cretaceous sediments of the Pienin, Manin and Central blocks of the West Carpathians (north-west Slovakia) 1-4414
- Marscher, A.P., Vestrand, W.T., Scott, J.S. Neutrino, gamma-ray, electron, and positron production in an ultrarelativistic plasma 1-49488
- Marscher, A.P. see Rothschild, R.E. 1-49811
- Marsden, B. see Blakemore, R.H. 1-26705
- Marsden, B.G. Observations of comets 1-9429
- Marsden, B.G. Comet Meier (1980u) 1-13733
- Marsden, B.G. Comet Lovas (1980s) 1-27428
- Marsden, B.G. 1980 WF 1-40374
- Marsden, B.G. Saturn's satellite situation 1-40413
- Marsden, B.G. Comet Panther (1980u) 1-44502
- Marsden, B.G., Bortle, J., Spratt, C.E. Comet Panther (1980u) 1-36220
- Marsden, B.G. see Bowell, E. 1-32664, 1-54409
- Marsden, B.G. see Bus, S.J. 1-27429, 1-32642
- Marsden, B.G. see Furuta, T. 1-13735
- Marsden, B.G. see Gibson, J. 1-40423
- Marsden, B.G. see Herald, D. 1-27426
- Marsden, B.G. see Kowal, C.T. 1-4810, 1-44470
- Marsden, B.G. see Mackinnon, P. 1-9432
- Marsden, B.G. see Manning, B. 1-27427
- Marsden, B.G. see Russell, K.S. 1-4826, 1-4827, 1-4828
- Marsden, B.G. see Shao, C.-Y. 1-49576
- Marsden, B.G. see Thomas, N.G. 1-44464
- Marsden, J.E., Tipler, F.J. Maximal hypersurfaces and foliations of constant mean curvature in general relativity 1-23072
- Marsden, J.E. see Arms, J.M. 1-40921
- Marsden, J.E. see Fischer, A.E. 1-18106
- Marsden, J.E. see Kaiser, G. (editor) 1-22951
- Marseglia, E.A. Kinetic theory of crystallization of amorphous materials 1-16025
- Marseglia, E.A. see Fazekas, P. 1-12048
- Marseglia, E.A. see Robbins, M.O. 1-20104
- Marseguerra, M. see Cecchi, R. 1-32506
- Marsh, B.B. see Cue, N. 1-25339
- Marsh, D.P. Applications of microcomputers in the teaching of physics-6502 software 1-22969
- Marsh, F.J. see Klinman, R. 1-43625
- Marsh, G.E. see Page, R.J. 1-14657
- Marsh, J.E., Eastep, F.E. Analysis of a symmetric transonic aerofoil with the finite element method: a new upwinding technique 1-11422
- Marsh, K.A., Hurford, G.J., Zirin, H. The spatial structure of solar microwave bursts 1-4876
- Marsh, K.A., Hurford, G.J., Zirin, H. High resolution interferometric observations of the solar limb at 4.9 and 10.7 GHz during the solar eclipse of October, 1977 1-49591
- Marsh, K.A., Hurford, G.J., Zirin, H., Hjellming, R.M. VLA observations of impulsive solar flares at 4.9 GHz 1-44518
- Marsh, K.A. see Hurford, G.J. 1-4863
- Marsh, P., Williams, D.E. The structure of 1,2,3,5-tetrachlorobenzene 1-30211
- Marsh, R.E. see Schaefer, W.P. 1-34298
- Marsh, R.O. see Sutton, P.D. 1-21886
- Marsh, S.E., Switzer, P., Kowalik, W.S., Lyon, R.J.P. Resolving the percentage of component terrains within single resolution elements 1-32550
- Marsh, S.F., Abernathy, R.M., Beckman, R.J., Rein, J.E. Plutonium-241 half-life determined by mass-spectrometric measurements of decreasing $^{241}\text{Pu}/^{242}\text{Pu}$ ratios 1-18600
- Marsh, W. see Barish, B. 1-10192
- Marshak, A.H., Shibib, M.A., Fossum, J.G., Lindholm, F.A. Rigid band analysis of heavily doped semiconductor devices 1-52555
- Marshak, A.H., Van Vliet, K.M. On the separation of quasi-Fermi levels and the boundary conditions for junction devices 1-12185
- Marshak, A.H. see Van Vliet, K.M. 1-12009
- Marshak, H., Turrell, B.G. γ -ray emission from oriented nuclei in a multiaxis nuclear spin system: $^{166}\text{Ho}/^{165}\text{Ho}$ 1-26102
- Marshak, H. see Soulen, R.J., Jr. 1-18222
- Marshak, M. see Berg, D. 1-28320
- Marshak, M. see Collick, B. 1-45290
- Marshak, M. see Jonckheere, A. 1-51013
- Marshak, M.L. see Makdisi, Y. 1-14411
- Marshak, R.E., Mohapatra, R.N. Selection rules for baryon number nonconservation in gauge models 1-45196
- Marshalek, E.R. How microscopic boson models work 1-648
- Marshalek, E.R. Chimerical boson expansions 1-5699
- Marshall, A.G., Bruce, R.E. Dispersion versus absorption (DISPA) lineshape analysis. Effects of saturation, adjacent peaks, and simultaneous distribution in peak width and position 1-1173
- Marshall, A.J. see Gillissen, K. 1-21337
- Marshall, A.T. Recording transmitted beam current for X-ray microanalysis in a scanning transmission electron microscope 1-28133
- Marshall, D.B. An improved biaxial flexure test for ceramics 1-31771
- Marshall, D.B., Lawn, B.R. Flow characteristics in dynamic fatigue: the influence of residual contact stresses 1-26600
- Marshall, D.B. see Lawn, B.R. 1-26601, 1-43624
- Marshall, D.E., Jr. Focal plane array design for optimum system performance 1-24517
- Marshall, E. Low energy strategies for the UK—an economic perspective 1-53568
- Marshall, F.E. see McKee, J.D. 1-49827
- Marshall, F.J. see Basinski, E.M. 1-22926
- Marshall, G., Mendez, R. Computational aspects of the random choice method for shallow water equations 1-51787
- Marshall, G.M. see Kieff, R.F. 1-37369
- Marshall, G.M. see Oram, C.J. 1-37041
- Marshall, H.L. see Grindlay, J.E. 1-22848
- Marshall, I. see Sharp, P. 1-43965
- Marshall, J. see Jarboe, T.R. 1-6997
- Marshall, J. see Sherwood, A.R. 1-34112
- Marshall, J.F. see Tricker, M.J. 1-52873
- Marshall, L.G. see Klepper, D.L. 1-37704
- Marshall, M., Stevens, D.C. The purposes, methods and accuracy of sampling for airborne particulate radioactive materials 1-6108
- Marshall, M. see Douglas, J.A. 1-951
- Marshall, M. see Strykowski, R. 1-18522
- Marshall, M.D., Muentner, J.S. The electric dipole moment of methyl fluoride 1-24119
- Marshall, N., Ricketts, M.J. Determination of a binary period for the variable X-ray source A1907+09 1-5000
- Marshall, P. see Bolton, C.J. 1-35394
- Marshall, P.D. see Chow, R.A.C. 1-27082
- Marshall, P.D. see Douglas, A. 1-32373
- Marshall, R. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Marshall, R. see Bartel, W. 1-18500, 1-45253, 1-45254
- Marshall, R. see O'Neill, L.H., Jr. 1-50443
- Marshall, R.A., Weldon, W.F. Analysis of performance of railgun accelerators powered by distributed energy stores 1-28755
- Marshall, R.L. see Nayfeh, A.H. 1-1748
- Marshall, R.S., Canada, T.R. An NDA technique for the assay of wet plutonium oxalate 1-14599
- Marshall, R.S. see Erkkila, B.H. 1-1045
- Marshall, R.S. see Heinrich, J.C. 1-19693, 1-19805
- Marshall, T.C. see Birkett, D.S. 1-37551
- Marshall, T.C. see Georgiou, G.E. 1-15626
- Marshall, T.C. see McDermott, D.B. 1-15139
- Marshall, T.O., Pattison, R.J., Twyman, A., Preston, H.E., Stewart, J.C. The performance of the NRPB thermoluminescent dosimeter 1-6051
- Marshall, T.W. A naive remark concerning the Bohm-Aharonov experiment 1-103
- Marshall, T.W. Brownian motion and quasi-Markov processes 1-5233
- Marshall, T.W., Claverie, P. Brownian motion and quasi-Markov processes. II 1-23112
- Marshall, W., Clemson, P.D., Walker, G. Criticality safety criteria 1-45669
- Marsily, G. de see Marsily, G.
- Marslogu, A. UVB photometry of an anticerter field near M35 and comparison with the RGU photometry of the same field 1-13818
- Marslogu, A. The sunspot observations made in 1969 1-32688
- Marsola, R.M. see Hardy, W.N. 1-1151
- Marson, P.L., Kingsbury, D.L. Scattering by a bubble in water near the critical angle. Interference effects 1-51363
- Marsers, G.F., Fotheringham, J. The influence of aspect ratio on incompressible, turbulent flows from rectangular slots 1-51835
- Marston, P.G., Dawson, A.M., Montgomery, D.B., Williams, J.E.C. Superconducting MHD magnet engineering program 1-48879
- Marston, P.G., Thome, R.J., Dawson, A.M., Bobrov, E.S., Hatch, A.M. ETF magnet design alternatives for the national MHD program 1-48873
- Marston, T.U. see Jones, R.L. 1-45623
- Martazova, I.Yu. see Kraevskii, S.L. 1-16550
- Marteanu, P., Fondere, F., Obriot, J. Far infrared spectroscopy of molecular interactions under pressure 1-39105
- Marteanu, P. see Vodar, B. (editor) 1-27672
- Marteanu, Ph. see Kobashi, K. 1-39106
- Martel, L. see Suteau, A. 1-22230
- Martel, P., Kim, S.M., Powell, B.M. Physical characteristics of human transferrin from small angle neutron scattering 1-8817
- Martellini, M., Sodano, P. Free quantum gravity in Carmeli's theory 1-5215
- Martellucci, S. see Bruzzese, R. 1-33653, 1-46288
- Martellucci, S. see Mastrocinque, G. 1-1544
- Martemyanov, A.N. see Burgov, N.A. 1-598
- Martemyanov, B.V., Khlopov, M.Yu., Shchepkin, M.G. Neutrino oscillations in νe^- scattering 1-18468
- Martemyanov, B.V. see Kobzarev, I.Yu. 1-36838
- Martemyanov, S.A., Vorotyntsev, M.A., Grafov, B.M. Spread of the diffusion-boundary layer along the electrode under turbulent flow conditions 1-51763
- Martemyanov, S.A. see Vorotyntsev, M.A. 1-29695
- Martemyanov, V.P. see Bugorski, A.P. 1-18653
- Martens, G., Rabe, P. The anomalous dispersion of the refractive index and the extended X-ray absorption fine structure at the K edge of Cu 1-16543
- Martens, M., van Audekercke, R., de Meester, P., Mulier, J.C. The mechanical characteristics of the long bones of the lower extremity in torsional loading 1-17426
- Martens, M.J.M., Michelsen, A. Absorption of acoustic energy by plant leaves 1-37738
- Martens, R. see Freund, F. 1-47288
- Martens, R. see Wengeler, H. 1-24128
- Martens, V.Y. see Grudzev, V.A. 1-31318
- Martens, W. see Kuus, G. 1-7024, 1-21768
- Martenson, M. see Alestig, G. 1-2990
- Martenson, N., Johansson, B. Analysis of the atomic photoabsorption spectra of Rb and Sr based on the Z+1 approximation 1-41334
- Martenson, N. see Fuggle, J.C. 1-30130
- Martenson, N. see Johansson, B. 1-47529
- Martenson, N. see Ley, L. 1-8188
- Martenson, N. see Nyholm, R. 1-33557
- Martenson, N. see Steiner, P. 1-43249
- Martev, I.N. see Grigorov, G.I. 1-47388
- Marth, W. The status of breeder-reactor development 1-23712

- Martínez, O. see Maier, J.P. 1-19134
 Martinussen, T. Three-dimensional ice waves 1-22463
 Marti, C. see Coulomb, J.P. 1-11974
 Marti, J. see Hopkirk, R.J. 1-53
 Marti, K. see Nishizumi, K. 1-13653
 Marti, S. see Riess, G. 1-34249
 Marti-Masso, J.F. see Obeso, J.A. 1-4299
 Martignoni, K.D., Haselbacher, I. W-reactivation of phage lambda in X-irradiated mutants of *Escherichia coli* K-12 1-8926
 Martin, A. New particles or 'why I believe in quarks' 1-28290
 Martin, A. see Caumette, P. 1-18783
 Martin, A. see Cleland, W.E. 1-23522
 Martin, A. see Shapiro, S.W. 1-6023
 Martin, A.D. The zero-energy Kp scattering amplitude and the evaluation of the kaon-nucleon sigma-terms 1-36878
 Martin, A.D. Kaon-nucleon parameters 1-50464
 Martin, A.D. see Cleland, W.E. 1-45360
 Martin, A.G. see Dandekar, D.P. 1-7258, 1-35340
 Martin, A.H.M. see Bigging, J. 1-9633
 Martin, A. see San Martin, A.
 Martin, B.D., Moakler, E.J., Nagy, M.F., Schiller, J.M., Zalar, S.M. Chip protective coating 1-26640
 Martin, B.R., Morgan, D. Structures in $\beta\text{-}\pi\pi$ 1-36874
 Martin, B.W. A microprobe based on particle-induced X-ray emission (PIXE)—a powerful tool for microanalysis in minerals and cells 1-21826
 Martin, C. see Elchinger, M.F. 1-2719
 Martin, D. see MacInnes, D.A. 1-34613
 Martin, D.G.E. see Cartwright, C.M. 1-23586
 Martin, D.H. see Kirkman, D.H. 1-23291
 Martin, D.J. The influence of correlated atomic vibrations on low energy ion scattering. I. Quasi-triple scattering from a (100) row of copper atoms 1-8180
 Martin, D.U., Yuen, H.C., Saffman, P.G. Stability of plane wave solutions of the two-space-dimensional nonlinear Schrödinger equation 1-27794
 Martin, D.W., Fraser, P.A. The van der Waals force between positronium and light atoms 1-1414
 Martin, D.W. see Ferriss, D.H. 1-15500
 Martin, D.W. see Norton, C.C. 1-22490
 Martin, E.R., Jarvis, G.A., Malenfant, R.E., Plassmann, E.A. The Sham Ram-Scream: a positive reactivity change on disassembly 1-10461
 Martin, E.R. see Barton, D.M. 1-23769
 Martin, F. Folded-wave interferometer for laser-matter interaction studies 1-33041
 Martin, F., Gref, B., Pepin, H. Synchronized actively mode-locked short pulse ruby laser 1-41739
 Martin, F. see De Rujula, A. 1-10159
 Martin, F. see Perdigon, P. 1-14882
 Martin, F.W. see Evans, D.L. 1-38562
 Martin, G. see Barbu, A. 1-43339
 Martin, G. see Chopra, D. 1-26313
 Martin, G., Jr. see Bhatia, R. 1-10466
 Martin, G., Jr. see Leitzia, A.P. 1-867
 Martin, G.A. see Miller, B.J. 1-13945
 Martin, G.J. see Gouesnard, J.-P. 1-10752
 Martin, G.M., Jacob, G., Poiblaud, G. GaAs semi-insulating materials: key parameters and characterization 1-38742
 Martin, G.M. see Makram-Ebeid, S. 1-47548
 Martin, G.M. see Miroca-Roussel, A. 1-12580
 Martin, H. see Bromberg, C. 1-10266, 1-45364
 Martin, H. see Hubbard, J.R. 1-14755
 Martin, H.D. Training methods, tools and aids [nuclear power plant staff] 1-5045
 Martin, H.J. see Curry, W.J. 1-8225, 1-8450, 1-12670
 Martin, H.M., Partridge, R.B., Rood, R.T. Interferometric limits on very small-scale fluctuations in the cosmic microwave background 1-9740
 Martin, J. see Argan, P.E. 1-28331, 1-33190
 Martin, J. see Ushida, N. 1-546
 Martin, J.A., Jr. Perspectives on the role of radiological monitoring in an emergency 1-28717
 Martin, J.F., Downie, D.B. Low-temperature molar heat capacities and inter-relations of thermodynamic properties of (copper+aluminum) alloys 1-16055
 Martin, J.F., Muehlhauser, J.W., Strom, S.S. Description of the DOE MHD coal-fired flow facility (CFFF) 1-48878
 Martin, J.F. see Abrams, G.S. 1-10208, 1-10242, 1-50450
 Martin, J.F. see Dankowycz, J.A. 1-50460
 Martin, J.F. see Downie, D.B. 1-14117
 Martin, J.G., Bunnell, H.T. Perception of anticipatory coarticulation effects 1-46634
 Martin, J.H., Knauer, G.A. Manganese cycling in northeast Pacific waters 1-32467
 Martin, J.J., Doherty, S.P., Halliburton, L.E., Markes, M., Koumvakalia, N., Sibley, W.A., Brown, R.N., Armington, A. Radiation-induced mobility of interstitial ions in synthetic quartz 1-16098
 Martin, J.J., Wang, P.K., Pruppacher, H.R. A theoretical study of the effect of electric charges on the efficiency with which aerosol particles are collected by ice crystal plates 1-32499
 Martin, J.J., Wang, P.K., Pruppacher, H.R., Hamielec, A.E. On the efficiency with which aerosol particles of radius larger than 0.1 μm are collected by simple ice crystal plates 1-22452
 Martin, J.J. see Doherty, S.P. 1-2565
 Martin, J.K., O'Neal, D.L. An energy and cost analysis of residential heat pumps in northern climates 1-48901
 Martin, J.L., Antonetti, A., Astier, A., Etcheperre, J., Grillon, G., Migus, A. Subpicosecond spectroscopic techniques in biological materials 1-9067
 Martin, J.L., Astier, R., Migus, A., Antonetti, A. Subpicosecond photodissociation and time resolved spectroscopy of recombination processes in carbonmonoxymyoglobin 1-35753
 Martin, J.L., Kubin, L.P. Optimum conditions for straining experiments in the HVEM 1-391
 Martin, J.L. see Caillard, D. 1-30237
 Martin, J.L. see Clement, N. 1-30233
 Martin, J.L. see Kubin, L.P. 1-31579
 Martin, J.L. see Migus, A. 1-51478
 Martin, J.L. see Mysrowicz, A. 1-52966
 Martin, J.M. see Kapsa, P. 1-12888
 Martin, J.P. see Burq, J.P. 1-23912
 Martin, J.P. see Simkin, D.J. 1-48164
 Martin, J.-P. see Kamishima, Y. 1-12577
 Martin, J.W. Micromechanisms in particle-hardened alloys 1-5040
 Martin, J.W. see Crompton, J.S. 1-3846
 Martin, J.W. see Lloyd, G.J. 1-26553
 Martin, L.J. see De Roach, J. 1-36873
 Martin, L.V., Franz, J.A. Effect of organic ligands on the soil behavior of technetium-99 1-43833
 Martin, M. see Cleland, W.E. 1-23522, 1-45360
 Martin, M. see Donovan, R.J. 1-29068
 Martin, M. see Nembach, E. 1-35268
 Martin, O.E., Girsig, K., Niggli, A. Crystallographic studies of the systems RAlGa_{2-x} ($\text{R}=\text{Nd, Er}$; $0\leq x\leq 2$) 1-20128
 Martin, P. An excess voltage circuit for flood lights 1-36754
 Martin, P., Bontemps, A. Diffusion and lattice location of lithium in zinc telluride 1-20464
 Martin, P., Puerta, J. Generalized Lorentzian approximations for the Voigt line shape 1-37258
 Martin, P. see Galakhova, O.P. 1-36690
 Martin, P. see Gruber, C. 1-50031
 Martin, P. see Lebrun, D. 1-18620
 Martin, Ph. see Buencord, M. 1-28444
 Martin, P.A. see Aizenman, M. 1-23101
 Martin, P.F. see Evans, J. 1-30391
 Martin, P.G. see Murrin, P. 1-4922
 Martin, P.H., Unwin, D.M. A microwave doppler radar activity monitor 1-44054
 Martin, P.J. Gas effects on the interface state spectrum of MIS devices 1-38864
 Martin, P.J. see Aldag, J.E. 1-46103
 Martin, P.M., Hughes, D.W. Meteoritic chondrules and the Weibull function 1-4833
 Martin, P.M., Mills, A.A. Preferred chondrule orientations in meteorites 1-22737
 Martin, P.M. see Pawlewicz, W.T. 1-19395, 1-37572
 Martin, P.P., Mecklenburg, W. Constant Yang-Mills fields 1-23444
 Martin, R. see Amblard, M. 1-5869
 Martin, R.E. The use of thermocouples which transmute during service in nuclear reactors 1-28551
 Martin, R.J. see Iga, K. 1-15183
 Martin, R.J. see Nasir, P. 1-40790
 Martin, R.L. Radiation testing of recent vintage 8080A microprocessors from several manufacturers 1-2504
 Martin, R.L. Electron correlation in the nickel atom 1-6174
 Martin, R.L. Localized excitations in pyrazine and p-benzoquinone. A valence bond model 1-45858
 Martin, R.L. see Boring, M. 1-43245
 Martin, R.L. see Noell, J.O. 1-1095
 Martin, R.M. Atomic reconstruction at polar interfaces of semiconductors 1-16326
 Martin, R.M. see Kunc, K. 1-52647
 Martin, R.W., Watkins, D.W. An ultrasonic catheter for intravascular measurement of blood flow: technical details 1-26968
 Martin, S. see Kohler, M. 1-10590
 Martin, S.A. see Kulacki, F.A. 1-29654
 Martin, S.F. Preflare conditions, changes and events 1-36246
 Martin, S.J., Gunshor, R.L., Pierret, R.F. Zinc-oxide-on-silicon surface acoustic wave resonators 1-24635
 Martin, S.O., Herbert, I.R., Timms, K. A variable temperature crystallographic study of the steady state vapour bubble principle 1-44925
 Martin, T.H., Barr, G.W., Vandevender, J.P., White, R.A., Johnson, D.L. Pulsed power accelerators for particle beam fusion 1-28752
 Martin, T.H. see Johnson, D.L. 1-28753
 Martin, T.P., Schaber, H. Matrix isolated copper and silver halide clusters 1-10881
 Martin, T.R.P. see van Noort, R. 1-49026
 Martin, W., Freyland, W., Lamparter, P., Steeb, S. Structure and density of gold-cesium-melts. I. Neutron diffraction with gold- and with cesium-melts 1-25151
 Martin, W., Freyland, W., Lamparter, P., Steeb, S. Structure and density of gold-cesium-melts. II. Neutron diffraction with molten gold-cesium-alloys 1-25152
 Martin, W., Freyland, W., Lamparter, P., Steeb, S. Structure and density of gold-cesium-melts. III. Neutron diffraction with Au-Cs-melts in the small q region 1-25153
 Martin, W., Keita, N.M., Lamparter, P., Steeb, S. Structure and density of gold-cesium-melts. IV. Density measurements with Au-Cs-melts [using gamma absorption] 1-25351
 Martin, W. see Kohoutek, L. 1-54591
 Martin, W.E. see Stokowski, S.E. 1-1572
 Martin, W.M.C. see Dische, S. 1-32189
 Martin, W.R. see Losey, D.C. 1-50730
 Martin-Bouyer, J., Vial, M., Combet, E. Space-charge-limited currents and injection in single crystals of durene and some isologues of anthracene 1-25736
 Martin-Bouyer, M., Combet, E. Space-charge limited currents and injection phenomena into the naphthalene single crystals 1-47665
 Martin-Garin, L. see Djemili, B. 1-25484
 Martin-Garin, R. see Djemili, B. 1-25484
 Martin-Pereda, J.A. see Muriel, M.A. 1-11084
 Martina, L., Santini, P.M. Propagation of ion acoustic waves in cold inhomogeneous plasmas 1-29859
 Martincic, R. see Likar, A. 1-18650
 Martindale, W.R., Smith, R.V. Two-phase two-component interface drag coefficients in separated phase flows 1-51855
 Martineau, J. see Bruneau, N. 1-4300
 Martinielli, A.P. see Behrisch, R. 1-26335
 Martinielli, A.P. see Brossa, F. 1-26662
 Martinielli, A.P. see Hintz, E. 1-26336
 Martinielli, G. see Altarelli, G. 1-50419
 Martinielli, G. see Armigliato, A. 1-17211
 Martineau, C.B., Williams, M.C. Viscosity and microstructure of polyethylene-poly(methyl methacrylate) melt blends: some simple interpretations 1-2668
 Martinez, E. Mechanical design of a multi-channel TV Thomson scattering apparatus for the PDX machine 1-920
 Martinez, E. Some mechanical aspects of a fast ion diagnostic apparatus for PDX 1-923
 Martinez, E. see Clyne, M.A.A. 1-28901, 1-46013
 Martinez, E.N. see Ridner, A. 1-20917
 Martinez, G. see Sapriel, J. 1-21182
 Martinez, J.D. see Knauth, L.P. 1-13433
 Martinez, J.M. Morquillas see Morquillas Martinez, J.M.
 Martinez, J.P., Balladore, J.L., Trinquier, J. Determination of partial and total scattering cross-sections for high energy electrons in the range 1.2-3 MeV 1-30007
 Martinez, J.P. see Balladore, J.L. 1-15770, 1-15771
 Martinez, L. An analysis of transient cavity growth controlled by grain boundary diffusion 1-52149
 Martinez, O.E. see Marconi, M.C. 1-24439
 Martinez, R.E., Muzzio, J.C., Waldhausen, S. Low-dispersion spectral classification and UVB photographic photometry of Ha-emission objects in the Coalsack region 1-9526
 Martinez Alonso, L. see Olmedilla, E. 1-40668
 Martinez Duran, A. see Diaz, A. 1-53431
 Martinez-Duart, J.M. see Albella, J.M. 1-21364
 Martinez-Duart, J.M. see Fernandez, M. 1-52665
 Martinez-Herrero, R. Object reconstruction from intensity data of the image 1-1509
 Martinez-Herrero, R. Object reconstruction in a spatially partially coherent imaging system 1-10936
 Martinez-herrero, R. Object reconstruction for the 'Fourier transform' optical system: uniqueness and characterization of data 1-46242
 Martinez-Herrero, R., Duran, A. Relation between the object and its image for partially coherent and quasi-monochromatic illumination 1-41611
 Martinez-Lozano, J.A. see Riera, J. 1-17290
 Martinez-Val, J.M. see Velarde, G. 1-18897
 Martini, B. see Maltese, M. 1-3388
 Martini, B. see Nenciventi, L. 1-1228
 Martini, C. see Bianco, B. 1-53951
 Martini, F. De see De Martini, F.
 Martini, G. The state of water absorbed on silica gel as determined by ESR of transition metal ion probe 1-47936
 Martini, M. Germanium detectors for nuclear power plants 1-28813
 Martino, A. De see De Martino, A.
 Martino, F. Effects of disorder on the transport properties of polymers 1-20664
 Martino, F., Ladik, J. Different-orbitals-for-different-spins formulation of the coherent-potential approximation 1-2900

- Martino, F.J., Gay, E.C., Shimotake, H. Cycle life studies of LiAl/FeS cells using BN felt separators 1-48820
- Martino, F.J. *see* Gay, E.C. 1-48821
- Martino, G. *see* Cannistraro, S. 1-32182
- Martino, J. *see* Adam, M. 1-23909
- Martino, J. *see* Bardin, G. 1-45469
- Martino-Lagarde, P., Durand, G. Dielectric relaxation in a ferroelectric liquid crystal 1-52889
- Martino, G.A. *see* Muller, V.M. 1-24868
- Martynov, N. *see* Georgiev, M. 1-2428
- Martins, A.F. *see* Diogo, A.C. 1-25159
- Martins, H. Simple approximation functions for hysteresis curves 1-33927
- Martins, M.C. *see* Marques, M.I. 1-24076
- Martins, R.D. *see* De A. Martins, R.
- Martins Simoes, J.A. *see* Leite Lopes, J. 1-601, 1-40981
- Martinson, I. Time-resolved spectroscopy for highly ionized atoms 1-45031
- Martinson, I. *see* Andresen, B. 1-46095
- Martinson, I. *see* Engstrom, L. 1-31759
- Martinson, I.G. Diffusional impurity distribution during directed crystallization 1-15917
- Martinson, J. *see* Curtis, L.J. 1-29105
- Martinson, L.K. Thermal self-insulation of localized structures in media with volume heat absorption 1-33869
- Martinucci, P.D. *see* Errede, L.A. 1-53467
- Martinuzzi, S., Sarti, D., Vassilevski, D., Zapfen-Nataren, F. Photodetection properties of Cu-S-CdS heterojunction solar cells 1-17206
- Martire, D.E. *see* Boehm, R.E. 1-25563
- Martirosyan, A.E. *see* Grigoryan, Yu.I. 1-38082
- Martirosyan, H.G. *see* Karapetyan, V.A. 1-37436
- Martirosyan, R.M., Manvelyan, M.O., Mnatsakanyan, G.A., Sevast'yanov, V.S. Spin-lattice relaxation of Cr^{3+} ions in emerald 1-12395
- Martirovits, V. Is the collision-dominated cathode spot theory consistent with conditions in an arc? 1-15682
- Marton, C. *see* Marton, L. (editor) 1-32810
- Marton, D. *see* Yamada, I. 1-7213
- Marton, L., Marton, C. (editor) Advances in electronics and electron physics, vol. 49 1-32810
- Matorana, R. *see* Astili, K.N. 1-6864
- Martorell, J., Sprung, D.W.L. Contribution of the electromagnetic spin-orbit interaction to the isotopic charge density differences in lead 1-23559
- Martorell, J. *see* Karsfeld, S. 1-36903
- Martorell, J. *see* Lane, A.M. 1-36914
- Martres, M.-J., Mein, P., Schmieder, B., Soru-Escat, I. Structure and evolution of velocities in quiescent filaments 1-54449
- Martson, P.L. *see* Cremers, D.A. 1-7256
- Martucci, V.A. *see* Baldassarre, L. 1-8907
- Martunas, Z. *see* Dienys, V. 1-2997
- Marty, D. *see* Dubois, M.A. 1-29881
- Marty, N., Morlet, M., Willis, A., Perrin, C., Beveridge, J.L., Egger, J.P., Goetz, F., Grestil, P., Johnson, R.R., Lunk, C., Schwarz, E. Excitation of isovector giant resonances by inelastic scattering of positive pions on ^{90}Zr at 226 MeV 1-23690
- Marty, N. *see* Djali, C. 1-18623
- Marty, S.M., Lowke, J.J., Messerle, H.K. Prediction of shock fronts in MHD generators 1-35665
- Mart'yanov, A.I. *see* Gavrilenko, V.G. 1-15537
- Martyn, H.-U. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Martynenko, A.P., Zhuravlev, G.I., Grigorovich, S.M., Antonov, A.V. Rapid quality control of magnetic semiconductors by the method of electron paramagnetic resonance 1-12387
- Martynenko, M.E. *see* Kul'chikhin, E.T. 1-3865
- Martynenko, O.G. *see* Kolesnikov, P.M. 1-33820
- Martynenko, O.G. *see* Levinskii, V.V. 1-46782
- Martynenko, O.G. *see* Soloukhin, R.I. 1-29348, 1-32814
- Martynenko, V.S. *see* Boriseiko, V.A. 1-26129
- Martynenko, Yu.V. *see* Guseva, M.I. 1-33820
- Martynenko, Yu.V. *see* Vladimirov, B.G. 1-25335
- Martynets, V.G. *see* Bezerkhi, P.P. 1-15567
- Martynov, A.D. *see* Selivanov, V.M. 1-28589, 1-36995
- Martynov, A.I. *see* Demidov, B.A. 1-52229
- Martynov, E.S. *see* Enkovskii, L.L. 1-40975
- Martynov, G.A. Series expansion in powers of density in statistical theory of electric double layer 1-21731
- Martynov, G.A. Exact equations and the theory of liquids. I. Analysis, transformation and method of solving exact equations 1-46972
- Martynov, G.A., Schmidt, A.B. Limits of application of the nonlinear Poisson-Boltzmann equation 1-14077
- Martynov, G.A., Starov, V.M., Churaev, N.V. Theory of membrane separation of solutions. I. Formulation of the problem and solution of transport equations 1-53463
- Martynov, V.G. *see* Anistratov, A.T. 1-12476
- Martynov, V.P. *see* Komissaruk, V.A. 1-36733
- Martynov, V.V. *see* Alexeev, V.L. 1-639
- Martynova, I.F., Skorokhod, V.V., Shtern, M.B. Investigation of the radial and axial densification of a porous body by compressible-continuum mechanics methods. I. Densification of porous cylinders in the absence of passive deformation limitation 1-3655
- Martynova, I.F., Skorokhod, V.V., Shtern, M.B. Investigation of the radial and axial densification of a porous body by compressible-continuum mechanics methods. II. Densification of porous cylinders under conditions of restricted passive deformation 1-11325
- Martynova, N.A. *see* Syslov, B.I. 1-52655
- Martynovich, E.F., Grigorov, V.A. Optical properties of F_2 centers in lithium fluoride single crystals 1-26235
- Martynovich, E.F., Sapozhnik, V.M. Characteristics of the diamond IR luminescence center 1-43166
- Martynovich, E.F. *see* Grigorov, V.A. 1-2623, 1-37500
- Martynuk, A.S. Temperature dependence of the optical density of neutral-density absorption filters 1-1680
- Martysb, E.V. *see* Kogan, E.Ya. 1-52638
- Martynukhin, I.D. *see* Chernienko, V.V. 1-31470
- Maruani, A., Chelma, D.S. Active nonlinear spectroscopy of biexcitons in semiconductors: propagation effects and Fano interferences 1-46453
- Maruani, J. *see* Korb, J.-P. 1-41409, 1-42992, 1-47926
- Maruch, J. *see* Pommier, R. 1-52456
- Maruhn, J.A. Time dependent Hartree Fock theory for heavy ions 1-50654
- Maruhn, J.A., Greiner, W., Scheid, W. Theory of fragmentation in fission, fusion and heavy ion scattering 1-50631
- Maruhn, J.A., Hahn, J., Lustig, H.-J., Ziegenhain, K.-H., Greiner, W. Quantum fluctuations within the fragmentation theory 1-14548
- Maruhn, J.A. *see* Hess, P.O. 1-14494
- Maruhn, J.A. *see* Stocker, H. 1-5722, 1-14487, 1-50620
- Marullo, G. *see* Cucolo, A.M. 1-50157
- Marumo, F. *see* Ishizawa, N. 1-34296
- Marumori, T., Maskawa, A., Sakata, F., Kuriyama, A. Self-consistent collective-coordinate method for the large-amplitude nuclear collective motion 1-33213
- Marupov, N.Z. *see* Alilov, B.A. 1-659
- Marupov, N.Z. *see* Andrejtsheff, W. 1-28454
- Marusak, L.A., Messier, R., White, W.B. Optical absorption spectrum of hematite, $\alpha\text{Fe}_2\text{O}_3$, near IR to UV 1-3384
- Marusak, T.J. *see* Ackermann, R.A. 1-48900
- Marushkin, V.M., Polynovskii, Ya.L. The correspondence of theoretical and experimental data on heat transfer with condensation of moving vapour on a horizontal cylinder 1-29694
- Marushko, L.A., Zhogolev, D.A. Calculation of the crystal force matrix in the zone theory 1-42672
- Marusin, E.P. *see* Bodak, O.I. 1-30199
- Marusina, V.I. *see* Filimonenko, V.N. 1-43300
- Maruska, H.P. *see* Ghosh, A.K. 1-4203, 1-12126
- Marussi, A. *see* Belousova, V.V. 1-49244
- Maruta, T., Takei, A., Sudoh, G. Rapid determination of sulfur trioxide in Portland cement by turbidimetry 1-26798
- Marutkin, A.Z. *see* Karachevtsev, G.V. 1-18326
- Maruyama, H., Takeuchi, T., Nose, H., Oyama, I. Magnetic properties of plastically deformed iron single crystals 1-47906
- Maruyama, H. *see* Fuse, M. 1-45701
- Maruyama, K., Karashima, S., Oikawa, H. Analysis of steady-state creep of Fe-Mo alloys from the viewpoint of recovery 1-16853
- Maruyama, K. *see* Nagasawa, H. 1-47961
- Maruyama, K. *see* Yoshimoto, I. 1-33044
- Maruyama, N., Ban-Ya, S. Measurement of activities in liquid Fe-Cu, Fe-Cr and Fe-Sn alloys by a transportation method 1-30393
- Maruyama, O. *see* Moriyoshi, Y. 1-21407
- Maruyama, S. *see* Tani, T. 1-38875
- Maruyama, T., Ichikawa, Y., Hobson, R.M., Teii, S. Metastable atom density measurement in a Ne-Ar gas mixture positive column plasma 1-38154
- Maruyama, T. *see* Hobson, R.M. 1-38129
- Maruyama, T. *see* Ichikawa, Y. 1-38153
- Maruyama, T. *see* Jen Shih Chang 1-38185
- Maruyama, X.K. *see* Lindgren, R.A. 1-50589
- Maruyama, Y., Bassler, H. Mobility and recombination coefficient of charge carriers in disordered pentacene 1-42818
- Maruyama, Y., Takamiya-Ichikawa, K. Fluorescence spectra and their temperature dependence of amorphous anthracene films doped with naphthalene 1-8109
- Maruyama, Y. *see* Honda, Y. 1-6084
- Maruyama, Y. *see* Nakano, S. 1-7630
- Marvakov, D.P. *see* Bazhenov, V.K. 1-3817
- Marvasi, R. *see* Azzoni, P. 1-777
- Marvell, C.J., Kirk, D.L. A simple software routine for the reproducible processing of the electrocardiogram 1-4379
- Marvin, A.M. Kirchhoff approximation and closed-form expressions for atom-surface scattering 1-35139
- Marvin, D.A. *see* Banner, D.W. 1-48948
- Marwaha, A.K. *see* Perkins, P.G. 1-47434
- Marwaha, A.S. *see* Chapman, V.B. 1-42985
- Marwitz, J.D. Winter storms over the San Juan mountains. I. Dynamical processes 1-49350
- Marwitz, J.D. *see* Cooper, W.A. 1-49352
- Marx, B.R. *see* Birch, K.P. 1-28991
- Marx, G. *see* Avilez, C. 1-54088
- Marx, G. *see* Danzer, K. 1-21830
- Marx, G. *see* Hopfe, V. 1-26296
- Marx, G. *see* Than, E. 1-21831
- Marx, G.E. *see* Mergerian, D. 1-1720
- Marx, K.D. *see* Harvey, R.W. 1-51914
- Marx, M. *see* Carroll, A.S. 1-14372
- Marx, M.S. *see* Lyon, J.E. 1-39936
- Maryasova, V.I. *see* Leshina, T.V. 1-12971
- Marynick, D.S. The inversion barriers of NF_3 , NCl_3 , PF_3 , and PCl_3 . A theoretical study 1-10863
- Marynick, D.S. A theoretical study of the structure and inversion barrier of PLi_3 1-14804
- Marynick, D.S. *see* Eades, R.A. 1-45824
- Marysko, M. Ferromagnetic resonance relations in $\{111\}$ -oriented garnet films 1-16483
- Marz, R., Schmitt-Rink, S., Haug, H. Optical properties of dense exciton-biexciton systems 1-25646
- Marzano, F. *see* Allasia, D. 1-23495
- Marzari, A. *see* Allasia, D. 1-23495
- Marzari-Chiesa, A. *see* Erriques, O. 1-23490
- Marzotko, D. *see* Demus, D. 1-20366
- Marzuoli, A. *see* Catenacci, R. 1-5177
- Marzwell, N.I. *see* Kienzle, W.E. 1-37527
- Mas, L. *see* Bernard, M. 1-39848
- Mas, L. *see* Comellas, F. 1-5171
- Mas, L. *see* Sohm, J.-C. 1-39651
- Masagutova, R.V., Rud', Yu.V. Properties of n-p-ZnGeF₂ diodes 1-3056
- Masagutova, R.V. *see* Rud', Yu.V. 1-34815, 1-42875
- Masai, K. *see* Matsuoka, M. 1-22927
- Masai, K. *see* Murakami, T. 1-27633
- Masalitin, E.A., Fil, V.D., Gorbunov, P.N. Frequency-tunable automatic acoustic bridge [for US vibration measurements] 1-6737
- Maslov, A.V. *see* Delone, N.B. 1-10701
- Maslov, S.A., Sirenko, Yu.K. Excitation of reflecting lattices by a plane wave in the auto-collimation mode 1-33606
- Maslov, S.O. Diffraction by the screened grating "gills" with dielectric layers 1-14027
- Maslov, Ye.V. *see* Badulin, N.N. 1-36040
- Maslovich, V.M., Sereda, B.F., Reshetnikov, B.S., Leont'eva, L.A., Berg, N.A. Preparation and certain properties of basic chromium bichromate 1-35514
- Masamura, T. *see* Saito, S. 1-39860
- Mascarenhas, A.S. *see* Jagan Rao, N. 1-54090
- Mascarenhas, A.S., Jr. *see* Rao, N.J.M. 1-13485
- Mascarenhas, M.L. Lower semi-continuous and weakly continuous functionals from non-linear constitutive laws for incompressible fluids 1-32849
- Mascarenhas, S. *see* Cameron, J. 1-6081
- Masche, C. *see* Feroch, J. 1-41491
- Maschek, W. *see* Froehlich, R. 1-50831
- Mascherpa, G. *see* Bonnet, B. 1-15876
- Maschke, E.K. Theoretical reports on controlled fusion 1-50929
- Maschke, K., Andreoni, W. Microscopic description of pressure induced phase transitions in zincblende type semiconductors [ZnSe] 1-47229
- Maschke, K. *see* Andreoni, W. 1-25428
- Maschmeyer, D., Niemann, K., Hake, H., Lehmann, G., Rauber, A. Two modified smoky quartz centers in natural citrine 1-26035
- Maschuw, R. *see* Berger, C. 1-10209
- Mase, A. *see* Amagishi, Y. 1-11572
- Masejova, A. *see* Batunyia, B.V. 1-600
- Masek, G.E. *see* Biddick, C.J. 1-18532
- Masello, J. Experimental studies of complicated oscillations. The system Mn^{2+} -malonic acid- KBrO_3 - H_2SO_4 1-12977
- Maser, D. *see* Wittig, G. 1-35468
- Maserjan, J. *see* Bakowski, M. 1-38858
- Maserjan, J. *see* Grunthaler, F.J. 1-43239
- Maserjan, J. *see* Li, S.P. 1-42865
- Masetti, C. Motion of a small metallic particle in a SF_6 gas insulated coaxial conductors system under high direct voltage 1-6919
- Masetti, G., Abbate, S., Gussoni, M., Zerbi, G. Raman intensities of stretch oriented polyethylene and perdeuteropolyethylene. I. Experiments 1-24298
- Masetti, G. *see* Zerbi, G. 1-35751
- Mash, I.D. Equation for the average exciton density 1-12039
- Mashburn, J.W. Radiation monitoring at TVA's Sequoyah nuclear plant 1-28718
- Mashekar, R.A., Marrucci, G. Anomalous transport phenomena in rapid external flows of viscoelastic fluids 1-51829
- Mashekar, R.A. *see* Balaraman, K.S. 1-29793
- Mashendzhinov, V.I. *see* Kormer, S.B. 1-46327
- Masheva, V. *see* Apostolov, A. 1-16910

- Mashboom, B., Partovi, M.H. On the gravitational motion of a fluid obeying an equation of state 1-36536
- Mashimo, T., Nishii, K., Soma, T., Sawaoka, A. Some physical properties of amorphous SiO_2 synthesized by shock compression of α quartz 1-11815
- Mashina, A.I. see Khokhlov, A.F. 1-20744
- Mashinskaya, G.P. see Suvorova, Yu.V. 1-12812
- Mashinskii, E.I., Khanov, V.A. Laser interference seismic detector 1-49402
- Mashinskii, V.M. see Devyatykh, G.G. 1-33782
- Mashita, S. see Kobayashi, H. 1-32179
- Mashiyama, H. A model of successive transitions in $\{N(\text{CH}_3)_4\}_2\text{ZnCl}_4$ 1-39045
- Mashiyama, H. see Hasebe, K. 1-11860
- Mashiyama, H. see Tanisaki, S. 1-30156
- Mashiyama, T. see Morita, T. 1-5264
- Mashkarov, Yu.G. see Ustimenkov, K.F. 1-23629
- Mashkevich, O.L. see Kulagin, N.A. 1-51156, 1-52129
- Mashkova, E.S. see Balashova, L.L. 1-31252
- Mashkovskii, A.G., Potapenko, L.S. An approach to plasmatron control design 1-2254
- Mashni, M., Hess, P. IR laser-induced ionization of condensed CH_3OH , CH_3OD , CD_3OH and CD_3OD 1-37272
- Mashovets, D.V. see Arushanov, E.K. 1-42675
- Mashtakov, Yu.L. see Kopelevich, O.V. 1-13468
- Mashukova, V.A., Voronkov, S.N., Shishkin, B.B. A vacuum diode with single-crystal metal electrodes 1-31296
- Masiero, A. see Barbieri, R. 1-32785
- Masiero, A. see Branco, G. 1-18413
- Masiero, A. see Klinkhamer, F.R. 1-54360
- Masin, M.M. see Kuzmak, E.M. 1-35453
- Masia, W. The problems of applying the principles of higher geometry to measuring technique 1-23149
- Maskaev, V.K., Baskakov, A.P. Calculation of installations for drying gas suspensions 1-13043
- Maskawa, A. see Marumori, T. 1-33213
- Maslennikov, A.M. see Lovetskii, E.E. 1-41952
- Maslennikov, V.G. see Dobrynin, V.M. 1-24864
- Maslennikov, V.G. see Tumakayev, G.K. 1-33982
- Maslennikov, V.M. see Vyskubenko, Yu.A. 1-1957
- Maslennikova, G.N., Kharitonov, F.Ya., Fomina, N.P., Sokolina, E.A. Electrical ceramics based on spodumene concentrate 1-31389
- Maslo, R.M. see Sanders, M. 1-23741
- Masloboev, Yu.P., Poltoratskii, E.A., Suris, R.A., Shtofich, S.V. Semiconductor laser with longitudinal-mode selection 1-51510
- Masloboev, Yu.P. see Emel'yanov, A.V. 1-51644
- Maslov, B.P. Macroscopic variables in the non-linear elasticity theory of stochastically inhomogeneous incompressible bodies 1-24676
- Maslov, B.V. see Postnikov, V.A. 1-35229
- Maslov, E.M. Perturbation theory for solitons in the second approximation 1-49955
- Maslov, L. see Ivanova, V. 1-48518
- Maslov, L.A. see Gurvich, A.M. 1-39990
- Maslov, L.I. see Ivanova, V.S. 1-35373
- Maslov, M.A., Mokhov, N.V. Radiation heating in superconducting magnets and proton beam-loss limitations during acceleration 1-51018
- Maslov, V.A. see Azovskii, Yu.S. 1-2224
- Maslov, V.E. see Khidiyov, A.M. 1-31979
- Maslov, V.G. Calculations of metal phthalocyanines by the CNDO/2 method 1-37119
- Maslov, V.G. Possibility of using the cyclic polyene model for the interpretation of the electronic spectra of metalloporphyrin radical anions 1-41365
- Maslov, V.G. see Nesterenko, A.M. 1-6168
- Maslov, V.K. see Belashchenko, G.I. 1-24629
- Maslov, V.M. see Bratchikov, A.D. 1-35216
- Maslov, V.N. see Kechiyants, A.M. 1-20813
- Maslov, V.P. see Masterov, V.F. 1-21075
- Maslov, V.P. see Vladimirova, T.V. 1-1659
- Maslov, V.V. see Movchan, B.A. 1-3719
- Maslov, Yu.N. see Kardashyan, Zh.A. 1-44965
- Maslora, G.T. see Volod'ko, L.V. 1-53758
- Maslora, L.A. see Tsvinsky, S.V. 1-20083
- Maslora, N.D. see Pronina, E.M. 1-31510
- Maslora, Z.V. see Andreev, A.A. 1-3028
- Maslorskiy, A.V. see Belov, S.P. 1-37205
- Maslow, J.N. see Weber, H.J. 1-10249
- Maslowe, S.A., Redekop, L.G. Long nonlinear waves in stratified shear flows 1-29750
- Maslowe, S.A. see Brown, S.N. 1-42080
- Maslowski, S. see Huber, H.-P. 1-19472
- Maslyukov, Yu.S. see Aristov, A.V. 1-33496
- Maslyukov, Yu.S. see Kuznetsov, B.V. 1-46389
- Masnik, W., Paganus, J. Precision measurement of ultra low liquid mass flow rates 1-15564
- Masnou, J.L. see Bignami, G.F. 1-36429
- Masnou, J.L. see Caraveo, P.A. 1-22865
- Masnou, J.L. see Kanbach, G. 1-13792
- Masnou, J.L. see Pollock, A.M.T. 1-44631
- Maso, J.C. see Basculi, A. 1-11354
- Masoero, A. see Celasco, M. 1-30842
- Masoli, F. see Cecchetti, A. 1-12348
- Mason, A.B., Jr. see Iwan, W.D. 1-9825
- Mason, C.F.V., Bowman, M.G., Behrens, R.G. Hydrogen production from the solar based LASL cadmium cycle 1-48917
- Mason, C.F.V. see Behrens, R.G. 1-52273
- Mason, D. see Nabelek, A.K. 1-39942
- Mason, D.J. Ionization front structure dependence on boundary conditions 1-32742
- Mason, E.A. see Viehland, L.A. 1-39595
- Mason, E.A. see Weinert, U. 1-14082
- Mason, G.C. see De Roach, J. 1-36873
- Mason, G.M., Fisk, L.A., Hovestadt, D., Gloeckler, G. A survey of ~ 1 MeV nucleon $^{-1}$ solar flare particle abundances, $1 \leq Z \leq 26$, during the 1973-1977 solar minimum period 1-9448
- Mason, I.M., Boer, A.K., Buchanan, D.J. Channel wave mapping of coal seams in the United Kingdom 1-17695
- Mason, I.M. see Beresford-Smith, G. 1-27261
- Mason, I.M. see Buchanan, D.J. 1-9101
- Mason, I.M. see Siegmund, O.H.W. 1-9377
- Mason, J. A review of three long-term cloud-seeding experiments 1-54191
- Mason, J. see Jameson, C.J. 1-37132
- Mason, J.W., Young, B. Statistical properties of negative corona pulse sequences 1-15708
- Mason, K.O., Middleditch, J., Nelson, J.E., White, N.E. An optical burst from the star identified with the X-ray source 2S 1254-690 1-5001
- Mason, K.O., Middleditch, J., Nelson, J.E., White, N.E., Seitzer, P., Tuohy, I.R., Hunt, L.K. A 5.57 hr modulation in the optical counterpart of 2S 1822-371 1-49726
- Mason, K.O. see Blissett, R.J. 1-36434
- Mason, K.O. see Van Buren, D. 1-49725
- Mason, M.G., Lee, S.-T., Apai, G. Comparison of electronic structure development in gold clusters formed on amorphous and annealed carbon substrates 1-16654
- Mason, M.G. see Apai, G. 1-52477
- Mason, M.G. see Davis, R.F. 1-21324
- Mason, M.G. see Lee, S.-T. 1-42669
- Mason, N.B. see Flanagan, T.B. 1-53186
- Mason, P., Collins, D., Cowgill, P., Elleman, D., Petrac, D., Saffren, M., Wang, T. Superfluid Helium Experiment for Spacelab 2 1-47324
- Mason, P. see Bergier, A. 1-10275
- Mason, P. see Johnson, P. 1-5659
- Mason, P.E., Gaskell, T. Velocity correlation and collective modes in a rigid sphere fluid 1-20040
- Mason, P.E., Gaskell, T. The effect of visco-elastic behaviour of simple liquids on the observation of long-time tails 1-29636
- Mason, P.E. see Gaskell, T. 1-25475, 1-46969
- Mason, R.J. Monte Carlo hybrid modeling of electron transport in laser produced plasmas 1-19954
- Mason, R.S. see Bohme, D.K. 1-53408
- Mason, R.S. see Clifford, A.A. 1-31926
- Mason, S.F. see Barnett, C.J. 1-10766
- Mason, S.F. see Kuroda, R. 1-41516
- Mason, S.G. see Smith, P.G. 1-47331
- Mason, T.O. see Meyers, C.E. 1-39325
- Mason, T.W. Energy, environment and economics: some practical approaches to analysis 1-35598
- Masoud, M.M. see Youssef, A.M. 1-15638
- Masoumave, J. see Fabbri, A.G. 1-53199
- Masperi, L. see Boyanovsky, D. 1-23441
- Masri, P. Vibrational properties of thin film-substrate interface using the Green function methods 1-11970
- Masri, P. see Harding, J.H. 1-2649
- Masri, Y. El see El Masri, Y.
- Massa, C. see Deninno, M.M. 1-50440
- Massa, D. Vector space methods of photometric analysis. II. Refinement of the MK grid for B stars 1-36277
- Massa, D. Vector space methods of photometric analysis. III. The two components of ultraviolet reddening 1-36278
- Massaccesi, M., Ponticelli, G., Krishnan, V.G. Electron spin resonance study of copper(II) complexes with square pyramidal and compressed trigonal bipyramidal symmetries in different solvents at 295K and 77K 1-24174
- Massaglia, S. see Ferrari, A. 1-2197
- Massaglia, S. see Ferrari, A. 1-36420
- Massai, M.M. see Antreasyan, D. 1-10287
- Massai, M.M. see Bellazzini, R. 1-51061
- Massalas, C. see Raptis, A. 1-51873
- Massalska-Arodz, M., Moscicki, J.K., Wrobel, S. Dielectric study of NPOB 1-15789
- Massalski, T.B., Kim, Y.-W., Vassamillet, L.F., Hopper, R.W. Search for the most stable Pd-Si-Cu metallic glass using the phase diagram approach 1-53159
- Massam, T. see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Massand, O.P., Bisht, J.S., Singh, D. Computed response of some neutron monitors for radioactive neutron sources 1-18987
- Massand, O.P. see Kundu, H.K. 1-14720
- Massand, O.P. see Madhavanth, U. 1-53910
- Massand, O.P. see Marathe, P.K. 1-14703
- Massaro, E., Sacco, B., Manzo, G. The source distribution of cosmic-ray electrons 1-13648
- Massaro, G. see Barber, D. 1-14407
- Massaro, G.G. see Barber, D.P. 1-534, 1-28309
- Massarotti, V., Spinolo, G. Crystal data for potassium and rubidium propanoates: $\text{C}_2\text{H}_5\text{COOK}$ and $\text{C}_2\text{H}_5\text{COORb}$ 1-30215
- Massarotti, V. see Spinolo, G. 1-20455
- Massat, H., Breme, J. Influence of hydrostatic extrusion on the superconducting properties of multiple-core niobium-bronze conductors $[\text{Cu-Sn-Nb}]$ 1-34836
- Massé, G., Lahou, N., Yamamoto, N. Edge emission of CuGaSe_2 1-8138
- Masse, J.L. An equation of state of liquid sodium and its internal energy 1-7285
- Masse, S. see Gautier, C. 1-49387
- Massenet, O. see Tarascon, J.M. 1-47861
- Massengill, J.B. see Langrana, N. 1-13348
- Masserini, G.L. see Gaglione, G. 1-2739, 1-42596
- Massetti, C., Pignini, A., Parmigiani, B. Influence of electrode characteristics on SF_6 corona inception conditions 1-11628
- Massey, G.A., Locher, T.M., Willis, L.J., Johnson, J.C. Raman and electrooptic properties of potassium titanate phosphate 1-35020
- Massey, H.S.W. Dissociative attachment 1-1390
- Massey, J.V., Schneider, A. The role of plutonium-238 in nuclear fuel cycles 1-18867
- Massey, J.V. see Schneider, A. 1-45719
- Massey, P., Conti, P. Spectroscopic studies of Wolf-Rayet stars with absorption lines. II. The WN8 standard star HD 177230 1-44565
- Massey, P. see Garmany, C.D. 1-49718
- Massey, P. see Niemela, V.S. 1-49668
- Massey, T.H. see Fallows, T. 1-28585
- Mossier, P.F. see Sarohia, V. 1-1952
- Massies, J., Dezaly, F., Linh, N.T. Effects of H_2S adsorption on surface properties of GaAs {100} grown in situ by MBE 1-16175
- Massies, J., Etienne, P., Dezaly, F., Linh, N.T. Stoichiometry effects on surface properties of GaAs {100} grown in situ by MBE 1-7439
- Massignon, D., Pellerin, F., le Gressus, C. Hydrogen detection by electron energy loss spectroscopy 1-25561
- Massignon, D. see Pellerin, D. 1-48206
- Masolo, C.P. see Pasquich, A.F. 1-47986
- Masson, A. see Delescluse, P. 1-20531
- Masson, C.R. A new investigation of the redshift-angular-diameter relation for quasars 1-49844
- Masson, C.R. The design of stable acousto-optical spectrometers for radio astronomy 1-54388
- Masson, D.G. see Roberts, D.G. 1-40086
- Masson, J.M. see Alexandre, F. 1-2834
- Masson, J.-M. see Flандrois, S. 1-34931
- Masson, J.-M.M. see Flандrois, S. 1-48290
- Masson, L.S. see Hsu, P.Y. 1-41240
- Masson, M., Delhaes, P., Flандrois, S. Photooxidation of tetrathiatetracene and tetracelenatetracene in halocarbon solutions: formation of new radical-cation salts 1-17030
- Masson, M.A., Bouchy, A., Roussy, G., Serracite, G., Delpeuch, J.J. Microwave spectroscopy and nuclear magnetic resonance study of the molecular geometry of 2-fluorophenylisocyanate 1-10759
- Masson, W.K. see Cox, R. 1-32200
- Massonne, H.-J. see Mirwald, P.W. 1-44169
- Massonnet, L. see Altkofer, O.C. 1-45773
- Massonnet, L. see Aubert, J.J. 1-5630
- Massot, J.N. see Gagnaire, H. 1-11091, 1-33817, 1-37610
- Massot, J.N. see Meunier, J.P. 1-33818
- Massoudi, H. see Iskander, M.F. 1-53816
- Mast, D.B. see Calder, I.D. 1-20498
- Mast, F. see Kotzlowski, H. 1-29925
- Mast, J.P. see Wieringa, H. 1-23213
- Mast, P.K. see Tomkins, J.L. 1-5963
- Mast, R.T., Reite, M.L., Pauley, J.D. Long term physiological monitoring of biotelemetry data using an on-line real-time system 1-32335
- Mastel, B. see Hollenberg, G.W. 1-2526
- Masterov, V.F., Maslov, V.P. Nuclear relaxation in InP and InP:Mn crystals 1-21075
- Masterov, V.F. see Il'in, N.P. 1-42770
- Masterov, V.S., Rabinov, N.S. Mixing in the K quantum number in a compound nucleus and reactions with polarized targets and beams 1-18636
- Masters, A.J., Madden, P.A. A molecular theory of Stokes-Einstein behavior. I. Translational Brownian motion 1-50049
- Masterston, K.D. see Adams, R.O. 1-13105
- Masterston, T. see Horen, D.J. 1-50568
- Masterston, T.G. see Barnett, B.M. 1-23557
- Masterion, B. see Heffner, H. 1-32137
- Masthuba, M. Screened potential in continual nonideal plasma 1-15599
- Masthuba, M., Lukac, P. The measurement of radial electron density distribution in plasma column by two microwave cavities 1-51983
- Masthuba, M. see Pavlik, J. 1-52003
- Mastner, J. see Ineichen, B. 1-15106
- Mastrantonio, G. see Fiocco, G. 1-32479
- Mastro, R.A., Voss, D.A. A quintic spline collocation procedure for solving the Falkner-Skan boundary-layer equation 1-42008

- Mastrocinque, G., Solimeno, S., Lanotte, L., Martellucci, S., Quartieri, J. A numerical investigation on a c.w. high-power, electron-beam pre-ionized He:N₂:CO₂:CO laser 1-1544
- Mastroianni, M.J. see Cookson, A.H. 1-7033
- Mastrullo, R., Mazzei, P., Vanoi, R. Multi-plate glass systems thermal analysis for building envelope energy transfer 1-8671
- Mastrup, F.N. see Finzi, J. 1-1548
- Mastruykov, V.S., Golubinskii, A.V., Vilkov, L.V. Structure of the molecule of bis(trimethylamine)alane H₃Al₂N(CH₃)₃ in the gaseous phase 1-6128
- Mastruykov, V.S., Golubinskii, A.V., Vilkov, L.V. An electron diffraction study of the geometry of the molecule of dichlorodimethylsilane Cl₂Si(CH₃)₂ in the gaseous phase 1-33574
- Masu, K., Konagai, M., Takahashi, K. (GaAl)As/GaAs solar cells—dopant study of Zn and Be 1-8719
- Masud, A.S.M. Economic evaluation of design options for a 20 kW photovoltaic power system 1-35708
- Masud, N. Short-wavelength approximation to multiple scattering in MEED 1-25126
- Masuda, C. see Takahashi, H. 1-37616
- Masuda, G. see Itai, Y. 1-47267
- Masuda, H. Directional control of radiation heat transfer by V-groove cavities—collimation of energy in direction normal to cavity opening 1-37776
- Masuda, H. see Kakuda, T. 1-9009
- Masuda, H. see Yoshida, H. 1-19788
- Masuda, K. Eye-functions and disorders 1-49150
- Masuda, K., Hitachi, A., Hoshi, Y., Doko, T., Nakamoto, A., Shibamura, E., Takahashi, T. Test of a dual-type gridded ionization chamber using liquid neon 1-1027
- Masuda, K., Hunter, N., Withers, H.R. Late effect in mouse skin following single and multifractionated irradiation 1-43905
- Masuda, K., Kobayashi, K., Sato, A., Mori, T. Calculation of core structure and core energy of $^{1/2}(111)[110]$ and $^{1/2}(111)[112]$ edge dislocations in a BCC transition metal: moments approach 1-42384
- Masuda, K., Sato, A. Calculation of core structure and core energy of a $(1/2)(111)$ screw dislocation in BCC transition metals: inclusion of d-orbital anisotropy 1-47084
- Masuda, K. see Asano, Y. 1-1022
- Masuda, K. see Ochiai, Y. 1-47109, 1-52671
- Masuda, K. see Takahashi, T. 1-21269
- Masuda, K. see Takita, K. 1-8176
- Masuda, K.-I. see Sato, A. 1-42383
- Masuda, M., Katoh, Y. Effects of spacing on bubble stability in iron garnet-SiO₂-permalloy multilayer films 1-16467
- Masuda, M., Shintomi, T., Asaji, K. Energy transfer in a system of superconductive magnets 1-48926
- Masuda, M., Yagawa, G., Ando, Y. Thermal analysis in induction heating stress improvement 1-28593
- Masuda, M., Yip, G.L. An optical waveguide Te-TM mode splitter in Ti-diffused LiNbO₃ 1-11071
- Masuda, M. see Asada, H. 1-7472
- Masuda, M. see Horie, T. 1-895
- Masuda, M. see Ishizuka, A. 1-41258
- Masuda, M. see Mitsunaga, K. 1-19474
- Masuda, M. see Shintomi, T. 1-48928, 1-53702
- Masuda, S., Washizu, M., Sekiguchi, T. Electrostatic method of pellet handling [laser fusion targets] 1-19925
- Masuda, T., Matsumoto, Y., Onogi, S. Rheological properties of concentrated solutions of styrene-isoprene block copolymers 1-33940
- Masuda, T., Minemura, A., Yamauchi, K., Kondo, M. A mechanism of direct photoreduction of ferricytochrome c 1-26946
- Masuda, T. see Takahashi, M. 1-6880
- Masuda, W., Yuasa, M. Experimental study of a free-vortex aerodynamic window 1-46365
- Masuda, Y. see Iwashiki, K. 1-11952, 1-25527
- Masui, H. see Sekita, M. 1-8089
- Masui, K. see Wang, P.K.C. 1-38088
- Masuko, N. see Suzuki, I. 1-21633
- Masumi, T. see Kawahara, M. 1-48140
- Masumoto, H., Kikuchi, M., Nakayama, T. Invar characteristics of antiferromagnetic Mn-Ge alloys 1-42556
- Masumoto, H. see Nisida, S. 1-31658
- Masumoto, K. see Koguchi, N. 1-20726
- Masumoto, K.-I. see Kasamatsu, Y. 1-42555
- Masumoto, T., Hashimoto, K. Corrosion properties of amorphous metals 1-35427
- Masumoto, T., Ohnuma, S., Shirakawa, K., Nose, M., Kobayashi, K. Magnetic properties of metal-metal amorphous alloys 1-25905
- Masumoto, T. see Asami, K. 1-21628
- Masumoto, T. see Chen, H.S. 1-20067
- Masumoto, T. see Fukamichi, K. 1-7577
- Masumoto, T. see Inoue, A. 1-16394, 1-16404, 1-20910, 1-30894, 1-35353, 1-52687
- Masumoto, T. see Kawashima, A. 1-53257
- Masumoto, T. see Kikuchi, M. 1-7927
- Masumoto, T. see Kimura, H. 1-21506, 1-21565
- Masumoto, T. see Naka, M. 1-35425
- Masumoto, T. see Nishi, Y. 1-25483, 1-30438
- Masumoto, T. see Ogura, T. 1-3749
- Masumoto, T. see Ohnuma, S. 1-12283
- Masumoto, T. see Shirakawa, K. 1-7926
- Masumoto, T. see Suzuki, Y. 1-3893
- Masumoto, Y., Shionoya, S. Two-photon resonant, coherent Raman scattering via excitonic molecules in CuCl 1-39077
- Masumoto, Y., Unuma, Y., Shionoya, S. Picosecond time of flight measurements of excitonic polaritons 1-47502
- Masuo, R. see Maeda, C. 1-23187
- Masuoka, H. see Yozizane, M. 1-47216
- Masuoka, T., Ishizaka, K., Katsuhara, T. Heat transfer by natural convection in porous media between two concentric spheres 1-1988
- Masuoka, T., Samson, J.A.R. Dissociative and double photoionization of CO₂ from threshold to 90 Å 1-19214
- Masuoka, T., Samson, J.A.R. Dissociative and double photoionization of CO from threshold to 90 Å 1-46035
- Masursky, H. see Batson, R.M. 1-44479
- Masursky, H. see Davies, M.E. 1-4797
- Masursky, H. see Pettengill, G.H. 1-13716
- Masutani, K. see Seki, R. 1-18685
- Masuzawa, J., Tanahashi, T., Ando, T. Flow of the entrance region in a porous pipe. II. Uniform inlet velocity profile 1-11454
- Masychev, V.I. see Dianov, E.M. 1-35005
- Mata, O.R., Aburto, A. On a Lagrangian formulation of optics and gravitation 1-41556
- Mataga, N. see Okada, T. 1-10868
- Matake, T., Imai, Y. Fatigue strength of notched specimen under combined stress 1-12942
- Matake, T., Imai, Y. Fatigue criterion for notched and unnotched specimens under combined stress state 1-43487
- Matalas, N.C., Nordin, C.F., Jr. Water resources of the People's Republic of China 1-54148
- Matalon, S.V., Farhi, L.E. Ventilation-perfusion lines and gas exchange in liquid breathing: theory 1-26924
- Matar, S., Reau, J.M., Demazeau, G., Lucat, C., Portier, J., Hagenmuller, P. Influence of pressure on the electric properties of PbSnF₄ 1-2965
- Matar, S., Reau, J.-M., Lucat, C., Grannec, J., Hagenmuller, P. Synthesis and ionic conductivity properties study of phases belonging to the systems KBF₄-BiF₃ and RbBF₄-BiF₃ 1-20448
- Matarranz, J.L.M. External radiological impact produced by accident at Three Mile Island nuclear power plant 1-28617
- Matas, J. see Sifrata, R.S. 1-27975
- Mataseuk, M.R., Batalov, V.S. A new approach to the determination of the glottal waveform 1-29471
- Mataya, K.F. see Niemann, R.C. 1-48882
- Mataya, K.F. see Smith, R.P. 1-45753
- Mataya, K.F. see Wang, S.-T. 1-48881
- Matayoshi, M., Saito, M. Electrical safety and reliability of health care facilities equipped with class I equipments—safety limit for occurrence of single-fault conditions and its maintenance 1-13333
- Matcha, R.L., King, S.C., Jr., Pettitt, B.M. Theory of the chemical bond. V. Bond polarities of posttransition hydrides 1-10862
- Matcha, R.L. see Gadre, S.R. 1-37103
- Mate, Z. see Arvay, Z. 1-23937
- Matecki, M. see Coulomb, J.P. 1-11974
- Mateer, R.S. see Copeland, G.L. 1-5915
- Mateescu, G.D. see Smith, R.S. 1-3982
- Matee, M.D., Chizhov, M.V. A generalized gauge principle in electrodynamics of scalar and vector fields 1-9849
- Matee, V.P. Precious metals recovery from used electrolytes 1-13014
- Matija, J.F., Stanley, D.P., Theisen, L.V., Frawley, A.D., Peppmiller, P.L., Medsker, L.R., Nagel, P.B. A Woods-Saxon and double-folding optical-model descriptions of ¹⁶O elastic and inelastic scattering from ²⁴Mg, ²⁷Al and ²⁸Si 1-33268
- Matijka, L., Dusek, K. Formation of polyurethane networks studied by the gel point method 1-48319
- Matk, W. see Bodem, F. 1-4383
- Mateniewska, B. see Wojcik, G. 1-39757
- Mateos, F., Moliner, J.F., Oliva, J. Application of negative photoresists to optics 1-51580
- Mateos, F. see Garcia, M.A. 1-1528
- Mateos, J. see Boya, L.J. 1-5469
- Mateosian, E. see de Mateosian, E.
- Materne, J. see Huchtmeier, W.K. 1-27603
- Matej, J.J., Whitman, P.G. New method for extracting static equilibrium configurations in general relativity 1-139
- Matej, J.J. see Whitmire, D.P. 1-27528, 1-36308
- Matshvili, Yu.D., Rozenberg, G.V., Sandomirskii, A.B. Altitude-dependent behaviour of coefficient of scattering of air in red spectral band from measurements from 'Soyuz-22' spaceship 1-32516
- Matshvili, Yu.D., Rozenberg, G.V.: Sandomirskii, A.B., Sushkevich, T.A. Investigation into stratification of aerosol in stratosphere from 'Soyuz-Apollo' programme 1-32494
- Matevosyan, E.M. see Frolov, A.M. 1-28771
- Matezhok, R. see Sollogub, V.B. 1-22281
- Mathai, C.V., Harrison, A.W. Estimation of atmospheric aerosol refractive index 1-36064
- Mathai, C.V., Harrison, A.W., Mathews, T. Aerosol particle size distribution (0.1-1.0 μm) during the Chinnooks of 1979 over Calgary, Canada 1-22418
- Mathelitsch, L., Haftel, M.I., Zingl, H.F.K. Electron-deuteron tensor polarizations 1-28324
- Mathelitsch, L. see Zingl, H.F.K. 1-41044
- Mathier, H. see Nisbet, J. 1-27941
- Mathier, R.E. see Fulford, J.E. 1-18325
- Matheson, G. see Villegier, J.C. 1-52713
- Mathers, C.D. Transverse MHD shock waves in a partly ionized plasma. I. Structure equations and topology 1-2176
- Mathers, C.D. Transverse MHD shock waves in a partly ionized plasma. II. Shock structure in hydrogen 1-6949
- Matheson, D.N. see Little, L.T. 1-9635
- Matheson, T.G., Higgins, R.J. Magnetic breakdown in the tipped Si 'superlattice' 1-52467
- Mathew, J., Alfredson, R.J. A spark generator for model experiments 1-11281
- Mathew, J. see Tonge, K.A. 1-49101
- Mathew, M., Brown, W.E., Austin, M., Negas, T. Lead alkali apatites without hexad anion: The crystal structure of Pb₂K₂(PO₄)₆ 1-34322
- Mathew, M. see Takagi, S. 1-15847
- Mathew, T.V. see Subramanian, G. 1-11344
- Mathews, C.W. see Peters, D.W. 1-33678
- Mathews, G.J. see Schmitt, R.P. 1-41130
- Mathews, M.V., Pierce, J.R. Harmony and non-harmonic partials 1-15330
- Mathews, P.M., Seetharaman, M., Takahashi, Y. On the degree of the minimal equation of the matrices in first-order relativistic wave equations 1-5470
- Mathews, T. see Mathai, C.V. 1-22418
- Mathews, W.H. see Clague, J.J. 1-17631
- Mathews, W.N., Jr., Esrick, M.A. Locality of the field operators of many-body theory 1-19792
- Mathewson, A.G. see Watanabe, K. 1-26339
- Mathewson, D.S., Dopita, M.A., Tuohy, I.R., Ford, V.L. A new oxygen-rich supernova remnant in the Large Magellanic Cloud 1-49770
- Mathey, L. see Ploicnienk, J.M. 1-39197
- Mathez, G. see Capelato, H.V. 1-22902
- Mathia, W., Friedrichs, H.A., Rau, H. P-V-T relations for HBr-H₂O mixtures up to 550°C and 1500 bar 1-18500
- Mathias, C.J. see Kumar, B. 1-43986
- Mathias, H. see Katz, Y. 1-48512
- Mathias, J.D. see Ho, C.T. 1-35656
- Mathias, L.E.S. see Crane, K.C.A. 1-48198
- Mathias, R.T. see Eisenberg, R.S. 1-39904
- Mathie, F.M. see Olson, H.G. 1-37009
- Mathiesen, S. see Als-Nielsen, J. 1-2320
- Mathieson, E. see Fraser, G.W. 1-45799, 1-51048
- Mathieson, E. see Gilvin, P.J. 1-14783
- Mathieu, H., Bayo, L., Camassel, J., Merle, P. Stress dependence of the nitrogen-bound excitons in GaP:N 1-26268
- Mathieu, H., Bayo, L., Camassel, J., Merle, P., Raymond, A. Valley-orbit splitting of the nitrogen-bound exciton in GaP:N 1-47485
- Mathieu, H., Merle, P., Bayo, L., Camassel, J. Effect of uniaxial stress on the excitonic molecule bound to nitrogen trap in GaP 1-25643
- Mathieu, H. see Camassel, J. 1-8093
- Mathieu, H.J. see Shumacher, R. 1-53303
- Mathieu, J. see Cambron, C. 1-51742
- Mathieu, J. see Gence, J.N. 1-33949
- Mathieu, J.C. see Bergman, C. 1-30046
- Mathieu, J.C. see Kotchi, K.P. 1-48716
- Mathieu, M. see Coates, J.H. 1-14688
- Mathieu, P., Marechal, J.C., Simon, Y. Spatial distribution of vortices and metastable states in rotating He II 1-20492
- Mathieu, P., Simon, Y. Hydrodynamic theory of mutual friction in He II 1-16124
- Mathieu, P. see Izatt, J.R. 1-6572
- Mathieu, R.D. see Spitzer, L., Jr. 1-22845
- Mathil Sharan see Singh, M.P. 1-4242
- Mathiot, A. Examples of X-ray topographic results 1-38205
- Mathiprakasam, B. see Lavan, Z. 1-17283
- Mathis, J.S. see White, R.L. 1-36366
- Mathis, M.V. see Nutt, R. 1-28720
- Mathis, R.A. see James, D.R. 1-7030
- Mathpal, K.C., Varshneya, N.C., Dass, N. Precipitation-powered mechanisms of cloud electrification 1-13551
- Mathur, B. see Chari, K.S. 1-34817
- Mathur, B. see Lakshmi, E. 1-31350
- Mathur, B.S. see Gupta, A.S. 1-32573
- Mathur, D. Collisions of slow electrons with methane: ionisation, fragmentation and resonances 1-24270
- Mathur, H.B. Ethanol, a clean burning bio-solar fuel—its production and utilization 1-17148
- Mathur, K.C. see Gupta, G.P. 1-1387
- Mathur, K.C. see Sharma, R.K. 1-1379

- Mathur, M.S., Kelly, F.M.** Comparison of the density dependence of the Hanle effect in the resonance line of atomic barium and magnesium 1-14836
- Mathur, M.S.** see Kelly, F.M. 1-6213
- Mathur, P.C., Arora, J.D., Hartnagel, H.L.** Effect of anodic-oxide layer thickness on the performance of GaAs MOS solar cells 1-32014
- Mathur, P.C.** see Chaudhuri, K.D. 1-34707
- Mathur, P.C.** see Dawar, A.L. 1-7643, 1-38870, 1-38873, 1-52673
- Mathur, P.C.** see Mehra, R.M. 1-2969, 1-52585
- Mathur, P.C.** see Saxena, T.K. 1-12112
- Mathur, R.N.** Angular distributions of neutrons produced in the $(n, 2n)$ reaction from ^{121}I at 14.5 MeV incident neutron energy 1-33264
- Mathur, R.S.** see Rao, U.R. 1-49595
- Mathur, S.S., Seth, A.K.** Solar space heating using galvanized iron sheet roofs 1-39823
- Mathur, S.S.** see Khandel, T.C. 1-39736
- Mathur, S.S.** see Singh, R.N. 1-19402
- Mathur, V.K., Mak, P.S., Lee, C.H.** Carrier relaxation mechanisms in $\text{CdS}_{0.5}\text{Se}_{0.5}$ optoelectronic switches 1-7655
- Mathur, V.N.S.** see Agrawal, R.D. 1-7355, 1-30425, 1-30426
- Mathy, F.** see Breskin, A. 1-23958
- Mathys, G.** Saturn's satellites 1-13727
- Matic, M., Sidis, V., Vujovic, M., Cobic, B.** Near-resonant charge transfer in collisions of N^+ and O^+ ions with inert gases 1-6349
- Matieu, J.C.** see Amosse, J. 1-2638
- Matijevic, E.** see Kuo, R.J. 1-35580
- Matijevic, E.** see Tentorio, A. 1-17115
- Matitsky, T.A.** see Treves, A. 1-49720
- Matinyan, S.G.** see Asatryan, G.M. 1-5557
- Matise, B.K.** see Cox, A.J. 1-15165
- Matishov, G.G.** Genetic classification of the relief of the underwater continental margins (as exemplified by the Arctic Ocean and the North Atlantic) 1-54073
- Matison, B.G.** see Batygin, V.V. 1-1200, 1-33414, 1-33415
- Matizen, E.V.** see Bezverkhii, P.P. 1-15567
- Matizen, E.V.** see Zhdanov, K.R. 1-5315
- Matlak, M., Borgiel, W.** Temperature dependent CPA and the s-f model with Coulomb repulsion. I. Density of states 1-42670
- Matlak, M.** see Zielinski, J. 1-47571
- Matlock, D.K.** see Geib, M.D. 1-16814
- Matlock, D.K.** see Huppi, G.S. 1-26499
- Matlock, D.K.** see Korzekwa, D.A. 1-12818
- Matlock, D.K.** see Spencer, R.E. 1-16880
- Matloob, M.H.** see Isa, S.A. 1-17097
- Matoba, M.** see Daido, H. 1-11033
- Matoschkin, E.P.** see Buchelnikova, M.S. 1-6943
- Matoschkin, E.P.** see Buchelnikova, N.S. 1-24967, 1-38099, 1-38101
- Matokhin, G.V.** see Stekolov, O.I. 1-31749
- Matone, G.** see Federici, L. 1-29240
- Matos, J.E.** see Daly, T.A. 1-50729
- Matos Beja, A.** see Alde Da Veiga, L.M. 1-46948
- Matrenitskii, A.T.** see Yashina, R.M. 1-44188
- Matricciani, E.** Duration of rain-induced fades of signal from Sirio at 11.6 GHz 1-36025
- Matricciani, E.** Rate of change of signal attenuation from Sirio at 11.6 GHz 1-44236
- Matricciani, E.** see Attisani, A. 1-22377
- Matrosov, E.I.** see Antipin, M.Yu. 1-30222
- Matrosova, V.A.** see Mardirosova, I.V. 1-31435
- Matsakis, D.N., Bologna, J.M., Schwartz, P.R., Cheung, A.C., Townes, C.H.** Ammonia observations of DR 21, W51, NGC 1333, and other sources 1-22855
- Matsas, E.P., Antonyuk, V.N., Tyagai, V.A., Snitko, O.V., Shpil'va, V.N.** Peculiarities of anodic indium antimonide oxidation 1-21779
- Matsas, E.P.** see Antonyuk, V.N. 1-31119
- Matschke, M.** see Entel, P. 1-25683
- Matsenko, M.M., Pokhmurskii, V.I., Filimonov, G.N.** Effect of stress concentrations of size effect in the fatigue of medium-carbon and low-alloy steels 1-39445
- Matsenko, V.I.** see Tomin, V.I. 1-46334
- Matservily, Yu.M., Barsukov, V.A., Goloshchapov, V.N., Malyarenko, V.A.** Estimation of the heat-transfer conditions in the neighborhood of the stagnation point during impingement of a jet on an obstacle 1-11398
- Matservily, Yu.M., Multanovskii, A.V.** Identification of heat-exchange parameters by optimal dynamic filtration 1-1797
- Mats'ko, A.A.** see Makhan'kov, V.I. 1-50098
- Matsko, M.G.** see Brodin, M.S. 1-30647
- Matson, G.** see Cutnell, J.D. 1-41410
- Matson, M., Wiesner, D.R.** New data base for climate studies 1-44221
- Matson, R.J., Huggins, A.W.** The direct measurement of the sizes, shapes and kinematics of falling hailstones 1-13524
- Matsubara, E.** see Osamura, K. 1-21452
- Matsubara, F.** Theory of magnetic excitations in random antiferromagnets. II. Spin waves in $\text{Rb}_2\text{Tl}_2\text{Si}_2\text{F}_8$ and $\text{Tl}_2\text{Si}_2\text{F}_8$ ($\text{T}=\text{Mn}$ or Co and $\text{S}=\text{Mg}$, Zn , Co or Ni) 1-25914
- Matsubara, H.** see Suzuki, H. 1-26550
- Matsubara, I.** see Muzilman, B.M. 1-43846
- Matsubara, I.** see Yagi, N. 1-32090
- Matsubara, K.** see Kobayashi, H. 1-32179
- Matsubara, K.** see Takagi, T. 1-16206
- Matsubara, S.** see Munakata, C. 1-47739
- Matsubara, S.** see Saitoh, T. 1-4180
- Matsubara, T., Yoshimitsu, K.** Phenomenological theory of successive phase transitions in mixed perovskite-type oxides 1-8012
- Matsubara, T.** see Machida, K. 1-12232, 1-38885
- Matsubara, T.** see Matsushita, E. 1-34994
- Matsubara, T.** see Ogawa, T. 1-25634
- Matsubara, T.** see Watarai, S. 1-3343
- Matsubara, Y.** Spontaneous mass generation in conformal-invariant ϕ^4 theory 1-45124
- Matsubara, Y., Seno, T.** Paleogeographic reconstruction of the Philippine Sea at 5 m.y. B.P. 1-32422
- Matsubara, Y., Sugawara, A., Yasukochi, K.** Experimental study of flow instabilities in forced helium cooling channels 1-46817
- Matsubayashi, O.** see Kodama, K. 1-9074
- Matsuda, A.** Control and analysis of a-Si:H film deposition by plasma spectroscopy 1-26385
- Matsuda, A.** Control of plasma deposition by the observation of plasma spectrum 1-31363
- Matsuda, A., Inamura, T., Yoshiaki, H.** Study of Nb-based Josephson tunnel junctions 1-3101
- Matsuda, A., Shiga, S., Orimo, H., Kuroyanagi, T.** Prevention of copper from sulfuration in insulating oil. Properties and performances of a newly-developed anti-corrosive treatment of copper strip for transformer conductor 1-21622
- Matsuda, A.** see Nagata, K. 1-52711
- Matsuda, A.** see Nakagawa, K. 1-43260
- Matsuda, A.** see Okushi, H. 1-8709
- Matsuda, H.** A new ion optical system for high resolution high sensitivity mass spectrometer 1-50267
- Matsuda, H., Matsuo, T., Katakuse, I.** Mass spectrometry of heavy molecules 1-21818
- Matsuda, H.** see Nakabushi, H. 1-28766
- Matsuda, H.** see Takeda, T. 1-50268
- Matsuda, I.** see Kurochumi, N. 1-41346
- Matsuda, J., Horiguchi, A., Ura, K.** TV-rate histogram equalization processor for the electron microscope 1-398
- Matsuda, J., Lewis, R.S., Takahashi, H., Anders, E.** Isotopic anomalies of noble gases in meteorites and their origins. VII. C3V carbonaceous chondrites 1-49582
- Matsuda, J., Tsuda, H.** A study of the compressional phase of a theta pinch plasma 1-29902
- Matsuda, K.** Mathematical analysis of holographic lateral shear interferometer 1-24371
- Matsuda, K.** Classical anomalous absorption in strongly magnetized plasmas and effective shielding length 1-42138
- Matsuda, K.** Holographic lateral shear interferometers with twin three-beam holograms 1-51411
- Matsuda, K.** Lower-hybrid propagation cones and tail heating of electrons and ions 1-51964
- Matsuda, K.** see Eiju, T. 1-35857
- Matsuda, K.** see Minami, T. 1-47287
- Matsuda, M.** Kuroda, E. Problems in growth of 4-inch silicon ribbon crystals 1-3612
- Matsuda, M., Nakagawa, M., Ogawa, S.** On the nonleptonic decay of hadron and the total quark number conservation 1-545
- Matsuda, M., Suemitsu, H., Watari, W., Yonezawa, M.** A phase-shift analysis of proton-proton scattering at $P_{\text{lab}} = 6 \text{ GeV}/c$ 1-33196
- Matsuda, M.** see Araki, H. 1-24673
- Matsuda, M.** see Shioya, S. 1-41939
- Matsuda, S.** Sugimoto, K. Ellipsometric analysis of changes in surface oxide films on niobium during cathodic and anodic polarization 1-53341
- Matsuda, S.** see Asakura, Y. 1-5855
- Matsuda, S.** see Fukasako, N. 1-18745
- Matsuda, S.** see Horiike, H. 1-23920
- Matsuda, S.** see Ikegami, T. 1-16723
- Matsuda, S.** see Unozawa, Y. 1-32070
- Matsuda, S.** see Moriyoshi, Y. 1-25277
- Matsuda, T., Isaka, H.** Response of gas to an ovaly deformed gravitational potential of a disk galaxy 1-36415
- Matsuda, T.** see Abe, R. 1-38527
- Matsuda, T.** see Antreasyan, D. 1-10287
- Matsuda, T.** see Barber, D. 1-14407
- Matsuda, T.** see Barber, D.P. 1-534, 1-28309
- Matsuda, T.** see Hatta, I. 1-25427
- Matsuda, T.** see Iizuka, S. 1-6996
- Matsuda, T.** see Imaizumi, S. 1-38546
- Matsuda, T.** see Odajima, K. 1-11573
- Matsuda, T.** see Sengoku, S. 1-24988
- Matsuda, T.** see Thatcher, W. 1-27140
- Matsuda, Y.** see Endo, K. 1-26580
- Matsuda, Y.** see Nevins, W.M. 1-51981
- Matsuda, Y.** see Takasaka, A. 1-34488
- Matsufuji, H., Hasegawa, E.** Flow induced by an oscillating plate in a particle-fluid mixture 1-46729
- Matsubara, M.** see Hattori, T. 1-1715
- Matsubara, M.** see Makita, Y. 1-24498
- Matsui, A.** Tomioka, K. Growth of single crystal film of one-dimensional 9, 10-dichloroanthracene 1-12645
- Matsui, H., Kimura, A., Kimura, H.** The orientation dependence of the yield and flow stress of high purity iron single crystals doped with hydrogen 1-21563
- Matsui, H.** see Tamaki, M. 1-47884
- Matsui, K., Morita, H., Nishi, N., Kinoshita, M., Nagakura, S.** Study on the triplet state of tetramethyl-p-phenylenediamine by microwave induced delayed phosphorescence 1-33492
- Matsui, M., Adachi, K., Chikazumi, S.** Magnetic and thermal anomalies of Invar alloys 1-42949
- Matsui, M.** see Adachi, K. 1-16423, 1-38796
- Matsui, M.** see Mukoyama, T. 1-45460
- Matsui, M.** see Yasuda, H. 1-24586
- Matsui, R.** see Kawaguchi, A. 1-47013
- Matsui, S., Mizuki, S.Y., Yamato, T., Arimoto, H., Namba, S.** Reactive ion-beam etching of silicon carbide 1-43556
- Matsui, S., Yamato, T., Arimoto, H., Namba, S.** Microfabrication of LiNbO_3 by reactive ion-beam etching 1-1733
- Matsui, S.** see Shirafuji, J. 1-18300
- Matsui, T.** Visualization of turbulent spots in the boundary layer along a flat plate in a water flow 1-37897
- Matsui, T., Karato, S., Yokokura, T.** Dislocation structures of olivine from pallasite meteorites 1-36227
- Matsui, T., Tanaka, S.** Spectral separation of surface and 2nd layers of laminated polymer films by Fourier transform infrared ATR spectroscopy 1-8063
- Matsui, T.** see Fukushima, M. 1-45770
- Matsui, T.** see Manghani, M.H. 1-39360
- Matsui, T.** see Ming, L.C. 1-32434
- Matsui, T.** see Nagata, H. 1-11376, 1-11377
- Matsui, T.** see Terada, S. 1-14415
- Matsui, Y.** Three-body resonances in the ^6Li nucleus 1-23619
- Matsui, Y., Horiuchi, S.** Irradiation-induced defects in β'' -alumina examined by 1 MV high-resolution electron microscopy 1-34369
- Matsui, Y.** see Fujimura, T. 1-45565
- Matsui, Y.** see Homma, Y. 1-13324
- Matsuk, V.G.** see Makarov, V.P. 1-7924
- Matsuk, V.G.** see Sidokhin, A.F. 1-7872
- Matsukawa, K.** see Kitazawa, K. 1-16162
- Matsukawa, K.** see Tsuiji, H. 1-38817
- Matsuki, K.** see Nagahira, Y. 1-39120
- Matsuki, T., Yamamoto, N.** Relation between Weinberg and Georgi-Politzer renormalization-group equations 1-23427
- Matsumae, T.** see Okimura, H. 1-4205
- Matsumaru, T.** see Kojima, T. 1-50252
- Matsumoto, B.** see Nakayama, J. 1-29188
- Matsumoto, C.** see Taguchi, H. 1-42639
- Matsumoto, G., Hanya, T.** Organic constituents in atmospheric fallout in the Tokyo area 1-53726
- Matsumoto, G., Kyung-shik Kim, Uehara, T., Shimada, J.** Electrical and computer simulations upon the nervous activities of squid giant axons at and around the state of spontaneous repetitive firing of action potentials 1-8837
- Matsumoto, G.** see Ikeda, Y. 1-52267
- Matsumoto, G.** see Kato, M. 1-4394
- Matsumoto, G.** see Takami, M. 1-47884
- Matsumoto, H.** Stabilization method of an infrared two-wavelength laser 1-33702
- Matsumoto, H.** Infrared He-Xe laser interferometry for measuring length 1-36725
- Matsumoto, H., Nakahara, I., Ito, A.** Bifurcation or skew of a rapidly propagating crack (case of mode III crack) 1-46699
- Matsumoto, H., Sawada, K., Asai, S., Hirayama, M., Nagasawa, K.** The effect of gate bias on hot electron trapping 1-12191
- Matsumoto, H., Seino, S., Sakurai, Y.** Automatic recording laser interferometer for line standards up to 2 m 1-40843
- Matsumoto, H.** see Iizuka, S. 1-6996
- Matsumoto, H.** see Kawakami, T. 1-11306
- Matsumoto, H.** see Kotani, A. 1-34872
- Matsumoto, H.** see Matsumoto, S. 1-12474
- Matsumoto, H.** see Nakano, A. 1-8714
- Matsumoto, H.** see Nakayama, N. 1-8715
- Matsumoto, H.** see Odajima, K. 1-11573
- Matsumoto, H.** see Sengoku, S. 1-24988
- Matsumoto, H.** see Tachiki, M. 1-42896
- Matsumoto, H.** see Ujihashi, S. 1-24717
- Matsumoto, K.** The determination of surface compositional profiles in float glass by ESCA 1-48240
- Matsumoto, K., Shirahata, H., Fujioka, T.** CO_2 waveguide laser cooled by a Peltier thermoelectric module 1-19353
- Matsumoto, K., Sueoka, K., Obara, M., Fujioka, T.** A UV-preionized high-repetition-rate TEA CO_2 laser 1-11015
- Matsumoto, K.** see Inouye, T. 1-4267
- Matsumoto, K.** see Tanabe, F. 1-33333
- Matsumoto, K.** see Yamakawa, K. 1-43480
- Matsumoto, M., Shibata, I., Sakizi, Y., Fukuchi, M., Kobayashi, S.-I.** Role of the electron Fermi surface in the helical spin ordering of rare earth metal Eu 1-7506
- Matsumoto, M.** see Nagaishi, T. 1-26731
- Matsumoto, M.** see Satoh, H. 1-38170

- Matsumoto, N., Kameoka, T., Tokieda, K., Okamoto, Y., Miya, K. Experimental study on transient behaviors of gas in thermal insulation media at rapid depressurization 1-18718
- Matsumoto, N., Kumabe, K. Amorphous GaAs films by molecular beam deposition 1-25585
- Matsumoto, N. see Kumabe, K. 1-16608
- Matsumoto, O. see Konuma, M. 1-21366
- Matsumoto, R. see Kurosawa, F. 1-26667, 1-31417, 1-43341, 1-43342, 1-43600, 1-48616, 1-53377
- Matsumoto, S., Gibbons, J.F., Delina, V., Evans, C.A., Jr. High-temperature scanning CW laser-induced diffusion of arsenic and phosphorus in silicon 1-42575
- Matsumoto, S., Liu, B. Analytic fidelity measures in the characterization of halftone processes 1-15081
- Matsumoto, S., Matsumoto, H., Onaka, R. Study of the electro-reflectance of KDP 1-12474
- Matsumoto, S. see Matsunami, H. 1-4182
- Matsumoto, S. see Sakakibara, M. 1-25245
- Matsumoto, S. see Ushizaki, T. 1-46825
- Matsumoto, T. Condensation of color-triplet diquarks and the manifestation of color gauge theory in hadron physics 1-18441
- Matsumoto, T. A gauge theory of the integral form: lattice-like gauge theory invariant under translation and rotation 1-36801
- Matsumoto, T., Ishida, T. Anisotropy of photovoltaic properties of Au-CdSnP₃ diodes 1-8712
- Matsumoto, T., Ishida, T. Etching study on CdSnP₃ prismlike crystals 1-15893
- Matsumoto, T., Morita, T., Ishida, T. Structural properties of epitaxial ZnS on Ge substrates 1-42649
- Matsumoto, T., Senda, M. Neutron diffraction study of liquid mercury using the electron LINAC 1-20045
- Matsumoto, T., Yamamoto, O., Onogi, S. Rheological properties of suspensions of ionic spherical particles 1-1902
- Matsumoto, T. see Hayakawa, S. 1-22923
- Matsumoto, T. see Hirata, T. 1-47043
- Matsumoto, T. see Kato, T. 1-47686
- Matsumoto, T. see Naka, M. 1-35354
- Matsumoto, T. see Okubo, M. 1-8625
- Matsumoto, Y., Koyama, K., Tanimoto, M., Sugura, M. Effects of the light beam bending on the interferometric electron density measurements 1-42204
- Matsumoto, Y., Kurimoto, J., Amagasaki, Y., Sato, E. Visible light response of polycrystalline TiO₂ electrodes 1-26753
- Matsumoto, Y., Yamada, S., Nishida, T., Sato, E. Oxygen evolution on La_{1-x}Sr_xFe_{1-y}Co_yO₃ series oxides 1-31867
- Matsumoto, Y. see Koyama, K. 1-46862
- Matsumoto, Y. see Masuda, T. 1-33940
- Matsumoto, Y. see Yoshizumi, S. 1-33736
- Matsumura, C. see Kaushik, V.K. 1-1215
- Matsumura, C. see Nakata, M. 1-14875
- Matsumura, F., Tachimori, S. Magnetic suspension system suitable for wide range operation 1-6422
- Matsumura, F. see Saito, S. 1-39860
- Matsumura, H., Katsuyama, T., Suganuma, T. Fundamental study of single polarisation fibres 1-11125
- Matsumura, H., Nakagome, Y., Furukawa, S. An amorphous silicon film usable at high-temperature annealing properties of a new fluorinated amorphous-silicon 1-3622
- Matsumura, H., Nakagome, Y., Furukawa, S. A heat-resisting new amorphous-silicon 1-53090
- Matsumura, H., Suganuma, T. Normalization of single-mode fibres having an arbitrary index profile 1-6661
- Matsumura, H., Suganuma, T., Katsuyama, T. Simple normalization of single mode fibers with arbitrary index profile 1-11134
- Matsumura, H. see Bartel, W. 1-18500, 1-45253, 1-45254
- Matsumura, H. see O'Neill, L.H., Jr. 1-50443
- Matsumura, K., Kawaguchi, K., Nagai, K., Yamada, C., Hirota, E. Infrared diode laser spectroscopy of the NS radical 1-37194
- Matsumura, K., Tanaka, T., Endo, Y., Salto, S., Hirota, E. Microwave spectrum of acetylene-d₂ in excited vibrational states 1-10720
- Matsumura, K. see Tsukamoto, J. 1-43763
- Matsumura, M., Kohara, T., Asayama, K. Nuclear spin-lattice relaxation time of non-transition element impurities in ferromagnetic Fe and Ni 1-34953
- Matsumura, M., Onda, M., Sato, S. Characteristics of nozzle-type wind tunnel 1-11438
- Matsumura, M. see Okushi, H. 1-8709
- Matsumura, S. Growth conditions for large diameter X-axis LiTaO₃ crystals 1-12649
- Matsumura, S. see Kobayashi, E. 1-43312
- Matsumura, S. see Kyuragi, H. 1-31178
- Matsumura, T., Oookuchi, Y. A comparative test of the split explicit integration scheme for numerical weather prediction models based on the σ -coordinate system 1-4572
- Matsumura, Y. see Funakoshi, Y. 1-43293
- Matsumura, H. see Ushio, S. 1-21165
- Matsunaga, K., Negishi, M., Fukase, S., Hasebe, K. Chemical species of copper in the River Shukunoh and the Lake Ohnuma waters in Japan 1-40147
- Matsunaga, K. see Hara, T. 1-11541
- Matsunaga, M., Hagiuda, Y. General mechanical properties, adhesion strength and fatigue damage of electroplated ABS plastics 1-39442
- Matsunaga, M. see Mamantov, G. 1-32009, 1-53583
- Matsunaga, S. see Ishibashi, H. 1-42110
- Matsunaga, T. see Fujii, T. 1-15469
- Matsunaga, Y. see Aihara, J.-I. 1-33578
- Matsunaga, Y. see Muta, A. 1-38285
- Matsunaka, T. see Shibayama, K. 1-19535
- Matsunami, H., Matsumoto, S., Tanaka, T. Fundamental properties of MIS solar cells 1-4182
- Matsunami, H. see Fuyuki, T. 1-42789
- Matsunami, H. see Ikeda, M. 1-16255
- Matsunami, H. see Kyuragi, H. 1-31178
- Matsunami, H. see Mitani, K. 1-4179
- Matsunami, H. see Nishino, S. 1-35182
- Matsunami, N., Howe, L.M. A diffusion calculation of axial dechanneling in Si and Ge 1-52199
- Matsunami, N. see Bottiger, J. 1-12618
- Matsunami, T. see Kusaka, Y. 1-49291
- Matsuno, N. see Otake, S. 1-25866
- Matsuno, Y. Bilinearization of nonlinear evolution equations. IV. Higher-order Benjamin-Ono equations 1-9842
- Matsuno, Y. Statistics of nonlinear dispersive waves. II. Multi-point velocity correlation functions 1-18040
- Matsu, E. see Tsuji, M. 1-48042
- Matsu, H. The effect of residual strain on the thermal conductivity of nuclear graphite 1-773
- Matsu, H. see Akiba, R. 1-27358
- Matsu, N. see Tsubomura, H. 1-52968
- Matsu, S., Nishida, I. Magnetic properties of a new magnetic phase in fine BCC chromium particles prepared by gas evaporation method 1-7900
- Matsu, T. see Hirata, M. 1-18327
- Matsu, T. see Kobayashi, N. 1-6373
- Matsu, T. see Matsuda, H. 1-21818
- Matsu, T. see Nagamura, T. 1-4123
- Matsu, T. see Nakabuchi, H. 1-28766
- Matsu, T. see Shimada, K. 1-13337
- Matsu, T. see Wollnik, H. 1-36763
- Matsu, Y., Hasimoto, Y. Measurement of aerosol size distribution and identification of air pollution sources 1-32074
- Matsu, Y., Suzuki, T., Nagasawa, A. Elastic behavior and phase stability of the β_1 -AgZn alloy 1-11858
- Matsu, Y. see Chang, N.S. 1-1729
- Matsu, Y. see Ikuzawa, Y. 1-21028
- Matsu, Y. see Yukito Matsuo
- Matsuoka, H., Aizawa, M., Suzuki, S. Uphill transport of uranium across a liquid membrane 1-21772
- Matsuoka, K. see Ichioka, Y. 1-46238
- Matsuoka, K. see Ohkubo, K. 1-11576, 1-46902
- Matsuoka, M., Inoue, H., Koyama, K., Maki-shima, K., Murakami, T., Oda, M., Ogawara, Y., Ohashi, T., Shibasaki, N., Tanaka, Y., Hayakawa, S., Kunieda, H., Makino, F., Masai, K., Nagase, F., Tawara, Y., Miyamoto, S., Tsunemi, H., Yamashita, K. Discovery of a large X-ray burst from an X-ray nova, Centaurus X-4 1-22927
- Matsuoka, M. see Itoh, H. 1-45980
- Matsuoka, M. see Murakami, T. 1-27633
- Matsuoka, M. see Nakatsuka, H. 1-46461
- Matsuoka, N., Kondo, M., Shimizu, A., Saito, T., Nagamachi, S., Sakaguchi, H., Goto, A., Ohtani, F. Deuteron break-up in the fields of nuclei at 56 MeV 1-707
- Matsuoka, O. Grid points of Gauss-Legendre quadrature as exponent parameters of basis functions of atomic Hartree-Fock wavefunctions 1-33386
- Matsuoka, O., Aoyama, T. Molecular integral of diamagnetic contribution to nuclear spin-spin coupling constant 1-33479
- Matsuoka, S., Nakamura, H., Tamura, T. Comments on the ambipolar diffusion assumption in flowing-afterglow data analysis for positive-ion/molecule reactions 1-53409
- Matsuoka, S., Tanaka, K. The influence of sheet thickness on delayed retardation phenomena in fatigue crack growth in HT80 steel and A5083 aluminium alloy 1-3878
- Matsuoka, S. see Ogawa, K. 1-30188
- Matsuoka, T., Takahai, K., Noguchi, Y., Nagai, H. 1.5 μ m region InP/GaInAsP buried heterostructure lasers on semi-insulating substrates 1-33703
- Matsuoka, T. see Nariai, H. 1-28562
- Matsuoka, Y., Morinaga, H. Production of fine particles of silver by vacuum evaporation on running oil substrate 1-21352
- Matsuoka, Y., Morinaga, H., Ohkohchi, M. Positron annihilation in fine particles of indium 1-3529
- Matsue, T. see LEE, S.M. 1-36975
- Matsushige, K., Nagata, K., Imada, S., Take-mura, T. The II-I crystal transformation of poly(vinylidene fluoride) under tensile and compressional stresses 1-47233
- Matsushima, K. see Ogawa, K. 1-30188
- Matsushima, S., Morino, K., Nozawa, K., Miyake, K. Tensile strength and cyclic tensile fatigue strength of annealed and drawn tantalum in vacuum at high temperature 1-53198
- Matsushima, T. see Iwata, N. 1-12267, 1-52756
- Matsushima, Y. see Noda, Y. 1-51501
- Matsushita, E., Yoshimitsu, K., Matsubara, T. Theory of phase transition in squaric acid 1-34994
- Matsushita, M. see Mannami, M. 1-38415
- Matsushita, N., McHarris, Wm.C., Firestone, R.B., Kasagi, J., Kelly, W.H. On improving Ge detector energy resolution and peak-to-Compton ratios by pulse-shape discrimination 1-37077
- Matsushita, N., Takahashi, S., Kajiyama, H., Senaha, S. Development of highly efficient floodlights with reflector using physical vapor deposition method 1-33789
- Matsushita, R. see Koyama, M. 1-48760
- Matsushita, S. see Miyama, T. 1-12370
- Matsushita, T. see Tsujimoto, H. 1-12362
- Matsushita, T., Kaminaga, U. A systematic method of estimating the performance of X-ray optical systems for synchrotron radiation. I. Description of various optical elements in position-angle space for ideally monochromatic X-rays 1-34194
- Matsushita, T., Kaminaga, U. A systematic method of estimating the performance of X-ray optical systems for synchrotron radiation. II. Treatment in position-angle-wavelength space 1-34195
- Matsushita, T., Suzuki, A., Okuda, M., Sakai, T. Photovoltaic effect of amorphous In₂Se₃ film-SnO₂ structure 1-7657
- Matsushita, T., Yamafuji, K. Pinning force density in nonideal superconductors with weak pins 1-38884
- Matsushita, T. see Chikaba, J. 1-47801
- Matsushita, T. see Naito, H. 1-25663
- Matsushita, T. see Tanaka, H. 1-1122
- Matsushita, Y. see Nagasawa, K. 1-15886
- Matsusue, T. see Hatanaka, K. 1-33255
- Matsutera, H., Hidaka, Y. Three dimensional continuous magneto-static energy model analysis of 2 μ m bubble propagation on asymmetric chevron patterns 1-7913
- Matsuura, E. see Sekine, T. 1-8057
- Matsuura, H. see Ohno, K. 1-1224
- Matsuura, H. see Sakakibara, M. 1-25245, 1-28969
- Matsuura, H. see Shimanouchi, T. 1-51310
- Matsuura, K. A study on a rotor passing through a resonance 1-9823
- Matsuura, K. see Homma, Y. 1-13324
- Matsuura, K. see Itoh, S. 1-19945
- Matsuura, K. see Ohkubo, K. 1-11576, 1-46902
- Matsuura, K. see Toi, K. 1-19946, 1-46911
- Matsuura, M. On nuclear magnetic ordering—an introduction of the experimental investigation by Sclay group and others 1-3145
- Matsuura, M., Butner, H. Exciton polaron with the arbitrary exciton-phonon coupling 1-7532
- Matsuura, M., Butner, H. Masses and oscillator strengths of Wannier excitons in polar semiconductors 1-47483
- Matsuura, M., Iwasaki, T., Suzuki, Y., Sato, R. Static and dynamical study on faulting mechanism of the 1923 Kanto earthquake 1-44117
- Matsuura, M., Kikuchi, M., Yagi, M., Suzuki, K. Effects of ambient gases on surface profile and related properties of amorphous alloy ribbons fabricated by melt spinning 1-25981
- Matsuura, M., Tanimoto, T. Quasi-static deformations due to an inclined, rectangular fault in a viscoelastic half-space 1-32399
- Matsuura, M. see Okuda, Y. 1-38915
- Matsuura, M. see Suzuki, K. 1-30084
- Matsuura, N. see Yamaoka, I. 1-25354
- Matsuura, S. see Tanigawa, H. 1-10011
- Matsuura, S. see Tsurumi, H. 1-41173
- Matsuura, T. see Azumi, M. 1-6939
- Matsuyama, I. see Jyomura, S. 1-39022
- Matsuyama, T., Ignatiev, A. LEED-AES study of the temperature dependent oxidation of the cobalt (0001) surface 1-34581
- Matsuyama, T. see Okanishi, S. 1-32236, 1-32237
- Matsuyana, K. see Broglia, R.A. 1-10342
- Matsuzaki, Y. see Nishimura, J. 1-22505
- Matsuzaki, K. see Nakamura, S. 1-13002
- Matsuzaki, M. see Mukai, S. 1-26396, 1-48282
- Matsuzaki, S. see Wakayama, N. 1-12520
- Matsuzaki, Y., Fujisawa, N., Suzuki, N., Maeno, M., Yamamoto, T., Tani, T., Miyahara, Y., Murai, K., Iba, D., Kawasaki, T. Direct digital control of plasma position in JFT-2 Tokamak without shell 1-2226
- Matsuzaki, Y. see Sakamoto, Y. 1-29922, 1-29941
- Matsuzaki, Y. see Yokokura, K. 1-27999

- Matsuzawa, A., Itoh, T., Ishikawa, Y., Yanagida, H. In-line plasma CVD system for producing SiN_x films 1-31360
- Matsuzawa, A. see Itoh, T. 1-31702
- Matsuzawa, H., Kato, Y., Suganomata, S. Electron-beam preirradiation effect on discharge-pumped H₂/SF₆ lasers 1-15161
- Matsuzawa, H., Suganomata, S. Long-lived electron-beam-pre-irradiation effect in a compact SF₆/H₂ laser 1-24412
- Matsuzawa, H., Suganomata, S., Hasegawa, K. Enhanced photoemission from arc discharge of low-pressure SF₆ and SF₆ mixtures 1-42229
- Matsuzawa, K. see Sasaki, Y. 1-19536
- Matsuzawa, M. see Sasano, K. 1-41466
- Matsuyuk, M.A. see Abramov, B.M. 1-992
- Mattar, F.P., Newstein, M.C. Adaptive stretching and rezoning as effective computational techniques for two-level paraxial Maxwell-Bloch simulation 1-15213
- Mattarelli, P. see Andretta, A. 1-39817
- Mattauch, R.J. see Seabough, A.C. 1-43554
- Mattauer, M. see Tapponnier, P. 1-54048
- Mattauch, H.J., Aspnos, D.E. Optical properties of InSb and its electrochemically grown anodic oxide 1-48024
- Mattauch, H.J. see Strinati, G. 1-47448
- Matte, J.P. see Larsen, J.M. 1-34099
- Matteazzi, P. see Principi, G. 1-12435
- Mattei, A. see Adamovich, M.I. 1-45317
- Mattei, A. see Tommasino, L. 1-51057
- Mattei, G., Fornari, B., Pagannone, M. Raman scattering in crystals excited in total reflection condition: theory and experimental results 1-16571
- Mattei, J., Mayer, E., Bortle, J., Morgan, J., Wu, C.-C., Holm, A.V., Raymond, J.C., Hartmann, L.W. GK Percsi 1-44569
- Mattei, J., Ney, E. Honda's variable in Cygnus (Nova Cygni 1980) 1-27526
- Mattei, J., Sharpe, S., Adams, R., Medway, K., Mayer, E., Urata, T., Hirose, K., Fujino, S. GK Percsi 1-54511
- Mattei, J.A., Mayer, E.H., Baldwin, M.E. Observing variable stars 1-32713
- Mattei, J. Akuz see Akuz Mattei, J.
- Matter, J.C., Bradley, R.G. Optical pulse propagation through clouds 1-49381
- Mattera, A. see Giarda, L. 1-16674
- Mattern, P.L. see Farrow, R.L. 1-31159
- Mattes, H. see Wilson, T.L. 1-27577
- Mattes, J. see Dietsche, W. 1-7278
- Mattes, R., Gohler, D. Hydrogen bonds in fluorosubstituted dicarboxylic acids: vibrational spectra and crystal structure of potassium hydrogen difluorofumarate and potassium hydrogen difluoromaleate 1-15884
- Mattes, R., Mennemann, K., Jackel, N., Rieskamp, H., Brockmeyer, H.-J. Structure and properties of the fluorine-rich oxofluoromolybdates Cs₃[Mo₂O₇F₃], (NH₄)₃[Mo₂O₇F₃] and (NH₄)₃[MoOF₆] 1-34314
- Matteson, H.H. see Lyon, J.E. 1-39936
- Matteson, J.L. see Gruber, D.E. 1-22837
- Matteson, J.L. see Primi, F.A. 1-49830
- Matteson, S., Roth, J., Nicolet, M.-A. Ion induced silicide formation in niobium thin films 1-11986
- Matteucci, J., Baumeister, P. Integration of thin-film coatings into optical systems 1-51597
- Matte, D.P. see Thompson, R.N. 1-13417
- Matthaeus, W.H., Montgomery, D. Nonlinear evolution of the sheet pinch 1-42142
- Matthias, B.T. see Methfessel, C.E. 1-47779
- Matthay, H. see Amols, H.I. 1-49063
- Mattheiss, L.F., Dietz, R.E. Relativistic tight-binding calculation of core-valence transitions in Pt and Au 1-7513
- Matthes, J. see Waluszyk, W. 1-51659
- Matthes, K.-J. see Neumann, A. 1-7025
- Matthes, M.T. see Basinger, S.F. 1-35821
- Mattheus, A. see Bergmann, K. 1-41461
- Matthew, I.G., Newman, O.M.G., Palmer, D.J. Water balance and magnesium control in electrolytic zinc plants using the E.Z. selective zinc precipitation process 1-4101
- Matthew, J.A.D. see Bertel, E. 1-48204
- Matthew, J.A.D. see Eason, R.W. 1-41788
- Matthew, J.A.D. see Pollard, A.M. 1-31248
- Matthew, J.A.D. see Underhill, P.R. 1-12014
- Matthews, A., Teer, D.G. Deposition of Ti-N compounds by thermionically assisted triode reactive ion plating 1-16704
- Matthews, A., Teer, D.G. Evaluation of coating wear resistance for bulk metal forming 1-31685
- Matthews, A. see Sundquist, H.A. 1-30592
- Matthews, D.B. see Fletcher, S. 1-48816, 1-48817
- Matthews, D.L. see Fortner, R.J. 1-8160
- Matthews, F. see Pell, F.R. 1-49162
- Matthews, H.E. see Olmon, F.M. 1-9525
- Matthews, H.E. see van Gorkom, J.H. 1-54587
- Matthews, J.C., Sheard, F.W. A working model of incompatible quantum variables 1-5057
- Matthews, J.E. Heuristic physical property model for marine sediments 1-15308
- Matthews, J.E., Choo Yun Kong Anomalous behaviour of a sphere/plane gap under impulse conditions 1-15584
- Matthews, J.M. see Percy, J.R. 1-40484
- Matthews, J.P., Yearby, K. Magnetospheric VLF line radiation observed at Halley, Antarctica 1-40285
- Matthews, J.R. see Schmitz, F. 1-822
- Matthews, J.R. see Wood, M.H. 1-7388
- Matthews, K. see Kondo, Y. 1-54609
- Matthews, K. see Soifer, B.T. 1-54651
- Matthews, L. see Dale, P.J. 1-35797
- Matthews, R.B., Hart, P.E. Nuclear fuel pellets fabricated from gel-derived microspheres 1-10507
- Matthews, R.J., Stoebe, T.G. Precision thermoluminescent dosimetry using CaSO₄:Dy Teflon dosimeters 1-6085
- Matthews, R.J. see Las, W.L. 1-3503
- Matthews, R.R. Using quantitative analysis in Britain 1-28628
- Matthews, R.W. The radiation chemistry of the terephthalate dosimeter 1-4114
- Matthews, R.W. Potentiometric estimation of doses from 0.1 to 1.0 Mrad with the ceric-cerous system 1-18903
- Matthews, S.J. see Rino, C.L. 1-4716
- Matthews, W.A. Total ozone on a European clear day 1-36048
- Matthews, W.A. see Weiler, K.H. 1-44322
- Matthey, A.P.M., Walraven, J.T.M., Silvera, I.F. Measurement of pressure of gaseous H₂ (spin down): adsorption energies and surface recombination rates on helium 1-47320
- Matthiae, G. see Badier, J. 1-10218, 1-10582, 1-14430
- Matthiae, G. see Hammarstrom, R. 1-14739
- Matthias, B.T. see Enz, C.P. 1-8007
- Matthias, B.T. see Hulm, J.K. 1-12247, 1-32826
- Matthias, B.T. see Schneider, S.C. 1-20918
- Matthias, B.T. see Smith, J.L. 1-12272
- Matthias, B.T. see Suh, H. 1-30868
- Matthias, E. see Gornik, W. 1-24096
- Matthies, H. see Strang, G. 1-6795
- Matthies, S. Standard functions in the texture analysis 1-15748
- Matthies, S. On the reproducibility of the orientation distribution function of texture samples from pole figures. I. Relationship between the ODF and pole figures 1-20100
- Matthies, S. On the reproducibility of the orientation distribution function of texture samples from pole figures. II. Consequences of the limited reproducibility of the ODF—ghost phenomena 1-20102
- Matthies, S. On the reproducibility of the orientation distribution function of texture samples from pole figures. III. Relationship between the ODF f(g) and the reduced ODF f'(g) 1-25191
- Matthies, S. On the reproducibility of the orientation distribution function of texture samples from pole figures. IV. Reproduction methods 1-53200
- Matthies, S. see Mucklich, A. 1-31487
- Matthias, P., Scheffner, D., Benninger, Chr., Lipinski, Chr., Stolz, L. Changes in the background activity of the electroencephalogram according to age 1-26890
- Matthys, D.R. see Huth, W.A. 1-6535
- Matthys, P. see Van Steen, F. 1-43004
- Mattiasson, K. Numerical results from large deflection beam and frame problems analysed by means of elliptic integrals 1-29548
- Mattie, M.G. see Lichy, D.E. 1-27322
- Mattig see Armstrong 1-10254
- Mattig, P. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Mattig, P. see Costa, G. 1-23516
- Mattig, P. see Di Gennaro, V. 1-5660
- Mattig, W., Kneer, F. Sunspot chromospheres and their relation to the chromospheres of late main sequence stars 1-36240
- Mattig, W. see Kneer, F.J. 1-22758
- Mattila, K., Torisera, M. U Orionis 1-36302
- Mattila, K., Toriseva, M. OH 205.1-14.1 1-36378
- Mattila, L. see Kervinen, T. 1-23752
- Mattila, L. see Miettinen, J. 1-50812
- Mattioli, M. see Federici, L. 1-29240
- Mattioli, N. see Bassanini, P. 1-42172
- Mattis, D.C. see Gallardo, J. 1-18173
- Mattis, D.C. see Pena, R.E. 1-47552
- Mattis, R.L. see Thurber, W.R. 1-12107, 1-20769
- Mattison, E.M., Blomberg, E.L., Nystrom, G.U., Vessot, R.F.C. Design, construction and testing of a small passive hydrogen maser 1-19312
- Mattison, E.M. see Vessot, R.F.C. 1-19310, 1-27855
- Mattogno, G. see Andreocci, M.V. 1-24192, 1-46019
- Mattogno, G. see Burger, K. 1-30956
- Mattos, S.K., Saxena, Y.C., Sekar, A.N. Fake double layers in double plasma devices 1-34120
- Mattos, S.K. see Venkataramani, N. 1-7006, 1-15617, 1-38158
- Mattox, D.M., Mullendore, A.W., Whitley, J.B., Pierson, H.O. Thermal-shock- and fatigue-resistant coatings for magnetically confined fusion environments 1-20267
- Mattox, D.M. see Mullendore, A.W. 1-23849
- Mattox, D.M. see Partlow, D.P. 1-42609
- Matts, V. see Andreeff, A. 1-52532
- Mattsson, E. Corrosion of copper and brass: practical experience in relation to basic data 1-12918
- Mattsson, S. see Ahlgren, L. 1-43960
- Mattsson, S. see Azuma, R.E. 1-14498
- Mattsson, S. see Ewan, G.T. 1-36929
- Mattsson, S. see Johansson, L. 1-43954
- Mattuck, R.D. Non-locality in Bohm-Bub's hidden variable theory of the Einstein-Podolsky-Rosen paradox 1-40673
- Matty, R.R. see Strickland, J.H. 1-1991
- Matuda, K. see Fukui, T. 1-3896
- Matukhin, V.L., Safin, I.A., Shampai, V.F. Nuclear quadrupole resonance of ⁹³Nb in ternary phases based on the compound Nb₃Al 1-12423
- Matukhin, V.L., Safin, I.A., Shamrai, V.F. Investigation of nuclear relaxation in Nb₃X compounds by the method of nuclear quadrupole resonance of ⁹³Nb 1-26075
- Matulonis, A. Current density in graded-gap crystals during electron warming 1-42783
- Matulonis, A., Pozela, J., Starikov, E. EMF of hot electrons in graded-gap crystal 1-20758
- Matulis, A., Cenys, A. Low-frequency fluctuations in current filamentary specimens 1-16323
- Matulis, A., Chenis, A. Influence of a magnetic field on transit resonance in semiconductors having highly inelastic carrier scattering 1-2966
- Matulis, A. see Chenis, A. 1-52571
- Matulka, G. see Woollam, J.A. 1-42679
- Matumoto, K. see Kakazu, K. 1-33156
- Matusevich, P.A. see Volod'ko, L.V. 1-53758
- Matuska, D.A. see Bless, S.J. 1-39452
- Matusuo, T., Esashi, M. Field effect transistor type chemical sensor and its application 1-21819
- Matura, N. see Wakai, N. 1-40301
- Matuzenko, G.S. see Simonov, Yu.A. 1-20177
- Matveenko, A.V. see Geiman, K.I. 1-3139
- Matveenko, G.V. Transformation of a wave front at the interface between two media and seismic interpretation of transformations 1-13408
- Matveenko, L.I. Bright H₂O maser source in Orion A 1-54649
- Matveenko, L.I., Kogan, L.R., Chesalin, L.S., Kostenko, V.I., Papatsenko, A.H., Kopelyanskii, G.D., Moiseev, I.G., Efanov, V.A., Sorochenko, R.L. Radiointerferometer Crimea—Puschchino 1-17893
- Matveenko, L.I. see Baath, L.B. 1-54655
- Matveets, Yu.A. see Kryukov, P.G. 1-4248
- Matveetz, Yu.A. see Kryukov, P.G. 1-35752
- Matveev, A.K. see Grachev, A.I. 1-13515, 1-44240
- Matveev, A.V., Karpov, V.A., Konstantinov, V.I. Effect of test specimen dimensions on the tensile strength of TF3 glass 1-24466
- Matveev, A.Z. see Andreev, N.F. 1-41770
- Matveev, B.A., Rogachev, A.A., Stus', N.M., Talalakin, G.N. Crystals with a radially symmetric virtual lattice 1-34269
- Matveev, I.N. see Andreev, S.A. 1-51557
- Matveev, I.N. see Iskenderov, N.A. 1-33057, 1-33752
- Matveev, O.A. see Agrinskaya, N.V. 1-20742
- Matveev, O.A. see Arkad'eva, E.N. 1-30765
- Matveev, O.A. see Ponomarev, V.S. 1-48762
- Matveev, S.K. see Kuz'mina, V.E. 1-42065
- Matveev, S.V., Privalov, P.L. Microcalorimetric investigation of melting of ribosomal 16S RNA from E. coli 1-17350
- Matveev, V.A., Slepchenko, L.A., Tavkhelidze, A.N. Anomalous dimension quark counting at large transferred momenta in QCD 1-50389
- Matveev, V.A. see Grinev, V.I. 1-30805
- Matveev, V.A. see Krasnikov, N.V. 1-18370, 1-36824
- Matveev, V.I. see Belov, S.P. 1-28639
- Matveev, V.M. see Kadomtseva, A.M. 1-12380
- Matveev, V.V. see Fedoseev, D.V. 1-43662
- Matveev, Yu.A., Mordkovich, V.N., Petrov, N.A. Characteristics of the interaction of low-energy ions with the surface of a semiconductor 1-31266
- Matveev, Yu.A. see Glezer, A.M. 1-8406
- Matveeva, E.N., Panebratseva, Y.A., Rikhtvitsky, S.V., Stavitsky, V.A., Zhi'tsova, L.Y. Measurement of timing properties of the fluorescence fast component from plastic scintillators 1-28806
- Matveeva, L.A. see Tulina, N.A. 1-30895
- Matveeva, R.G., Ilyukhin, V.V., Varfolomeev, M.B., Belov, N.V. Crystal structure of calcium perhenate dihydrate Ca(ReO₄)₂·2H₂O 1-42361
- Matveevskii, V.R. Digital microdisplacements transducers with intermediate phase-shift conversion 1-18214

- Matveyev, V.A. Development and design of mechanical gyro elements 1-27965
- Matviichuk, K.S. Mathematical description of the states of Bose and Fermi systems by the method of partial density matrices of the canonical ensemble 1-14064
- Matyas, M., Barta, C. Magnetic anisotropy of Hg_2Cl_2 single crystals 1-52746
- Matyas, M., Horak, J., Klubickova, B. Some physical properties of n-type BiTeBr single crystals 1-20772
- Matyash, I.V. see Brick, A.B. 1-30910
- Matija, H. see Dmowski, W. 1-25174
- Matija, H. see Kulik, T. 1-35316
- Matyl, R.J., Uhlmann, D.R., Koutsky, J.A. Structure of glassy polymers. VII. Small-angle X-ray scattering from epoxy resins 1-2346
- Matylla, S. see Kranska, J. 1-39763
- Matysiak, S. A plane contact problem in the linear theory of piezoelectroelasticity 1-29631
- Matysiak, S. see Bielski, W. 1-31091
- Matyugin, Yu.A. see Zakhar'yash, V.F. 1-33666
- Matyuk, V.F. see Mel'guy, M.A. 1-39578
- Matyukhin, D.G. see Kasherininov, P.G. 1-20806, 1-25811
- Matyukhin, Yu.G. see Dvornikov, V.M. 1-36139
- Matyukhin, N.I. see Kostyko, O.S. 1-16963
- Matyushin, A.T. see Askenin, V.D. 1-18662
- Matyushin, G.A. see Lebdeva, E.P. 1-4109
- Matyushin, V.T. see Gorbun, A.N. 1-38603
- Matyushin, V.M. see Askenin, V.D. 1-18662
- Matyushin, E.V. see Dokashenko, V.P. 1-31130
- Matyushkina, K.L. see Krasnov, Yu.K. 1-2728
- Matyushkina, L.V., Shukhman, V.A. Response of a superconductor to external currents lower than the critical value, and a new possibility to determine effective resistance in the mixed state 1-20930
- Matz, R., Luth, H. Conduction-band surface plasmons in the electron-energy-loss spectrum of $\text{GaAs}(110)$ 1-48202
- Matz, W. see Andreff, A. 1-20684
- Matzen, M.K. see McLean, E.A. 1-7004
- Matzeu, M. see Panatta, A. 1-33623
- Matzie, R.A. see Liu, Y. 1-5854
- Matzie, R.A. see Sider, F.M. 1-785
- Matzke, M. Unfolding by least-squares methods: SAND-II. STAYSL 1-50985
- Matzner, R.A. On observations of the cosmic radiation background 1-44675
- Matzner, R.A., Zamorano, N.A. Imaginary-frequency interior modes of black holes 1-9561
- Matzner, R.A. see Handler, F.A. 1-23078
- Mau, N.Vinh see Vinh Mau, N.
- Mau Hsiung Chen, Crasemann, B., Mark, H. Relativistic radiationless transition probabilities for atomic K- and L-shells 1-17945
- Mau Hsiung Chen see Brown, G.S. 1-24094
- Mau-chung Chang, Houghton, A. Correction to scaling amplitude ratios for the superfluid transition in ^4He 1-42597
- Maubert, L. see Manaranche, J.C. 1-778
- Maublanc, M. De see De Maublanc, M.
- Maublant, J., Meignan, M., Veyre, A., Meyniel, G. Automatic construction of pulmonary functional images 1-53861
- Maucherat-Joubert, M. see Prevot, L. 1-13846
- Maucherat-Joubert, M. see Vangioni-Flam, E. 1-13849
- Mauchien, D. A first evaluation of the deadlines met for building and starting up 900 MWe pressurized water nuclear power plants 1-23845
- Mauderly, J.L., Muggenburg, B.A., Hahn, F.F., Boecker, B.B. The effects of inhaled ^{144}Ce on cardiopulmonary function and histopathology of the dog 1-43919
- Maudlin, P.J., Parks, C.V. Generalized sensitivity theory applied to the MELT-111A fast reactor safety code 1-5967
- Maudlin, P.J. see Parks, C.V. 1-45695
- Maudsley, A.A. Multiple-line-scanning spin density imaging 1-18271
- Mauer, F.A. see Piermarini, G.J. 1-34701
- Mauger, A., Godart, C. Metal-insulator transition in Eu rich EuO 1-2874
- Mauger, A. see Godart, C. 1-26217
- Mauger, P., Williams, W.D., Cotts, R.M. The concentration dependence of the diffusion coefficient and the chemical potential of hydrogen atoms in $\alpha\text{-TaH}_3$ and $\alpha\text{-NbH}_3$ 1-20442
- Maughan, D.W., Godt, R.E. A quantitative analysis of elastic, entropic, electrostatic, and osmotic forces within relaxed skinned muscle fibers 1-49023
- Maugin, G.A. see Pouget, J. 1-24571
- Maugis, D. Creep, hot hardness and sintering in the adhesion of metals at high temperature 1-26714
- Maugis, D., Barquins, M. Adhesive contact of a conical punch on an elastic half-space 1-41988
- Maugis, D., Barquins, M. Adhesive contact of a conical punch on an elastic half-space 1-46715
- Mauk, B.H., McPherron, R.L. An experimental test of the electromagnetic ion cyclotron instability within the Earth's magnetosphere 1-13646
- Mauk, F.J. see Christensen, D.H. 1-53995
- Mauk, P. see Woo, S.B. 1-37280
- Maul, J.L. How to make the most of the SIMS method by means of the scanning ion microscope A-DIDA 1-28122
- Maunau, A. see Mendolia, J. 1-5320
- Maurakh, M.A. see Krivoshein, D.A. 1-39297
- Maurel, E. see Lapujoulade, J. 1-38652, 1-48214
- Maurel, J. see Bayle, M. 1-15737
- Maurenzig, P.R. see Bizzetti, P.G. 1-5690
- Maurer, A., Boltcher, W., Kopineck, H.J. Vorzugorientierungen kaltgewalzter Bänder im Verlauf des Walzprozesses (Preferred orientation of cold rolling bands during rolling processes) [measurement instrument] 1-21689
- Maurer, E. see Gomez-Polledo, R. 1-25753
- Maurer, H. see Oppenorth, H.J. 1-4719
- Maurer, J., Libchaber, A. Effect of the Prandtl number on the onset of turbulence in liquid ^4He 1-16123
- Maurer, K., Schafer, E., Leitner, H. The effect of varying stimulus polarity (rarefaction VS. condensation) on early auditory evoked potentials (EAEPs) 1-49081
- Maurer, M., Cadeville, M.C. Short range order in dilute FeSbT alloys ($\text{T}=\text{Ni}, \text{Co}, \text{Cr}$) investigated by zero field NMR at ^{121}Sb and ^{59}Co nuclei 1-52850
- Maurer, M. see Friedt, J.M. 1-25680
- Maurer, R.D. Glass research for optical waveguides 1-29361
- Maurer, R.D. see Helfinstine, J.D. 1-11138
- Maurette, M. see Dran, J.C. 1-41186
- Mauri, M. see Attisani, A. 1-22377
- Maurice, E. see Arderberg, A. 1-22800
- Maurice, F. see Henoc, J. 1-17138
- Maurier, M. see Adam, M. 1-23909
- Maurin, A.F. see Toropov, Yu.S. 1-31399
- Maurin, G. see Barranco Luque, M. 1-14745
- Maurin, G. see Calvetti, M. 1-14778
- Maurin, M. see Del Buechia, S. 1-30154
- Maurin, M. see Jumas, J.C. 1-30155
- Maurin, K. see Avramia, R. 1-29015
- Mauritz, K. see West, P. 1-44884
- Mauritz, K.A., Gray, C.L., Lowry, S.R., Komoroski, R.A. Ionic structural transitions in perfluorosulfonate ionomers 1-38249
- Maurizio, D. see Borreani, G. 1-50461
- Mauro, C. Di see Di Mauro, C.
- Mauro, F. see Arcangeli, G. 1-17459
- Mauro, J. see Bhatia, R. 1-10466
- Mauro, J.J. see Lind, K.E. 1-6027
- Mauro, P.A. see Lim, T.K. 1-171
- Maurty, A., Crow, J.E., Mihailis, T. Kondo effect in the presence of crystalline electric field - $\text{Ce}(\text{In}, \text{Sn})_2$ 1-25722
- Maurty, F., Gleizes, A., Galy, J. $[\text{ZnNi}(\text{S}_2\text{C}_2\text{O}_2)_2 \cdot (2+x)\text{H}_2\text{O}]_x$ ($x=0.08$), a non-stoichiometric infinite metal chain - a case of paramagnetism related to non-stoichiometry 1-25207
- Maurty, F., Lucasson, A., Lucasson, P., Le Hericy, J., Vajda, P., Dimitrov, C., Dimitrov, O. Interstitial trapping by Ni, Ag, in impurities in electron irradiated copper 1-52179
- Maurty, L., Bardet, L., Brunel, R., Vienne, R. Raman spectra of angle crystals of potassium fumarate dihydrate, $\text{K}_2\text{H}_2\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ 1-48076
- Maurty, L. see Vienne, R. 1-2392
- Maurty, S. see Burg, J.P. 1-23912
- Maus, E.G. see Rao, S.N. 1-50841
- Mausner, W. see Dallas, W.J. 1-10930
- Mavaddat, R. see Hinckley, S. 1-42422
- Mavashov, Yu.Z. see Shcherbina, D.M. 1-27988
- Mavko, G.M. Velocity and attenuation in partially molten rocks 1-22250
- Mavrides, S. see Biraud, F. 1-32778
- Mavrikov, P.A. see Vol'kenshtein, I.A. 1-359
- Mavrin, B.N. Classification of translational and orientational vibrations in crystals 1-42480
- Mavrin, B.N., Mel'nik, N.N., Sterin, K.H.E. Pre-resonance multiphonon Raman scattering of light and phonon replicas of LO vibrations of $\alpha\text{-GaSe}$ crystal 1-21208
- Mavrin, B.N. see Denisov, V.N. 1-8065, 1-8070
- Mavrin, B.N. see Varshal, B.G. 1-52950
- Mavrodineanu, R., Baldwin, J.R. Metal-on-quartz filters as a standard reference material for spectrophotometry - SRM 2031 1-6642
- Mavromichalaki, H. see Xanthakis, J. 1-54334
- Mavroyannis, C. Photon density-density correlations in a system of two interacting atoms 1-1303
- Mavroyannis, C. Photon density-density correlation spectrum of a three-level atom at high photon densities 1-51429
- Mavroyannis, C., Sharma, M.P. Cooperative two-photon resonance fluorescence of a three-level atom 1-1165
- Mavroyannis, C. see Sharma, M.P. 1-19048
- Maw Jong Wang see Beck, S.R. 1-35669
- Mawardi, O.K. On a novel scheme for the generation of megagauss fields 1-33022
- Mawgood, A.A. see Abdel Wahab, S.M. 1-44393
- Mawira, A. Microwave thermal emission of rain 1-44237
- Mawira, A. Statistics of rain rates, some worst-month considerations 1-54158
- Max, C.E., McKee, C.F., Mead, W.C. A model for laser driven ablative implosions 1-2214
- Maxant, J. Variation of density with rock type, depth, and formation in the Western Canada basin from density logs 1-9123
- Maxim, P. see Lupu, D. 1-20652
- Maximon, L.C., Gimm, H.A. Pair production in the field of atomic electrons 1-24101
- Maxwell, C.J., Teper, M.J. A 'confinement safe' charge measure for QCD jets 1-14353
- Maxwell, E. see Zimmerman, G.O. 1-16448
- Maxwell, H.R., Jr. see Knolle, W.R. 1-3378, 1-20580
- Maxwell, J. see Smith, G. 1-26896
- Maxwell, J.A., Renninger, G.H. On the theory of synchronization of lateral optic-nerve responses in Limulus. I. Uniform excitation of the homogeneous retina 1-39914
- Maxwell, J.A., Renninger, G.H. On the theory of synchronization of lateral optic-nerve responses in Limulus. II. Nonuniform excitation and inhomogeneous inhibition 1-39915
- Maxwell, M.A. see Yee, A.F. 1-35352
- Maxwell, O.V., Weise, W. Meson-baryon dynamics and the $pp \rightarrow d\pi^+$ reaction. II. Polarization parameters 1-18573
- Maxwell, O.V., Weise, W., Brack, M. Meson-baryon dynamics and the $pp \rightarrow d\pi^+$ reaction. I. Total and differential cross sections 1-18572
- Maxwell, R.B. see Stone, G.F. 1-18920
- Maxwell, T.T. see Kurstedt, H.A., Jr. 1-35599
- Maxwell, T.T. see Nilmani, M. 1-51845
- May, A.D. see Ghaem-Maghani, V. 1-2139
- May, D.N., Osman, M.M. The performance of sound absorptive, reflective, and T-profile noise barriers in Toronto 1-1769
- May, D.N., Osman, M.M. Highway noise barriers: new shapes 1-1770
- May, D.N. see Andrew, C. 1-1768
- May, D.N. see Behar, A. 1-1766, 1-1767
- May, E.N. see Ambats, I. 1-1026
- May, F.R. see Fraundorf, S. 1-10300
- May, G.A. see Soma, M. 1-32313
- May, G.J. see Tan, S.R. 1-43511
- May, G.W. see Kuehl, D. 1-36728
- May, I.L. see Le May, I.
- May, J. Resistance measurement during inductive liquid phase sintering 1-3657
- May, J. see Euler, K.-J. 1-31383
- May, L. see Dobbs, C.R. 1-53439
- May, M. see Jonathan, J.M. 1-50200
- May, M. see Jonathan, J.M.C. 1-28091
- May, P.M., Williams, D.R. Metal ligand complexing in biological systems 1-12966
- May, R.A., Yoshimura, H.R., Romsberg, L.E., Joseph, B.J. Analysis and model testing of a Super Tiger type B waste transport system in accident environments 1-41208
- May, R.S., Hanan, N.A., Rhodes, E., Fink, C.L., DeVolpi, A. Experimental validation of method for predicting fast-neutron hodoscope performance 1-5965
- May, R.S., Kujawski, E., Gunnison, F.E. Self-shielding considerations for the DCT-1 test 1-28721
- May, R.W., Dreimanis, A., Stankowski, W. Quantitative evaluation of clastic fabrics within the Catfish Creek Till, Bradville, Ontario 1-35979
- May, V., Rosler, J. On the influence of the polarization effect on excitonic molecules 1-30644
- May, V. see Ruckmann, I. 1-26229
- Mayall, E.J. see Guillebaud, E.J. 1-53937
- Mayanna, S.M. see Dinanpan, R.K. 1-16978
- Mayaux, G. see Aymar, R. 1-46909
- Mayaux, G. see Desportes, H. 1-45791
- Mayer, A.E., Lightowers, E.C. Evidence for an excited hole state of donor bound excitons in germanium and a parity selection rule 1-3457
- Mayer, A.E., Lightowers, E.C. Even parity excited donor states in germanium from bound exciton two-electron transitions 1-48143
- Mayer, C. see Choffee, B. 1-35694
- Mayer, C.H. see Johnston, K.J. 1-49196
- Mayer, C.W. see Zuppiroli, L. 1-38767
- Mayer, D., Ulyrch, B. Solution of the plane and space stationary electrical and magnetic fields 1-1431
- Mayer, D.H. Ruelle-Araki transfer operator in classical statistical mechanics 1-44720
- Mayer, E. see Bruggeller, P. 1-25409
- Mayer, E. see Mattei, J. 1-44569, 1-54511
- Mayer, E.H. see Akyuz Mattei, J. 1-27534
- Mayer, E.H. see Mattei, J.A. 1-32713
- Mayer, F.J. see Alhorn, B. 1-51809
- Mayer, F.J. see Spencer, J.N. 1-10724
- Mayer, H., Noack, E.M. Effect of the snow cover on the net radiation budget in the Munich area 1-27234
- Mayer, H. see Hochel, J. 1-23837
- Mayer, H.M. see Niedermeyer, H. 1-25040
- Mayer, I., Angelov, S.A. EHF description of superexchange: relations to Anderson's model 1-12278
- Mayer, I., Gedalia, I., Laufer, B. X-ray powder diffraction identification of crystal phases with superimposed lines by their selective crystallization 1-29994
- Mayer, I. see Van Eijck, B.P. 1-24280
- Mayer, J.W. see Cheung, N.W. 1-47129
- Mayer, J.W. see Colgan, E.G. 1-38679
- Mayer, J.W. see Grunthaner, P.J. 1-16192

- Mayer, J.W. *see* Hirvonen, J.K. 1-11775
 Mayer, J.W. *see* Hung, L.S. 1-38677
 Mayer, J.W. *see* Lau, S.S. 1-47415
 Mayer, J.W. *see* Petrotius, R. 1-3958
 Mayer, J.W. *see* Tsaur, B.Y. 1-15838, 1-16275, 1-52160
 Mayer, L.A. *see* Tyce, R.C. 1-11233
 Mayer, M., Vohringer, D., Macherauch, E. The grain size dependence of mobile dislocation density in copper alloys at the onset of the Portevin-Le Chatelier effect 1-21552
 Mayer, M. *see* Ramsayer, V.K. 1-40043
 Mayer, M.E. Geometric aspects of gauge theory 1-5456
 Mayer, M.E. Symmetry breaking in gauge theories (geometric aspects) 1-45106
 Mayer, M.L. *see* Brown, J.R. 1-49173
 Mayer, P. Increasing periods of AH Cep and V382 Cyg 1-40530
 Mayer, P., Manolescu, A.V. Influence of hydrogen chloride on corrosion of boiler steels in synthetic flue gas 1-16957
 Mayer, R.M. Nucleation and growth of voids by radiation. IV. Void growth under electron irradiation 1-15888
 Mayer, R.M. Nucleation and growth of voids by radiation. V. Role of gas 1-20184
 Mayer, R.M. Nucleation and growth of voids by radiation. VII. Correlation of charged particle and neutron irradiations 1-20186
 Mayer, R.M., Brown, L.M. Nucleation and growth of voids by radiation. Preface to a series of seven papers 1-15887
 Mayer, R.M., Brown, L.M. Nucleation and growth of voids by radiation. I. Formulation of the problem 1-20181
 Mayer, R.M., Brown, L.M. Nucleation and growth of voids by radiation. II. Differential equations 1-20182
 Mayer, R.M., Brown, L.M. Nucleation and growth of voids by radiation. VI. Role of alloying atoms 1-20185
 Mayer, R.M. *see* Gosele, U. 1-20183
 Mayer, W., Rehm, K.E., Korner, H.J., Mayer, W., Muller, E., Oelrich, J., Scheerer, H.J., Segel, R.E., Sperr, P., Wagner, W. Spectroscopy of neutron-rich nuclei produced in ^{14}C induced reactions on ^{48}Ca 1-18567
 Mayer, W. *see* Mayer, W. 1-18567
 Mayer, W. *see* Sperr, P. 1-18677
 Mayer, W.G., Ngoc, T.D.K. Optical method for measurement of ultrasonic reflection from solid plates 1-41931
 Mayer-Boriche, C. *see* Kohler, M. 1-10590
 Mayer-Hasselwanger, H.A. *see* Bignami, G.F. 1-36429
 Mayer-Hasselwanger, H.A. *see* Caraveo, P.A. 1-22865
 Mayer-Hasselwanger, H.H. *see* Kanbach, G. 1-13792
 Mayer-Kress, G., Haken, H. Intermittent behavior of the logistic system 1-50052
 Mayerle, J.J. *see* Torrance, J.B. 1-25734, 1-42335
 Mayers, D.F. *see* Grant, I.P. 1-28881
 Mayers, J. *see* West, R.N. 1-50229
 Mayes, B.W. *see* Hofsteezer, J.H. 1-41142
 Mayeva, O.I. *see* Dmitruk, N.I. 1-38848
 Mayewski, P.A. *see* Butler, D. 1-44214
 Mayfield, E.G. *see* Teske, R.G. 1-40444
 Mayfield, G. *see* Nishiyama, H. 1-53913
 Mayhall, D.J., Eckard, R.D. Computer code determination of tolerable accel current and voltage limits during startup of an 80 kV MFTF sustaining neutral beam source 1-6022
 Mayhew, M.A., Johnson, B.D., Langel, R.A. An equivalent source model of the satellite-altitude magnetic anomaly field over Australia 1-22193
 Mayhew, M.A. *see* Langel, R.A. 1-40049
 Mayhew, L.T. *see* Doshi, P.K. 1-45602
 Maykut, G. *see* Baker, D.J., Jr. 1-13562
 Maynard, C.W. *see* George, D.C. 1-50966
 Maynard, J.B. Sulfur isotopes of iron sulfides in Devonian-Mississippian shales of the Appalachian Basin: control by rate of sedimentation 1-32388
 Maynard, N.C., Aggson, T.L., Heppner, J.P. Magnetospheric observation of large sub-auroral electric fields 1-36106
 Maynard, R. *see* Riess, J. 1-16400
 Maynard, S.D. *see* Young, R.E. 1-49177
 Mayne, H.R. *see* Barg, G.-D. 1-48658
 Mayneord, W.V., Wheatley, B.M. Nuclear power: putting the risks into perspective 1-45738
 Mayo, C.W., Zigler, G.L. Emergency response diagnostics 1-18828
 Mayo, J.W. *see* Landgrebe, A.R. 1-53586
 Mayo, R. *see* Morgan, T.J. 1-1322
 Mayo, S. *see* Lucatorto, T.B. 1-6570
 Mayo, S.K., Wickramasinghe, D.T., Whelan, J.A.J. Theory and observations of the optical continuum and line spectra of accretion discs around white dwarfs 1-27497
 Mayo, W.E., Tsakalakos, T. The influence of elastic strain energy on the formation of coherent hexagonal phases 1-21451
 Mayo, W.T., Jr. *see* Abbiss, J.B. 1-46419
 Mayo Greenberg, J. Focusing in on particle shape 1-6473
 Mayor, M., Acker, A. Radial velocity curve, and radius of the pulsating star FG Sge 1-27511
 Mayor, M., Griffin, R.F. A spectroscopic orbit for HR 6626 1-22836
 Mayor, M. *see* Benz, W. 1-36191
 Mayor, M. *see* Burki, G. 1-17840, 1-22816, 1-32702
 Mayor, M. *see* Lucke, P.B. 1-27555
 Mayorga, L.S. *see* Jauregui, E.A. 1-53749
 Mayorga, R.A.R. *see* Cohen, R.J. 1-13839
 Mayoud, M. Global analytic treatment of terrestrial photogrammetric networks 1-49181
 Mayr, H.G. *see* Brinton, H.C. 1-36205
 Mayr, P. *see* Pohl, K. 1-25284
 Mayrhofer, O. *see* Feustel, J.E. 1-26848
 Mays, L.E., Sparks, D.L. Saccades are spatially, not retinocentrically, coded 1-8855
 Maystre, D., Laude, J.P., Gacoin, P., Lepere, D., Priou, J.P. Gratings for tunable lasers. Using multielectric coatings to improve their efficiency 1-6563
 Maystre, D. *see* Blik, P. 1-46542
 Maystre, D. *see* Blik, P.J. 1-8694
 Maystre, D. *see* Roger, A. 1-1489, 1-41571
 Maystrenko, A.L. *see* Novikov, N.V. 1-47152
 Mayurnikov, A.V., Kukulskaya, O.I., Tinyaev, V.G. Characteristics of retained austenite transformation during tempering hardened cast irons with spheroidal graphite 1-48343
 Mayya, Y.S. *see* Dua, S.K. 1-21792
 Maza, J. Supernova in NGC 1316 1-27544
 Maza, J. Supernova in anonymous galaxy 1-32716
 Maza, J. Supernova in NGC 5090 1-49698
 Mazaki, H. *see* Kurakado, M. 1-16410
 Mazaki, H. *see* Mukoyama, T. 1-45460
 Mazaki, H. *see* Takabatake, T. 1-16393
 Mazakova, M. *see* Todorov, T. 1-51409
 Mazalov, L.N., Yumatov, V.D., Dolenko, G.N. Structure of the molecular orbitals in organic phosphates and polyphosphates 1-33390
 Mazalov, L.N. *see* Kondratenev, A.V. 1-6276, 1-24058, 1-41397
 Mazalov, L.N. *see* Murakhtanov, V.V. 1-28893
 Mazalov, Yu.P. *see* Papkovich, V.G. 1-51001
 Mazandarany, F.N. *see* Asher, J.A. 1-53580
 Mazandarany, F.N. *see* Browall, K.W. 1-53607
 Mazanec, K. *see* Hyspecka, L. 1-21543
 Mazanec, K. *see* Tyrdy, M. 1-12768
 Mazanets, K. *see* Paguta, P. 1-48388
 Mazan'ko, B.V. *see* Shevchenko, N.G. 1-626
 Mazan'ko, I.P. *see* Abramov, A.P. 1-42245
 Mazan'ko, I.P. *see* Abramov, V.P. 1-41662
 Mazany, T., Lerman, J.C., Long, A. Carbon-13 in tree-ring cellulose as an indicator of past climates 1-9239
 Mazaud, A. *see* Schulz, H.J. 1-38879
 Mazavin, S.M. *see* Belov, A.V. 1-6674
 Mazavin, S.M. *see* Devyatikh, G.G. 1-33782
 Maze, G., Faure, A., Ripoch, J. Ultrasonic wave scattering by cylinders immersed in water 1-24559
 Maze, G. *see* Izbecki, J.-L. 1-24570
 Mazeau, C. *see* Devallette, M. 1-52113
 Mazeh, T., Leibowitz, E.M., Lahav, O., Sheffer, Y. SS 433 1-13777
 Mazel', R.E., Shtrpanina, R.B., Kuznetsov, G.P., Grinenks, V.G. The influence of hydrogen on the tendency of 15KhMFA steel toward brittle failure at increased temperatures 1-35369
 Mazenko, G.F., Hirsch, J.E., Nolan, M.J., Valls, O.T. Real-space dynamic renormalization group. III. Calculation of correlation functions 1-42978
 Mazenko, G.F., Nolan, M.J., Valls, O.T. Real-space dynamic renormalization group. I. General formalism 1-3200
 Mazenko, G.F., Nolan, M.J., Valls, O.T. Real-space dynamic renormalization group. II. Simple examples 1-3201
 Mazer, J.A. *see* Lindholm, F.A. 1-8724
 Mazeron, P. *see* Guillot, M. 1-35920
 Mazess, R.B. *see* Stalp, J.T. 1-26991
 Mazet, P.R. *see* Sandall, O.C. 1-19692
 Mazet, R. On the rate of martensite due to deformation in an austenitic Fe-Ni-C alloy when subjected to a traction at constant velocity 1-43334
 Mazet, R. *see* Habashi, M. 1-3823
 Mazets, E.P., Golenskiy, S.V., Aptekar', R.L., Gur'yan, Yu.A., Il'inskiy, V.N. Lines in gamma-burst energy spectra 1-22929
 Mazets, E.P., Golenskiy, S.V., Aptekar', R.L., Gur'yan, Yu.A., Il'inskiy, V.N. Galactic origin of cosmic gamma-ray bursts 1-13796
 Mazets, E.P., Golenskiy, S.V., Il'inskiy, V.N., Panov, V.N., Aptekar', R.L., Gur'yan, Yu.A., Sokolov, I.A., Sokolova, Z.Ya., Kharimono, T.V. Investigation of cosmic γ bursts in the Konus experiment 1-9731
 Mazets, Ye.P. *see* Kur'yan, Yu.A. 1-22556
 Mazey, D.J. *see* Johnson, P.B. 1-25333
 Mazhbiich, B.L., Roifman, M.D. Viscoelastic properties of human arteries relaxed by counter-pressure 1-32170
 Maziasz, P.J. Helium trapping at Ti-rich MC particles in neutron-irradiated type 316+Ti stainless steel 1-25330
 Mazid, M.A. *see* Leadbetter, A.J. 1-2411
 Mazighi, R. *see* Hansen, J.P. 1-40706
 Mazilev, K.A. *see* Alkhazov, G.D. 1-45464
 Mazilu, D. *see* Poenaru, D.N. 1-18606
 Mazin, I.I. *see* Uspenskii, Yu.A. 1-2950
 Mazitov, R.K. A simple model of the collective motion of charged particles 1-19861
 Mazmanishvili, A.S., Mocheshnikov, N.I., Repintsev, L.V., Fedotov, I.F. Transverse electron oscillation swinging in an accumulator 1-989
 Mazmanyants, A.P. *see* Britan, A.B. 1-19778
 Maznichenko, A.F. *see* Kulish, N.R. 1-21229
 Maznik, S.M., Kulik, I.O., Kharadze, G.A. DC Josephson effect and quantum interference in $^3\text{He-A}$ 1-30508
 Mazo, R.M. On the Brownian motion of a frequency-modulated oscillator 1-40712
 Mazor, E. *see* Nadler, A. 1-4547
 Mazov, L.S. *see* Andronov, A.A. 1-25740, 1-25743, 1-30755, 1-42782
 Mazukrak, Z. *see* Ryba-Romanowski, W. 1-26380
 Mazumdar, H.S. *see* Devgan, D.P. 1-18221
 Mazumdar, J., Hill, D., Clements, D.L. Thermally induced vibrations of a viscoelastic plate 1-24733
 Mazumder, M.K., Hiller, F.C., Ware, R.E., Wilson, J.D., McLeod, P.C. Laser Doppler techniques for sizing particulate pollutants and therapeutic aerosols 1-43841
 Mazur, A., Pollmann, J., Schmeits, M. Overlay systems: suitable samples for probing hetero-junction interface properties 1-42852
 Mazur, A., Pollmann, J., Schmeits, M. Electronic structure of segregated Ge-(110)GaAs overlayer systems 1-52628
 Mazur, A. *see* Pollmann, J. 1-7697
 Mazur, E. *see* Van Den Hout, K.D. 1-28985
 Mazur, J. *see* Reneker, D.H. 1-11683
 Mazur, M.M. *see* Levin, V.M. 1-3366
 Mazur, P. Limits to life at low temperatures and at reduced water contents and water activities 1-8824
 Mazur, P., Bedeaux, D. An electrothermal instability in a conducting wire: Homogeneous and inhomogeneous stationary states for an exactly solvable model 1-42733
 Mazur, P., Maradudin, A.A. Effects of surface roughness on the van der Waals force between macroscopic bodies. II. Two rough surfaces 1-43082
 Mazur, P. *see* Maradudin, A.A. 1-8025
 Mazur, P. *see* Sengers, J.V. 1-23138
 Mazur, P.O. *see* Carroll, A.S. 1-14372, 1-28803
 Mazur, V.A. *see* Ivanov, S.D. 1-24961
 Mazur, V.M. *see* Gurevich, G.M. 1-28463
 Mazurak, L.P. *see* Delyavskii, M.V. 1-33932
 Mazurczyk, V.J. Sensitivity of single mode buried heterostructure lasers to reflected power at 274 Mbit/s 1-37495
 Mazure, A., Goldbach, Cl., Nollze, G. Model microfield method. Recent applications to Stark broadening of neutral lines 1-37152
 Mazure, A. *see* Capelato, H.V. 1-22902
 Mazurek, P. *see* Mikolajczak, P. 1-306
 Mazurek, T.J. H II bubbles and disruption of molecular clouds 1-13829
 Mazurenko, Yu.T. Dynamics of electronic spectra of solutions. Stochastic theory. Photoluminescence spectra 1-33408
 Mazurier, A. *see* Rysanek, N. 1-30152
 Mazurik, B.I., Koshelev, V.A. Digital linearization method for platinum resistance-thermometer response 1-5311
 Mazurik, N.E. *see* Amirov, Yu.Ya. 1-23979
 Mazurin, O.V. *see* Aver'yanov, V.I. 1-39327
 Mazurin, O.V. *see* Fridkin, R.Z. 1-41943
 Mazurov, A.I. *see* Baikin, I.A. 1-39993
 Mazurov, I.B. *see* Dukhanov, V.I. 1-1012
 Mazza, F., Sivieri, E., Cristina Reggiani, R., Musinelli, G.L. Corrosion of metallic materials in high temperature and concentrated sulphuric acid 1-39546
 Mazzafiero, R. *see* Landry, D.J. 1-32315
 Mazzanti, M. *see* Armstrong, T. 1-10606
 Mazzanti, P., Odorico, R. Effects of QCD multi-fermion contributions in electron-positron annihilation 1-574
 Mazzanti, P., Odorico, R. A Monte Carlo program for QCD event simulation in e^+e^- annihilation at LEP energies 1-28333
 Mazzanti, P., Odorico, R., Roberto, V. On recent evidence for higher-twist effects in semi-inclusive deep-inelastic neutrino scattering 1-33172
 Mazzei, P. *see* Mastrullo, R. 1-8671
 Mazzenga, G. *see* Battistoni, G. 1-14757
 Mazzetti, P. *see* Celaso, M. 1-30842
 Mazzocchi, P.H. *see* Rowan, R., III 1-1264
 Mazzolai, F.M., Bordini, P.G., Lewis, F.A. Elastic energy dissipation effects in the palladium-hydrogen system 1-20312
 Mazzolai, F.M., Bordini, P.G., Lewis, F.A. Elastic energy dissipation effects in $\alpha+\beta$ and β phase composition ranges of the palladium-hydrogen system 1-42460
 Mazzoldi, P. *see* Bonora, P.L. 1-21650
 Mazzoldi, P. *see* Carnera, A. 1-2544
 Mazzoleni, F. *see* Buffoni, L. 1-9347
 Mazzone, G. *see* Cannata, R. 1-42338

- Mazzoni, M. *see* Cantu, A.M. 1-51175
 Mazzoni, M. *see* Pettini, M. 1-51173
 Mazzucato, E., Bassalco, B., Hasinoff, M.D., Marks, T., Poutissou, J.M., Salomon, M. Energy distributions of photons in the $^{12}\text{C}(\pi^+, 2\gamma)$ reaction 1-14556
 Mazzucato, E. *see* Barnes, C.W. 1-34106
 Mazzucato, E. *see* Doane, J.L. 1-51989
 Mazzucato, E. *see* Meservy, E.B. 1-24992
 Mazzucato, E. *see* Owens, D.K. 1-25073
 Mazzucato, M., Pennino, D., Aguilar-Benitez, M., Armenteros, R., Dionisi, C., Gavillet, P., Losty, M., Lloverre, P.F., Blokzijl, R., Jongejans, B., Kluyver, J.C., Engelen, J., Kittel, W.K., Metzger, W., Van De Walle, R., Foster, B., Grossman, P., Wells, J. $\Sigma(1320)$ and $\Sigma(1530)$ production in K $^+ \pi^+$ at 4.2 GeV/c 1-50462
 Mazzucato, M. *see* Aguilar-Benitez, M. 1-5646, 1-23517
 Mazzucato, M. *see* Lloverre, P.F. 1-18511, 1-18512
 Mbpom, E.W. *see* Hutton, V.R. 1-40060
 Mbaw, C.M., Laplace, D., Cohen-Solal, G.W. Experimental measurements of optical constants of thin films 1-31217
 Md Khairuzzaman, A.E. *see* Duorah, H.L. 1-9363
 Mdivani, V.N. *see* Alferov, Zh.I. 1-1578
 Mea, G. Della *see* Della Mea, G.
 Meaburn, J., Walsh, J.R. Complex flows in the outer regions of NGC 6302. II 1-13840
 Meaburn, J., Walsh, J.R. High velocities in the interstellar complex of M17 (NGC 6618). New observations and possible mechanisms 1-40544
 Meaburn, J. *see* Canto, J. 1-27594
 Meachum, T.R. *see* Good, R.R. 1-14678
 Mead, D.J. *see* Hooker, R.J. 1-33938
 Mead, G.D. *see* Langel, R.A. 1-17557
 Mead, G.D. *see* Stern, D.P. 1-35932
 Mead, H.E. *see* Bradley, W.L. 1-43522
 Mead, J. *see* Goldstein, D. 1-22028
 Mead, R.D. *see* Jones, P.L. 1-24195
 Mead, W.C. *see* Campbell, E.M. 1-41228
 Mead, W.C. *see* Max, C.E. 1-2214
 Mead, W.L. *see* Mendez Amaya, A. 1-1170
 Mead, W.T. *see* Balta-Calleja, F.J. 1-48497
 Meade, D. *see* Owens, D.K. 1-25073
 Meador, J.S. *see* Pickett, D.F. 1-53603
 Meador, R.W., Carson, T.G., McKay, H.S., Collins, W.L., Kral, A.H. Surry Unit 2 steam generator replacement 1-50711
 Meadors, J.G. *see* Peake, W.H. 1-39187
 Meadowcroft, D.B. *see* Taylor, M.R. 1-35432
 Meadows, A.J. Links between meteorites and asteroids 1-36234
 Meadows, A.J. *see* Browne, G.C. 1-22719
 Meadows, A.J. *see* Butterworth, P.S. 1-9410
 Meadows, A.J. *see* Henderson-Sellers, A. 1-4800
 Meadows, B.T. *see* Chung, S.U. 1-41066
 Meadows, B.T. *see* Gottesman, S.R. 1-10260
 Meadows, G.E. *see* McCown, G.J. 1-18726
 Meadows, J.W., Smith, D.L., Winkler, G. A high-current deuterium gas target for neutron nuclear data research 1-18938
 Meadows, J.W. *see* Smith, D.L. 1-702, 1-703, 1-45584
 Meadows, J.W. *see* Winkler, G. 1-701
 Menkin, G., Allington, R. Automated high performance liquid chromatography 1-13049
 Meekins, R.J. *see* Driver, R. 1-39505
 Meeney, T.F., Weinstein, M.A., Buonocore, E., Pavlicek, W., Borkowski, G.P., Gallagher, J.H., Sukfa, B., MacIntyre, W.J. Digital subtraction angiography of the human cardiovascular system 1-43989
 Meanley, S. *see* van Noort, R. 1-49026
 Measday, D. *see* Bardin, G. 1-45469
 Measday, D. *see* Suzuki, T. 1-6353
 Mease, K.F. *see* Fymat, A.L. 1-37411
 Measures, R.M., Cardinal, P.G. Laser ionization based on resonance saturation - a simple model description 1-45918
 Measures, R.M., Cardinal, P.G., Wizinowich, P. Efficient and rapid coupling of laser radiation to a gaseous medium through resonance saturation 1-42190
 Measures, R.M., Giliberto, M., Kwong, H.S. Development of a dedicated laser trace element monitor 1-43729
 Meath, W.J. *see* Jhanwar, B.L. 1-33509, 1-51244
 Meath, W.J. *see* Mulder, F. 1-10622
 Meath, W.J. *see* Thomas, G.F. 1-29073
 Meath, W.J. *see* Watanabe, K. 1-41517
 Meats, R.J. Long times to breakdown in SF₆ 1-14977
 Mebed, M.M., Gaffar, M.A., Saknidy, S. Thermal properties of KNO₃ crystals in the temperature range 350-700K 1-2721
 Mebhoul, M. *see* Grossmann, A. 1-93
 Mechtel, F., Kiesewetter, N. A sound absorber made of plastic foils 1-46601
 Mechoso, C.R. Baroclinic instability of flows along sloping boundaries 1-22414
 Mecke, K., Blochwitz, C. Internal displacements of persistent slip bands in cyclically deformed nickel single crystals 1-7181
 Mecking, B. *see* Arends, J. 1-23642, 1-41097
 Mecking, B. *see* McKeown, R.D. 1-28499
 Mecking, H. Deformation of polycrystals 1-31578
 Mecking, H., Estrin, Y. The effect of vacancy generation on plastic deformation 1-2556
 Mecking, H., Grinberg, A. Discussion on the development of a stage of steady-state flow at large strains 1-12842
 Mecking, H. *see* Kocks, U.F. 1-12846
 Mecking, H. *see* Nicklas, B. 1-12847
 Mecklenburg, W. *see* Martin, P.P. 1-23444
 Mecsek, A. *see* Morlin, Z. 1-2424
 Medani, A. *see* Bacri, J. 1-1395, 1-1396
 Medeiros, J.A. Scanning of solid state nuclear track detectors with an optical microscope. A simple technique to get reproducible results for the surface-distribution of tracks 1-45786
 Medeiros, J.R. *see* Aarons, J. 1-27338
 Medeiros, R.T. *see* Aarons, J. 1-27338
 Medeiros-Filho, F.C., Joyasuriya, D.A.R., Cole, R.S. Spectral density of amplitude scintillations on a 55 GHz line of sight link 1-36024
 Meder, M. *see* Borutta, H. 1-28022
 Medesani, A. *see* Grigoros, S. 1-1113
 Medilino, M., Rote, D., Bernhardt, P.A. Preliminary report on the HEAO hole in the ionosphere 1-17723
 Medina, E.G. *see* Lee, D.M. 1-18970
 Medina, F.D. Collision-induced light scattering from fluid methane: temperature dependence of the low frequency decay constants 1-39114
 Medina, F.D. High pressure cell for far-infrared absorption studies up to 10 kbar at temperatures from 300 to 10K 1-40878
 Medina, M., Ramirez, F. Detection of salinity from Landsat data 1-9302
 Medina, R. *see* Parra, R.E. 1-25932
 Medina-Noyola, M., McQuarrie, D. On the interaction of spherical double layers 1-35539
 Medley, J.B., Strong, A.B., Pilliar, R.M., Wong, E.W. The breakdown of fluid film lubrication in elastic-isoviscous point contacts 1-39471
 Medley, S. *see* Meservy, E.B. 1-24992
 Mednel, J.M., Habibi-Ashrafi, F. A survey of approaches to solving inverse problems for lossless layered media systems 1-9102
 Mednick, K., Kleinman, L. Self-consistent Al (111) film calculations 1-34759
 Mednick, K. *see* Grise, W.R. 1-2915
 Mednick, K. *see* Kleinman, L. 1-2864
 Mednikov, A.K. *see* Zazubovich, S.G. 1-8101
 Medoide, T. *see* Schindler, K. 1-33709
 Medovay, B.L., Saenko, V.A. The behavior of macrocoilers in a metallic melt 1-26447
 Medovay, B.L. *see* Paton, B.E. 1-31505
 Medovay, B.L. *see* Yrkevich, V.E. 1-31099
 Medsker, L.R. *see* Mateja, J.F. 1-33268
 Medved, A.V. *see* Gulyaev, Yu.V. 1-29501
 Medved, D., Keating, J. Hybridized multichannel optical receivers 1-3400
 Medvedev, A.F. *see* Nikitin, M.M. 1-10896, 1-51355
 Medvedev, E.M., Lavrentev, F.F., Kurmanova, T.M. On the nature of the effect of low temperature thermocycling on the yield stress of austenitic stainless steels 1-26574
 Medvedev, M.G. Some spectral characteristic features of optimal stability problems for shells of varying thickness 1-29581
 Medvedev, M.V. Spin waves in disordered antiferromagnets with short-range atomic ordering 1-3163
 Medvedev, M.V. Spin wave spectrum in a random lattice model of a two-component amorphous ferromagnet 1-52765
 Medvedev, N. *see* Kidin, N. 1-19988
 Medvedev, N.N., Naberukhin, Yu.I. Modelling of the radial distribution function of the hard-sphere liquid in a quasi-crystalline model 1-42280
 Medvedev, P.B. *see* Arefeva, I.Ya. 1-50329
 Medvedev, R.V. *see* Turchaninov, I.A. 1-32636
 Medvedev, S.Yu., Muzychuk, O.V. Effect of non-linear damping on the probability characteristics of stochastic systems 1-44841
 Medvedev, S.Yu. *see* Opachko, I.I. 1-1140
 Medvedev, V.A. *see* Agranovich, Ya.S. 1-15378
 Medvedev, V.A. *see* Efimov, M.E. 1-48719
 Medvedev, V.I. *see* Dakhno, L.G. 1-40995
 Medvedev, V.K., Pogoreli, V.N. Magnesium adsorption on the (112) face of tungsten crystal 1-7475
 Medvedev, V.N., Skvortsov, A.P. Stark effect in f-f spectra of YAlO₃:Tm³⁺ crystals 1-35076
 Medvedev, Yu.A., Metelkin, E.V. Electromagnetic fields excited by neutrons in air 1-37395
 Medvedev, Yu.A. *see* Vagin, Yu.P. 1-24348
 Medvedev, Yu.R. *see* Glazkov, V.I. 1-53374
 Medvedev, Yu.V. *see* Katanukhin, V.K. 1-14138
 Medvedeva, I.V. *see* Grazhdankina, N.P. 1-20978, 1-30942
 Medvedeva, L.I. Exchange anisotropy effect in alloys of manganese-rhodium system 1-3178
 Medvedeva, L.I. The interrelation of anomalous behaviour of magnetization and electrical resistance temperature dependence with ordering processes in alloys of manganese-rhodium system 1-52543
 Medvedkin, G.A., Rud', Yu.V. Photoelectric properties of CdSnP₂-CdP₂ heterojunctions 1-3057
 Medvedovskii, L.I., Stariznyi, E.S., Cherkashin, V.A., Rudoi, V.A., Stepanova, K.I. Mathematical model for calculating fission products concentration and energy release in circulating nuclear fuel 1-28526
 Medway, K. *see* Mattei, J. 1-54511
 Medwin, H., Novarini, J.C. Backscattering strength and the range dependence of sound scattered from the ocean surface 1-37669
 Medyuk, N.V. *see* Zhuravlev, Yu.A. 1-15364
 Medyuk, R.M. *see* Dzyadykevich, Yu.V. 1-53537
 Medzhitova, Z.D. *see* Grin, V.P. 1-22248
 Mee Thompson, A. Wet and dry removal of tropospheric formaldehyde at a coastal site 1-36047
 Meehan, C. *see* Barron, L.D. 1-24286
 Meehan, T. *see* Becker, J.F. 1-39893
 Meek, C.E. An efficient method for analysing ionospheric drifts data 1-27300
 Meek, C.E., Manson, A.H. Use of the full polarization measurement in the partial reflection experiment 1-40264
 Meek, C.E. *see* Halboutis, C.I. 1-27335
 Meek, C.E. *see* Manson, A.H. 1-40241
 Meek, G.A. An automatic pumping conversion for the Philips EM-200 1-388
 Meek, J.T., Jones, R.K., Reilly, J.P. Photoelectron energy distribution following UV laser ionization of gas phase benzene 1-1290
 Meek, J.T. *see* Nadasan, A. 1-45507
 Meeker, T.R. A review of the new IEEE standard on piezoelectricity 1-16530
 Meeker, T.R. Extension, flexure, and shear modes in rotated X-cut quartz rectangular bars 1-21133
 Meekins, J. *see* Skinner, G.K. 1-17906
 Meekins, J. *see* Ulmer, M.P. 1-54640
 Meekins, J.F. *see* Mufson, S.L. 1-36381
 Meeks, J., Wahlborg, A., McGlynn, S.P. Photoelectron spectroscopy of carbonyls/benzoic acid and its derivatives 1-7253
 Meera Rao, Srivastava, O.N. Band gap determination in lead iodide polycrystals 1-7519
 Meerbaum, S. *see* Feldstein, C. 1-40032
 Meerovich, G.A. *see* Bazhenov, S.L. 1-33695
 Meerschaut, A. *see* Roucau, C. 1-38360
 Meerson, B.I., Sasorov, P.V. Highly excited atoms in an intense low-frequency electromagnetic radiation field 1-28895
 Meerson, B.I., Sasorov, P.V., Shklyar, D.R. Non-linear theory of satellite instability of plasma waves 1-2496
 Meerson, E.E. *see* Gritsenko, V.A. 1-38861
 Meerts, W.L. *see* Ozier, L. 1-45986
 Meerts, W.L. *see* Topping, T. 1-37221
 Meerts, W.L. *see* van den Heuvel, F.C. 1-37202
 Meerwall, E.D. *see* von Meerwall, E.D.
 Meerwall, E.D. *see* von Meerwall, E.D.
 Meester, P.de *see* De Meester, P.
 Meester, P.de *see* De Meester, P.
 Meetz, K. Finite energy solutions for interacting Yang-Mills and Dirac fields on Minkowski space 1-10090
 Mees, J. Theoretical dichotomy of Venus, 1960-2000 1-22706
 Mees, J. Total penumbral lunar eclipses 1-49544
 Mees, J. *see* G'offin, E. 1-54412
 Meuwissen, T.P.M. *see* Brongersma, H.H. 1-1731
 Meffroy, J. On the solving of the Hill's differential equation through the method of operational calculus 1-22691
 Megahed, M. *see* Simpson, H.C. 1-51850
 Megaloudis, G. *see* Prance, R.J. 1-42914
 Megaloudis, G. *see* Widom, A. 1-42915
 Megen, W. *see* van Megen, W.
 Megen, W. *see* van Megen, W.
 Megen, W. *see* van Megen, W.
 Megerman, J., Hanel, K., L'Italien, G., Strauss, H., Abbott, W. Evaluation of blood vessel damage by imaging with In-111-labeled platelets 1-17491
 Meggitt, B.T., Parker, E.H.C., King, R.M., Grange, J.D. Electrical and structural properties of InAs layers on (100)GaAs substrates prepared by molecular beam deposition 1-3081
 Megie, G. *see* Cahen, C. 1-36074
 Megie, G. *see* Jope, J.-P. 1-36091
 Megtert, S., Comas, R., Pynn, R., Vettier, C., Garito, A.F. Neutron scattering study of TTF-TCNQ under hydrostatic pressure up to 5 kbar 1-42369
 Megtert, S., Vettier, C., Comas, R., Pynn, R., Garito, A.F. The effect of pressure on the modulated phases of TTF-TCNQ 1-7332
 Meguro, T. *see* Takigawa, T. 1-26354
 Mehaffey, J.R. *see* Kukier, R.I. 1-38217, 1-38218, 1-51892
 Mehaffy, D. *see* Carlson, T.A. 1-29038
 Mehandzhiev, D. *see* Angelov, S. 1-7814
 Mehdian, H. *see* Willett, J.E. 1-34068
 Mehendru, P.C., Agrawal, J.P., Jain, K. Effect of humidity on high temperature dielectric relaxations in polycarbonate thin films 1-3328

- Mebondra, P.C.**, Agrawal, J.P., Jain, K. Molecular motions in X-irradiated polycarbonate films 1-8566
- Mebondra, P.C.**, Radhakrishnan, S., Kamalasanan, M.N. Electrical, photoconducting and electrophotographic properties of lead oxide 1-18321
- Mehl, J.** Radiation exposure control of nuclear power plant personnel in the Federal Republic of Germany 1-28730
- Mehl, M.J.** Comment on 'Retarded van der Waals force near a metal surface' 1-12164
- Mehl, M.J.**, Schaich, W.L. The Van der Waals interaction between an atom and a solid 1-8183
- Mehlhorn, T.A.**, Dunderstadt, J.J. A discrete ordinates solution of the Fokker-Planck equation characterizing charged particle transport 1-6933
- Mehlkopf, A.F.** see Bax, A. 1-14154
- Mehlman, G.** see LaVilla, R.E. 1-28903
- Mehr, D.** see Schiller, S. 1-12653
- Mehra, M.**, Subbarao, E.C., Kapur, P.C., Hasegawa, R. Anomalous behaviour of amorphous Fe-B alloys 1-11682
- Mehra, R.M.**, Agarwal, S.C., Rani, S., Shyam, R., Agarwal, S.K., Mathur, P.C. Electrical transport in amorphous TeSe_{1-x} films 1-2969
- Mehra, R.M.**, Agarwal, S.C., Rani, S., Shyam, R., Mathur, P.C. Magnetoresistance measurements in as-evaporated and annealed amorphous silicon films 1-52585
- Mehra, R.M.** see Singh, P.K. 1-26177
- Mehrabian, R.** see Levi, C.G. 1-3721
- Mehran, F.**, Stevens, K.W.H., Plaskett, T.S., Fitzpatrick, W.J. Exchange and dipolar interactions in PrVO_2Gd 1-12398
- Mehrotra, B.N.**, Tangri, K. High temperature (600-800°C) thermally activated deformation behaviour of α -Zircaloy-4 oxygen alloys 1-3821
- Mehrotra, K.N.**, Dixit, J.P. On thermal resistivity of alkali metals 1-16270
- Mehrotra, K.N.**, Tambay, R.G., Srivastava, C.K. On Debye-Waller factors of molybdenum and niobium 1-42498
- Mehrotra, P.N.** see Reddy, V.B. 1-15885
- Mehrotra, S.N.** see Khanna, K.M. 1-11928
- Mehrotra, V.** Optical and electrical properties of chalcogenide glasses in As-Ge-S and As-Ge-Se systems 1-3387
- Mehs, D.M.**, Niemczyk, T.M. Excitation temperatures in the hollow cathode discharge 1-42219
- Mehta, A.S.**, Tiwari, M.C., Machwe, V.G. An empirical generalized relation on decay of CaS phosphors 1-31181
- Mehta, C.L.** see Kumar, S. 1-9865
- Mehta, C.L.** see Mukunda, N. 1-162
- Mehta, G.D.** see Jain, S.C. 1-53676
- Mehta, G.K.** see Sharma, S.C.L. 1-23971, 1-50667
- Mehta, M.K.** see Ram, N. 1-47130
- Mehta, M.L.** Normal coordinate treatment of $[\text{AsF}_6]^-$ 1-24115
- Mehta, R.V.**, Shah, H.S., Bhagat, J.B., Bhagat, D.M. Magnetically induced extinction in a particulate system 1-8044
- Mehta, R.V.** see Bhagat, D.M. 1-10916
- Mehta, S.K.** see Goswami, K.N. 1-47225
- Meh-tier, R.R.** see Abdrhmanov, E.O. 1-722
- Mei, C.** see Prathap, G. 1-1857
- Mei, C.C.**, Tuck, E.O. Forward scattering by long thin bodies 1-51794
- Mei, C.C.** see Serman, D.D. 1-43739
- Mei, K.K.** see Yeh, C. 1-10928
- Mei Chiang C.** see Chiang C. Mei
- Mei Wenlin** see Tan Zhicheng 1-39501
- Mei Wu** see Wu Mei
- Mei-Chang Kuo**, Gibbons, W.A. Nuclear Overhauser effect and cross-relaxation rate determinations of dihedral and transannular interproton distances in the decapeptide tyrocidine A 1-13212
- Mei-man Zhang** see Zhang Mei-man
- Meiboom, S.**, Sammon, M. Molecular orientation of monomolecular liquid crystal layers on various substrates 1-38275
- Meic, Z.**, Gusten, H. Vibrational studies of trans-stilbenes. II. Infrared and Raman spectra of fluorinated trans-stilbenes 1-31151
- Meidan, R.** On the connection between ordinary and generalized stochastic processes 1-27873
- Meidenbauer, R.H.** see Weissberger, M.A. 1-9237
- Meier, D.J.** Statistical thermodynamics of block copolymers: network statistics 1-33583
- Meier, D.L.** see Ulrich, M.H. 1-22915
- Meier, F.** see Erbudak, M. 1-47468
- Meier, F.** see Perenboom, J.A.A.J. 1-34912
- Meier, G.** see Fehrenbach, W. 1-34
- Meier, G.H.**, Pettit, F.S. Characterization of coating degradation microstructures and correlation with test and use conditions 1-30595
- Meier, H.U.** see Cebeci, T. 1-1939
- Meier, K.** see Zacharias, H. 1-39660
- Meier, P.F.** see Hintermann, A. 1-22975
- Meier, R.** Comet Meier (1980q) 1-9431
- Meier, R.**, Tae-Kyu Ha A theoretical study of the electronic structure of disiloxane $[(\text{SiH}_2)_2\text{O}]$ and its relation to silicates 1-14813
- Meier, R.R.** Comparison of solar backscatter and interstellar absorption measurements of the ISM 1-27579
- Meier, R.R.** A study of partial frequency redistribution of monochromatic source radiation 1-33618
- Meier, R.R.** see Anderson, D.E., Jr. 1-44354
- Meier, R.R.** see Jong-Sen Lee 1-9352
- Meier, R.R.** see Strobel, D.F. 1-22614
- Meier, V.A.** see Ponomarev, V.S. 1-48762
- Meier, W.R.** see Pitts, J.H. 1-10541
- Meierovich, A.E.** see Bashkin, E.P. 1-7409
- Meierovich, B.E.** Hydrodynamics of a plasma in the channel of a strong current 1-11534
- Meierovich, B.E.** Hydrodynamics of plasma in a dense pinch 1-51974
- Meierovich, B.E.** see Lifshitz, I.M. 1-3581
- Meighan, R.M.** Method of selecting expanded metal grids for battery electrodes 1-17191
- Meignan, M.** see Maublant, J. 1-53861
- Meijdenberg, C.J.N.** van den see van den Meijdenberg, C.J.N.
- Meijer, C.H.**, Gill, W.J. Operational aids to improve the man-machine interaction in a nuclear power plant 1-28651
- Meijer, E.** see Lang, D.V. 1-20656
- Meijer, G.C.M.** see De Haan, G. 1-23232
- Meijer, H.D.F.** see Weerheijm, H. 1-40769
- Meijer, R.J.** de see De Meijer, R.J.
- Meijer, R.J.** de see De Meijer, R.J.
- Meijering, J.L.** Thermodynamic analysis and synthesis of phase diagrams 1-43320
- Meijuan Gao** see Gao Meijuan
- Meikle, W.P.S.** see Treves, A. 1-49720
- Meiklyar, P.V.** see Duglav, L.N. 1-28105
- Meikrantz, D.H.** see Baker, J.D. 1-28411
- Mein, P.** see Martres, M.-J. 1-54449
- Mein Sieng Wei** see Bruch, L.W. 1-25570
- Meindl, J.D.** see Gerzberg, L. 1-6741, 1-6742
- Meindl, J.D.** see Lu, N.C.C. 1-42876
- Meindl, J.D.** see Wildi, E. 1-8930
- Meineri, W.D.**, Heikler, W.J., Hempill, B.T., Hill, F.P., Jr., Flenner, P.D., Hughes, D.R., Jenkins, R.B., Kennedy, D.M. PWR feedwater pipe cracking: an overview of Combustion Engineering activities 1-50766
- Meiners, E.P.** see Snell, A.H. 1-22987
- Meinhold, M.** see Barfuss, H. 1-3310
- Meinzer, R.A.** Developments on gasdynamic lasers 1-37455
- Meire, H.B.** see Wood, C.P.L. 1-35845
- Meire, R.** A contribution to the stability of the triangular points in the elliptic restricted three-body problem 1-40317
- Meire, R.** The stability of the triangular points in the elliptic restricted problem 1-40322
- Meirhaeghe, R.L.** Van see Van Meirhaeghe, R.L.
- Meiri, A.Z.** see Hadani, I. 1-13246
- Meiron, D.I.** see Baker, G.R. 1-1917
- Meirs, M.** see Pascaru, L. 1-23191
- Meirsman, J.D.** see De Meirsman, J.
- Meisalo, V.P.J.**, Kalliomaki, M.S. Structural information and its reliability in high pressure X-ray diffraction data 1-29953
- Meisel, A.** see Finster, J. 1-21823
- Meisel, D.** see Niedermeyer, H. 1-25040
- Meisel, H.**, Johner, G., Scholz, A. Metallographic development of the structure of nickel based alloys 1-17014
- Meisels, G.G.**, Tacheng Hsieh, Gilman, J.P. Ion fragmentation from noninterconverting electronic states 1-12990
- Meisels, G.G.** see Tacheng Hsieh 1-14203
- Meisenhelder, J.** see Bates, J. 1-53157
- Meissner, J.S.**, Allen, K.S., Penney, B.C., Jundanian, R.H., Wheeler, H.B., Peura, R.A. An in vitro evaluation of the fluid filled oculoplethysmograph 1-13342
- Meissner, L.B.**, Khadzhinski, N.G. Calculation of magnitude and frequency dispersion of quadratic nonlinear susceptibility in crystals with the sphalerite, wurtzite, and chalcopyrite structures 1-1625
- Meissburger, J.** see Kohler, M. 1-10590
- Meissburger, J.** see Sachtariadis, E.J. 1-50469
- Meissner, G.** see Yamazaki, Y. 1-36577
- Meissner, H.** see Ritger, A.J. 1-12235
- Meissner, J.**, Staackmann, K. Dose-response relationships after incorporation of β -active radionuclides by mycobacteria 1-44001
- Meissner, M.**, Spitzmann, K. Experimental evidence on time-dependent specific heat in vitreous silica 1-42547
- Meissner, M.** see Engeln, I. 1-52310
- Meissner, P.** see Lengyel, G. 1-41696
- Meister, G.** The taut wire system—a highly accurate true-curve or straightness standard for precise linearity measurement control 1-23173
- Meister, H.** see Bastie, P. 1-52902
- Meister, R.**, Robertson, E.C., Werre, R.W., Raspet, R. Elastic moduli of rock glasses under pressure to 8 kilobars and geophysical implications 1-27156
- Meister, R.** see Lagakos, N. 1-37611
- Meistrich, M.L.** see Lu, C.C. 1-22077
- Meitlis, I.** see French, R.L. 1-53649
- Meixler, L.D.** PDX Thomson scattering electronics 1-6005
- Meixner, F.X.** see Georgii, H.-W. 1-44249
- Mejdahl, V.** see Botter-Jensen, L. 1-10607
- Mejhan, T.** see Cosse, C. 1-33466
- Mejer, J.** A method of determining metrological values in radioisotope absorption measuring systems 1-24003
- Mejias, P.M.**, Duran, A. Diffraction of light by ultrasound with random ultrasonic intensity 1-6446
- Mekenyan, O.**, Bonchev, D., Trinajstić, N. Chemical graph theory: modeling the thermodynamic properties of molecules 1-4117
- Mekhnannikov, A.I.** see Kiparenko, V.I. 1-291
- Mekhnannikov, A.I.** see Selezneva, T.R. 1-23261
- Mekhtiev, M.A.** Acceptor band theory of $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ 1-47530
- Mekhtiev, R.R.** see Baatar, Ts. 1-18655
- Mekkaden, M.V.** see Parthasarathy, M. 1-40521
- Mekki, O.M.** El see El Mekki, O.M.
- Mela, G.S.** see Bianco, B. 1-53951
- Melacci, P.T.** see Bucciarelli, T. 1-41934
- Melamad, M.** see Cullen, J.R. 1-20297
- Melander, A.** The influence of the work hardening rate on ductile fracture 1-21566
- Melander, A.** The influence of the strain rate sensitivity of ductile fracture 1-43504
- Melander, A.**, Husby, K.-O. Influence of the strain rate sensitivity on diffuse necking in tensile tests 1-26557
- Melander, A.**, Jansson, B. The strength of dispersion and precipitation hardened alloys 1-21459
- Melander, A.**, Stahlberg, U. The effect of void size and distribution on ductile fracture 1-1887
- Melander, A.** see Lehtinen, B. 1-4026
- Melbin, J.**, Riffle, R., Noordergraaf, A. Nonlinear analysis of shear distribution; effect of cross sectional shape and axial taper 1-17448
- Melbin, J.** see Li, J.K.-J. 1-49031
- Melbourne, W.G.** see Fanselow, J.L. 1-49195
- Melchard, G.** see Breskin, A. 1-23958
- Melchard, G.** see Petersen, G. 1-14756
- Mel'chenko, V.S.** see Bokova, N.A. 1-19879
- Melcher, C.L.** Thermoluminescence of meteorites and their orbits 1-40433
- Melcher, C.L.** see Sears, D.W. 1-9440
- Melcher, R.L.** Thermocoustic detection of electron paramagnetic resonance 1-36711
- Melchior, H.J.** see Bijl, G.K. 1-27015
- Meldizon, A.** see Maczka, D. 1-6975
- Meldrum, S.J.** see Macpherson, P.C. 1-22095
- Mele, E.J.**, Ritsko, J.J. Low frequency plasmon spectra in stage I and stage II FeCl_2 intercalated graphite 1-47522
- Mele, E.J.** see Ritsko, J.J. 1-48207
- Mele, E.J.** see Vanderbilt, D. 1-20610
- Melchy, M.A.** On direct conversion of sunlight to electricity 1-17213
- Melekh, B.T.** see Andreev, A.A. 1-3028
- Melekh, B.T.** see Seregin, P.P. 1-42321
- Melekhin, V.N.** see Manenkov, A.B. 1-11121
- Melekhin, V.N.** see Zakharov, M.A. 1-975
- Melekhov, R.K.**, Krutson, A.M., Azbukin, V.G., Pavlov, V.N. Effect of polarization on the susceptibility of steel 07Kh16N4B to corrosion cracking in an alkaline solution 1-31750
- Melekhov, R.K.** see Azbukin, V.G. 1-35442
- Melekhov, R.K.** see Vasilenko, I.I. 1-53350
- Meles, H.P.**, Wieser, H.G. Estimating the dimensionality of epileptic seizures 1-32281
- Melése-d'Hospital, G.** see Dyer, J.L. 1-31992
- Melëshina, A.M.** see Kopytina, M.V. 1-6176
- Melëshina, V.A.**, Bagdasarov, Kh.S., Minuykov, S.A., Batyrev, V.A., Gasparyan, A.G., Zakharov, N.D., Smirnova, V.A. Composition inhomogeneities and types of defects in lithium niobate crystals 1-38545
- Meleshko, A.L.** see Rudnitskii, V.A. 1-48590
- Meleshko, E.A.** see Klimov, A.I. 1-37049, 1-45796
- Meleshko, V.V.** Improved theories for rectangular elastic waveguides 1-24739
- Meleshkov, Yu.S.** see Artamonov, K.I. 1-19673
- Melezhik, A.V.** Electron tunneling between photo-induced paramagnetic centres in melanin pigment 1-39864
- Melezhik, P.N.** see Koshparenok, V.N. 1-19247, 1-21914
- Melezhik, V.S.** see Bakalov, D.D. 1-29151
- Melezhik, V.S.** see Vinitskii, S.I. 1-10876
- Mel'gui, M.A.**, Ivanov, F.D., Matyuk, V.F., Shidlovskaya, E.A., Merkulov, V.A. A local-pulse method of monitoring mechanical parameters for rolled manganese-steel sheet 1-39578
- Melicksetyan, T.E.** see Arutunyan, V.M. 1-46336
- Melik-Alaverdyan, Yu.K.** see Avetisyan, V.Z. 1-22814
- Melik-Barkhudarov, T.K.** On the resonance light pressure 1-51430
- Melik-Shakhnazarov, V.A.** see Bydlinskaya, I.N. 1-2624
- Melikhor, I.V.**, Prokofiev, M.A., Sychev, Yu.N., Sidorov, V.N. Study on liquid inclusions in microcrystals 1-34264
- Melikidze, G.I.**, Pataraya, A.D. Relativistic Landau soliton in the magnetosphere of pulsars 1-36314
- Melikidze, G.I.** see Mamradze, P.G. 1-40515
- Melikan, A.O.** see Kryzhanovskii, B.V. 1-33421

- Melikov, Yu.V., Syutkina, L.N., Tulinov, A.F., Chechenin, N.G., Yuminov, O.A. Life-times of nuclei formed by the bombardment of the ^{235}U nucleus by deuterons 1-5814
- Melikov, Yu.V. *see* Vorotnikov, P.E. 1-45545
- Melikova, Z.D. *see* Guseinov, G.D. 1-47026
- Melikova, Z.D. *see* Rustamov, P.G. 1-38775
- Melikyan, N.D. *see* Kilyachkov, N.N. 1-9521, 1-22813
- Melikyan, S.A. *see* Agababyan, K. 1-28764
- Melin, A. *see* Cockerill, D. 1-14742
- Melin, J. *see* Vasse, R. 1-39621
- Melinon, P. *see* Cabaud, B. 1-6420
- Melioranskii, A.S. *see* Loznikov, V.M. 1-17910
- Melissinos, A. *see* Altkofer, O.C. 1-45773
- Melissinos, A. *see* Bebek, C. 1-33191
- Melissinos, A. *see* LeBritton, J. 1-45299
- Melissinos, A.C. *see* Chadwick, K. 1-33192
- Melissinos, A.C. *see* Youngquist, R. 1-5650
- Melius, C.F. *see* Garrett, B.C. 1-37102
- Mel'nikov, A.F. Parametric model of an aerographic film 1-28099
- Mel'ker, A.I., Kuznetsova, T.E. Two vibration modes in a deformed anharmonic chain of atoms 1-11818
- Mel'ker, A.I., Vasil'ev, A.A. Defect displacement peak annealing modelling taking into account local temperature increases 1-47078
- Melko, L. 'Szilencium' - a new type of individual car protector 1-32262
- Melkonyan, A.S., Olah, K., Oskanyan, A.V., Jr., Oskanyan, V.S. Flare activity of the star BY Dra 1-36293
- Melkumyan, F.S. *see* Radzhabov, T.D. 1-31903
- Mellander, B.-E., Bowling, J.E., Baranowski, B. Phase diagram of silver iodide in the pressure range 2.5-10 kbar and the temperature range 4-330°C 1-12726
- Mellema, J. *see* Oosterbroek, M. 1-52211
- Mellema, J.E. Image processing of regular biological objects 1-40034
- Mellema, J.E. 3D-structure of biological objects by electron microscopy. Methods, results and fidelity 1-53751
- Mellema, J.E. *see* Cremers, A.F.M. 1-43850
- Mellen, R.H. *see* Moffett, M.B. 1-46612
- Mellet, R. *see* Boudou, A. 1-3405
- Melliar-Smith, C.M. Optical fibers and solid state chemistry 1-13969
- Melliar-Smith, C.M. *see* Barns, R.L. 1-11202
- Melling, P.J., Allnatt, A.R. Modelling of leaching and corrosion of glass 1-31700
- Mellingor, P.J., Hoernes, G.R., Brackenbush, L.W., Greenberg, J. ^{85}Kr management trade-offs: radiological consequences 1-5917
- Mellink, J.H. *see* Nijweide, P.J. 1-43910
- Mello, P.A. *see* Flores, J. 1-27724
- Mello, P.A. *see* Friedman, W.A. 1-45488
- Mello, P.C. *see* de Mello, P.C.
- Mel'man, M.M. *see* Nevskii, A.I. 1-11292
- Melman, P. *see* Carlsen, W.J. 1-33814
- Melmed, A.G., Sakurai, T., Kuk, Y., Giavargizov, E.I. Feasibility of ToF atom-probe analysis of silicon 1-53059
- Melngailis, I. Laser sources and detectors for guided wave optical signal processing 1-37634
- Melnichenko, A.I. *see* Chernyi, Yu.F. 1-8304
- Melnichenko, I.M. Prolonging the life of sliding friction pairs 1-12880
- Melnichenko, V.Ya. *see* Pereygin, I.S. 1-1231
- Melnichuk, I.V., Pavlov, R.A., Ashcheulov, A.A., Koroleva, L.P., Rarenko, I.M. Investigation of elastic deformations in CdSb crystals 1-38434
- Melnichuk, O.N. *see* Gudim, L.I. 1-31157, 1-53247
- Melnick, G., Russell, R.W., Gull, G.E., Harwit, M. Far-infrared emission-line and continuum observations of NGC 7027 1-49744
- Melnick, G. *see* Gull, G.E. 1-9621
- Melnick, G. *see* Russell, R.W. 1-4956
- Melnick, J., White, S., Hoessel, J. Photoelectric surface photometry of the Coma cluster 1-9687
- Melnick, N.N. *see* Allakhverdiev, K.R. 1-8073
- Melnik, I.V. *see* Nesterova, Z.V. 1-51560
- Melnik, K.P. *see* Krivonoz, V.M. 1-32177
- Melnik, N.N. *see* Mavrin, B.N. 1-21208
- Melnik, N.N. *see* Vinogradov, E.A. 1-3417, 1-8062
- Melnik, P.V. *see* Koval', I.F. 1-52162
- Melnik, P.V. *see* Krynk, Yu.N. 1-26324
- Melnik, T.S. *see* Vladimirova, T.V. 1-1659
- Melnik, Yu.M. *see* Abramov, V.V. 1-596
- Melnikov, A.A. *see* Litochenko, A.S. 1-26048
- Melnikov, A.M. *see* Duderov, Yu.G. 1-12707
- Melnikov, A.P. *see* Gershenson, E.M. 1-3016
- Melnikov, G.D. *see* Vasilevskaya, V.N. 1-20588
- Melnikov, I.A., Murav'yev, V.B. Installation test of the air-filled manned undersea chamber 'Sprut' under the Arctic drift ice 1-4644
- Melnikov, L.Yu. *see* Kochelap, V.A. 1-41682
- Melnikov, M.Ya. *see* Lipskerova, E.M. 1-17083
- Melnikov, N.S., Razuvaev, E.A., Semenov, V.K. Distribution of coordinates of centers of gravity of electromagnetic showers in hodoscopic spectrometers 1-51064
- Melnikov, O.K. *see* Denks, V.P. 1-31195
- Melnikov, O.K. *see* Maksimov, B.A. 1-25222
- Melnikov, V. *see* Kovalev, V. 1-16073
- Mel'nikov, V.A. *see* Ksenofontova, S.S. 1-7045
- Mel'nikov, V.A. *see* Moskvina, L.N. 1-28712
- Mel'nikov, V.G., Zamyatina, N.I., Yudina, T.F., Alekshonkova, E.A. Electroless deposition of metals on alumina powders 1-53325
- Mel'nikov, V.I. *see* Kup'chenko, V.M. 1-12097, 1-30713
- Mel'nikov, V.K. *see* Liepina, V.E. 1-16072
- Mel'nikov, V.N. *see* Zakhar'ev, B.N. 1-23622
- Melnikova, A.A. *see* Sadovskii, V.D. 1-31498
- Melnikova, E.V. *see* Arkad'eva, E.N. 1-30765
- Melnikova, N.N. *see* Abdrmanov, E.O. 1-722
- Melnikova, O.V. *see* Fedorov, N.F. 1-7103, 1-34972
- Melnikova, T.S., Pikalov, V.V., Preobrazhenskii, N.G. Local diagnostics of an optically dense asymmetric plasma 1-2238
- Melnis, A.E., Knets, I.V., Moorlat, P.A. Deformation behavior of human compact bone tissue upon creep under tensile testing 1-17436
- Melo, S.M., Serra, O.A. Crystal field parameters for Eu(III) in lanthanide perchlorates with hexamethylphosphoramide (HMPA) 1-25677
- Melodie, E.A., Sinityn, B.D., Shamaev, V.S. Investigation range of velocities and pressures in centrifugal sprayer 1-11445
- Melodie, E.A., Sinityn, B.D., Shamaev, V.S. Hydraulic characteristics of swirl injector 1-15528
- Meloni, F. *see* Guizzetti, G. 1-47455
- Meloni, S. *see* Albini, A. 1-35720
- Melosh, H.J. Cratering mechanics - observational, experimental and theoretical 1-13713
- Melosh, H.J. Tectonic patterns on a tidally distorted planet 1-44452
- Melott, A.L. Quasar L_{α} absorbers: are precise conclusions possible? 1-44662
- Melrose, D.B. A plasma-emission mechanism for type I solar radio emission 1-4857
- Melrose, D.B. Radio burst emission mechanisms: general review 1-9466
- Melkert, W. *see* Harman, K.J. 1-39754
- Melton, G.F. *see* Kent, R.A. 1-41224
- Melton, K.N., Mercier, O. Fatigue of NiTi and CuZnAl shape memory alloys 1-31656
- Melton, K.N., Mercier, O. The mechanical properties of NiTi-based shape memory alloys 1-39361
- Melton, K.N. *see* Bricknell, R.H. 1-12744
- Mel'tsin, A.L. Effect of the parameters of the active medium on the stability of the pulsation frequency of an annular laser 1-15154
- Meltzer, J. *see* Bennett, G.W. 1-32191
- Meltzer, R.S., Tickner, E.G., Popp, R.L. Why do the lungs clear ultrasonic contrast? 1-8937
- Meltzer, R.S. *see* Egbert, W.C. 1-30336
- Melville, P.H. Effect of the variation of crack width on the distribution of potential in a stress corrosion crack 1-12920
- Melville, P.H. Variation of potential around a pit 1-16949
- Melville, P.H. Effect of reflected stress waves on the stress intensity factor of an anti-plane strain edge crack during crack propagation and after crack arrest 1-46707
- Melvin, J.G. Electricity/oil substitution 1-26829
- Melov, V.L. *see* Al'tman, V.A. 1-31678, 1-39464
- Memelov, V.V. *see* Berezin, V.M. 1-37057
- Memelova, L.Ya. *see* Dyadin, Yu.V. 1-28713
- Memo, R. *see* Chiaradia, P. 1-8096, 1-52626
- Memming, R. Electron transfer reactions of excited ruthenium(II) complexes at semiconductor electrodes 1-39618
- Memula, N. *see* Richman, M. 1-53903
- Men, A.N., Vorob'ev, Yu.P., Dobrovinskii, R.Yu., Fetisov, V.B., Ulanisov, O. On the application of the method of cluster components in radiation physics of ferrites 1-15926
- Men', A.N. *see* Bogdanovich, M.G. 1-30170
- Men', B.A. Theorem on the partition function of an Ising lattice with arbitrary spin 1-18175
- Menabde, M.G. *see* Buishvili, L.L. 1-12414
- Menaglia, U. *see* Costa, B. 1-11147
- Menard, A. *see* Donati, J.R. 1-48495
- Menard, D. *see* Lefebvre, A. 1-34358
- Menard, H., Dubreuil, B., Grise, M., Giguere, J. Use of a microcomputer for streaming potential technique 1-53506
- Menat, M. Atmospheric phenomena before and during sunset 1-13565
- Menacourt, J., Thomy, A., Duval, X. Thermodynamic properties of an acetylene film adsorbed on graphite: a new interesting example of phase transitions in physisorption 1-30552
- Mencarelli, E. *see* Guegan, F. 1-48393
- Menchaca-Rocha, A. *see* Brandan, M.E. 1-50624
- Mencher, F.M. *see* Young, R.E. 1-4405, 1-49177
- Menchetti, S., Sabelli, C. The crystal structure of kieselbergite, $\text{Sb}_2\text{O}_3(\text{OH})_2\text{SO}_4$ 1-38336
- Menchetti, S., Sabelli, C. Perovskite, $\text{CaSb}_2\text{O}_6(\text{OH})_2(\text{SO}_4)_2 \cdot 2\text{H}_2\text{O}$: its atomic arrangement and twinning 1-42351
- Mencher, Yu.P. *see* Borzhanskaya, V.B. 1-15383
- Mend, J., Vostry, P. Mechanical and electrical measurements in Cu-16 at.% Ti polycrystals 1-43416
- Menczel, G. *see* Kurti, J. 1-31013
- Menczel, J., Wunderlich, B. Phase transitions in mesophase macromolecules. I. Novel behavior in the vitrification of poly(ethylene terephthalate-co-p-oxybenzoate) 1-16028
- Menczel, J. *see* Wunderlich, B. 1-38514
- Mend, W. *see* McCann, D.M. 1-5388
- Mende, G. Detection of mobile ion during the anodic oxidation of silicon 1-16922
- Mende, N.P. *see* Kamalov, I.A. 1-41818
- Mendecki, J., Friedenthal, E., Botstein, C., Paglione, R., Sterzer, F. Microwave applicators for localized hyperthermia treatment of cancer of the prostate 1-43938
- Mendecki, J. *see* Sterzer, F. 1-43937
- Mendel, C.W., Jr., Zagar, D.M., Mills, G.S., Humphries, S., Jr., Goldstein, S.A. Carbon plasma gun. I 1-42186
- Mendel, E. *see* Hause, J.R. 1-8449, 1-12903
- Mendel, E. *see* Holley, B. 1-48535
- Mendelsohn, D.A., Achenbach, J.D., Keer, L.M. Scattering of elastic waves by a surface-breaking crack 1-27796
- Mendelsohn, J., Wohlers, M.R. Digital methods in the design of optical matched filters for target recognition 1-24367
- Mendelsohn, M. *see* Ron, M. 1-21382
- Mendelsohn, M.H., Gruen, D.M. Intermetallic compounds as bulk getters 1-18238
- Mendelsohn, M.H., Gruen, D.M. The effect of group III A and IV A element substitutions (M) on the hydrogen dissociation pressures of $\text{LaNi}_5\text{-M}$ hydrides 1-31855
- Mendelsohn, M.H. *see* Bowman, R.C., Jr. 1-3282
- Mendelson, K.S., Kariotis, F.G. Percolation in two-dimensional, macroscopically anisotropic systems 1-25682
- Mendelson, K.S. *see* Kariotis, F.G. 1-36575
- Menders, J. *see* Diels, J.-C. 1-51530
- Mendez, A. *see* Grifols, J.A. 1-10126
- Mendez, E.E., Chang, C.-A., Chang, L.L., Esaki, L., Pollak, F.H. Electroreflectance study of semiconductor superlattices 1-52916
- Mendez, E.E. *see* Chang, L.L. 1-47735
- Mendez, M. *see* de Mendez, M.
- Mendez, R. *see* Marshall, G. 1-51787
- Mendez, R.H., Lee, P., O'Brien, A., Liller, W. The disappearance of V-V 1-7 and the nature of its central star 1-27583
- Mendez Amaya, A., Mead, W.L., Brenton, A.G., Proctor, C.J., Beynon, J.H. Deconvolution of the effect of apparatus broadening and the kinetic energy spread of the parent ion beam from metastable peak shapes 1-1170
- Mendiguera, J.A. A procedure to resolve areas of different source mechanism when using the method of composite nodal plane solution 1-27069
- Mendillo, M. Use of the Italian satellite program (SIRO) for ionospheric modification studies 1-22572
- Mendiola-Diaz, J. *see* Gomez-Polledo, R. 1-25753
- Mendonio, M. *see* Coffey, C.W., II 1-26990
- Mendonio, O. *see* Urano, M. 1-35836
- Mendiratta, M.G., Lipsitt, H.A. Steady-state creep behaviour of Ti_3Al -base intermetallics 1-31532
- Mendiratta, R.G. *see* Aggarwal, K. 1-20581
- Mendiratta, R.G. *see* Rao, K.H. 1-34710
- Mendis, D.A. *see* Hill, J.R. 1-22717, 1-44496
- Mendis, D.A. *see* Houps, H.L.F. 1-9420, 1-54420
- Mendolia, J., Maunau, A. Welding of copper and stainless steel for cryogenic and vacuum systems 1-5320
- Mendoncia, I. *see* Adam, J.C. 1-51940
- Mendoza, C. Term structure of Mg I calculated in a frozen-cores approximation 1-41310
- Mendoza, E.E. Automatic MK spectral classification. I. Early type stars 1-54397
- Mendoza, Z.T., Stevens, C.A., Ritzman, R.L. Radiation release from the SL-1 accident 1-41194
- Mendoza-Alvarez, J.G., Nunes, F.D., Patel, N.B. Refractive index dependence on free carriers for GaAs 1-3347
- Mendoza-Henandez, A. *see* Halevi, P. 1-41541
- Menz, G., Haneman, D. A new model of spin-dependent resonance at Si surfaces 1-34740
- Meneghetti, D. *see* Grimm, K.N. 1-50719
- Meneghini, R., Cordeiro-Stone, M., Schumacher, R.I. Size and frequency of gaps in newly synthesized DNA of xeroderma pigmentosum human cells irradiated with ultraviolet light 1-32192
- Meneguzzo, A. *see* Fidecaro, G. 1-591
- Menendez, M.G., Rees, J.A., Beatty, E.C. Elastic scattering of electrons in neon 1-37328
- Menendez, M.G. *see* Duncan, M.M. 1-46105
- Menexiadis, G. *see* Leycuras, A. 1-42740
- Menez, R. *see* Drifford, M. 1-39116
- Menezes, C. Novel magnet-cryostat for Hall effect studies at low temperature [on Ge specimens] 1-14126
- Menezes, C. *see* Zelazny-Angel, O. 1-48034
- Menezes, E. *see* Marin, G. 1-51729
- Menezes, O.L.T. *see* de Menezes, O.L.T.
- Menezes, S., DiSalvo, F.J., Miller, B. Photoelectrochemical compatibility of n-WSe₂ and n-MoSe₂ with various redox systems 1-4208

- Meng, R.L. see Chu, C.W. 1-42880
 Meng Weng Tai see Weng Tai Meng
 Meng-Fen Xia see Xia Meng-Fen
 Mengel, F. see Heitmann, W. 1-33816
 Mengkamp, B. Radiation protection regulations for radiometric measuring instruments 1-32263
 Menger, E.M. see van Dijk, P.A.S. 1-18267
 Mengfen Xia see Xia Mengfen
 Mengi, Y. A new approach for developing dynamic theories for structural elements. I. Application to thermoelastic plates 1-15395
 Mengi, Y., Birlik, G., McNiven, H.D. A new approach for developing dynamic theories for structural elements. II. Application to thermoelastic layered composites 1-15396
 Menguy, C. see Bugeat, M. 1-49014
 Menguy, C. see Loth, D. 1-32130
 Menichetti, E. see Barloutaud, R. 1-36885
 Menichetti, E. see Borreani, G. 1-45337, 1-50461
 Menigaux, L. see Carenco, A. 1-11185, 1-37630
 Menikoff, R. see Clark, T.E. 1-23052
 Menil, F. see Demazeau, G. 1-34665
 Menil, F. see Fournes, L. 1-52112
 Menil, F. see Lachter, A. 1-21017
 Menis, O., Rook, H.L., Garn, P.D. (editor) State-of-the-Art of Thermal Analysis. Proceedings of a Workshop 1-13935
 Menke, W.H., Richards, P.G. Crust-mantle whispering gallery phases: a deterministic model of teleseismic P₁ wave propagation 1-22254
 Menkes, H.A. see Kaplan, J. 1-17419
 Menneemann, K. see Mattes, R. 1-34314
 Menner, B. see Blattmann, K.H. 1-6348
 Mennessier, M.O. Near infrared photometry and OH observations of Mira variables. Implications for stellar evolution 1-40486
 Menninger, H. see Beer, M. 1-20220
 Menon, P. see Hubert, Ph. 1-45452
 Menon, E.S.K. see Vohra, Y.K. 1-38449
 Menon, M.M., Tsai, C.C., Schechter, D.E., Ryan, P.M., Barber, G.C., Davis, R.C., Gardner, W.L., Kim, J., Haselton, H.H., Ponte, N.S., Wheaton, J.H., Wright, R.E. Power transmission characteristics of a two-stage multiperture neutral beam source 1-985
 Menon, S. see Gupta, R.N. 1-15509
 Menon, S. see Pai, S.I. 1-2024
 Menon, S.V.G., Sahni, D.C. Treatment of resonance absorption in an infinite homogeneous mixture using Fourier transforms 1-5825
 Menon, T.K. High-frequency structure of Ooty occultation sources. II 1-36418
 Menorval, L.C. De see Menorval, L.C.
 Menoux, V. see Le Doucen, R. 1-10028
 Mensa, D. see Wade, G. 1-53854
 Mentschikova, T.K., Ellert, O.G., Stoyantova, Z.P., Gubskaya, G.F., Povortsev, V.M., Kalinnikov, V.T. Preparation and properties of CuV₂S₄ [Compositional and magnetic properties] 1-43289
 Men'shikov, A.Z., Teplykh, A.E. Magnetic state of disordered γ-NiMnCr alloys 1-30913
 Men'shikov, L.I. see Duman, E.L. 1-28779
 Men'shikov, E.M. see Balashov, I.F. 1-9283
 Mensies, O. see Alblas, B.P. 1-25143
 Messing, P., Fiedler, H. On flow visualization in highly turbulent flow of high Reynolds numbers 1-51890
 Menskii, M.B. see Karmanov, O.Yu. 1-17923, 1-28264
 Mentel, J., Hulsman, H.G. Theoretical investigations of the interaction between gas flow and arc in a double nozzle system 1-15697
 Menteshashvili, Z.R. see Darbaizde, Ya.Z. 1-28326
 Menteshashvili, Z.R. see Garsevanishvili, V.R. 1-28469
 Menth, A., Muller, R., Stucki, S. The electrolysis of water. New ideas for producing hydrogen 1-43816
 Menth, A. see Stucki, S. 1-35714
 Mentre, P.-G. see Guernigou, J. 1-5312
 Mentshenkov, V.P. see Livshits, B.G. 1-16460
 Meny, L. see Roel, N. 1-4401
 Menyhard, M. Potassium on the fracture surface of tungsten wires studied by AES 1-20533
 Menyhard, M. see Romhanyi, K. 1-21580
 Menyuk, C.R., Lee, Y.C. Finite bandwidth induced stochasticity in a magnetic mirror 1-19936
 Menyuk, N., Killinger, D.K., DeFeo, W.E. Remote sensing of NO using a differential absorption lidar 1-13207
 Menzala, G.P. On global classical solutions of a nonlinear wave equation 1-6809
 Menzel, D. see Feulner, P. 1-11982
 Menzel, D. see Jaeger, R. 1-20562, 1-25572, 1-52421
 Menzel, D. see Umbach, E. 1-8194
 Menzel, E. see Ehm, C. 1-31854
 Menzel, H. see Schoene, T. 1-14582
 Menzel, J. see Denner, H.D. 1-44938
 Menzel, J.H., Boright, J.P., Brenner, L.M. Views on international safeguards at uranium enrichment plants 1-23838
 Menziani, M. see Aprieti, G. 1-49398
 Menzies, J.W., Tanzi, E.G., Tarengi, M. Supernova (Evans) in NGC 1316 1-54532
 Menzies, J.W., Tanzi, E.G., Tarengi, M., Busko, I., Jablonski, F., Torres, C., Wood, R. Supernova in NGC 4536 1-54533
 Menzies, J.W. see Howarth, I.D. 1-40523
 Menzies, R.T., Rutledge, C.W., Zantesson, R.A., Spears, D.L. Balloon-borne laser heterodyne radiometer for measurements of stratospheric trace species 1-49403
 Menzies, R.T. see Majumdar, A.K. 1-44309
 Menzies, R.T. see Shumate, M.S. 1-49404
 Menzinger, M. see Ding, A. 1-37232
 Menzione, A. see Amendola, S.R. 1-18959, 1-18960, 1-18961
 Meo, G. see Esposito, A. 1-4518
 Merajver, S.D., Yorke, E.D., De Rocco, A.G. Random-walk model of the phase transition of hydrocarbon chains on a lattice 1-48753
 Merbach, A.E. see Southwood-Jones, R.V. 1-33483
 Mercader, L. see Garcia, J.A. 1-40176
 Mercader, L. see Puigerver, M. 1-49361
 Mercea, V. see Hindawi, S.K. 1-17037
 Mercer, D. see Adamovich, M.I. 1-45317
 Mercer, D. see Aston, D. 1-14399, 1-45297, 1-50442
 Mercer, D. see Fiorino, A. 1-50583
 Mercer, R.L. see Arnold, L.G. 1-36917
 Mercereau, J.E. see Yogi, T.K. 1-52721
 Mercey, B. see Guillo, M. 1-15845
 Merchand, P., Grannec, J., Chaminade, J.-P., Fouassier, C. Concentration quenching of Nd³⁺ fluorescence in ordered perovskite oxides and fluorides 1-3470
 Merchant, A.C. see Rowley, N. 1-18584
 Merchant, H.D. see Kindy, H.M. 1-21388
 Merchant, M. see Lux, R.L. 1-32304
 Merchant, V.E., Andrews, M.L., Andrews, M.L. Technique for measuring rotational temperature of microwave excited diatomic sulfur 1-9976
 Merchez, F. see Nguyen Van Sen 1-23701
 Merchiori, A. see Beltrame, F. 1-53950
 Mercler, C., Heyvaerts, J. Energy balance in current sheets: from Petschek to gravity driven reconnection? 1-22767
 Mercler, J.-C.C. Magnitude of the continental lithospheric stresses inferred from rheomorphic petrology 1-27114
 Mercler, J.-C.C. Single-pyroxene thermobarometry 1-40105
 Mercler, J.-C.C. see Ave Lallemant, H.G. 1-35969
 Mercler, J.-C.C. see Ross, J.V. 1-35961
 Mercler, O. see Melton, K.N. 1-31656, 1-39361
 Mercler, P. CANDU control functions hierarchy for implementation in distributed systems 1-50901
 Mercler, R. see Douglade, J. 1-30150
 Mercurio, D. see Frit, B. 1-47064
 Merdinger, J.C., Beck, F.A., Bozek, E., Byrski, T., Gehring, C., Schutz, Y., Vivien, J.P. Magnetic moments of the I⁺=10⁺ isomers in Ce and Nd N=80 isotopes 1-5691
 Merdinger, J.C. see Byrski, T. 1-45396
 Merdinger, J.C. see Vivien, J.P. 1-45451
 Merdith, C.M. see Dorfman, S.D. 1-27357
 Merdith, D.J. see Povey, M.J.W. 1-12377
 Merenda, P. see Huber, A.M. 1-30264
 Merenda, P. see Servet, B. 1-52090
 Merer, A.J. see Churchwell, E. 1-9622
 Merer, A.J. see Hocking, W.H. 1-51215
 Merewether, D.E., Fisher, R., Smith, F.W. On implementing a numeric Huygen's source scheme in a finite difference program to illuminate scattering bodies 1-33601
 Mergan, L.M., Verbeke, R., Cordier, J.P. Rad-waste solidification system of Tihange-2 PWR power plant 1-50850
 Mergerian, D., Malarkey, E.C., Pautienus, R.P., Bradley, J.C., Marx, G.E., Hutcheson, L.D., Kellner, A.L. Operational integrated optical RF spectrum analyzer 1-1720
 Mergulhao, S. see Campos, M. 1-7633
 Mericle, L.W. see Mackinnon, C. 1-35833
 Merigan, W.H. Temporal modulation sensitivity of macaque monkeys 1-13234
 Merighi, R. see Bonoli, F. 1-13878
 Merigoux, J.M., Pocard, P. Solar power units with screw expanders 1-17288
 Merinis, J. see Bouissieres, G. 1-4131
 Merinov, B.V., Maksimov, B.A., Dem'yanets, L.N., Belov, N.V. Crystal structure of LiNdGeO₄ 1-20165
 Merinsky, K. see Betko, J. 1-20767
 Meriwether, J.W., Jr., Atreya, S.K., Donahue, T.M., Burnside, R.G. Measurements of the spectral profile of Balmer alpha emission from the hydrogen geocorona 1-36090
 Meriwether, J.W., Jr. see Herrero, F.A. 1-4673
 Merkel, A. see Boese, F.K. 1-53657
 Merkel, A. see Der, R. 1-31825, 1-31826
 Merkel, B. see Bourquin, M. 1-10276
 Merkels, G.V. see Kanjaskas, J.M. 1-19043
 Merkelo, H. see Malkin, S. 1-22061
 Merkens, H. see Waelbroeck, F. 1-30555
 Merkle, L.-O. Linear and nonlinear resonance of Rossby waves 1-4571
 Merkle, J.E. see Spencer, J.N. 1-10724
 Merkle, K.L. see Aberback, R.S. 1-52186
 Merklin, J.F. see Seeker, W.R. 1-26744
 Merkt, U. Precision of ellipsometer nulling 1-40835
 Merkulov, A.I., Radautsan, S.I., Tezlevan, V.E. Influence of nonstoichiometry on the electrical and magnetic properties of CdCr₂Se₄ single crystals 1-2967
 Merkulov, A.I., Radautsan, S.I., Tezlevan, V.E. Schottky barriers on magnetic semiconductor p-type CdCr₂Se₄ 1-20851
 Merkulov, A.I. see Lyalikova, R.Yu. 1-25280
 Merkulov, A.P. see Izakson, G.S. 1-15498
 Merkulov, E.N. see Ostrovskii, O.I. 1-20694
 Merkulov, I.A. Cooling of the nuclear spin system in a semiconductor on modulation of electron polarization 1-7864
 Merkulov, I.A. see Bagraev, N.T. 1-47709
 Merkulov, S.Yu. see Gurevich, G.M. 1-28463
 Merkulov, V.A. see Melfgi, M.A. 1-39578
 Merkulov, V.M. see Voronov, V.P. 1-46640
 Merkulov, V.N., Tyutekin, V.V. Active suppression of flexural modes in a fluid-filled cylindrical shell 1-37695
 Merkulov, V.N. see Klimov, S.P. 1-37658
 Merkulov, V.S., Rudashevskii, E.G., Le Gall, A., Leikyuras, C. Magnetic linear birefringence in hematite in the vicinity of the Morin temperature 1-43101
 Merkulovich, V.M., Stepanov, A.S. Role of surfactants in stochastic condensation 1-40162
 Merkuriev, S.P. On the three-body Coulomb scattering problem 1-49993
 Merle, G., Beguin, F. Insertion of benzene in the lamellar graphite compound C₂₄ 1-43287
 Merle, G. see Beguin, F. 1-42368
 Merle, J. Annual and interannual variability of temperature in the Eastern Equatorial Atlantic Ocean. Hypothesis of an Atlantic 'El Nino' 1-17614
 Merle, J. Seasonal variation of heat-storage in the tropical Atlantic Ocean 1-27205
 Merle, J.C. see Fiorini, P. 1-25648
 Merle, J.C. see Suga, S. 1-26178
 Merle, P., Fouquet, F., Merlin, J. Validity of a lamellar model for yield stress variation of alloy containing plate-like precipitates 1-21545
 Merle, P., Merlin, J. Destabilization and induced anomalous work-hardening during the plastic deformation of Al-Cu solid solutions 1-31490
 Merle, P. see Camassel, J. 1-8093
 Merle, P. see Mathieu, H. 1-25643, 1-26268, 1-47485
 Merle d'Aubigne, Y. see Wasiela, A. 1-35091
 Merlet, C. see Bastide, G. 1-2918
 Merli, P.G., Rosa, R. Influence of the electron incidence angle on 'quasi-adiabatic' heating of silicon 1-52191
 Merlin see Mamel, J. 1-45644
 Merlin, A., Fouassier, J.-P. Benzoil derivatives as photo-initiators for vinyl polymerization in micellar systems 1-48688
 Merlin, J. see Merle, P. 1-21545, 1-31490
 Merlin, J.-C., Maley, P., Bortle, J. Comet Panther (1980u) 1-44500
 Merlin, J.-C. see Antal, M. 1-54424
 Merlin, R., Colvard, C., Klein, M.-V., Morkoc, H., Gossard, A.C., Cho, A.Y. Phonon folding and anisotropy in GaAs-AlAs superlattices 1-52940
 Mermaz, M.C. Phase-shift analysis of the backward rise of the elastic scattering angular distributions 1-41135
 Mermaz, M.C. see Bini, M. 1-14541
 Mermaz, M.C. see Tamura, T. 1-23624
 Mermelengas, N., Rosman, K.J.R., De Laeter, J.R. The isotopic composition of palladium in meteorites and terrestrial samples 1-32667
 Mermet, A. see Oytana, C. 1-39394
 Mermet, J.M. see Pehlivanian, E. 1-40031
 Merrikides, M. see Deden, H. 1-28311
 Mermilliod, J.C. see Maeder, A. 1-36267, 1-36356
 Mermilliod, J.-C. The present data situation for stars in open clusters. II 1-36351
 Mermilliod, N., Zuppiroli, L., Francois, B. Thermal conductivity and specific heat of pure and iodine doped polyacetylene (CH) 1-25511
 Mermin, N.D. Current density in the BCS ground state for a spatially non-uniform anisotropic superfluid 1-11944
 Merminod, A. see Cooper, G.A. 1-17023
 Merrik, E.B. see Korovina, V.M. 1-3798
 Merola, L. see Antreasyan, D. 1-10287
 Meron, M. see Maor, D. 1-46069
 Meroni, E. see Albini, E. 1-23999
 Merovich, H. see Diaz, R. 1-22159
 Merriam, G.R., Jr. see Worul, B.V. 1-43912
 Merriam, J. see Glad, D.S. 1-36737
 Merriam, J.D., Bentley, R.K. Problems in measuring performance of staring infrared (IR) focal planes 1-5394
 Merrick, D., Smith, M., Rasmussen, G. The use of non-foresil derived hydrogen in coal conversion processes 1-43828
 Merrik, B.R., Chechin, G.M., Popov, V.V. The surface density of the electrical charge on the boundaries of an axially symmetrical multi-layered medium intersected by a well 1-22551
 Merrill, E.W., Leopairat, P. Scission of non-interpenetrating macromolecules in transient extensional flows 1-46816

- Merrill, J.E. *see* Milone, E.F. 1-9577
- Merrill, K.M. *see* Jones, B. 1-49752
- Merrill, L. High pressure documentation and evaluation of data 1-27693
- Merrill, L. *see* Hatch, D.M. 1-34452
- Merrill, O.S. The changing emphasis of the DOE thermionic program 1-48887
- Merrill, R.R. *see* Genzco, O. 1-21576
- Merrill, R.T. *see* Henshaw, P.C., Jr. 1-13398
- Merritt, D. A numerical model for a triaxial stellar system in dynamical equilibrium. II. Some dynamical features of the model 1-40534
- Merritt, D. Two-component stellar systems in thermal and dynamical equilibrium 1-54571
- Merritt, D., Thompson, K. Thermal energy transport in the Venus ionosphere: classical and saturated electron temperature profiles 1-40369
- Merritt, E.A., Sundaralingam, M. Models of metal-nucleoside polyphosphates: structures of unidentate $[\text{CoHP}_2\text{O}_7(\text{NH}_3)_2]\cdot\text{H}_2\text{O}$ [pentaammineprophosphatocobalt(III) monohydrate] and bidentate $[\text{CoHP}_2\text{O}_7(\text{NH}_3)_4]\cdot 2\text{H}_2\text{O}$ [tetraammineprophosphatocobalt(III) dihydrate] 1-17339
- Merritt, F.S. *see* Barish, B.C. 1-10284
- Mersov, G.A. *see* Estulin, I.V. 1-49860
- Mertel, G. *see* Broggi, A. 1-32053
- Mertelmeier, T. *see* Hofmann, H.M. 1-5767
- Merten, A.A. *see* Dzenis, V.V. 1-13275
- Merten, L., Wenk, J. Boundary conditions for stimulated Raman effect of a semi-infinite piezoelectric cubic crystal 1-11047
- Mertens, A., Renard, L., Smet, Moerdijk Testing adherence of coatings using limited dome height method 1-3977
- Mertens, G. *see* Thumm, M. 1-684
- Mertens, I. *see* Kretschmar, J.G. 1-17643
- Mertens, R. *see* Cheek, G. 1-4202
- Mertens, R. *see* Frisson, L. 1-32011
- Mertens, R. *see* Nijs, J. 1-39797
- Mertens, V. *see* Gerber, J. 1-16513
- Mertiens, H.D. *see* Berger, C. 1-5636, 1-10209
- Mertiens, H.D. *see* Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Mertins, H., Pfuff, M. Time dependent diffusion model for the fission gas release in fuel rods 1-5845
- Mertwoy, H.E. *see* Forsman, W.C. 1-39620
- Mervyn, D.A., Ermi, A.M. Miniature specimen technology for postirradiation fatigue crack growth testing 1-4042
- Mervyn, D.A. *see* Howson, T.E. 1-12809
- Merwe, A. van der *see* van der Merwe, A.
- Merwe, A.J. van Der *see* Van Der Merwe, A.J.
- Merwe, J.H. van Der *see* Van Der Merwe, J.H.
- Merwe, P.D.T. van der *see* Van der Merwe, P.D.T.
- Merwe, P. du T. van der *see* van der Merwe, P. du T.
- Merwitz, O. The autoradiolytic and the γ -induced demethylation of solid thymine-(methyl- ^{14}C) 1-4331
- Merx, H., Moussin, C. Compressibility measurements of heavy metals by energy-dispersive X-ray diffraction in the diamond-anvil cell 1-30307
- Merx, W. *see* Hinsen, R. 1-40021
- Mery, P., Perrotet, M. Tests of real W-boson pair production 1-10184
- Merz, G. *see* Zschech, E. 1-20030
- Merz, J.L. III-V heterostructure devices for integrated optics 1-1725
- Merz, L. Nuclear power plants without risk of a reactor disaster 1-28626
- Merz, M.D. *see* Baer, D.R. 1-43604
- Merz, M.D. *see* Diegle, R.B. 1-16969
- Merz, P.H. Determination of adsorption energy distribution by regularization and a characterization of certain adsorption isotherms 1-7459
- Merz, S.S. *see* Turnquist, D. 1-25114
- Merzhanov, A.G. *see* Agababyan, E.V. 1-13007
- Merzhanov, A.G. *see* Bratchikov, A.D. 1-35216
- Merzhanov, A.G. *see* Raskolenko, L.G. 1-21727
- Merzhanov, A.G. *see* Shkuro, V.M. 1-12704
- Merzhanov, A.G. *see* Zhukov, S.A. 1-33879
- Merzlyak, T.T. *see* Gribov, L.A. 1-10801
- Merzlyakov, S.I., Nguyen Ngok Lam Compact unit for logic signal delay 1-1030
- Merzlyakov, S.I. *see* Akimov, Yu.K. 1-41115
- Merzon, G.L. *see* Blazhenkov, V.V. 1-42141
- Mesa, C.L. *see* La Mesa, C.
- Mesaroos, V., Poliacik, I. Generation of stimulated emission on a dye 1-51472
- Mesch, F. Description of rough surfaces as two-dimensional stochastic processes 1-23179
- Meschede, D. *see* Zaplinski, P. 1-25698
- Mescheryakov, M.G. *see* Aksinenko, V.D. 1-18662
- Mesguier, F., Sanchez, C. Piezo-dichroism effect on piezobirefringence measurements 1-3364
- Mesguier, F. *see* Ortega, A. 1-31209
- Meservey, E.B., Arunasalam, V., Barnes, C., Bol, K., Bretz, N., Cohen, S., Colestock, P., Dimock, D., Dylla, H.F., Eames, D., Elthimion, P., Eubank, H., Goldston, R., Grisham, L., Hinnov, E., Hosea, J., Hovey, J., Hsuan, H., Hwang, D., Jobs, F., Kaita, R., McCracken, G.M., Mazzucato, E., Medley, S., Mueller, D., Sauthoff, N., Schilling, G., Schivell, J., Stewart, L., Strachan, J., Stodiek, W., Suckewer, S., Ulrickson, M., Voss, D., von Goeler, S., Zank, G., Wampler, W.R., Magee, C.W. The effect of plasma surface interactions on PLT plasma parameters 1-24992
- Meservey, R., Paraskevopoulos, D., Tedrow, P.M. Tunneling measurements of conduction-electron-spin polarization in heavy rare-earth metals 1-3075
- Meservey, R., Tedrow, P.M., Kalvey, V.R. Proximity effect in ferromagnetic metals 1-42923
- Meservey, R. *see* Zimmerman, G.O. 1-2744
- Meshcherov, R.A. *see* Kaminsky, A.K. 1-51015
- Meshcheryakov, G.A., Marchenko, A.N. A new approach to the representation of the gravitational potential of a planet by the potential of a system of point masses 1-4801
- Meshcheryakov, G.N., Charugin, N.V., Meshcheryakov, G.G. Influence of adsorption phenomena on the process of metal transfer during electric-spark doping 1-47100
- Meshcheryakov, N.G. *see* Meshcheryakov, G.N. 1-47100
- Meshcheryakov, R.P. *see* Zhalsaraev, B.Zh. 1-31813
- Meshcheryakov, V. Self-consistent calculation of deformation effect characteristics in crystals containing defects 1-25267
- Meshcheryakov, Yu.I. Dislocation dynamics and uniaxial strain at low multiplication rates 1-30303
- Meshcheryakov, Yu.I., Morozov, V.A. On the early stage of dynamic plasticity 1-52147
- Meshcheryakova, O.D. *see* Koshelev, V.B. 1-22042
- Meshii, M., Ueki, M., Chiou, H.-D. Cyclic creep behavior and internal stress 1-1807
- Meshii, M. *see* Kobayashi, S. 1-12806, 1-16982
- Meshii, M. *see* Nagakawa, J. 1-21499
- Meshkov, A.M. *see* Vinnikov, A.Ya. 1-52575
- Meshkov, I.N. *see* Grishanov, B.I. 1-28776
- Meshkov, S. Glueballs: Their spectra, production and decay 1-45240
- Meshkov, S. *see* Carlson, C.E. 1-28279
- Meshkov, S.I. *see* Dudukalenko, V.V. 1-15419
- Meshkovskii, I.K. *see* Dul'nev, G.N. 1-16037
- Mesko, L. Evaluation of APSDs from in-core measurements in a BWR 1-14675
- Meskov, J.Ja. *see* Gridnev, V.N. 1-48483
- Mesmaeker, A. Kirsch-De *see* Kirsch-De Mesmaeker, A.
- Mesnage, P. One hundred years of piezoelectricity studies 1-49920
- Ménard, G. *see* Labib, H. 1-25533
- Mesropov, M.G. *see* Polosukhin, B.G. 1-28781
- Mess, G. *see* Haggman, B.C. 1-135
- Mess, K.G. *see* Jonker, M. 1-10194
- Mess, K.H. *see* Diddens, A.N. 1-14747, 1-23998
- Mess, K.H. *see* Jonker, M. 1-14432, 1-45258
- Messadi, D., Vergnaud, J.-M. Study of diffusion of dioctylphthalate from plasticized PVC into liquid n-heptane 1-30501
- Message, P.J. Review of the theories of motion of the natural satellites 1-44422
- Messer, D., Breiting, D.K., Haegler, W. Hexasodium tetrasulfatopentadecadate(II) dihydrate, $\text{Na}_6[\text{Pd}(\text{SO}_3)_4]\cdot 2\text{H}_2\text{O}$: a structure with a pronounced rod packing 1-34295
- Messerle, H.K., Manglick, A. Effect of temperature sheaths on electrostatic cathode layers [combustion MHD plasma] 1-15607
- Messerle, H.K. *see* Fang, M.T.C. 1-11621, 1-34155
- Messerle, H.K. *see* Marty, S.M. 1-35665
- Messerschmidt, U., Appel, F. Principles of the design of straining stages 1-5441
- Messerschmidt, U., Appel, F. Determination of geometrical statistical parameters of the dislocation-point obstacle interaction from in-situ deformation experiments in the HVEM 1-30234
- Messiaen, A.M. *see* Schweicher, E. 1-46868, 1-46869
- Messien, P. *see* Gaspard, C. 1-21484
- Messier, R. *see* Lo, C. 1-21347
- Messier, R. *see* Marusak, L.A. 1-3384
- Messina, A.D., Park, E.L., Jr. Effects of precise arrays of pits on nucleate boiling 1-33884
- Messine, M.Yu. *see* Dolgov, A.A. 1-11813
- Messing, F. *see* Drews, G. 1-10229
- Messing, F. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Messing, I. *see* Smith, A.L. 1-6273
- Messmer, C., Biello, J.C., Dew-Hughes, D. Interaction of cleavage cracks with forest dislocations in zinc 1-42389
- Messmer, R.P. Local electronic structure of amorphous metal alloys using cluster models. Evidence for specific metalloid-metal interactions 1-47578
- Messmer, R.P., Lamson, S.H., Salahub, D.R. CO on Cu (100) Assignment of the Ols and Cls X-ray photoelectron core spectra 1-7464
- Messmer, R.P. *see* Briant, C.L. 1-20654
- Messmer, R. *see* Barish, B. 1-10192
- Mestani, J. *see* De Vernejoul, P. 1-26984
- Mestdagh, J.M., Cuvelier, J., Berlande, J., Binet, A., de Pujo, P. A comparison between N_2 and Ar for the absolute value and the energy dependence of the cross section for the fine-structure transition $\text{K}(4p_{1/2}-4p_{3/2})$ as studied in crossed beam experiments 1-24213
- Mestechkin, M.M., Gutvrya, L.S. Different variants of the Hartree-Fock method in the two-electron problem and their stability 1-37107
- Mesterton, A.P. *see* Vasilyev, M.B. 1-9395
- Mestik, V.M. *see* Parfianovich, I.A. 1-37554
- Mestvirishili, M.A. *see* Denisov, V.I. 1-36557
- Mesyats, G.A. *see* Korolev, Yu.D. 1-42234, 1-42239
- Mesyats, G.A. *see* Litvinov, E.A. 1-25836
- Meszaros, P. *see* Kirk, J.G. 1-49853
- Metag, V. Spectroscopic properties of fission isomers 1-50680
- Metag, V. *see* Just, M. 1-50676
- Metag, V. *see* Vandenbosch, R. 1-33240
- Metayer, M., Langevin, D., Mousniskas, I., Labbe, M., Selegny, E. Ion-exchange kinetics. Influence of the selectivity and effect of the interdiffusion in the Nernst films. Application to the H^+/NH_4^+ ionic exchange in a sulfonic membrane 1-48732
- Metcalfe, H., Phillips, W. Time-resolved subnanal-width spectroscopy 1-28067
- Metcalfe, H. *see* Raab, F. 1-5410
- Metcalfe, M. Track-finding in a fine-grained calorimeter 1-14764
- Metcalfe, M. *see* Diddens, A.N. 1-14747, 1-23998
- Metcalfe, M. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Metcalfe, W. *see* LeBritton, J. 1-45299
- Metcalfe, W.J. *see* Youngquist, R. 1-5650
- Metcalfe, B. *see* Taylor, B.L. 1-33085
- Metchenov, G.A. Thickness determination of thin films by electron probe microanalysis 1-27912
- Meteliev, S.A. Relaxation of anomalous absorption of a test wave 1-49448
- Metelitsa, D.I. *see* Yerebin, A.N. 1-35754
- Metelkin, E.V. *see* Medvedev, Yu.A. 1-37395
- Metelkin, E.V. *see* Ryazanov, A.I. 1-52174
- Metelnikov, A.A. *see* Vvedenskii, V.D. 1-24475
- Metfessel, C.E., Stewart, G.R., Matthais, B.T., Patel, C.K.N. Why is there no bulk specific heat anomaly at the superconducting transition temperature of $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$? 1-47779
- Metfessel, M. *see* Fischer, J. 1-20515
- Metfessel, S. *see* Ford, P.J. 1-2584
- Metfessel, S. *see* Westerholt, K. 1-7768, 1-20679
- Metik, L.P., Pronik, I.I. Multicolor photometry of the Markaryan 279 galaxy 1-27608
- Metiu, H. *see* Adams, A. 1-8147
- Metiu, H. *see* Gadzuk, J.W. 1-8179
- Metiu, H. *see* Maniv, T. 1-25783, 1-35052
- Metlin, Yu.G. *see* Kolotyrkin, V.I. 1-53452
- Metlov, V.G. *see* Afanasiev, V.L. 1-32754
- Metois, J.J., Heyraud, J.C. Morphological modification of crystallites by thermal treatment: Gold/graphite 1-30605
- Metois, J.J. *see* Heyraud, J.C. 1-2367, 1-20550, 1-25541
- Meton, C. *see* Adamovich, M.I. 1-45317
- Meton, C. *see* Fiorino, A. 1-50583
- Meton, M. *see* Abbes, M. 1-25474
- Metrat, G. *see* Fontana, M.D. 1-42503
- Metreveli, I.M. *see* Buishvili, L.L. 1-21032, 1-52861
- Metzch, B.C., Glaudemans, P.W.M. Spectroscopic properties and collective structure from a shell-model description of $A=53$ nuclei 1-36896
- Metzelaar, R. *see* van der Straten, P.J.M. 1-12675
- Metzlik, V.M. *see* Parfianovich, I.A. 1-3474
- Metwaleh, H. *see* Tawfik, A. 1-48017
- Metten, S. *see* Bauer, H.F. 1-38016
- Mettler, G.W. *see* McCown, J.J. 1-18726
- Metwally, M. *see* Azam, A. 1-50834
- Metz, C.E., Atkins, F.B., Beck, R.N. The geometric transfer function component for scintillation camera collimators with straight parallel holes 1-26994
- Metz, C.E. *see* Vyborny, C.J. 1-22123, 1-40916
- Metz, E. *see* Jonker, M. 1-14432, 1-45258
- Metz, W.A. *see* Legg, K.O. 1-3553
- Metzendorf, H. *see* Euler, K.-J. 1-8697, 1-43545
- Metzger, B.D. *see* Brown, N. 1-39489
- Metzger, G. *see* Briska, M. 1-7199
- Metzger, H. *see* Voss, A.-C. 1-9006
- Metzger, J. *see* Vennin, G. 1-10672
- Metzger, M. *see* Munitz, A. 1-26786

- Metzger, R.M. Cohesive energy and ionicity [organic crystals] 1-42712
- Metzger, W. *see* Mazzucato, M. 1-50462
- Metzger, W.C. *see* Kaiser, H.D. 1-31733
- Metzger, W.J. *see* Barth, M. 1-41018, 1-45377
- Metzger, G., Raschke, E. The effect of turbidity on remote sensing of ocean color 1-36089
- Metzke, E. *see* Busching, D. 1-34091
- Metzler, N. *see* Jorna, S. 1-28701
- Metzmaier, K.D. *see* Fiander, D.C. 1-28761
- Meubus, P. *see* Charette, A. 1-19870
- Meuche, W. *see* Knahe, H. 1-15391
- Meuer, D., Frey, R., Hoffmann, D.H.H., Richter, A., Spamer, E., Titze, O., Knapf, W. High resolution inelastic electron scattering on ^{90}Zr at low momentum transfer and strong fragmentation of the magnetic quadrupole strength 1-23589
- Meul, H.W. *see* Hafner, U. 1-21031
- Meulders, J.P. *see* Guichard, M. 1-49070
- Meulders, J.-P. *see* Bewley, D.K. 1-8998
- Meuli, R.A. *see* Car, R. 1-24062
- Meunargiya, T.V. *see* Zhengti, V.S. 1-6783
- Meunier, G., Manaud, J.-P., Devalette, M. Comparative study of the diffusion of hydrogen through films of Pd-Ag alloy, nickel and monel 1-52349
- Meunier, G. *see* Devalette, M. 1-52113
- Meunier, H., Purdy, R., Thrush, B.A. Reactions of CFCI studied by laser-induced fluorescence 1-48691
- Meunier, J. *see* Pouchlon, A. 1-30519
- Meunier, J.P. *see* Kühr, J. 1-10145
- Meunier, J.P., Pigeon, J., Massot, J.N. A general approach to the numerical determination of modal propagation constants and field distributions of optical fibre 1-33818
- Meunier, J.P. *see* Gagnire, H. 1-37610
- Meunier, R. *see* Bussier, A. 1-10265
- Meuris, C. *see* Aymar, J. 1-46909
- Meuti, M. *see* Campanilo, A. 1-25332
- Mevengies, M. *see* Neve *de* Neve *de* Mevengies, M.
- Mewdell, C.G., Harrison W.C., Hawley, E.H., Dumont, R.S., Green, J.H. Development and verification of a space-dependent dynamic model of a natural circulation steam generator 1-28554
- Mewe, R. *see* Sylwester, J. 1-4852
- Mey, G. *see* De *see* De Mey, J.
- Mey, M. *see* Guzzardi, R. 1-43966
- Meybar, Y. *see* Rosenberg, J. 1-42506
- Meybaum, B.R. *see* de *see* eybaum, B.R.
- Meyer, A. *see* Krill, G. 1-2072
- Meyer, A.J. Primatons manum energy density quanta possible constituents of the ylem 1-49873
- Meyer, A.V. *see* Glidewell, J. 1-51307
- Meyer, B. *see* Biellmann, J. 1-48156
- Meyer, B.A., Randall, K.R., I-Wakil, M.M., Mitchell, J.W. Interferometric investigations of convection in slot, flat plate and vee-corroated solar collectors 1-32049
- Meyer, C., Filippini, J.C. Eff of oxygen on water trees in polyethylene-52895
- Meyer, C., Sergeant-Rozoy, M. Far infrared pure rotational spectrum of methylacetylene 1-24135
- Meyer, C., Jr. Trace element analysis of silicates by ion microprobe 1-31952
- Meyer, C.T., Chamel, A. Water and ion absorption by polyethylene in relat. to water treeing 1-11973
- Meyer, E.F., Jr. The computational application of the Cahn-Ingold-Prelog rules and 2 1-19208
- Meyer, F. *see* Lydlin, H. 1-17
- Meyer, F. *see* de *see* de Meyer, F.
- Meyer, F.W. Single electron capture and loss by H^+ , H^0 and H^- in Cs vapour the energy range 0.1-2.0 keV 1-6374
- Meyer, F.W. Cross section measurements using a Cs vapor target of novel design-10849
- Meyer, G., Toennies, J.P. Determination of quadrupole moments of light hydrocarbon molecules from rotationally inelastic state state scattering cross sections 1-19071
- Meyer, G.C. *see* Widmaier, J.M. 1-2210
- Meyer, G.W. EDXRF in the laboratory and in production control 1-45088
- Meyer, H. *see* Berger, C. 1-5636, 10209
- Meyer, H. *see* Berger, Ch. 1-1440-23511, 1-45255, 1-45331, 1-50412
- Meyer, H. *see* Doiron, T. 1-11949
- Meyer, H. *see* Ruppreiner, G. 1-16
- Meyer, H. *see* Washburn, S. 1-277
- Meyer, H.E. *see* De Meyer, H.E.
- Meyer, H.-G., Seidel, P. Theoretical stigation of current amplitudes of niobium-I tunnel junctions 1-42917
- Meyer, H.J. *see* Berger, C. 1-5636, 10209
- Meyer, H.J. *see* Berger, Ch. 1-1440-23511, 1-45255, 1-45331, 1-50412
- Meyer, H.-J., Muller-Buschbaum, H. New form of palladium stabilised by traces of al oxides 1-34287
- Meyer, H.O., Schwandt, P., Moake, G. Singh, P.P. Elastic scattering of 200 V polarized protons from ^{12}C and theical potential 1-41096
- Meyer, H.O. *see* Gubler, H.P. 1-28489
- Meyer, H.O.A. *see* Hervig, R.L. 1-44143
- Meyer, J. Pyroelectric detectors—their noise, temperature resolution and range 1-10015
- Meyer, J., Bionassi, de Serra, E.C. On the masking effect for instrumental musicians 1-11263
- Meyer, J., Damaske, D. On the origin of the annual wave in hemispheric geomagnetic activity 1-54328
- Meyer, J. *see* Diddens, A.N. 1-14747, 1-23998
- Meyer, J. *see* Elbaz, E. 1-493, 1-519, 1-529, 1-543, 1-50393
- Meyer, J. *see* Haus, A.G. 1-26998
- Meyer, J. *see* Hilko, B. 1-7003
- Meyer, J. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Meyer, J. *see* Walsh, C.J. 1-46907
- Meyer, J.D. Investigation of Ti-Cu, Zr-Cu, Hf-Cu alloys after low temperature ion implantation 1-30863
- Meyer, J.D. *see* Stritzker, B. 1-20899
- Meyer, J.R., Krueer, M.R., Bartoli, F.J. Optical heating in semiconductors: laser damage in Ge, Si, InSb, and GaAs 1-15925
- Meyer, J.W. A channel flow analysis for porous beds moving under high G forces 1-2058
- Meyer, K.A. *see* Barnes, J.F. 1-6797
- Meyer, K.R. Periodic orbits near infinity in the restricted N-body problem 1-40320
- Meyer, L.S. *see* Draper, C.W. 1-31724, 1-35451
- Meyer, M. *see* Beraud, R. 1-45401
- Meyer, M. *see* Elias, N. 1-18548, 1-28365
- Meyer, M. *see* Libert, J. 1-5698
- Meyer, M. *see* Raich, U. 1-14743
- Meyer, M. *see* Vernin, G. 1-10672
- Meyer, N.I. *see* Norgard, J.S. 1-35622
- Meyer, O. *see* Berger, C. 1-5636, 1-10209
- Meyer, O. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Meyer, O. *see* Haase, E.L. 1-52679
- Meyer, O. *see* Kaufmann, R. 1-52202
- Meyer, P. *see* Berman, B.L. 1-18637
- Meyer, P. *see* Brun, A. 1-16435
- Meyer, R., Schroeter, G. The application of differential geometry to ray acoustics in inhomogeneous and moving media 1-46602
- Meyer, R. *see* Hirth, A. 1-15175
- Meyer, R. *see* Pollio, J. 1-22546
- Meyer, R. *see* Suran, G. 1-12363
- Meyer, R.A., Henry, E.A., Lien, O.G., III, Lane, S.M., Griffin, H.C., Yaffe, R.P., Stevenson, P.C., Skarnemark, G. Properties of neutron-rich nuclei studied by fission product nuclear chemistry 1-14468
- Meyer, R.A. *see* Waldo, R.W. 1-45554
- Meyer, R.B. *see* Pindak, R. 1-20060
- Meyer, R.E., Shiao, S.-Y., Palmer, D.A. Adsorption of radionuclides by inorganic oxides 1-41215
- Meyer, R.J., Duke, C.B., Paton, A. Energy-dependent exchange potentials in low-energy electron diffraction from GaAs(110) 1-7052
- Meyer, R.J., Duke, C.B., Paton, A., So, E., Yeh, J.L., Kahn, A., Mark, P. Surface structure of ZnTe (110) as determined from dynamical analysis of low-energy-electron diffraction intensities 1-11962
- Meyer, R.J., Duke, C.B., Paton, A., Tsang, J.C., Yeh, J.L., Kahn, A., Mark, P. Dynamical analysis of low-energy diffraction intensities from InP (110) 1-34557
- Meyer, R.J. *see* Duke, C.B. 1-20521, 1-42612, 1-52892
- Meyer, S. Contribution to the theory of degenerate equations with small parameter and highest derivation 1-5087
- Meyer, S.F., Hsieh, E.J., Burt, R.J. RF magnetron sputtering of thick platinum coatings on glass microspheres 1-12655
- Meyer, T. *see* Blumlein, J. 1-38059
- Meyer, T. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Meyer, T.J. *see* Sullivan, B.P. 1-51150
- Meyer, W. Helical resonators for measuring dielectric properties of materials 1-50155
- Meyer, W., Miller, W.H., Wallace, C.B. Standardization of neutron spectrum unfolding codes: the benchmarking problem 1-18914
- Meyer, W. *see* Harbecke, G. 1-48180
- Meyer, W. *see* Werner, H.-J. 1-1100
- Meyer, W.T. *see* Aston, D. 1-50470
- Meyer, W.T. *see* Stroynowski, R. 1-18522
- Meyer, Y.H. Multiple conical emissions from near resonant laser propagation in dense sodium vapor 1-6607
- Meyer, Y.H., Nenchev, M.N. Tuning of dye lasers with a reflecting Fizeau wedge 1-15187
- Meyer, Y.H., Nenchev, M.N. Single-mode dye laser with a double-action Fizeau interferometer 1-51506
- Meyer, Y.H. *see* Nenchev, M.N. 1-33701
- Meyer-Erkelenz, J.D. *see* Hinsen, R. 1-40021
- Meyer-Hermann, C. Energy economization of combustion processes 1-35531
- Meyer-Schutzmeister, L. *see* Raghunathan, K. 1-18660
- Meyer-ter-Vehn, J. *see* Dickhoff, W.H. 1-50522
- Meyer-Vernet, N. High-frequency transverse Fresnel drag in a moving magneto-active plasma 1-22675
- Meyer-Vernet, N. *see* Lecacheux, A. 1-49564
- Meyerhof, W.E. *see* Anholt, R. 1-6350
- Meyerhof, W.E. *see* Stoller, C. 1-6354
- Meyerovich, A.E. *see* Bashkin, E.P. 1-2758, 1-52386
- Meyers, C.E., Mason, T.O., Petuskey, W.T., Haloran, J.W., Bowen, H.K. Phase equilibria in the system Fe-Al-O 1-39325
- Meyers, D.J. *see* Carder, K.L. 1-10945, 1-22540
- Meyers, M.A. A model for dislocation generation in shock-wave deformation 1-20208
- Meyers, M.A., Kestenbach, H.-J., Soares, C.A.O. The effects of temperature and pulse duration on the shock-loading response of nickel 1-11814
- Meyers, M.A., Sarzeto, C., Chen-Yih Hsu A technique for obtaining shock-wave parameters using wave superposition in low-carbon steel 1-20315
- Meyers, M.A., Varma, S.K., Cornwell, L.R. Comments on 'The electroplastic effect in aluminum' [and reply] 1-12819
- Meyers, P.A., Owen, R.M. Sources of fatty acids in Lake Michigan surface microlayers and sub-surface waters 1-36002
- Meyers, P.D. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Meyers, S. An overview of the US Department of Energy's waste management program 1-803
- Meylan, G., Pythion, M., Hauck, B. Intrinsic colours of MK types in the Geneva photometric system 1-13760
- Meynart, R. Flow velocity measurement by a speckle method 1-15561
- Meyniel, G. *see* Maubiant, J. 1-53861
- Meyruels, P. *see* Champy, M. 1-8962
- Meyruels, P. *see* Draman, M. 1-15099
- Meyruels, P. *see* Liegeois, C. 1-35495
- Meystre, P. *see* Louisell, W.H. 1-51550
- Mezyappan, M. On the determination of diamagnetic susceptibility of isolectronic systems 1-15026
- Mezei, F. The principles of neutron spin echo 1-34201
- Mezei, F. Conclusion: critical points and future progress [in neutron spin echo] 1-34207
- Mezei, F. Neutron spin echo investigation of elementary excitations in superfluid ^4He 1-34534
- Mezei, F. Coherent approach to neutron beam polarization 1-37047
- Mezei, F. *see* Daglish, P.A. 1-33364
- Mezei, F. *see* Murani, A.P. 1-34903
- Mezei, F. (editor) Neutron Spin Echo. Proceedings of a Laue-Langevin Institut Workshop 1-32801
- Mezei, M. On the selection of the particle to be perturbed in the Monte Carlo method 1-50032
- Mezei, M., Beveridge, D.L. Theoretical studies of hydrogen bonding in liquid water and dilute aqueous solutions 1-42284
- Mezei, M. *see* Campbell, E.S. 1-25193
- Mezentsev, N.A. *see* Artamonov, A.S. 1-23893, 1-23894
- Mezentsev, N.A. *see* Forgacs, P. 1-52085
- Mezentseva, G.A. *see* Lebedeva, E.P. 1-4109
- Mezey, P.G. A study on universal Gaussian basis sets for first-row atoms 1-1102
- Mezey, P.G., Ramachandra Rao, Ch.V.S. On the relative importance of core and valence shell representations in the calculation of conformational energies using small Gaussian basis sets 1-10621
- Mezey, P.G., Strausz, O.P., Gosavi, R.K. A note on density matrix extrapolation and multiple solutions of the unrestricted Hartree-Fock equations 1-13037
- Mezey, P.G. *see* Kapur, A. 1-41361
- Mezey, P.G. *see* Poirier, R.A. 1-10628
- Mezger, A., Jaccard, C. Hyperfine parameters from nonresonant luminescence effects and spin memory of F center pairs in alkali halides 1-3475
- Mezhenniy, V.M. *see* Molchanova, L.V. 1-16758
- Mezheritskii, A.V. *see* Kurbatov, L.N. 1-3022
- Mezhov, V.S. *see* Baranov, V.Y. 1-41658
- Mezhov-Deglin, L.P., Fedotov, A.O. Abrupt change in the thermal conductivity of pure indium near T_c 1-20916
- Mezhov-Deglin, L.P. Possibility of observing a Knudsen minimum in the thermal conductivity of insulator crystals 1-25514
- Mezhov-Deglin, L.P., Revenko, V.I., Dite, A.F. Optical cryostat for studies at temperatures down to 0.5K [CdS luminescence spectra] 1-18237
- Meziere, Y. The Rayleigh and Timoshenko quotients in dynamics 1-1874
- Mezo, L. *see* Fehervari, J. 1-13319
- Mezunov, V.A. *see* Markov, N.G. 1-8372
- Mezykowski, T., Bal, J., Debiec, H., Kwarecki, K. Response of Aspergillus nidulans and Physarum polycephalum to microwave irradiation 1-4324
- Mezzanares, F. *see* Arena, N. 1-50491
- Mezzanotte, D. *see* Atrns, A. 1-16090

- Mezzetti, F. *see* Bostick, W.H. 1-34060
- Mezzetti, M., Predolin, F., Giuricin, G., Mardirosian, F. Revised photometric elements of eight eclipsing binaries 1-9573
- Mezzetti, M. *see* Cancellieri, G. 1-6676
- Mezzetti, M. *see* Cester, B. 1-44445
- Mezzi, G. *see* Donida, G. 1-33331
- Mhaskar, S.P. *see* Naik, P.K. 1-30543
- Mhlyustikov, I.N., Khaikin, M.S. Quantum magnetometer with superconducting transformer of sensitivity 1 nMx 1-44963
- Mialhe, P. *see* Charles, J.P. 1-43770
- Mian Chang *see* Chang Mian
- Miane, J.-M. *see* Girard, C. 1-53456
- Miane, M. A double nomogram [for one known and three derived acoustic parameters] 1-37749
- Miannay, D. Dry stress corrosion 1-48543
- Miannay, D., Nomine, A.M. Contribution to the identification of the mechanisms responsible for the plastic deformation at low temperature of an alloy uranium-7.5 w% Nb-2.5 w% Zr 1-35336
- Miao, C.C. *see* Bartiz, J.G. 1-45588
- Miao Ho-Cho, Chow Chia-Bao, Liu Yuan-Ho, Chiang Tso-Chao, Liu Kuo-Liang, Tang Chen-Huei Studies on the application of hot-pressed silicon nitride ceramics as cutting-tools 1-21393
- Miao Rong-Zhi *see* Wang Zheng-Da 1-45492
- Miao-hong Liu *see* Liu Miao-hong
- Miaohong Liu *see* Liu Miao-hong
- Mica, G. *see* Stoecker, H. 1-32593
- Miceli, J.J. *see* McLaughlin, P.O. 1-51589
- Micha, D.A. Few-body processes in atom-diatom collisions 1-51271
- Micha, D.A. *see* Bosanac, S. 1-31257
- Michael, C. *see* Winder, R. 1-520
- Michael, J.V. Do N(S) atoms react with alkenes and alkynes? 1-17032
- Michael, J.V., Nava, D.F., Borkowski, R.P., Payne, W.A., Stief, L.J. Pressure dependence of the absolute rate constant for the reaction $\text{OH} + \text{C}_2\text{H}_6$ from 228 to 413K 1-35523
- Michael, J.V., Nava, D.F., Payne, W.A., Stief, L.J. Rate constants for the reaction of atomic chlorine with dimethyl peroxide from 220 to 330K 1-31838
- Michael, J.V. *see* Stief, L.J. 1-4064
- Michael, L.H., Seitz, P., McMillin-Wood, J., Chang, D., Hazlewood, C., Entman, M.L. Mitochondrial water in myocardial ischemia: investigation with nuclear magnetic resonance 1-4252
- Michael, P. *see* SethuRaman, S. 1-54257
- Michaelides, P. *see* Johnson, P. 1-5659
- Michaelides, P. *see* van Apeldoorn, G.W. 1-45357
- Michaelidis, P. Orbits near a 2/3 resonance 1-27565
- Michaelidis, P. *see* Contopoulos, G. 1-13674
- Michaelidou, Ch. *see* Johnson, P. 1-5659
- Michaelidou, Ch. *see* van Apeldoorn, G.W. 1-45357
- Michaelis, E.G. *see* Dellacasa, G. 1-14766
- Michaelis, E.G. *see* Stanovnik, A. 1-23950
- Michaelis, J. *see* Doetschman, D.C. 1-6289
- Michaelis, M.M. Laser beam guidance by flames 1-22983
- Michaelis, M.M., Willi, O. Refractive fringe diagnostics of laser produced plasmas 1-42209
- Michaelis, M.M. *see* Poole, K.F. 1-40803
- Michaelis, W. *see* de Boer, H. 1-250, 1-252
- Michaels, L., Hutter, D. Analysis and simulation of the PLT/PDX ohmic heating current reversal system 1-6020
- Michaelsen, R. *see* Kantus, R. 1-50560
- Michaelson, J.D. A first-order model of a photo-activated liquid crystal light valve 1-24490
- Michaelson, J.D., Sawchuk, A.A. Nonlinear optical processing using liquid crystal light valves 1-24491
- Michaelson, S.M. *see* Shin-Tsu Lu 1-22064
- Michailov, G.V. *see* Pugnet, M. 1-8129
- Michailov, I.G. *see* Skripov, A.V. 1-31048
- Michal, G.M., Sinclair, R. A quantitative assessment of the capabilities of 21/2D microscopy for analysing crystalline solids 1-38213
- Michalec, R.T. *see* Mikula, P. 1-7048
- Michalik, A. Problem of accuracy of chemical colorimeters in analytical measurements 1-31961
- Michalitsianos, A.G., Kafatos, M., Hobbs, R.W. IUE observations of a luminous M supergiant that exhibits emission continuum in the far ultraviolet 1-22796
- Michalitsianos, A.G. *see* Kafatos, M. 1-9507, 1-36282, 1-36303, 1-36304
- Michalodimitrakis, M. The families C1 V and M2 V of the three-dimensional general three-body problem 1-36165
- Michalodimitrakis, M. *see* Hadjidenetriou, J.D. 1-36164, 1-40366
- Michalodimitrakis, M. *see* Ichtiaroglou, S. 1-36162
- Michalodimitrakis, M. *see* Ichtiaroglou, S. 1-17758
- Michalodimitrakis, M. *see* Katopodis, K. 1-13669
- Michalowicz, A. *see* Birs, R. 1-51060
- Michalowska-Smak, A. The relationship between total precipitable water and surface humidity in Legonowo 1-9194
- Michalska-Trautman, R. Spectral moments in coherent resonant propagation 1-19390
- Michalska-Trautman, R. Exact solution of the initial eigenvalue problem for coherent pulse propagation 1-24446
- Michalske, T.A., Frechette, V.D. Dynamic effects of liquids on crack growth leading to catastrophic failure in glass 1-39487
- Michalske, T.A. *see* Frechette, V.D. 1-38436
- Michalski, E., Demianiuk, M., Kaczmarek, S., Zmija, J. Some new aspects of polytypic structures in ZnS_2 , Se mixed crystals 1-38335
- Michalski, J.J., Stokes, G.M., Szkody, P., Larson, N.R. Broad-band polarization observations of SS 433 1-27532
- Michard, F. Acoustic-optical interactions 1-39064
- Michard, F., Perrin, B. Phonon resonant absorption probed by acoustic-optic interaction in some ionic molecular crystals 1-15991
- Michard, R. On the M/L ratios in elliptical galaxies 1-27601
- Michaud, G. *see* Borsenberger, J. 1-54501
- Michaud, J.D., Jones, D.W. Thin-layer chromatography for broad-spectrum drug detection 1-53501
- Michaut, J.P., Roncin, J. A new assignment of the ESR spectra obtained from a single crystal of dimethylnitramine photolyzed at low temperature 1-38984
- Michaut, J.P. *see* Bonazzola, L. 1-26038
- Michel, B. An example of the applicability of the methods of calculation based on continuum mechanics to the elucidation of structures in the modern physics of solid bodies 1-6764
- Michel, B. About the mechanical and thermal behavior of a highly stressed shallow Earth region: elastic energy 1-40070
- Michel, B., Hirt, A. Velocity-depth estimation from wide angle seismic reflection arrivals 1-9261
- Michel, B. *see* Courau, A. 1-14440
- Michel, C., El Masri, Y., Holzmann, R., Van Hove, M.A., Vervier, J. Lifetimes of rotational levels in ^{10}W 1-23602
- Michel, C. *see* Colin, E. 1-49297
- Michel, D. Observation of order-disorder phenomena by vibrational spectroscopy 1-39069
- Michel, D. *see* Deininger, D. 1-26660
- Michel, D. *see* Lejus, A.-M. 1-38439
- Michel, D. *see* Rachmat, B. 1-42009
- Michel, D. *see* Raucher, H.J. 1-51110
- Michel, F. *see* Duggan, F. 1-50608
- Michel, F.C. The quiet aligned rotator 1-13794
- Michel, G. *see* Davis, D.S. 1-36178
- Michel, G.W. *see* Gagan, D. 1-40787
- Michel, H. *see* Gerard, D. 1-39331
- Michel, H.V. *see* Alvarez, L.W. 1-9157
- Michel, J. The effect of external factors on mechanical properties of strip micro-alloyed steel with increased yield point 1-12854
- Michel, J.P., Champier, G. The dislocation configuration in zinc single crystals deformed under pyramidal slip of the second kind (11-22) (11-23) 1-11765
- Michel, K.H., Courten, E. Dynamics of translations and rotations in molecular crystals: macroscopic and microscopic approaches 1-42330
- Michel, K.H., Rowe, J.M. Existence of an orientational glass state in $(\text{KCN})_x(\text{KBr})_{1-x}$ mixed crystals 1-2573
- Michel, K.H. *see* Ehrhardt, K.D. 1-42496
- Michel, P., Pfau, S., Rutscher, A., Winkler, R. Diffusion theoretical description of dissociation and ion lifetimes in a weakly ionised hydrogen discharge column plasma. I. Reaction mechanisms - balance equation system and solution method 1-2152
- Michel, P., Pfau, S., Rutscher, A., Winkler, R. Dissociation and ionisation balance in the weakly ionised hydrogen calcium plasma based on the diffusion theory. II. Macroscopic quantities of the electrons in H/H_2 mixture 1-6927
- Michel, P., Pfau, S., Rutscher, A., Winkler, R. Dissociation and ionisation balance in the weakly ionised hydrogen column plasma based on the diffusion theory. III. Characteristic values of the positive column at different pressure (0.3...10 Torr) and different currents (10^{-4} ...1 A) 1-34133
- Michel-Calandini, F.M., Chermette, H. Incidence of ferroelectric phase transitions on the electronic structure of potassium niobate 1-34626
- Michel-Calandini, F.M., Chermette, H. Incidence of ferroelectric phase transitions on the electronic structure of potassium niobate 1-52485
- Michel-Calandini, F.M. *see* Castet-Mejcan, L. 1-39059
- Michelato, P. *see* Guazzoni, P. 1-37078
- Micheletti, S. *see* De Leo, R. 1-14520, 1-28436
- Micheletti, S. *see* D'Erasmo, G. 1-45511
- Micheli, C. Considerations on a combined and hybrid solar/fossil fuel cycle 1-26818
- Michelini, A. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Michelini, A. *see* Hammarstrom, R. 1-14739
- Michelis, B. *see* De Michelis, B.
- Michelis, B. *see* De Michelis, B.
- Michelis, V. *see* De Michelis, V.
- Michelotti, R.A. *see* Johnson, R.L. 1-990
- Michelotto, G. *see* Gottardi, V. 1-3701
- Michels, A.C. *see* Boots, H.M.J. 1-6918
- Michels, A.C. *see* Huijser, R.H. 1-38048
- Michels, A.C. *see* Trappeniers, N.J. 1-15592
- Michels, D.J., Howard, R.A., Koomen, M.J., Sheeley, N.R., Jr. Satellite observations of the outer corona near sunspot maximum 1-4900
- Michels, D.J. *see* Koomen, M.J. 1-13756
- Michels, D.J. *see* Poland, A.I. 1-54466
- Michels, J.P.J., Trappeniers, N.J. Molecular dynamical calculations on the transport properties of a square-well fluid. II. The viscosity above the critical density 1-25135
- Michels, T.I. Early field experience, performance, operation and cost-effectiveness of a passive solar heating retrofit 1-35603
- Michels, W. *see* Volkmer, H. 1-32303
- Michelsen, A. *see* Martens, H.J.M. 1-37738
- Michelsen, P. *see* Karpmann, V.I. 1-6960
- Michelsen, P. *see* Lynov, J.P. 1-19953
- Michelsen, U. *see* Berger, C. 1-5636
- Michelsen, U. *see* Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Michelson, H. *see* Ben-Avraham, Z. 1-32478
- Michenaud, J.P., Heremans, J., Boxus, J., Hautmont, C. Longitudinal magnetostriction of bismuth above the last quantum limit 1-31006
- Micheron, F. *see* Broussoux, D. 1-52091
- Micheron, F. *see* Lacabanne, C. 1-38296
- Micheron, F. *see* Servet, B. 1-52090
- Michew, V.S. Effect of some factors on the kinetics of the martensitic transformation and properties of unstable austenitic steels during deformation 1-16776
- Michiguchi, Y. *see* Hashimoto, Y. 1-45704
- Michihiro, K. *see* Inoue, Y. 1-44758
- Michihiro, Y. *see* Omote, M. 1-136
- Michl, J. *see* Jonkman, H.T. 1-29148
- Michler, G.H. Morphological investigations of compact polymers by means of electron microscopy 1-2350
- Michna, M. *see* Przybyłowicz, K. 1-16089
- Michon, P. *see* Grenet, J. 1-42658
- Michov, M. *see* Skumriev, V. 1-38951
- Mickel, T.J. *see* Childress, J.J. 1-54258
- Mickens, R.E. Radiative corrections to a non-linear oscillator 1-1922
- Mickey, M.R. *see* Fairchild, M.D. 1-17377
- Mickleton, A.R. *see* Erikus, M. 1-46562
- Micklitz, H. *see* Abd-Elmeguid, M.M. 1-7988, 1-43051
- Micklitz, H. *see* Romer, R. 1-38723
- Micnas, R. *see* Robaszkiewicz, S. 1-42939
- Miederer, J., Revesz, Z. The frequency of micro-nuclei as a measure of cell survival in irradiated cell populations 1-8921
- Middelkoop, S., Noorlag, D.J.W. The present and future of silicon microtransducers (SMTs) 1-44909
- Middelkoop, G. *see* van Middelkoop, G.
- Middelkoop, G. *see* van Middelkoop, G.
- Middlecoff, J.F. *see* Thomas, P.D. 1-2054
- Middlettich, J. *see* Mason, K.O. 1-5001, 1-49726
- Middlettich, J. *see* Schweizer, F. 1-49693
- Middlemiss, K.M. *see* Gaunt, D.S. 1-5240
- Middlemiss, K.M. *see* Whittington, S.G. 1-18167
- Middleton, F.H. *see* LeBlanc, L.R. 1-11225
- Middleton, J.F. A review of relative diffusion analysis and results 1-27199
- Middleton, J.H. *see* Foster, T.D. 1-4504
- Middleton, P. A re-examination of atmospheric sulphuric acid aerosol formation and growth 1-21791
- Middleton, R.P. *see* Kelby, S.D. 1-9817
- Midgett, C. *see* Bennett, R.A. 1-18807
- Midorikawa, M., Kashida, H., Sawada, A., Ishibashi, Y. Ferroelectricity in $\text{Pb}_3(\text{VO}_4)_2$ crystal 1-8024
- Midorikawa, S. Symmetry restoration of the electro-weak interactions 1-14309
- Midorikawa, S. Symmetry behavior of the effective gauge theory 1-50324
- Miedan-Gros, A. *see* Plumier, R. 1-25942
- Miedema, A.R. Model predictions of the dissociation energies of homonuclear and heteronuclear diatomic molecules of two transition metals 1-46161
- Miedema, A.R., De Boer, F.R., Boom, R. Predicting heat effects in alloys 1-42541
- Miedema, A.R., Dorjain, J.W.F. The exceptional properties of mercury and other divalent metals 1-52270
- Miedema, A.R. *see* De Boer, F.R. 1-4120
- Miehe, C. *see* Huck, A. 1-23609
- Mieke, S., Nüsk, R. On the TL mechanism of LiF:Tl 1-7506
- Mielke, Z. *see* Wierzejska-Hnat, M. 1-10735
- Mielniczuk, W.J., Chrostowski, J. Incoherent effects in the optical up-conversion process 1-51552
- Mier-Jedrzejewicz, W.A.C., Hughes, W.J. Phase skipping and packet structure in geomagnetic pulsation signals 1-40281

- Mieras, H., Bennett, C.L., Lyons, R. Time domain integral equation approach to EM scattering by dielectric solids 1-1464
- Miertus, S., Scrocco, E., Tomasi, J. Electrostatic interaction of a solute with a continuum. A direct utilization of ab initio molecular potentials for the prevision of solvent effects 1-45877
- Mierzecki, R. *see* Kozakowski, G. 1-45966
- Mies, F.H. A scattering theory of diatomic molecules. General formalism using the channel state representation 1-33444
- Mies, F.H. A scattering theory of diatomic molecules. Expansion in adiabatic electronic-rotational states 1-33445
- Mies, F.H., Ben Aryeh, Y. Kinetics and spectroscopy of near-resonant optical pumping in intense fields 1-37270
- Miescher, E. Quartet-doublet interactions observed in the emission spectrum of the NO molecule 1-6252
- Miescher, E. *see* Ono, Y. 1-37274
- Miettinen, H.I. *see* DeGrand, T.A. 1-50476
- Miettinen, J., Mattila, L., Ollikkala, H. Small-break LOCA studies of a PWR 1-50812
- Miewaldt, R.A., Spalding, J.D., Stone, E.C., Vogt, R.E. The isotopic composition of solar flare accelerated magnesium 1-54439
- Miezia, F.M., Myerson, J., Julez, B., Allman, J.M. Evoked potentials to dynamic random-dot correlograms in monkey and man: a test for cyclopean perception 1-39917
- Migachev, S.A. *see* Golenishchev-Kutuzov, V.A. 1-21073
- Migacheva, E.M. *see* Zhukov, A.G. 1-42654
- Migal, V.K., Uporov, A.P. Calculation of heat exchange in pipes with spiral sheet intensifiers 1-6855
- Migal', V.P. Reduction of germanium diiodide in the flow-type system $\text{Ge-I}_2\text{-H}_2$ 1-31845
- Migal', Yu.F. Integration of the Schrodinger equation in the case of a molecular potential of general form (the many-center method of combined differential equations) 1-33532
- Migault, A., Romain, J.P., Jacquesson, J. High pressure melting curves and Gruneisen coefficient for some metals 1-38513
- Migdal, A.A. Exact equivalence of multicolour QCD to the Fermi string theory 1-14341
- Migdal, A.A. *see* Makeenko, Yu.M. 1-5596, 1-18444
- Mighell, A.D., Stalick, J.K. The reliability of powder indexing procedures 1-29993
- Mighell, A.D. *see* Stalick, J.K. 1-9794
- Migliardo, P. *see* Liotta, F. 1-1243
- Migliardo, P. *see* Fontana, M. 1-8064
- Migliardo, P. *see* Fontana, M.P. 1-30433
- Migliaresi, C. *see* Adeo, A. 1-13181
- Migliorati, B., Palmieri, A. Test facility for reactor coolant pumps, in full operating conditions 1-45590
- Migliorato, P. *see* Coluzza, C. 1-8704
- Migliorato, P. *see* White, A.M. 1-47706
- Migliore, M. *see* Fornili, S.L. 1-50189
- Migliorini, P. *see* Damasso, E. 1-54163
- Migliuolo, S., Patel, V.L. Quasi-linear effects of linearly unstable compressional Alfvén waves 1-2186
- Mignaco, J.A., Roditi, I. Ground-state energy of three-body Coulomb systems through hyperspherical harmonics 1-45828
- Mignanelli, M.A., Potter, P.E., Barker, M.G. An investigation of the sodium-perium-oxygen system 1-53164
- Mignanelli, M.A. *see* Adamson, M.G. 1-50760
- Mignani, R. *see* Caloi, R. 1-5610
- Mignard, F. The evolution of the lunar orbit revisited. II 1-4790
- Mignard, F. Evolution of the Martian satellites 1-44460
- Mignard, F. *see* Afonso, G. 1-4739
- Migneco, E. *see* Alba, R. 1-50675
- Mignerey, A.C. *see* Back, B.B. 1-718, 1-14561
- Mignerey, A.C. *see* Breuer, H. 1-23674
- Mignerey, A.C. *see* Hilscher, D. 1-50639
- Migniot, C., Viguier, J. Influence of offshore coarse-grained material extraction on coastal equilibrium 1-27147
- Mignon, J. *see* Gaspard, C. 1-21484
- Mignon, J. *see* Marique, C. 1-8335
- Mignot, J.M. *see* Benoit, A. 1-30898
- Mignot, J.M. *see* Ribault, M. 1-3025
- Migolinetis, I.M., Firtsak, Yu.Yu., Smaga, I.V., Dovgoshei, N.I., Grechka, G.P. Coating of yttrium iron garnets in the near infrared region of the spectrum 1-41800
- Migoni, R., Tome, C.N., Smetniansky-De Grande, N., Savino, E.J. Lattice static Green function for an HCP lattice 1-5248
- Migovich, I.M. *see* Shilo, N.A. 1-22189
- Miguel, B. A linear capacitance meter 1-304
- Miguel, M.S., Gunton, J.D., Dee, G., Sahni, P.S. Theory of spinodal decomposition in relaxational tricritical models 1-52301
- Miguel, M.S. *see* San Miguel, M.
- Migun, N.P. *see* Kolpashchikov, V.L. 1-6856
- Migus, A., Martin, J.L., Astier, R., Orszag, A. A model of ultra-short pulse amplification 1-51478
- Migus, A. *see* Ippen, E.P. 1-19369
- Migus, A. *see* Martin, J.L. 1-9067, 1-35753
- Migus, A. *see* Myszyrowicz, A. 1-52966
- Migus, A. *see* Shank, C.V. 1-15035
- Mihac-Kosanovic, T. *see* Girt, E. 1-34493
- Mihailescu, G. *see* Serbanescu, A. 1-14840
- Mihailescu, I.N. *see* Ursu, I. 1-19921
- Mihailov, A.A. *see* Uzelac, N.I. 1-15657
- Mihailov, B.A. *see* Efimov, A.M. 1-43128
- Mihailov, G. *see* Zuker, M. 1-50105
- Mihailovic, M.V. *see* Beck, R. 1-28490
- Mihajlov-Dudukovic, A.N. *see* Djordjevic, B.D. 1-38035
- Mihajlovic, A. *see* Bozic, B. 1-16831
- Mihajlovic, D. *see* Bozic, B. 1-16831, 1-16832
- Mihalas, D. Difference-equation methods for the solution of radiative transfer problems in media with discontinuities 1-36175
- Mihalisin, T. *see* Boling, E. 1-25699
- Mihalisin, T. *see* Bossard, P. 1-25721
- Mihalisin, T. *see* Maury, A. 1-25722
- Mihalisin, T. *see* Ward, J. 1-20672
- Mihalisin, T.W. *see* Crow, J.E. (editor) 1-17940
- Mihalkovics, T. *see* Karolak, J. 1-38162
- Mihalov, J.D. *see* Frank, L.A. 1-40388
- Mihaly, G., Bouffard, S., Zuppiroli, L., Bechgaard, K. Transverse and longitudinal resistivities of pure and irradiated TMTSF-DMTCNQ 1-25714
- Mihama, K. *see* Saito, Y. 1-25197
- Mihara, T., Otake, S., Fukushima, H., Doyama, M. Structural relaxation in amorphous $\text{Fe}_{40}\text{Ni}_{40}\text{P}_{14}\text{B}_6$ alloy studied by positron annihilation 1-47007
- Mihara, T. *see* Shima, K. 1-10687
- Mihara, T. *see* Yamamoto, R. 1-15832
- Mihashi, H., Sasaki, T., Izumi, M. Failure process of concrete: crack initiation and propagation 1-43525
- Mihir Sen *see* Trevino, C. 1-29797
- Mihkelsoo, V. *see* Hizhnyakov, V. 1-8123
- Mihori, T., Okamoto, T. The use of semiconductor heating element for high accuracy calorimeter 1-14118
- Mihut, L. *see* Baltog, I. 1-21246
- Mihut, L. *see* Marculescu, L. 1-21264
- Miida, R., Kasahara, M., Watanabe, D. Long-period antiphase domain structures of Al-Ti alloys near composition $\text{Al}_{50}\text{Ti}_{50}$ 1-25290
- Miida, Y., Ukigai, M. Reflection of spherical sound wave from a rigid cylinder of finite length 1-1749
- Miike, H. *see* Koga, K. 1-35789
- Miiller, A.P. *see* Cezairliyan, A. 1-30413
- Miimi Tatsuya *see* Tatsuya Miimi
- Mijatovic, M., Milosevic, S. Equal-time correlation functions of the dimerized Ising chain with next-nearest neighbour interactions 1-3130
- Mijnheer, B.J. *see* McDonald, J.C. 1-44008
- Mijnheer, B.J., Wieberdink, T.J., Battermann, J.J. In vivo dosimetry in the pelvis during fast neutron therapy 1-32449
- Mijnheer, B.J., Williams, J.R. Determination of absorbed dose and kerma in a neutron field from measurements with a tissue-equivalent ionisation chamber 1-44014
- Mijnheer, B.J. *see* Zoetelief, J. 1-23864
- Mika, J. Systems of evolution equations and the singular perturbation method 1-14022
- Mikaelian, A.E. Self-focusing media with variable index of refraction 1-29351
- Mikaelian, K.O., Zheleznykh, I.M. $\bar{\nu}_e$ annihilations 1-14368
- Mikaelian, K.O. *see* Grose, T.R. 1-45180
- Mikaelyan, G.T. *see* Bogatov, A.P. 1-6584
- Mikaelyan, L.A., Fayans, S.A. Elastic scattering of neutrinos by nuclei 1-5617
- Mikal'kov, V.M. *see* Anferov, V.P. 1-50127
- Mikami, H. Test of the Fourier-type amplitude in the ρ region 1-585
- Mikami, H. *see* Suzuki, M. 1-870
- Mikami, N. Laser spectroscopy of polyatomic molecules in supersonic free jets 1-33451
- Mikami, N., Hiraya, A., Fujiwara, I., Ito, M. The fluorescence excitation spectrum of aniline in a supersonic free jet: double minimum potential for the inversion vibration in the excited state 1-6295
- Mikami, O., Noda, J., Iwasaki, H. Coupling-length trimming by metal loading in optical coupled-waveguides 1-46553
- Mikami, O. *see* Ikezawa, S. 1-42162
- Mikami, O. *see* Mikawa, T. 1-45006
- Mikami, T. Microcirculation and material exchange. III. Oxygen transfer 1-43888
- Mikami, Y. The numerical evaluations of the density of states weighted Franck-Condon factor in large molecules. Effects of frequency changes 1-1280
- Mikawa, T., Kagawa, S., Kaneda, T., Sakurai, T., Ando, H., Mikami, O. A low-noise n^+p germanium avalanche photodiode 1-45006
- Mikel'son, M.Ya., Khokhbergs, L.A. Anisotropy of fatigue breakdown of filled amorphous polymers 1-48494
- Mikencen, G. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Mikenda, W. *see* Steidl, H. 1-21741
- Mikerina, N.V. *see* Ivanov, K.G. 1-13647
- Mikervor, V.I. *see* Aibergenov, T.A. 1-10404
- Mikervor, V.I. *see* Antonov, A.V. 1-33279
- Mikes, J. *see* Ilavsky, M. 1-48028
- Mikessell, G.W., Jr. *see* Reed, R.D. 1-49175
- Mikhaelian, V.M. *see* Nevskii, O.B. 1-3489
- Mikhail, A.G., Hankey, W.L., Shang, J.S. Computation of a supersonic flow past an axisymmetric nozzle boattail with jet exhaust 1-19777
- Mikhail, F.I., Wanas, M.I. Tetrad vector fields and the formation of protogalaxies 1-44686
- Mikhail, I.F.I., Hansen, O.P. The electron Fermi energy of bismuth at high temperatures 1-34618
- Mikhailenko, A.V., Frolov, V.F., Romankov, P.G. Thermal or diffusion treatment of dispersed material in a dense moving layer 1-29693
- Mikhailenko, B.G. *see* Alekseev, A.S. 1-35947
- Mikhailov, A.A. On the calculation of twelve constants for the reduction of astrophysical measurements 1-49478
- Mikhailov, A.I. Near-threshold Raman-type three-photon processes 1-41358
- Mikhailov, A.I. *see* Alekseev, V.E. 1-22102
- Mikhailov, A.M. *see* Kavlakan, M.V. 1-29555
- Mikhailov, A.N., Trofimov, V.S. Determination of the strength of copper upon dissociation of a cumulative jet 1-26583
- Mikhailov, A.N. *see* Shimenovich, B.S. 1-32173
- Mikhailov, A.S., Antufeeva, G.I. Investigation of the influence of certain conditions of contact-diffusion paste processing on the characteristics of a photographic image 1-36759
- Mikhailov, A.S., Uporov, I.V. Noise-induced phase transition and the percolation problem for fluctuating media with diffusion 1-27882
- Mikhailov, A.V. *see* L'vov, V.S. 1-51750
- Mikhailov, A.V. *see* Portnoi, K.I. 1-2597, 1-25465
- Mikhailov, B.A. On the accuracy limitation associated with obtaining absolute values of optical constants by FTIR methods 1-29210
- Mikhailov, B.A., Arkatova, T.G., Efimov, A.M. Quantitative determination of the reflection coefficient and a calculation of the IR optical constants of borate glasses 1-43092
- Mikhailov, E.G. *see* Kaganovskii, Yu.S. 1-2832
- Mikhailov, G.A. Highly sensitive accelerometer for measuring the vibrations of experimental equipment 1-18201
- Mikhailov, G.K. *see* Koiter, W.T. (editor) 1-5029
- Mikhailov, G.V. *see* Bakaev, V.G. 1-1611
- Mikhailov, G.V. *see* Collet, J. 1-48157
- Mikhailov, I.E. *see* Furmanova, N.G. 1-41515
- Mikhailov, I.F., Alaverdova, O.G., Fuks, M.Ya. Studying the structural perfection of single crystals by analyzing the broadening of X-ray diffraction lines 1-29965
- Mikhailov, I.F. *see* Kryuger, D.B. 1-47414
- Mikhailov, I.G. *see* Grigor'ev, S.B. 1-42477
- Mikhailov, I.G. *see* Kot'sova, I.S. 1-38468
- Mikhailov, I.N., Molina, J.L., Nazmidinov, R.G. Strength-function algorithm for stationary problems 1-5720
- Mikhailov, I.N. *see* Begzhanov, R.B. 1-603
- Mikhailov, I.N. *see* Ignatyuk, A.V. 1-10291
- Mikhailov, I.N. *see* Vinogradova, E.V. 1-32176
- Mikhailov, M.D., Ozisik, M.N. A general solution of solute diffusion with reversible reaction 1-35532
- Mikhailov, M.D. *see* Apykhin, N.D. 1-43331
- Mikhailov, M.N. *see* Jordanova, I.N. 1-23928
- Mikhailov, M.V. *see* Tokar, E.N. 1-50121
- Mikhailov, S.I. *see* Basov, N.G. 1-23294
- Mikhailov, S.I. *see* Bel'dyugin, I.M. 1-33755
- Mikhailov, S.I. *see* Zubarev, I.G. 1-51494
- Mikhailov, S.V. *see* Efremov, A.V. 1-41001
- Mikhailov, V.A., Ennenberg, M.G. A device for measuring optical density of wide-format X-ray films 1-39995
- Mikhailov, V.D. *see* Kabanov, V.V. 1-15406
- Mikhailov, V.G. *see* Parshikov, V.G. 1-53143
- Mikhailov, V.I. *see* Alekseeva, O.K. 1-3531
- Mikhailov, Y.M., Mikhailova, M.A. Ratios of reduced lifetimes τ_f for beta transitions between rotational bands 1-33242
- Mikhailov, V.M. *see* Kuz'menko, N.K. 1-23530
- Mikhailov, V.V., Prous, V.R., Goncharov, N.S. Characteristics of current sensors with a magneto-dielectric magnetic circuit 1-36643
- Mikhailov, V.V. *see* Dushenko, V.F. 1-38576
- Mikhailov, V.V. *see* Revutskii, V.M. 1-47108
- Mikhailov, V.V. *see* Zhigun, I.G. 1-31795
- Mikhailov, Yu.A. *see* Basov, N.G. 1-6596
- Mikhailov, Yu.K. *see* Davidov, V.A. 1-1023
- Mikhailov, Yu.N. *see* Kanisheva, A.S. 1-25226, 1-25231, 1-30189
- Mikhailova, D.I. *see* Aleksandrov, T. 1-5308
- Mikhailova, E.I., Mikhailova, V.I. Influence of the ratio of concentrations of potassium iodide and potassium bromide during emulsification on the characteristics of the holographic emulsion LOI-2 1-23346
- Mikhailova, E.N., Shapiro, N.B. A two-dimensional model of evolution of synoptic disturbances in the ocean 1-32450
- Mikhailova, K.A. *see* Tikhonov, K.I. 1-35528
- Mikhailova, M.A. *see* Mikhailov, V.M. 1-33242

- Mikhailova, M.P. *see* Zhingarev, M.Z. 1-34783, 1-34787
- Mikhailova, N.P., Glevasskaya, A.M., Tsykora, V.N. The results of studies in magnetization of igneous rocks of the Ukraine in connection with the geomagnetic field history and magmatism problems 1-27060
- Mikhailova, N.P., Repik, E.U. Influence of viscosity on the readings of very small flattened Pitot tubes at low flow velocities 1-19840
- Mikhailova, V.A. *see* Kondakova, L.V. 1-282
- Mikhailova, V.I. *see* Mikhailova, E.I. 1-23346
- Mikhailovskaya, E.V., Kostyshin, M.T., Sharyl, V.M. Kinetics of decay of red luminescence in $PbBr_2$ and PbI_2 crystals 1-8119
- Mikhailovskii, A.B., Klimentov, V.A. The microinstabilities of a high- β plasma flow with a non-uniform velocity profile 1-29858
- Mikhailovskii, A.B., Svimonishvili, I.I., Suramishvili, G.I. Effect of impurities on nonpotential instabilities in Tokamak-07 Mikhailovskii, A.B. (I. V. Kurchatov in Tokamaks 1-2220
- Mikhailovskii, M.P. *see* Filin, V.A. 1-22157
- Mikhailuyuk, I.S., Ostapovich, M.V., Kshevetskiy, S.A., Kushniryuk, G.V. Renninger peak intensities of 'forbidden' (222) reflection in Ge 1-2287
- Mikhajkin, S.S. *see* Zhihinskiy, A.P. 1-2161
- Mikhalechenko, R.S. *see* Verkin, B.I. 1-47221
- Mikhalechenko, V.P. *see* Venevtsev, Yu.N. 1-21141
- Mikhaleenko, S.I., Kuz'ma, Yu.B., Popov, V.E., Gurin, V.N., Nechitalov, A.P. New ternary carbides $ZrAlC_{2-x}$ and $HfAlC_{2-x}$ and their crystal structure 1-30165
- Mikhalevich, V.S., Popov, V.P. Studies in induced magnetic anisotropy annealing by positron annihilation method 1-20974
- Mikhalev, A.V. *see* Borzenko, V.P. 1-34127
- Mikhalev, M.F. *see* Verigin, A.N. 1-7106
- Mikhalev, M.S. *see* Zharov, A.I. 1-48492
- Mikhalevich, A.A. *see* Andrizhievskii, A.A. 1-18740
- Mikhalevich, A.A. *see* Lemeshev, V.U. 1-18738
- Mikhalevich, V.G. *see* Bozhkov, A.I. 1-1754
- Mikhalevskii, V.S., Tolmachev, G.N., Khassilev, V.Y.A. Optimization of the excitation conditions of a transverse RF discharge He-Cd laser 1-33668
- Mikhalevskii, V.S. *see* Karabut, E.K. 1-33427
- Mikhalevskii, V.S. *see* Kravchenko, V.F. 1-24432
- Mikhalevskii, V.S. *see* Tymianskii, Ya.R. 1-6551
- Mikhail'tsev, A.V., Mushin, I.A., Pogozhev, V.M. Algorithms and graphs for digital processing of amplitudes of reflections in structural-formation seismic prospecting 1-13607
- Mikhashchuk, E.P. *see* Karpinos, D.M. 1-31406
- Mikhaylov, A.V. Verification of the adequacy of the scheme for computing the real near-noon mid-latitude F_2 region of the ionosphere 1-4678
- Mikheenko, A.V. *see* Akhmanov, S.A. 1-33760
- Mikheenko, P.N. *see* Ivanchenko, Yu.M. 1-42926
- Mikheev, L.D. *see* Zuev, V.S. 1-33499, 1-33676
- Mikheev, M.N., Gorkunov, E.S., Antonov, A.V., Sitnikov, H.H. An instrument for nondestructive magnetic testing of the hardness of tempered parts of constructional and straight carbon steels 1-31810
- Mikheev, M.N. *see* Morozova, V.M. 1-31690
- Mikheev, V.N. *see* Aleksandrov, E.M. 1-53115
- Mikheeva, M.N. *see* Teplov, A.A. 1-34839
- Mikherjee, A.K. *see* Arieli, A. 1-8365
- Mikhnevich, V.Y., Pisanko, Yu.V., Rudneva, N.M. Relation between geomagnetic activity and the sector structure of the interplanetary magnetic field 1-22631
- Mikhnevitch, V.V. *see* Bokhan, Yu.I. 1-31102
- Mikhov, M. *see* Apostolov, A. 1-16910
- Mikhov, S.G. *see* Aneva, B.L. 1-33092
- Miki, H. *see* Morita, Y. 1-53741
- Miki, K. *see* Nakao, T. 1-10484
- Miki, M. *see* Hayashi, K. 1-53448
- Miki, T. *see* Ikeda, M. 1-18899, 1-27302
- Miki, T. *see* Kotaka, T. 1-35273
- Miki, Y. Application of the synchronized correlation method to the measurement of sound propagation over a ground surface 1-24627
- Mikiel, W. *see* Gubrynowicz, R. 1-17463
- Mikirtychiyants, S.M. *see* Barsov, S.G. 1-16518
- Mikitik, G.P., Nedorezov, S.S. Theory of nonlinear orbital magnetism of Bloch electrons 1-3127
- Mikitik, G.P. *see* Baikov, A.P. 1-15673
- Mikituk, V.I. *see* Luchitskii, R.M. 1-21214
- Mikituk, Z.M. *see* Dutchak, Ya.I. 1-2327
- Mikk, I.P. Optimization of convective circular fins 1-11289
- Mikkelsen, D.R. *see* Hulse, R.A. 1-6376
- Mikkelsen, I.S. *see* Nath, N. 1-27336
- Mikkelsen, J.C., Jr. Three-zone Bridgman-Stockbarger crystal growth furnace 1-26381
- Mikkelsen, J.C., Jr., Galeener, F.L. Steam thermal SiO_2 preparation and Raman characterization of free-standing films 1-26410
- Mikkelsen, J.C., Jr. *see* Galeener, F.L. 1-26204, 1-31139
- Mikkelsen, J.C., Jr. *see* Wu, A.Y. 1-7360
- Mikkelsen, T. *see* Troen, I. 1-21952
- Mikkelsen, K. *see* Thompson, J.E. 1-7013
- Mikkola, S. Refraction in a piecewise polytropic atmosphere 1-49382
- Mikkor, M. Volume optimization of sodium-sulfur batteries using various advanced cell concepts 1-53582
- Mikla, V.I., Semak, D.G., Kikineshi, A.A. Drift mobility and photoinduced changes in ChVS 1-38781
- Miklavic, M., Kuscer, I. Pressure corrections in measurements of energy accommodation coefficients 1-2106
- Miklavzic, U. *see* Budnar, M. 1-28134
- Mikler, J. *see* Janitsch, A. 1-7346
- Miklos, V. *see* Kabrhel, I. 1-29451
- Miklusch, V.V. *see* Burli, P.V. 1-2795
- Mikolajczak, P., Mazurek, P. The proton meter of magnetic field induction 1-306
- Mikolajczak, P. *see* Misra, S.K. 1-47942
- Mikolas, M., Bardocz, L. Recent investigations into problems of the Hagen-Poiseuille law of flow 1-6890
- Mikoshiba, N. *see* Fukase, T. 1-47435
- Mikoshiba, N. *see* Kukase, T. 1-2571
- Mikoshiba, N. *see* Morita, M. 1-43267, 1-47747
- Mikoshiba, N. *see* Morita, S. 1-47682, 1-47953
- Mikoshiba, N. *see* Noguchi, T. 1-3106, 1-3107
- Mikoshiba, N. *see* Sasaki, H. 1-37605
- Mikoshiba, N. *see* Suemune, I. 1-41702
- Mikoshiba, N. *see* Wasa, K. 1-3459, 1-21261
- Mikoshiba, N. *see* Yamashita, M. 1-46375
- Miks, A. A two-component pancreatic system for transformation of a Gaussian beam 1-46490
- Mikukami, T. *see* Yamada, M. 1-33692
- Mikula, P., Kulda, J., Vrana, M., Michalec, R.T. Double (1,-1) diffraction in a non-homogeneous deformed single crystal 1-7048
- Mikula, R.J. *see* Fleming, D.G. 1-6410
- Mikula, R.J. *see* Suzuki, T. 1-6353
- Mikulskis, P.P. *see* Silin, V.I. 1-41457
- Mikulskis, P.P. *see* Silinas, V.I. 1-21721
- Mikumoto, T. A possible rupture process of slow earthquakes on a frictional fault 1-54007
- Mikumoto, T. *see* Shima, K. 1-10687
- Mikumoto, T. *see* Shiono, K. 1-32427
- Mikumoto, T. *see* Takamaru, N. 1-25323
- Mikus, G. *see* Kroth, R. 1-45404
- Mikvabiya, V.D. *see* Sini, I.G. 1-8049
- Mikvabiya, V.D. *see* Smolenskii, G.A. 1-8050
- Milam, D. Fluence in 1064-nm laser beams. Its determination by photography with Polaroid film 1-37521
- Milam, D. *see* Carniglia, C.K. 1-37528
- Milam, D. *see* Lowdermilk, W.H. 1-19405, 1-37529, 1-41801
- Milam, D. *see* Temple, P.A. 1-29315
- Milam, C., Ouazzani, Y., Moret-Bailly, J. A new method for the measurement of the fractional part of the interference order of a Fabry-Perot interferometer 1-5368
- Milana, E., Rasello, F. An optical method for on-line evaluation of machined surface finishing 1-40756
- Milani, A. *see* Farinella, P. 1-36169
- Milani, N., Minelli, T.A., Pascolini, A. An extension of Kato's perturbation theory to resonant states 1-44781
- Milani, P. *see* Butcher, J.B. 1-5613
- Milani-Nejad, F. *see* Durig, J.R. 1-52947
- Milano, R.A. *see* Chin, R. 1-12189
- Milano, R.A. *see* Law, H.D. 1-48280
- Milano, R.A. *see* Liu, Y.Z. 1-33052
- Milanski, I.S. *see* Kary, Z. 1-15176
- Milant'ev, V.P. Method of averaging in the kinetic theory of a plasma 1-19871
- Milant'ev, V.P. *see* Golovanivskii, K.S. 1-25049
- Milashin, A.P. Difference in rock composition of the upper mantle in oceans 1-4473
- Milazzo, L. Colli *see* Colli Milazzo, L.
- Milborrow, D.J. The performance of arrays of wind turbines 1-4152
- Milbourn, S.W. Comet Panther (1980u) 1-36218
- Milbourn, S.W., Saw, D. Probable nova in Scutum 1-36301
- Milbrath, J.R., Schlager, K.J. Direct measurement and on-line automatic interpretation of breast thermographs 1-43943
- Milbrodt, T. *see* Connelley, D. 1-39320
- Milburn, H.B. *see* Hayes, S.P. 1-17604
- Milder, F. *see* Preedom, B.M. 1-45540
- Milidice, J.W., Valgora, M.E. Power management for multi-100 KWe space systems 1-53626
- Mildner, D.F.R., Wright, A.C. Neutron elastic diffraction and its potential use in structural studies of amorphous solids 1-30058
- Mildner, J., Hinz, W., Freyer, R. Equipment for thermoplastic image production 1-19301
- Mildrum, C.M. Economic evaluation of annular fuel for PWRs 1-45603
- Mildrum, H.F. *see* Abdelou, Z.A. 1-7893
- Milenko, Yu.A., Sibileva, R.M. Density measurement in liquid H_2 - D_2 solutions 1-52209
- Milenko, Yu.A., Sibileva, R.M. Dielectric constant and molar volumes of H_2 - D_2 liquid solutions 1-3318
- Miler, M., Skalsky, M. Grating device for coupling and focusing in a thin-film optical waveguide 1-37600
- Miller, M., Skalsky, M., Triskova, M. The application of optical gratings in planar waveguide optics 1-11181
- Miles, D.W., Farmer, M., Eyring, H. Calculations of the circular dichroism of adenosine derivatives constrained in the syn form 1-17349
- Miles, H.T. *see* Chowdhury, S.S. 1-2236
- Miles, J.B. *see* Klein, D.E. 1-11406
- Miles, J.H. Spectral structure of pressure measurements made in a combustion duct 1-29775
- Miles, J.W. A note on the drag on a slowly moving body in an axisymmetric rotating flow 1-1995
- Miles, J.W. On Kelvin-Helmholtz instability 1-6843
- Miles, J.W. Nonlinear Helmholtz oscillations in harbours and coupled basins 1-51739
- Miles, K.J., Reville, P., Holland, J.W., Pedersen, D.R. Gamma emission tomography of irradiated fuel bundles 1-43635
- Miles, L.A., Nolting, E.E., Vitkovitsky, I.M. Design of large area E-beam controlled switch 1-25115
- Miles, M.H., Fletcher, A.N. Cation effects on the electrode reduction of molten nitrates 1-8578
- Miles, P.A., Gallagher, J., Gentilman, R.L. Complete failure in sapphire under CO_2 laser heating 1-29310
- Miles, P.R. *see* Roberts, D.G. 1-40086
- Miles, R., Lauffer, G., Paddock, C., Faris, G. Piossecond double pass amplifier 1-11010
- Miles, R.B., Gelfand, J., Wilczek, E. Thin filament interferometric microphone 1-1793
- Miles, R.B. *see* DePristo, A.E. 1-37547
- Miles, R.B. *see* Rohlfing, E.A. 1-1328
- Miles, R.B. *see* Zimmermann, M. 1-38022, 1-41465
- Miles, R.O., Dandridge, A., Tveten, A.B., Taylor, H.F., Giallorenzi, T.G. Feedback-induced line broadening in CW channel-substrate planar laser diodes 1-37494
- Miles, R.O. *see* Dandridge, A. 1-6663, 1-24617, 1-46341
- Miles, R.T. *see* Holmes, J.F. 1-40227
- Milishkina, N.V. *see* D'yakonova, N.I. 1-3582, 1-12621
- Milet, B. *see* Rutter, G.H. 1-36222
- Milevskii, L.S., Chuviliv, Yu.N. Influence of annealing on the density of sources and on the mobility of dislocation segments in silicon 1-20228
- Milevskii, L.S., Milevskii, S.L., Sidorov, Yu.A., Malovetskaya, V.M., Chaava, T.I. Some features of the dislocation structure of single crystals of $Pb_{1-x}Sn_xTe$ 1-30230
- Milevskii, S.L. *see* Milevskii, L.S. 1-30230
- Milevskii, J. *see* Brunne, M. 1-41657
- Miley, G.H. Direct energy conversion for fusion power 1-50943
- Miley, G.H., Downum, W.B., Hively, L.M., Choi, C.K. Impurity buildup in Tokamak with radial electric fields 1-25031
- Miley, G.H., Greenspan, E., Gilligan, J. Potential use of nuclear pumped lasers as fusion drivers 1-18896
- Miley, G.H., Hora, H. Nonlinear plasma dynamics at high intensity laser interaction 1-34172
- Miley, G.H. *see* Boody, F.P. 1-24410
- Miley, G.H. *see* Dooling, T.R. 1-38190
- Miley, G.H. *see* Downum, W.B. 1-41241
- Miley, G.H. *see* Gilligan, J. 1-41250
- Miley, G.H. *see* Greenspan, E. 1-41237
- Miley, G.H. *see* Makowitz, H. 1-41249
- Miley, G.H. *see* Nebel, R.A. 1-41244
- Miley, G.H. *see* Roth, J.R. 1-14693
- Miley, G.K. *see* Van Groningen, E. 1-13877
- Mileykovskiy, S.A. Magnitude and rate of anthropogenic pollution of the World Ocean (literature survey) 1-4543
- Milgram, M.S. Approximate solutions to the half-space integral transport equation near a plane boundary 1-195
- Milhaud, G. *see* Graf, B. 1-17475
- Miholland, P., Manghani, M.H., Schlanger, S.O., Sutton, G.H. Geoaoustic modeling of deep-sea carbonate sediments 1-11231
- Milic, B.S. *see* Zigmant, V.J. 1-34066
- Milic, K., Orlova, A. Creep and structure of a stabilized 2.25 Cr-Mo steel 1-48425
- Milicevic, D.N. *see* Pandurovic, N.M. 1-28031
- Milievskii, R.A. *see* Gubenko, S.I. 1-16870
- Milievskiy, G.P. *see* Dzyubenko, N.I. 1-22591
- Milios, J. *see* Theocaris, P.S. 1-35346
- Miljanic, P.N., Stojanovic, B., Petrovic, V. A novel method for the measurement of power, power factor, RMS, and average values of voltage and current of distorted power frequency waves 1-36699
- Milkowska, G. *see* Kolenda, Z. 1-4129
- Mill, B.V., Levandov, M.V., Belov, K.P. New garnet materials for substrates 1-21338
- Mill, W.B. *see* Glasgow, G.P. 1-35886
- Millan, M.M. Remote sensing of air pollutants. A study of some atmospheric scattering effects 1-39858
- Millan Cerban, P.E. *see* Millan Cerban, S. 1-8985

- Millan Cebrian, S., Hernandez Vctoria, A., Millan Cebrian, P.E., Andreo Hernandez, P. Effect of the scattering medium on the scintigraphic image 1-8985
- Millar, C.A. A measurement technique for optical fibre break angles 1-46577
- Millar, C.A., Payne, D.B. Monomode fibre connector using fibre bead location 1-11155
- Millar, D.P., Robbins, R.J., Zewail, A.H. Direct observation of the torsional dynamics of DNA and RNA by picosecond spectroscopy 1-53748
- Millar, J. see Douglas, N.J. 1-13331
- Millar, J. see Fox, K. 1-27036
- Millar, J.M. see Dalal, N.S. 1-47935
- Millar, R. see Cranley, K. 1-8980
- Miller, T.J. Silicon chemistry in dense clouds 1-13827
- Miller, T.J. see Brown, A. 1-49655
- Millard, H.T., Jr. see Murrell, M.T. 1-54431
- Millard, R., Toole, J., Swartz, M. A fast responding temperature measurement system for CTD applications 1-4645
- Millie, G., Giuliano, M., Angelli, J.M., Chouteau, J. 1,2- and 2,1-benzoxazoles: infrared and Raman vibrational analysis 1-19103
- Millie, M. see Nagle, J.F. 1-48954
- Millie, P. see Benoit, D. 1-35357
- Millefiori, A. see Millefiori, S. 1-10669
- Millefiori, S., Millefiori, A. Intramolecular hydrogen bond in ortho-hydroxyazobenzenes 1-10669
- Millen, D.J. see Georgiou, A.S. 1-24145, 1-24284
- Millen, D.J. see Legon, A.C. 1-10712
- Millener, D.J. see Alburger, D.E. 1-36930
- Millener, D.J. see Warburton, E.K. 1-18595
- Miller see Armstrong 1-10254
- Miller, A. see McLaughlin, W.L. 1-944
- Miller, A. see Pidgeon, C.R. 1-31160
- Miller, A.A. see Burachevskii, Y.A. 1-31317
- Miller, A.D. Radiation source terms and shielding at TMI-2 1-18792
- Miller, A.D. Short-term lessons learned: radiation protection—the NSAC perspective 1-50959
- Miller, A.D. see Shaw, R.A. 1-28746
- Miller, A.J., Penfold, J., Pitt, G.D., Saunders, G.A. High pressure studies of ferroelectric lead barium germanate 1-34995
- Miller, A.J. see Ford, P.J. 1-2584
- Miller, A.J. see Pelzl, J. 1-30383
- Miller, A.J. see Yagurtcu, Y.K. 1-24633, 1-34396, 1-34428, 1-38431
- Miller, A.K. Modelling of cyclic plasticity with unified constitutive equations: improvements in simulating normal and anomalous Bauschinger effects 1-11804
- Miller, A.M. see Genkin, V.N. 1-30277
- Miller, B. see Kazacos, M.S. 1-31370
- Miller, B. see Menezes, S. 1-4208
- Miller, B. see Penn, L.S. 1-16148, 1-30523
- Miller, B.I. see Coldren, L.A. 1-24428
- Miller, B.I. see Iga, K. 1-1581, 1-15183
- Miller, B.J., Fuhr, J.R., Martin, G.A. Bibliography on atomic transition probabilities (November 1977 through March 1980) 1-13945
- Miller, C., Steed, J.M., Filkin, D.L., Jesson, J.P. Two-dimensional model calculations of stratospheric HCl and ClO 1-22443
- Miller, C. see Berkowitz, B.J. 1-26619
- Miller, C.A. The (p,2p) and (p,pn) reactions 1-50576
- Miller, C.E. see Chen, H.S. 1-39279
- Miller, C.M., Kummer, R.B. Direct measurement of mode coupling effects using a mandrel wrap mode filter [multimode optical fibers] 1-11133
- Miller, C.W., Fields, D.E. Applicability of Gaussian plume dispersion parameters to acute radionuclide releases 1-43840
- Miller, C.W., Little, C.A. Accuracy of Gaussian plume dispersion model predictions as a function of three atmospheric stability classification calculations 1-22400
- Miller, D.A., Pilkington, R. Cavity nucleation and growth in ferritic steels 1-43462
- Miller, D.A., Sanders, F. Mesoscale conditions for the severe convection of 3 April 1974 in the east-central United States 1-17666
- Miller, D.A. see Stone, P.H. 1-49335
- Miller, D.A.B. Reflective Fabry-Perot bistability with linear absorption. Theory of operation and cavity optimization 1-46425
- Miller, D.A.B., Smith, S.D., Johnston, A. Optical bistability and 'transistor' action in a semiconductor crystal 1-29327
- Miller, D.A.B., Smith, S.D., Seaton, C.T. Optical bistability in semiconductors 1-46426
- Miller, D.A.B., Smith, S.D., Wherrett, B.S. The microscopic mechanism of third-order optical nonlinearity in InSb 1-15233
- Miller, D.A.B. see Smith, D.S. 1-46433
- Miller, D.A.B. see Smith, S.D. 1-29326, 1-46438
- Miller, D.B. see Deden, H. 1-28311
- Miller, D.C., Rozgonyi, G.A. Defect characterization by etching, optical microscopy and X-ray topography 1-47088
- Miller, D.E. see Karsch, F. 1-214
- Miller, D.H. Nonstandard assignments of the τ lepton within SU(2) \otimes U(1) 1-50368
- Miller, D.J., DeLeon, R., Muentner, J.S. Zeeman effect measurements in SO₂: an internal magnetic field calibrant 1-24188
- Miller, D.J., Haneman, D. Preparation of stable efficient CdSe films for solar PEC cells 1-43786
- Miller, D.J. see de Silva, K.T.L. 1-48870
- Miller, D.L. Acoustical interaction of spherical and cylindrical bubbles on plane sheets and ribbons 1-37982
- Miller, D.L., Harris, J.S., Jr. Molecular beam epitaxial GaAs heteroface solar cell grown on Ge 1-48834
- Miller, D.L. see Bomb, R.R. 1-53426
- Miller, D.L. see Cohen, M.J. 1-16365
- Miller, D.L. see Williams, A.R. 1-8902
- Miller, D.R. see Cocks, G.J. 1-16785
- Miller, D.W., DeVuono, A.C., Schlosser, P.A., Christensen, R.N., Moore, C.A. Instrumentation needs for the nuclear waste isolation field testing program 1-45649
- Miller, D.W. see Bachar, A.D. 1-23542
- Miller, D.W. see Bertrand, F.E. 1-14502
- Miller, D.W. see Christensen, R.N. 1-848
- Miller, D.W. see Kelly, J. 1-28388
- Miller, D.W. see Rothenberg, L.N. 1-44022
- Miller, E.L. see Kujiyori, M.A. 1-33081
- Miller, E.S. see Biddick, C.J. 1-18532
- Miller, F.J. see Takezawa, J. 1-22029
- Miller, F.Q. see Richardson, P.W. 1-53625
- Miller, G. Stability of the noncircular screw pinch 1-19938
- Miller, G., Turner, L. Force free equilibria in toroidal geometry 1-51977
- Miller, G. see Ek Dahl, C. 1-6965
- Miller, G.A., Henley, E.M. The interpretation of some Low equation results 1-28498
- Miller, G.A., Spencer, J.E. Pion-nucleon charge exchange reaction at low energies 1-23689
- Miller, G.A. see Cheung, C.Y. 1-18648
- Miller, G.A. see Hwang, W.-Y.P. 1-695
- Miller, G.A. see Theberge, S. 1-33161
- Miller, G.E. see Scalo, J.M. 1-13758
- Miller, G.G. see Shacklette, L.W. 1-11697
- Miller, G.H., Mulac, A.J. Temperature measurement in symmetric top polyatomic gases using spontaneous rotational Raman spectra 1-19099
- Miller, G.H. see Welberry, T.R. 1-7036
- Miller, G.L., Orr, W.A. Lithium doping of polycrystalline silicon 1-47099
- Miller, G.R., Resing, H.A., Brant, P., Moran, M.J., Vogel, F.L., Wu, T.C., Billaud, D., Pron, A. Identification of intercalated species in AsF₆-NO₂SbF₆ intercalated graphite using ¹⁹F NMR: fluorine exchange between the various species 1-38989
- Miller, G.R. see Gordon, R.S. 1-17193
- Miller, H.G. see Berger, W.A. 1-19010
- Miller, H.G. see Kreuzer, K.G. 1-44779, 1-44784
- Miller, H.R. Photoelectric comparison sequences in the fields of five Seyfert Galaxies 1-40558
- Miller, J. see Balestri, B. 1-28343
- Miller, J.C., Andrews, L. Absorption and laser-excited fluorescence spectra of matrix-isolated metal van der Waals dimers 1-33485
- Miller, J.C., Sciama, D.W. Gravitational collapse to the black hole state 1-18116
- Miller, J.C. see Anile, A.M. 1-13891
- Miller, J.G. see Klepper, J.R. 1-53839
- Miller, J.G. see O'Donnell, M. 1-49083
- Miller, J.H., West, M.L. Inhomogeneous kinetics in the quenching of prompt radioluminescence: analysis of alpha particle and proton induced fluorescence decay curves 1-43187
- Miller, J. Houston see Houston Miller, J.
- Miller, J.-J. see Chardon, J.-C. 1-28959
- Miller, J.N., Lindau, I., Spicer, W.E. Absence of band-gap surface states on clean amorphous silicon 1-47725
- Miller, J.N., Schwarz, S.A., Lindau, I., Spicer, W.E., De Michelis, B., Abbati, I., Braicovich, L. Si-Pd and Si-Pt interfaces 1-16104
- Miller, J.N. see Braicovich, L. 1-16367
- Miller, J.N. see Stohr, J. 1-26306
- Miller, J.P. see Wang, K.-C. 1-1415
- Miller, J.R. Simulation of seasonal sea surface temperature variations in the North Pacific 1-22351
- Miller, J.R., Beitz, J.V. Rates, distances, and energy control of electron tunneling reactions in rigid media 1-53445
- Miller, J.R. see Elrod, S.A. 1-52734
- Miller, J.R. see Zwick, H.H. 1-32528
- Miller, J.S. Design and synthesis of highly conducting one-dimensional materials 1-52552
- Miller, J.S., Antonucci, R.R.J., Keel, W.C. Variability of the double quasar 0957+561 A, B 1-36432
- Miller, J.S., Robinson, L.B., Schmidt, G.D. The remote-controlled spectrograph, area scanner and spectropolarimeter for the Lick 3-m telescope 1-27387
- Miller, J.S. see Coppens, P. 1-2410
- Miller, J.S. see Epstein, A.J. 1-52465
- Miller, J.S. see French, H.B. 1-44642
- Miller, J.S. see Perkowsky, J. 1-53437
- Miller, J.S. see Schmidt, G.D. 1-22875
- Miller, J.S.G. see Johnson, S.W. 1-44037
- Miller, J.V. see Coffield, R.D., Jr. 1-50888
- Miller, J.W. see Somers, R.R., II. 1-48905
- Miller, K.J., Olsson, M.G. Global and pole duality applied to c and b quarks 1-14405
- Miller, K.J. see Hammouda, M.M. 1-1882
- Miller, K.J. see Ibrahim, M.F.E. 1-1881
- Miller, K.J., Smith, R.F. (editor) 3rd International Conference on Mechanical Behaviour of Materials 1-27673
- Miller, K.L. see Knudsen, W.C. 1-40367
- Miller, L. see Blundell, T. 1-33752
- Miller, L.G. see Hsu, P.Y. 1-41240
- Miller, M. see LeBritton, J. 1-45299
- Miller, M. see Skudlarski, K. 1-2607
- Miller, M.B. see Gangarski, Yu.P. 1-51042
- Miller, M.D. The effects of large fields on isotopic fermion-boson mixtures 1-2760
- Miller, M.J. see Thorpe, A.J. 1-22458
- Miller, M.K. see Lookhart, C.M. 1-11251
- Miller, M.W., Carstensen, M.W., Robertson, D., Child, S.Z. 60 Hz electric field parameters associated with the perturbation of a eukaryotic cell system 1-49060
- Miller, N. see Rastegari, J. 1-22152
- Miller, N.E., Beinglass, I. Hot-wall CVD tungsten for VLSI 1-48271
- Miller, N.R., Shapiro, R., McLaughlin, T.M. A technique for obtaining spatial kinematic parameters of segments of biomechanical systems from cinematographic data 1-4396
- Miller, N.R. see Sommer, H.J., III 1-49054
- Miller, P.D. see Alton, G.D. 1-46104
- Miller, P.H., Jr. see Chen, W.Y. 1-906
- Miller, P.H., Jr. see Elsner, N.B. 1-52588
- Miller, R.A. see Hodge, P.E. 1-31710, 1-39530
- Miller, R.C., Kidnay, A.J., Hiza, M.J. A review, evaluation, and correlation of the phase equilibria, heat of mixing, and change in volume on mixing for liquid mixtures of methane+propane 1-9779
- Miller, R.C., Kleinman, D.A., Nordland, W.A., Jr., Gossard, A.C. Luminescence spectra of optically pumped quantum wells in GaAs-Al_xGa_{1-x}As multilayer structures 1-3478
- Miller, R.C. see Harisiadis, L. 1-21987
- Miller, R.C. see Kleinman, D.A. 1-35090
- Miller, R.C. see Thompson, R.T., Jr. 1-47141
- Miller, R.C. see Weisbuch, C. 1-52990
- Miller, R.E. Dynamic aspects of the error in eccentric beam modelling 1-11299
- Miller, R.H. see Baum, G. 1-28323
- Miller, R.H. see Sheppard, J.C. 1-41269
- Miller, R.J. Resistivity and oxidation of tungsten silicide thin films 1-16388
- Miller, R.J. see Cho, Y. 1-33184
- Miller, R.L. Corrosion and materials selection for geothermal systems 1-53551
- Miller, R.L. see Browder, J.A. 1-23362
- Miller, R.M.G. see Hawkesworth, C.J. 1-40101
- Miller, R.N. see Gilmour, A.S., Jr. 1-25116
- Miller, S. see Jaster, H. 1-35681
- Miller, S.E. Overview of telecommunications via optical fibers 1-11111
- Miller, S.W. see Wernikoff, R.E. 1-13323, 1-43984
- Miller, T.A., Bondyby, V.E. Laser spectroscopy of molecular ions 1-19129
- Miller, T.A. see Bondyby, V.E. 1-4107, 1-6251, 1-19128, 1-37249
- Miller, T.A. see Panock, R. 1-1180, 1-1181
- Miller, T.A. see Rosenblum, M. 1-41335
- Miller, T.R. see Kumar, B. 1-43986
- Miller, V.A., Smolkin, B.D., Stepanov, B.M. Time-contrast characteristic of electrooptical transducers [photoelectric image converters] 1-46581
- Miller, W. see Olsen, L.C. 1-43758
- Miller, W.C. see Olds, L.E. 1-31388
- Miller, W.E. see Gay, E.C. 1-48821
- Miller, W.E. see Kaun, T.D. 1-48822
- Miller, W.G. Stiff chain polymer lyotropic liquid crystals 1-11674
- Miller, W.H. see Dunmur, D.A. 1-15793
- Miller, W.H. see Gray, S.K. 1-8554
- Miller, W.H. see Korsah, J.J. 1-940
- Miller, W.H. see McCurdy, C.W. 1-1314
- Miller, W.H. see Meyer, W. 1-18914
- Miller, W.H. see Waite, B.J. 1-12982
- Miller, W.H. see Webster, W.J., Jr. 1-54250
- Millere, R.P., Sharamkin, V.I., Scherbinin, E.V. Effect of a longitudinal magnetic field on electrically driven rotational flow in a cylindrical vessel 1-19830
- Millet, J., Lafon, J.P.L., Lamy, P.H. On the electrostatic potential of interplanetary grains: influence of the thermoionic effect 1-36155
- Millet, P., Barrie, A.M., Birot, A., Brunet, H., Dijols, H., Galy, J., Salomero, Y. Kinetic study of (ArKr)⁺ and (ArXe)⁺ heteronuclear ion emissions 1-41393
- Millet, P. see Galy, J. 1-46092
- Millet, P. see Salomero, Y. 1-41477
- Millie, P. see Chambaud, G. 1-10835
- Milligan, R.V. The effect of an yttrium-oxide dispersion on the yield and 'memory' characteristics of NiTiNi 1-26572

- Miglin, W.O., Mullica, D.F., Hall, M.F. Structural refinement of lutetium hydroxide oxide 1-30157
- Miligan, W.O. see Beall, G.W. 1-52117
- Miligan, W.O. see Mullica, D.F. 1-15853, 1-15880, 1-30214
- Milikan, R.E. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Milikan, R.E. see Dorfman, J.M. 1-41020
- Milikan, R.E. see Himel, T.M. 1-18482
- Milikan, R.E. see Scharre, D.L. 1-18485, 1-45292
- Miliken, J.W. see Rossat-Mignod, J. 1-34330
- Milliman, G.D. see Rao, B.M.L. 1-31846
- Milliman, J.E. see Emery, K.O. 1-27149
- Milliman, L.D. see Horne, W.E. 1-48859
- Million, B. see Cermak, J. 1-47281
- Million, B. see Gurov, K.P. 1-11897
- Million, B. see Patoka, V.I. 1-30373
- Millis, R.L., Wasserman, L.H., Howell, E., Franz, O.G., White, N.M., Lockwood, G.W., Nye, R., Bertram, R., Klemla, A., Dunham, E., Baron, R.L., Elliott, J.L., Harris, A., Young, J.W., Faulkner, J., Stanton, R., Reitsma, H.J., Hubbard, W.B., Zellner, B., Lebofsky, L., Cruikshank, D.P., Macknick, L.S., Becklin, E.E., Morrison, D., Lonsdale, C.J., Kunkle, T.D., Lee, T., Gately, I., A'Hearn, M.F., DuPuy, D.L., Nolthenius, R., Ford, H., McKenna, D., Placova, Z., Horne, K., Sandmann, W.H., Taylor, G.E., Tucker, R. The diameter of Juno from its occultation of AG+0°1022 1-54408
- Millis, R.L. see A'Hearn, M.F. 1-22728
- Millman, B.M., Nickel, B.G. Electrostatic forces in muscle and cylindrical gel systems 1-8792
- Millman, B.M., Racey, T.J., Matsubara, I. Effects of hyperosmotic solutions of the filament lattice of intact frog skeletal muscle 1-43846
- Millman, P.M. The Herschel dynasty. I. William Herschel 1-5063
- Millman, P.M. The Herschel dynasty. II. John Herschel 1-32824
- Millman, P.M. The Herschel dynasty. III. Alexander Stewart Herschel 1-44749
- Millner, A.R. see Hay, R.D. 1-53686
- Millner, T. The possibility of forming elementary potassium on the newly developed fibre surface in the drawing process of KAlSi doped tungsten wires 1-48369
- Millodot, M., O'Leary, D.J. On the artifact of retinoscopy and chromatic aberration 1-43867
- Milloni, G. see Bruscia, G. 1-9252
- Millot, C., Wald, L. The effect of Mistral wind on the Ligurian current near Provence 1-27200
- Millot, F., Gerdianin, P. The measurement of thermo- and electrotransport in fluorite oxides 1-11901
- Millour, L. see Jacolot, G. 1-49114
- Millis, A.A., Hurst, A.W. A piezoceramic fine-movement control 1-40767
- Millis, A.A. see Martin, P.M. 1-22737
- Millis, A.A. see Sears, D.W. 1-9440
- Millis, A.P. Further improvements in the efficiency of low-energy positron moderators 1-14715
- Millis, A.P., Jr. Brightness enhancement of slow positron beams 1-1473
- Millis, A.P., Jr. Observation of the positronium negative ion 1-51233
- Millis, A.P., Jr. see Chu, S. 1-52632
- Millis, A.P., Jr. see Murray, C.A. 1-25792
- Millis, B.E. Surface studies of corrosion in second surface silver heliostat mirrors 1-12911
- Millis, B.Y. see Large, M.I. 1-49541
- Millis, D., Batterman, B.W. Synchrotron-radiation measurements of forbidden reflections in silicon and germanium 1-11641
- Millis, D., Harting, E., Giutronic, J.E., Cellich, W., Morton, A., Walker, I. Mini-mirror-area single-stage solar concentrators 1-31983
- Millis, D., Pollock, V. Stabilizing feedback system for synchrotron radiation monochromators 1-36780
- Millis, D. see Taylor, N. 1-49901
- Millis, D.L. Light scattering by point defects in insulating crystals 1-39109
- Millis, D.L., Duthler, C.J., Sparks, M. The absorption of infrared radiation by multiphonon processes in solids 1-39102
- Millis, D.L. see Black, J.E. 1-2798
- Millis, D.L. see Boring, E. 1-12517
- Millis, D.L. see Camley, R.E. 1-43136
- Millis, D.L. see Laks, B. 1-21026, 1-38826
- Millis, D.L. see Rieborough, P.S. 1-47892
- Millis, D.L. see Sparks, M. 1-39193
- Millis, D.R. Two-stage tilting solar concentrations 1-31985
- Millis, G.S. see Mendel, C.W., Jr. 1-42186
- Millis, H. see Bartel, W. 1-18500
- Millis, H. see O'Neill, L.H., Jr. 1-50443
- Millis, H.E. see Bartel, W. 1-45253, 1-45254
- Millis, I.M. see Carter, S. 1-10681
- Millis, I.M. see Sont, W.N. 1-33455
- Millis, L.M. Impact of TMI-A change in attitude 1-10500
- Millis, N.J., Walker, N. Development and growth of offset fingerlike cracks 1-26586
- Millis, P.F. see Wood, J.V. 1-21436
- Mills, R.L. see Cromer, D.T. 1-34284
- Mills, R.L. see Liebenberg, D.H. 1-38612
- Mills, R.L. see Schwalbe, L.A. 1-38454
- Mills, W.A. see Evans, R.D. 1-53828
- Mills, W.J., James, L.A. Effect of temperature on the fatigue-crack propagation behaviour of Inconel X-750 1-48469
- Millunzi, A.C. see Baratta, A.J. 1-41257
- Millward, G.R. Computer simulation of electron microscope images on 35 mm film 1-28132
- Millward, G.R. see Jefferson, D.A. 1-15766
- Millman, S.B., Kaganer, M.G. Effects of loading on thermal and electrical resistance of cryogenic insulating materials 1-14139
- Millman, Yu.V. see Grigor'ev, O.N. 1-38688
- Millman, Yu.V. see Kazo, I.F. 1-35323
- Millman, Yu.V. see Kosachev, L.S. 1-39378
- Milne, A.D. see Jack, M.A. 1-33853
- Milne, E.A. see Crittenden, E.C., Jr. 1-22454
- Milne, I., Curry, D.A. Charpy energy transitions for weld metal and heat affected zones in SA533B class 1 plate 1-48514
- Milne, W.J. see Hack, M.G. 1-42827
- Milner, A.P., Zabrudskii, Yu.R., Koshkin, V.M., Kukol', V.V., Yagubskii, E.B., Guseinov, G.D. Acceptor inversion 1-34327
- Milner, G.A., Ponomarenko, E.I. Standard apparatus for measuring isobaric specific heat of solids at pressures up to 250 MPa 1-24663
- Milner, G.A. see Anisimov, M.A. 1-52293
- Miner, M. see Herscher, C. 1-8889, 1-17416
- Minnes, A.G. see Chen, J.-W. 1-38748
- Minnes, A.G. see Flat, A. 1-8728
- Minnes, K.A. see Hopkins, D.B. 1-10537
- Miloh, T., Landweber, L. Generalization of the Kelvin-Kirchhoff equations for the motion of a body through a fluid 1-36494
- Milojkovic, D.Z., Pavlovic, M.I. 1-37905
- Milone, E.F., Chia, T.T., Castle, K.G., Robb, R.A., Merrill, J.E. RW Comae Berenices. I. Early photometry and UVB light curves 1-9577
- Minloni, P.W. Classical and quantum theories of radiation 1-14030
- Minloni, P.W. Quantum mechanics of the Einstein-Hopf model 1-40629
- Minloni, P.W. see Knight, P.L. 1-24069
- Minlora, S.L., Foster, C.A., Thomas, C.E., Bush, C.E., Wilgen, J.B., Lazarus, E.A., Dunlap, J.L., Edmonds, P.H., Houlberg, W.A., Howe, H.C., Hutchinson, D.P., Jernigan, T.C., Murakami, M., Neilson, G.H., Rome, J.A., Saltmarsh, M.J. Results of hydrogen pellet injection into ISX-B 1-33346
- Milosevic, M. Invariant amplitudes for description of nuclear reaction $1+1/2-1/2+1/2+1/2$ with polarized beams 1-41081
- Milosevic, S. see Mijatovic, M. 1-3130
- Miloshenko, V.E., Savel'ev, Yu.N. On the influence of the orientation of a superconductive plate on its behaviour in a magnetic field 1-3098
- Miloshenko, V.E., Shunin, G.E. Features of superconductor behavior in variable fields 1-20929
- Miloshenko, V.E. see Zolotukhin, I.V. 1-42878
- Miloslavskii, A.G. see Suntsov, N.V. 1-30748
- Miloslavskii, V.K., Rybalka, A.I., Shmandi, V.M. Determination of the thickness and refractive-index dispersion of thin transparent films from their transmittance 1-8148
- Miloslavskii, V.K. see Ageev, L.A. 1-35107
- Miloslavskii, V.K. see Bedikyan, L. 1-3355
- Miloslavskii, V.K. see Shmandi, V.M. 1-42700
- Milou, M.E. de see Milou, M.E.
- Milovanov, A.P. see Portnyagin, V.I. 1-43091
- Milovanov, A.V. see Volkenshtein, I.A. 1-359
- Milovidova, N.P. see Dorman, L.I. 1-36125
- Milovskaya, L.S. see Cherpakov, P.V. 1-46655
- Milroy, R.D., Steinhauer, L.C. Numerical modelling of an end-pumped theta pinch 1-51976
- Milshch, B. see Reichelt, H. 1-21040
- Mil'shtein, A.I. see Baier, V.N. 1-19316
- Mil'shtein, S., Senderichin, A. Differential photoconductivity generated from impurity and defect states in semiconductors 1-7666
- Milstein, A.I. see Baier, V.N. 1-1539
- Milstene, C. see Barth, M. 1-41018, 1-45377
- Miltat, J. X-ray image detectors 1-40920
- Miltat, J., Dudley, M. Protective properties of latex topographs 1-34197
- Miltenberger, G. Greenhouse, N.A., Lessard, E.T. Whole body counting results from 1974 to 1979 for Bikini Island residents 1-9042
- Milton, D.J. see Hocking, W.H. 1-51215
- Milton, G.W. Bounds on the electromagnetic, elastic, and other properties of two-component composites 1-42448
- Milton, K. see Hama, S. 1-18417
- Milton, K.A. Zero-point energy in bag models 1-5592
- Milton, K.A. Zero-point energy of confined fermions 1-5593
- Milton, K.A. Macroscopic quantum electrodynamics 1-14289
- Milton, K.A., Palmer, W.F., Pinsky, S.S. Strong anomaly and η - 3π decay 1-550
- Milton, K.A., Palmer, W.F., Pinsky, S.S. Pseudoscalar decay constants, η - 3π in chiral and 1/N perturbation theory 1-10202
- Milton, K.A., Wada

- Minami, S., Ogawa, R. Improvements in the calculation of white light modulation transfer functions (MTF) in Japan optical engineering research association (JOERA) 1-46253
- Minami, S. see Wungkobkiet, S. 1-19469
- Minami, T., Imazawa, K., Tanaka, M. Formation region and characterization of superionic conducting glasses in the systems $\text{AgI-Ag}_2\text{O-M}_2\text{O}$, 1-30075
- Minami, T., Imazawa, K., Tanaka, M. Infrared spectra of superionic conducting glasses in the system $\text{AgI-Ag}_2\text{O-GeO}_2$ 1-39084
- Minami, T., Matsuda, K., Tanaka, M. Heat of transport of superionic conducting glass $2\text{AgI-Ag}_2\text{MoO}_4$ 1-47287
- Minami, Y. see Kasuya, K. 1-46285
- Minamide, S. see Yasuno, Y. 1-35888
- Minamino, Y. see Yamakawa, K. 1-43480
- Minamisawa, T., Yamamoto, K., Tsuchiya, T. Long-term effects of moderate X-ray doses on the averaged evoked potentials in the rabbit 1-32194
- Minamiyama, M. see Niimi, H. 1-37979
- Minana, J. Sanchez see Sanchez Minana, J.
- Minard, M.N. see Aubert, B. 1-14748
- Minari, F. see Pichaud, B. 1-25285
- Minassian, L. Ter see Ter Minassian, L.
- Minasyan, B.Ts. see Manukyan, N.V. 1-12689
- Minato, A. see Nakagawa, Y. 1-43616
- Minato, H. see Aoki, M. 1-47047
- Minato, H. see Kakui, Y. 1-32078
- Minato, K., Kuwahara, M., Yonekura, Y., Ishii, Y., Torizuka, K. Automatic setting of regions of interest on RI angiocardiology for the generation of washout curves 1-35883
- Minato, S. Analysis of time variations in natural background gamma radiation flux density 1-21968
- Minato, T. see Yamabe, S. 1-1291
- Minayeva, I.I. see Sidorov, L.N. 1-39666
- Minazhdinov, M.S. see Nevskii, O.B. 1-34893
- Mincey, J.F. see Primm, R.T., III. 1-5079
- Minchenko, B.S. Rapid mapping with the RATAN-600 telescope 1-9383
- Mincher, G.G. see Ilieva, M.G. 1-33633
- Minden, S. see Rugar, D. 1-32322
- Mindlin, R.D. The sesquicentennial of the first crystal plate equations 1-14016
- Mindorff, M.S., Brodie, D.E. Some properties of metal-free amorphous phthalocyanine vacuum deposited films 1-52569
- Mine, K., Uchitomi, S., Fujimoto, T. Pattern classification based on tree-root structure with data and reproduction method for temperature-pattern instrumentation 1-27987
- Mine, P. see Badier, J. 1-10582, 1-14430
- Mine, Ph. see Badier, J. 1-10218
- Mineev, M.B., Schmidt, V.V. Radiation from a vortex in a long Josephson junction located in an alternating electromagnetic field 1-12243
- Mineev, V.I. see Grachev, B.D. 1-31251
- Mineev, V.N. see Bakhrakh, S.M. 1-53231
- Mineev, V.N. see Ivanov, A.G. 1-26582
- Mineev, V.P. The dynamic form factor of superfluid ^4He 1-25516
- Mineev, V.P. see Gerasimov, A.B. 1-30275
- Mineev, Yu.V., Savenko, I.A., Spir'kova, E.S. Proton fluxes and anisotropy in January and February, 1974 and their connection with solar-wind velocity from Mars 7 data 1-22645
- Minegishi, A., Bergene, R., Riesz, P. ESR of spin-trapped radicals in aqueous solutions of deuterated amino acids and alcohols 1-21052
- Minegishi, A., Bergene, R., Riesz, P. ESR of spin-trapped radicals in γ -irradiated polycrystalline amino acids, N-acetyl amino acids and dipeptides 1-48958
- Minehart, R.C. see Kallne, J. 1-18686
- Minelli, M.R., Papalia, B., Taglienti, S., Tosi, V. Detection of cooling anomalies in LMFBR subassemblies by means of temperature noise analysis techniques 1-36985
- Minelli, R. see Capelo, A. 1-53808
- Minelli, T.A. see Milani, N. 1-44781
- Minemoto, T., Nozawa, T., Fukuda, Y. Stabilization for development of thermoplastic film in electron beam recording 1-41642
- Minemura, A. see Masuda, T. 1-26946
- Miner, E.W. see Fritts, M.J. 1-19734
- Miner, R.G. see Grisk, J.J. 1-30596
- Miner, R.V., Jr. see Dresfield, R.L. 1-3667
- Miner, T.D. Prides and prejudices of a physics teacher 1-13977
- Minervina, O.I. see Bunkin, F.V. 1-35129
- Minetti-Mezzetti, E. see Demichelis, F. 1-4201
- Miner, M.R. see Popov, G.S. 1-26298
- Mineyer, Yu.V., Savenko, I.A., Savel'yev, V.G., Spir'kova, Ye.S. Differential energy spectra and electron bursts near the magnetosphere 1-22624
- Ming, L.C., Manghnan, M.H., Matsui, T., Jamieson, J.C. Phase transformations and elasticity in rutile-structured difluorides and dioxides 1-32434
- Ming, L.C. see Manghnan, M.H. 1-27305, 1-39360
- Ming Chiang Li Resonance fringes in the two-photon absorption with a Doppler shift 1-1197
- Ming Ko Che see Che Ming Ko
- Ming Long see Long Ming
- Ming Nai-Ben see Nai-Ben Ming
- Ming Wang see Pellinen, D.G. 1-23266
- Ming Zhou Jun see Jun Ming Zhou
- Ming-Chi Tsai see Seshadri, S.R. 1-1442, 1-42954
- Ming-gao Gu see Gu Ming-gao
- Ming-hua Hu see Hu Ming-hua
- Ming-Jau Sun Automated spatial filter station for bubble film characterization 1-30993
- Ming-shan Z-u see Z-u Ming-shan
- Ming-sheng Zhu see Zhu Ming-shan
- Ming-sheng Li see Li Ming-sheng
- Ming-xian Li see Li Ming-xian
- Ming-Xiu Gao see Gao Ming-Xiu
- Ming-zhen Hsu see Hsu Ming-zhen
- Ming-zhen Xu see Xu Ming-zhen
- Ming-Zhong Wang see Wang Ming-Zhong
- Mingace, H.S., Jr. see Benton, S.A. 1-15107
- Mingaliev, M.G. see Berlin, A.B. 1-17898
- Minggao He see He Minggao
- Minggao Yan see Yan Minggao
- Minglegrin, U. see Yinnon, A.T. 1-39202
- Mingmin Han Qiwei He see He Mingmin Han Qiwei
- Mingmin He see He Mingmin
- Mingteh Chang, Watters, S.P., Aguilar, J.R. Geographical analyses of temperature and precipitation in forested East Texas 1-54226
- Minguzzi, P. see Di Lieto, A. 1-51445
- Minh, F. Tran see Tran Minh, F.
- Minh, N. Tran see Tran Minh, N.
- Minh Khue Nguyen see Nguyen Minh Khue
- Minh Ngoc Dao see Dao Minh Ngoc
- Minh Thai, C. see Hojo, H. 1-3936
- Miniewski, A., Samoc, M., Sworakowski, J., Jakubowski, B., Zboinski, Z., Cehak, A. Elastic and piezoelectric properties of carbazole-trinitrobenzene crystals as studied by thermally induced electrical oscillations 1-31092
- Minin, V.V., Tretyakov, V.E., Yatsenko, B.P. Investigation of some electrokinetic parameters of a non-self-sustaining discharge plasma by bremsstrahlung continuum 1-38067
- Minin, Yu.L. see Rogovoi, I.D. 1-36723
- Minina, N.Ya. see Bogdanov, E.V. 1-20777
- Minina, N.Ya. see Brandt, N.B. 1-20298
- Miniscalco, W.J. see Yao, S.S. 1-43169
- Minjares, J. see Bruce, C.W. 1-49356
- Mink, D. see Peterson, D.M. 1-54569
- Mink, D.J., Klemola, A.R., Elliot, J.L. Predicted occultations by Neptune: 1981-1984 1-40418
- Mink, D.J. see Elliot, J.L. 1-40417
- Mink, D.J. see Klemola, A.R. 1-40419
- Mink, J. see Kemeny, G. 1-2572
- Minkevich, A.V. Generalised cosmological Friedmann equations without gravitational singularity 1-36440
- Minkin, V.I. see Furmanova, N.G. 1-41515
- Minkin, V.I. see Minyaev, R.M. 1-6166
- Min'ko, A.A. see Volod'ko, L.V. 1-53758
- Min'kov, D.B., Kolomeitsev, V.V., Parkhaev, B.V., Tikhonova, A.M., Logacheva, N.S., Gromov, V.I. Quartz ceramics made from thermoplastic suspensions 1-12699
- Min'kov, G.M., Krut'zhev, V.V. Oscillations of the tunneling conductivity of a n-type InAs-oxide-Pb junction in a quantizing magnetic field 1-25806
- Minkovich, E.N., Shnyrev, A.D., Morgun, V.A., Korkeo, A.L., Syvortko, O.M. Effect of physicochemical processes on gas generation in heat pipes 1-17047
- Minkovich, V.P. see Aleksandrov, I.V. 1-1713
- Minkowski, P. On the oscillatory modes of quarks in baryons 1-5570
- Minkowski, P. On the ground-state expectation value of the field strength bilinear in gauge theories and constant classical fields 1-28176
- Minkowicz, W.J. see Chawla, T.C. 1-42011
- Minkowicz, W.J. see France, D.M. 1-28545
- Minn, S.S. see Guillet, M. 1-52664
- Minneer, W.P., Bradt, R.C. Stoichiometry effects on the fracture of TiO_2 1-26596
- Minnella, D.M., Hudson, C.G., Jones, J.D. A comparison of Ge(Li) detectors with different efficiencies for low-level general purpose counting 1-51034
- Minnella, L., Barnevelde, H.A., Rinkel, P.D. An investigation into the mechanism of water treecing in polyethylene high-voltage cables 1-21604
- Minnhagen, P. Charge-binding in a 2-dimensional Coulomb gas 1-34638
- Minni, E. see Curelaru, I.M. 1-26322
- Minnich, T. see Lioy, P.J. 1-53725
- Minnigerode, G. von see Minnigerode, G.
- Minnigulov, A.N. see Belyakov, Yu.M. 1-15666
- Minns, M.A. see Brewer, W.H. 1-1050
- Mino, K. Distribution of underground water around Yamasaki fault. I. Observation at Yasutomi region 1-54042
- Mino, K., Ohtomo, A., Saiga, Y. The effect of stressing on the intergranular oxidation of Inconel 617 1-31743
- Mino, K. see Sadahiro, T. 1-27094
- Minogin, V.G. Kinetic equation for atoms interacting with laser radiation 1-33431
- Minogin, V.G. see Letokhov, V.S. 1-15034
- Minomura, S. High-pressure modifications of amorphous semiconductors 1-34756
- Minomura, S. see Fujii, Y. 1-28148
- Minomura, S. see Hikosaka, M. 1-25408
- Minomura, S. see Takemura, K. 1-20316, 1-34476
- Minoo, H., Gombert, M.M., Deutsch, C. Temperature-dependent Coulomb interactions in hydrogenic systems 1-46851
- Minor, C. The panel meter the user wants 1-5299
- Minor, D. see Santoro, A. 1-38350
- Minor, P.C. see Lever, A.B.P. 1-10857
- Minorette, A., Aue, W.P., Reinhold, M., Ernst, R.R. Coherence transfer by radiofrequency pulses for heteronuclear detection of multiple-quantum transitions 1-14153
- Minoshima, W., White, J.L., Spruiell, J.E. Experimental investigation of the influence of molecular weight distribution on the rheological properties of polypropylene melts 1-51727
- Minota, T. see Kambe, T. 1-51767
- Minov, M.T. see Apostolov, A.V. 1-30937
- Minowa, H. see Mishima, N. 1-27702
- Minowa, M. see Bartel, W. 1-18500, 1-45253, 1-45254
- Minowa, M. see O'Neill, L.H., Jr. 1-50443
- Minowa, Z. see Senda, O. 1-5285
- Minster, J. Non-linear time-dependent deformation processes in anisotropic polymer-made technical fabrics 1-12788
- Minster, J.B., Anderson, D.L. Dislocations and nonelastic processes in the mantle 1-27133
- Minster, J.B. see Barker, T.G. 1-32384
- Minster, J.B. see Salvado, C. 1-22225
- Minster, J.F., Ricard, L.P.H. The isotropic composition of zirconium 1-51303
- Minster, J.-F. see Klossa, B. 1-40431
- Mintas, M., Filby, G.W. Carbon contaminant buildup and sputtering behaviour on zinc oxide during XPS examination 1-53057
- Mintchev, M. see D'Emilio, E. 1-18405
- Minteer, W.J. see Flaim, S.F. 1-22031
- Minton, T.K. see Keenan, M.R. 1-51192
- Mints, B.B. see Mironov, L.V. 1-7882
- Mints, I.I., Shteinberg, M.M., Smirnova, A.P., Shul'gina, N.G. Investigation of the characteristics of void formation during creep in Cr-Mo-V steels 1-26542
- Mints, I.I. see Nakhalov, V.A. 1-8503
- Mints, I.I. see Shron, R.Z. 1-26484
- Mints, M.Ya., Chinkov, V.N. Utilization of square-wave signals for testing of electromechanical instruments 1-44905
- Mints, M.Ya., Prilep'skii, E.D. Apodization of a passive axially symmetric optical system 1-29223
- Mints, R.G., Petukhov, B.V. Phenomenological criterion of thermal instability of plastic flow 1-11803
- Mints, R.G., Rakhamanov, A.L. Flux jumps in internally cooled composite superconductors 1-7791
- Mints, R.G. see Gurevich, A.V. 1-47783
- Mints, R.G. see Maksimov, I.L. 1-42927, 1-47824
- Mints, R.I. see Proskurin, V.Yu. 1-38437
- Mintsev, V.B., Fortov, V.E., Pavlov, G.A., Gryaznov, V.K. Conductivity of a hot nonideal xenon plasma 1-29850
- Mintyanskii, I.V. see Demichina, L.A. 1-52653
- Mintz, M.H., Gavra, Z., Kimmel, G., Hadari, Z. The reaction of hydrogen with magnesium alloys and magnesium intermetallic compounds 1-21714
- Mintz, M.H., Hadari, Z., Darie, M.P. Hydrogenation of oxygen-stabilized Ti_3Mo ($\text{M}=\text{Fe}, \text{Co}, \text{Ni}; 0 \leq x \leq 0.5$) compounds 1-21715
- Mintz, M.H. see Dayan, D. 1-2632
- Mintz, M.H. see Goren, S.D. 1-3285, 1-38994
- Mintz, M.H. see Jacob, I. 1-52252
- Mintz, S.L. Pion reactions in deuterium and the muon-capture rate and weak form factors 1-23647
- Mintz, S.L. Neutral-current neutrino reactions in deuterium 1-33174
- Mintz, S.L. Neutral current neutrino reactions and weak charged current processes in deuterium 1-41103
- Mintzer, I. see Holdren, J.P. 1-39706
- Minushkin, B. see Engel, F.C. 1-23736, 1-50745
- Miny, J.C. see Jacquemier, M. 1-8493
- Minyaev, R.M., Minkin, V.I. Theoretical study of the mechanism of associative nucleophilic substitution in compounds of five-coordinated non-transition elements of groups V and VI 1-6166
- Minyukov, S.A. see Levanyuk, A.P. 1-2622, 1-26145
- Minyukov, S.A. see Meleshina, V.A. 1-38545
- Minzoni, A. see Vargas, C.A. 1-9109
- Miodownik, A.P., Hillert, M. A thermodynamic treatment of the ferromagnetic transition in alloys 1-16439
- Mioduszewski, P. Unipolar arcing in fusion devices 1-6986
- Mioduszewski, P. Problems of heat removal at first wall components of INTOR 1-41251
- Mioduszewski, P. Constant heat flux plasma limiter for TEXTOR 1-45732

- Miosga, H. see Heimann, P. 1-53055
- Miossec, C., Tassart, J., Irving, E. Automatic control of steam generator levels in EDF PWR units 1-28578
- Miossec, C. see Irving, E. 1-28579
- Miotello, A. see Bonora, P.L. 1-21650
- Miotkowska, S. see Miotkowski, I. 1-3592
- Miotkowski, I., Miotkowska, S., Horak, A. Solution growth CdGeP₂ crystals and layers 1-3592
- Miquel, J.C. High speed and ultra high speed cinematographic recording techniques 1-23331
- Mirabel, A.P., Monin, A.S. Geostrophic turbulence 1-44201
- Mirabutalov, M.M. see Dzhavadov, A.V. 1-23643
- Miraglia, J.E., Piacentini, R.D., Rivarola, R.D. Computational methods for eikonal differential cross sections 1-464
- Miraglia, J.E., Piacentini, R.D., Rivarola, R.D., Salin, A. Discussion of electron capture theories for ion-atom collisions at high energies 1-46071
- Miraglia, J.E. see Garibotti, C.R. 1-10803, 1-46107
- Mirahmadi, A. see Gast, Th. 1-23186
- Mirakhebdov, Sh.A. see Begzhanov, R.B. 1-23604
- Mirakyan, M.M. see Gur'yanov, A.N. 1-51629
- Miraldi, E., Trossi, L., Taverna Valabrega, P. Generalized method for nematic-liquid-crystal viscoelastic-constant determination by quasi-elastic light scattering 1-34229
- Mirallas, P. see Bernier, P. 1-51227
- Miranda, J.De see De Miranda, J.
- Miranda, L.C.M. see Almeida, N.S. 1-31111
- Miranda, L.C.M. see Lima, C.A.S. 1-2568
- Miranda, P.E. Valadao de see Valadao de Miranda, P.E.
- Miranda, S., Narasimhan, G. Loss-of-heat-sink transient, heat transfer simulation 1-5953
- Mirande, W. see Hoeschen, D. 1-33076
- Mirantsev, L.V. see Nadzhafov, I.M. 1-31221
- Mirarchi, U., Misentzi, G.S., Giarda, L., Perugini, G., Pizzini, S. Thermodynamic aspects and process considerations in the preparation of 'solar grade' Si by reduction of SiCl₄ in a plasma reactor 1-16707
- Mircea, A., Pons, D., Makram-Ebeid, S. Depleted layer spectroscopy 1-30670
- Mircea, A. see Pons, D. 1-2426
- Mircea-Roussel, A., Martin, G.M., Lowther, J.E. Optical absorption and photoluminescence of vanadium in n-type GaAs 1-12580
- Mirchina, N.R., Pelinowski, E.N. Asymptotic of wave movements on surface of fluid 1-32452
- Mirels, H. Inhomogeneous broadening effects in multimode CW chemical lasers 1-41676
- Mirets, L.Z. see Brodovoi, V.A. 1-25760
- Mirfakhrai, N. see Dellacasa, G. 1-14766
- Mirgorodskaya, E.N. see Andreev, A.S. 1-45048
- Miridonov, S.V. see Petrov, M.P. 1-19296
- Mirin, A.A., Jassby, D.L. Fokker-Planck/transport studies of the Tokamak fusion test reactor 1-34101
- Mirin, A.A. see Logan, B.G. 1-34105
- Mirin, A.A. see Strachan, J.D. 1-45729
- Mirinskii, D.S. see Gitarts, Ya.I. 1-44346
- Mirisola, R.C. see Rosen, D.L. 1-15232
- Mirkamilov, S.M. see Panov, Y.N. 1-41995
- Mirkin, L.I. see Bakharev, M.S. 1-30278
- Mirkin, L.I. see Galiev, A.L. 1-26414
- Mirkin, L.I. see Kyashkin, V.I. 1-3669
- Mirkova, L. see Nanev, C.N. 1-43609
- Mirkovich, V.V. Thermal diffusivity of Ba-mica/yttria-stabilized zirconia composites 1-2722
- Mirlin, D.N. see Zakharchenya, B.P. 1-48147
- Mirlin, Ye.G. Geomorphologic characteristics of the axial zones of the mid-ocean ridges 1-54072
- Mirmelshtein, A.V. see Karkin, A.E. 1-20915
- Mironov, V.V. see Lisak, M. 1-11570
- Miroglio, J. see Launay, J.C. 1-11704
- Mirolyubov, S.G. Pulsating flow of a viscous liquid through an axisymmetric tube with local constriction 1-20777
- Mirolyubov, S.G. Pulsating flow of a Newtonian fluid through an axisymmetric tube with a local dilatation 1-19811
- Miron, E. see Shuker, R. 1-38155
- Mironas, A.S. see Brazis, R.S. 1-20891, 1-30756
- Mirone, P. see Kamoun, M. 1-6224
- Mironenko, A.V., Yakushkin, V.N., Kolyada, Yu.B. Digital raster micrometer 1-5295
- Mironenko, O.N. see Mishchenko, V.I. 1-21657
- Mironenko, V.R., Yudson, V.I. Quantum noise in intracavity laser spectroscopy 1-5409
- Mironenko, V.R., Yudson, V.I. Quantum statistics of multimode generation and noise in intracavity laser spectroscopy 1-10980
- Mironov, A.V. see Bykovskii, Yu.A. 1-6694
- Mironov, A.V. see Basov, N.G. 1-23294
- Mironov, A.B. see Zubarev, I.G. 1-51494
- Mironov, A.G. On the influence of a δ -correlated random field upon the interband optical absorption 1-12471
- Mironov, A.G. see Krendelev, F.P. 1-44344
- Mironov, A.I. see Sharafutdinov, F.I. 1-11400
- Mironov, A.I. see Shechukin, V.K. 1-15530
- Mironov, A.V. see Shpak, I.A. 1-32846
- Mironov, B.P. see Anisimov, I.A. 1-46783
- Mironov, E.G. Design techniques for heat-resistant instrumentation in the study of very deep wells 1-27291
- Mironov, E.P. see Alekseev, V.N. 1-51489
- Mironov, K.E. see Abdusalyamova, M.G. 1-39310
- Mironov, K.E. see Vasil'eva, I.G. 1-48335
- Mironov, L.V., Svezhzhin, V.V., Bulycheva, Z.N., Mints, B.B., Svezhova, S.I. Magnetic properties of Fe-Si-Al alloys in the high-frequency region 1-7882
- Mironov, L.V. see Glezer, A.M. 1-8344
- Mironov, N.T. see Yatskiv, Ya.S. 1-44072
- Mironov, S.A. see Bondarenko, V.S. 1-29410
- Mironov, S.G. see Vostrikov, A.A. 1-23228
- Mironov, V.A. see Litvak, A.G. 1-29881
- Mironov, V.D., Popov, A.I., Protchenko, E.D. Helium-neon laser for the analysis of carbon dioxide 1-4135
- Mironov, V.D. see Belov, N.A. 1-17135
- Mironov, V.E. see Kunos, G.Y. 1-15460
- Mironov, V.I. see Baikov, V.P. 1-26680
- Mironov, V.K. see Drokin, A.M. 1-23866
- Mironov, V.L., Nosov, V.V., Chen, B.N. Quivering of optical images of laser sources in a turbulent atmosphere 1-33621
- Mironov, V.L., Tuzova, S.I. Washing-out of the mean diffraction picture in the focal plane of a receiving lens, due to rain in a turbulent atmosphere 1-22493
- Mironov, V.L. see Belen'kii, M.S. 1-6472
- Mironov, V.L. see Boronov, V.V. 1-33620
- Mironov, V.P. see Malenchenko, A.F. 1-50892
- Mironov, V.S. see Lubimov, V.S. 1-20643
- Mironov, Yu.V. Effect of nonuniformity of the distribution of thermohydraulic parameters on stability of stationary modes of evaporative channels of complex form 1-15486
- Mironov, Yu.V., Razina, N.S., Fomicheva, T.I. Thermohydraulic analysis of gas-cooled rod assemblies in nuclear reactors 1-735
- Miroshnichenko, A.A. see Kukolev, G.V. 1-3794
- Miroshnichenko, G.P. see Braun, P.A. 1-41364
- Miroshnichenko, I.I., Nikiforov, V.I., Sanin, V.M., Sorokin, P.V., Shalatzkii, S.V. Multipole analysis of the reaction $\gamma\pi\pi$ applying the regularization method 1-5632
- Miroshnichenko, I.I. see Ganenka, V.B. 1-2542
- Miroshnichenko, I.S., Krut'ko, Z.V., Zlatsin, A.L. Choosing the gauge length of a sample in mechanical tests of microconductors 1-53373
- Miroshnichenko, L.I. Conditions of formation of the spectrum of solar cosmic rays at the Earth and at the source 1-36133
- Miroshnichenko, L.I. see Bengin, V.V. 1-22650
- Miroshnichenko, L.I. see Dubinskii, Yu. 1-36134
- Miroshnichenko, M.I., Kuksenko, V.S. Emission of electromagnetic pulses during nucleation of cracks in solid insulators 1-21586
- Miroshnichenko, V.A., Maksimova, E.G. Preliminary heat treatment of castings 1-3801
- Miroshnichenko, V.I. Forced coherent scattering of electromagnetic waves by a relativistic beam of oscillators 1-29193
- Miroshnichenko, V.I. Saturation of the simulated coherent scattering of electromagnetic waves by a relativistic electron beam in a magnetic field 1-33611
- Miroshnik, V.S. see Andreev, G.B. 1-5770
- Miroshnikov, M.M. Soviet medical thermovision apparatus and essential results of its application in medicine 1-8974
- Miroshnikov, M.M., Nesteruk, V.F., Sintsov, V.N. Medical image information processing and evaluation 1-8958
- Miroshnikov, V.A. Nonstationary convective magnetic sedimentation in the field of a straight-line conductor with a current 1-20397
- Miroshnikov, V.S. see Moskin, L.N. 1-28712
- Miroshnikova, T.V. see Zhulin, I.A. 1-44366
- Miroshnichenko, A.P. see Braude, S.Ya. 1-54400
- Miroshnikov, V.S., Ol'shevskii, A.A., Polikarpov, Yu.A., Rosenberg, T.V., Kobitsa, T.E. Influence of matrix composition diffusion of Ni into W fibres 1-47294
- Mirovorskii, V.S., Ol'shevskii, A.A. Interaction of thoriated tungsten at 1200-1600°C with matrices based on various metals 1-16106
- Mirovsky, Y., Cahen, D., Hodes, G., Tenne, R., Guriat, W. Photoelectrochemistry of the CuInS₂/S₂²⁻ system 1-43785
- Mirra, C. see Colucci, S. 1-21782
- Mirri, A.M., Cervellari, R., Cazzoli, G. New experimental data on the vibro-rotation interaction constants of ONCl by microwave spectroscopic measurements: Additional information on the cubic force field 1-10722
- Mirsagatov, Sh.A., Stafeev, V.I., Tadzhibaev, M. Investigation of isotope α -SiC-n- β -SiC heterojunctions 1-30814
- Mirsaidov, M., Troyanovskii, I.E. A wave problem concerning the seismic stability of a structure during the propagation of a Rayleigh wave in an elastic half-space 1-35945
- Mirsaidov, U., Rakhimova, A., Dymova, T.N. Preparation and certain properties of boron hydrides of rare earths of the yttrium group 1-7334
- Mirskikh, L.L. see Bondarev, K.T. 1-48337
- Mirsky, G.Ya. Analysis of methods for and accuracy of electrical signal power measurements 1-28021
- Mirsky, I., Laks, M.M. A geometric model for the myocardium: biventricular wall stresses in normal and hypertrophied states 1-32158
- Mirsky, U., Shechtman, D. Transmission electron microscopy and X-ray topography study of mercury-cadmium-telluride 1-11755
- Mirtschin, A.W. see Lloyd, P. 1-47848
- Mirwald, P.W., Kennedy, G.C. Phase relations for SrF₂ to 50 Kbars and 1900°C and its compression to 40 Kbars at 25°C 1-8286
- Mirwald, P.W., Massonne, H.-J. The low-high quartz and quartz-coesite transition to 40 kbar between 600° and 1600°C and some reconnaissance data on the effect of NaAlO₂ component on the low quartz-coesite transition 1-44169
- Mirza, M.Y. see Young, W.A. 1-6223
- Mirzabekyan, B.Yu. Isolated slip lines and the Cutter-Hencke relationship 1-24701
- Mirzoev, A.A. see Dovgopod, S.P. 1-16219
- Mirzoev, E.I. see Belenki, G.L. 1-52915
- Mirzoeva, M.I. see Gamitselidze, G.A. 1-7406, 1-34532
- Mirzoyan, L.V., Brutyan, G.A. On the statistics of flare stars 1-36292
- Mirzoyan, L.V. see Kilyachkov, N.N. 1-9521, 1-22813
- Mirzoyan, R.M. see Frolov, A.M. 1-28771
- Mirzoyan, R.M. see Maishev, V.A. 1-25348
- Misaki, T. see Yamamoto, H. 1-53883
- Misaki, Y. see Suda, H. 1-43295, 1-47006
- Misawa, K., Takeuchi, T. Oscillations of intensity and temperature of nightglow emissions: [OI] 557.7 nm and 630.0 nm lines, and OH(6-2) band 1-49436
- Misawa, K. see Makabe, T. 1-42120
- Misawa, K. see Takeuchi, T. 1-49437
- Misawa, M., Suzuki, K. Pair ordering in disordered chain molecules of Se_{0.25}Te_{0.75} liquid by pulsed neutron total scattering 1-30028
- Misawa, M. see Sakaki, H. 1-24537
- Misawa, M. see Suzuki, K. 1-30084
- Misawa, S., Yoshida, S., Ohnata, Y. Al₂O₃/Mo/Al₂O₃/Mo solar selective absorber 1-21901
- Misawa, S. see Kumashiro, Y. 1-19981, 1-31342
- Misawa, S. see Senzaki, K. 1-21903
- Misawa, S. see Yoshida, S. 1-21899, 1-21909
- Misawa, Y., Yagi, H. Electrical and mechanical properties of silicon nitride films deposited by the SiCl₄-NH₃ reaction 1-12217
- Miscault, J.C. de see de Miscault, J.C.
- Mischke, B., Riemann, H., Schroder, W., Wolf, E. Quality characterization of single-crystal silicon 1-34708
- Mischke, R.E. see Lockyer, N. 1-18503
- Mischke, R.E. see Schardt, M.A. 1-45293
- Mischke, T. Absolute calibration of photodetectors within minutes - spectral analysis by a new system 1-45020
- Mischler, G., Bertrand, D., Lockwood, D.J., Cottam, M.G., Legrand, S. Raman scattering from magnons and phonons in the mixed antiferromagnet Fe_{1-x}Mn_xCl₂ 1-48070
- Miseki, K. see Nakaguchi, H. 1-28766
- Miselyuk, E.G. see Belyaev, A.D. 1-52235
- Miselyuk, E.G. see Bondarenko, V.S. 1-25766
- Misemer, D.K. see Kutler, F.W. 1-1104
- Misner, D.K. see Natoli, C.R. 1-1429
- Miser, L., Maier, J.P. 1-10741
- Misharin, V.V., Andreev, Yu.A. Magnetic induction meter 1-23278
- Misharin, V.V. see Andreev, Yu.A. 1-23930
- Misharina, L.A. On the specific orientations of possible rupture planes in the foci of weak earthquakes in the Baikal rift zone 1-22259
- Mishchenko, A.V. see Reshchikova, L.M. 1-25431
- Mishchenko, V.I., Mironenko, O.N., Ukanov, R.F. Attachment to the instrument 'Rheotest-7' for measuring normal stresses 1-21657
- Mishchenko, V.M. see Antuf'ev, Yu.P. 1-3532
- Mishchenko, V.M. see Fedorots, I.D. 1-642, 1-699
- Mishchenko, V.P. Three-photon parametric interaction of unidirectional waves in three-level molecule gas 1-19308
- Mishelevich, D.J. see Lewis, M.H. 1-22122
- Mishenina, K.A. see Dement'ev, V.A. 1-19075
- Mishen'kin, B.P. see Krylov, S.V. 1-13437
- Mishenko, V.V., Cherpak, N.T. Inversion ratio in trivalent-iron doped andalusite in the Q and V-bands 1-46272
- Mishima, A. see Kobayashi, H. 1-32179
- Mishima, J. see Owazsari, P.C. 1-41205
- Mishima, M. see Morimoto, S. 1-29365, 1-43083, 1-48020
- Mishima, N., Petrosky, T.Y., Minowa, H., Goto, S. Model experiment of two-dimensional Brownian motion by microcomputer 1-27702

- Mishima, N. see Motegi, H. 1-12462
- Mishima, O., Endo, S. Phase relations of ice under pressure 1-2614
- Mishima, T., Hirayama, H., Koyanagi, K., Sakuraba, I. Empirical equations of the phase-match angle of proustite upconverter at around room temperature 1-24459
- Mishima, T. see Sasaki, S. 1-6619, 1-19388
- Mishima, Y., Hamasaki, T., Kurata, H., Hirose, M., Osaka, Y. Nucleation of microcrystallites in phosphorus-doped Si:H films 1-47401
- Mishimura, N. see Nunoi, T. 1-4188
- Mishin, A.S. see Baktybaev, K. 1-23534
- Mishin, A.S. see Funke, L. 1-50485
- Mishin, A.S. see Kiptily, V.G. 1-33208
- Mishin, E.V., Pulnits, S.A. On the mechanism of whistler-frequency emission in the Araks experiments 1-44380
- Mishin, E.V., Ruzhin, Yu.Ya. The dynamics of HF radio emission in the Araks experiments 1-44371
- Mishin, E.V., Ruzhin, Yu.Ya. The model of beam-plasma discharge in the rocket environment during an electron beam injection in the ionosphere 1-44381
- Mishin, E.V. see Charles, G. 1-44377
- Mishin, V.I. see Bekov, G.I. 1-1195, 1-14852
- Mishin, V.M. Magnetospheric and magnetic substorm 1-4705
- Mishin, V.M. see Glazer, A.A. 1-25993
- Mishinev, Zh.T. see Bechev, Kh.D. 1-16988
- Mishkin, E.A., Alejandre, C. Strong imploding shock, the representative curve 1-51815
- Mishkinis, R.A. see Gulyaev, Yu.V. 1-29501
- Mishnavevsky, P.A., Ramm, A.G. Uniqueness theorem for abstract hyperbolic equations with application to the uniqueness of the harmonic coordinate system in general relativity 1-9890
- Mishne, I.I. see Zhukov, M.F. 1-38169
- Mishnev, S.I. see Zholentz, A.A. 1-14381
- Misho, R.H. see Saleh, A.F. 1-2710
- Mishra, B.C., Pradhan, T. Feynman diagram approach to atomic collisions 1-6331
- Mishra, C.P. see Tripathi, L.N. 1-16593, 1-43183
- Mishra, D., Sastry, C.V. Masses of the new baryons and mesons in the quark model 1-45206
- Mishra, D.C. see Murthy, K.S.R. 1-9076
- Mishra, G.P., Rai, S.B., Upadhyaya, K.N. The A-X system of the CuCl molecule 1-51218
- Mishra, G.P., Tripathi, R., Rai, S.B., Upadhyaya, K.N., Rai, D.K. The A-X and the B-X systems of the CuBr molecule 1-45931
- Mishra, J.K. see Bhatta, D. 1-25324
- Mishra, P. see Prakash Chandra Singh 1-6853
- Mishra, P.C. see Gopal, R. 1-24018
- Mishra, P.C. see Srivastava, S.K. 1-10661, 1-14819, 1-19019
- Mishra, R. A note on modified pseudo-Grüneisen parameter 1-38485
- Mishra, R.B. see Deshpande, L.V. 1-328, 1-3348, 1-39056
- Mishra, R.K. see Belli, Y. 1-52798
- Mishra, R.K. see Chandra, S. 1-15796
- Mishra, R.K. see Jain, A.K. 1-35574
- Mishra, R.K. see Rabenberg, L. 1-12339
- Mishra, R.L. Extension of Flory's statistical theory at elevated pressures 1-38467
- Mishra, S. see Chang, W.C. 1-16320, 1-48096
- Mishra, S.C. see Sircar, R. 1-11700
- Mishra, S.S. Ashutosh see Ashutosh Mishra, S.S.
- Mishra, U.C., Negi, B.S., Sethi, S.K. Stratospheric residence times from plateau measurements 1-26863
- Mishra, V. see Tripathi, L.N. 1-16593
- Mishurnyi, Y.A. see Akhmedov, D. 1-51483, 1-51484
- Mishurov, Yu.N. see Berman, V.G. 1-36399
- Mishustin, I.M., Myhrer, F., Siemens, P.J. Entropy of hot matter produced in heavy ion collisions 1-5793
- Mishustin, I.N., Karnyukhin, A.V. The Wiegasser formula for super-dense nuclei 1-5683
- Mishustin, I.N. see Kurilkin, N.N. 1-18588
- Misic, M. see Cornea, I. 1-27089
- Misiewicz, J., Wrobel, J., Sujak-Cyruł, B., Krollicki, F. Reflectivity of Zn₃As₂ and Zn₃P₂ in 0.24-1.2 μm wavelength 1-3429
- Misiuk, A. Reflection X-ray topography of ZnO thin films on non-orienting substrates 1-42659
- Misionas, G.A. see Balevicius, V.I. 1-17049
- Misionas, G.A. see Kimitys, L.L. 1-17050
- Miskaril, A.K., Zemlyanskaya, V.Ya., Guseinova, Z.A., Abduragimova, N.M. Effect of surface-active agents on the structural-mechanical properties of ceramic bodies 1-12902
- Miskovich, A.I. see Il'yashenko, V.S. 1-51316
- Miskovics, A.J. see Mulcahy, T.M. 1-19612
- Miskimen, R.A. see Bosted, P.E. 1-14515
- Miskins, P. see Valacka, K. 1-20867
- Miskolczy, G., Chi Chung Wang, Margulies, A.E., Fuesgini, L.J. Thermionic topping of combined cycle powerplants and cogeneration applications 1-48889
- Miskolczy, G. see Goodale, D.B. 1-53638
- Miskuf, J. see Zentko, A. 1-47863
- Misochko, E.Ya. see Benderskij, V.A. 1-4094
- Misonou, M., Goto, T., Endo, H., Hoshino, H. Electronic properties of liquid Ti-Se mixtures [near semiconductor-metal transition] 1-30908
- Misonou, M. see Hoshino, H. 1-25772
- Misra, A., Ghosh, S. Electron-plasma model for the electromagnetic effect at metallic fracture 1-20310
- Misra, A., Ghosh, S. Electromagnetic radiation characteristics during fatigue crack propagation and failure 1-31773
- Misra, B. see Courbage, M. 1-27876
- Misra, B.N., Kripal, R. ESR linewidth and chemical bonding parameters of Cu/L-citrulline 1-52834
- Misra, C.K., Saxena, M.C., Saxena, A.K. Dielectric relaxation study of intermolecular association through hydrogen bonding of p-halophenols in non-polar solvents 1-12451
- Misra, D.K. Permittivity measurement of modified infinite samples by a directional coupler and a sliding load 1-40814
- Misra, D.N. Monomolecular adsorption isotherms 1-16169
- Misra, J.C., Achari, R.M. Temperature stresses in an infinite disk having a heat source in the vicinity 1-19567
- Misra, J.C., Chakravarty, S. Study of compressibility in vascular rheology 1-35807
- Misra, J.N. see Goyal, D.P. 1-5647
- Misra, K.D., Singh, B.D. On the modifications of the Whistler mode instability in the magnetosphere in the presence of parallel electric field by cold plasma injection 1-17740
- Misra, N.K., Bhanumathy, K. Fourier X-ray line shape analysis of lattice defects from a single reflection 1-42372
- Misra, P., Mohanty, J.N. Dispersion formulae for waves in a magneto-active relativistic plasma 1-34114
- Misra, P.K., McMillan, A.C. On the dispersion parameters of plumes from tall stacks in a shoreline environment 1-27222
- Misra, R., Chakravarty, B., Pradeep Kumar, T.M. Stability of carbon dioxide in the Martian atmosphere 1-22709
- Misra, S.K., Mikolajczak, P., Korczak, S. Electron spin resonance of Gd³⁺ in trifluorides of La, Ce, Pr, and Nd 1-47942
- Misra, S.N., Joshi, G.K., Singh, M. Study of some anhydrous praseodymium fluoro β-diketonates interelectronic repulsion, spin-orbit interaction bonding electronic energy levels and IR spectra 1-51197
- Misra, S.P., Maharana, L., Panda, A.R. Diffractive photoproduction of heavy vector mesons 1-33189
- Misra, S.P., Panda, A.R., Parida, B.K. Diffractive dissociation processes in a field-theoretic quark model 1-10267
- Misra, S.P., Panda, A.R., Parida, B.K. Energy dependence of inclusive and semi-inclusive processes in the quark-cascade jet model 1-45232
- Misra, S.P. see Das, T. 1-14386
- Misra, T.N. see Jain, K.M. 1-12109
- Misra, T.N. see Malik, B. 1-25729
- Misra, T.N. see Talapatra, G.B. 1-16586, 1-48131
- Missiaen, R. see Bricout, J.P. 1-31606
- Missman, R.A. see Pocock, D.N. 1-5380
- Misson, J.C. see Ballereau, D.B. 1-36299
- Mistretta, C.A. see Riederer, S.J. 1-43959
- Mistry, A.B. see Freeman, L.A. 1-14213
- Mistry, B.K. see Ghosh, K. 1-19744
- Mistry, H.D. see Charles, M.W. 1-1044
- Mistry, N.B. see Bebek, C. 1-33191
- Mistry, N.B. see Chadwick, K. 1-33192
- Mistura, L. On the shape of the coexistence curve and of the critical isotherm in a density-density plane 1-23135
- Misuri, G. see Iorio-Fili, D. 1-1671
- Misyul', S.V., A.I., Simonov, M.A. The crystal structure of the ferroelectric phase of ammonium fluoborate (NH₄)₂BeF₄ 1-30196
- Misyura, V.A., Postoyev, Yu.K., Troitskiy, B.V., Tyrnov, O.F. Forms of manifestation of large-scale inhomogeneities in an experiment using the Faraday effect in the reception of signals from Explorer 27 1-22599
- Misyurov, A.I. see Yakushin, B.F. 1-34409
- Miszent, G.S. see Mirarchi, U. 1-16707
- Mita, I. see Itagaki, H. 1-46006
- Mita, T., Sotome, K., Ueta, M. Distribution of excitonic molecules under the giant two-photon excitation in CuCl 1-38726
- Mitachi, S., Shibata, S., Manage, T. Teflon FEP-clad fluoride glass fibre 1-37614
- Mitachi, S. see Shibata, S. 1-6625
- Mitalas, R. Sensitivity to temperature of nuclear energy generation by hydrogen burning 1-54477
- Mitani, H., Fukura, J. Annealing effect of internal stress in evaporated silver films 1-2851
- Mitani, H. see Hirota, J. 1-28590
- Mitani, H. see Nagai, H. 1-8489, 1-16980
- Mitani, H. see Tsubakino, H. 1-31461
- Mitani, H. see Yokota, M. 1-2708, 1-7397, 1-11959, 1-11960
- Mitani, K., Nishino, S., Matsunami, H., Tanaka, T. Deposition and properties of polycrystalline Si for solar cells 1-4179
- Mitani, K. see Katsumata, S. 1-6313
- Mitani, T., Suga, S., Tokura, Y., Koyama, K., Nakada, I., Koda, T. Synchrotron radiation spectroscopy of quasi-one-dimensional materials 1-8088
- Mitani, T. see Tokura, Y. 1-8085
- Mitarai, O. Macroscopic measurements in a turbulent heating experiment 1-29913
- Mitarai, O., Kawai, Y., Kako, F. Numerical analysis of the Buneman instability in a magnetic field 1-19885
- Mitarai, O., Watanabe, T., Nakamura, Y., Nakamura, K., Hiraki, N., Toi, K., Kawai, Y., Itoh, S. Measurements of the dispersion relation of the low-frequency ion acoustic instability in the turbulently heated TRIAM-1 Tokamak plasma 1-42163
- Mitarai, O. see Hiraki, N. 1-34108
- Mitarai, O. see Toi, K. 1-6978, 1-19947
- Mitaroff see Armstrong 1-10254
- Mitaroff, W.A. see Costa, G. 1-23516
- Mitaroff, W.A. see Di Gennaro, V. 1-5660
- Mitchard, G.S., McGill, T.C. Determination of relative impurity concentrations using photoluminescence: a case study of the Si:(B,In) system 1-38399
- Mitchell, R.G. Array measurements of higher mode Rayleigh wave dispersion: an approach utilizing source parameters 1-4443
- Mitchell, A.C., Kovel, M.I., Nellis, W.J., Keeler, R.N. Electrical conductivity of shocked water and ammonia 1-38572
- Mitchell, A.C. see Johnson, Q. 1-42466
- Mitchell, A.C. see Nellis, W.J. 1-30288, 1-38426
- Mitchell, A.C.G. see Snell, A.H. 1-22987
- Mitchell, B.J. Frequency dependence of shear wave internal friction in the continental crust of eastern North America 1-22283
- Mitchell, B.J., Guey-kuen, Y. Surface wave dispersion, regionalized velocity models, and anisotropy of the Pacific crust and upper mantle 1-4446
- Mitchell, C.M., Laufer, E.E. Surface structure in an abraded titanium alloy 1-11967
- Mitchell, D.G., Roelof, E.C. Thermal ion ions in high speed solar wind streams: detection by the IMP 7/8 Energetic Particle Experiments 1-17748
- Mitchell, D.J. see Carnie, S.L. 1-47731
- Mitchell, D.J. see Chan, D.Y.C. 1-11651
- Mitchell, D.N., Wayne, R.P., Allen, P.J., Harrison, R.P., Twin, R.J. Kinetics and photochemistry of NO₃. I. Absolute absorption cross-section 1-13024
- Mitchell, G.E. see Chou, B.H. 1-5765
- Mitchell, G.E. see Sexton, B.A. 1-8175, 1-12615
- Mitchell, G.E. see Wells, W.K. 1-10366
- Mitchell, G.R., Lovell, R. Application of cylindrical distribution functions to wide-angle X-ray scattering from oriented polymers 1-42260
- Mitchell, G.R. see Lovell, R. 1-30094, 1-34185
- Mitchell, I.V. see Alexander, T.K. 1-34376
- Mitchell, I.V. see Andersen, J.U. 1-50687
- Mitchell, I.V. see Ball, G.C. 1-18558
- Mitchell, I.V. see Mokler, P.H. 1-24215
- Mitchell, J.A. see Schick, W.C., Jr. 1-43636
- Mitchell, J.H. see Blomqvist, C.G. 1-13329
- Mitchell, J.W., Beckman, W.A., Pawelski, M.J. Comparisons of measured and simulated performance for CSU House 1-21917
- Mitchell, J.W. see Anderson, J.V. 1-8743
- Mitchell, J.W. see Meyer, B.A. 1-32049
- Mitchell, J.W. see Shirik, J.S. 1-18274
- Mitchell, J.W. see Utzinger, D.M. 1-32039
- Mitchell, K.A.R. On the bond lengths reported for chemisorption on metal surfaces 1-16189
- Mitchell, K.A.R. On the interpretation of adsorption bond lengths from LEED crystallography 1-34567
- Mitchell, K.A.R. see Hengrasme, S. 1-2790
- Mitchell, K.B. see Hauer, A. 1-7005
- Mitchell, K.J. see Condon, J.J. 1-44661
- Mitchell, L.G. see Brooks, R.A. 1-43964
- Mitchell, L.W. see Anderson, M.R. 1-18616
- Mitchell, L.W. see Kennett, S.R. 1-5815
- Mitchell, M. see Seward, F.D. 1-54660
- Mitchell, P., Baxter, J.A., Comer, J., Hicks, P.J. The excitation of autoionisation states of argon by electron impact 1-19190
- Mitchell, R. see Gaidos, J.A. 1-18656
- Mitchell, R.R., Kline, L.E., Denes, L.J. Electrode sheath predictions for attaching gas mixtures 1-38114
- Mitchell, S. see Green, R.G. 1-36630
- Mitchell, T.E. see Phillips, D.S. 1-11871, 1-11872, 1-11873
- Mitchell, T.P. Perturbation of the vectorial elements of non-Keplerian orbits 1-40327
- Mitchell, V.B. see Lockwood, M. 1-17734
- Mishchenko, N.S. see Dushin, R.B. 1-33410
- Mitel'man, A.A. see Malkin, B.Z. 1-7284
- Mitel'man, B.I. see Bukhman, Yu.A. 1-19759, 1-51874

- Mitel'man, M.G., Rozenblyum, N.D., Tregubov, V.B., Shiposikh, Yu.M., Shy-furko, A.I. Operating experience with automatic reactor-power control system at Obninsk Atomic Power Plant employing signals from in-core self-powered detectors 1-23804
- Mitenkov, F.M. *see* Komarov, E.V. 1-10419
- Mitenkov, F.M. *see* Subbotin, V.I. 1-28529
- Miteva, M. *see* Todorov, T. 1-51409
- Miteva, S.S. *see* Sivov, F.A. 1-34022
- Mitewa, M. *see* Russev, P. 1-52835
- Mitic, A., Sato, T., Nishi, H., Hashimoto, H. Deep-level traps in low-dose boron-implanted and low-temperature annealed silicon 1-30656
- Mitichkin, A.I. *see* Dianov, E.M. 1-35006
- Mitin, A.V. *see* Alekseevskii, N.E. 1-38901
- Mitin, A.V. *see* Chugunova, G.P. 1-26084
- Mitin, A.V. *see* Leksin, V.V. 1-21100
- Mitin, B.S. *see* Ligachev, A.E. 1-48303
- Mitin, I.V. *see* Evtukhov, K.N. 1-41710
- Mitin, Yu.N. *see* Zon, B.A. 1-21036
- Mittel, E.G. Elastic and inelastic collision statistics upon reflection from solids 1-53027
- Mit'kina, O.D. *see* Kolobnev, N.I. 1-48391
- Mitler, A.L. *see* Adamyan, V.M. 1-52027
- Mitoma, C. *see* Jones, D.C.L. 1-26955
- Mitomo, M., Hasegawa, Y., Bando, A., Watanabe, A., Suzuki, H. The strength of hot-pressed β -sialon 1-21533
- Mitomo, M., Kuramoto, N., Inomata, Y., Tsutsumi, M. The strength of reaction sintered β -sialon 1-48448
- Mitomo, M., Tanaka, H., Muramatsu, K., Fujii, Y. The strength of α -sialon ceramics 1-12797
- Mitomo, M., Yajima, Y., Kuramoto, N. Thermal decomposition reaction of Sialon 1-16724
- Mitomo, M. *see* Inoue, Z. 1-25211
- Mitov, D.L. *see* Vassilev, A.G. 1-32119
- Mitov, L.P., Pavlov, L.S., Iovov, P.V., Ditschev, L.A. Microprocessor system for electroencephalographic analysis 1-13330
- Mitov, V.N. *see* Zabaluev, V.M. 1-27294
- Mitra, A. *see* Podtar, H.S. 1-53668
- Mitra, A.K. *see* Mukherjee, D. 1-2063
- Mitra, A.P. Stratospheric minor constituents and the ozone depletion problem 1-54200
- Mitra, G.B., Datta, A.K. Photon-operated projection X-ray microradiographs and their laser optical transforms 1-45047
- Mitra, G.B., Mukherjee, P.S. X-ray diffraction study of fibrous polymers. I. Degree of paracrystallinity—a new parameter for characterizing fibrous polymers 1-47019
- Mitra, M. *see* Lange, K.W. 1-8269
- Mitra, P. *see* Clarke, R.H. 1-29007
- Mitra, R.N. *see* Singh, B.K. 1-30821
- Mitra, S.C., Chasker, M.R., Phadke, S.A. Design and fabrication of a simple schlierenscope 1-40626
- Mitra, S.K., Amini, M., Fincham, D., Hockney, R.W. Molecular dynamics simulation of silicon dioxide glass 1-52075
- Mitra, S.K., Hockney, R.W. Distribution of holes in simulated silicon dioxide glass 1-2332
- Mitra, S.S., Maiti, C.R., Dutta Roy, S.K. A cylindrical boil-off calorimeter for measuring the temperature and pressure dependence of thermal conductivity of cryogenic insulators 1-5314
- Mitra, S.S. *see* Dutta Roy, S.K. 1-31080
- Mitra, S.S. *see* Maiti, C.R. 1-9980
- Mitra, S.S. *see* Vaidyanathan, A. 1-35003, 1-37543
- Mitra, T.K. *see* Mukhopadhyay, S. 1-42703
- Mitrakov, L.N. *see* Maidanik, V.N. 1-10420
- Mitrenin, V.Y., Savel'ev, G.G. Potential barriers of some bimolecular reactions 1-26739
- Mitreva, N.A. *see* Ivanov, K.I. 1-9853
- Mitrikov, M.P. Some dosimetric characteristics of beryllium-oxide exodetectors 1-14700
- Mitrofanov, B.V. *see* Borisov, S.V. 1-35347
- Mitrofanov, I.G. The effect of light deflection in a gravitational field on the background radiation 1-54369
- Mitrofanov, I.G. *see* Pavlov, G.G. 1-22834
- Mitrofanov, K.P. *see* Reiman, S.I. 1-51025
- Mitrofanov, V.P., Ovodova, L.G., Shiyun, V.S. Damping of longitudinal acoustic waves in sapphire due to the phonon-phonon interaction 1-25380
- Mitrofanov, V.V., Korte, N.V. Error sources in the transmitting and receiving systems of optical rangefinders 1-11070
- Mitrofanov, V.Ya. *see* Ivanov, M.A. 1-47879
- Mitrofanov, Yu.F. *see* Duglav, L.N. 1-28105
- Mitrokhin, V.A. *see* Andrievskii, R.A. 1-21530
- Mitroshin, V.E. *see* Gusinskiy, G.M. 1-45423
- Mitroshin, V.E. *see* Zvonov, V.S. 1-45383
- Mitroshin, V.G. *see* Kalyashin, V.I. 1-15483
- Mitrovic, B. *see* Daams, J.M. 1-34825
- Mitrovic-Scepanovic, V., Ives, M.B. The nature of anodic films on nickel and single phase nickel-molybdenum alloys 1-21624
- Mitsai, Yu.N. Transient Josephson effect in a contact with an intermediate normal metal layer 1-25840
- Mitsal, V.N., Fedorov, V.B. Controlled image multipliers for optoelectronic memories. I. Studies of angular optical characteristics of an interference beam splitter with a polarization-plane switch 1-6636
- Mitsay, Yu.N., Shakhova, N.V. On the spectrum and damping of magnons in an anisotropic ferromagnet 1-20969
- Mitse, A.I. The effect of atomic order on elastic and magnetic properties of cubic CuAu-type alloys 1-7827
- Mitse, A.I. Thermodynamical theory of the alloy cubic-to-hexagonal lattice transformation 1-20383
- Mitse, A.I. Chromium magnetic properties and polymorphism 1-20976
- Mitse, A.I., Karnaukhov, I.N. Dislocation internal friction in ferromagnets 1-31004
- Mitse, A.I. *see* Pushkar', V.N. 1-30992
- Mitsel'makher, G.V. *see* Galperin, A.S. 1-10259
- Mitsievik, N.V., Pandey, S.N. On the motion of test particles in the field of a plane gravitational wave 1-9912
- Mitsubishi, T., Takahashi, Y. Measurement and analysis of high-temperature heat capacity of rutile 1-25453
- Mitsubishi, Y. Saturable Fabry-Perot filter for nonlinear optical image processing 1-51566
- Mitsushashi, Y., Morikawa, T., Shimada, J., Sakurai, K., Mitsutsuka, S. Polarization-rotated optical feedback in self-coupled optical pickup 1-6598
- Mitsui, K. *see* Yoshida, S. 1-13124
- Mitsui, T., Iio, K. Brillouin scattering in organic molecular crystal: meta-dinitrobenzene 1-48099
- Mitsui, T. *see* Inoko, Y. 1-7084
- Mitsui, T. *see* Takahighe, M. 1-42310
- Mitsushishi, A. *see* Murakami, Y. 1-53701
- Mitsunaga, K., Murakami, K., Masuda, M., Koyama, J. Optical LiNbO₃ 3-branched waveguide and its application to a 4-port optical switch 1-19474
- Mitsunaga, Y., Katsuyama, Y., Ishihara, K. Strain measurement in optical cables using resistance wire 1-1690
- Mitsunaga, Y. *see* Katsuyama, Y. 1-33803, 1-41990
- Mitsunami, T. *see* Kubotera, A. 1-49230
- Mitsutake, T. *see* Tsunoyama, S. 1-50868
- Mitsutsuka, N. *see* Kitani, S. 1-45630
- Mitsutsuka, S. *see* Mitsushashi, Y. 1-6598
- Mitsuyu, T., Wasa, K. High dielectric constant films of amorphous LiNbO₃ prepared by sputtering deposition 1-43057
- Mitsuyu, T. *see* Yamazaki, O. 1-24640
- Mittag, J. *see* Horn, E. 1-39913
- Mittakhov, N.M. *see* Grushko, A.I. 1-41339
- Mittal, J.P. *see* Karve, R.S. 1-51249
- Mittal, R.C. *see* Velu, E.M.T. 1-26427
- Mittemeijer, E.J., Delhez, R. Determination of compositional variations by X-ray diffraction line profile analysis 1-29985
- Mittemeijer, E.J., Straver, W.T.M., Colijn, P.F., van der Schaaf, P.J., van der Hoeven, J.A. The conversion cementite— ϵ -nitride during the nitriding of Fe-C alloys 1-26674
- Mittemeijer, E.J., Vogels, A.B.P., Van Der Schaaf, P.J. Morphology and lattice distortions of nitrated iron and iron-chromium alloys and steels 1-35285
- Mittemeijer, E.J. *see* Bendijk, A. 1-21438
- Mittemeijer, E.J. *see* Delhez, R. 1-29962
- Mittenebacher, J., Gartner, K. Proton ranges in silicon and in Si-SiO₂ double layers 1-11798
- Mittendorfer, J. *see* Gottgens, R. 1-50472
- Mitter, H., Widder, F. Classical solutions of σ models 1-5471
- Mitter, S.K. On the analogy between mathematical problems of nonlinear filtering and quantum physics 1-49986
- Mitterer, R.M. *see* Harmon, R.S. 1-44207
- Mitterhofer, F. Processing stability of polyolefins 1-48398
- Mittig, W. *see* Rotberg, V.H. 1-5731
- Mittig, W. *see* Villari, A.C.C. 1-37042
- Mittlefehldt, D.W. The composition of mesosiderite olivine clasts and implications for the origin of pallasites 1-22739
- Mitra, R. *see* Safavi-Naini, S. 1-29177
- Mittse, M.A. *see* Loginov, M.V. 1-25574, 1-25577
- Mityaev, N.N. *see* Sorokin, D.N. 1-11397
- Mityagin, A.Yu. *see* Dvoryankin, V.F. 1-25578
- Mityakov, N.A. *see* Grach, S.M. 1-51951
- Mityurich, G.S. *see* Sheplevich, V.V. 1-6452
- Mityushov, E.A. *see* Vainshtein, A.A. 1-43392
- Mitzel, F. *see* Edelmann, M. 1-18730
- Mitzkat, H.J. *see* Zick, R. 1-43949
- Mitznar, W.A. *see* Grothberg, J.B. 1-32159
- Miura, E. *see* Nakayama, K. 1-31405
- Miura, H. *see* Udawada, F.E. 1-32368
- Miura, I. *see* Okuno, O. 1-29622
- Miura, I. *see* Yamagata, T. 1-45484
- Miura, K., Shimano, K., Yokoyama, T. Dislocation damping in Cu₃Al alloys 1-42393
- Miura, M. The differentiating feature between the III-V and the II-VI compounds crystallizing with the zincblende and the wurtzite structure 1-15830
- Miura, N., Kido, G., Katayama, H., Chikazumi, S. Magneto-optic effects in the exciton absorption spectra observed in megagauss fields 1-48039
- Miura, N. *see* Kido, G. 1-40872
- Miura, S., Hamashima, K. Effect of orientation on work softening in aluminum single crystals 1-8332
- Miura, S., Hamashima, K., Aust, K.T. Plastic deformation of aluminum bicrystals having $\Sigma 7$ and $\Sigma 21$ coincidence tilt boundaries 1-8366
- Miura, S. *see* Nakagawa, Y. 1-34181
- Miura, S. *see* Okazaki, K. 1-16538
- Miura, S. *see* Uemura, K. 1-32235
- Miura, T. *see* Ehara, K. 1-31121
- Miura, Y. *see* Miyatake, O. 1-15548
- Miura, Y. *see* Takahashi, K. 1-3973, 1-3974, 1-20475, 1-25481, 1-30435
- Miura, Y. *see* Uemura, K. 1-32235
- Miura, Y. *see* Yamabe, K. 1-42861
- Miwa, K. *see* Ichikawa, R. 1-53167
- Miwa, T., Asahi, Y., Genda, H. Investigation of silver halide emulsion with scanning electron microscope (SEM). II. Recording SEM image signals with a multi-channel data recorder and its use for standardization of SEM 1-23370
- Miwa, T., Kanada, K. Design of a vibration isolator for portable vibrating tools 1-19630
- Miwa, T. *see* Asahi, Y. 1-33074
- Miwa, T. *see* Katsuki, K. 1-31599
- Miwa, T. *see* Okayama, H. 1-33073
- Miwa, T. *see* Sato, M. 1-36821
- Miya, K., Hara, K., Tabata, Y. Finite element analysis of experiment on dynamic behavior of cylinder due to electromagnet force 1-900
- Miya, K. *see* Matsumoto, N. 1-18718
- Miya, T., Terunuma, Y., Hosaka, T., Kawana, A. Low loss zero-dispersion single-mode fibers in the 1.5 μ m wavelength region 1-41846
- Miya, T. *see* Monerie, M. 1-24500
- Miya, T. *see* Sensui, S. 1-11205
- Miya, T. *see* Tanaka, S. 1-11124
- Miyachi, I. *see* Nagata, M. 1-15700
- Miyachi, I. *see* Sakuta, T. 1-15738
- Miyachi, T. *see* Akino, Y. 1-41273
- Miyadai, T. *see* Okada, O. 1-47853
- Miyade, E. *see* Adachi, S. 1-29362
- Miyagawa, O. *see* Fujita, H. 1-26538
- Miyagawa, S. *see* Ato, Y. 1-20528
- Miyagawa, S. *see* Kodama, M. 1-53491
- Miyagi, H., Nagara, H. Structural expansion for the ground-state energy of simple metals. III. Dynamical effect on the first-order polarization term 1-16243
- Miyagi, H. *see* Nagara, H. 1-20505
- Miyagi, H. *see* Niki, H. 1-11954
- Miyagi, M., Funakoshi, N. Internal stress and thermal expansion coefficient of Gd-Si films 1-42661
- Miyagi, M., Sato, Y., Mizuno, T., Sawada, S. Some observations on the surfaces of titanium and practical titanium alloys by ESCA 1-8472
- Miyagi, M. *see* Dazai, M. 1-41862
- Miyagi, T., Yoshii, K. Solar absorption refrigerator system 1-43798
- Miyaguchi, K. Analytical studies on local flow blockages in LMFBR subassemblies, using the UZU code 1-23796
- Miyaguchi, K. *see* Nakamura, H. 1-23798
- Miyahara, A. Surface study of fusion research in universities linkage organization 1-5999
- Miyahara, A. Nuclear fusion research in the framework of applied physics 1-23852
- Miyahara, A. *see* Akaiishi, K. 1-25583
- Miyahara, A. *see* Kabeya, Z. 1-27930
- Miyahara, A. *see* Kawamura, T. 1-6001, 1-24990
- Miyahara, A. *see* Kawasaki, S. 1-18894
- Miyahara, A. *see* Kubota, Y. 1-36648
- Miyahara, A. *see* Sagara, A. 1-25560
- Miyahara, Y. *see* Matsuzaki, Y. 1-2226
- Miyahara, Y. *see* Nomura, H. 1-7356
- Miyahata, M. *see* Kakuda, T. 1-9009
- Miyaji, H., Watanabe, S. Mechanism for development of [111]-type recrystallization texture with excellent drawability in 17 Cr stainless steel 1-48372
- Miyaji, K. *see* Takahashi, H. 1-37616
- Miyaji, S., Nomoto, K., Yokoi, K., Sugimoto, D. Supernova triggered by electron captures 1-54535
- Miyaji, T. *see* Fukui, Y. 1-36383
- Miyajima, H. Computer controlled systems for experimental physics. III 1-40766
- Miyajima, M. *see* Asano, Y. 1-1022
- Miyajima, M. *see* Takahashi, T. 1-21269
- Miyajima, S., Nakamura, N., Chihara, H. Fluorine nuclear magnetic relaxation study of K₂SrF₆: Anisotropic reorientation of the square pyramidal ions 1-26062
- Miyajima, Y., Kawata, O., Kojima, N. Excess loss due to hydraulic pressure in single-mode optical fibers 1-24510
- Miyakawa, K., Yagi, T. A central peak in the light scattering spectra of the ferroelectric TGS 1-26222

- Miyakawa, T. *see* Kawai, M. 1-46460
- Miyake, A., Hoshino, Y. Theory of twisted stiff chains. IV 1-37373
- Miyake, K. Optical pulsed ranging. Effect of atmospheric scintillation on measurement accuracy 1-36058
- Miyake, K., Usui, T. Gauge wheel of superfluids 1-34538
- Miyake, K. *see* Matsushima, S. 1-53198
- Miyake, K. *see* Suzuki, T. 1-20019
- Miyake, K.P. *see* Sasada, K. 1-14197
- Miyake, M., Hirooka, Y., Imoto, T., Sano, T. Chemical vapour deposition of molybdenum on graphite 1-12668
- Miyake, M. *see* Hirooka, Y. 1-42629
- Miyake, T. *see* Ohashi, Y. 1-26539
- Miyake, T. *see* Seko, M. 1-781
- Miyake, Y., Sugimura, Y., Saruhashi, K., Katsuragi, Y., Hirose, K. Plutonium and americium in the environment 1-53711
- Miyake, Y. *see* Fushimi, K. 1-44255
- Miyake, Y. *see* Honda, K. 1-43491
- Miyake, Y. *see* Izumi, Y. 1-25487
- Miyaki, S. *see* Kaneda, E. 1-32538
- Miyako, Y., Saito, T., Chikazawa, S., Yuochunas, Y.G. Anomaly of the dynamic susceptibility in a spin-glass compound ($\text{Ti}_{0.5}\text{V}_{0.5}\text{O}_3$) 1-7847
- Miyako, Y. *see* Chikazawa, S. 1-12301
- Miyakoshi, J. *see* Kano, E. 1-53822
- Miyakoshi, T. Shadow poles; general discussion including detection and application 1-5643
- Miyakoshi, J. *see* Ishida, T. 1-26938
- Miyama, H., Fujii, N., Nagae, Y. Heterogeneous photocatalytic synthesis of ammonia from water and nitrogen 1-8604
- Miyama, T., Matsushita, S., Sakurai, Y. Effects of in-plane field on domain wall dynamics in amorphous GdCo magnetic films 1-12370
- Miyamae, K. *see* Aoki, K. 1-20752, 1-32602
- Miyamoto, A. *see* Fukushima, M. 1-45770
- Miyamoto, A. *see* Terada, S. 1-14415
- Miyamoto, H. *see* Kitagawa, K. 1-8358
- Miyamoto, H. *see* Konagai, M. 1-4195, 1-13126
- Miyamoto, K. *see* Ohkubo, K. 1-11576, 1-46902
- Miyamoto, M., Satoh, C., Ohashi, M. The overall distribution of mass in our Galaxy 1-17896
- Miyamoto, M., Sumikawa, J., Akiyoshi, T., Nakamura, T. Effects of axial heat conduction in a vertical flat plate on free convection heat transfer 1-19545
- Miyamoto, S., Imasaki, K., Higaki, S., Ozaki, T., Nakai, S., Yamanaka, C. Production of ion beams in pinched-electron-beam diode 1-10564
- Miyamoto, S. *see* Imasaki, K. 1-6982
- Miyamoto, S. *see* Makishima, K. 1-22873
- Miyamoto, S. *see* Matsuo, K. 1-22927
- Miyamoto, S. *see* Murakami, T. 1-27633
- Miyamoto, T., Tatsumi, H., Yamakawa, Y., Tokunaga, K., Yonehata, A., Kuki, T. Radio data collection system applied to landslide areas 1-36078
- Miyamoto, T. *see* Okuda, S. 1-34161
- Miyamoto, Y. Structure and phase transformation of rhombohedral selenium composed of Se_6 molecules 1-11720
- Miyamoto, Y. *see* Fujinaka, H. 1-35227
- Miyamoto, Y. *see* Kuge, S. 1-35173
- Miyamura, A., Iwasaki, S., Ishii, T. Experimental wall correction factors of single solid spheres in triangular and square cylinders, and parallel plates 1-29760
- Miyazawa, S., Asakura, T. Power loss coefficient of a grating coupler 1-19419
- Miyazawa, S., Asakura, T. Intensity profile of outgoing beams from uniform and linearly tapered grating couplers 1-46590
- Miyazawa, T. *see* Takekoshi, H. 1-14708
- Miyazaki, M. *see* Terashita, K. 1-35295
- Miyazaki, M. *see* Ushida, N. 1-546
- Miyano, K. *see* Sohl, C.H. 1-2779
- Miyano, K. *see* Tarazon, J.C. 1-34230
- Miyao, M., Itoh, K., Tamura, M., Tamura, H., Tokuyama, T. Furnace annealing behavior of phosphorus implanted, laser annealed silicon 1-2480
- Miyao, M. *see* Chinen, K. 1-26389
- Miyao, M. *see* Itoh, H. 1-4186
- Miyasaka, K., Imoto, T., Koganeya, H., Uehara, K., Ishikawa, K., Ogata, N. Nylon-6 α -phase crystal: chain repeat distance and modulus in the chain direction at low temperature 1-2345
- Miyasaka, S. *see* Oka, Y. 1-10416
- Miyasaka, T., Honda, K. Photoelectrochemical studies on the monolayer assemblies of chlorophyll a. On the quantum efficiency of photocurrent generation 1-39657
- Miyasato, T., Tokumura, M., Akao, F. Magnetic field dependence of ballistic heat-pulse attenuation in Sb doped Ge 1-16443
- Miyasato, T., Tokumura, M., Toguchi, M., Akao, F. Magnetic field dependence of acoustic attenuation in uniaxially compressed Sb doped Ge 1-34751
- Miyase, A., Piekarski, K. Compatibility of chromium carbide coated graphite fibres with metallic matrices 1-39586
- Miyashita, H., Sato, T., Kaise, M. Cardiovascular system—heart and vessels 1-49144
- Miyashita, H. *see* Ito, S. 1-3586
- Miyashita, S. *see* Baum, G. 1-28323
- Miyata, E. *see* Iijima, T. 1-52357
- Miyata, H. *see* Kasahara, J. 1-44315
- Miyata, H. *see* Kawati, S. 1-23487
- Miyata, H. *see* Tanaka, H. 1-1959
- Miyata, K. *see* Kikuchi, M. 1-19973
- Miyata, K. *see* Yasutomo, Y. 1-46926
- Miyata, T. *see* Otsuka, A. 1-3895
- Miyata, Y. *see* Yamada, H. 1-14920
- Miyatake, H. *see* Tsunashima, S. 1-38926
- Miyatake, O., Hashimoto, T., Miura, Y. Laminar flow in an open channel with a series of submerged rectangular orifices and vertical baffles 1-15548
- Miyatani, T. *see* Osamura, K. 1-21452
- Miyauchi, E. *see* Daido, Y. 1-41838
- Miyauchi, E. *see* Nakajima, H. 1-11212
- Miyauchi, K., Kudo, T., Suganuma, T. High ionic conductivity of $\text{Na}-\beta\text{Ga}_2\text{O}_3$ thin film 1-34503
- Miyauchi, K. *see* Ishida, T. 1-40302
- Miyauchi, M. *see* Sato, S. 1-3891
- Miyauchi, T. *see* Mori, Y. 1-29682
- Miyauchi, T. *see* Sonomura, H. 1-7149
- Miyazaki, A. Scalar interaction in the Brans-Dicke theory 1-32885
- Miyazaki, E. *see* Kojima, I. 1-25537
- Miyazaki, H., Hanamura, E. First and second order optical responses in exciton-phonon system 1-35062
- Miyazaki, K. Interaction of high-power laser pulses with atomic media. I. Spontaneous fields in multiphoton ionization 1-45919
- Miyazaki, K., Okamoto, A., Nakajima, H. Optical multiplexer/demultiplexers using thin-film optical filters 1-41876
- Miyazaki, K., Okamoto, A., Nakajima, H., Tokoyo, N. The effects of errors in layer thickness and refractive index on transmission property of $\text{TiO}_2\text{-SiO}_2$ interference filters 1-37592
- Miyazaki, K., Sato, T., Kashiwagi, H. Interaction of high-power laser pulses with atomic media. II. Optical second-harmonic generation 1-51551
- Miyazaki, M. *see* Hijikata, A. 1-53381
- Miyazaki, T., Hasimoto, H. Separation of creeping flow past two circular cylinders 1-11430
- Miyazaki, T., Imamura, H., Mori, H. Doublets of γ precipitate in Ni-Al alloys 1-43344
- Miyazaki, T., Takabatake, J., Kozakai, T., Mori, H. Modulated structure in iron-wolfram binary alloys prepared by liquid-quenching 1-3806
- Miyazaki, T. *see* Mori, H. 1-3857, 1-21527
- Miyazaki, Y. *see* Taki, K. 1-24536
- Miyazawa, M. *see* Tanaka, S. 1-1815
- Miyazawa, S. Ferroelectric thin-film 1-3338
- Miyazawa, S. *see* Kondo, S. 1-3349
- Miyazawa, S. *see* Kurita, K. 1-34250
- Miyazawa, S. *see* Naganuma, M. 1-31356
- Miyazawa, T., Mizuguchi, H., Yoshioka, K., Idegawa, H., Kameda, A., Sato, M. LMFBFR instrumentation development status 1-18732
- Miyazawa, T. *see* Ishizuka, A. 1-41258
- Miyazawa, T. *see* Nishino, O. 1-45631
- Miyazoe, Y. *see* Maeda, M. 1-41355, 1-41723, 1-51454
- Miyoshi, K., Buckley, D.H. Adhesion and friction of single-crystal diamond in contact with transition metals 1-31671
- Miyoshi, K., Buckley, D.H. The friction and wear of metals and binary alloys in contact with an abrasive grit of single-crystal silicon carbide 1-43537
- Miyoshi, K. *see* Fujiwara, I. 1-5159
- Miyoshi, K. *see* Kawai, H. 1-34253
- Miyoshi, S. *see* Ishii, K. 1-19978
- Miyoshi, T. On existence proof in plasticity theory 1-15420
- Miyoshi, T. *see* Shiratori, M. 1-46711
- Miyoshi, T. *see* Yanagi, K. 1-19435
- Mizera, E. *see* Morawiec, J. 1-52305
- Mizerov, M.N. *see* Abramov, A.V. 1-35162
- Mizerski, J. *see* Fiutak, J. 1-10981
- Mizetskii, V.L. *see* Kuslitskii, A.B. 1-3930
- Mizobuchi, Y. *see* Murayama, J. 1-8745
- Mizogawa, T. *see* Nakayama, Y. 1-18328
- Mizoguchi, K. *see* Itai, Y. 1-47267
- Mizoguchi, K. *see* Yagi, S. 1-2667
- Mizoguchi, M. *see* Yanai, K. 1-39006
- Mizoguchi, T., Akimitsu, M., Takayama, S. Recoilless fraction of Mossbauer absorption in amorphous Fe alloys 1-26090
- Mizoguchi, T., Hatta, S. Fundamental magnetism and relaxation phenomena of amorphous alloys 1-42952
- Mizoguchi, T., Hatta, S., Kato, H., Arai, H., Maeda, K., Akutsu, N. Effects of annealing and fabrication conditions on the magnetic properties of amorphous ferromagnetic alloys 1-12765
- Mizoguchi, T., Hatta, S., Maeda, K. Magnetic relaxation in amorphous alloys 1-30983
- Mizoguchi, T., Kudo, T., Takayama, S. Lorenz number in metallic glasses 1-30702
- Mizoguchi, T., Shiotani, N., Mizutani, U., Kudo, T., Yamada, S. Structure and physical properties of a simple metal-metal amorphous alloy $\text{Mg}_{70}\text{Zn}_{30}$ 1-30085
- Mizohata, A. *see* Kusaka, Y. 1-49291
- Mizonov, N.V. *see* Subbotin, V.I. 1-28529
- Mizoshiri, I., Tsudagawa, M., Yamada, H. Fabrication of mode converter of echocardiogram 1-22087
- Mizoue, M., Nakamura, K., Izutuya, S. Mode of vertical crustal movements as deduced from the precise relevelings in the Ojiya active folding area, Niigata Prefecture, Northeast, Japan 1-44161
- Mizrahi, J., Susak, Z. Point strain measurement of the pulse 1-35903
- Mizrahi, M.M. Comment on 'Discretization problems of functional integrals in phase space' 1-14042
- Mizrahi, M.M. Correspondence rules and path integrals 1-40669
- Mizrukhin, L.V., Peshko, I.I., Soskin, M.S., Khizhnyak, A.I. Hologram gratings formed by self-induced transparency 1-1523
- Mizubayashi, H. *see* Kuramochi, N. 1-15897
- Mizugai, Y., Takimoto, F., Katayama, M. The fourth overtone of the free O-H stretching vibrations of alcohols and their solvent effect 1-28963
- Mizugaki, K. *see* Morishita, H. 1-13757
- Mizuguchi, H. *see* Miyazawa, T. 1-18732
- Mizuguchi, J. Fast photoconduction decays in evaporated thick films of β -copperphthalocyanine 1-42817
- Mizuhara, H. Vocal communication among Japanese monkeys 1-51667
- Mizuhashi, M. Electrical properties of post-oxidized $\text{In}_2\text{O}_3\text{-Sn}$ films 1-47769
- Mizubashi, M. *see* Noguchi, S. 1-53009
- Mizui, J.-I. *see* Fujimoto, T. 1-46859
- Mizukami, A. Nonsteady shear flow of micropolar fluids 1-24847
- Mizuki, J., Endo, Y. Neutron diffraction experiments under high pressure with a microbeam 1-38206
- Mizuki, J. *see* Takahashi, J. 1-12602
- Mizuki, S.-y. *see* Matsui, S. 1-43556
- Mizuki, Y., Tanaka, M., Isozaki, H., Nishijima, H., Inanaga, K. Periodic appearance of theta rhythm in the frontal midline area during performance of a mental task 1-17375
- Mizukusa, S. *see* Kume, S. 1-18244, 1-50150
- Mizumoto, Y., Iwata, S., Sasajima, K., Yase, Y., Yoshida, S. Alpha particle excited X-ray fluorescence analysis for trace elements in cervical spinal cords of amyotrophic lateral sclerosis 1-53880
- Mizunami, T. *see* Maeda, M. 1-51454
- Mizuno, H. Formation of the giant planets 1-9414
- Mizuno, H., Nakamura, H., Shirakawa, Y., Kukimoto, H. Photoelectric properties of ZnSe/GaAs heterojunctions prepared by the close-spaced technique 1-39774
- Mizuno, H., Nakazawa, K., Hayashi, C. Dissolution of the primordial rare gases into the molten Earth's material 1-13576
- Mizuno, H. *see* Kobayashi, M. 1-23892
- Mizuno, J. *see* Ishihara, T. 1-1191
- Mizuno, K. *see* Kawakami, M. 1-52866
- Mizuno, M., Noguchi, T. Phase diagram of the system $\text{Al}_2\text{O}_3\text{-Yb}_2\text{O}_3$ at high temperatures 1-26436
- Mizuno, M. *see* Takahashi, K. 1-24693
- Mizuno, M. *see* Terao, K. 1-26506
- Mizuno, M. *see* Wakayama, N.I. 1-12520
- Mizuno, T., Kataoka, H. A study of the lubrication mechanism in deep drawing 1-26627
- Mizuno, T. *see* Miyagi, M. 1-8472
- Mizusawa, T., Kajita, T., Naruoka, M. Analysis of skew plate problems with various constraints 1-41974
- Mizushima, J., Segami, A. Initial condition dependence of the statistical properties of Burgers' turbulence 1-29656
- Mizushima, K. *see* Tanaka, S. 1-12388
- Mizushima, Y., Sugeta, T., Urisu, T., Nishihara, H., Koyama, J. Ultralow loss waveguide for long distance transmission 1-6649
- Mizushima, T. *see* Nakajima, M. 1-1963
- Mizushima, T. *see* Ogino, F. 1-19774
- Mizuta, S. *see* Koumoto, K. 1-20370
- Mizutani, H. *see* Kurita, K. 1-49264
- Mizutani, T., Hiramatsu, R., Danjo, K., Otsuka, A. Adsorption of some detergents on silicone-coated porous glass 1-31908
- Mizutani, T., Sugiura, N., Suzuoki, Y., Ieda, M. X-ray induced currents in polyvinylidene fluoride 1-43062
- Mizutani, T., Tsukahara, T., Ieda, M. Thermally-stimulated currents in oxidized low-density polyethylene 1-21118
- Mizutani, T. *see* Avishai, Y. 1-18682, 1-23685, 1-50513
- Mizutani, T. *see* Cugnon, J. 1-50614
- Mizutani, T. *see* Fayard, C. 1-583
- Mizutani, T. *see* Koltun, D.S. 1-5804

- Mizutani, U. Electron transport properties of metallic glasses 1-42738
- Mizutani, U. *see* Mizoguchi, T. 1-30085
- Mizutani, U. *see* Suganuma, M. 1-31049, 1-38552
- Mizutani, Y. *see* Okumura, Y. 1-50270
- Mizuchi, T. *see* Morimoto, S. 1-42216
- Mjornmark, U. *see* Cockerill, D. 1-14742
- Mkhitaryan, R.A. *see* Glukhovskii, G.S. 1-23359
- Mkhitaryan, R.A. *see* Solovchik, O.M. 1-28109
- Mkhwana, X.H. *see* Wigmore, J.K. 1-15996
- Mkrtychyan, V.S. *see* Aivazov, M.I. 1-25906, 1-47841
- Mkrtychyan, E.M. *see* Gerasimov, A.B. 1-30275
- Mladenov, I. *see* Genov, G. 1-31551
- Mladenov, I.M., Kotarov, M.D., Vassileva-Popova, J.G. Method for computing the characteristic polynomial 1-1053
- Mlejnek, H.P. *see* Argyris, J.H. 1-9836
- Mlekojad, R.L. *see* Spejewski, E.H. 1-10578
- Mlodinow, L.D. SO(2, 1) algebra and the large N expansion in quantum mechanics 1-23030
- Mlodinow, L.D., Papanicolaou, N. Pseudo-spin structure and large N expansion for a class of generalized helium Hamiltonians 1-49960
- Mlynec, J., Drake, K.H., Kersten, G., Frolich, D., Lange, W. Double-resonance polarization spectroscopy using modulation sidebands 1-40868
- Mnatsakanian, K.G., Kuritsyn, V.P., Seryakov, K.I., Cheremisin, V.S. Behaviour of arc in between nozzle and downstream electrode in SF₆ puffer circuit-breaker 1-15690
- Mnatsakanian, T.T. *see* Kuz'min, V.A. 1-52650
- Mnatsakanian, G.A. *see* Martirosyan, R.M. 1-12395
- Mnatsakanian, M.A. Pulsars. Survey of observational data 1-9547
- Mnatsakanian, R.G., Oskanyan, A.V., Lovash, M. On the frequency of supernovae 1-9542
- M.N.Khlopkin *see* Khlopkin, M.N.
- Mnushkina, I.E. *see* Dudnik, E.F. 1-7320
- Mnushkin, V.E. *see* Basov, Yu.G. 1-6565
- Mo, J.N. *see* Warwick, A. 1-50495
- Mo, L.W. *see* Nunamaker, T.A. 1-10609
- Mo, O. *see* Catalan, J. 1-24025
- Mo Dang, Chen Shuguang, Xu Geng Dispersion and ellipsometric spectrum of silicon 1-31112
- Mo Dang, Lu Yin-cheng, Li Dan-hui, Liu Shang-he, Lu Wu-xing Ellipsometric study of damage and annealing in arsenic ion implanted silicon 1-20244
- Mo Khan Khen *see* Khan Khen Mo
- Mo Koo Yang *see* Yang Mo Koo
- Mo Wen-Chuan *see* Xie Qu-Bing 1-45355
- Mo-lin Ge *see* Ge Mo-lin
- Mo, T. *see* Johnson, P. 1-5659
- Moacanin, J. *see* Gupta, A. 1-36654
- Moacanin, J. *see* Gupta, M.C. 1-11293
- Moacanin, J. *see* Sarbolouki, M.N. 1-13112
- Moak, C.D. *see* Alton, G.D. 1-46104
- Moak, C.D. *see* Golovchenko, J.A. 1-38418
- Moake, G.L. *see* Meyer, H.O. 1-41096
- Moakler, E.J. *see* Martin, B.D. 1-26640
- Moalem, A. *see* Bar-Touv, J. 1-28443, 1-28443
- Moalem, A. *see* Burde, J. 1-28412
- Moalem-Maron, D., Sokolov, M., Sideman, S. A closed periodic condensation-evaporation cycle of an immiscible gravity driven bubble 1-19701
- Moaty, M. *see* Abdel Moaty, M.
- Mobayyen, M. *see* Deden, H. 1-28311
- Mobed, N., Chatterjee, M.L., Beeley, P., Lee, J.K.P. Deuteron induced fission in ²³⁵U 1-50665
- Moberg, L., Naser, J.A., Rasmussen, J. RAMONA analysis of the Peach Bottom turbine trip tests 1-5956
- Moberg, L., Saur, T.O. Uncertainties in the void dependence of nuclear parameters in BWR transient calculations 1-50861
- Mobilio, S. *see* De Crescenzi, M. 1-31232
- Mobilio, S. *see* Vlaic, G. 1-28992
- Mobius, D. *see* Steiger, R. 1-17082
- Mobius, E., Ipavich, F.M., Scholer, M., Gloeckler, G., Hovestadt, D., Klecker, B. Observations of a nonthermal ion layer at the plasma sheet boundary during substorm recovery 1-17741
- Mobius, E. *see* Piel, A. 1-6940
- Mobius, K. *see* Frohling, W. 1-12430
- Mobius, K.-H. *see* Moroz, Z. 1-45765
- Mobius, K.-H. *see* Tunge, G. 1-33256
- Mobley, F.F., Eckard, L.D., Fountain, G.H., Ousley, G.W. MAGSAT - a new satellite to survey the Earth's magnetic field 1-9346
- Mocala, K. *see* Kozlowski, R. 1-34319
- Moccia, A., Vetrilla, S. Considerations and examples of the geometric correction of images taken by the MSS system of the Landsat satellite 1-4665
- Moccia, A. *see* Pelliccia, E. 1-50911
- Mocellin, A. *see* Carnal, E. 1-26423
- Moch, P. *see* Abdalian, A.T. 1-12491
- Mochalina, L.P. *see* Kravchenko, G.I. 1-6738
- Mochel, J. *see* McMillan, W.L. 1-42692
- Mochel, J.M. *see* Dodson, B.W. 1-34754
- Mochernyuk, D.Yu. Determining the criteria of similarity by a method of conjugation of dimensional values 1-32949
- Mocheshnikov, N.I. *see* Mazmanishvili, A.S. 1-989
- Mochinaga, J. *see* Furukawa, K. 1-28592
- Mochizuki, K. Effects of TMI on reactor licensing in Japan 1-45707
- Mochizuki, K. Electrical conductivity of N-type CdTe at low temperatures 1-52564
- Mochizuki, K. Effect of the deviation from stoichiometry of a source specimen on the vapor transport of CdTe 1-53067
- Mochizuki, K., Igaki, K. Near band-edge photoluminescence of cadmium sulfo-selenide single crystals 1-43159
- Mochizuki, K., Namihira, Y., Wakabayashi, H. Polarisation mode dispersion measurements in long single mode fibres 1-41844
- Mochizuki, M. *see* Kasuga, M. 1-20583
- Mochizuki, S. *see* Nishikawa, S. 1-23165
- Mochizuki, T., Yabe, T., Mima, K., Yamanaka, C. Ablation nonuniformity on laser irradiated pellet and collisional hot electron filamentation 1-10522
- Mochizuki, T. *see* Akahane, T. 1-31481
- Mochizuki, T. *see* Sakabe, S. 1-11598
- Mochizuki, T. *see* Shiraga, H. 1-15630
- Mochizuki, Y., Kaya, K., Ito, M. SVL fluorescence and Duschinsky effect in the S₁ state of pyridine 1-23233
- Mochmaci, B. *see* Jura, S. 1-16765
- Mochniak, J. *see* Malinowski, J. 1-21263
- Mochon Munoz, J. *see* Gutierrez Monreal, J. 1-8633, 1-17336, 1-48770
- Mocker, H.W. Miniaturized CO₂ waveguide laser 1-41735
- Mocker, M. *see* Vojta, G. 1-42133
- Mockler, R.C. *see* Handschy, M.A. 1-20358
- Mokus, E.B. *see* Ganco, G.N. 1-20823
- Moczek, J. Velocity of the motion of the terrestrial pole 1-44082
- Modan, B. Evaluation of risks in medical radiation exposure - the thyroid story 1-53892
- Modarres, N., Rasmussen, C., Wolf, L. Monte-Carlo simulation by the PL-MODMC code 1-50835
- Moddel, G., Anderson, D.A., Paul, W. Derivation of the low-energy optical-absorption spectra of a-Si:H from photoconductivity 1-3018
- Moddel, G. *see* Viktorovitch, P. 1-7704
- Moddemann, W.E. *see* Wittberg, T.N. 1-43573
- Mode, W.N. *see* Andrews, J.T. 1-36052
- Modeev, Yu.I. *see* Danilov, V.I. 1-18298
- Model, M.S. *see* Reznichenko, V.A. 1-11863
- Modelli, A. *see* Burrow, P.D. 1-37180
- Modelli, A. *see* Conti, M. 1-35647
- Modelli, A. *see* Distefano, G. 1-19132
- Modena, I. *see* Barbanera, S. 1-53851
- Modesti, S., Frova, A., Capizzi, M., Quagliano, L.G., Staehli, J.-L., Guzzi, M. e-h plasma luminescence in GaAs_{1-x}P_x above direct-indirect crossover 1-47696
- Modi Ndyai Papa *see* Papa Modi Ndyai
- Modica, G. *see* Giuffrè, L. 1-39849
- Modinos, A., Oxinos, G. Field emission from tungsten (110) 1-53058
- Modis, T. Multiwire proportional chambers with good performance and stability at high intensities 1-14737
- Modisette, J.J., Kondo, Y. Transient mass transfer caused by local surface heating in close binaries 1-9567
- Modler, G., Beske, H.E. Investigations of secondary ion formation on oxygen covered surfaces of binary alloys 1-8185
- Modrak, P., Bergersen, B., Liu, K.L. Density of states of a disordered Hubbard model using the modified moments method 1-30665
- Moe, M.K., Lowenthal, D.D. Double beta decay of ⁸²Se 1-14499
- Moebes, J. *see* Evangelista, C. 1-45354
- Moek, E.O., Stirling, A.J., Yan, G. R & D in control, instrumentation, and electronic systems at CRNL 1-45714
- Moehlecke, S. *see* Lambert, S.E. 1-34837
- Moeller, C.E., Brumleve, T.D., Grosskreutz, C., Seamons, L.O. Central Receiver Test Facility Albuquerque, New Mexico 1-13085
- Moeller, C.E. *see* Ouimette, B.N. 1-33876
- Moeller, D.W. Administrative and research needs associated with the control of occupational exposures in commercial nuclear power plants 1-28736
- Moeller, R.P. *see* Burns, W.K. 1-6647
- Moeller, R.P. *see* Villarruel, C.A. 1-51617
- Moerdijk *see* Mertens, A. 1-3977
- Moerdijk, A. *see* Sonneveld, A. 1-53815
- Moersch, G. *see* Forchell, A. 1-47495
- Moersch, G. *see* Schmid, W. 1-48145
- Moerschell, R.P. *see* Nelson, P.R. 1-28661
- Moerschke, B. *see* Chwaleba, A. 1-32548
- Moet, A., Baer, E. Mechanistic aspects of pressure-induced environmental stress crazing and cracking of polystyrene 1-43565
- Moet, A., Palley, I., Baer, E. Development of hard-elastic solids from glassy polymers 1-12716
- Moerzi, H. *see* Ross, G. 1-10913
- Moffat, A.F.J. *see* Firmani, C. 1-9502
- Moffat, A.F.J. *see* Fitzgerald, M.P. 1-27570
- Moffat, D.G. *see* Dawson, R. 1-12776
- Moffat, J.B. The effect of α -cyano substituents on carbonium ions 1-28849
- Moffat, J.W. Experimental tests of a new theory of gravitation 1-54363
- Moffat, J.W., Taylor, J.G. Prevention of gravitational collapse 1-54367
- Moffatt, J.W. *see* Mann, R.B. 1-18132, 1-22676
- Moffatt, P.H. *see* Llewellyn-Jones, D.T. 1-9995
- Moffatt, R.J. *see* Crawford, M.E. 1-33873, 1-33874
- Moffatt, R.J. *see* Yavuzkurt, S. 1-20518, 1-20519
- Moffatt, A.F.J., Isserstedt, J. The variable, single-line Wolf-Rayet star HD 96548 with a low-mass companion 1-27508
- Moffatt, G. *see* Efremenko, V.I. 1-33173
- Moffatt, G.I. *see* Ammosov, V.V. 1-40980
- Moffatt, S., Smith, A.L.S. Optogalvanic laser stabilisation 1-29298
- Moffatt, S. *see* Smith, A.L.S. 1-37458
- Moffatt, W.C. *see* Argon, A.S. 1-38367
- Moffett, D.R. *see* Lockyer, N. 1-18503
- Moffett, M.B., Mellen, R.H. Nearfield characteristics of parametric acoustic sources 1-46612
- Moffett, R.J. *see* Bailey, G.J. 1-54318
- Moffette, T.R. *see* Allen, D.T. 1-41220
- Moffitt, W.C., Izatt, R.D. Operations preparations for FFTF startup 1-18806
- Mofield, H.O. Effects of vertical viscosity on Kelvin waves 1-32456
- Mogab, C.J. *see* Bagley, B.G. 1-48178
- Mogensen, O.E. *see* Levay, B. 1-31889
- Mogileva, V.G. *see* Alferova, Z.A. 1-32745
- Mogil'mitskii, S.B. Propagation of optical radiation in bounded dissipating media 1-1500
- Mogil'nyi, V.V. *see* Zyat'kov, I.P. 1-41527
- Mognaschi, E.R., Parravicini, G.B., Savini, A. A novel apparatus for measuring permittivity in solid dielectrics 1-28025
- Mogorovich, P. *see* Bettarini, R.D. 1-4667
- Mogro-Campero, A., Walter, J.L. Effect of remnant crystallinity on resistivity of amorphous alloys 1-30701
- Mogro-Campero, A. *see* Fleischer, R.L. 1-44005
- Mogutnov, B.M. *see* Emel'yanenko, L.P. 1-8310
- Mohabir, S., Nagi, A.D.S. Generalized McMillan tunneling model of the superconducting proximity effect. Specific heat jump 1-34831
- Mohamad, S.Z., Kapicka, V., Petrakiev, A. On the use of different F.P. interferometers for plasma diagnostics 1-15651
- Mohamad, S.Z. *see* Dunchev, L. 1-10012
- Mohamed, J. The method of Raptis and Allison with automatic error control (atomic electron scattering) 1-10839
- Mohamed, M.M. The recent bottom sediments of the Gulf of Suez, Red Sea 1-13448
- Mohamed, N., Brown, R.M., Jr., Fry, R.C. Slurry atomization DC plasma emission spectrometry and laser diffraction studies of aerosol production and transport 1-50216
- Mohammad, M.R., Sherman, W.F. Infrared and Raman spectra of ReO₄⁻ isolated in alkali halides 1-39126
- Mohammad, S.N. High accuracy wave functions and eigenenergies for the vibration-rotation states of diatomic molecules by factorization method 1-24104
- Mohammadi, F. *see* Saraswat, K.C. 1-7703
- Mohammadi, M.A. *see* Henry, B.R. 1-51195
- Mohammadi, M.A. *see* Ali Mohammadi, M.
- Mohammed, A.E. *see* Bishay, S.T. 1-36102
- Mohammed, G. *see* Steckl, A.J. 1-2850
- Mohammed, H.H. *see* Fournier, J. 1-28989
- Mohan, A., Soni, N.C., Moorthy, V.K. Transition in stages of sintering 1-21378
- Mohan, A., Soni, N.C., Moorthy, V.K. Review of earlier work on mechanisms with sintering diagrams 1-53127
- Mohan, B. *see* Parasnis, S.S. 1-27221
- Mohan, B. *see* Vernekar, K.G. 1-54181
- Mohan, C., Al-Bayaty, A.R. Power-series solutions of the Lane-Emden equation 1-22782
- Mohan, K. *see* Lachowski, E.E. 1-3706
- Mohan, M., Buti, B. Electron-acoustic solitons in current-carrying magnetized plasmas 1-2188
- Mohan, M., Vidhani, T. Exchange corrected eikonal-Born approximation for elastic scattering of electrons by helium 1-19186
- Mohan, N.L. *see* Seshagiri Rao, S.V. 1-49407
- Mohan, R., Ahmed, F., Kothari, L.S., Garg, S. The existence of equilibrium spectra in fast natural uranium assemblies. The effect of anisotropy in scattering 1-41158
- Mohan, R., Caley, R.J. Applications of computers in radiation therapy measurements 1-22127
- Mohan, R. *see* Ferber, P.W. 1-22129
- Mohan, R. *see* Shanmugasundaram, V. 1-33576
- Mohan, S. A force field study of diacetylene molecule by kinetic constant method 1-1408
- Mohan, S., Ravi Kumar, K.G. Molecular dynamics of some octahedral hexahaloanions 1-19072
- Mohan Rao, P. *see* Joshi, M.S. 1-11961, 1-20311, 1-42386
- Mohana Rao, N.J., Viswanadham, Y., Nunes, G.S.S. Moisture relationships for the Southern Hemisphere 1-22450
- Mohanakrishnan, P. *see* Gupta, N.K. 1-28517

- Mohanam Pillai, K., Ittyachan, M.A., Vaidyan, V.K. A new technique for the growth of lead crystals in gels 1-12007
- Mohanam Pillai, K. see Franke, W. 1-35158
- Mohanty, A.K., Asthana, S.B.L. Compressible laminar flow in the inlet region of a smooth circular pipe 1-11463
- Mohanty, B.K., Gupta, P.S. On the quantum theory of stimulated Raman scattering. II. Effect of detuning and upper-level population 1-51543
- Mohanty, J.N. see Misra, P. 1-34114
- Mohanty, S. see Prasad, B.S.N. 1-13638
- Mohanty, S.P. see Choudhury, S.K. 1-7852
- Mohanty, S.R. see Bhatta, D. 1-25324
- Mohanty, U. see Berkan, E. 1-36581
- Mohapatra, N.C. see Prasad Rao, K.K. 1-20689
- Mohapatra, N.C. see Rao, K.K.P. 1-45831
- Mohapatra, R.N. Cosmological constant, grand unification and symmetry behavior in the early universe 1-27641
- Mohapatra, R.N., Pati, J.C. Quark decays in the early Universe and matter-antimatter asymmetry 1-44682
- Mohapatra, R.N., Senjanovic, G. Neutrino masses and mixings in gauge models with spontaneous parity violation 1-45182
- Mohapatra, R.N. see Chikashige, Y. 1-23453, 1-28261
- Mohapatra, R.N. see Marshak, R.E. 1-45196
- Mohar, B. see Gutman, I. 1-41294
- Moharam, M.G., Gaylord, T.K. Coupled-wave analysis of reflection gratings 1-37598
- Moharam, M.G. see Gallagher, H.J. 1-41620
- Moharam, M.A., Sowell, M.A. Infrared study of minerals and compounds in atmospheric dustfall in Cairo 1-13505
- Mohealden, M.S.A. see Doss, S.H. 1-37212
- Mohler, A.S. Earthquake/Earth tide correlation and other features of the Sanandale, California, earthquake sequence of June-July 1976 1-49218
- Mohlmann, G.R. see de Heer, F.J. 1-19197
- Moholkar, S.V., Warke, C.S., Gunye, M.R. Microscopic band-mixing calculations in ^{154}Gd 1-28372
- Mohos, B. see Daul, C. 1-52826
- Mohr, C.L. see Williford, R.E. 1-45680
- Mohr, D. see Singer, R.M. 1-23730
- Mohr, F., Zwick, U. Measurement of the properties of monomode fibres 1-24504
- Mohr, G.A. A contact stiffness matrix for finite element problems involving external elastic restraint 1-37854
- Mohr, P.J. see Lakdawala, S.D. 1-1416
- Mohr, R. see Lagakos, N. 1-37611
- Mohr, R.K., El-Bayoumi, O.H., Ingel, R.P. Static fatigue in glass optical fibres having surface compression 1-51614
- Mohr, R.K., El-Bayoumi, O.H., Lagakos, N., Hooji, H., Dong Sung Ma Compressive strengthening of optical fibres by a porous glass process 1-51613
- Mohr, W. see Altkofer, O.C. 1-45773
- Mohr, W. see Aubert, J.J. 1-5630
- Mohraz, M. see Maier, J.P. 1-19134
- Mohri, A. Spinning plasma ring stable to tilting mode 1-19889
- Mohri, A. Spinning plasma ring stable to tilting mode 1-24973
- Mohri, M., Kato, S., Shinada, S., Watanabe, K., Yamashina, T. Analysis of secondary ion species scattered from SiC surface during He^+ and D^+ ion irradiation 1-26340
- Mohri, M., Shinada, T., Yabunoto, M., Yamashina, T. Trapping and re-emission study of energetic ions in various low-Z materials for the first wall nuclear fusion vessels 1-28698
- Mohsen, A. Contribution to the uniform geometrical theory of diffraction by a perfectly conducting wedge 1-6435
- Mohsen, E.A. see Oldham, D.J. 1-29464
- Mohsni, S.EI see El Mohsni, S.
- Mohyla, I. see Marek, J. 1-53574
- Moiha, F. see Diehl, P. 1-41404
- Moiens, P., Apostolakis, G., Cummings, G.E. On design errors in nuclear power plants 1-5925
- Moiilanen, M. see Karjalainen, L.P. 1-39382
- Moin, E. see Murr, L.E. 1-21591
- Moin, P. see Kim, J. 1-6850
- Moine, B., Bourcier, C., Boulon, G., Reisfeld, R., Kalisky, Y. Interaction mechanisms in the $\text{Bi}^{3+}\text{-Eu}^{3+}$ energy transfer in germanate glass at low temperature 1-52982
- Moine, B. see Boulon, G. 1-3483
- Moinester, M.A. see Preadom, B.M. 1-45540
- Moir, D.C. see Schardt, M.A. 1-45293
- Moiss, M.I. see Kiyak, S.G. 1-31338
- Moisan, M. see Glaude, V.M.M. 1-34083
- Moiseenko, V.E. High-frequency breakdown of a neutral gas by ions 1-24920
- Moiseev, A. see Arestov, Yu. 1-5668
- Moiseev, A.I. see Grigor'ev, S.B. 1-42477
- Moiseev, A.N. see Devyat'kh, G.G. 1-16274
- Moiseev, B.G., Skryabin, N.G., Sokolov, V.D., Strod, S.N., Krymskii, P.F. Dynamics of precipitating electrons based on observations at various longitudes 1-54304
- Moiseev, B.M., Okulevich, P.O., Rakov, I.T. Double electron-nuclear resonance of E⁻centers in quartz 1-31062
- Moiseev, D.P. see Marchenko, L.S. 1-20897
- Moiseev, G.K., Batolin, N.A., Trusov, B.G., Sinyarev, G.B. Simulation of the equilibrium interaction of Nb_2O_5 and aluminum with allowance for the formation of condensed solutions 1-31445
- Moiseev, G.K. see Vatolin, N.A. 1-17041, 1-21710
- Moiseev, I.G. see Baath, L.B. 1-54655
- Moiseev, I.G. see Domin, S.L. 1-17809
- Moiseev, I.G. see Efanov, V.A. 1-27627
- Moiseev, I.G. see Matvenko, L.I. 1-17893
- Moiseev, I.I. see Shostakovskii, M.F. 1-21726
- Moiseev, M.B. see Nikitin, M.M. 1-10896, 1-51355
- Moiseev, S.S., Petviashvili, V.I., Toor, A.V., Yanovsky, V.V. The influence of compressibility on the selfsimilar spectrum of subsonic turbulence 1-51749
- Moiseev, S.S., Toor, A.V., Yanovsky, V.V. The decay of turbulence in the Burgers model 1-51747
- Moiseev, S.S., Tur, A.V., Yanovskii, V.V. Influence of compressibility on the vortex-turbulence spectrum 1-19736
- Moiseev, S.S. see Babenko, V.A. 1-43233
- Moiseev, S.S. see Erokhin, N.S. 1-34086
- Moiseev, V.N., Dolzhanski, Yu.M., Zakharov, Yu.I., Znamenskaya, E.V. Structure and properties of titanium alloys of the Ti-Al-Mo-V-Fe-Cu-Zr-Sn systems 1-16791
- Moiseev, V.V. Ion exchange and constitution of glass 1-31907
- Moiseev, V.V. see Portnyagin, V.I. 1-43091
- Moiseeva, N.A. see Barta, C. 1-25377
- Moiseeva, N.K. see Bulakh, B.M. 1-43254
- Moiseeva, N.N., Shchukin, V.A., Yablouk, L.M. Basic positions of the new industry standard on ultrasonic inspection of weld joints and surfacing 1-39573
- Moiseiwitsch, B.L., Stockman, S.G. Non-orthogonality of atomic wavefunctions in electron capture at relativistic energies 1-6377
- Moiseyev, M.A. see Yergakov, V.S. 1-10950
- Moiseyev, N. Studies of multi-channel resonances by the complex scaling method 1-41443
- Moish, Yu.V. see Alekseeva, O.K. 1-16882
- Moish, Yu.V. see Belen'kii, A.Ya. 1-26516
- Moish, Yu.V. see Tokmakov, V.S. 1-15558
- Moison, J.M. see Bensoussan, M. 1-39218
- Moiseev, A. see Gensch, U. 1-595
- Moiseev, A.M. see Arestov, Yu.I. 1-36892
- Moistrapishvili, K.M. see Bakradze, N.G. 1-35743
- Moisy-Maurice, V., De Novion, C.H., Convert, P. Study of neutron diffraction of mean atomic displacements of ThC and $\text{ThC}_{0.77}$ at 4 and 250K 1-7279
- Moitie-Neyt, N. De see De Moitie-Neyt, N.
- Moitra, R.K. see Maiti, P.B. 1-12010
- Moizhes, B.Ya., Nemchinskii, V.A. Erosion and cathode jets in a vacuum arc 1-25097
- Mojejko, K. see Jalochofski, M. 1-7194
- Mojola, O.O. On secondary flow in streamwise corners 1-11383
- Mojola, O.O. A unified velocity correlation for corner wall regions 1-24771
- Mojtabi, A., Caltagirone, J.-P. Analysis of heat transfer in mixed laminar convection between two coaxial horizontal cylinders 1-1966
- Mojzes, I. Electrical modelling of ohmic contacts formation on metal-n-GaAs systems 1-34792
- Mojzes, I. see Radacsi, E. 1-21608
- Mok, C.L. see Beunen, J.A. 1-50242
- Mok, C.L. see Parker, T.J. 1-31156
- Mokashi, A. see Lahiri, S. 1-13261
- Mokashi, A.D. see Govinda Raju, G.R. 1-11612
- Mokeyev, V.I. see Ishkhanyan, B.S. 1-5703
- Mokeyeva, G.A. see Lun'kin, S.P. 1-43162
- Mokerov, V.G., Begishev, A.R. Temperature dependences of the optical properties and electronic structure of vanadium dioxide 1-12527
- Mokerov, V.G., Ryabinin, I.V. Optical properties of V_2O_5 in the photon energy range 0.08-2.7 eV 1-3522
- Mokerov, V.G., Ryabinin, I.V., Galiev, G.B. Optical properties of V_2O_5 in the fundamental absorption region 1-21286
- Mokerov, V.G. see Burgov, V.Ya. 1-51579
- Mokhir, L.M. see Bazakutsa, V.A. 1-11925
- Mokhnachev, V.G. see Konopelchenko, B.G. 1-447
- Mokhov, E.N. see Ramm, M.G. 1-38683
- Mokhov, N.V. see Maslov, M.A. 1-51018
- Mokhracheva, L.P., Geld, P.V., Tskhai, V.A. Distribution of the density of electron states in TiC-VC and TiC-TiN solid solutions 1-52464
- Mokler, P.H., Lennard, W.N., Mitchell, I.V. Linear polarisation measurements of quasi-molecular K radiation 1-24215
- Mokler, P.H. see Hagmann, S. 1-19047
- Mokler, P.H. see Stoller, C. 1-6354
- Mokrova, A.M. see Shevchuk, P.R. 1-3988
- Mokrushin, A.D., Prokop'ev, E.P., Minaev, V.S., Kisekka, B., Kupriyanova, R.M. Positron annihilation in chalcogenide semiconductor materials 1-31227
- Mokrushin, A.D., Prokop'ev, E.P., Razumovskaya, I.V., Grigorovich, S.M. Annihilation of positrons in crystals with the garnet structure 1-21291
- Mokryi, N.I. see Chernetskii, V.K. 1-21670
- Mokwa, W., Kohl, D., Heiland, G. Binding states of zinc on the polar faces of ZnO 1-7470
- Mol, C. De see De Mol, C.
- Mol, Ch. De see De Mol, Ch.
- Molcanov, S.A. The local structure of the spectrum of the one-dimensional Schrodinger operator 1-32862
- Molchanov, A.V. Bridge circuit for determining and recording the growth of fatigue cracks 1-26693
- Molchanov, V.A. see Balashova, L.L. 1-31252
- Molchanov, V.S. Effect of agitation of the destructive solution on the measurement of the alkali resistance of silicate glasses 1-43561
- Molchanov, Yu.M., Kamenskii, M.G., Korkhov, V.P. Structure of the breakdown surface of epoxy polymers 1-15818
- Molchanova, G.I., Roslyakova, N.G., Kol'tsov, S.I. Reaction of ferrogel with barium chloride solutions 1-35515
- Molchanova, L.V., Nagorskaya, N.D., Yatsenko, K.P., Mezheny, V.M., Kolesnikova, V.I. Structure and mechanical properties of beryllium-chromium alloys 1-16758
- Molchatskii, L.S. Calculation of p-n and $\Delta^{++}-\Delta^{-}$ mass differences 1-50430
- Moldovan, M. see Ursu, I. 1-19921
- Moldoveanu, N., Caloenescu, C. The application of analytical signal in processing and interpretation of seismic data 1-44340
- Moldoveanu, S. see Grigoras, S. 1-1113
- Molebnyi, V.V. see Zhmudskii, A.Z. 1-1632
- Moleman, A.C. see Van Otmen, A.H. 1-25258
- Molenaar, J., Coleridge, P.T., Lodder, A. Bloch electron scattering in relaxed lattices: a test on dilute alkali alloys 1-42768
- Molenaar, J.V. see Warburton, J.A. 1-22372
- Molénat, J. see Abachi, H. 1-20439
- Molenda, J., Mrowec, S., Stoklosa, A. Semiconducting properties of ferrous sulphide at high temperatures 1-7620
- Moler, A.I. see Khokhlova, N.M. 1-4349
- Molesini, G. see Arecchi, F.T. 1-5369
- Molesini, G. see Quericioli, F. 1-23293
- Molev, G.V. see Bessonova, T.S. 1-3463
- Molgedey, G. see Grimmer, A.-R. 1-34959
- Molho, P. see Gignoux, D. 1-12289, 1-25884
- Molixie, F. see Lebrun, J.L. 1-21478
- Molin, A.I. see Koval, Yu.N. 1-16911
- Molin, Y.N. see Anisimov, O.A. 1-31888
- Molin, Yu.N. see Anisimov, O.A. 1-29150
- Molin, Yu.N. see Leshina, T.V. 1-12971
- Molin, Yu.N. see Sagdeev, R.Z. 1-29002
- Molin, Yu.N. see Sorokin, N.I. 1-43681
- Molina, A. see Battaner, E. 1-40239
- Molina, J.L. see Mikhailov, I.N. 1-5720
- Molina, J.-P., Piau, M., Wack, B. Scattering of ultrasonic waves in cracked rocks 1-24553
- Molina, L.H. see Ignatyuk, A.V. 1-10291
- Molinar, G., Bean, V.E. Mercury melting line determination up to 1200 MPa by the electrical resistance method 1-34461
- Molinar, G.F., Bean, V., Houck, J., Welch, B. The mercury melting line up to 1200 MPa 1-50095
- Molinar, A. see Brun, L. 1-19628
- Molinar, A. see Fresengues, C. 1-37803
- Molinar, E. see Capitelli, M. 1-34041
- Molinar, R.L. see Duing, W. 1-27208
- Molinar, V.G. see Boffi, V.C. 1-202
- Moline, A. see Amols, H.I. 1-49063
- Moliner, J.F. see Mateos, F. 1-51580
- Molineux, I. see McPherson, A. 1-8808
- Moliton, A., Decossas, F., Moliton, J.-P. Spectrometer for automatic dielectric measurements in the temperature domain 77K to 380K and in the continuous frequency interval 500 Hz to 1 MHz 1-301
- Moliton, J.-P. see Moliton, A. 1-301
- Molitoris, J. see Schier, W. 1-12517
- Molitoris, J.D. see Beckerman, M. 1-10401
- Moll, A.N., Zhurkin, V.A., Grigor'eva, L.I., Antonova, I.V. Pchuk-MT2 diagnostic esophagoscope 1-4353
- Moll, E. see Lardon, M. 1-7495
- Moll, R., Schade, E. Dielectric recovery of axially blown SF_6 arcs [circuit breaker] 1-11619
- Molla, J. Perez see Perez Molla, J.
- Mollah, M., Pillai, P.K.C. Michler's ketone binder layers—as applied to classical and PIP electro-photography 1-18324
- Mollah, M., Pillai, P.K.C., Pillai, C.K. Electrophotographic characteristics of HgS-CdS -polystyrene binder layers 1-18323
- Mollah, M. see Pillai, P.K.C. 1-7997
- Mollenauer, L.F., Stolen, R.H., Gordon, J.P. Experimental observation of picosecond pulse narrowing and solitons in optical fibers 1-1622
- Mollenhoff, G. Spectroscopic observations of H II regions in NGC 5128. I. Radial velocities 1-36376

- Mollenhoff, C., Schaifers, K. Spectroscopic observations of VV Cep. II. The egress phase of the 1976/78 eclipse 1-54550
- Mollenkopf, H.C. see Rohatgi, A. 1-13130
- Mollenstedt, G., Lauser, H. High voltage stability of steel electrodes in an ultra-high vacuum at extremely small electrode separations 1-5332
- Moller, D. Kinetic model of atmospheric SO₂ oxidation based on published data 1-22379
- Moller, G. see Hoffmann, W. 1-6056, 1-6091
- Moller, H., Otto, A. Plasmon dispersion in aluminum-magnesium alloys 1-30655
- Moller, K., Schmidt, R., Sporkmann, B. Theoretical and experimental investigation of the stochastic behavior of an SF₆ blast-switching arc 1-34154
- Moller, P. Negative middle ear pressure and hearing thresholds in secretory otitis media 1-26913
- Moller, P. Macroscopic-microscopic calculation of fission barriers and masses for heavy elements with a Yukawa-plus-exponential model for the macroscopic energy 1-50685
- Moller, P. see Aberg, S. 1-50489
- Moller, P. see Baran, A. 1-50679
- Moller, P. see Schutte, G. 1-18704
- Moller, P. see Werner, E. 1-50493
- Moller, P.A. see Nassiopoulos, A.G. 1-374, 1-375
- Moller, R., Tschoke, H. Steady-state, local temperature fields with turbulent liquid sodium flow in nominal and disturbed bundle geometries with spacer grids 1-23761
- Moller, R. see Cockerill, D. 1-14742
- Moller, W., Besenbacher, F., Laursen, T. The correlation between ion retention and surface deformation in deuterium-implanted metals 1-25306
- Moller, W. see Besenbacher, F. 1-25305
- Moller, W. see Muskalla, K. 1-44885
- Moller Sorensen, B. Important considerations regarding remote sensing of marine water quality 1-26869
- Moller-Pedersen, B. see Boisshot, A. 1-44434
- Moller-Pedersen, B. see Lecacheux, A. 1-40380
- Mollerfeld, H. see Jung, J. 1-5884
- Mollerup, J. see Vibholm, S. 1-11511
- Mollier, J.-C. see Valentin, M. 1-27936
- Mollison, G.S.M. see Glidewell, C. 1-51128
- Mollot, F., Cernogora, J., Benoit, L. La Guillaume, C. Spectral analysis of the fatigue of the photoluminescence and of the creation of paramagnetic centres in amorphous Ge₃Se_{1-x} 1-21266
- Molnar, F. A contribution to study of sign inversion of lead effective charge in the Bi-Pb-Cd system. II. Experimental proof of sign inversion of lead effective charge in the Bi-Pb-Cd system 1-48327
- Molnar, F., Lavrin, A. A construction to study of sign inversion of lead effective charge in the Bi-Pb-Cd system. I. Calculation of lead effective charge sign inversion in the Bi-Pb-Cd system 1-12720
- Molnar, J., Paal, A. Microprocessor evaluating system of a magnetic mass spectrometer for the determination of the geological K-Ar age 1-36075
- Molnar, L. see Rozsa, S. 1-27959
- Molnar, L. see Tabor, P. 1-23181
- Molnar, P., Taponnier, P. A possible dependence of tectonic strength on the age of the crust in Asia 1-40109
- Molnar, P. see Suarez, G. 1-22212
- Molnar, S. Von see Von Molnar, S.
- Molocher, V.I. see Kalashnikov, S.P. 1-51422
- Molodets, A.M., Dremin, A.N. Two stages in the process of splitting fracture 1-2563
- Molodkin, A.K. see Bondar', V.I. 1-20179
- Molodkina, T.A. see Movchan, B.A. 1-3719
- Molodnyakov, S.P., Fedorov, Yu.I., Kuznetsov, V.A., Egorochin, A.N., Voskoboinik, G.A., Soboleva, E.B. Effect of substituents on the photochemical reactions of derivatives of o-naphthodiazoinone compounds 1-43685
- Molodyk, A.D. see Glazov, V.M. 1-17040, 1-21757
- Molotilov, B.V. see Dorofeeva, E.A. 1-7879
- Molotilov, B.V. see Glezer, A.M. 1-8344, 1-8367, 1-8406, 1-21492, 1-38319
- Molotilov, B.V. see Makarov, V.P. 1-7924
- Molotilov, B.V. see Sidikhin, A.F. 1-7872
- Molotilov, B.V. see Vlasova, E.N. 1-2330
- Molotkov, V.V., Todorov, I.T. Gauge dependence of world lines and invariance of the S-matrix in relativistic classical mechanics 1-49938
- Molotkov, A.P. see Achrijev, A.S. 1-39350
- Molotov, E.P. see Kerzhanovich, V.V. 1-9397
- Molotskii, M.I. Dissociation mechanism for the Misra effect 1-30241
- Molski, K. see Glinka, G. 1-21574
- Moltchanov, I.N., Stepanez, N.I. Some principles for the construction of a set of programs to solve the fundamental equations in the theory of elasticity when applied to displacements 1-71783
- Moltz, D.M. see Aysto, J. 1-45414
- Moltz, D.M. see Toth, K.S. 1-50561
- Molva, E., Magnea, N. Acceptor pair-bound exciton complexes in semiconductors 1-31189
- Molva, E. see Magnea, N. 1-12576
- Molyavin, V.V. Dependence between the coefficient of diffusion and the concentration of nonazeotropic binary mixtures 1-16074
- Molz, F.J. see Chin Fu Tsang 1-53689
- Molzen, W., Jr. see Krakow, W. 1-36770
- Molzon, W. see Botner, O. 1-37065
- Molzon, W. see Cockerill, D. 1-14742
- Molzon, W. see Diakonou, M. 1-10256
- Moment, R.L., Trenka, A.R. Interim status report on DOE prototype development SWECs 1-53540
- Momicchioli, F. see Baraldi, I. 1-21742
- Momigny, J. Electronic, rotational and vibrational predissociations in the decay of electronically excited molecular ions 1-19149
- Momini, G.A. see Khemani, L.T. 1-21954
- Momiuchi, M. see Otake, S. 1-25866
- Mommisen, H., Perlman, I., Yellin, J. ⁴⁷Sc half-life 1-23608
- Momo, F., Ranieri, G.A., Sotgiu, A. Cavity stabilised Gunn oscillator as RF source for ESR spectroscopy 1-33029
- Momo, F., Sotgiu, A. Cavity stabilised Impatt oscillator for ESR spectroscopy 1-36714
- Momoi, T. see Yamashita, T. 1-31249
- Momota, H., Tomita, Y., Nomura, Y. An optimization of fusion plasma parameters 1-6000
- Momota, H. see Abe, H. 1-29866
- Momota, H. see Murakami, A. 1-11519
- Momota, H. see Sato, K. 1-38085
- Momyer, W.R., Littauer, E.L. Development of a lithium-water-air primary battery 1-53596
- Mon, J.-P., Weill, A. Effect of tropospheric disturbances on a 4.1 and 6.2 GHz line-of-sight path 1-54164
- Mon, K.K., Saam, W.F. Two-layer XY model for ⁴He films 1-11951
- Monacelli, P. see Diddens, A.N. 1-14747, 1-23998
- Monacelli, P. see Esposito, B. 1-36868
- Monacelli, P. see Jonker, M. 1-10194, 1-14432, 1-45258
- Monaco, L.L. see Catara, F. 1-41139
- Monaco, R., Orsi, A.P. Molecular gas-flow over convex bodies: a physico-mathematical model for heat transfer calculation 1-29667
- Monaco, R., Rizzi, G. On the physical mathematical theory of the trapping probability as a function of the energy and angle of incidence 1-11976
- Monaco, R. see Bellomo, N. 1-201
- Monaco, S.F. The use of Chebyshev polynomials in the computation of inhomogeneous thin dielectric films with exponentially varying index 1-21287
- Monaco, S.F. see Panatta, A. 1-33623
- Monaghan, S. see Close, F.E. 1-50403
- Monahan, J. see Schlesinger, R.B. 1-22170
- Monahan, J.E. see Elwyn, A.J. 1-5788
- Monahan, K.M. see Sheppard, J.C. 1-41269
- Monakhov, A.A. see Bogdanova, Kh.G. 1-21025
- Monan, M., Bribes, J.-L., Gaudres, R. Determination of the optical polarizabilities of the hydrogen sulphide molecule in the gaseous state by Raman spectroscopy 1-24151
- Monari, D. see Bovolini, G. 1-762
- Monarkha, Yu.P. Effect of magnetic field on stability of the charged surface of a liquid insulator 1-20842
- Monarkha, Yu.P., Shikin, V.B. Cyclotron resonance for electrons in surface states on liquid helium 1-7418
- Monarkha, Yu.P., Sokolov, S.S. Surface phenomena in microstratified ³He-⁴He solutions 1-42603
- Monaro, S. see Lecomte, R. 1-5687, 1-18566
- Monasevich, L.A., Egorushkin, V.E., Paskal', Yu.I., Fadin, V.P. Rhombohedral structural modification of titanium nikelide 1-26449
- Monasevich, L.A., Paskal', Yu.I., Prib, V.E., Timonin, G.D., Chernov, D.B. Effect of texture on the shape memory effect in titanium nikelide 1-3850
- Monastyrnyi, E.A., Patrushev, G.Ya., Petrov, A.I., Pokasov, V.V. Averaging effect of a receiving aperture in the case of reflection in a turbulent atmosphere 1-33622
- Monastyrskii, M.A. see Smirnov, N.A. 1-24346
- Monastyrskii, S.M., Polunov, Yu.L. Methodological error in the acoustic method of measuring volumes 1-5278
- Monce, M.N. see Shah, A.V. 1-33537
- Monce, M.N. see Wood, R.M. 1-12981
- Monceau, P. see Roucau, C. 1-38360
- Monch, W., Enninghorst, R. Charge transfer to oxygen chemisorbed on cleaved GaAs (110) surfaces 1-16174
- Monch, W., Enninghorst, R., Clemens, H.J. An experimental study on the temperature dependence of electron affinity and ionization energy at semiconductor surfaces 1-38838
- Monch, W., Gant, H. Combined LEED, AES, and work function studies during the formation of Ge:GaAs(110) heterostructures 1-16345
- Monch, W. see Assmann, J. 1-7668
- Monch, W. see Koke, P. 1-38632
- Monch, W. see Krueger, S. 1-7711
- Monchick, L. A comment on the inversion of gas transport properties 1-6914
- Monchick, L., Schaefer, J. Theoretical studies of H₂-H₂ collisions. II. Scattering and transport cross sections of hydrogen at low energies: tests of a new ab initio vibrator potential 1-29088
- Monchoux, F. see Clement, N. 1-30233
- Moncrief, V. The branching of solutions of Einstein's equation 1-23075
- Moncrief, V. Infinite-dimensional family of vacuum cosmological models with Taub-NUT (Newman-Unti-Tamburino)-type extensions 1-49870
- Moncrief, V. see Arms, J.M. 1-40921
- Moncrieff, M.W. see Thorpe, A.J. 1-22458
- Moncton, D.E., McWhan, D.B., Schmidt, P.H., Shirane, G., Thomlinson, W., Mapei, M.B., MacKay, H.B., Woolf, L.D., Fisk, Z., Johnston, D.C. Oscillatory magnetic fluctuations near the superconductor-to-ferromagnet transition in ErRh₂B₄ 1-30883
- Moncton, D.E. see Birgeneau, R.J. 1-38648
- Mond, M. see Cuperman, S. 1-51912
- Mond, M. see Knorr, G. 1-19752
- Monda, M. see Yokoyama, K. 1-33101
- Mondal, A. see Pramanik, P. 1-12674
- Mondal, D.R. see Banerji, S. 1-36326
- Mondal, P.K., Venkat Reddy, T. A note on the Fourier analytical illustration of Abbe's theory with reference to Foucault knife-edge test 1-41606
- Mondal, P.K. see Ronchi, V. 1-18291
- Monday, R.L. see Childs, R.L. 1-10487
- Mondello, M., Onofri, E. Planar limit of the singlet spectrum for SU(N)-invariant quantum Hamiltonians by the quantum collective field method 1-28184
- Monden, Y. see Ootuka, Y. 1-34711
- Mondino, M.A. see Peretti, H.A. 1-31543
- Mondong, R., Bassler, H. Determination of the chain length in polydiacetylenes by scanning electron microscopy 1-52080
- Mondt, J.P., Guernsey, R.L. AC conductivity in a homogeneous plasma from a convergent collision integral 1-34048
- Monduzzi, M. see Lai, A. 1-33477
- Mondecke, J., Siegel, W., Ziegler, E., Kuhnelt, G. On the concentration dependence of the thermal impurity-to-band activation energies in semiconductors 1-47688
- Monerie, M., Jeunhomme, L. Polarization mode coupling in long single-mode fibres 1-11104
- Monerie, M., Jeunhomme, L., Vassallo, C., Okamoto, K., Sasaki, Y., Miya, T., Kawachi, M., Edaheiro, T. Comments on 'Polarisation characteristics in long length VAD single-mode fibres' [and reply] 1-24500
- Monerie, M., Lamouler, P., Jeunhomme, L. Measurement of polarisation mode dispersion [in single-mode fibres] 1-11136
- Monerie, M., Lamouler, P., Jeunhomme, L. Polarisation mode dispersion measurements in long single mode fibres 1-15266
- Monerie, M., Moutonnet, D., Jaunhomme, L. Polarisation studies in long length single mode fibres 1-11135
- Monerie, M. see Jeunhomme, L. 1-15269
- Moneti, G.C. see Bebek, C. 1-33191
- Moneti, G.C. see Chadwick, K. 1-33192
- Moneti, G.C. see Gottesman, S.R. 1-10260
- Monette, P., Graf, B., Hammarstrand, K. An integrated GC and LC system [gas chromatography and liquid chromatography] 1-31920
- Monfort, Y. see Goreaud, M. 1-15875
- Mong, K.K. see Victory, H.D., Jr. 1-5823
- Monga, M.R. see Sharma, A. 1-7548
- Mongan, T.R. Multiplicity distributions in a quark model for high-energy nucleon-nucleon scattering 1-10261
- Monge, A., Gutierrez-Puebla, E. Diammonium copper bis(selenate) hexahydrate 1-42346
- Monge, R. see Barth, M. 1-41018, 1-45377
- Monger, J.W.H. see Coney, P.J. 1-22292
- Mongini, M. see Diaz, R. 1-22159
- Mongird-Gorska, A. see Byzowski, P. 1-12128
- Mongy, M., Aziz, A.W., Ali, I.M. Ultrasonic detection of free radicals in polyethylene 1-43716
- Monica, M.D., Agostino, A., Congedi, M. Streaming diffusion effect on spheres falling in a circular cylinder 1-42081
- Monich, V.A. see Volkov, G.G. 1-50398
- Monier, J.C. see Leclaire, A. 1-15855, 1-15865
- Monig, H., Stevenson, A.F.G., Seiter, I., Steinbach, K.-H. Haematological studies on ⁹⁰Sr-⁹⁰Y-toxicity. I. Ferrokinetic changes in peripheral blood of mice 1-32206
- Monin, A.S., Simuni, L.M. A model of the differential rotation of the Sun 1-22769
- Monin, A.S., Yastrebov, V.S. Expedition to the Red Sea 1-32433
- Monin, A.S. see Mirabel, A.P. 1-44201
- Moniz, E.J. see Karagiou, B. 1-5805
- Moniz, E.J. see Lenz, F. 1-23679, 1-28433
- Moniz, W.B. see Chingas, G.C. 1-38987
- Monjes, J.A., Manes, K.R., O'Neal, W.C., Rienecker, F. Shiva target alignment and viewing instrument 1-33737

- Monju, Y. see Osamura, K. 1-21452
- Monk, D.J. see Bankovskis, A. 1-42476
- Monk, D.J. see Hasan, F. 1-15968
- Monk, D.J. see King, P.J. 1-15963
- Monkhorst, H.J., Schwalm, W.A. Electrostatics for periodic films of atoms 1-47419
- Monkhouse, P.B. see Piper, L.G. 1-1340
- Monnaud, E. see Jung, G. 1-36904
- Monnerie, L. see Jarry, J.P. 1-38307
- Monnerie, L. see Laupretre, F. 1-51327
- Monnier, A., Augustynski, J. Photoelectrolysis of water; photoreactions of nickel, chromium and zinc-doped polycrystalline TiO_2 electrodes 1-8575
- Monnier, R. see Perdew, J.P. 1-7435
- Monod, P., Felner, I., Chouteau, G., Shaltiel, D. High field magnetization of TiB_2 and related compounds 1-16426
- Monod, P. see Bouchiat, H. 1-42302
- Monod, P. see Shaltiel, D. 1-26014
- Monogaran, S., Sathyanarayana, D.N., Volka, K. Molecular vibrations, electronic structure and conformation of diprotinated thiocarbonylhydrazide 1-45958
- Monreal, J. Gutierrez see Gutierrez Monreal, J.
- Monroe, D.R. see Sell, J.A. 1-17335
- Monroe, J.L. Nonconvexity of the magnetization in Ising ferromagnets 1-25858
- Monsay, E., Rosenzweig, C. On the appropriate definition of the scale parameter Λ in quantum chromodynamics 1-50396
- Monsier, M.J. see Pitts, J.H. 1-10541
- Monta, K. see Kubota, J. 1-28560
- Monta, K. see Tsunoyama, S. 1-50868
- Montabonel, M.-C., Suard, M., Guibe, L. Quantum-mechanical calculations of the electric-field gradient at the chlorine nucleus in some small polyatomic molecules 1-1085
- Montag, R.L., Seidemann, D.E. A test of the reliability of Rb-Sr dates selected glauconite morphologies of the Upper Cretaceous (Navesink Formation) of New Jersey 1-54022
- Montagna, M. see Mugnai, D. 1-12076
- Montagna, M. see Villani, G. 1-39149
- Montagne, J.P. see Salamero, Y. 1-41477
- Montagnini, B. The eigenvalue spectrum of the linear Boltzmann operator in $L^1(\mathbb{R}^d)$ and $L^2(\mathbb{R}^d)$ 1-36977
- Montaignac, E. de see de Montaignac, E.
- Montaldi, E. see Cicuta, G.M. 1-14237
- Montambaux, G. see Heritier, M. 1-2852
- Montanari, G. see Carnevale, M. 1-44332
- Montanes, J.L. see Sanmartin, J.R. 1-29852
- Montanet, F. see Arnault, C. 1-23947
- Montano, M.A. Jimenez see Jimenez Montano, M.A.
- Montano, P.A. Matrix isolation studies of bimetallic molecules of Fe-M(3d) metals 1-41370
- Montano, P.A. see Jagadeesh, M.S. 1-52778
- Montarou, G. see Courau, A. 1-14440
- Montarroyos, E. see Rezende, S.M. 1-3412
- Monte Lima, I. see Aldrovandi, R. 1-18146
- Monteillet, J. see Faure, H. 1-53955
- Monteiro, M.A. Rego see Rego Monteiro, M.A.
- Monteiro, S.N. see Valadao de Miranda, P.E. 1-24699
- Monteith, J.L. see Campbell, G.S. 1-8821
- Monteleoni-Conforto, B. see Adamovich, M.I. 1-45317
- Montelius, A. see Brahmé, A. 1-26995
- Montella, N. see Del Re, G. 1-2824
- Montemayor, R. see de la Pena, L. 1-9803
- Montemayor, R. see Hojman, S. 1-27809
- Montemayor, T.J. see Stover, R.J. 1-17844
- Montenegro, J.F.D. see Lee, E.W. 1-47909
- Montero, S. see Domingo, C. 1-48055
- Montero, S. see Lopez-Bote, M.A. 1-35031
- Montgels, R.A. see Buckman, A.B. 1-37603
- Montgomery, A.G. see Hoening, M.O. 1-44967
- Montgomery, A.G. see Iwasa, Y. 1-53627
- Montgomery, B.H. see Rose, S.D. 1-28540
- Montgomery, D. see Matthaeus, W.H. 1-42142
- Montgomery, D.B. see Marston, P.G. 1-48879
- Montgomery, D.S. Transmission electron spin resonance with an anisotropic g factor 1-47949
- Montgomery, D.W. Design of the CDS steam generator, feedwater, and condensate systems 1-10435
- Montgomery, H.E. see Allkofer, O.C. 1-45773
- Montgomery, H.E. see Aubert, J.J. 1-5630
- Montgomery, J.A., Jr., Holmgren, S.L., Chandler, D. Stochastic molecular dynamics study of trans-gauche isomerization processes in simple chain molecules 1-12980
- Montgomery, J.D., Dixon, F.W. Fiber optics to the year 2000. II. Components 1-11103
- Montgomery, S.D., Bennett, C.W., Peddicord, K.L. Axial shear of simulated Sphere-Pac fuel 1-45611
- Montgomery, V., Williams, R.H., Srivastava, G.P. The influence of adsorbed layers in controlling Schottky barriers 1-52642
- Montgomery, W.W., Kohl, R.H. Opposition-effect experimentation 1-29214
- Montillet, F. see Perdrix, C. 1-4027, 1-21538
- Montillet, F. see Regazzoni, G. 1-48415
- Monti, S., Gardini, E., Bortolus, P., Amouyal, E. The triplet state of azobenzene 1-29016
- Monti, S. see Orlandi, G. 1-19209
- Monticello, D.A. see Park, W. 1-6959
- Montiel, A. see Pastor, J.M. 1-31100
- Montieth, L. see McCrory, R.L. 1-38128
- Montigny, R. see Thuizat, R. 1-54047
- Montixi, G., Coulon, R., Occelli, R. Direct measurement of the dispersion of the refractive index of compressed argon with yellow mercury light 1-6923
- Montixi, G., Occelli, R., Coulon, R. Refractivity of argon in the visible spectrum under variable pressure 1-6924
- Montmory, R. Mechanism of condensation-freezing at low levels of supersaturation in relation to ice 1-13541
- Montonen, C. see Kajantie, K. 1-36808
- Montoneri, E. see Galasso, V. 1-51117
- Montoto, L. see Gonzalo, C. 1-26276
- Montoya, P.C. see Nilson, R.H. 1-42086
- Montoya-Cruz, J.J. see Kadalbal, R. 1-16767
- Montret, J.C. see Courau, A. 1-14440
- Montret, M. see Fain, J. 1-948
- Montrimas, E. see Gaidelis, V. 1-12150
- Montrimas, E.A. see Gaidelis, V.I. 1-16316
- Montroll, E.W. see Scher, H. 1-12106
- Montrose, C.J. see Heyes, D.M. 1-11648
- Montrosset, L. see Daniele, V. 1-6686
- Montvay, I. Grand unification at the subcomponent level 1-5552
- Montvay, I. Nuclear fireballs in heavy ion collisions 1-18631
- Montvay, I. String variables in quantum chromodynamics 1-28218
- Montvay, I. Experimental limits on the lowest possible mass horizontal gauge boson in $\text{SU}(2)_H$ 1-28265
- Montvay, I. see Engels, J. 1-5582, 1-18385
- Montvay, I. see Hagedorn, R. 1-18590
- Montwill, A. see Allasia, D. 1-23495
- Monty, C. see Perinet, F. 1-2682
- Monyakin, A.P., Kuznetsov, L.A., Kuzmenko, N.E., Kuzakov, Yu. Ya., Plastinin, Yu.A. Regularities in electronic transition probabilities in diatomic molecules. Evaluation of numerical values of electronic transition strengths and analysis of their accuracy 1-1147
- Monzen, R., Sato, A., Mori, T. Structural changes of iron particles in a deformed and annealed Cu-Fe alloy single crystal 1-43459
- Monzie, P. see Chanzy, H. 1-3691
- Moodenbaugh, A.R. see Cox, D.E. 1-29960
- Moodie, I.M. Sample handling for protein hydrolysis and derivatisation of amino acids for chromatography 1-35591
- Moodie, T.B. see Tait, R.J. 1-29621
- Moody, G.B., Mark, R.G., Olson, W.H., Peterson, S.K., Schluter, P.S., Walters, J.B., Jr. A microprocessor-based ECG monitor for ambulatory patients 1-17514
- Moody, G.P. see Osborn, H. 1-425
- Moody, L.E. see Cacciapouti, R.J. 1-28654
- Moody, M.F., Vachette, P., Foote, A.M., Tardieu, A., Koch, M.H.J., Bordsas, J. Stopped-flow X-ray scattering: the dissociation of aspartate transcarbamylase 1-8820
- Moody, M.V., Paterson, J.L. Quasiparticle relaxation times in clean Al films 1-42918
- Moody, N.R. The temperature dependence of thresholds in an α/β titanium alloy 1-43519
- Moody, P.J. The Yorkshire Television storm: instantaneous rainfall measured by amateur observers 1-49374
- Moody, S.E. see Levin, L.A. 1-37469
- Mooij, C.H. Electric room thermostat with digital thermometer 1-27954
- Mooij, J.E. Current uses of two-fluid models in superconduction 1-47785
- Mooij, J.E., Lambert, N., Klapwijk, T.M. T_c enhancement [superconductivity] 1-30870
- Mook, H.A. Temperature dependence of the spin dynamics of EuO 1-42956
- Mook, H.A., Maple, M.B., Fisk, Z., Johnston, D.C. Magnetic field dependence of the neutron scattering from ErRh_2B_4 1-7813
- Mook, H.A. see Kamitakahara, W.A. 1-20462
- Mook, H.A. see Lynn, J.W. 1-34873
- Mook, W.G. see Tans, P.P. 1-13556
- Moon, D.M. see Bamford, W.H. 1-26656
- Moon, F.C. Elastic vibrations and waves in a superconducting torus 1-10521
- Moon, F.C., Hara, K. Elastic buckling of superconducting yin-yang magnets for fusion 1-45725
- Moon, J.R. see Leheup, E.R. 1-53218, 1-53385
- Moon, K.A., Kant, A., Croft, W.J. Heats and free energies of formation of two SiAlons by mass spectrometry 1-43695
- Moon, R.L. The effect of mismatch on the performance of GaAsB photodiodes 1-16343
- Moon Park Yong see Yong Moon Park
- Moon-Jong Rhee see Soon-Mo Hwang 1-46915
- Mooney, D.R. see Charter, S.J.B. 1-12732
- Mooney, H.M. The design of a satellite-based system for coastal oceans monitoring 1-49419
- Mooney, H.M. see Greenhalgh, S.A. 1-32523
- Mooney, J.B. see Brodie, I. 1-43973
- Mooney, P., Morison, W.W., Samaddar, S.K., Sperber, D., Zielinski-Pfabe, M. Nucleon spectra in heavy ion collision prior to equilibrium 1-28496
- Moons, M. see Henard, J. 1-40365
- Moor, W.S., Feely, H.W., Yuan-Hui Li Radium isotopes in sub-Arctic waters 1-9178
- Mooradian, A. see Fleming, M.W. 1-41698
- Mooradian, A. see Patterson, C.W. 1-41411
- Moorbath, S. see Taylor, P.N. 1-40094
- Moorbath, S. see Thompson, R.N. 1-13417
- Moore, A. see Lewis, C.L.S. 1-29915
- Moore, A.E. see Lachowski, E.E. 1-3706
- Moore, A.J. see Hirst, W. 1-16902
- Moore, A.R. Carrier lifetime in photovoltaic solar concentrator cells by the small-signal open-circuit decay method 1-53615
- Moore, B.C.J. Relation between pitch shifts and MMF shifts in forward masking 1-49010
- Moore, B.J. Seismic ray theory for lithospheric structures with slight lateral variations 1-27079
- Moore, B.M. see Thomsen, D.H. 1-18820
- Moore, B.T., Ferry, D.K. Scattering of inversion layer electrons by oxide polar mode generated interface phonons 1-16376
- Moore, C. see Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Moore, C.A. see Miller, D.W. 1-45649
- Moore, C.B. see Hai-Lung Dai 1-29058
- Moore, C.B. see Holmes, C.R. 1-44254
- Moore, C.B. see Weisshaar, J.C. 1-41418
- Moore, C.D. see Shu-Tso Lee 1-11123
- Moore, C.E., Sims, D.J. A compact optical system for portable distance and angle measurements 1-1665
- Moore, C.F. see Morris, C.L. 1-723, 1-50498
- Moore, C.J. The asymmetric radiation patterns of interacting dust modes 1-41912
- Moore, D. see Lee, G. 1-10528
- Moore, D.A., Morrow, S.A. Thermally activated creep of monoclinic europia 1-39364
- Moore, D.A., Tarrant, E.A. Development of fabrication techniques for europia/iron cermet tips for coarse-control arms in DIDO and PLUTO 1-53151
- Moore, D.F. see Wolf, E.L. 1-3112
- Moore, D.R. see Gifford, K.R. 1-48439
- Moore, D.S., Wright, J.C. Laser spectroscopy of defect chemistry in $\text{CaF}_2\text{Er}^{3+}$ 1-43142
- Moore, D.S. see Wright, J.C. 1-25265
- Moore, D.T. Gradient-index optics. A review 1-46528
- Moore, D.T. see McLaughlin, P.O. 1-51589
- Moore, E.A., Mortimer, M. Influence of second-order quadrupole effects on deuterium NMR double-pulse responses 1-21078
- Moore, F. see Davis, W.R. 1-50130
- Moore, F.H. see Thomas, R. 1-30143
- Moore, F.H. see Williams, G.A. 1-30146
- Moore, G.F., Curran, J.R. Structure of the Sunda Trench lower slope off Sumatra from multi-channel seismic reflection data 1-32400
- Moore, G.T. see Hopf, F.A. 1-10957
- Moore, H.J., Boyce, J.M., Hahn, D.A. Small impact craters in the lunar regolith—their morphologies, relative ages, and rates of formation 1-4793
- Moore, H.J. see Hutton, R.E. 1-49555
- Moore, J.B. see Morris, C.L. 1-723
- Moore, J. see St. Lawrence, W. 1-44159
- Moore, J.A. An analysis of Rutherford backscattered spectra to determine dechanneling in single crystals 1-7219
- Moore, J.C., Allwardt, A. Progressive deformation of a Tertiary trench slope, Kodiak Islands, Alaska 1-13431
- Moore, J.C. see Trizna, D.B. 1-13475
- Moore, J.G. see Weber, E.J. 1-13631
- Moore, J.H. see Tossell, J.A. 1-41431
- Moore, J.R. see Johnson, R.L. 1-990
- Moore, M.A., Wilson, C.A. A new approach to polymer solution theory 1-7067
- Moore, M.A. see Bray, A.J. 1-16445
- Moore, M.D. see Turner, D.M. 1-33986
- Moore, M.L. see Murphy, P.H. 1-35879
- Moore, P.G. see Boone, D.H. 1-31763
- Moore, R. Lepton-pair production in hadronic processes via a two-photon exchange mechanism 1-10244
- Moore, R. see Amplatz, K. 1-26999
- Moore, R.A., Reid, J.D., Hyde, W.T., Liu, C.F. Core charge polarisation effects in the alkali atoms 1-28862
- Moore, R.B. see Rehfield, D.M. 1-28802
- Moore, R.C., Slaymaker, F.H. Direct phase measurement in spherical wave Fizeau interferometers 1-29415
- Moore, R.J. Exposure range for cine radiographic procedures 1-44018
- Moore, R.K., Soofi, K.A., Purduski, S.M. A radar clutter model: average scattering coefficients of land, snow, and ice 1-27161
- Moore, R.K. see Dome, G.J. 1-36088
- Moore, R.L., Stockman, H.S. The class of highly polarized quasars: observations and description 1-49842
- Moore, R.L. see El-Genk, M.S. 1-5947
- Moore, R.L. see Rabin, D. 1-32673

- Moore, R.P. see Carlson, R.L. 1-22269
 Moore, R.W. see Bernard, L.C. 1-15609
 Moore, S.C. see Gottesman, S.R. 1-10260
 Moore, S.R., Weinberg, F.J. High propagation rates of explosions in large volumes of gaseous mixtures 1-46823
 Moore, T.A. see Ho, Z.Z. 1-41390, 1-45937
 Moore, T.C., Jr. see Pissias, N.G. 1-54234
 Moore, T.E., Arnoldy, R.L., Hultqvist, B., Aparicio, R. The dawn polar cap boundary at high altitude 1-22639
 Moore, T.E. see Hultqvist, B. 1-40286
 Moore, T.L., Wallskog, H.A. Inspection and evaluation of nuclear fuel services waste storage tanks 1-23822
 Moore, V. see Butterworth, P.S. 1-9410
 Moore, V. see Caldwell, J. 1-54417
 Moore, V.S., Walewski, L.G., Wylie, T.J. High input impedance optical isolator 1-41816
 Moore, V.S. see Greenspan, S.B. 1-51618
 Moore, W., Davies, T.J. Creep of laminated aluminum composites 1-8389
 Moore, W.E., Cromwell, L.D. An asymmetric screen pair for angiography 1-17488
 Moore, W.H. see Bennett, C.L. 1-17746
 Moore, W.J.M. see So, E. 1-36684
 Moore, W.S. see Fanning, K.A. 1-54066
 Moore, W.S. see Fletcher, J.R. 1-26023
 Moore, W.S. see Grimshaw, J.M. 1-26024
 Moores, B.M., Ramsden, J.A., Asbury, D.L. An atmospheric pressure inography system suitable for mammography 1-8999
 Moores, S.R. see Walsh, M. 1-49169
 Moori, J. see Shirasaki, S. 1-25494
 Mooring, F.P. see Elwyn, A.J. 1-5788
 Moortjani, K., Ghatak, S.K., Rao, K.V., Kramer, B., Chen, H.S. Spin glass-paramagnetic phase boundary in amorphous magnetic alloys 1-30957
 Moorlat, N.V., Vitols, E.A., Valdovskis, G.Zh., Purin'sh, Yu.I., Rabinovich, B.A., Kostin, V.K. Assessment of critical shock rate causing fracture of human vertebrae 1-32178
 Moorlat, N.V. see Melnis, A.E. 1-17436
 Moormann, H., Kohl, D., Heiland, G. Variations of work function and surface conductivity on clean cleaved zinc oxide surfaces by annealing and by hydrogen adsorption 1-20849
 Moorthy, K. Krishna see Krishna Moorthy, K.
 Moorthy, V.K. see Mohan, A. 1-21378, 1-53127
 Moorwood, A.F.M., Salinari, P. Infrared objects near to H₂O masers in regions of active star formation 1-54588
 Moorwood, A.F.M., Salinari, P., Furniss, I., Jennings, R.E., King, K.J. Infrared spectroscopy with a balloon borne Michelson interferometer. II. Observation of O III, O I, and N III fine structure lines in H II regions 1-17888
 Moorwood, A.F.M. see Williams, P.M. 1-54531
 Moos, E.N., Shuppe, G.N. Relationship between the thermionic emission and phase state of A¹-B^{1V} heterosystems 1-31298
 Moos, H.W. see Clarke, J.T. 1-13724, 1-44473
 Moos, H.W. see Finkelthal, M. 1-51987
 Moose, P.H. The gradient magneto-telluric method at the sea floor 1-36073
 Mooy, R.B.M. see Blommestein, G.J.F. 1-708
 Moppert, C.F., Bonwick, W.J. The new Foucault pendulum at Monash University 1-4655
 Mor, S.L. see Rastogi, A.M. 1-52998
 Mora, R. see Louis, E. 1-31502
 Mora, S., Romeo, N., Tarricone, L. Diffusion length measurements in CdS and CdSe Schottky barrier junctions 1-34768
 Mora-Vargas, M.L., Saka, H., Taylor, G. The deformation of single and poly-crystals of lithium-magnesium alloys 1-26576
 Moraal, H. On the Kirkwood-Salsburg and Mayer-Montroll equations and their solutions for many-body interactions 1-50033
 Moraal, H. On the solutions of the equilibrium BBGKY equations 1-50034
 Moraal, H. On the product property of the distribution functions in classical statistical mechanics 1-50035
 Morack, J.L. see Rogers, J.C. 1-9185
 Moraga, L.A. see Rossler, J. 1-12031
 Moral, A. del see del Moral, A.
 Morales, C., Llorente de Andres, F., Ruiz del Arbol, J.A., Perez Molla, J. Studies of ultraviolet interstellar extinction with the sky-survey telescope of the TD-1 satellite. Results for different OB-associations 1-9591
 Morales, D.A., Ewing, G.E. Vibrational predissociation of the van der Waals molecule (N₂O)₂ 1-31841
 Morales, G.J. Effect of a DC electric field on the trapping dynamics of a cold electron beam 1-29886
 Morales, J. see Navarro Belsue, J.M. 1-50288
 Morales, J.A.M. Fringe localization due to two homothetic distributions 1-6451
 Morales, J.L., del Corral, P., G. An example of Gaussian molecular orbital AB-initio calculations including configuration interaction. The H₂ molecule 1-6177
 Morales, R.G.E., Toporowicz, M. Spectral assignment of the electronic bands of 3-methoxy, 4-methoxy and 3,4-dimethoxybenzaldehyde 1-45984
 Morales De La Garza, L. see Clarke, L.J. 1-16160
 Moran, A. see Jacob, I. 1-7460
 Moran, B. see Holian, B.L. 1-19753
 Moran, B. see Hoover, W.G. 1-2669
 Moran, D.F. see Bolmgren, C.R. 1-862
 Moran, J. see Jory, H. 1-42188
 Moran, J.M. see Bowers, P.F. 1-49836
 Moran, J.M. see Elmegegn, B.G. 1-49748
 Moran, J.M. see Lada, C.J. 1-54579
 Moran, J.M. see Robertson, D.S. 1-44085
 Moran, J.M. see Rodriguez, L.F. 1-22912
 Moran, M. see Hastings, J.B. 1-39333
 Moran, M.J. see Brant, P. 1-29036
 Moran, M.J. see Miller, G.R. 1-38989
 Moran, M.J. see Rosat-Mignod, J. 1-34330
 Moran, N. see Palti, Y. 1-26886
 Moran, S.E. On the transport theory of mutual intensity function propagation in a multiple scattering medium 1-29192
 Moran-Lopez, J.L., Schlottmann, P. Simple model for inhomogeneous mixed-valence systems: application to Sm₂S₄ and Eu₂S₄ 1-7564
 Moran-Lopez, J.L. see Urias, J. 1-52404
 Morand, A., Robert, J. Analytic determination of the electric resistance of rectangular bars. I. Configurations of two lateral electrodes 1-46192
 Morand, B. see Abgrall, Y. 1-5752
 Morand, C. see Tsan Ung Chan 1-10296
 Morand, R. see Bouquinn, M. 1-10276
 Morander, K.-E. The optocator. A high precision, non-contacting system for dimension and surface measurement and control 1-40758
 Morandi, G. see Keiter, H. 1-25713
 Morando, B. see Davies, M.E. 1-4797
 Morando, M. see Bianco, B. 1-53951
 Moraru, D., Zuca, S. Phase change thermal storage for solar heating 1-26855
 Moras, D., Comarmond, M.B., Fischer, J., Weiss, R., Thierry, J.C., Ebel, J.P., Giege, R. Crystal structure of yeast tRNA^{Asp} 1-32092
 Moras, P. see Birsa, R. 1-51060
 Morash, B.D. see Szelek, J.G. 1-26957
 Morasky, T.M. see Bloom, S.G. 1-4603
 Morato, S.P., Luty, F. Photochemistry and reactions of OH⁻ defects and F centers in alkali halides 1-21239
 Morato, S.P., Luty, F. Hydrogen defects from UV photodissociation of OH⁻ centers in alkali halides 1-26247
 Morato, S.P. see Rzycki, B.M. 1-954
 Moravec, F. A⁺B⁻ monocrystals for optical communication systems 1-11053
 Moravec, F., Novotny, J., Janacek, J. Growth and characterization of SSD InP crystals used as substrates for infra-red LEDs 1-53111
 Moravie, R.M. see Omura, Y. 1-46162
 Morawiec, J., Mizera, E. X-ray and TEM investigations of PbTe crystal 1-52305
 Morbello, M. see Broggi, A. 1-32053
 Morbey, C. see van den Bergh, S. 1-54583
 Morch, K.A. see Hansson, I. 1-8437
 Morchenko, A.T. see Ivanov, L.P. 1-25999
 Morchio, G. see Frohlich, J. 1-18377
 Mordike, B.L. see Bergmann, H.W. 1-8491
 Mordike, B.L. see Chermant, J.L. 1-53149
 Mordukhovich, V.N. see Matveev, Yu.A. 1-31266
 Mordukhovich, A.R. see Zeinaly, A.Kh. 1-43063
 Mordukhovich, M.I. see Grachev, A.I. 1-13515, 1-44240
 Mordvintsev, V.M., Vishnyakov, B.A. Calculations of the inelastically reflected electron effectiveness during electron-beam activation of surfaces 1-16629
 Mordvintsev, V.M. see Vishnyakov, B.A. 1-48684
 More, C. see Roger, G. 1-36713
 More, K.M. see Eaton, S.S. 1-24177
 More, N. see Basse-Cathalinat, B. 1-39998
 More, R.M. see Trainor, R.J. 1-36674
 Moreau, D. On the derivation of dispersion relations for parametric instabilities 1-38097
 Moreau, G., Broto, P. Autocorrelation of molecular structures, application to SAR studies 1-51085
 Moreau, J.M. see Le Roy, J. 1-34289
 Moreau, J.M. see Sallard, M. 1-30163
 Moreau, J.-P. see Vertut, J. 1-50913
 Moreh, R., Selley, W.C., Vodhanel, R. Widths of ¹B levels below 9.0 MeV 1-14461
 Moreh, R., Selley, W.C., Vodhanel, R. Gamma-ray widths in ¹N 1-45461
 Morel, S., Sartori, S. Use of a variable frequency laser to measure length and related parameters 1-40750
 Moreira, J.M. see Amado, M.M. 1-25940
 Moreira, J.M. see Ausloos, M. 1-25700
 Moreira, J.M. see Pinto, R. 1-25710
 Moreira, J.M. see Sousa, J.B. 1-12269, 1-25702
 Moreira, J.A. A non-traditional approach to the evaluation of laboratory Viscosity in general physics courses 1-36480
 Moreira, M.A., Goncalves, E.S. Structured laboratory versus unstructured: a comparative study of an individualised course 1-32821
 Moreira, S.H. see Vince, M. 1-29809
 Morek, T., Deuschler, H., Bochey, B., Haenni, D.R., Lieder, R.M., Kutsarova, T., Muller-Veggie, M., Neskakis, A. Isomeric states in ¹³⁷Ba 1-28374
 Morel, P.J., Baglin, A. Numerical solution of the 1D spherical non stationary radiating shock using characteristics. Application to protostars 1-17837
 Moreland, M.S. see Strop, M.A. 1-13366
 Morelli, A. see Devallette, M. 1-52113
 Morelli, C. see Ansorge, J. 1-4464
 Morelli, D.R. Real-time volume-scanning three-dimensional imaging system for real moving objects 1-51635
 Morelli, S. see Cecchi, R. 1-32506
 Moreno, A. see Azorin, J. 1-960
 Moreno, A. see Espinosa, G. 1-3513
 Moreno, B.G. see Von Witsch, W. 1-10328
 Moreno, E. Some applications on power assignment: energy in both electrostatic and magnetostatic fields, and power in balanced three-phase systems 1-19236
 Moreno, F. see Bernabeu, E. 1-51521
 Moreno, G. see Bonifazi, C. 1-40275
 Moreno, H. see Gutierrez-Moreno, A. 1-27502
 Moreno, M. The sign of the g shift of complexes formed by s ions 1-30683
 Moreno, M. The electronic levels of Ag⁰ doped alkali halides 1-34651
 Moreno, M. A study about the optical absorption spectra of KCl:Hg⁺ 1-48125
 Moreno, M.A. see Pimis, P. 1-4969
 Moreno-Castilla, C., Mahajan, O.P., Walker, P.L., Jr., Jung, H.-J., Vannice, M.A. Carbon as a support for catalysts. III. Glassy carbon as a support for iron 1-35196
 Moreno-Diaz, R., Rubio, E., Nunez, A. A layered model for visual processing in avian retina 1-17385
 Moreno-Diaz, R., Rubio, E., Royo, F.R. A theoretical proposal to account for visual computation in a frog's retina 1-4269
 Moreno-Insartit, F. see Gonzalez-Gascon, F. 1-5095
 Morenzoni, E. see Stoller, C. 1-6354
 Moreschi, O.M. see Gleiser, R.J. 1-50410
 Moret-Bailly, J. see Milan, C. 1-5368
 Moreton, D. see Exon, N.F. 1-4486
 Moretti, A. see Arimondo, E. 1-10991
 Moretti, A. see Inguscio, M. 1-1551, 1-19139
 Moretti, M., Rossi, L. On the possibility of using metal unblanketed model atmospheres for analysis of Population II stars 1-36279
 Moretti, P. see Cianchi, L. 1-52534
 Moretting, P.A. Homogeneous random processes on locally compact Abelian groups 1-23110
 Moretto, L.G. see Schmitt, R.P. 1-41130
 Morewitz, H.A. Fission product and aerosol behavior 1-41193
 Morey, J.A. see Lange, J.E. 1-8944
 Morf, M. see Wood, S.L. 1-53865
 Morley, C.L., Howell, G.P. Sound power spectrum of shock-free jets 1-1951
 Morley, C.L., Howell, G.P. Speed of sound in air as a function of frequency and humidity 1-11223
 Morfill, G.E., Grun, E., Johnson, T.V. Dust in Jupiter's magnetosphere: physical processes 1-32649
 Morfill, G.E., Grun, E., Johnson, T.V. Dust in Jupiter's magnetosphere: origin of the ring 1-32650
 Morfill, G.E., Grun, E., Johnson, T.V. Dust in Jupiter's magnetosphere: time variations 1-32651
 Morfill, G.E., Grun, E., Johnson, T.V. Dust in Jupiter's magnetosphere: effect on magnetospheric electrons and ions 1-32652
 Morfill, G.E., Stenholm, L.G. Structure of molecular clouds. III. Effects of MHD waves in collapsing fragments 1-13832
 Morgan, A. see Walsh, M. 1-49169
 Morgan, A. see Williams, R.J. 1-9001
 Morgan, A.E. An alternative to the relative sensitivity factor approach to quantitative SIMS analysis 1-48774
 Morgan, A.E. see Warmoltz, N. 1-21318, 1-31295
 Morgan, C., Booth, P., Piccinini, R., Heath, P. Homotopy groups of the space of gauge transformations 1-33120
 Morgan, C.B., Bentley, W.H., Warner, R.A., Kelly, W.H. States in odd-odd ¹¹⁵Sb excited by the decay of ¹¹⁵Te 1-50509
 Morgan, D. QCD and spectroscopy 1-14354
 Morgan, D. QCD and spectroscopy 1-36840
 Morgan, D. see Martin, B.R. 1-36874
 Morgan, D.H. see Gomalekar, P.M. 1-27611
 Morgan, D.H. see Nandy, K. 1-27529
 Morgan, G. see Rosinski, J. 1-49359
 Morgan, G.E., Briden, J.C. Spectra of Precambrian palaeomagnetism, with new data from the Limpopo mobile belt and Kaapvaal craton in southern Africa 1-49204
 Morgan, J. see Mattei, J. 1-44569
 Morgan, J.A. Anomalous neutrino interactions and primordial nucleosynthesis 1-54672

- Morgan, J.D. (editor) Proceedings of the Sixth Annual UMR-DNR Conference on Energy 1-32805
- Morgan, J.D., III, Simon, B. The calculation of molecular resonances by complex scaling 1-45875
- Morgan, J.G. see Harrison, M.F.A. 1-29846
- Morgan, J.S., Wood, J.L., Bradt, R.C. Cell size effects on the strength of foamed glass 1-53236
- Morgan, K. see Thomas, H.R. 1-1801
- Morgan, K., Taylor, C., Brebbia, C.A. (editor) Computer methods in fluids 1-17956
- Morgan, K.Z. see Stillwagon, G.B. 1-18957
- Morgan, L.A. A hybrid multichannel algebraic variational method: application to electron scattering by hydrogenic ions 1-1316
- Morgan, L.A. see Hata, J. 1-19188
- Morgan, M. see Mort, J. 1-7637
- Morgan, M.A. Finite element computation of microwave scattering by raindrops 1-32554
- Morgan, M.G. Comment on 'A new interpretation of the VLF impedance measurements of island slot antennas' by R. Barr 1-13579
- Morgan, M.J. The linear transverse Ising model with four-spin interactions 1-7853
- Morgan, M.J., Ninio, F. A generalized Laplace formula 1-18149
- Morgan, M.W. The Maddox classification of vergence eye movements 1-35764
- Morgan, P. see Swanberg, C.A. 1-40222
- Morgan, P.D. see Siegrist, M.R. 1-19364
- Morgan, P.L.T. see Fleischer, C.C. 1-23758
- Morgan, R.D.T. see Lang, J.C. 1-34479
- Morgan, R.J. see Mahajan, V.N. 1-46250
- Morgan, R.J. see Nelson, K. 1-13335
- Morgan, T.A. see Campbell, W.B. 1-14246
- Morgan, T.H. see Wells, C.W. 1-27398
- Morgan, T.J., Stone, J., Mayo, R. H(2s) formation in H⁺-H and H-H collisions 1-1322
- Morgan, V.T. see Morrow, R. 1-19998
- Morgan, W.J. see Crough, S.T. 1-13426
- Morgan, W.L., Franklin, R.D., Haas, R.A. Electron energy distribution in photolytically pumped lasers 1-46321
- Morgan, W.L., Pound, M.J. Kinetics of e-beam excited XeCl 1-37468
- Morgan, W.L., Szoke, A. Kinetic processes in Ar-Kr-F₂ laser mixtures 1-46309
- Morgan, W.L., Vriens, L. Two-electron-group model and Boltzmann calculations for low-pressure gas discharges 1-11606
- Morgan, W.L., Whitten, B.L., Bardsley, J.N. Plasma shielding effect on ionic recombination 1-29839
- Morgan, W.L., Whitten, B.L., Bardsley, J.N. Plasma shielding effects on ionic recombination 1-38057
- Morgan, W.W., Keenan, P.C., Abt, H.A., Tapscott, J.W. Some aspects of the spectroscopic behavior of the stars of highest luminosity in the region of the Hertzsprung gap 1-54489
- Morgane, P.J. see Bronzino, J.D. 1-22006, 1-32284
- Morganti, M. see Antreasyan, D. 1-10287
- Morgavi, G. see Bianco, B. 1-53951
- Morgen, P., Onsgaard, J. The lineimic VV Auger spectrum of silicon 1-8171
- Morgenstern, H. see Lehr, H. 1-50700
- Morgenstern, I. Numerically exact solvable random-bond Ising model 1-52794
- Morgenstern, I., Binder, K. Magnetic correlations in two-dimensional spin-glasses 1-3198
- Morgenstern, I., Binder, K., Hornreich, R.M. Two-dimensional Ising model in random magnetic fields 1-34894
- Morgenstern, J. see Balestri, B. 1-28343
- Morgenstern, J. see Barreau, P. 1-28471
- Morgenstern, J. see Jans, E. 1-28470
- Morgenstern, R., Niehaus, A., Zimmermann, G. Autoionising states formed by electron capture in collisions of multiply charged Ne ions with He, H, and Xe 1-24218
- Morgenstern, Th. see Kuhne, H. 1-42408
- Morgenthaler, F.R. Synthesized magneto-static resonances in a nonuniformly biased thin disk without conducting boundaries 1-12406
- Morgenthaler, F.R. see Stancil, D.D. 1-12382
- Morgenthaler, L.N., Eyer, J.R. Photodissociation of benzyl chloride molecular cation studied by pulsed ion cyclotron resonance mass spectrometry 1-37277
- Morguleff, N. see Geribaldi, M. 1-49634
- Morgulis, T.E., Popyalkovskaya, L.K., Kuznetsova, A.I., Raikhabaum, Ya.D. Modeling of the transport of atoms in a carbon arc electrode used in spectroscopic analysis 1-51922
- Morgan, G.N. see Zhornyak, A.F. 1-53136
- Morgan, V.A. see Minkovich, E.N. 1-17047
- Morgun, V.N., Syrkyn, E.S., Feodosiev, S.B. Effect of quasi-local modes on RMS atomic displacements and impurity electrical resistivity of anisotropic crystals 1-47603
- Morgunov, V.S. see Vlasik, V.F. 1-23847
- Morhange, J.F., Kanellis, G., Balkanski, M. Raman spectroscopy of amorphous-crystalline phase transition induced by laser annealing 1-52072
- Mori, A. see Amakawa, H. 1-41118
- Mori, A. see Yamaki, N. 1-11338, 1-11339
- Mori, C. see Watanabe, T. 1-23962
- Mori, F. Plasma techniques in the field of semiconductors 1-35187
- Mori, H. Smart and intelligent selective level meter ML422A features high accuracy 1-44958
- Mori, H., Fujita, T., Satoh, T., Ohtsuka, T. Magnetic ordering in PrNi₂ 1-3151
- Mori, H., Ito, R., Kozakai, T., Miyazaki, T. Cyclic deformation of silicon-ion single crystals containing pre-introduced deformation twins 1-3857
- Mori, H., Oba, N., Miyazaki, T., Kozakai, T. Changes in surface topography during the early stage of cyclic deformation of b.c.c. iron-alloy single crystals 1-21527
- Mori, H. see Aric, M. 1-42058
- Mori, H. see Miyazaki, T. 1-3806, 1-43344
- Mori, H. see Morita, T. 1-5264
- Mori, H. see Nakagawa, Y. 1-32411
- Mori, H. see Orito, T. 1-32251, 1-40009
- Mori, H. see Sakurai, J. 1-52451
- Mori, H. see Yoshihara, H. 1-43277
- Mori, I. see Ohya, K. 1-16641
- Mori, K. Role of impurity spectra in Tokamak plasmas 1-19974
- Mori, K., Hiwasa, S., Kawai, Y. Rate of transfer of oxygen from slag to liquid iron 1-25438
- Mori, K. see Fukushima, M. 1-45770
- Mori, K. see Kinase, W. 1-26170
- Mori, K. see Kishimoto, M. 1-2778
- Mori, K. see Otsuka, A. 1-43492
- Mori, K. see Terada, S. 1-14415
- Mori, K. see Yamaguchi, H. 1-46005
- Mori, K. see Yoshii, T. 1-33010
- Mori, M., Toda, S., Ochiai, M., Saito, S. Transient cooling process of fuel rod in reactivity initiated accident 1-18776
- Mori, M. see Kikuchi, M. 1-19973
- Mori, N. Transport properties in a superconducting proximity sandwich with magnetic impurities 1-3109
- Mori, N., Inahata, H., Ozaki, H. Josephson current and proximity effect in niobium-based tunnel junctions 1-52719
- Mori, N. see Katano, S. 1-25720
- Mori, R. see Heagy, S.M. 1-50433
- Mori, S., Ando, T. Electronic properties of a heavily-doped n-type GaAs-Ga_{1-x}Al_xAs superlattice 1-7721
- Mori, S., Tanimoto, A. Application of the traditional concept of over-all resistance to conjugated heat transfer problems with a laminar flow 1-15480
- Mori, T. see Arai, T. 1-47440
- Mori, T. see Koterazawa, R. 1-43483
- Mori, T. see Makabe, T. 1-42120
- Mori, T. see Masuda, K. 1-42384
- Mori, T. see Monzen, R. 1-43459
- Mori, T. see Sato, A. 1-53188
- Mori, T. see Takeda, F. 1-3623
- Mori, T. see Yogo, H. 1-37713
- Mori, Y. Heat transfer bibliography—Japanese works 1-17964
- Mori, Y., Himeno, N., Hijikata, K., Miyauchi, T. Effects of vibrational relaxation of multi-atomic molecules on stagnation heat transfer 1-29682
- Mori, Y., Jaccard, C., von der Weid, J.P., Aegerter, M.A. Relaxation processes of the triplet state of self-trapped excitons in alkali-halide crystals 1-3298
- Mori, Y. see Arai, T. 1-46379
- Mori, Y. see Ayabe, M. 1-42794
- Mori, Y. see Hanada, S. 1-43452
- Mori, Y. see Hikida, T. 1-24180
- Mori, Y. see Hirasawa, S. 1-19704
- Mori, Y. see Kakuta, A. 1-18320
- Mori, Y. see Nakagawa, H. 1-19783
- Mori, Y. see Ookubo, N. 1-18272
- Moriamez, Cl. see Bricout, J.P. 1-31606
- Moriarty, A.J. see Davis, D.D. 1-26793
- Moriarty, K.J.M., Rad, J.P., Tabor, J.H., Ungkitchanukit, A. Absorbed Mueller-Regge model for the single-particle-inclusive production of forward nucleons from a nucleon beam 1-45375
- Moricca, M. see Esposito, B. 1-36868
- Morichev, I.E., Onokhov, A.P., Savinov, V.P. Temperature dependence of the absorption coefficient and optical strength of glass 1-26159
- Morichev, I.E., Savinov, V.P. Producing multilayer dielectric coatings on refractory oxides by laser evaporation 1-11197
- Morize, J. see Lang, L. 1-39811
- Morigaki, K. Metal-insulator transitions in amorphous semiconductors 1-47480
- Morigaki, K., Hirabayashi, I. Gap states and recombination processes in amorphous silicon 1-43175
- Morii, K., Nakayama, Y. Texture transition and shear bands in rolled polycrystalline silver 1-31480
- Morii, T. see Kaburagi, M. 1-18442
- Moriizumi, T., Kudo, K. Merocyanine-dye photo-voltaic cell on a plastic film 1-48837
- Moriizumi, T. see Furukawa, S. 1-24626
- Moriizumi, T. see Iriyama, K. 1-7658
- Moriizumi, T. see Kudo, K. 1-20800
- Morik, G. see Aray, Z. 1-23937
- Morikawa, H. see Ki Dong Oh 1-48373
- Morikawa, H. see Nagumo, M. 1-35283
- Morikawa, K. see Tokaji, K. 1-26608
- Morikawa, T. see Hidaka, T. 1-18310
- Morikawa, T. see Kikuchi, K. 1-41806
- Morikawa, T. see Mitsuhashi, Y. 1-6598
- Morikawa, Y., Hamada, H. A new variational principle for electromagnetic field and charged-particle stream configurations 1-6440
- Moriki, K., Wakao, K., Kitamura, M., Iga, K., Suematsu, Y. Single transverse mode operation of tetrased substrate GaInAsP/InP lasers at 1.3 μm wavelength 1-19354
- Morillo, J., Koncewsky, M., Senateur, J.P. The influence of hydrostatic pressure on the electronic transport properties of semiconducting SmS 1-12130
- Morillot, G. see Abdin, S. 1-35174
- Morillot, G. see Huber, A.M. 1-30264
- Morimoto, K. Low field spin-lattice relaxation in the rotating frame: quantum effect of NH₄-ion rotation 1-37223
- Morimoto, K. Strong collision induced spin-lattice relaxation for tunneling NH₄-ion systems in the rotating frame 1-52859
- Morimoto, M., Ando, Y. On the simulation of sound localization 1-22021
- Morimoto, M., Imai, H., Hori, K., Takusagawa, M., Fukuda, M. Facet degradation of InGaAsP/InP double-heterostructure lasers 1-46337
- Morimoto, M. see Fukui, Y. 1-36383
- Morimoto, M. see Imai, H. 1-46339
- Morimoto, M. see Shima, K. 1-11002
- Morimoto, O. see Hata, T. 1-16683
- Morimoto, S., Kondo, K., Mizuuchi, T., Iyoshi, A., Uo, K. Electron thermal energy of ohmically-heated plasmas in heliotron D 1-42216
- Morimoto, S., Mishima, M. Effect of composition on darkening and fading characteristics of silver halide photochromic glass 1-29365
- Morimoto, S., Mishima, M. Composition dependence of photochromic properties in aluminoborosilicate glasses containing silver halide 1-43083
- Morimoto, S., Mishima, M. Composition dependence of photochromic properties 1-48020
- Morimoto, S. see Barb, D. 1-43044
- Morimoto, T., Kittaka, S. Spherical particles and their surface properties. II. Preparation of spherical particles of titanium dioxide 1-35222
- Morin, D. see Boudou, A. 1-3405
- Morin, D. see Jaussaud, C. 1-34857
- Morin, J. see Roche, M. 1-28511
- Morin, J.F. see Jacolot, G. 1-49114
- Morin, L. see Strobel, M.P. 1-51230
- Morin, M., Guenin, G., Etienne, S., Gobin, P.F. New aspects of internal friction during martensitic transformation of a Cu-Zn-Al alloy 1-38448
- Morin, M. see Mai, C. 1-21446
- Morin, P., Nenner, I., Guyon, P.M., Dutuit, O., Ito, K. Time of flight photoelectron spectroscopy using synchrotron radiation study of resonances in O₂ 1-19133
- Morin, P., Schmitt, D. Origin of crystal field and magnetoelasticity in rare-earth intermetallic compounds 1-20942
- Morin, P., Schmitt, D. Competition between multi-q antiferromagnetic structures in cubic rare earth-copper compounds 1-25883
- Morin, P., Schmitt, D., du Tremolet de Lacheisserie, E. New experimental evidence of quadrupolar interactions in cubic rare-earth compounds [intermetallic] 1-21030
- Morin, P. see Boucherle, J.X. 1-25678
- Morin, P. see Pinto, R.P. 1-25710
- Morin, P. see Sousa, J.B. 1-25702
- Morin, P.P. see Jacolot, G. 1-49114
- Morinaga, H. see Matsuo, Y. 1-3529, 1-21352
- Morinaga, H. see Wegmann, H. 1-28757
- Morinaga, K. see Sekiya, K. 1-25353
- Morinaga, M., Cohen, J.B. The defect structure of VO₂: comparison between X-ray and electron diffraction 1-15754
- Moring, W. A quality comparison between Super-8 film and home video recorder 1-5415
- Morino, K. see Matsushima, S. 1-53198
- Morinobu, S. see Fujita, Y. 1-28446
- Morinobu, S. see Ikegami, H. 1-10583
- Morioka, S., Afnan, I.R. Relativistic formulations with Blankenbecler-Sugar reduction technique for the three-particle system 1-41083
- Morisetti, S., Reina, C., Treves, A. Petrov classification of vacuum axisymmetric space-times 1-14050
- Morishige, F. see Kakuda, T. 1-9009
- Morishige, T. see Kakuda, T. 1-9009
- Morishima, H. see Nishiwaki, Y. 1-6098
- Morishima, I. see Sato, M. 1-48947
- Morishita, H., Mizugaki, K. A bright surge observed on 22 May 1979 1-13757
- Morishita, H. see Hamada, K. 1-6268
- Morishita, H. see Kakuta, A. 1-18320
- Morishita, H. see Takitani, K. 1-741

- Morishita, I.** Twenty-two year modulation of cosmic rays associated with polarity reversal of polar magnetic field of the Sun 1-9337
- Morishita, J.** see Kaburagi, M. 1-18442
- Morishita, T., Tsushima, K.** Observation of adiabatic spin reorientation in ErCrO_3 1-25953
- Morishita, Y.** see Kawashima, Y. 1-14592
- Morison, I.** see Davies, J.G. 1-17766
- Morison, L.** see Lonsdale, C.J. 1-17902
- Morison, W.W., Samadarr, S.K., Sperber, D., Zie-linska-Pfabe, M.** A classical dynamical model for fusion and incomplete fusion in heavy ion collisions 1-45559
- Morison, W.W.** see Mooney, P. 1-28496
- Morisue, M.** see Hirose, Y. 1-20831
- Morita, A., Watanabe, H.** Use of continued fractions for the calculation of higher-order terms in a perturbation system 1-27805
- Morita, A.** see Asahina, H. 1-47449
- Morita, A.** see Watanabe, H. 1-35014
- Morita, E., Takayanagi, K., Kobayashi, K., Yagi, K., Honjo, G.** An ion-sputtering gun to clean crystal surfaces in-situ in an ultra-high-vacuum electron microscope 1-10050
- Morita, H.** see Fujimori, H. 1-12351
- Morita, H.** see Matsui, K. 1-33492
- Morita, H.** see Ohi, Y. 1-12284
- Morita, H.** see Tanaka, S. 1-23901
- Morita, K.** Severe temperature inversion layer regions in the World 1-40180
- Morita, K.** Estimation of microwave attenuation due to winter precipitation 1-40181
- Morita, K.** Analyses using ion beam technique-backscattering 1-48210
- Morita, K.** see Hosoya, Y. 1-4565
- Morita, K.** see Nawata, Y. 1-30208
- Morita, M.** Photoacoustic measurement of ZnS:Mn phosphors 1-42472
- Morita, M., Isogai, S., Tsubouchi, K., Mikoshiba, N.** Characteristics of the metal insulator semiconductor structure: AlN/Si 1-47747
- Morita, M., Kato, Y.** N_2 laser-excited luminescence of antiferromagnetically coupled trinuclear chromium(III) complexes 1-8110
- Morita, M., Uesugi, N., Isogai, S., Tsubouchi, K., Mikoshiba, N.** Epitaxial growth of aluminum nitride on sapphire using metalorganic chemical vapor deposition 1-43267
- Morita, M.** see Koga, T. 1-24285, 1-37286
- Morita, R.Y.** Biological limits of temperature and pressure 1-48940
- Morita, S., Fukase, T., Isawa, Y., Ishida, S., Takeuti, Y., Mikoshiba, N.** Anomalous temperature dependence of the resistivities in $n\text{-InSb}$ below 100 mK 1-47682
- Morita, S., Ikeda, M., Takeuti, Y., Mikoshiba, N.** Linewidth of phonon-assisted cyclotron resonance induced by shallow neutral donors in the quantum limit and cyclotron resonance harmonics induced by deep neutral donors in $n\text{-InSb}$ 1-47953
- Morita, S.** see Fukase, T. 1-47435
- Morita, S.** see Kukuse, T. 1-2571
- Morita, S.** see Noguchi, T. 1-3106, 1-3107
- Morita, S.** see Omata, S. 1-29609
- Morita, S.** see Sera, K. 1-24265
- Morita, S.** see Yamadera, A. 1-26349
- Morita, T.** Divergence of the higher-order susceptibilities of the random-site Ising model on the Cayley tree 1-191
- Morita, T.** Thermodynamic limit for the distribution function of the effective field of random Ising models on the linear chain or on the Cayley tree 1-7800
- Morita, T., Horiguchi, T.** Spin glass on a linear triangular lattice 1-30949
- Morita, T., Mori, H., Mashiyama, T.** Contraction of state variables in non-equilibrium open systems. II 1-5264
- Morita, T.** see Horiguchi, T. 1-3272, 1-34889
- Morita, T.** see Matsumoto, T. 1-42649
- Morita, T.** see Motley, F.E. 1-10457
- Morita, T.** see Nakamura, H. 1-22072
- Morita, T.** see Yamagata, K. 1-52802
- Morita, U.** Analyses using ion beam technique-particle induced γ -ray emission 1-48212
- Morita, Y., Goto, T., Omatsu, K., Miki, H., Tani-guchi, M., Tanaka, M.** Shimadzu Organic Pollution Monitor model JNM-401 1-53741
- Morita, Y.** see Hama-guchi, H. 1-54287
- Morita, Y.** see Yoshizumi, S. 1-33736
- Morita, Z.** see Iida, T. 1-30439
- Moritake, K.** see Hayashi, K. 1-39945
- Moritani, A.** see Fujii, Y. 1-47175
- Moritani, A.** see Yamagishi, C. 1-25805, 1-26642
- Moritz, G.** see Duren, R. 1-14835, 1-37288
- Moriwaki, K.** see Shimizu, M. 1-9008
- Moriya, K.** see Kikuchi, M. 1-19973
- Moriya, T.** A unified picture for itinerant electron magnetism 1-34851
- Moriya, T., Awakuni, Y., Ogasawara, N.** Application of magneto-optic modulator to infrared measurements 1-5307
- Moriya, T., Yamagishi, K.** Comment on renormalization of higher-derivative quantum gravity: a coupling with the Maxwell field 1-23097
- Moriya, T.** see Usami, K. 1-31315
- Moriyama, A.** RF-type two-way school broadcasting system has wide field of applications 1-22984
- Moriyama, H.** see Nishi, T. 1-50660
- Moriyama, I.** see Kamisuki, T. 1-3380
- Moriyama, J.** see Omori, S. 1-34490
- Moriyama, J.** see Ueda, Y. 1-3696
- Moriyama, K.** see Ushida, N. 1-546
- Moriyama, M.** see Kagami, H. 1-36077
- Moriyama, T., Fukuda, O., Sanada, K., Inada, K., Tanaka, S., Chida, K., Edahiro, T.** Fabrication of ultra-low-OH content optical fibers with VAD method 1-11200
- Moriyama, T.** see Sanada, K. 1-15297
- Moriyama, Y., Umetani, Y., Harada, A.** Automatic recognition of submarine sediments in Sonoprobe survey—profiling maps of sedimental section by processing reflected sound 1-49432
- Moriyasu, K.** see Abramowicz, H. 1-45378
- Moriyasu, K.** see Ko, W. 1-10263
- Moriyasu, K.** see Lubatti, H.J. 1-45352
- Moriyoshi, Y., Ikegami, T., Matsuda, Sh., Seki-kawa, Y., Shirasaki, Sh.** Stability of dislocations in MgO single crystals at high temperatures 1-25277
- Moriyoshi, Y., Ikuma, Y., Maruyama, O., Komatsu, W.** The retardation of sintering shrinkage of zinc oxide in nitrogen atmosphere 1-21407
- Moriyoshi, Y.** see Ikegami, T. 1-39291
- Morjaria, M., Mukherjee, S.** Numerical analysis of planar, time-dependent inelastic deformation of plates with cracks by the boundary element method 1-19586
- Morjaria, M.** see Mukherjee, S. 1-19585
- Mork, K.J.** see Johannessen, A.M. 1-566
- Morkel, C.** see Suck, J.-B. 1-30341
- Morkoc, H., Cho, A.Y., Radice, C., Jr.** Transport properties of $\text{Sn-doped AlGa}_{1-x}\text{As}$ grown by molecular beam epitaxy 1-7609
- Morkoc, H., Eastman, L.F., Woodward, D.** Residual impurities in high purity GaAs epitaxial layers grown by liquid phase epitaxy 1-2474
- Morkoc, H., Hopkins, C., Evans, C.A., Jr., Cho, A.Y.** Chromium and tellurium redistribution in GaAs and $\text{Al}_0.3\text{Ga}_{0.7}\text{As}$ grown by molecular beam epitaxy 1-42647
- Morkoc, H., Witkowski, L.C., Drummond, T.J., Stanchak, C.M., Cho, A.Y., Streetman, B.G.** Growth conditions to achieve mobility enhancement in $\text{AlGa}_{1-x}\text{As-GaAs}$ heterojunctions by MBE 1-3624
- Morkoc, H.** see Hwang, Y.M. 1-2845
- Morkoc, H.** see Keever, M. 1-34778, 1-47736
- Morkoc, H.** see Merlin, R. 1-52940
- Morkoc, H.** see Witkowski, L.C. 1-42848, 1-42849
- Morkovin, M.V.** see Herbert, T. 1-37883
- Morkowski, J.** Magnetic excitations in ferromagnets and structural disorder 1-12277
- Morl, K., Schroder, H.** The influence on temperature of unsupported substrates during sputter deposition by different optical properties of the surrounding walls 1-42644
- Morlet, M.** see Djallali, C. 1-18623
- Morlet, M.** see Marty, N. 1-23690
- Morlet, M.** see Riepe, G. 1-23949
- Morley, B.M.** see Smiley, V.N. 1-54187
- Morley, J.G., McCall, I.R.** Suppression of fatigue crack growth in all metal composites using pre-stressed reinforcing members 1-48459
- Morley, J.P.** see Faulkner, T.R. 1-2925
- Morlin, Z., Peter, A., Foldvari, I., Mecsek, A.** An X-ray study of defective ionic single crystals 1-2424
- Morlon, B., Fukamachi, T., Hosoya, S.** Thermal-vibration effect on X-ray integrated intensities near the copper K absorption edge in CuI: determination of the temperature factors 1-34190
- Morman, J.A.** see Bhattacharyya, S.K. 1-833
- Morman, J.A.** see Robinson, W.R. 1-28665
- Morner, N.-A.** Crustal movements and geodynamics in Fennoscandia 1-34064
- Morniroli, J.P.** see Gerard, D. 1-39331
- Moro, E.S.M.** Receiving signals from geostationary ionospheric investigation satellites 1-54281
- Moro, G., Freed, J.H.** Efficient computation of magnetic resonance spectra and related correlation functions from stochastic Liouville equations 1-44973
- Moro, R., Roca, V., Sorrentino, G., Terrasi, F.** A program for automatic radioelemental analysis: discussion of the method and results on a test spectrum 1-8645
- Moroi, T.** see Watanabe, Y. 1-48935
- Morokhov, I.D., Trusov, L.I., Lapovok, V.N., Petrunic, V.F., Ivanov, A.S., Dubrovina, A.I., Ganelin, V.Y.** Inhomogeneities of the physical characteristics of ultradispersed particles 1-26775
- Morokhov, P.V.** see Akimov, Yu.K. 1-37059
- Morokhovskii, V.L.** see Blazhevich, S.V. 1-25328
- Morokhovskii, V.L.** see Ganenka, V.B. 1-2542
- Morokin, V.I., Motylinski, I.P., Kosterin, V.A.** Flame stabilization by impinging jets in high-speed flow 1-15527
- Morokuma, K., Wipff, G.** Theoretical evidence for intramolecular hydrogen bonding in 7-norbornenol 1-1069
- Morokuma, K.** see Kato, S. 1-12988
- Morokuma, K.** see Kitaura, K. 1-37086
- Morokuma, K.** see Ohmine, I. 1-43684
- Morokuma, K.** see Osamura, Y. 1-1073
- Morokuma, K.** see Sakai, S. 1-18997
- Moron, J.** see Ciurzynska, W. 1-2692
- Moroni, A.** see Gazonzi, P. 1-37078
- Moroni, L.** see Albini, E. 1-23999
- Morooka, H.** see Hamada, H. 1-35176
- Morooka, Y.** see Kuwano, H. 1-31068
- Moroshnikov, V.N.** see Fedorchenko, I.M. 1-21597
- Morosini, M.B.Z., Patel, N.B., Nunes, F.D.** Influence of uniaxial pressure on the critical temperature for long delays in GaAs junction lasers 1-6556
- Morosov, L.N.** see Gokhberg, B.M. 1-45556
- Morosov, N.A.** see Gokhberg, B.M. 1-45556
- Morossi, C.** see Ramella, M. 1-13766
- Morovic, T.** see Euler, R. 1-6186
- Morovic, T.** see Sepp, W.-D. 1-33588
- Moroyama, T., Iwata, S.** Information system for microstructural design. I 1-39861
- Moroz, B.I.** see Datsenko, B.M. 1-12694
- Moroz, E.M.** see Artem'eva, Z.L. 1-46204, 1-51357
- Moroz, E.Y.** Lidar visibility measurements 1-9255
- Moroz, I.I.** see Mamonov, P.D. 1-11067
- Moroz, I.I.** see Manyuk, V.L. 1-39518, 1-43551
- Moroz, N.K., Panich, A.M., Fedotova, T.D., Gabuda, S.P.** NMR structural analysis of the hydrogen bond in alkaline earth metal hydrogen fluorides 1-6283
- Moroz, P.E.** Microanalytical ultracentrifuge 1-4399
- Moroz, V.I., Parfent'ev, N.A., San'ko, N.F.** Spectrophotometric experiment on the Venera 11 and Venera 12 descent modules. II. Analysis of Venera 11 spectra data by layer-addition method 1-9401
- Moroz, V.P.** see Karpinos, D.M. 1-31616
- Moroz, Z., Botzger, R., Egghof, P., Mobius, K.-H., Tunge, G., Steffens, E., Dreves, W., Fick, D.** Determination of the alignment of a ^7Li beam by means of the doppler-shift method 1-45765
- Moroz, Z.** see Dworak, A. 1-232
- Moroz, Z.** see Tunge, G. 1-33256
- Morozhenko, N.N., Zharkova, V.V.** Spectral features of the filamentary and physically inhomogeneous prominences. I. Hydrogen (excitation) 1-54440
- Morozik, V.P.** see Vendik, O.G. 1-25848
- Morozov, A.G.** Short-wave Jeans instability in multicomponent disks of galaxies 1-49823
- Morozov, A.I., Kulakov, M.A.** Scanning acoustic microscope with an acoustoelectric detector 1-51673
- Morozov, A.I., Lebedev, S.V.** Plasma optics 1-42148
- Morozov, A.I., Solov'ev, L.S.** Steady-state plasma flow in a magnetic field 1-42146
- Morozov, A.I.** see Brushlinskii, K.V. 1-42147
- Morozov, A.I.** see Kulakov, M.A. 1-41935
- Morozov, A.N.** see Zelenskii, V.F. 1-4003
- Morozov, B.A., Nomokonov, P.V., Smirnov, V.A.** Organization of data collection in experiments on small-angle pp, pd, and pHe scattering (electronic apparatus) 1-37076
- Morozov, B.A.** see Kuznetsov, A.A. 1-36883
- Morozov, B.V., Bolkhovityanov, Yu.B., Gabaraev, R.S., Kravchenko, A.F., Yudaev, V.I.** Profile of the absorption edge of variable-gap structures made of III-V semiconductor compounds 1-39174
- Morozov, D.Kh.** see Gribkov, V.M. 1-38078
- Morozov, E.M.** Some problems in experimental fracture mechanics 1-25363
- Morozov, E.M.** see Zaitsev, V.N. 1-31093
- Morozov, E.P.** see Ashkinazi, G.A. 1-34786
- Morozov, M.G.** Light-beam heating furnace for high-temperature investigations 1-18232
- Morozov, M.V.** see Bunkina, M.V. 1-51558
- Morozov, M.V., Rukavishnikov, A.I., Zakharov, L.Yu.** Study of pulse characteristics of piezoceramic mirror correctors 1-37582
- Morozov, N.F.** On strain criteria of fracture 1-53296
- Morozov, N.I.** see Galitskarov, Sh.A. 1-14111
- Morozov, N.P., Tetelbaum, D.I.** Laws governing accumulation of defects during irradiation of semiconductors with light ions 1-20278
- Morozov, O.A.** see Zhigun, I.G. 1-16822
- Morozov, V.A.** see Balygin, A.V. 1-53019
- Morozov, V.A.** see Bautin, A.V. 1-37523
- Morozov, V.A.** see Meshcheryakov, Yu.I. 1-52147
- Morozov, V.I., Tret'yakova, L.N., Fedorov, P.P., Sobolev, B.P.** Ionic conductivity of some fluorides with the tysonite structure 1-38581
- Morozov, V.N., Chernov, V.G.** Influence of electron-hole and donor-acceptor interactions on the distribution coefficients of impurities in multiple doped semiconductors 1-52169

- Morozov, V.N., Popov, Yu.M., Sergeev, A.B., Skopin, I.A. Influence of the spectrum of external illumination on transient and self-modulation processes in an injection laser 1-46354
- Morozov, V.N. *see* Akhmed'yanov, M.A. 1-349
- Morozov, V.N. *see* Gracheva, G.P. 1-4089
- Morozov, V.N. *see* Karavanskii, V.A. 1-33829
- Morozov, V.P., Bezverkhnyaya, G.I. Calculation of the potential constants of diatomic molecules by numerical differentiation methods 1-6334
- Morozov, V.S. *see* Vereshchagin, I.P. 1-8626
- Morozov, V.V., Chernyshev, L.E. Stimulated Brillouin scattering in an acoustic resonator 1-33754
- Morozov, Yu.A. *see* Ershova, T.P. 1-53026
- Morozov, Yu.I. *see* Karpinos, D.M. 1-21342
- Morozova, A.N., Pankratova, N.F., Sivko, A.P., Ushakova, G.M., Filimanova, M.A. Glasses for the bulbs of special light sources 1-20073
- Morozova, I.A. Directional pattern formation by apertures with a single plane of symmetry 1-36183
- Morozova, I.A. Optical modeling of radio telescopes 1-49516
- Morozova, L.G. *see* Karapetyan, V.E. 1-48155
- Morozova, R.I. *see* Rudnitskii, V.A. 1-48590
- Morozova, S.M. *see* Bergner, Yu.K. 1-9247
- Morozova, T.I. *see* Vernov, S.N. 1-4731
- Morozova, V.M., Mikhoev, M.N., Vil'danova, N.F., Noskova, N.I., Filippov, Yu.I., Istomin, A.A. Correlation of the magnetic characteristics of quenched and tempered steels with their thin-structure, strength, and plasticity characteristics 1-31690
- Morozumi, S., Kikuchi, M., Sugai, S. Reaction between molybdenum and several nitrides 1-47305
- Morozumi, S., Kikuchi, M., Sugai, S., Hayashi, M. Reaction between molybdenum and carbon, and several carbides 1-31500
- Morozumi, S. *see* Namioka, T. 1-24480
- Morpurgo, G. *see* Marinelli, M. 1-41023
- Morquillas Martinez, J.M. Investigation of the capture of solar radiation by flat-plate collectors 1-35703
- Morra, P. *see* Calzavara, M. 1-11157
- Morraya, M. *see* Llorens Morraya, M.
- Morrall, J.E., Jandeska, W.F., Jr. The binding energy of boron to austenite grain boundaries ascalculated from autoradiography 1-15904
- Morras, R. Intermediate velocity clouds in the region of the South Celestial Pole 1-36373
- Morrell, M.P., Bohn, L. Remote camera/radiation monitoring experiments in TMI-2 containment building 1-18793
- Morrell, N. *see* Levato, H. 1-4947
- Morrey, B.F. *see* Chao, E.Y. 1-49149
- Morrice, E. *see* Marchant, J.D. 1-39280
- Morris, P.C. *see* Watson, D.B. 1-3330
- Morris, A. *see* Dyke, J.M. 1-33436
- Morris, A.G. *see* Barber, P.B. 1-15326
- Morris, A.H. *see* Crapo, R.O. 1-13270
- Morris, A.P. *see* Dosdale, T. 1-11895
- Morris, A.W.L. A technique for estimating steady state temperature variation tube-to-tube within an AGR boiler from measurements external to the pressure vessel 1-28584
- Morris, C.L., Boudrie, R.L., Piffaretti, J., Cottin-game, W.B., Braithwaite, W.J., Greene, S.J., Harvey, C.J., Holtkamp, D.B., Moore, C.F., Seestrom-Morris, S.J. Measurements of isospin mixing between the 1^+ doublet in ^{12}C using pion inelastic scattering 1-50498
- Morris, C.L., Thiessen, H.A., Braithwaite, W.J., Cottin-game, W.B., Greene, S.J., Holtkamp, D.B., Moore, I.B., Moore, C.F., Burleson, G.R., Blanpied, G.S., Daw, G.H., Viescas, A.J. Observation of a double isobaric analog state in the reaction $^{209}\text{Bi}(\pi^+, \pi^-)^{209}\text{At}$ 1-723
- Morris, C.S. Periodic Comet Stephan-Oterma (1980g) 1-36219
- Morris, C.S., Green, D.W.E. Favorable apparition predicted for P/Comet Stephan-Oterma 1980g 1-9424
- Morris, C.S., Sherrod, C., Green, D.W.E., Burst, P., Pickup, D.A. Comet Bradfield (1980t) 1-32665
- Morris, C.S. *see* Bockelee-Morvan, D. 1-17795
- Morris, C.S. *see* Bortle, J. 1-13731, 1-13737, 1-44499, 1-44501, 1-44504
- Morris, C.S. *see* Bortle, J.E. 1-27421
- Morris, C.S. *see* Bowell, E. 1-32663
- Morris, D., Graham, D.A., Bartel, N. A mode change in the radio emission from the pulsar PSR 1822-09 1-36320
- Morris, D. *see* Fowler, L.A. 1-36315
- Morris, D.G. The mechanical properties of compacted metallic glass 1-35355
- Morris, D.G. Melting and solidification during dynamic powder compaction of tool steel 1-53117
- Morris, D.G. *see* Brown, G.T. 1-25282, 1-38372
- Morris, D.K. *see* Hukin, D.A. 1-26382
- Morris, E.E., Sevy, R.H. Energetics following loss of cooling in a shutdown GCFR 1-5971
- Morris, F., Nowaira, N.H., Rakowski, S., Stafford, G.D. The telemetered measurement of strain on the surface of a maxillary denture in function 1-49088
- Morris, G. *see* Holdren, J.P. 1-39706
- Morris, G.A. Indirect measurement of proton relaxation rates by 'INEPT' polarization transfer to carbon-13: proton spin-lattice relaxation in cholesteryl acetate solutions 1-19120
- Morris, G.J. Solidification cracking in thick-walled tubular welds and application of the modified transverse restraint test 1-39437
- Morris, G.M., George, N. Frequency-plane filtering with an achromatic optical transform 1-6525
- Morris, G.M., Goerge, N. Space and wavelength dependence of a dispersion-compensated matched filter 1-19410
- Morris, G.R. *see* Gottesman, S.R. 1-10260
- Morris, I.R., Dawe, D.J. Free vibration of curved-plate assemblies with diaphragm ends 1-24732
- Morris, J.G. The deformation of constitutionally unstable materials 1-20303
- Morris, J.M. *see* Fritzsche, J.L. 1-41402
- Morris, J.R. Inelastic scattering of ultrasound 1-41906
- Morris, J.R. Sourceless static Yang-Mills systems 1-45143
- Morris, J.V. *see* Adamovich, M.I. 1-45317
- Morris, J.V. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Morris, J.V. *see* Fiorino, A. 1-50583
- Morris, J.W., Jr. *see* Grivas, D. 1-53244
- Morris, J.W., Jr. *see* Hong, M. 1-43294, 1-47832
- Morris, J.W., Jr. *see* Kim, J.I. 1-8349
- Morris, J.W., Jr. *see* Nasim, M. 1-12769
- Morris, J.W., Jr. *see* Niikura, M. 1-16813
- Morris, L.R. *see* Saimoto, S. 1-26534
- Morris, M. *see* Elmegreen, B.G. 1-9614
- Morris, M.D. *see* Buffett, C.E. 1-50221
- Morris, P.G. *see* Pykett, I.L. 1-43945
- Morris, P.W. *see* Broussard, J.H. 1-36724
- Morris, R. *see* Chiu, C. 1-23733
- Morris, R. *see* Steier, W.H. 1-24363
- Morris, R.A. Image processing applications in non-destructive examination (NDE) 1-31801
- Morris, R.A. *see* Kruger, R.P. 1-48644
- Morris, R.C., Thornber, M.R., Ewers, W.E. Deep-seated iron ores from banded-iron formation 1-22339
- Morris, R.C. *see* Cadwell, L.H. 1-52566
- Morris, R.C. *see* Walling, J.C. 1-29283
- Morris, R.H. *see* Rose, S.D. 1-28540
- Morris, R.J. Plastic debris in the surface waters of the South Atlantic 1-4220
- Morris, R.J. *see* Tolk, N.H. 1-33420
- Morris, R.V., Lauer, H.V., Jr. The case against UV photostimulated oxidation of magnetite 1-4805
- Morris, S.C. *see* Hill, G. 1-4924
- Morris, T. *see* Chung, S.U. 1-14423, 1-45362
- Morris, T.F. Is the electron a soliton? 1-5468
- Morris, T.F. Classical confinement: field theories with spontaneously bounded domains 1-5562
- Morris, T.F. Dynamical self-confinement of charged scalar fields 1-50386
- Morris, T.W. The absence of tethering influences on vein diameter-pressure relationships 1-22054
- Morris, V.L. Cleaning agents and techniques for concentrating solar collectors 1-13090
- Morris, W. *see* Chung, S.U. 1-14423, 1-41006, 1-45362
- Morris, W.D. A pressure transmission system for flow resistance measurements in a rotating tube 1-34028
- Morris, W.D. *see* Whitlock, C.H. 1-44213
- Morris, W.L., James, M.R., Buck, O. Growth rate models for short surface cracks in Al 2219-T851 1-53269
- Morris, W.L. *see* Buck, O. 1-48591
- Morrih, A.H. *see* Hang Ham Ok 1-21098
- Morrih, A.H. *see* Hang Nam Ok 1-52771
- Morrih, A.H. *see* Ok, H.N. 1-11688
- Morrih, A.H. *see* Schurer, P.J. 1-39014
- Morrison, C. *see* Bedair, S.M. 1-16205
- Morrison, C. *see* Trampczynski, W. 1-21676
- Morrison, C.A., Leavitt, R.P. Crystal field analysis of Nd^{3+} and Er^{3+} in $\text{Bi}_2\text{Ge}_2\text{O}_7$ 1-38752
- Morrison, C.A., Leavitt, R.P., Wortman, D.E. Crystal-field analysis of triply ionized lanthanides in $\text{Cs}_2\text{NaLnCl}_6$ 1-30688
- Morrison, C.A., Leavitt, R.P., Wortman, D.E. The extended Rayleigh theory of the oscillation of liquid droplets 1-51834
- Morrison, D. Four new worlds. The Voyager exploration of Jupiter's satellites 1-22716
- Morrison, D. *see* Collins, S.A. 1-22721
- Morrison, D. *see* Millis, R.L. 1-54408
- Morrison, D. *see* Soderblom, L. 1-36209
- Morrison, D.R.O. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Morrison, D.R.O. *see* Arestov, Yu.I. 1-36892
- Morrison, D.R.O. *see* Blitschau, J. 1-10190
- Morrison, D.R.O. *see* Fritze, P. 1-14431
- Morrison, D.R.O. *see* Grassler, H. 1-50414
- Morrison, F.H. *see* Douglas, B.C. 1-22187
- Morrison, G.C., Bhowmik, R.K., Pollack, E.C., England, J.B.A., Sanderson, N.E. Alpha emission with 10 MeV/A ^{14}N projectiles 1-45520
- Morrison, G.C. *see* Bhowmik, R.K. 1-50647
- Morrison, G.H. *see* Furman, B.K. 1-15918, 1-53488
- Morrison, G.H. *see* Hodul, D.T. 1-31256
- Morrison, G.H. *see* Leta, D.P. 1-31949
- Morrison, G.L. Passive energy storage in greenhouses 1-13183
- Morrison, G.L., McLaughlin, D.K. Instability process in low Reynolds number supersonic jets 1-15522
- Morrison, G.R. *see* Chapman, J.N. 1-47921
- Morrison, H.L. *see* Anandan, J.S. 1-34528
- Morrison, I., Smith, R. The interacting boson approximation and the spectroscopy of the even cadmium and tin isotopes 1-23537
- Morrison, I., Spear, R.H. Triaxiality in the even-mass Hg isotopes: a discontinuity at ^{200}Hg 1-45454
- Morrison, I. *see* Amos, K. 1-36936, 1-41105
- Morrison, J.D., Moss, R.E. Approximate solution of the Dirac equation using the Foldy-Wouthuysen hamiltonian 1-18998
- Morrison, L.V. On the analysis of Megalithic lunar sightlines in Scotland 1-40361
- Morrison, L.V. *see* Parkinson, J.H. 1-27456
- Morrison, M.A. ALAM, a program for the calculation and expansion of molecular charge densities 1-24017
- Morrison, M.A., Collins, L.A. Exchange in low-energy electron-molecule scattering: orthogonalization and free-electron-gas approximations for collisions with polar and nonpolar molecules 1-24272
- Morrison, M.A. *see* Gibson, T.L. 1-46140
- Morrison, M.A. *see* Thompson, R.N. 1-13417
- Morrison, M.D., Cunningham, A.H. OII and NII branching ratios in the EUV 1-37137
- Morrison, M.M. *see* Bertie, J.E. 1-37187
- Morrison, P.J. The Maxwell-Vlasov equations as a continuous Hamiltonian system 1-29842
- Morrison, R.J. *see* Tangonan, G.A. 1-24502
- Morrison, S.R., Madou, M.J., Frese, K.W., Jr. Imperfections in and ion diffusion through oxide layers on silicon 1-25502
- Morrison, T.I., Iton, L.E., Shenoy, G.K., Stucky, G.D., Suib, S.L., Reis, A.H., Jr. EXAFS study of dehydrated cobalt exchanged A zeolite 1-26726
- Morrison, T.P. *see* Ekstrom, L.P. 1-666, 1-23587
- Morrison, T.P. *see* Jones, G.D. 1-28816
- Morrison, T.P. *see* Wadsworth, R. 1-663
- Morrison, W.B. *see* Cochran, R.C. 1-21469
- Morrissey, G.P., Perram, J.W. The analytic structure of the RISM equation solution 1-38221
- Morrissey, D.J. *see* Aleklett, K. 1-45527
- Morrissey, D.J. *see* Loveland, W. 1-41090
- Morrissey, R.J., Weisberg, A.M. Some further studies on porosity in gold electrodeposits 1-53361
- Morrissey, S.P. *see* Bionta, R.M. 1-28342
- Morro, A. Wave propagation in thermo-viscous magnetofluidynamics 1-2098
- Morro, A. Shock and wave relations in MFD with heat conduction and viscosity 1-11475
- Morro, A. *see* Bampi, F. 1-211, 1-18011, 1-44867, 1-46801
- Morrone, C.M. *see* Hoffmann, K.-P. 1-4273
- Morrone, E. *see* Borraei, G. 1-45337
- Morrow, B.C. *see* Bragg, G.M. 1-27916
- Morrow, G.R. *see* Heinrich, J.P. 1-50926
- Morrow, M., Jochemsen, R., Berlinsky, A.J., Hardy, W.N. Zero-field hyperfine resonance of atomic hydrogen for $0.18 \leq T \leq 1\text{K}$: the binding energy of H on liquid ^4He 1-48734
- Morrow, M. *see* Hardy, W.N. 1-1151
- Morrow, M.N. *see* Pilkington, T.C. 1-32084
- Morrow, R., Morgan, V.T. The effect of surface roughness on the AC corona onset voltage for cylindrical conductors in air 1-19998
- Morrow, S.A. *see* Moore, D.A. 1-39364
- Morsakov, P.I. *see* Etingof, N.I. 1-16992
- Morsch, H.P., Decowski, P. Excitation of the giant dipole resonance in the scattering of isoscalar projectiles 1-5754
- Morsch, M. *see* Risken, H. 1-27883
- Morse, J.L.C. *see* Stubbing, D.G. 1-22032, 1-22033
- Morse, R.L. *see* McCrory, R.L. 1-38128
- Morsi El-Mahdi, A. *see* Carr, K.L. 1-53852
- Morsink, J.B.W., Kruizinga, B., Wiersma, D.A. Optical dephasing and energy migration in disordered molecular mixed crystals 1-29346
- Morsink, H., van Bodegom, B. The structure of the 1:2 complex 4,4-diethylmorpholinium 7,7,8,8-tetracyanoquinodimethanide, DEM(TCNQ), at 294K 1-34337
- Morstyn, J. *see* Levick, W.R. 1-13237
- Morsy, S.M. *see* Hanaiah, B.A. 1-28822
- Morsy, S.M. *see* Stalhofen, W. 1-33353
- Mori, J. Polymers as electronic materials 1-3002
- Mori, J. Conductive polymers 1-12105
- Mori, J., Chen, I., Troup, A., Morgan, M., Knights, J., Lujan, R. Nongeminate recombination of a-Si:H 1-7637

- Mort, J., Grammatica, S., Knights, J.C., Lujan, R. Studies of a Si-H by xerographic discharge techniques 1-34742
- Mort, J. *see* Chen, I. 1-39766
- Mortarelli, J.R. A generalization of the Geselowitz relationship useful in impedance plethysmographic field calculations 1-22098
- Mortari, G. *Piano see* Piano Mortari, G.
- Mortensen, C.E. *see* Myren, G.D. 1-49180
- Mortensen, K.A. *see* Scudiere, J.D. 1-52733
- Mortensen, R.E., Bose, S.C. Optimal estimation for statistical geodesy 1-17555
- Mortier, W.J. Structures from powder data: data sampling, refinement and accuracy 1-29986
- Mortimer, M. *see* Moore, E.A. 1-21078
- Mortimer, M.J. *see* Blaise, A. 1-16447
- Mortimer, M.J. *see* Hall, R.O.A. 1-30415
- Morton, A. *see* Mills, D. 1-31983
- Morton, D.C., Chen Jian-sheng, Wright, A.E., Peterson, B.A., Janney, D.L. Absorption lines and ion abundances in the QSO PKS 0528-250 1-9713
- Morton, D.C. *see* Williams, T.B. 1-54615
- Morton, D.C. *see* Wyckoff, S. 1-49847
- Morton, D.H. *see* Szirmai, S.G. 1-12681, 1-16708
- Morton, E.W. *see* Thornton, W.A. 1-44982
- Morton, J.B. *see* Wood, H.F. 1-19726
- Morton, J.R., Preston, K.F. Higher-order effects in the EPR spectrum of $F^{13}SO_2$ 1-24176
- Morton, J.R., Preston, K.F. Statistical treatment of EPR data: the spectra of CF_3 and F_2NO in SF_6 1-37228
- Morton, J.R. *see* Couture, C. 1-21056
- Morton, K.W. *see* Barrett, J.W. 1-9951
- Morton, M.E. *see* de Morton, M.E.
- Morton, N. Induced electromotive forces 1-41536
- Morton, P.L. *see* Kroll, N.M. 1-10958, 1-10959
- Morton, W. *see* Barloutaud, R. 1-36885
- Morton, W.O. *see* Corcoran, R.A. 1-38855
- Morton-Blake, D.A. Effect of symmetry lowering on the band structure of polyacetylene 1-16220
- Morton-Blake, D.A. The perturbation of a polymer molecular orbital 1-24303
- Morton-Blake, D.A., Russell, N.R. Molecular-orbital treatment of complex cations of magnesium and beryllium with acetonitrile 1-41289
- Morucci, J.P. *see* Ricard, M. 1-9030
- Morunov, K.A. *see* Pavlovskii, A.I. 1-18931
- Moruzzi, J. *see* Doussot, C. 1-41498
- Moruzzi, J.L. *see* Doussot, C. 1-15580
- Moruzzi, V.L. *see* Ho, P.S. 1-26366
- Mory, C. *see* Colliex, C. 1-38214
- Mory, J. *see* Bhattacharya, P.K. 1-52200
- Mory, S., Rosenfeld, A., Polze, S., Korn, G. Nanosecond dye laser with a high-frequency holographic grating for grazing incidence 1-51504
- Mosca, L. *see* Ajinenko, I.V. 1-592, 1-5667
- Mosca, L. *see* Denegri, D. 1-28356
- Mosca, L. *see* Saudraix, J. 1-5666
- Moscardo, F., Delgado-Barrio, G. Simple technique to obtain correlated energy curves: LIH calculations 1-51079
- Moschalkov, V.V. *see* Brandt, N.B. 1-47457
- Moscicki, J.K. *see* Massalska-Arodz, M. 1-15789
- Mosconi, B. *see* Cambi, A. 1-45493
- Moscato, L. *see* Bussiere, A. 1-10265
- Moskovkin, V.M. *see* Alekseev, A.D. 1-9915
- Mose, D. *see* Ellwood, B.N. 1-27063
- Moseev, L.I., Aristarkov, N.N., Efimov, I.A., Piskunov, V.N., Smolyakov, V.I., Shkuro, S.I. Gas-chromatographic examination of the accumulation of ^{35}S , ^{85}Kr , and ^{133}Xe in the protective gas, sodium coolant, and constructional materials of the Br-10 1-23867
- Moseev, V.V. *see* Stoyanov, P.A. 1-45080
- Moseiko, N.I. *see* Vasil'ev, A.I. 1-40762
- Mosel, U. Self-consistent theory of very high spin states 1-616
- Mosel, U. Nuclei at high spins: a summary 1-45403
- Mosel, U. Fusion and fission of heavy nuclei 1-50629
- Mosel, U., Diebel, M. The role of the yrast line in heavy ion fusion 1-50703
- Mosel, U. *see* Diebel, M. 1-631
- Moseley, H. *see* Loewenstein, R.F. 1-44485
- Moseley, J., Durup, J. Laser spectroscopic studies of molecular ions using fast ion beams 1-19147
- Moseley, J.T., Ozene, J.-B., Cosby, P.C. Photofragment spectroscopy of O_3^+ 1-37178
- Moseley, J.T. *see* Grieman, F.J. 1-1142
- Moseley, J.T. *see* Hodges, R.V. 1-37276
- Moseley, M.E. Anisotropic molecular reorientation of trans-decalin in solution. Experimental test of hydrodynamic models 1-52039
- Moseley, M.E. *see* Stilbs, P. 1-21784, 1-38567, 1-39005
- Moseley, P.T. *see* Bourke, M.A.M. 1-34333
- Moseley, S.H. *see* Werner, M.W. 1-44653
- Moser, A.R. *see* Leedom, I.D. 1-10270
- Moser, B. *see* Dlubek, G. 1-52177
- Moser, C. *see* Andre, J.-M. (editor) 1-17938
- Moser, J., Gal, J., Potzel, W., Wortmann, G., Kalvius, G.M., Dunlap, B.D., Lam, D.J., Spirlitz, J.C. High pressure Mossbauer studies of magnetic Np intermetallics 1-47992
- Moser, J.M., Aunon, J.I., McGillem, C.D. Modeling and decomposition of the electroencephalogram 1-32114
- Moser, K. *see* Altkofer, O.C. 1-45773
- Moser, K. *see* Aubert, J.J. 1-5630
- Moser, M. Damping of structure-borne sound by the viscosity of a layer between two plates 1-11213
- Moser, M., Apkarian, V.A., Weitz, E. A complete determination of vibrational energy transfer pathways in CH_3D_2 for states below 3000 cm^{-1} : a laser induced fluorescence study 1-37245
- Moser, M.D. *see* Schatz, G.C. 1-6363
- Moser, P. *see* Chomka, W. 1-26529
- Moser, P. *see* Ritchie, I.G. 1-20313
- Moser, R.L. *see* Imamura, M.S. 1-53622
- Moser, U. *see* Nemethy, P. 1-45183
- Moses, D., Denenstey, A., Pron, A., Heeger, A.J., MacDiarmid, A.G. Specific heats of pure and doped polyacetylene 1-7353
- Moses, G.A. *see* Peterson, R.R. 1-19854
- Moses, H.E. Resonance scattering of Lyman- α radiation by hydrogen in the ground state 1-14837
- Moses, H.E. *see* Abraham, P.B. 1-112
- Moses, J.D. *see* Drake, D.M. 1-23672
- Moses, J.D. *see* Stephenson, E.J. 1-28821
- Moses, R.W. *see* Nebel, R.A. 1-41244
- Moshchalkov, V.V. *see* Chudinov, S.M. 1-52470
- Moshe, M. Contributions of operators of twist two and higher in large n moments of structure functions 1-28317
- Moshel', N.V. *see* Gritsenko, N.I. 1-30434
- Moshier, C.C. *see* Greenhalgh, S.A. 1-32523
- Moshier, D. *see* Colombant, D.G. 1-6972
- Moshier, D. *see* Ottinger, P.F. 1-38121
- Moshier, F.R. *see* Norton, C.C. 1-22490
- Moshier, J. *see* Soderblom, L. 1-36209
- Moshier, J.A. *see* Jepsen, P.L. 1-36193
- Moshier, R.A. *see* O'Reilly, J.M. 1-11849
- Moshev, V.V. Micromechanical features of highly-filled composites are most distinctly defined by mechanical heterogeneity 1-43426
- Moshinsky, M. *see* Flores, J. 1-27724
- Moshkin, B.E. *see* Ekomonov, A.P. 1-9400
- Moshkin, V.I. *see* Bugrov, V.Ya. 1-25799
- Moshnyaga, V.N., Sharamkin, V.I. Experimental investigation of electrovortical flow in a cylindrical vessel 1-19829
- Mosienko, L.G. *see* Movsesyan, A.Kh. 1-12709
- Mosin, A.A. *see* Grishin, Yu.M. 1-11466, 1-38174, 1-42144
- Mosin, G.A. *see* Grishin, Yu.M. 1-42238
- Mosina, N.V. *see* Geodzhazhev, V.O. 1-15427
- Mosinger, H. Investigation of blowdown problems with the computer code DRUX-2D 1-5902
- Mosinger, H. Numerical experiment on shock wave induced drop fragmentation 1-23795
- Moskalenko, A.G. *see* Belyavskii, V.I. 1-39359
- Moskalenko, N.I. *see* Kondrat'ev, E.Ya. 1-54244
- Moskalenko, N.I. *see* Kondrat'ev, K.Ya. 1-22708, 1-27406
- Moskalenko, N.I. *see* Kondratyev, K.Ya. 1-32639
- Moskalenko, N.I. *see* Zharkikh, Yu.S. 1-30772
- Moskalenko, S.A. *see* Belkin, S.N. 1-52499
- Moskalenko, S.A. *see* Khadzhii, P.I. 1-2885
- Moskalenko, V.A., Palistrant, M.E. The microscopic theory of spin waves in spin glass 1-52761
- Moskalenko, V.A., Startsev, V.I., Kovaleva, V.N. Low temperature peculiarities of plastic deformation in titanium and its alloys 1-43421
- Moskalenko, V.A. *see* Startsev, V.I. 1-55898
- Moskalenko, V.F. *see* Alekseev, A.N. 1-38883
- Moskalenko, V.N. *see* Malovitskiy, V.A. 1-4494
- Moskalev, V.A. *see* Vasil'ev, V.V. 1-18933
- Moskalev, V.V. *see* Nurgaliev, T.Kh. 1-43034
- Moskaleva, M.A. *see* Zhizhin, G.N. 1-26155
- Moskaleva, N.M. *see* Barantsev, R.G. 1-53042
- Moskalik, K.G. *see* Kozlov, A.P. 1-8906
- Moskalik, L.M. Tensometric accelerometers with overload protection 1-14113
- Moskalonov, A.V. *see* Grilli, E. 1-39143
- Moskalyev, A.K. *see* Aleksandrova, I.P. 1-12466
- Moskinov, V.A., Orlovskii, V.I. Influence of temperature on the speed and the results of contact diffusion processing 1-23356
- Mosko, S.W. *see* Ohnesorge, W.F. 1-14702
- Moskovchenko, L.V., Sol'nitsen, R.I. Stability and accuracy of a nonlinear gyrostatiliser with non-linear correction 1-44912
- Moskovets, T.A. *see* Bol'shakova, I.A. 1-50178
- Moskovich, J. *see* Betensky, E.I. 1-50251
- Moskovits, M., DiLella, D.P. Surface-enhanced Raman spectroscopy of benzene and benzene- d_6 adsorbed on silver 1-35022
- Moskovits, M., DiLella, D.P. Di-iron and nickel-iron [matrix isolation spectra] 1-37213
- Moskovits, M. *see* Abe, H. 1-45969
- Moskovits, M. *see* Cosse, C. 1-33466
- Moskovits, M. *see* DiLella, D.P. 1-25553
- Moskowitz, G.D. *see* Sivieri, E.M. 1-35927
- Moskowitz, J.W., Topiol, S., Snyder, L.C., Ratner, M.A. Scaled single-zeta basis set for use with a silicon effective potential: generalized valence bond description of disilane 1-51133
- Moskowitz, J.W. *see* Basch, H. 1-24305
- Moskowitz, P.E. *see* Lapotovich, W.P. 1-29074
- Moskvich, Yu.N. *see* Sukhovskii, A.A. 1-2557
- Moskvichev, A.N. *see* Al'imyan, V.A. 1-39464
- Moskvichev, V.V. *see* Makhutov, N.A. 1-35478
- Moskvina, A.S. *see* Kadomtseva, A.M. 1-52768
- Moskvina, L.N., Miroshnikov, V.S., Mel'nikov, V.A., Chetverikov, V.V. Removal of radiodine from gases with a system of block-selective sorbents 1-28712
- Moskvina, N.A. *see* Sokolov, V.I. 1-21174
- Moskvitin, V.V. *see* Kolokol'chikov, V.V. 1-42451
- Moss, A. *see* Gould, R.G. 1-53886
- Moss, C.E., Nixon, K.V., Bernard, W. Scintillator spent fuel monitor 1-18753
- Moss, C.M. *see* Ritchie, R.O. 1-43515
- Moss, D. On dynamos in the cores of magnetic stars 1-32703
- Moss, D. Differential rotation in magnetic stars 1-44571
- Moss, D. *see* Blundell, T. 1-53752
- Moss, D.G. *see* Blaney, T.G. 1-36722
- Moss, D.J. *see* Bascastow, R.B. 1-54207
- Moss, F. Fast bolometer amplifiers using tunnel diodes 1-14180
- Moss, G., Coppens, P. Space partitioning and the effects of molecular proximity on electrostatic moments of the crystalline formamide molecule 1-7154
- Moss, H.I. *see* Duffy, M.T. 1-3604
- Moss, L. *see* de Boer, W. 1-14744
- Moss, R.E. *see* Morrison, J.D. 1-18998
- Moss, R.L., Rogers, T.G., Spencer, A.J.M. Axially symmetric deformations of fibre-reinforced cylinders 1-29549
- Moss, R.W. *see* Patten, J.W. 1-12004, 1-31631
- Moss, S.C., Zabel, H. Lattice gas disorder in alkali-graphite intercalates and other 2D systems 1-2289
- Moss, S.C. *see* Grasse, D. 1-42431
- Moss, S.H. *see* Jo, H.S.U. 1-30173
- Moss, S.H., Smith, C.K. Cerenkov ultraviolet radiation (^{137}Cs γ -rays) and direct excitation (^{137}Cs γ -rays and 50 kVp X-rays) produce photoreactive damage in *Escherichia coli* 1-17458
- Moss, T.H. *see* Maltempo, M.M. 1-1423
- Moss, T.S. Theory of intensity dependence of refractive index 1-12470
- Moss, W.D., Baker, S. Re-circulating flows associated with two-dimensional steps 1-19737
- Mossavar-Rahmani, B. Iran's nuclear power programme revisited 1-13108
- Mossbauer, R.L. *see* Boehm, F. 1-18466
- Mossberg, B. *see* Makhdisi, Y. 1-14411
- Mossberg, T.W., Hartmann, S.R. Diagrammatic representation of photon echoes and other laser-induced ordering processes in gases 1-51567
- Mossberg, T.W., Whittaker, E., Kachru, R., Hartmann, S.R. Noble-gas-induced collisional broadening of the $3P_{1/2}-3P_{3/2}$ transition of sodium measured by the triple-echo technique 1-14983
- Mossberg, T.W. *see* Kachru, R. 1-14982
- Mostafa, M.A. *see* Fowkes, F.M. 1-30522
- Mostardi, R.F. *see* Greene, H.L. 1-53813
- Mosteller, R.D., Eich, W.J., Borland, R.S. A macroscopic depletion model for PDO-7/HARMONY with automated BWR applications 1-45574
- Mostitskii, A.V. *see* Tsyaturyants, A.B. 1-2600
- Mostoller, M. *see* Nicklow, R.M. 1-2582, 1-11820
- Mostovoi, G.E., Rabotnov, Yu.N., Kobets, L.P., Frolov, V.I. Relaxation of stresses in a carbon fiber at elevated temperatures 1-48407
- Mostovoi, V.M., Revenko, Yu.F., Svistunov, V.M. Electron-phonon interaction in indium-magnesium alloys with a structural phase transition 1-42495
- Mostovoi, V.M. *see* Revenko, Yu.F. 1-47803
- Mostow, M.A. The field copy problem: to what extent do curvature (gauge field) and its covariant derivatives determine connection (gauge potential)? 1-23405
- Mostowski, J., Raymer, M.G. The buildup of stimulated Raman scattering from spontaneous Raman scattering 1-46450
- Mosulishvili, L.M., Kuchava, N.E. Some aspects of the use of low-temperature radiation in neutron-activation analysis of biological materials 1-32209
- Mosunov, A.S., Shelyakin, L.B., Yurasova, V.E., Ciric, D., Perovic, B., Terzic, I. Computer simulation of ion scattering by polycrystals 1-53036
- Moszynski, M., Gresset, C., Vacher, J., Odrin, R. Properties of CsF, a fast inorganic scintillator in energy and time spectroscopy 1-28805
- Moszynski, M. *see* Jastrzebski, J. 1-23540
- Mota, R. *see* Cuden, C.B. 1-43120
- Motakabbir, K.A., Grinnall, G. Thermal conductivity minimum of metals 1-42742
- Motamedi, M.E. *see* Chen, P. 1-44911
- Motteff, J. *see* Foulds, J.R. 1-12805
- Motegi, H., Mishima, N., Nagai, N., Nakamura, E. Effect of growth temperature on defect formation in and dielectric properties of $Ca_2Sr(Cr_2Hf_2)CO_3$ 1-12462

- Motida, K.** Relation between elastic modulus C_{44} and covalency in NaCl type alkali halides 1-38430
- Motiu, A., Nestianu, T., Romanescu, D.** Relations between the physical properties and the mineralogical composition of meteorites from Romania and comparison with meteorites from other countries 1-44516
- Motizuki, K.** see Takaoka, Y. 1-25385
- Motizuki, K.** see Takeuchi, H. 1-12286
- Motizuki, K.** see Yoshida, Y. 1-7517
- Motijabi, A.** see Caltagirone, J.-P. 1-1971
- Motley, F.E., Morita, T.** Coupled nuclear-thermal hydraulic code for prediction of core behavior during steam line break transient 1-10457
- Motley, R.W.** Vortex formation during radio frequency heating of plasma 1-11574
- Motley, R.W., Bernabei, S., Hooke, W.M., Paoloni, F.J.** Phase waveguide array with fixed tuning elements 1-11542
- Moto-oka, N.** see Yokota, M. 1-11959
- Motec, C., Honeicu, M., Cuculescu, I.** On some techniques employed for liquid crystals characterization 1-34219
- Motoda, H.** see Uchikawa, S. 1-45636
- Motoda, H.** see Yokomizo, O. 1-14668
- Motohashi, H.** see Furuta, T. 1-26665
- Motojima, S., Sugiyama, K.** Chemical vapour growth of CrB₂ and CrB crystals 1-53068
- Motojima, S.** see Takahashi, Y. 1-3629
- Motojima, T., Shun-ichi Ikawa, Kimura, M.** Infrared intensities of the fundamental vibrations of liquid H₂O 1-19094
- Motokawa, M.** see Sanders, R.W. 1-43018
- Motoki, M.** see Yukimura, K. 1-15722
- Motooka, T., Watanabe, K.** Damage profile determination of ion-implanted Si layers by ellipsometry 1-2478
- Motorin, V.I.** see Baikov, A.P. 1-15673
- Motornyi, V.V.** Numerical investigation into internal heat and mass-transfer in colloidal capillary-porous bodies accompanying convective drying 1-6751
- Motosugi, G., Kagawa, T.** Temperature dependence of the threshold current of AlGaAsSb/GaAs DH lasers 1-19336
- Motowidlo, L.** see Garosch, H. 1-15902
- Motoya, K., Nishi, M., Ito, Y.** Polarization analysis neutron scattering of anomalous paramagnetic FeSi 1-12259
- Motoyama, K.** see Takigawa, T. 1-26354
- Motrenko, E.** see Makarios, S.H. 1-49311
- Motschmann, H.** see Koppin, H. 1-34151
- Motschmann, U.** see Hermann, J. 1-33472
- Motusks, E.B.** see Gaidyalis, V.I. 1-23358
- Mott, N.** Electrons in crystalline and non-crystalline metals: from Hume-Rothery to the present day 1-30650
- Mott, N.F.** Materials with mixed valency that show a Verwey transition 1-12032
- Mott, N.F.** States in the gap in non-crystalline semiconductors 1-16221
- Mott, N.F.** Liquid and amorphous metals 1-25688
- Mott, N.F.** Metal-insulator transitions at high pressures 1-30634
- Mott, N.F.** Metal-insulator transition in Ti₂O₃ 1-52488
- Mott, N.F., Davies, J.H.** Metal-insulator transition in doped semiconductors 1-47477
- Mott, N.F.** see Kaveh, M. 1-52462, 1-52506
- Motta, S.** see Anile, A.M. 1-13891
- Mottelson, B.R.** see Bohr, A. 1-10308, 1-10336, 1-50503
- Mottet, S.** Solar cells modelisation for generator computer aided design and irradiation degradation 1-39800
- Mottoia, E.** see Hasslacher, B. 1-5212, 1-44832
- Mottoni, P.** De see De Mottoni, P.
- Mottram, D.A.J.** see Jones, B.F. 1-38193
- Motylinskii, I.P.** see Morokin, V.I. 1-15527
- Motz, G.** see Deiters, K. 1-51044
- Motz, J.W., Danos, M.** Toward safer medical X-ray exams 1-32261
- Motz, J.W.** see Dick, C.E. 1-40914
- Motz, M.** see Bastin, A. (translator) 1-44733
- Mouchet, M., Ilvovskiy, S.A., Chevalier, C.** Optical spectroscopy of Centaurus X-3 1-13883
- Mouchet, P.-A.** Biogas as an energy source 1-13178
- Mouchka, L.** see Janik, R. 1-23960
- Mouel, J.-L.** Le see Le Mouel, J.-L.
- Mouel, J.L.** Le see Le Mouel, J.L.
- Mouellic, B.** see Bozzo, M. 1-23961
- Mougeot, A.** see Adam, M. 1-23909
- Mougey, J.** see Barreau, P. 1-28471
- Mougey, J.** see Bernheim, M. 1-45495
- Mougey, J.** see Jans, E. 1-28470
- Mouginis-Mark, P.J., Wilson, L.** MERC: a FORTRAN IV program for the production of topographic data for the planet Mercury 1-49529
- Mouginis-Mark, P.J.** see Zisk, S.H. 1-13719
- Mould, J., Aaronson, M.** The extended giant branches of intermediate age globular clusters in the Magellanic Clouds 1-9586
- Mould, J.** see Aaronson, M. 1-22792
- Mould, J.** see Persson, S.E. 1-22877
- Mould, J.R.** Medium resolution spectroscopy at 1-2 microns 1-49630
- Moule, D.C.** see Clouthier, D.J. 1-14864
- Moulin, G., Aucouturier, M., Lacombe, P.** Interactions between sulphur and microstructural defects in a Ni-16 wt% Cr-7 wt% Fe alloy and microsulphide nucleation 1-30272
- Moulin, G.** see Larere, A. 1-3747
- Moulin, M.** see Henry, Y. 1-52115
- Mousley, T.J., Cole, R.S.** The evaluation of acoustic sounder returns from a methane plume 1-21949
- Mousley, T.J., Cole, R.S.** A general radar equation for the bistatic acoustic sounder 1-49318
- Mousley, T.J.** see Caughey, S.J. 1-17706
- Mousley, T.J.** see Cole, R.S. 1-17705
- Moulton, P.F.** see Patterson, C.W. 1-41411
- Moulton, T.A.** see Rosenberry, T.L. 1-53944
- Moulton, W.G.** see Cadwell, L.H. 1-52566
- Mount, G.H., Rottman, G.J., Timothy, J.G.** The solar spectral irradiance 1200-2550 Å at solar maximum 1-4843
- Mount, R.P.** see Altkofer, O.C. 1-45773
- Mount, R.P.** see Aubert, J.J. 1-5630
- Mountain, D.C.** Changes in endolymphatic potential and crossed olivocochlear bundle stimulation alter cochlear mechanics 1-49015
- Mountain, R.D.** Effective pair potentials from structure factors 1-30044
- Mountain, R.D.** see MacDonald, R.A. 1-16060
- Mountain, R.W.** see Geis, M.W. 1-7485
- Mounffort, P.J.** see Baart, E.E. 1-27568
- Mourao, R.R.** de Freitas see de Freitas Mourao, R.R.
- Mourier, G.** Gyrotron tubes—a theoretical study 1-24380
- Mourier, G.** Microwave power for thermonuclear fusion machines 1-34093
- Mourikis, A.** see Dimarogonas, A.D. 1-8677
- Mouritsen, O.G., Kjaersgaard Hansen, E., Knak Jensen, S.J.** General correlation function series: phase diagram of the anisotropic Heisenberg antiferromagnet in a field 1-12233
- Mouritsen, O.G., Knak Jensen, S.J.** Nuclear antiferromagnetic susceptibilities of systems with two spin species 1-3129
- Mouritsen, O.G., Knak Jensen, S.J.** Phase diagram of a uniaxially stressed cubic antiferromagnet 1-12293
- Mouritsen, O.G., Knak Jensen, S.J.** Multilayered spin structures in systems with truncated secular dipolar interaction 1-42948
- Mouritsen, O.G., Knak Jensen, S.J., Frank, B.** First-order phase transitions of Ising models with multipin interactions 1-38947
- Mourou, G.** see Harvey, G.T. 1-46411, 1-51531
- Mourou, G.** see Stavola, M. 1-8635, 1-12141
- Moussa, M.M., Abdelfattah, F.M., Sakr, I.A.** Double exposure solar still 1-17292
- Mousnitskas, I.** see Metayer, M. 1-48732
- Moussa, F.** see Benattar, J.J. 1-25157, 1-38264
- Moussa, M.I., Pentchev, P.R., Gancheva, T.S., Dinev, P.D.** Polymeric thermoelectrets and a device for their production 1-12448
- Musset, C., Desoyer, J.C.** Deformation at high temperature of monocrystalline silicon. Study of the first stages 1-26567
- Moussin, C.** see Mers, H. 1-30307
- Moustafa, S.** see Schmidt, G. 1-26819
- Moustakas, T.D.** Photogeneration, optical absorption and transport in hydrogenated sputtered amorphous silicon 1-7665
- Mouton, H., Couanon, J.C., Roiland, M.** Convection in open and closed vertical rectangular channels in thermal interaction with an ambient medium 1-37767
- Moutonnet, D.** see Monerie, M. 1-11135
- Mouttran, B., Beagley, B., Cruickshank, D.W.J., Foord, A., Pritchard, R.G.** The design of a device for oscillating or rotating photographic plates during microdensitometry of gas-phase electron diffraction patterns 1-362
- Moutsoglu, A., Chen, T.S.** Buoyancy effects in boundary layers on inclined, continuous, moving sheets 1-24806
- Moutsoulas, M., Preka, P.** Morphological characteristics of lunar craters with small depth/diameter ratio. II 1-22703
- Moutte, J.** see Prinzhofer, A. 1-32413
- Mouttet, C.** see Cros, A. 1-30575
- Mouvier, G.** see Bachiri, M. 1-29143
- Mouzourakis, P.** see Diakonou, M. 1-10256
- Mouzourakis, P.** see Kourkoumelis, C. 1-5665, 1-50474
- Movaghar, B.** On the theory of diffusion limited recombination and relaxation in amorphous systems 1-198
- Movaghar, B., Sauer, G.W.** Diffusion and trapping of excitations in disordered systems 1-199
- Movaghar, B., Sauer, G.W.** Theory of hopping conduction in disordered systems: application to the magnetoresistance in impurity conduction 1-7617
- Movaghar, B., Schirmacher, W.** On the theory of hopping conductivity in disordered systems 1-42732
- Movchan, B.A., Molodkina, T.A., Ovsienko, D.E., Maslov, V.V.** Structure of solidified Ni-Si alloy as dependent on supercooling 1-319
- Movchan, B.A.** see Bunshah, R.F. 1-16721
- Movchan, M.B.** The direct substructure observation in NaNO₃ crystallization 1-21439
- Movchan, V.I., Voronkina, L.A., Pedan, L.G., Vukelich, S.B., Kalinushkin, E.P.** Investigation of the morphology of cellular structures in case-hardened high-speed steel with scanning electron microscope 1-8499
- Movre, M.** see Veza, D. 1-6188
- Movsesyan, K.M.** see Makarian, A.H. 1-15222
- Movsesyan, A.Kh., Sorokin, I.N., Freidenberg, A.S., Mosienko, L.G.** Grain composition of chamotte filler in alumina cements for gunning masses 1-12709
- Movsesyan, M.E., Efthimiopoulos, T.** Optically induced magnetization of alkali vapors using nonresonant laser radiation 1-11508
- Movsisyan, L.M.** The electromagnetic field induced by a point charge in flight between two parallel plates 1-1436
- Movsumov, E.M.** see Amiraslanov, I.R. 1-25253, 1-42356, 1-42357
- Mowat, J.R.** see Tanis, J.A. 1-14997, 1-24236
- Mower, L.** Projection-operator approach to perturbation theory 1-110
- Moxim, W.J., Mahlman, J.D.** Evaluation of various total ozone sampling networks using the GFDL 3-D tracer model 1-13534
- Moxon, D.** see Woods, W.J. 1-821
- Moy, F.H., Kamal, M.R.** Crystalline and amorphous orientations in injection molded polyethylene 1-43366
- Moy, J.P.** see Rebul, J.P. 1-23308
- Moy, K.** see Kaminsky, M. 1-21321
- Moy, M.** see Ablock, H. 1-39719
- Moy, P., Karasz, F.E.** Epoxy-water interactions 1-52427
- Moya de Guerra, E.** Theoretical remarks for the analysis of electron scattering experiments on rotational nuclei 1-18643
- Moyer, A.L., Kowel, S.T., Kornreich, P.G.** Experimental image alignment system 1-46584
- Moyer, C.A., Arais, S., Eroglu, A.** Electrical resistivity and antiferromagnetism of chromium-palladium alloys between 77 and 700K 1-7583
- Moyer, C.A.** see Arais, S. 1-25697
- Moyer, C.A.** see Caton, R. 1-2335
- Moyer, J.W.** Future energy sources for electric utilities 1-53522
- Moyer, R., Agmon, P., Koch, T.L., Yariv, A.** Ultrafast magnetophotocoactionality of semisulating gallium arsenide 1-52608
- Moyer, R.A., Finlay, R.W., Crawley, G.M.** Energy dependence in proton inelastic scattering 1-41045
- Moyer, T.D.** Transformation from proper time on Earth to coordinate time in Solar System barycentric space-time frame of reference. I 1-40311
- Moyer, T.D.** Transformation from proper time on Earth to coordinate time in Solar System barycentric space-time frame of reference. II 1-40312
- Moyer, V., Horvath, N., Thompson, A.H.** The College Station, Texas, halo complex of 22 March 1979 1-22484
- Moyers, J.L.** see Dawson, G.A. 1-17653
- Moyers, J.L.** see Peterson, T.W. 1-53728
- Moyault, J.M., Bachel, G., Ocellari, R., Coulon, R.** Experimental measurements of the shape and the parameters of the spectral line J=0-1 of HF perturbed by argon and CO₂ 1-24193
- Moyault, J.M.** see Ocellari, R. 1-10786
- Moyault, J.-M., Bachel, G., Ocellari, R., Coulon, R.** Experimental measurements of the shape and the parameters of the spectral line J=0-1 of HF perturbed by argon with CO₂ 1-51245
- Moyzhan, C.T., Saad, N.S., Tran, D.C., Leskar, A.V.** Mixed-alkali effect in the dilute foreign-alkali region. Failure of the strong electrolyte/cationic interaction model 1-2676
- Moyzhan, C.T.** see Boulos, E.N. 1-25171
- Moyzhan, C.T.** see Drexhage, M.G. 1-19396
- Moyzhan, T.** see Dochat, G. 1-53653
- Moyzhan, M.** see Altkofer, O.C. 1-45773
- Moze, O., Hicks, T.J., McLaren, A.C.** Determination of the hydrogen content of synthetic quartz by neutron polarization analysis 1-13057
- Mozar, A.** see Bertalot, L. 1-15648
- Mozar, A.** see Herold, H. 1-45072
- Mozar, F.S.** On the lowest altitude S-33 observations of electrostatic shocks and parallel electric fields 1-40269
- Mozar, F.S., Cattell, C.A., Hudson, M.K., Lysak, R.L., Terner, M., Torbert, R.B.** Satellite measurements and theories of low altitude auroral particle acceleration 1-13626
- Mozes, G.** see Magyar, M. 1-801
- Mozeto, A.A.** see Reardon, E.J. 1-49294
- Mozhaev, A.P.** see Kuznetsova, M.A. 1-35206, 1-35207
- Mozhaev, V.G., Solodov, I.Yu.** Second-harmonic generation of acoustic surface waves in a layered piezoelectric insulator-semiconductor structure 1-19493
- Mozharovskii, A.M.** see Blazhenkov, V.V. 1-42141

- Mozharovskii, N.S., Bobyr, N.I. Endurance and ductility of material with cyclic loading along different paths in relation to loading history 1-12821
- Mozharovskii, N.S. *see* Bobyr, N.I. 1-39385
- Mozley, R. *see* Haber, B. 1-14433
- Mozol', P.E., Patskun, I.I., Sal'kov, E.A., Korets, N.S., Fekeshgazi, I.V. Influence of the type of polarization on the nonlinear absorption of light in cadmium diphosphide 1-19381
- Mozol', P.E. *see* Sal'kov, E.A. 1-21250
- Mozymas, J. The structure of the vibration representations of a crystal lattice 1-42478
- Mozumder, A. *see* Arya, N.S. 1-33205
- Mozumder, A. *see* Kumar, V. 1-33207
- Mozumder, A. *see* Sengupta, P.K. 1-45365
- Mozumder, A. *see* Singh, S. 1-28797
- Mpawenayo, P. *see* Kalos, F. 1-21924
- Mracek, F. Mathematical apparatus for solving tetrahedral reflectors with curved walls 1-15245
- Mracek, F. *see* Eigl, J. 1-14192, 1-15258
- Mrafko, P. Homogeneous and isotropic hard sphere model of amorphous metals 1-25167
- Mrafko, P. *see* Duhaj, P. 1-15803
- Mráz, G.J. *see* Nisbett, E.G. 1-28009
- Mrha, J. *see* Marek, J. 1-53574
- Mrkos, J., Zdarak, J. Life prediction of pipe components 1-34413
- Mroczkowski, S. Needs and opportunities in crystal growth 1-13960
- Mross, R., Weinberger, R., Hartl, H. Radio observations of planetary nebulae at 6 cm 1-36377
- Mrowec, S. *see* Danielewski, M. 1-7382
- Mrowec, S. *see* Molenda, J. 1-7620
- Mroz, E., Pawluczky, R. An improvement of the holographic imaging quality by the method of noncoherent superposition of images 1-19289
- Mroz, J., Poprawski, R., Czaplá, Z. Examination of isotopic effect in ammonium hydrogen selenate by the pyroelectric method 1-48011
- Mroz, S. Sulphur appearance on the (110) Ni face induced by electron bombardment 1-38633
- Mrozek, J., Smith, V.H., Jr., Salahub, D.R., Ros, P., Rozendaal, A. Electron density in Si₂ and Cl₂ 1-19029
- Mroziewicz, B. *see* Kaniewski, J. 1-43189
- Mrozowski, J. A new Joule integral meter 1-40781
- Mruzik, M.R., Garofalini, S.H., Pound, G.M. The melting of a monatomic amorphous surface: A molecular dynamics study 1-52406
- Mrygon, B., Wojtczak, L. Magnetic equation of state for thin films 1-30991
- Mshana, J. *see* Krausz, A.S. 1-37845
- Mshelia, E.D., Hahn, D., Scheid, W. Energy dissipation in a model of coupled oscillators 1-44782
- Mshetsyan, A.L. *see* Bezirganyan, P.A. 1-7129
- Msiika, R. *see* Bienvenue, E. 1-48717
- Mstibovskaya, L.E. *see* Brytov, I.A. 1-26312
- Mtingwa, K.K., Ozer, M. Color production in the Pati-Salam model 1-45300
- Mu Shik Jhon *see* Ryong Ryoo 1-20489
- Mu-King Tsay, Ting-I. Wang, Lawrence, R.S., Ochs, G.R., Fritz, R.B. Wind velocity and convergence measurements at the Boulder Atmospheric Observatory using path-averaged optical wind sensors 1-44262
- Mubeen, A. Influence of crack length and specimen thickness on fracture toughness 1-31598
- Muccielli, F. *see* Boiziau, C. 1-39207
- Mucciardi, A.N. Data processing for inservice UT inspection 1-50845
- Mucciardi, A.N. *see* Cleveland, D. 1-48593
- Muchin, G.G. *see* Savitzkij, E.M. 1-43382
- Muck, B. *see* Petrov, D.V. 1-24645
- Muckenheim, W. *see* Schumacher, M. 1-10378
- Muckerman, J.T. *see* Isaacson, A.D. 1-1143
- Muecklich, A., Matthies, S., Hennig, K. Investigations of fibre textures in connection to the ghost phenomenon 1-31487
- Mucklow, P.A. Wear particle monitoring 1-12937
- Muda, Y. Theory of indirect exchange interaction between adatoms on the solid surface: H/W system 1-38649
- Muda, Y., Hanawa, T. Theory of ion neutralization near the surface 1-3558
- Mudryi, A.V. *see* Tkachev, V.D. 1-11776
- Muehlhauser, J.W. *see* Martin, J.F. 1-48878
- Muehlheiner, G., Colsher, J.G., Stoub, E.W. Correction for light nonuniformity in scintillation cameras through removal of spatial distortion 1-8982
- Mueller, A. *see* Ham, W.T., Jr. 1-35818
- Mueller, A.H. *see* Duncan, A. 1-14403
- Mueller, C., Dickerman, C.E., Rose, D., Nicholson, R.B. Experimental and theoretical bases for safety assessments of SAREF experiments 1-10478
- Mueller, C.J. *see* Dickerman, C.E. 1-14655
- Mueller, C.S. *see* Geller, R.J. 1-17566
- Mueller, D. *see* Meservey, E.B. 1-24992
- Mueller, D. *see* Owens, D.K. 1-25073
- Mueller, F.M. *see* Sommers, C.B. 1-20618
- Mueller, G.P., Guenzler, C.S. Simulations of cascade damage in silicon 1-34383
- Mueller, J.J. *see* Bebek, C. 1-33191
- Mueller, J.J. *see* Chadwick, K. 1-33192
- Mueller, J.L. *see* Gordon, H.R. 1-54144
- Mueller, J.L. *see* Hovis, W.A. 1-54282
- Mueller, M.H., Shaked, H., Vogt, O. A search for internal distortion in CeBi 1-29970
- Mueller, M.H. *see* Clarke, R. 1-34241
- Mueller, M.H. *see* Jorgenson, J.D. 1-30005
- Mueller, M.M. *see* Hauer, A. 1-7005
- Mueller, P. *see* Chance, B. 1-8826
- Mueller, P.F., Caulfield, H.J. Photographic dynamic range compression 1-33066
- Mueller, R., Agyeman, K., Tsuci, C.C. Negative-temperature coefficients of electrical resistivity in amorphous La-based alloys 1-7579
- Mueller, R.K. Diffraction topography. I. The wave-equation 1-6702
- Mueller, R.M., Buchal, Chr., Folle, H.R., Kubota, M., Pobell, F. A double-stage nuclear demagnetization refrigerator 1-14120
- Mueller, R.M. *see* Kubota, M. 1-25959
- Mueller, St. *see* Ansojge, J. 1-4464
- Mueller, T.J. *see* Arena, A.V. 1-15471
- Mueller, V.C. Nickel-hydrogen battery integration study for the Multimission Modular Spacecraft 1-53599
- Mueller-Preussker, M. *see* Ilgenfritz, E.-M. 1-50319
- Mueller-Westerhoff, U.T. *see* Cox, R.J. 1-46472
- Muench, E., Richter, B., Stein, G. Implications of multinational arrangements for nuclear fuel cycle facilities 1-18750
- Muench, R.D. *see* Reed, R.K. 1-27169
- Muenter, J.S. *see* De Leon, R.L. 1-24190
- Muenter, J.S. *see* DeLeon, R.L. 1-1212, 1-46001
- Muenter, J.S. *see* Marshall, M.D. 1-24119
- Muenter, J.S. *see* Miller, D.J. 1-24188
- Muetterties, E.L. Metallic masses [molecular clusters] 1-51332
- Mufa Chen *see* Chen Mufa
- Mufson, S.L., Wisniewski, W.Z., Wood, K., McNutt, D.P., Yentis, D.J., Meekins, J.F., Byram, E.T., Chubb, T.A., Friedman, H. The continuous spectrum of Markarian 421 during periods of X-ray satellite observations 1-36381
- Mufti, A.A. *see* Qadir, A. 1-27837
- Mugele, T., Graf, V., Wolfel, W., Noack, F. Investigation of molecular motion in smectic phases of the liquid crystal TBBA by NMR relaxation dispersion 1-7080
- Mugenski, E., Damm, J.Z. Low-temperature optical properties of impurity aggregates in Pb²⁺-doped KCl crystals 1-16589
- Mugge, M. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Muggenburg, B.A. *see* Mauderly, J.L. 1-43919
- Muggianu, Y.M. *see* Fornaris, M. 1-21761
- Muggli, J. *see* Helsper, C. 1-48750
- Mughrabi, B., Ellis, P.J. g-shell admixtures and the ¹⁹F(⁴He,d)²⁰Ne*(⁴+) reaction 1-18659
- Mughrabi, H. Microscopic mechanisms of metal fatigue 1-31661
- Mughrabi, H., Essmann, U. Annihilation of dislocations during glide at low temperatures 1-30227
- Mugnai, A., Wiscombe, W.J. Scattering of radiation by moderately nonspherical particles 1-22489
- Mugnai, A. *see* Kiehl, J.T. 1-6479
- Mugnai, A. *see* Wiscombe, W. 1-6480
- Mugnai, D., Ranfagni, A., Pila, O., Viliani, G., Montagna, M. Trap depth Ti³⁺-like phosphors: deduction of Jahn-Teller coupling constants 1-12076
- Mugnai, D. *see* Bacci, M. 1-8122
- Mugnozza, S. *see* Raschi, A. 1-4664
- Mugra, A. *see* Laisar, A. 1-43182
- Mugschi, E. *see* Pink, E. 1-31472
- Mugur-Schachter, M. *see* Hadjisavvas, N. 1-18058
- Muha, G.M. Exact solution of the NQR I=1 eigenvalue problem for an arbitrary asymmetry parameter and Zeeman field strength and orientation 1-10001
- Muhammed, M.S.A. *see* Grover, P.S. 1-6388
- Muheim, J.T. Resolution of individual electron orbits for solid state atoms by flux quantum analysis? Simple IIIB-compounds and phase transition of gadolinium (A₂A₃) 1-25196
- Muhlau, G., Both, R. Electromyography (EMG) in neuromuscular disease 1-22160
- Muhlbach, J., Recknagel, E., Sattler, K. Nucleation of Sb-microcrystals in an inert-gas atmosphere 1-26394
- Muhlberg, M. Investigations on the structural perfection of Bridgman-grown PbTe single crystals 1-20089
- Muhlberger, W. The calibration of measuring devices and components in communications 1-18191
- Muhleman, P. *see* Cleland, W.E. 1-23522, 1-45360
- Muhlemeister, B. *see* Parisi, J. 1-3117
- Muhlenbroich, H.P. The mode of operation of time interval measurement 1-32962
- Muhlhausen, C., Gordon, R.G. Electron-gas theory of ionic crystals, including many-body effects 1-47524
- Muhli, R. Von der *see* Von der Muhli, R.
- Muhli, R. Von der *see* Von der Muhli, R.
- Muhlocker, H. *see* Kostrzewa, S. 1-48790
- Mui, J.K. *see* Fu, K.S. 1-35861
- Muir, F. *see* Godfrey, R. 1-27259
- Muir, H. *see* Gouch, A.J. 1-39434
- Muir, M. *see* Markson, R. 1-4600
- Muir, M.S., Smart, C.A. Diurnal variations in the atmospheric electric field on the south polar ice-cap 1-49347
- Muir, T.G., Carstensen, E.L. Prediction of non-linear acoustic effects at biomedical frequencies and intensities 1-33845
- Muir, T.G. *see* Carstensen, E.L. 1-33846
- Muir, T.G. *see* Frey, H.G. 1-32567
- Muir, W.A. *see* Farrell, D.E. 1-8940
- Muirhead, E.G. *see* Allen, P.D. 1-28836
- Muirhead, H. *see* Bergier, A. 1-10275
- Muirhead, H. *see* Johnson, P. 1-5659
- Muirhead, K.J., Hales, A.L. Evidence for P wave velocity discontinuities at depths greater than 650 km in the mantle 1-32407
- Muirhead, K.J. *see* Hales, A.L. 1-22232, 1-27078
- Mujica, A. *see* Buitrago, J. 1-54418
- Mujumdar, A.S., Li, Y.-K., Douglas, W.J.M. Evaporation under an impinging jet: a numerical model 1-15523
- Mukai, J. *see* Yokoyama, T. 1-3795
- Mukai, K., Hizuka, K., Sawamura, K. On the wetting of solid iron by liquid tin 1-2777
- Mukai, K., Ishikawa, T. Surface tension measurements on liquid slags in CaO-SiO₂, CaO-Al₂O₃ and CaO-Al₂O₃-SiO₂ systems by a pendant drop method 1-47332
- Mukai, K. *see* Ito, M. 1-45692
- Mukai, S., Matsuzaki, M., Shimada, J. LPE growth and luminescence of In_{1-x}Ga_xP_{1-y}As_y on (1, 0, 0) GaAs with band-gap energy in the region of 1.569 eV ≤ E_g ≤ 1.893 eV 1-26396
- Mukai, S., Matsuzaki, M., Shimada, J. LPE growth of In_{1-x}Ga_xP_{1-y}As_y (x=0.01) on (1, 0, 0) GaAs substrates and its lattice constants and photoluminescence 1-48282
- Mukai, S., Mukai, T., Giese, R.H. Scattering of radiation by a large particle with a rough surface 1-6484
- Mukai, S. *see* Sato, S. 1-40368
- Mukai, T., Yamamoto, Y. Noise characteristics of semiconductor laser amplifiers 1-33682
- Mukai, T. *see* Mukai, S. 1-6484
- Mukai, T. *see* Sato, S. 1-40368
- Mukamel, D. *see* Domany, E. 1-5237
- Mukamel, D. *see* Shnidman, Y. 1-2764
- Mukamel, S. Theory of collisionless molecular multiphoton processes 1-33528
- Mukamel, S. Unified theory of collisional redistribution in near-resonance light scattering 1-33529
- Mukamel, S. Line broadening in a strong radiation field: application to electron-phonon systems 1-38732
- Mukamel, S., Smalley, R.E. Fluorescence of supercooled molecules as a probe for intramolecular vibrational redistribution rates 1-24182
- Mukashv, B.N. *see* Akhmetov, M.A. 1-2487
- Mukashv, B.N. *see* Vavilov, V.S. 1-30255
- Mukerjee, R.K. *see* Ghosh, B. 1-26240
- Mukerji, J., Nandi, A.K., Sharma, K.D. Reaction in container glass batch 1-39587
- Mukerji, J. *see* Biswas, S.K. 1-8607
- Mukerji, J. *see* Chakraborty, D. 1-31597
- Mukerji, J. *see* Sanyal, A.S. 1-20466
- Mukha, I.M. Diffusion bonding with the application of ultrasonic oscillations 1-35499
- Mukhamadzanov, M.A. *see* Askaryan, G.A. 1-41794
- Mukherjee, A., Askanazi, J., Rosenbaum, S.H., Foster, R.J., Kinney, J.M. Computer analysis of breathing patterns in acutely ill patients 1-17451
- Mukherjee, A., Bhattacharya, A. High-pressure silicate liquids data: retrieval of partial molar enthalpy and partial molar entropy of mixing, a test of the regular solution formulation, and comments on the P-T modelling of ascending magmas 1-4467
- Mukherjee, A., Roy, P. Colour-generated angular momentum with merons 1-18437
- Mukherjee, A.K., Padmanabham, K.P. Rainfall over Bombay associated with cyclonic storms striking Saurashtra coast 1-22435
- Mukherjee, A.K. *see* Arieli, A. 1-3854, 1-16855, 1-21516, 1-53245
- Mukherjee, A.K. *see* Arrowood, R. 1-12949
- Mukherjee, A.K. *see* Arrowood, R.M., Jr. 1-12833
- Mukherjee, A.K. *see* Rosen, A. 1-52221
- Mukherjee, A.K. *see* Takagaki, T. 1-21541
- Mukherjee, B., Vanderghas, M.L. Fatigue threshold stress intensity and life estimation of ASTM-A106B piping steel 1-31636
- Mukherjee, B.K. *see* Selvam, A.M. 1-49372
- Mukherjee, B.K. *see* Wiedrick, H.D. 1-16414
- Mukherjee, D., Sinha, M.P., Purohit, N.K., Mitra, A.K. Two phase heat transfer in horizontal tube with jet mixing 1-2063
- Mukherjee, D. *see* Prasad, M.D. 1-33378
- Mukherjee, G.K., Rajaram, R. Motion of charged particles in the magnetosphere 1-54323

- Mukherjee, J.K., Chatterjee, U.K. Cryogenic materials: A metallurgical approach 1-48351
- Mukherjee, J.K. *see* De Purkayastha, S. 1-42656
- Mukherjee, M.L., Sinha, R.K. Diffusion controlled high temperature glow peak in $\text{CaF}_2:\text{Pr}$ crystal 1-26287
- Mukherjee, M.L. *see* Acharya, B.S. 1-47284
- Mukherjee, N.G., Ray, P. Simplification of an earlier MCSCF procedure for CI expansions involving orbital excitations 1-14828
- Mukherjee, P.S. *see* Mitra, G.B. 1-47019
- Mukherjee, R.K. *see* Ghosh, B. 1-31190
- Mukherjee, S. The homogeneous and inhomogeneous equations of scattering 1-36531
- Mukherjee, S. Thermoviscoplastic response of cylindrical structures using a state variable theory 1-37816
- Mukherjee, S. Lippmann-Schwinger equation 1-45476
- Mukherjee, S., Morjaria, M. A boundary element formulation for planar time-dependent elastic deformation of plates with cutouts 1-19585
- Mukherjee, S., Sil, N.C. Ion-ion capture collisions in the continuum distorted-wave approximation 1-1345
- Mukherjee, S., Thomas, R.E., Haley, L.V., Koningsstein, J.A., Adar, F. Raman spectroscopy for evaluating laser annealed silicon layers 1-43132
- Mukherjee, S. *see* Datta, D.P. 1-492
- Mukherjee, S. *see* Morjaria, M. 1-19586
- Mukherjee, S.C. *see* Datta, S. 1-24216
- Mukherjee, S.D., Palmstron, C.J., Smith, J.G. The thermal stability of thin layer transition and refractory metallizations on GaAs 1-16209
- Mukherjee, S.G. *see* Prasad, R.C. 1-44931
- Mukherjee, S.G. *see* Som, S.K. 1-24860, 1-29747
- Mukherjee, S.K. *see* Sengupta, D. 1-25063
- Mukherjee, S.P. Sol-gel processes in glass science and technology 1-31410
- Mukherji, A., Rudra, P. Magnetic interaction of distributed non-classical dipoles 1-46194
- Mukhin, A.A. *see* Derkachenko, V.N. 1-25941
- Mukhin, A.I. *see* Agakishiev, G.N. 1-5651
- Mukhin, K.N., Patarakin, O.O., Sulkovskaya, M.M., Surkova, L.V., Sustavov, A.F. δ_0^2 -phase $\pi\pi$ -scattering in the region from the threshold to $M_{\pi\pi} = 1$ GeV 1-28348
- Mukhin, L.M. *see* Gel'man, B.G. 1-9399
- Mukhin, S.V. *see* Danilov, V.N. 1-33614
- Mukhin, S.V. *see* Zotov, N.P. 1-10163
- Mukhin, V.A. *see* Dzheilyadin, R.I. 1-23503, 1-45369
- Mukhin, V.A. *see* Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Mukhina, L.L., Razumovskaya, I.V., Proyanenkov, V., Chernyakova, T.G., Sobolev, E.V. Change in the deformation properties of the surface layer of glass after ion exchange 1-16163
- Mukhina, T.G. Cavitation flow over a plate with a source 1-19763
- Mukhina, T.I. *see* Kolyadin, A.I. 1-37566
- Mukhina, Z.N. *see* Alekseenko, M.F. 1-16886
- Mukho, S.B. *see* Gerbert, A.N. 1-37037
- Mukhomorov, V.K. Correlation effects in two-electron self-localized complexes in polar semiconductors 1-42719
- Mukhopadhyay, D. Hot-electron conduction in cadmium selenide 1-25737
- Mukhopadhyay, D., Dey, S. Efficiency of second harmonic generation under hot-electron condition in ZnO at 77K 1-30752
- Mukhopadhyay, K. *see* Saha, H. 1-35652
- Mukhopadhyay, N.C. *see* Horioka, Y. 1-5773
- Mukhopadhyay, N.C. *see* Junker, K. 1-50511
- Mukhopadhyay, P. A model-independent explanation for the suppressed production of the charmed particles F^* and Σ_c 1-28237
- Mukhopadhyay, P. *see* Saha, S. 1-23473
- Mukhopadhyay, S., Mitra, T.K. A non-perturbative approach to the bound polaron. III 1-42703
- Mukhopadhyay, S.N. A concept in the design of reactor vessels 1-50714
- Mukhopadhyay, V. A low cost tilting blade vertical axis windmill for rural irrigation 1-21840
- Mukhopadhyaya, K. *see* Saha, H. 1-42576
- Mukhtar, E.S., Griffiths, I.W., Harris, F.M., Beynon, J.H. Photodissociation of mass-selected ions investigated using a ZAB-2F spectrometer 1-43682
- Mukhtar, E.S. *see* Harris, F.M. 1-36767
- Mukhtarov, A.I. *see* Dzhevadov, A.V. 1-23643, 1-23644
- Mukhtarov, Ch.K. Integral dispersion relations for the real part of the polarizability, the refractive index, and magneto-optical characteristics 1-3323
- Mukhtarova, N.N., Kalinin, V.R., Rastsvetaeva, R.K., Ilyukhin, V.V., Belov, N.V. Crystal structure of gorceyite $\text{K}_2\text{Ca}_2(\text{SO}_4)_4\cdot\text{H}_2\text{O}$ 1-30190
- Mukimov, K.M. *see* Valiev, U.V. 1-52924
- Mukku, C. *see* Hojman, R. 1-9903
- Mukoed, A.P. Variant of improved shell theory 1-24685
- Mukoyama, T. Electronic wave functions for helium-like atoms 1-14824
- Mukoyama, T. Effect of electronic correlation on atomic excitation probability accompanying β decay [of helium isoelectronic sequence] 1-14825
- Mukoyama, T. A non-iterative method for fitting two-component decay curves 1-28419
- Mukoyama, T., Katano, R. Gravitational effect on internal conversion [and calculation for ^{99m}Tc] 1-14495
- Mukoyama, T., Mazaki, H., Kakiuchi, S., Matsui, M. Estimation of chemical effect on the decay rate of ^{99m}Tc 1-45460
- Mukoyama, T., Sarkadi, L. Plane-wave Born-approximation calculations of K- and L-shell ionization by heavy charged particles 1-13942
- Mukoyama, T., Sarkadi, L. A computer code for K- and L-shell ionization cross sections in the plane-wave Born approximation 1-14991
- Mukoyama, T., Sarkadi, L. Electronic relativistic effects on K-shell ionization by low-energy protons 1-24237
- Mukoyama, T., Sarkadi, L. K-shell ionization by protons and alpha particles 1-46094
- Mukoyama, T. *see* Sarkadi, L. 1-19165
- Mukoyama, T. *see* Watanabe, Y. 1-8204, 1-41076
- Mukoyama, Y. *see* Nagata, T. 1-33553
- Mukunda, N., Sudarshan, E.C.G., Sharma, J.K., Mehta, C.L. Representations and properties of para-Bose oscillator operators. I. Energy, position and momentum eigenstates 1-162
- Mukunda, N., van Dam, H., Biedenharn, L.C. Composite systems viewed as relativistic quantal rotators: vectorial and spinorial models 1-14344
- Mulac, A.J. *see* Miller, G.H. 1-19099
- Mulak, J. Crystal field effects in some ionic uranium compounds 1-20687
- Mulargia, F. *see* Bonafede, M. 1-4456, 1-49426
- Mulay, L.N. *see* Lo, C. 1-21347
- Mulazzi, E. Resonant Raman scattering from f center in Cs halides 1-3403
- Mulcahy, D.C.A. *see* Corish, J. 1-30452
- Mulcahy, T.M., Miskevics, A.J. Determination of velocity-squared fluid damping by resonant structural testing 1-19612
- Mulcahy, T.M. *see* Chung, H. 1-41167
- Muldakhmetov, Z.M. *see* Irgibaeva, I.S. 1-41433
- Mulder, A.L., Drijver, J.W., Radelaar, S. Creep and isofunctional flow of Metglas 2826A 1-35321
- Mulder, B.J., Van Heusden, S. Mechanism of the darkening of soda-lime glass by a low-pressure mercury vapour discharge 1-53425
- Mulder, B.J. *see* van Heusden, S. 1-29932
- Mulder, C.A.M., van Duynveldt, A.J., Mydosh, J.A. Susceptibility of the CuMn spin-glass: Frequency and field dependence 1-42976
- Mulder, D.W. *see* Dworking, J.P. 1-49017
- Mulder, F., Thomas, G.F., Meath, W.J. A critical study of some methods for evaluating the C_6 , C_8 and C_{10} isotropic dispersion energy coefficients using the first row hydrides, CO , CO_2 and N_2O as models 1-10622
- Mulder, F. *see* Thomas, G.F. 1-29073
- Muldoo, M.E. *see* Ahmed, S. 1-13993
- Muldoo, W.J. *see* Gates, M.T. 1-48852
- Muldrw, D.H. *see* Wasylshen, R.E. 1-41329
- Mulei, M. *see* Goncharova, N.G. 1-50566
- Mulford, R.A., Briant, C.L., Rowe, R.G. Interpretation of grain boundary segregation phenomena in Fe and Ni alloys, using high-resolution scanning Auger spectroscopy 1-21453
- Mulhail, B.D. *see* Fanselow, J.L. 1-49195
- Mulholland, D. How high the Moon: a decade of laser ranging 1-32637
- Mulholland, G.W., Liu, B.Y.H. Response of smoke detectors to monodisperse aerosols 1-17334
- Mulholland, J.D. Scientific achievements from ten years of lunar laser ranging 1-36198
- Mulholland, J.D. Is lunar ranging a viable component in a next-generation Earth rotation service? 1-49198
- Mulholland, M. Simulation of tracer experiments using a numerical model for point sources in a sheared atmosphere 1-53721
- Mulharchick, T.M. *see* Sauvaud, J.A. 1-17739
- Mulier, J.C. *see* Martens, M. 1-17426
- Mull, H., Hohne, R., Wurlitzer, M. Induced magnetic anisotropy in Ni-Fe and Ti-Ni-Fe ferrites at low temperatures 1-25928
- Mulla, M.R., Pawar, S.H. Temperature dependence of magnetic susceptibility of $\text{CaSO}_4:\text{Dy}$ phosphors 1-30906
- Mulla, M.R., Pawar, S.H. X-ray fluorescence and phosphorescence of $\text{CaSO}_4:\text{Dy}$ phosphors 1-39134
- Mullagulov, M.Kh. New approximate method for the calculation of straight rods of constant and stepwise-variable cross sections for stability in the case of a complex combination of loads 1-18023
- Mullan, D.J. *see* Steinolfson, R.S. 1-49589
- Mullaney, D. *see* Knutson, D.S. 1-6011
- Mullaney, P.F., Achatz, M., Seger, G., Heinze, W., Sinsal, F., Weiss, B., Mann, R. Models for low resolution slit scan measurements based on high resolution laser scanning image analysis. DNA and nuclear dimensions 1-35862
- Mullani, N.A., Markham, J., Ter-Pogossian, M.M. Feasibility of time-of-flight reconstruction in positron emission tomography 1-43955
- Mullen, J.G. Non-Lorentzian shapes of diffusion broadened Mossbauer lines 1-16515
- Mullen, J.P. *see* Aarons, J. 1-27338
- Mullen, M.F. INSPECT—a package of computer programs for planning and evaluating safeguards inspections 1-14609
- Mullendore, A.W., Whitley, J.B., Mattox, D.M. The development and laboratory testing of low Z refractory coatings for fusion reactor limiters 1-23849
- Mullendore, A.W. *see* Langley, R.A. 1-23848
- Mullendore, A.W. *see* Mattox, D.M. 1-20267
- Mullendore, A.W. *see* Pierson, H.O. 1-16701
- Mullendore, A.W. *see* Whitley, J.B. 1-18891
- Mullens, J.A., Wu, S.M., Hsu, M.C., Chow, M.C. Comments on 'The determination of time constants of reactor pressure and temperature sensors: the dynamic data system method' [with reply by S.M. Wu] 1-818
- Muller *see* Armstrong 1-10254
- Muller, A., Shevel'ko, V.P. Dependence of charge exchange cross sections on the charge of the incident ion 1-51288
- Muller, A. *see* Bussiere, A. 1-10265
- Muller, A. *see* Filgueira, R.R. 1-1235
- Muller, A. *see* Fricke, J. 1-10604
- Muller, A. *see* Hanuza, J. 1-26194
- Muller, A. *see* Neumann, H. 1-20884
- Muller, A. *see* Penndorf, J. 1-21370
- Muller, A. *see* Schumann, B. 1-34597
- Muller, A. *see* Seim, W. 1-24244
- Muller, A.C. *see* Buchinger, F. 1-628
- Muller, A.C. *see* Sombret, B. 1-21192
- Muller, A.M.K. *see* Siedentop, H.K.H. 1-23045
- Muller, B., Oberacker, V. Influence of nuclear-trajectory variations on atomic-excitation probabilities 1-14540
- Muller, B. *see* Alhassid, Y. 1-41082
- Muller, B. *see* Gartner, P. 1-18550
- Muller, B. *see* Heinz, U. 1-46100
- Muller, B. *see* Muller, U. 1-10114
- Muller, B. *see* Reinhardt, J. 1-14987, 1-14988, 1-45522
- Muller, B. *see* Seifert, H.J. 1-48723
- Muller, B. *see* Soffel, M. 1-10079
- Muller, B. *see* Sokoll, R. 1-2785
- Muller, C. *see* Holz, M. 1-16492
- Muller, C.H., III, Phelps, A.V. Low-current electric discharges in H_2 -He mixtures 1-42228
- Muller, C.M., Scherz, U., Leigener, C.-M. Cluster calculations of transition-metal impurities in semiconductors 1-47546
- Muller, D. *see* Grupe, C. 1-1003
- Muller, E. *see* Entenmann, W. 1-17526
- Muller, E. *see* Mayer, W. 1-18567
- Muller, E.A. *see* Castelli, F. 1-27480
- Muller, F. On the theoretical determination of stable surface structures of ionic and partial ionic crystals 1-52410
- Muller, F. *see* Hanna, D. 1-41015
- Muller, F. *see* Irlon, J. 1-50475
- Muller, G., Dominik, J., Reuther, R., Malisch, R., Schulte, E., Acker, L., Irlon, G. Sedimentary record of environmental pollution in the Western Baltic Sea 1-48932
- Muller, G., Seeberger, F., Lambert, V. The application of computer-controlled test systems to improve the quality control of material testing machines 1-26712
- Muller, G., Thomas, H., Beck, H. The spin-wave continuum of the $S=1/2$ linear Heisenberg antiferromagnet 1-7804
- Muller, G. *see* Groen, J.P. 1-25966
- Muller, G. *see* Le Comber, P.G. 1-52156
- Muller, G.O., Rosler, M., Zimmermann, R. Highly doped CdS. Optical properties and high excitation phenomena 1-52591
- Muller, H., Opitz, C. Quantum chemical modelling of the mechanism of chemical reactions between solids and gases 1-53472
- Muller, H., Reiter, R. Intercomparison of New Zealand filter ozonometer and Dobson spectrophotometer total ozone measurements 1-4652
- Muller, H., Trommer, R., Cardona, M. Optical properties of InP under hydrostatic pressure 1-35007
- Muller, H., Ves, S., Hochheimer, H.D., Cardona, M., Jayaraman, A. Pressure-induced phase transitions and shifts in the absorption edge of CuCl 1-2619
- Muller, H., Weymann, K., Hartwig, P. Investigation of the ternary system Nb-Ta-H 1-20553
- Muller, H. *see* Gerhardt, B. 1-28328
- Muller, H. *see* Gloede, C. 1-34809
- Muller, H. *see* Komarov, V.I. 1-36939
- Muller, H. *see* Kunne, L.D. 1-53473
- Muller, H. *see* Olego, D. 1-3480, 1-48134
- Muller, H. *see* Seifert, G. 1-6416

- Muller, H.J., Ninaus, W., Oswald, K. Changes in reactivity by insertion of water in the internal graphite reflector of the Argonaut reactor 1-28609
- Muller, H.J., Rabitsch, H., Schurrer, F. For the criticality of water reflected homogeneous arrays and heterogeneous reactor fuel elements 1-28610
- Muller, H.G. *see van Lonkhuysen, H.* 1-28129
- Muller, H.H. *see Lewandowski, Z.* 1-18634
- Muller, H.J. *see Epperlein, J.* 1-13026
- Muller, H.-J. *see Alpers, W.* 1-54137
- Muller, H.-J. *see Engler, R.* 1-40068
- Muller, J., Esling, C., Bunge, H.J. An inversion formula expressing the texture function in terms of angular distribution functions 1-53196
- Muller, J. *see Bunge, H.J.* 1-30120
- Muller, J. *see Esling, C.* 1-11713, 1-52099
- Muller, J. *see Haessler, F.* 1-34475
- Muller, J. *see Jorda, J.L.* 1-52682
- Muller, J. *see Junod, A.* 1-38894
- Muller, J.C., Hage-Ali, M., Siffert, P. Realization of p-n junction solar cells by an ion implantation doping procedure 1-32031
- Muller, J.E. Chemistry and origin of the Eocene Metachon Volcanics, Vancouver Island, British Columbia 1-44134
- Muller, J.E. *see Schwarz, E.J.* 1-44100
- Muller, K. Analysis of the control field in bubble domain structures 1-7922
- Muller, K. *see Adrian, H.* 1-20914
- Muller, K. *see Aston, D.* 1-14399, 1-45297, 1-50442
- Muller, K. *see Bober, M.* 1-20431
- Muller, K. *see Costa, G.* 1-23516
- Muller, K. *see Di Gennaro, V.* 1-5660
- Muller, K. *see Evangelista, C.* 1-23515, 1-45354
- Muller, K. *see Ryssel, H.* 1-34364
- Muller, K.D. *see Kohler, M.* 1-10590
- Muller, K.H. *see Beckmann, P.* 1-31912
- Muller, L., Eckman, R., Pines, A. Proton-enhanced deuterium NMR in rotating solids 1-21060
- Muller, L., Glockle, W. A new approach towards a relativistic theory of interacting particles 1-28241
- Muller, L. *see Glockle, W.* 1-50563
- Muller, M., Guntherodt, H.-J. A pendulum balance for high temperature magnetic susceptibility measurements 1-50180
- Muller, M. *see Felix, F.W.* 1-2527
- Muller, M. *see Guntherodt, H.J.* 1-25619
- Muller, N. *see Bauer, P.* 1-7051, 1-15763
- Muller, P. *see Bieger, J.* 1-42883
- Muller, P.J., Mangini, A. Organic carbon decomposition rates in sediments of the Pacific manganese nodule belt dated by ^{230}Th and ^{231}Pa 1-22321
- Muller, R. Bistable operation and spatial hole burning in multimode lasers containing saturable absorbers 1-24444
- Muller, R. Room temperature controlled air-water heat pump with free air intake from the stove room 1-43792
- Muller, R., Fruwert, J., Geiseler, G. On the conformation retention of some halogenalkanes 1-31143
- Muller, R. *see Goede, O.* 1-48158
- Muller, R. *see Jorda, J.L.* 1-31422
- Muller, R. *see Menth, A.* 1-43816
- Muller, R. *see Niedermeyer, H.* 1-25040
- Muller, R.H. *see Cooper, J.F.* 1-7336
- Muller, R.K. Temperature—an interference factor (The effects of temperature on the measurement of mechanical quantities) 1-27909
- Muller, R.S. *see Chen, P.* 1-44911
- Muller, T.J. Frequency stabilisation of a dye laser 1-1586
- Muller, U. Influence of ribs on the acoustic behavior of piano resonant plates 1-15319
- Muller, U., Betz, W., Gartner, P., Reinhardt, J., Soff, G., Muller, B., Greiner, W., Kirsch, J. Quantum electrodynamics of supercritical fields 1-10114
- Muller, U. *see Alsemeyer, H.* 1-5875
- Muller, U. *see Koster, J.N.* 1-1980
- Muller, V.M., Toporov, Yu.P., Aleinikova, I.N., Martinov, G.A., Burt-Gapanovich, L.N., Yankauskene, E.V., Korol, L.S. Research into the electrokinetic properties of electrographic liquid developers 1-24868
- Muller, V.M., Yushchenko, V.S. Influence of surface forces on deformation and adhesion of elastic particles to a rigid substrate or to each other 1-51722
- Muller, W., Hertel, I.V. Infrared laser emission in two-photon pumped sodium vapour 1-37465
- Muller, W., Nager, C., Rosmus, P. The frozen orbital approximation for calculating ionization energies with application to propane 1-1273
- Muller, W. *see Brooks, M.S.S.* 1-47059
- Muller, W. *see Hall, R.O.A.* 1-30415
- Muller, W. *see Kleindienst, H.* 1-28846
- Muller, W.A., Schaffer, E.H., Linzner, U. Studies on incorporated short-lived β -emitters with regard to the induction of late effects 1-13293
- Muller, W.H.-G. Volume dependence of the superconducting transition temperature of quench-condensed Be films 1-25824
- Muller-Arnke, A. *see Gaarde, C.* 1-5740
- Muller-Buschbaum, H. *see Meyer, H.-J.* 1-34287
- Muller-Kirsten, H.J.W. A perturbation technique which is superior to the weak-coupling WKB method 1-9875
- Muller-Kirsten, H.J.W. Determination of the large-order behavior of perturbation theory 1-9876
- Muller-Krumbhaar, H., Langer, J.S. Sidebranching instabilities in a two-dimensional model of dendritic solidification 1-26441
- Muller-Krumbhaar, H. *see Brocksch, H.-J.* 1-42508
- Muller-Krumbhaar, H. *see Saito, Y.* 1-32931, 1-42962
- Muller-Rochholz, J., Fiebrich, M. A test device for bearings in buildings—demands, conception, realization, performance 1-43627
- Muller-Schauenburg, W. *see Anger, K.* 1-9003
- Muller-Voggian, M. *see Morek, T.* 1-28374
- Muller-Vogt, G., Wendl, W. Analysis of dopant concentrations of Si and Fe in LiNbO_3 single crystals by atomic absorption spectroscopy 1-20251
- Mullica, D.F., Korp, J.D., Milligan, W.O., Beall, G.W., Bernal, I. Neutron structural refinement of cubic orthotellurite acid 1-15853
- Mullica, D.F., Milligan, W.O., Garner, R.L. Refined crystal structure of lanthanum hexafluoroferrate(III) tetrahydrate 1-15880
- Mullica, D.F., Milligan, W.O., Lunsford, W.B., Castro, M. X-ray powder diffraction data for 5'-azido-5'-deoxy-3'-O-acetylthymidine 1-30214
- Mullica, D.F. *see Beall, G.W.* 1-52117
- Mullica, D.F. *see Milligan, W.O.* 1-30157
- Mullick, S.C. *see Gogna, P.K.* 1-21912
- Mullie, J. *see Hubbard, J.R.* 1-14755
- Mulligan, E. *see Lahiri, S.* 1-13261
- Mulliken, R.S. Chemical bonding 1-10625
- Mullikin, T.W., Siewert, C.E. Radiative transfer in inhomogeneous atmospheres 1-6752
- Mullin, D.P. *see Nagata, S.* 1-16455
- Mullin, J.B., Royle, A., Benn, S. A study on the relationship between growth technique and dopants on the electrical properties of GaAs with special reference to LEC growth 1-3608
- Mullin, J.B. *see Braithwaite, R.E.* 1-7736
- Mullin, J.P., Randolph, L.P., Hudson, W.R. Progress in space power technology 1-48851
- Mullin, T., Benjamin, T.B. Transition to oscillatory motion in the Taylor experiment 1-24882
- Mullin, T., Cooke, S. Laser anemometry in small tubes 1-42114
- Mullins, G.B. *see Gilbert, J.S.* 1-45675
- Mullins, W.W., Sekerka, R.F. On the validity of the Onsager reciprocal relations 1-47271
- Mullner, M. *see Jex, H.* 1-39016
- Mulokozi, A.M. An alloying theory of transition metals with p-block elements. II. A theoretical treatment of the heats of formation and other properties of rare earth arsenides and bismuthides 1-20110
- Mulone, G. *see Anile, A.M.* 1-32513
- Multanovskii, A.V. *see Matsevitskiy, Yu.M.* 1-1797
- Mulvaney, B.J. *see Swift, J.* 1-20317
- Mulvaney, J.A., Niemkiewicz, J.M., Rossi, R.P. Compatibility of rare earth screens with automatic exposure control systems 1-43981
- Mulvaney, J.A. *see Niemkiewicz, J.M.* 1-43975
- Mulvaney, S.F. *see Pell, F.R.* 1-49162
- Muly, E.C., Frock, H.N. Industrial particle size measurement using light scattering 1-27924
- Mulyar, Yu.M. *see Gerasimov, V.P.* 1-1897
- Mulyukov, R.R., Pavlov, P.A. Simultaneous measurement of thermal conductivity and specific heat of short-lived liquid 1-52369
- Muminov, A.I. *see Vylov, Ts.* 1-45422
- Muminov, K.M. *see Alikov, B.A.* 1-659
- Muminov, K.M. *see Andrejscheff, W.* 1-28454
- Muminov, R.A. *see Azimov, S.A.* 1-20735, 1-20789, 1-34785
- Muminov, T.M. *see Adam, I.* 1-50507
- Muminov, T.M. *see Alikov, B.A.* 1-659, 1-45385, 1-45459
- Muminov, T.M. *see Andrejscheff, W.* 1-28454
- Muminovic, M., Stupar, M. Honda's variable in Cygnus 1-32708
- Mumladze, V.V. *see Vorozheikina, L.F.* 1-51407
- Mumme, T.C. *see Walcott, R.I.* 1-54050
- Munakata, C., Nanba, M., Matsubara, S. Non-destructive method of observing inhomogeneities in p-n junctions with a chopped photon beam 1-47739
- Munakata, H., Nakanishi, Y., Nishikawa, K., Sakata, A., Sakata, M., Yamamoto, Y., Dake, S. High transverse momentum of γ -ray bundles in EAS at collision energies around 10^{14} eV 1-22655
- Munakata, T. *see Kubota, H.* 1-2354
- Munblit, V.Ya. *see Grigorov, L.N.* 1-382
- Munch, J. *see Zales Caponi, M.* 1-15140
- Munchmeyer, D. *see Amols, H.I.* 1-49063
- Munchmeyer, W. *see Frosien, J.* 1-400
- Muncie, E. *see Kent, T.A.* 1-48950
- Munczek, H.J., Nemirovsky, A.M. Regularization and renormalization of four-fermion theories 1-14250
- Munczek, H.J. *see McKay, D.W.* 1-10231
- Mund, E. *see Devoight, J.* 1-747
- Munday, C.W. Review of developments in the design and application of process analytical instruments 1-26799
- Munday, G. Initial velocities attained by plant generated missiles 1-837
- Munday, K. *see Barrie, J.A.* 1-30563
- Mundici, D. Irreversibility, uncertainty, relativity and computer limitations 1-49974
- Munding, K. *see Eschnauer, H.* 1-39234
- Mundry, E. *see Schnitger, D.* 1-39555
- Mundschenk, H. Sensitivity of a low-level Ge(Li) spectrometer applied to environmental aquatic studies 1-23934
- Mundt, R., Appenzeller, I., Bertout, C., Chavarria, C., Krautter, J. IUE observations of V1331 Cyg 1-40480
- Mundt, R. *see Appenzeller, I.* 1-13767
- Munier, T. *see Hawas, M.M.* 1-17154
- Munekata, H., Murasato, S., Kukimoto, H. White photoluminescence of amorphous silicon-carbon alloy prepared by glow-discharge decomposition of tetramethylsilane 1-12538
- Munera, H.A., Yadigaroglu, G. A new methodology to quantify risk perception 1-816
- Mungall, A.G., Daams, H., Boulanger, J.-S. Design and performance of the new 1 m NRC primary Cesium clocks 1-36608
- Mungall, C. *see Vilks, G.* 1-40142
- Munich, M. *see Fahrbach, H.U.* 1-51937
- Munichandiraiah, N. *see Sathyanarayana, S.* 1-48813
- Munier, A., Burgan, J.R., Feix, M., Fijalkow, E. Asymptotic solutions for a variable mass two-body problem 1-54350
- Munir, N.I. *see Spilker, R.L.* 1-37809
- Munir, Z.A. *see Lam, S.T.* 1-34547
- Munitz, A. Epitaxy and surface melting of aluminum alloys by high powered directed energy 1-47410
- Munitz, A., Komem, Y. The increase in the electrical resistance of heat-treated Au/Cr films 1-7394
- Munitz, A., Zangvil, A., Metzger, M. Analytical studies on some microconstituents in 2024 aluminum alloy 1-26786
- Munk, O. *see Steenstrup, S.* 1-4264
- Munk, W.H. Horizontal deflection of acoustic paths by mesoscale eddies 1-17602
- Munn, R.J. *see Hall, S.R.* 1-15744
- Munn, R.W., Bourne, S.M. The polarizability of iodoform in the crystal 1-7995
- Munnerlyn, C.R., Joba, L.R. Applications of the microprocessor in automated ophthalmic instruments 1-49148
- Munninghoff, G., Treutmann, W., Hellner, E., Heger, G., Reinen, D. Structure and Jahn-Teller effect in mixed crystals $\text{Rb}_2\text{Cr}_{1-x}\text{Mn}_x\text{Cl}_4$. A single-crystal neutron diffraction study and spectroscopic results 1-20146
- Munno, F.J. *see Pertmer, G.A.* 1-45650
- Munoz, J. Mochon *see Mochon Munoz, J.*
- Munoz, L. Castaner *see Castaner Munoz, L.*
- Munoz, R. *see Coutures, J.P.* 1-42542
- Munoz-Yague, A., Piqueras, J., Fabre, N. Preparation of carbon-free GaAs surfaces: AES and RHEED analysis 1-48539
- Munro, D.S. Exponential-linear stability correction functions for weak to moderate instability near the ground 1-13512
- Munro, J.F. Spent-fuel transfer to an independent spent-fuel storage installation 1-41203
- Munro, M., Beaumont, P.W.R. Fracture mechanisms and toughening of fibre composites 1-48507
- Munro, R.G., Block, S., Piermarini, G.J. Correlation of the glass transition and the pressure dependence of viscosity in liquids 1-38291
- Munro, R.H. *see Kohl, J.L.* 1-22753
- Munroe, M., Shepherd, W. An assessment of solar energy availability in different regions of the solar spectrum 1-53561
- Munsch, G. *see Elkomos, S.G.* 1-38729
- Munson, B.R. *see Suleiman, S.M.* 1-37876
- Munster, G. On the characterization of the Higgs phase in lattice gauge theories 1-5515
- Munster, G. High-temperature expansions for the free energy of vortices and the string tension in lattice gauge theories 1-40967
- Munster, G., Weisz, P. Estimate of the relation between scale parameters and the string tension by strong coupling methods 1-14333
- Munster, G., Weisz, P. On the roughness transition in Abelian lattice gauge theories 1-40966
- Munster, G. *see Luscher, M.* 1-40965
- Muntany, A.P. *see Klyukanov, A.A.* 1-25650
- Muntz, E.P. *see Brook, J.W.* 1-45716
- Munuera, G. *see Rives-Arnau, V.* 1-26766
- Munz, D., Bubby, R.T., Shannon, J.L., Jr. Performance of chevron-notched short bar specimen in determining the fracture toughness of silicon nitride and aluminum oxide 1-26612
- Munz, D., Pilkhun, M.H. Resonant Raman studies of bound excitons in CdS 1-8077
- Munz, W. *see Haag, G.* 1-46332
- Munz, W.D., Kaiser, E. Modular equipment for high rate sputtering 1-31345

- Munzenberg, G., Armbruster, P., Faust, W., Hofmann, S., Hessberger, F.P., Reisdorf, W., Schmidt, K.H., Schneider, F.W., Schott, H.J., Thuma, B., Guttner, K., Ewald, H., Clerc, H.G., Vermeulen, D. Investigation of unswollen evaporation residues with SHIP 1-50695
- Munzenberg, G. see Kitahara, T. 1-23970
- Munzenberg, G. see Sahn, C.-C. 1-10397
- Munzenberg, G. see Schmidt, K.-H. 1-50688
- Munzer, U. see Bodechtel, J. 1-54295
- Mur, M. MORPION: a fast hardware processor for straight line finding in MWPC 1-14781
- Mura, T. see Castles, R. 1-1892
- Mura, T. see Furuhashi, R. 1-29546
- Mura, T. see Izumi, Y. 1-46708
- Murabayashi, M., Takahashi, Y. Thermal conductivity of BeO and BeO-ThO₂ mixed oxide system from 300 to 1000K 1-16115
- Murad, E., Hildenbrand, D.L. Dissociation energies of GdO, HoO, ErO, TmO, and LuO: correlation of results for the lanthanide monoxide series 1-17044
- Murad, E., Schwertmann, U. The Mossbauer spectrum of ferrihydrite and its relations to those of other iron oxides 1-39011
- Murad, E., Swider, W., Benson, S.W. Possible role for metals in stratospheric chlorine chemistry 1-40178
- Muradyan, L.A. see Shevryev, A.A. 1-30198
- Muradyan, S.M. see Yalamov, Yu.I. 1-24870
- Murai, A. see Yasuda, Y. 1-24404
- Murai, K. see Kawasaki, K. 1-926
- Murai, K. see Matsuzaki, Y. 1-2226
- Murai, S., Wenzel, J., Sanders, D. Vaporization in an unstirred soda-lime-silica glass melt 1-20369
- Murai, T. see Nagai, H. 1-8489
- Murai, Y. see Okuda, S. 1-34161
- Murakami, A., Nomura, Y., Momota, H. Stochasticity of phase trajectory of a charged particle in a plasma wave 1-11519
- Murakami, C. see Tomita, H. 1-7291
- Murakami, H., Kawata, S., Niu, K. Analysis for production of fast ions in laser-irradiated target. I. In plane target (affectation of electrostatic instability) 1-10047
- Murakami, H., Kawata, S., Niu, K. Analysis for production of fast ions in laser-irradiated target. II. In spherical target 1-10048
- Murakami, H., Maewal, A., Hegemier, G.A. A mixture theory with a director for linear elastodynamics of periodically laminated media 1-33891
- Murakami, H. see Asano, Y. 1-1022
- Murakami, H. see Hayakawa, S. 1-22923
- Murakami, H. see Suzuki, S. 1-48069
- Murakami, H. see Suzuki, T. 1-24426
- Murakami, I., Fujino, Y., Ishikawa, R., Ochiai, H., Tadoko, Y. Temperature dependence of the viscosity of aqueous poly(vinyl alcohol)-borax solutions 1-52327
- Murakami, I. see Saito, K. 1-8560
- Murakami, I. see Tsuji, M. 1-14907
- Murakami, K., Kawabe, M., Gamo, K., Namba, S., Aoyagi, Y. Dynamic behaviour of picosecond pulsed laser annealing in ion-implanted Si 1-52158
- Murakami, K., Murakami, Y., Seino, T. On the theoretical width of fringe and the false-bright fringe formed by the grids with large pitches 1-24354
- Murakami, K. see Hatakeyama, M. 1-34861
- Murakami, K. see Mitsunaga, K. 1-19474
- Murakami, K. see Seki, K. 1-5310
- Murakami, K. see Tamura, S. 1-48409
- Murakami, K. see Yasukawa, T. 1-48689
- Murakami, M., Serrano, C. Method for forming uniformly distributed precipitates in thin films 1-48348
- Murakami, M. see Milora, S.L. 1-33346
- Murakami, N., Nakao, Y., Kawai, T., Shimamoto, E. Solution treatment in Al-Cu solid solution alloys 1-48347
- Murakami, R. Dilute solution viscosities of starch, amylose, and amylopectin 1-38424
- Murakami, R., Akizono, K. Influence of prior austenite grain size and stress ratio on near threshold fatigue crack growth behavior of high strength steel 1-48479
- Murakami, S. see Kato, M. 1-4394
- Murakami, S. see Tabata, M. 1-8584
- Murakami, T., Inoue, H., Koyama, K., Maki-shima, K., Matsuoka, M., Oda, M., Ogawara, Y., Ohashi, T., Shibazaki, N., Tanaka, Y., Tawara, Y., Hayakawa, S., Kunieda, H., Makino, F., Masai, K., Nagase, F., Miyamoto, S., Tsunemi, H., Yamashita, K., Kondo, I. Properties of X-ray bursts from the X-ray transient 1608-522 1-27633
- Murakami, T. see Matsuoka, M. 1-22927
- Murakami, T. see Ogata, S. 1-41636
- Murakami, T. see Ondoh, T. 1-44384
- Murakami, Y., Kachi, S., Watanabe, Y. Kinetics of the Heusler-type ordering in AuAgZn₂ alloy 1-25466
- Murakami, Y., Kawano, H., Endo, T. Effect of artificial small defects on fatigue strength of metals 1-48478
- Murakami, Y., Okada, T., Yamamoto, J., Inuishi, Y., Mitsuishi, A., Nishimura, M. 0.5 MJ superconducting pulse magnet for energy storage 1-53701
- Murakami, Y., Sudo, S. Coupling characteristics measurements between curved waveguides using a two-core fiber coupler 1-41883
- Murakami, Y., Watanabe, Y., Kachi, S. An X-ray study of the Heusler-type ordering in AuAgZn₂ alloy 1-25200
- Murakami, Y. see Hashimoto, E. 1-8345
- Murakami, Y. see Murakami, K. 1-24354
- Murakami, Y. see Osamura, K. 1-21452
- Murakami, Y. see Yamada, J.I. 1-15275
- Murakawa, S. see Sorai, M. 1-31135
- Murakhovskii, A.A. see Gromzin, D.E. 1-26044
- Murakhtanov, V.V., Guzhavina, T.I., Mazalov, L.N. Variation principle for the calculation of excited states 1-28893
- Muraki, Y. High-P_r hadron cross-section at new collider energies 1-5657
- Muraki, Y. see Eggert, K. 1-14752
- Murali, A.V. see Fodor, R.V. 1-9437
- Murali, J., Adler, T.A., Sudarshan, T.S., Louthan, M.R., Jr., McNitt, R.P. Testing for hydrogen-A-106 steel compatibility 1-16873
- Muralidhar Rao, J.V., Lee, S.M., Sharma, M.L. An evaluation of different methods for space-dependent resonance shielding of cross sections in fast reactors 1-23790
- Muralidharan, R., Jain, S.C. Improvements in the theory of growth of LPE layers of GaAs and interpretation of recent experiments 1-2369
- Muramatsu, K. see Mitomo, M. 1-12797
- Muramatsu, T. see Shibata, S. 1-1365
- Muramatsu, Y. Production of high manganese steels by powder metallurgy method 1-31381
- Muramatsu, Y. Mechanical properties of sinter-forged high manganese steels 1-31536
- Muramoto, T., Nakanishi, S., Endo, T., Hashi, T. Studies of phase characteristics of various photon echoes with a phase sensitive detection method 1-51565
- Muramoto, T. see Nakanishi, S. 1-37556
- Muranaka, T. see Kiyono, S. 1-23394
- Murani, A.P. Reexamination of the small-angle neutron scattering data on concentrated AuFe spin-glasses 1-12327
- Murani, A.P. Spectral distribution of relaxation times in spin glasses 1-47896
- Murani, A.P., Knorr, K., Buschow, K.H.J., Benoit, A., Flouquet, J. Temperature dependence of the spectral width in the intermediate valence compound CeAl₃ 1-30911
- Murani, A.P., Mezei, F. Neutron spin echo study of spin glass dynamics 1-34903
- Murani, A.P. see Barbara, B. 1-25673
- Murani, A.P. see Pierre, J. 1-25676, 1-47865
- Murano, T., Furukoshi, M. Vapor phase epitaxial growth of ZnSe films using metallic Zn and metallic Se 1-21365
- Muraoka, K., Okada, T., Akazaki, M. Volumetric photo-preionization of a carbon-dioxide laser medium by a VUV radiation 1-15152
- Muraoka, K. see Akazaki, M. 1-15739
- Muraoka, K. see Hamamoto, M. 1-42230
- Muraoka, S. see Maeda, C. 1-23187
- Muraoka, T., Iwahara, M., Yamada, Y. Examination of audio-bandwidth requirements for optimum sound signal transmission 1-37742
- Muraoka, T. see Yamaguchi, H. 1-14956
- Muraour, P. see Frappa, M. 1-22517
- Murarka, S.P., Chang, C.C. Thermal oxidation of hafnium silicide films on silicon 1-16915
- Murarka, S.P., Fraser, D.B., Retajczyk, T.F., Jr., Sheng, T.T. Computerized molybdenum silicides on thermal SiO₂ 1-16685
- Murarka, S.P., Sinha, A.K., Levinstein, H.J. Stability of LPCVD polysilicon gates on thin oxides 1-34798
- Murasato, S. see Munekata, H. 1-12538
- Murase, H. see Fukasako, N. 1-18745
- Murase, H. see Saguesa, T. 1-36683
- Murase, K., Nishimura, T. Visco-plastic and large deformation analysis of axial symmetric deformation of thin-walled circular tube 1-24694
- Murase, K. see Katayama, S. 1-39051
- Murase, S. see Shiraki, H. 1-52728
- Murase, Y., Kato, E. Thermal changes in texture of aggregates of ultra-fine crystallites in hydrolysed zirconia particles 1-2365
- Murase, Y., Kato, E. Effects of H₂O on the crystallization of ZrO₂ 1-38314
- Murase, Y. see Homma, Y. 1-4365
- Murashov, V.D. see Plekhanov, V.P. 1-53571
- Murasik, A. Neutron scattering studies of uranium compounds 1-20685
- Murasik, A., Fischer, P., Zolnieriek, Z. On magnetic properties of UPb₃-a neutron diffraction study 1-47855
- Murasik, A., Furrer, A. Inelastic neutron scattering investigation of crystal-field splittings in UBr₃ 1-47590
- Murasik, A. see Piotrowski, M. 1-3143
- Muraskin, M. Aesthetic fields - null theory 1-18358
- Murata, H. Exact nonlinear helical oscillations in magnetohydrodynamics 1-2090
- Murata, H., Nakamura, H., Hirata, M., Ikari, S., Yasukawa, S. A challenge to create new, manageable and possible energy supply system (JAERI's projection on nuclear process heat application) 1-50752
- Murata, H. see Ohno, K. 1-1224
- Murata, H. see Sakakibara, M. 1-25245, 1-28969
- Murata, H. see Taga, K. 1-10731
- Murata, I. see Tajiri, A. 1-29008
- Murata, K. see Maeda, J. 1-37420
- Murata, M. see Akashi, K. 1-1533
- Murata, R.E. see Davies, S.M. 1-10433
- Murata, R.E. see Stephen, J.D. 1-45619
- Murata, T. see Iida, N. 1-53803
- Murata, Y. see Johgo, A. 1-12979
- Murata, Y. see Ogawa, M. 1-18984
- Muratogio, G. Comparison of the spectrophotometric data of two Fe II emission line stars 1-36407
- Muratov, V.I. see Babenko, V.A. 1-43233
- Muratov, V.R., Berezin, Yu.D., Gudakovskii, Yu.P. Standards for laser radiation 1-53821
- Muratov, V.R., Filimonov, Yu.A., Shiranov, A.F. On the terminology associated with retro-reflection 1-29211
- Muratova, B.L. see Volkov, D.P. 1-16112
- Muratova, B.L. see Zarichnyak, Yu.P. 1-29516
- Muratova, M.V., Suetova, I.A., Burashnikova, G.A., Krolchenko, E.I. Climate and vegetation zones in USSR territory 5-6 thousand years ago 1-13561
- Mura'ev, A.I. see Dekhtyar', L.I. 1-48610
- Mura'ev, V.A., Pantelev, V.A. New mechanism of E-center type defect reorientation and migration in silicon 1-2706
- Mura'eva, K.K., Ivanov, V.A. Formation of a transition layer in the system ZnSe-Ge 1-34589
- Mura'eva, L.D. see Goryainov, Yu.A. 1-44941
- Mura'eva, V.V. see Erzinkyan, A.L. 1-23560
- Murav'yev, V.B. see Mel'nikov, I.A. 1-4644
- Murawski, L. see Gzowski, O. 1-30803
- Muray, M. see Chuebon, R.P. 1-50843
- Murayama, H. A simple timing discriminator for a BGO scintillation detector 1-23987
- Murayama, H., Sanui, K., Ogata, N., Kobayashi, T., Ohtaki, Z. Electrical conductivity of hydrophilic polyamides 1-30746
- Murayama, H. see Kiwaki, H. 1-33071
- Murayama, H. see Tanaka, E. 1-9007
- Murayama, J., Kawajiri, K., Mizobuchi, Y., Nakajima, Y. Electron-beam deposited SnO₂/a-Si(H) photovoltaic device 1-8745
- Murayama, J. see Shiraiwa, T. 1-30406
- Murayama, K., Kimura, K., Ninomiya, T. Time dependence of the polarization of the luminescence in chalcogenide glasses 1-16605
- Murayama, M., Ohtsubo, N. Natural explanation for the smallness of m_p , m_n , and θ_c in the SU(2) \times U(1) gauge model 1-10122
- Murayama, M. see Kobayashi, T. 1-3712
- Murayama, N. see Ishiko, N. 1-32149
- Murayama, S., Sekihara, K., Hayakawa, T. Theoretical analysis of the photon-energy dependence of the ionization detector used in the CT system 1-35880
- Murayama, S. see Kuga, K. 1-10022
- Murayama, S. see Sekihara, K. 1-35881
- Murayama, Y. Theory of scattering in a superconducting state 1-3092
- Murayama, Y. see Honda, Y. 1-6084
- Murch, G.E., Rothman, S.J. Diffusion, correlation, and percolation in a random alloy 1-42563
- Murcia, M.D. see de Murcia, M.
- Murcray, D.G. see Goldman, A. 1-22483
- Murcray, D.G. see Murcray, F.J. 1-17687
- Murcray, F.J., Goldman, A., Murcray, D.G., Cook, G.R., Van Allen, J.W., Blatherwick, R.D. Identification of isolated NO lines in balloon-borne infrared solar spectra 1-17687
- Murcray, F.J. see Goldman, A. 1-22483
- Murdad, J.S. see Ganjei, J.D. 1-31931
- Murdad, S. see Singer, I.L. 1-35396
- Murdin, J. E-region temperature and ion-neutral collision frequency from incoherent scatter radar monopulse ACF measurements 1-40262
- Murdin, P., Clark, D.H., Martin, P.G. The optical spectrum of SS 433 1-4922
- Murdoch, H.S. see Blades, J.C. 1-44668
- Murdoch, J. see Cole, A.J. 1-42208
- Murdoch, J. see Gray, D. 1-29917
- Murdoch, J. see Gray, D.R. 1-19961
- Murdoch, J.N., Steppe, J.A. Crustal parameters estimated from P-waves of earthquakes recorded at a small array 1-22539
- Murdoch, J.W. The generation of a Tollmien-Schlichting wave by a sound wave 1-2007
- Murdoch, J.W. The generation of a Tollmien-Schlichting wave by a sound wave 1-42047
- Murdoch, S.H., Leistritz, F.L. Social and demographic impacts associated with large-scale developments: implications for nuclear waste repositories 1-5080
- Murdoch, T.L. see Price, S.D. 1-9739
- Mureddu, L. The new Doppler telemetry station at the Cagliari Observatory and the EDOC-2 campaign 1-9374

- Muret, P., Deneuille, A. Direct determination of the density of localized states at metal-cleaved Si(111) interfaces 1-52654
- Murfin, W.B. *see* Reimann, M. 1-5879
- Murgich, J., Calvo, R., Oseroff, S.B. ^{14}N nuclear quadrupole interaction in Cu(II) doped L-alanine 1-10764
- Murhammer, D. *see* Decius, J.C. 1-14895
- Muriel, M.A., Martin-Pereda, J.A. Liquid-crystal electro-optic modulator based on electrohydrodynamic effects 1-11084
- Murilo Oliveira, P. *see* Riera, R. 1-5251
- Murin, J. Second moment of NMR spectra for oriented partially crystalline polymers 1-31035
- Murin, J., Olcak, D., Oravcova, J., Rakos, M., Jelsovska, K. Proton NMR of isomorphous paramagnetic and diamagnetic monohydrates $\text{MeSO}_4 \cdot \text{H}_2\text{O}$ $\text{Me} = \text{Mn}^{2+}$, Fe^{2+} , Ni^{2+} and Mg^{2+} 1-52849
- Murin, J. *see* Olcak, D. 1-15811
- Murin, L.L. *see* Litvinko, A.G. 1-2510
- Murin, Yu.A. *see* Bogatin, V.I. 1-18627
- Murina, T.M. *see* Bagdasarov, Kh.S. 1-51490
- Murina, T.M. *see* Zhekov, V.I. 1-1573
- Muringer, M.J.P. *see* van 't Klooster, P. 1-38471
- Murmann, H. *see* Niedermeyer, H. 1-25040
- Muro, K., Yutani, N., Narita, S. Saturation of absorption and photoconductivity due to shallow impurities in semiconductors by high power far-infrared laser beam 1-52970
- Muro, K. *see* Okamoto, H. 1-12208
- Muromkin, Yu.A. *see* Belorousov, A.V. 1-34128
- Murotani, T. *see* Benson, T.M. 1-51639
- Murotani, T. *see* Oomura, E. 1-33730
- Murotani, T. *see* Takahashi, K. 1-45010
- Murphree, J.S., Anger, C.D. An empirical method for determining albedo contribution to satellite photometer data 1-13614
- Murphy, B. *see* Stewart, R. 1-39806
- Murphy, C.P. *see* Bullock, P. 1-49268
- Murphy, D.T. *see* Hasan, F. 1-15968, 1-15969
- Murphy, D.W. *see* Di Salvo, F.J. 1-32007
- Murphy, E.J., Brophy, J.H., Arnold, G.S., Dimpl, W.L., Kinsey, J.L. Laser-induced fluorescence measurement of the internal and fine structure states distributions of $\text{OD}(\text{X}^2\Pi, \text{v}, \text{J}, \text{N})$ from $\text{D} + \text{NO}$ 1-37243
- Murphy, E.J., Brophy, J.H., Kinsey, J.L. Velocity distributions as a function of the internal state of reactively scattered species from Fourier transform Doppler spectroscopy 1-37244
- Murphy, F.G. *see* Klinedinst, K.A. 1-48812
- Murphy, J. *see* Kun, Z.K. 1-48168
- Murphy, J.C., Aamodt, L.C. Photothermal spectroscopy using optical beam probing: Mirage effect 1-5406
- Murphy, J.D., Rubesin, M.W. A Navier-Stokes fast solver for turbulence modeling applications 1-1925
- Murphy, J.D. *see* Arieli, R. 1-19760
- Murphy, J.H. *see* Singh, S.K. 1-48927, 1-48929
- Murphy, J.P., Kiya, M.K., Werner, M., Swanson, P.N., Kuiper, T.B.H., Batelaan, P.D. A large-aperture space telescope for infrared and submillimeter astronomy 1-49512
- Murphy, J.P. *see* Butts, A.J. 1-13663
- Murphy, K., Byrd, R.C., Guss, P.P., Floyd, C.E., Walter, R.L. The $^{14}\text{N}(\text{p}, \text{n})^{14}\text{O}$ reaction below 9.3 MeV 1-50597
- Murphy, K. *see* Byrd, R.C. 1-28476
- Murphy, K.E. *see* Coppens, P. 1-2410
- Murphy, L.F. *see* Gurtin, M.E. 1-20428
- Murphy, M.J., Davis, C.N., Norman, E.B. β^+ decay of ^{68}As 1-14465
- Murphy, P.D. *see* Jeffrey, F.R. 1-52854
- Murphy, P.D. *see* Reimer, J.A. 1-47957
- Murphy, P.D. *see* DuBois, M. 1-45253, 1-45254
- Murphy, P.G. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Murphy, P.G. *see* O'Neill, L.H., Jr. 1-50443
- Murphy, P.H., Moore, M.L., Burdine, J.A., Groch, M.W. A computer method for cardiac radionuclide kymography 1-35879
- Murphy, R.E. *see* Green, B.D. 1-37142
- Murphy, R.J. *see* Akihama, R. 1-48297, 1-48300
- Murphy, R.M. *see* Janz, G.J. 1-35644
- Murphy, R.V. Focused ultrasonic probes for contact inspection 1-48622
- Murphy, T. Shift operators for discrete representations of $\text{O}(\text{n})$ 1-449
- Murphy, T.D., Kregar, W.E. Regulatory considerations for reducing occupational radiation exposure at United States nuclear power plants 1-28744
- Murphy, W.C., George, T.F. Laser interaction with the end atoms of a linear chain 1-35126
- Murphy, W.C. *see* Lin, J. 1-3544
- Murphy, W.C. *see* Simms, R. 1-5905
- Murr, G., Siny, J., Rau, G. Improved objective measurement of refraction with the aid of visual evoked potentials (VEP) 1-4371
- Murr, L.E. A form of Hall-Petch law for the strength of glassy metals 1-21525
- Murr, L.E., Inal, O.T., Valayapetre, M. Characterization of selective solar absorber microstructures: Electron microscope studies 1-11994
- Murr, L.E., Moin, E., Wongwiwat, K., Greulich, F. Effect of grain size and deformation-induced grain refinement on the residual strength of shock-loaded metals and alloys 1-21591
- Murr, L.E. *see* Inal, O.T. 1-11998, 1-53669
- Murr, L.E. *see* Staudhammer, K.P. 1-8384
- Murr, L.E. *see* Wang, S.-L. 1-3845
- Murray, A.F., Buyers, W.J.L. Dispersion of collective magnetic excitons in a single crystal of the actinide intermetallic UPd₃ 1-20641
- Murray, A.F., Luyers, W.J.L. A general method for determining crystal field effects on magnetic ions 1-25674
- Murray, A.F. *see* Buyers, W.J.L. 1-47874
- Murray, A.S. *see* Barnes, B.K. 1-23840
- Murray, B.W., Roberts, W.T., Wilson, D.V. The properties and formability of aluminium-5% magnesium alloy clad with an austenitic stainless steel 1-8336
- Murray, C.A. The Ephemeris Reference Frame for astrometry 1-44083
- Murray, C.A., Allara, D.L., Rhinewine, M. Silver-molecule separation dependence of surface-enhanced Raman scattering 1-35035
- Murray, C.A., Mills, A.P., Jr., Rowe, J.E. Correlations between electron and positron workfunctions on copper surfaces 1-25792
- Murray, C.A. *see* Chu, S. 1-52632
- Murray, C.D. *see* Dermott, S.F. 1-44491
- Murray, D.G. *see* Foster, D.L. 1-13307
- Murray, D.W. *see* Allison, A.L. 1-34952
- Murray, G.A., Smith, A.L.S. Plasma kinetic effects of the addition of oxygen to CO laser discharges 1-38157
- Murray, H., Piel, A., Launey, J. Principle of thin film solar cells deposited by cathodic sputtering 1-17199
- Murray, H. *see* Piel, A. 1-52599
- Murray, J.D. *see* Duffy, M.R. 1-50077
- Murray, J.J., Post, M.L., Taylor, J.B. Differential heat flow calorimetry of the hydrides of intermetallic compounds 1-2655
- Murray, J.W. *see* Grill, E.V. 1-40116
- Murray, K.M. Photographic image enhancement using photon induced fission of uranium 1-10043
- Murray, M.J., Sanders, J.V. Close-packed structures of spheres of two different sizes. II. The packing densities of likely arrangements 1-38310
- Murray, O.L., Brandon, H.J. Some practical and economical considerations on solar energy for the bottling industry 1-35707
- Murray, R.B. *see* Loman, J.M. 1-52187
- Murray, R.J., White, P.D. Surface acoustic wave devices [a practical guide to their use for engineers] 1-4936
- Murray, S.S. *see* Fabian, A.C. 1-4960
- Murray, T., Doherty, E.T. Selected acoustic characteristics of pathologic and normal speakers 1-4297
- Murray, T., Jones, W., Smith, N. Software development for a solar energy system 1-21846
- Murray, T. *see* Baldwin, D.A. 1-35501
- Murray, T. *see* Bordoloi, K. 1-32048
- Murray, T.L. *see* Myren, G.D. 1-49180
- Murray, W.P. *see* McEvers, J.A. 1-18759
- Murray Lloyd, E.K. *see* Cliff, D.I. 1-6247
- Murray-Smith, D.J. *see* Bache, R.A. 1-43887
- Murrell, J.N. *see* Brojber, J.T. 1-37285
- Murrell, J.N. *see* Carter, S. 1-10681, 1-19156
- Murrell, J.N. *see* Erco, S. 1-51279
- Murrell, J.N. *see* Farantos, S.C. 1-51278, 1-53400
- Murrell, J.N. *see* Tennyson, J. 1-47559
- Murrell, M.T., Davis, P.A., Jr., Nishiizumi, K., Millard, H.T., Jr. Deep-sea spherules from Pacific clay: mass distribution and influx rate 1-54431
- Murrell, M.T. *see* Nishiizumi, K. 1-40432
- Murri, R. *see* de Blasi, C. 1-3431
- Murrieta, S. H. *see* Hernandez, A. J. 1-39125
- Murrieta, S. H. *see* Lopez, F. J. 1-39130
- Murrow, P.J., Rose, W.L., Jr. Determination of the total grain size distribution in a vulcanian eruption column, and its implications to stratospheric aerosol perturbation 1-36030
- Murry, R.C. *see* Pennington, E.C. 1-43982
- Murry, T., Singh, S. Multidimensional analysis of male and female voices 1-11262
- Murry, T. *see* Hasek, C.S. 1-15329
- Mursakulov, N.M. *see* Bert, N.A. 1-25590
- Mursalov, T.M. *see* Guseinov, I.I. 1-28865
- Murtas, G.P. *see* Bacci, C. 1-575
- Murtazaez, Kh. *see* Zulkarneev, R.Ya. 1-10376
- Murtha, M.J. *see* Chang, C.Y. 1-35733
- Murtha, A.S.N., Dak, H.C., Reddy, K.S. Photogalvanic effect in riboflavin-ethylendiaminetetraacetic acid system 1-21887
- Murthy, A.S.N., Ranganathan, S. Semiempirical molecular-orbital studies on the problem of non-classical resonance in the homoallylic cation 1-41321
- Murthy, B.S., Ahmed, M.I., Rao, M.S. Effect of IMF sector boundary passage on the equatorial anomaly in the Indian Zone 1-22612
- Murthy, B.V. Krishna *see* Krishna Murthy, B.V.
- Murthy, C.S., Singer, K., Klein, M.L., McDonald, I.R. Effect of changes in pair potential on the dynamical structure factor of molecular crystals 1-2576
- Murthy, C.S., Singer, K., Klein, M.L., McDonald, I.R. Pairwise additive effective potentials for nitrogen 1-37294
- Murthy, C.S.N. *see* Boswarva, I.M. 1-38325
- Murthy, I.V.R., Visweswara Rao, C., Krishna, G.G. A gradient method for interpreting magnetic anomalies due to horizontal circular cylinders, infinite dykes and vertical steps 1-27065
- Murthy, J.S.R. *see* Jagadeesh, T.R. 1-29778
- Murthy, K.N.V. MHD Couette flow of a viscous stratified fluid of large conductivity 1-29792
- Murthy, K.S. *see* Kistaiah, P. 1-47648
- Murthy, K. Sathyanyarayana *see* Sathyanyarayana Murthy, K.
- Murthy, K.S.R., Mishra, D.C. Fourier transform of the general expression for the magnetic anomaly due to a long horizontal cylinder 1-9076
- Murthy, M.L.R., Cutting, J.C., Trzaskoam, W.P., Manaker, A. Near term commercialization of MHD power generation using coal/oil fuel 1-53630
- Murthy, M.V.N. *see* Ramachandran, G. 1-15076
- Murthy, N.M., Subrahmanyam, S.V. Effect of t-butanol on the structural propensities of alkali halides in water 1-20041
- Murthy, N.S., Prallad, U.D., Ramakrishna, T.V., Naidu, G.T. RKRVP potential energy curve and dissociation energy of CaO 1-10680
- Murthy, N.S. Satya *see* Satya Murthy, N.S.
- Murthy, P.N. *see* Sharma, S. 1-33919
- Murthy, P.S.N. *see* Paropkari, A.L. 1-17581
- Murthy, P.V. Ramana *see* Ramana Murthy, P.V.
- Murthy, V.R., Ranga Reddy, R.N.V. Polarizabilities and susceptibilities of nematic azoxybenzenes 1-34227
- Murthy, V.R., Reddy, R.N.V.R. Quantum mechanical approach to the polarizabilities of few liquid crystals 1-15790
- Murthy, V.R., Reddy, R.N.V.R. Polarizabilities of liquid crystals of a series of 4-cyanophenyl esters of 4'-n-alkoxybenzoic acids 1-34218
- Murthy, V.R.K., Smith, D.S., Eklund, P.C. Synthesis of graphite-SbCl₃ and optical tests of its environment stability 1-8249
- Murthy, V.R.K. *see* Eklund, P.C. 1-39101, 1-48094
- Murthi, C.S. *see* Athavale, R.N. 1-49309
- Murthi, V.G.K. *see* Rehman, M. 1-288
- Murty, A.S.R. *see* Selvam, A.M. 1-9229
- Murty, A.S. Ramachandra *see* Ramachandra Murthy, A.S.
- Murty, A.V. Krishna *see* Krishna Murthy, A.V.
- Murty, B.V.R. *see* Selvam, A.M. 1-9229
- Murty, B.V. Ramana *see* Ramana Murthy, B.V.
- Murty, C.S., Sastry, J.S., Varadachari, V.V.R. Shoreline deformations in relation to shore protection structures along Kerala coast 1-54067
- Murty, C.S., Varadachari, V.V.R. Topographic changes of the beach at Valiathura, Kerala 1-15758
- Murty, C.S., Veerayya, M., Sastry, J.S., Varadachari, V.V.R. Beach morphological variations over micro-time scales 1-15759
- Murty, K., Schneider, C.P. Technique for the rapid and accurate determination of solar cell performance parameters 1-50161
- Murty, K.N., Babu, R.P. Internal bremsstrahlung spectral shapes and total yields 1-670
- Murty, L. Krishna *see* Krishna Murthy, L.
- Murty, M.V. Krishna *see* Krishna Murthy, M.V.
- Murty, M.V.R.K., Das, N.C., Shukla, R.P. Catadioptric magnifiers 1-37580
- Murty, M.V.R.K., Shukla, R.P. In-line dispersion prism 1-1676
- Murty, P.S. Relative intensities and predicted new bands of the A (E-X) and B (D-A) systems of ZrO 1-4754
- Murty, P.S. On the $e^+ \Pi-X^1\Sigma^+$ and $^1\Sigma^+-X^1\Sigma^+$ transitions of ZrO related to S star spectra 1-9482
- Murty, P.S. Visible spectrum of π^+ Grus: identification of new $e^+ \Pi-X^1\Sigma^+$ and $^1\Sigma^+-X^1\Sigma^+$ bands of ZrO 1-17834
- Murty, P.S., Kaimal, R. Spectrochemical determination of trace elements in stainless steel 1-21801
- Murty, P.S.N., Rao, Ch.M., Paropkari, A.L., Topgi, R.S. Distribution of Al, Mn, Ni, Co and Cu in the non-lithogenic fractions of sediments of the northern half of the western continental shelf of India 1-17582
- Murty, S. Ramana *see* Ramana Murthy, S.
- Murty, T.S. *see* Jain, L.C. 1-30293
- Murty, T.S.G. Krishna *see* Krishna Murthy, T.S.G.
- Murty, T.V. Ramana *see* Ramana Murthy, T.V.
- Murugesu, S., Oh, C.H. Effective potential for the $\text{O}(\text{N})$ symmetric q^6 model 1-10066
- Murugov, V.M., Pankratov, V.I., Petrakov, V.N., Senik, A.V. Multichannel X-ray register 1-46924

- Muryeva, I.V., Pashintsev, Yu.I., Karamyshev, V.P. Determination of the majority carrier concentration profile in the space-charge region from the capacitance-voltage characteristics 1-47677
- Murya, B. see Abramowicz, H. 1-45378
- Murysov, V.A. see Berczin, V.M. 1-37057
- Murzin, S.S., Dolgoplov, V.T. Heating and energy relaxation time of electrons and holes in bismuth 1-34725
- Murzin, V.S. see Abdrahmanov, E.O. 1-722
- Murzin, V.S. see Ableev, V.G. 1-18507
- Murzin, V.V. see Bakhrakh, L.E. 1-15067
- Musae, F.N. see Amirasanlov, I.R. 1-25253
- Musae, G.M. see Aliev, Kh.K. 1-11889
- Musae, T.P. see Mustafaev, R.A. 1-16109
- Musakhanov, M.M. see Galimzyanov, R.M. 1-36968
- Musal, H.M., Jr. Thermomechanical stress degradation of metal mirror surfaces under pulsed laser irradiation 1-33734
- Musart, R. see Roche, M. 1-28511
- Musatenko, S.I., Kravchenko, V.A. Manifestation of magnetospheric and ionospheric disturbances in radio noise at middle latitudes 1-22626
- Musatov, M.I. Causes of bubble formation in corundum crystals 1-15824
- Musatov, M.I., Petunina, I.N., Nilolaev, I.N. Dislocations in large crystals of optical corundum 1-20212
- Musazzi, S. see Giglio, M. 1-41817
- Muscalu, S. Calculus of the antisymmetric spin functions in the three-body case 1-33260
- Muscat, J.P., News, D.M. Embedded cluster calculations for hydrogen chemisorption on the (111) surfaces of FCC Co, Ni, Cu, Rh, Pd and Ag 1-12178
- Muschietti, L., Appert, K., Vaclavik, J. Cerenkov and anomalous Doppler effects in the relaxation of an electron beam 1-38120
- Muschik, G.M. see Janini, G.M. 1-53494
- Muschik, W. Entropies of heat conducting discrete or multi-temperature systems with use of non-equilibrium temperatures 1-207
- Muschlitz, E.E., Jr. see Lishawa, C.R. 1-37319
- Muser, H.E., Luther, G., Petersson, J., Kuntz, R. Dielectric behaviour of layered antiferroelectric sgaric acid in the microwave region 1-8008
- Muser, V.A. see Egorov, T.L. 1-40025
- Musgrave, G., O'Kelly, D., Sherlock, J., Smith, I.K., Wilson, S.S. The TIGER project: a proposal for utilizing industrial waste heat 1-26826
- Musgrave, M.J.P. On an elastodynamic classification of orthorhombic media 1-29612
- Musgrave, V. see Derrick, M. 1-45261
- Mushenko, L.V., Ognyanov, N.V., Razmakhnina, E.M. Granitization, tectonic cycles, and mineralization 1-44152
- Musher, S.L. see Baikov, A.P. 1-15673
- Mushiage, M., Hoshino, H., Tamura, K., Endo, H. Pressure variation of the two-phase region in liquid binary mixtures containing metals 1-30376
- Mushin, I.A. see Mikhail'tsev, A.V. 1-13607
- Mushlin, R.A., Gast, P., Hoff, A.J. Fluorescence-detected X-band EPR spectroscopy of the photosynthetic bacterial triplet state 1-32097
- Mushnick, S. see Stekly, Z.J.J. 1-48872
- Mushotzky, R.F. see Holt, S.S. 1-22892
- Mushotzky, R.F. see Kondo, Y. 1-54609
- Mushotzky, R.F. see McKee, J.D. 1-49827
- Mushotzky, R.F. see Worrall, D.M. 1-49784
- Mushtakova, T.L. see Goldshtein, Ya.E. 1-8430
- Musick, C.R. see Corcoran, W.R. 1-50902
- Musick, Z. see Felde, D.K. 1-5880
- Musielak, Z. see Ehrburger, P. 1-39365
- Musielak, Z., Sikorski, J. Chromospheres of F, G, K type stars IV. The zone model of heating 1-17816
- Musielok, B., Lange, D., Schoneich, W., Hildebrandt, G., Zelwanowa, E., Hempelmann, A., Salmano, G. Ten colour photometry of twelve Ap-stars 1-4918
- Musienko, R.Ya. see Koval', Yu.N. 1-43336
- Musienko, V.T. see Konoplenko, V.P. 1-35334
- Musil, J., Bardos, L., Huleniy, L., Loncar, G. Comparison of oxides prepared in CW and pulse microwave plasma 1-21610
- Musilek, L., Cechak, T., Seda, J. The use of the Monte Carlo method for the calculation of build-up factors in wide conical gamma-radiation beams 1-6114
- Musilek, L., Cechak, T., Seda, J. Empirical formulae for build-up factor calculations in wide conical γ -ray beams 1-20261
- Musilova, J. Piezoreflectance study of E_1 and E_2 transitions in germanium from 107 to 326 K 1-3365
- Musinski, D.L., Henderson, T.M., Simms, R.J., Pattinson, T.R., Jacobs, R.B. Engineering aspects of cryogenic laser-fusion targets 1-45734
- Musiol, G. see Alkhazov, I.D. 1-28507
- Musiol, K. see Stanek, M. 1-51161
- Musiya, V.G., Poshivalova, O.V. Application of homogeneous solutions to investigation of lamellar structures stressed state 1-19564
- Muskalla, K., Pfeiffer, T., Moller, W. A comparison of optical and nuclear methods for the measurement of the thickness of thin metal foils 1-44885
- Musket, R.G., Strausser, Y.E. Detection of monolayer quantities of oxygen on silicon using energy-dispersive X-ray spectroscopy 1-3537
- Musser, M.E., Dahlberg, S.C. Increasing the quantum efficiency of nickel phthalocyanine films by oxygen adsorption 1-25758
- Musser, M.E. see Dahlberg, S.C. 1-12140
- Mussig, H.-J., Arabczyk, H. The interaction of oxygen with the iron (111) surface, mainly studied by AES 1-43704
- Mussig, H.-J., Nahacz, H., Uhlmann, K. Construction of a specimen isolation and gas inlet system for a commercial LEED-AES-device 1-40897
- Mussig, H.-J. see Fehrmann, U. 1-20525
- Mussinelli, G.L. see Mazza, F. 1-39546
- Mussio, P. see Brambilla, P. 1-4624
- Musso, A. see Dellacasa, G. 1-14766
- Musso, A. see Stanovnik, A. 1-23950
- Mustacchi, C., Lamorgese, L., Cena, V., Buckley, S. Comments on 'Thermic diode solar panels' [by S. Buckley with his reply] 1-32044
- Mustafaev, A.S. see Babanin, V.I. 1-26357
- Mustafaev, M.R. see Naziev, Ya.M. 1-14116
- Mustafaev, R.A., Musae, T.P. Investigation of thermal conductivity of liquid formates at high temperatures and pressures 1-16109
- Mustafaeva, S.N. see Abdullaev, G.B. 1-47655
- Mustafae, Dzh.M. The elastic equilibrium of circular ring strained with the plane from another material 1-46671
- Mustafin, M.V. see Klekovkin, V.A. 1-27264
- Mustel', E.R. Quasisteady gas flow from solar active regions and the relationship of coronal holes 1-13754
- Mustroph, H., Epperlein, J., Pietsch, H. An outline and interpretation of the spectral behavior of diazonium compounds 1-15240
- Muslimanbekov, Zh. see Bartke, E. 1-5664
- Muslimanbekov, Zh.Zh. see Aksinenko, V.D. 1-18662
- Musul'manbekov, Zh.Zh. see Nurgozhin, N.N. 1-1008
- Muszynska, J., Papierowska, D., Woznicki, W. Variational calculations of the lowest 4S and 2P states of the Li atom 1-18994
- Muta, A., Takahashi, J., Matsunaga, Y. Properties of some natural graphite fine powders 1-38285
- Muta, T. see Aoki, K. 1-5551
- Muta, T. see Hori, Y. 1-23193
- Mutafitschew, B. Crystal growth and dislocations 1-2377
- Mutafitschew, B. see Bonissent, A. 1-7061
- Mutallimov, Sh.M. A normal shock by hard solid on flexible bonds including the characteristics of external medium 1-37831
- Mutchler, G.S. see Hofsteezer, J.H. 1-41142
- Mutel, R.L., Phillips, R.B. Temporal variation in the compact radio structure of NRAO 150 at 1671 MHz 1-22913
- Mutel, R.L. see Fix, J.D. 1-22820
- Muther, H., Faessler, A., Anastasio, M.R., Holinde, K., Machleidt, R. Noniterative π - π exchange in the nuclear medium 1-5707
- Muther, H. see Dickhoff, W.H. 1-50522
- Muthig, H. see Wegmann, H. 1-28757
- Muthsam, H. see Stepien, K. 1-27514
- Muthusamy, K., Bennett, J.J., Agrawal, S.C. A high pressure blowdown valve with replaceable seat [for He repurifier] 1-14121
- Muthuveerappan, G., Ganesan, N., Veluswami, M.A. Influence of fluid added mass on the vibration characteristics of plates under various boundary conditions 1-1863
- Muthuveerappan, V. Solar energy utilization for grain drying 1-17296
- Muto, H. Flow investigation by laser-doppler velocimeter applied to vertical 180-degree bend of rectangular pipes. I. Measurement of velocity and pressure distribution 1-29776
- Muto, J. see Higuchi, F. 1-26228
- Muto, J.-I., Higuchi, F. The dye effect of RhB/H₂O compared with RhG/PMMA 1-48110
- Muto, S., Suzuki, T., Yamagishi, A., Inaba, H. Fluorescence spectra and fragment emission of dye vapors pumped by a relativistic electron beam 1-19332
- Muto, S. see Gonzalez, A.E. 1-24297
- Muto, Y. see Kobayashi, N. 1-47472
- Mutoh, Y. see Krishnan, V.M.R. 1-37849
- Mutsaers, C.A.H.A. see Boonstra, A.H. 1-38771
- Mutschlechner, J.P. see Dragon, J.N. 1-9447
- Mutsukura, N., Ohkoda, T., Machi, Y. Epitaxial growth of ZnSe by vapor flow focusing method 1-3636
- Mutsukura, N. see Gotoh, T. 1-3643
- Mutsukura, N. see Ohkoda, T. 1-3637
- Mutton, J.E. see Prance, R.J. 1-42914
- Muus, L.T. see Frydkjaer, S. 1-13022
- Muus, L.T. see Hore, P.J. 1-31876
- Muzalev, P.N. see Bulgakov, V.V. 1-23603
- Muzalevskii, E.A. see Marchenko, L.S. 1-20897
- Muzikar, P. Magnetic-field-induced supercurrents in $^3\text{He-A}$ and $^3\text{He-A}$ 1-11942
- Muzil', N.A. see Kornyshev, Yu.D. 1-35135
- Muzychka, Yu.A. see Beyzin, S.D. 1-18702
- Muzychka, Yu.A. see Oganeyan, Yu.Ts. 1-50655
- Muzychuk, O.V. Probability characteristics of a resonant stochastic system 1-44842
- Muzychuk, O.V. see Medvedev, S.Yu. 1-44841
- Muzzio, J.C. see Marraco, H.G. 1-27396
- Muzzio, J.C. see Martinez, R.E. 1-9526
- Muzzio, J.C. see Vega, E.I. 1-9514
- Mwanje, J. Dielectric loss measurements on raw materials 1-14134
- Myagchenko, Yu.A. see Gorban', I.S. 1-29324
- Myalitsyn, V.K. see Abramov, V.V. 1-596
- Myamlin, V.A., Kir'yanov, V.A. The Esin-Markov effect on energetically nonuniform surfaces 1-52645
- Myasishcheva, G.G. see Barsov, S.G. 1-16518
- Myasnikov, A.S. see Alekseev, V.E. 1-33655
- Myasnikov, Yu.A. see Levin, B.M. 1-36715
- Myatt, G. see Allen, P. 1-14367, 1-36856, 1-36857
- Myatt, G. see Blietschau, J. 1-10190
- Myatt, G. see Deden, H. 1-28311
- Myatt, G. see Fritze, P. 1-14431
- Myatt, G. see Grassler, H. 1-50414
- Mycielski, W., Kania, S., Lipinski, A. Dispersive carrier transport in partially oriented p-phenylene layers 1-47771
- Mycielski, W. see Bak, G. 1-7762
- Mycielski, W. see Kania, S. 1-12218
- Mydlarz, T. see Schneider, J. 1-25987
- Mydlarz, T. see Sosnowski, J. 1-38893
- Mydosh, J.A. see Mulder, C.A.M. 1-42976
- Mydosh, J.A. see Shapiro, S.M. 1-12329
- Mydosh, J.A. see Verbeek, B.H. 1-25885
- Myer, G. see Zelac, R. 1-9068
- Myer, J.H. Collimated radiation in conical light guides 1-11085
- Myer, J.H., Ramer, O.G. Diffraction-limited geodesic lens: a search for substitute contours 1-41882
- Myers, A.B., Birge, R.R. The effect of solvent environment on molecular electronic oscillator strengths 1-37262
- Myers, C., Rabiner, L.R., Rosenberg, A.E. Performance tradeoffs in dynamic time warping algorithms for isolated word recognition 1-29472
- Myers, D.B. see Jurist, J.M. 1-13312
- Myers, D.K. Dose response curves for effects of low-level radiation 1-40011
- Myers, D.K., Childs, J.D. Genetic effects of ionizing radiation 1-39972
- Myers, D.K., Johnson, J.R. Nuclear energy and radiation 1-39973
- Myers, K. see Icerman, L. 1-35604
- Myers, M.K. On the acoustic boundary condition in the presence of flow 1-11391
- Myers, M.N., Graff, K.A., Calvin Giddings, J. Application of field-flow fractionation to radioactive waste disposal 1-28635
- Myers, P.C. Asymmetrical ^{13}C lines in dark clouds: evidence for contraction 1-49757
- Myers, P.C., Buxton, R.B. Observations of H₂CO in the Orion Nebula at 1 centimeter wavelength 1-9596
- Myers, P.C., Thaddeus, P., Linke, R.A. A search for interstellar pyrrole: evidence that rings are less abundant than chains 1-32731
- Myers, P.C. see Benson, P.J. 1-49773
- Myers, R., Robinson, J.E., Field, S.B. The relationship between heating time and temperature for inhibition of growth in baby rat cartilage by combined hyperthermia and X-rays 1-22068
- Myers, R.T. Simplified forms of the Myers-London model for intermolecular forces in liquids 1-11649
- Myers, S.M. Implanted and annealed alloys in physical metallurgy 1-7195
- Myers, S.M. Implanted and heat treated alloys in physical metallurgy 1-16809
- Myers, S.M., Follstaedt, D.M., Rack, H.J. Trapping of Sb by TiC precipitates in Fe 1-7389
- Myers, W.D., Mantzouranis, G., Randrup, J. Adiabaticity criterion for charge equilibration with application to fission 1-28505
- Myers, W.D. see Cecil, G. 1-14542
- Myers, W.G. see Tilbury, R.S. 1-17496
- Myerson, J. see Mizin, F.M. 1-39917
- Mygind, J. see Soerensen, O.H. 1-16411
- Myhra, S. Acceptor resonances and electrically active point defects in α -Sn 1-34657
- Myhra, S. see Couzens, D.R. 1-15939
- Myhrer, F. see Mushiustin, I.M. 1-5793
- Mykkeltveit, S., Husebye, E.S., Ofte Dahl, C. Subduction of the Iapetus Ocean crust beneath the More Gneiss Region, southern Norway 1-22320
- Myklebust, K. see Erriques, O. 1-23490
- Myklebust, J.B., Cusick, J.F., Sances, A., Jr., Salles-Cunha, S.X., Macur, R.A. A combination isothermal-hydrogen clearance system for the measurement of local tissue flow 1-53914
- Myklebust, R.L. see Newbury, D.E. 1-4143
- Myklebust, R.L. see Small, J.A. 1-4142
- Mykura, H. see Jones, E.D. 1-20465
- Mykytiuk, A.P. see Sturgeon, R.E. 1-21797
- Mylyla, R. see Karjalainen, L.P. 1-39382

- Mylnikov, A.V.**, Perepelkin, V.A., Shpagin, Yu.V. Sensitivity of UHF wattmeters to stray harmonic signal components 1-23260
- Mylnikov, V.S.**, Voronin, S.P. Current and luminescence oscillation in organic polymers in strong electric fields 1-25742
- Mylnikova, T.S.** see Skidan, B.S. 1-20911
- Mylois, S.** see Christel, L.A. 1-42439
- Myrmin, V.F.** see Golovachov, Yu.P. 1-11442
- Myrnich, H.E.** Guiding-center Hamiltonian for large gyrocrossing particles in mirror configurations 1-6934
- Myrnich, H.E.** Guiding-center Hamiltonian for figure-8 particles in axisymmetric field-reversed configurations 1-6935
- Myojo, T.** see Kanaoka, C. 1-20595
- Myung-Gi So** see Soong-Soon Chun 1-53214
- Myra, J.R.**, Liu, C.S. Self-modulation of ion Bernstein waves 1-19891
- Myren, G.D.**, Mortensen, C.E., Murray, T.L., Iwasubo, E.Y. Tiltmeter observations at Cape Yakutat, Alaska, preceding the St. Elias earthquake, M=7.8, of February 28, 1979 1-49180
- Myrheim, J.** see Bugge, L. 1-28832
- Myron, H.W.** see Sommers, C.B. 1-20618
- Myrak, L.A.** see Emergy, W.J. 1-27194
- Mysen, B.O.**, Seifert, F., Virgo, D. Structure and redox equilibria of iron-bearing silicate melts 1-39010
- Mysen, B.O.**, Virgo, D. Solubility mechanisms of carbon dioxide in silicate melts: a Raman spectroscopic study 1-39067
- Mysen, B.O.**, Virgo, D., Harrison, W.J., Scarfe, C.M. Solubility mechanisms of H₂O in silicate melts at high pressures and temperatures: a Raman spectroscopic study 1-39068
- Mysen, B.O.**, Virgo, D., Scarfe, C.M. Relations between the anionic structure and viscosity of silicate melts—a Raman spectroscopic study 1-16079
- Myshenko, V.V.** see Cherpak, N.T. 1-15135
- Myshenkov, V.I.** Numerical investigation of flow separation ahead of a step 1-19761
- Myshkis, D.A.**, Luzan, E.G. Kinetics of oriented metastable triplet helium states in gas and liquid phases 1-29936
- Myshlyayev, M.M.** Basic processes of creep and their investigation in the EM 1-2457
- Myshlyayev, M.M.**, Khodes, I.I. High-temperature creep and dislocation structure of BCC single crystals 1-12848
- Myshlyayev, M.M.**, Romanov, Yu.A., Il'in, A.I., Khodos, I.I. Creep behaviour of W monocrystals at moderate temperatures 1-48419
- Myshlinski, P.**, Kryszewski, M. The effect of spinel-like structure of polypropylene on the thermally stimulated electret depolarization current 1-26115
- Myslyuk, M.A.**, Yasov, V.G. Flow of a viscoplastic medium in round tubes with a variable cross section 1-51821
- Mysoskii, S.N.** see Grigorov, V.A. 1-37500
- Mysyrowicz, A.** Excitons as a new quantum system 1-2876
- Mysyrowicz, A.**, Hulin, D., Migus, A., Martin, J.L., Astier, R., Antonetti, A. Time resolved resonant two-photon absorption spectroscopy in Cu₂O 1-52966
- Mysyrowicz, A.** see Hulin, D. 1-25641
- Mytarev, N.M.** see Fomin, G.A. 1-31334
- Mytsyk, I.A.** see Zdesenko, Yu.G. 1-1007, 1-5744
- Myung Hun Lee** see McIntyre, C.M. 1-1493
- Myung Hui Chul** see Hui Chul Myung
- Myung-Hwan Whangbo** On the relative stability of the metallic and the insulating states of a half-filled band 1-12012
- Myurk, V.V.** see Kyarner, T.N. 1-21282
- Myzina, V.A.** see Aleksandrov, V.I. 1-38400
- Myzina, V.A.** see Belov, A.V. 1-6674
- Myznikov, K.P.** TeV fixed target proton synchrotron projects 1-14713
- Mzhachikh, V.N.** see Ksenofontova, S.S. 1-7045
- N, A.** Bravo see Bravo N, A.
- N. Yoon Duk** see Duk N. Yoon
- Na, T.Y.** see Chiou, J.P. 1-19691
- Naan, G.G.** see Borisenko, A.I. 1-22652
- Nabar, M.A.**, Phanasaonkar, D.S. Preparation and X-ray powder diffraction studies of triple orthovanadates having langbeinite structure 1-7142
- Nabarro, F.R.N.**, Quintanilha, A.T. Dislocations in superconductors 1-3122
- Nabarro, F.R.N. (editor)** Dislocations in solids, vol.5. Other effects of dislocations: disclinations 1-26
- Nabarro, F.R.N. (editor)** Dislocations in solids, vol.IV. Dislocations in metallurgy 1-27
- Nabatnikov, A.P.** see Nikol'skaya, I.F. 1-15903
- Nabotov, V.V.**, Belyaev, L.M., Dymenko, N.N. Effect of traces of Pb on NaCl crystal fracture by ruby laser radiation 1-7247
- Nabelek, A.K.**, Letowski, T., Mason, D. An influence of binaural hearing aids on positioning of sound images 1-39942
- Naberezhnykh, V.P.** see Zherebchevskii, D.E. 1-47694
- Naberukhin, Yu.I.** see Efimov, Yu.Ya. 1-28984
- Naberukhin, Yu.I.** see Medvedev, N.N. 1-42280
- Nabiev, M.A.**, Azizov, B.M. On calculating coercive force of ferromagnetic materials 1-3219
- Nabiev, Sh.Sh.** see Alimpiev, S.S. 1-46310
- Nabiev, R.F.** see Zverev, A.G. 1-51491
- Naboikin, Yu.V.**, Ogurtsova, L.A. Stimulated emission from mixed molecular crystals at low temperatures (review) 1-3436
- Naboikin, Yu.V.** see Dobrokhotova, V.K. 1-41712
- Naboikin, Yu.V.** see Gorobchenko, V.S. 1-21236
- Naboka, B.G.** Asymptotes of plane electrostatic fields of dielectric wedges with a common apex 1-37381
- Naboko, I.M.** see Eremin, A.V. 1-41479
- Naboko, I.N.** see Eremin, A.V. 1-34033
- Nabutovskii, V.M.**, Belosludov, V.R., Korotkiy, A.M. Behavior of stress tensor close to planar, spherical, and cylindrical interfaces 1-8620
- Nabutovskii, V.M.**, Belosludov, V.R., Korotkiy, A.M. Variation of density in the vicinity of a planar, spherical, or cylindrical interface 1-15940
- Nabutovskii, V.M.**, Nemov, N.A., Peiskovich, Yu.G. Charge-density and order-parameter waves in liquid and solid electrolytes in the vicinity of the critical point 1-2591
- Nabutovskii, V.M.**, Nemov, N.A., Peiskovich, Yu.G. Order parameter and charge density waves near the critical point in an electrolyte 1-34639
- Nabutovskii, V.M.** see Korotkiy, A.M. 1-15054
- Nacci, V.A.** see LeBlanc, L.R. 1-11225
- Nachasova, I.Ye.** see Burakov, K.S. 1-22209
- Nachev, I.** see Kassabov, I. 1-16368
- Nachev, I.S.** see Velchev, N.B. 1-12198
- Nachkebiya, N.A.** see Dzhashishvili, T.V. 1-36148
- Nachman, M.** see Bacal, M. 1-29911, 1-38143
- Nachmias, J.** On the psychometric function for contrast detection 1-39933
- Nachtigall, D.** Physics teacher education in Dortmund 1-27747
- Nachtmann, O.** The classical tests of quantum chromodynamics 1-18426
- Nackaerts, H.** see Vandenberg, H. 1-39844
- Nacoz, P.E.** Time elements in Keplerian orbital elements 1-44413
- Nadasen, A.**, Chant, N.S., Roos, P.G., Carey, T.A., Cowen, R., Samanta, C., Wesick, J. Non-coplanar (p,p α) and (p,d³He) reactions on ¹⁰Be at 101.5 MeV 1-5782
- Nadasen, A.**, Schwandt, P., Singh, P.P., Jacobs, W.W., Bacher, A.D., Debevec, P.T., Kaithuck, M.D., Meek, J.T. Elastic scattering of 80-180 MeV protons and the proton-nucleus optical potential 1-45507
- Nadasen, A.** see Carey, T.A. 1-36938
- Nadasen, A.** see Wang, C.W. 1-5759
- Nadeau, A.** see Cameron, D.G. 1-14184
- Nadeau, J.S.**, Dickson, J.I. Effects of internal stresses due to a dispersed phase on the fracture toughness of glass 1-26599
- Nadeau, R.A.** see Mailloux, G.E. 1-32279
- Nadel, J.A.** see Welsh, M.J. 1-49029
- Nadezhinskiy, A.I.** see Alimpiev, S.S. 1-46310
- Nadezhinskiy, A.I.** see Glushkov, M.V. 1-1239
- Nadezhina, T.N.**, Pobedinskaya, E.A., Belov, N.V. Crystal structure of Sr₂(OH)₂[Cu(OH)₄] 1-20169
- Nadgorniy, E.M.** see Arkhangel'skaya, V.A. 1-26248
- Nadirashvili, Z.Sh.**, Tsakadze, J.S. Investigation of critical velocity of vortex formation in helium II 1-11931
- Nadirashvili, Z.Sh.**, Tsakadze, J.S. How does solid helium rotate? 1-11953
- Nadkarni, D.M.** see Choudhury, R.K. 1-5809
- Nadkarni, D.M.** see Sharma, S.C.L. 1-50667
- Nadler, A.**, Magaritz, M., Mazor, E. Chemical reactions of seawater with rocks and fresh water: experimental and field observations on brackish waters in Israel 1-4547
- Nadler, R.D.**, Detmer, D.E., Sharpe, K.R., Fols, J.F. Microprocessing system analysis of Doppler ultrasound for the diagnosis of peripheral artery disease 1-13299
- Nadolski, S.**, Szymczak, H. Low temperature NMR in domain walls of YFeO₃ 1-12410
- Nador, Cs.** see Szabo, A. 1-27933
- Nadotchi, A.V.** see Volkov, Yu.M. 1-5756
- Nadotchi, B.A.** see Varlamov, V.V. 1-37021
- Nadotov, V.M.** see Gribnev, V.N. 1-12789
- Nadotov, V.M.** see Gribnev, V.N. 1-31504
- Nadyrov, N.A.** see Shchukin, V.K. 1-15530
- Nadyrshin, A.Ya.** see Shaikhutdinov, Z.G. 1-15526
- Nadzhafov, G.N.** see Amiraslanov, I.R. 1-25253, 1-42356, 1-42357
- Nadzhafov, I.M.**, Mirantsev, L.V. Linear polarization of the bremsstrahlung of electrons on the nuclei of a crystal in the presence of off-axis collimation with allowance for the longitudinal polarizations of the initial and final electrons 1-31221
- Naef, P.** see Zimmer, E. 1-23841
- Naef, P.**, Ringel, H., Zimmer, E. Das Trocknen von HTR-Brenn- und Brutstoffpartikeln und Erfahrungen mit einem Bandtrockner (Drying of HTR fissile and fertile particles and experience with a belt dryer) 1-28689
- Naegle, J.R.**, Manes, L., Spiret, J.C., Pellegrini, L., Fournier, J.M. The electronic structure of UAl₃ and UCo₂: a photoemission study 1-48230
- Naemura, S.** Polar and nonpolar contributions to liquid-crystal orientations on substrates 1-42292
- Naerman, M.S.**, Babei, Yu.I., Naerman, Ya.M. Influence of strain hardening grinding on the structure and wear resistance of constructional steels 1-53300
- Naerman, Ya.M.** see Naerman, M.S. 1-53300
- Naess, O.J.** see Lohne, O. 1-21590
- Naff, J.T.**, Sojka, R.J., Zeehandelaar, E.P. Design and performance of a high repetition rate spark gap switch at 50-KW power levels 1-25109
- Nafie, L.A.**, Polavarapu, P.L., Diem, M. Vibrational optical activity in perturbed degenerate modes: concepts and model calculations in 1-substituted haloethanes 1-14861
- Naft, B.N.** see Feinstein, J.G. 1-847
- Naftilan, S.A.**, Drake, S.A. The spectrum of RS Canum Venaticorum 1-32726
- Nag, B.R.** Electron transport in compound semiconductors 1-32813
- Nag, B.R.** see Basu, P.K. 1-25723
- Nag, B.R.** see Chattopadhyay, D. 1-42792
- Nag, B.R.** see Roy, J.B. 1-30804
- Nagabhooshanam, M.** see Dayanand, C. 1-48007
- Nagabhushana, S.** see Manoharan, L.C. 1-22537
- Nagae, Y.** see Miyama, H. 1-8604
- Nagaev, E.L.**, Kovalenko, A.A. Magnetic 'order-order' and 'order-improper disorder' phase transitions 1-7843
- Nagaev, E.L.** see Koroleva, L.I. 1-3209
- Nagaev, R.F.** see Kremer, E.B. 1-37991
- Nagafuji, M.** see Iwai, Y. 1-47242
- Nagahama, F.** see Fukui, Y. 1-45595
- Nagahara, S.** see Katsura, S. 1-3188, 1-27896
- Nagahara, T.** see Yamamoto, H. 1-28410
- Nagahira, Y.**, Matsuki, K., Fukutome, H. Charge transfer interaction and hydrogen bonding between vitamin K₁ and dihydrovitamin K₁ 1-39120
- Nagai, F.** A model of hot loops associated with solar flares. I. Gasdynamics in the loops 1-36258
- Nagai, H.**, Murai, T., Mitani, H. Effect of addition of La or Y with Si on the high-temperature oxidation of Fe-20Cr alloy 1-8489
- Nagai, H.**, Okabayashi, M. High-temperature oxidation of Ni-20Cr alloys with dispersion of various reactive metal oxides 1-53363
- Nagai, H.**, Okabayashi, M., Mitani, H. The effects of rare earths and reactive elements on the oxidation resistance of Ni-20 Cr alloy 1-16980
- Nagai, H.** see Kanazawa, K. 1-8436
- Nagai, H.** see Matsukawa, T. 1-33703
- Nagai, H.** see Nakano, Y. 1-15185
- Nagai, H.** see Noguchi, Y. 1-46376
- Nagai, H.** see Ogushi, T. 1-16397
- Nagai, H.** see Shin-ichi Takahashi 1-53110
- Nagai, H.** see Tokunaga, M. 1-51479
- Nagai, K.** Microscopic derivation of orbital hydrodynamic equations in superfluid ³He-A 1-11947
- Nagai, K.**, Akazawa, H., Idogawa, T. Crosscorrelation speed-measurement using ITV camera 1-242
- Nagai, K.**, Kawaguchi, K., Yamada, C., Hayakawa, K., Takagi, Y., Hirota, E. A high-precision wavelength meter for tunable diode laser—measurements of CO₂ and N₂O bands at 10 μ m 1-36637
- Nagai, K.** see Fujimori, S. 1-53094
- Nagai, K.** see Hoigaard Jensen, H. 1-33985
- Nagai, K.** see Matsumura, K. 1-37194
- Nagai, M.**, Fujitsu, S., Kanazawa, T. Ionic conductivity in the system NaZr₂(PO₄)₃·Na₂Y₂(PO₄)₃ 1-2677
- Nagai, M.** see Kato, I. 1-15645
- Nagai, M.** see Tsukui, K. 1-50775
- Nagai, N.** see Motegi, H. 1-12462
- Nagai, R.** Three-dimensional solutions of Poisson's equation and a definite-integral formula with respect to Legendre's polynomials 1-13862
- Nagai, S.**, Kondo, J. Electrons in infinite one-dimensional crystals in a uniform electric field 1-16263
- Nagai, S.** see Ishikawa, T. 1-16771
- Nagai, Y.** see Ejiri, H. 1-33237
- Nagaiah, B.**, Sirdeshmukh, D.B. Debye temperature of some solid solution series with the NaCl structure 1-20345

- Nagaishi, T., Yoshimura, J., Matsumoto, M., Yoshinaga, S. Thermal decomposition of the addition compound of potassium carbonate with hydrogen peroxide 1-26731
- Nagaiwa, K. *see* Fukukita, H. 1-53882
- Nagakawa, J., Meshii, M. Rationalization of softening and hardening effects by interstitial atoms in B.C.C. metals 1-21499
- Nagakura, I. *see* Kakizaki, A. 1-35141
- Nagakura, S. *see* Matsui, K. 1-33492
- Nagalingam, S., Vasudevan, S., Ramasamy, P., Laddha, G.S. Growth on perfect sharp singular interfaces 1-20085
- Nagalingam, S., Vasudevan, S., Ramasamy, P., Laddha, G.S. Nucleation in quiet supersaturated ADP solutions 1-52098
- Nagalingam, S. *see* Dooling, T.R. 1-38190
- Nagamachi, S. *see* Matsuo, N. 1-707
- Nagami, M., Shimada, M., Yokomizo, H., Seki, S., Konoshima, S., Fujisawa, N., Ohara, Y., Sugawara, T., Brooks, N.H., Groebner, R., Seraydarian, R., Kitsuenezaki, A. Formation of de-shaped plasmas with single-null poloidal divertor in Doublet III 1-15637
- Nagami, M. *see* Iizuka, S. 1-6996
- Nagami, M. *see* Yamauchi, T. 1-25046
- Nagamine, K. *see* Hayano, R.S. 1-26104
- Nagamiya, S. *see* Taniguchi, I. 1-18669
- Nagamoto, C.T. *see* Rosinski, J. 1-49359
- Nagamura, T. Process in the source region of the Izu-Oshima-Kinkai earthquake of 1978 1-27095
- Nagamura, T., Takayanagi, T., Matsuo, T. Weak interactions at the photoexcited states of partially oriented aromatic chromophores in man-made bilayer membranes 1-4123
- Nagano, H. Evaluation of localized corrosion resistance of stainless steels 1-48573
- Nagano, H., Oda, Y., Fujii, G. A novel thermometer sensor for the mK region using the proximity effect 1-44922
- Nagano, H. *see* Oda, Y. 1-3096, 1-7789
- Nagano, K. *see* Dazai, M. 1-41862
- Nagano, M., Hayashi, Y., Ohtani, N., Isshiki, M., Iaki, K. Diffusion of hydrogen and deuterium in high purity iron between 222 and 322K 1-47298
- Nagano, S., Ichimaru, S. Sum rule and hydrodynamic analyses of the velocity autocorrelation function in strongly coupled plasmas 1-11516
- Nagano, S., Ichimaru, S., Itoh, N. Correlational properties of two-dimensional electron systems in the surface of liquid helium 1-7415
- Nagano, T., Kurata, K. A model of the complex cell based on recent neurophysiological findings 1-17386
- Naganuma, K. *see* Ishida, Y. 1-46409
- Naganuma, M., Miyazawa, S. Surface reaction phenomena during MBE growth of GaSb on GaAs 1-31356
- Nagao, H. *see* Sasaki, T. 1-41277
- Nagao, N. Droplet model for the three-dimensional Ising model 1-16017
- Nagao, S. *see* Watanabe, H. 1-11585
- Nagaoka, K., Isano, T., Kawai, Y. Anodic polarization at the grain boundary region and aging embrittlement by stress-corrosion in Al-Zn-Mg alloys in 3%NaCl aqueous solution 1-43479
- Nagaoka, S., Hirota, N. A single crystal EPR study of the $^3\pi\pi^*$ benzaldehyde in benzoic acid host 1-47928
- Nagaoka, S. *see* Ikada, Y. 1-34550
- Nagaoka, Y. *see* Takasagawa, K. 1-7599
- Nagara, H., Miyagi, H., Nakamura, T. Structural phase transition of high-density hydrogen at zero temperature. I 1-20505
- Nagara, H. *see* Miyagi, H. 1-16243
- Nagara, H. *see* Niki, H. 1-11954
- Nagaraj, V.T. *see* Venkatesan, C. 1-51717
- Nagarajan, P.S. *see* Dhairiyawan, M.P. 1-10596
- Nagarajan, P.S. *see* Kumar, A. 1-6066
- Nagarajan, R. Thermodynamics of surfactant-polymer interactions in dilute aqueous solutions 1-30022
- Nagarajan, R., Sampathkumaran, E.V., Gupta, L.C., Vijayaraghavan, R., Bhaktadarshan, Padalia, B.D. X-ray absorption spectroscopic study of a mixed valence system, EuPd_2Si_2 1-43218
- Nagarajan, S. *see* Namasivayam, R. 1-33440
- Nagarajan, T. *see* Ramasamy, S. 1-31226
- Nagarathna, H.M. *see* Jagadeesh, M.S. 1-52778
- Nagaratnam, A. *see* Jain, M.P. 1-53905
- Nagasaka, H. *see* Osaka, T. 1-31369
- Nagasaka, K. *see* Cheney, R.E. 1-32446
- Nagasaka, K. *see* Yamanaoka, M. 1-19970
- Nagasaka, S., Kamikawa, T. Off-center instability induced by exchange forces 1-2928
- Nagasawa, A. *see* Matsuo, Y. 1-11858
- Nagasawa, E., Okabayashi, H. Electromigration and ohmic contact properties of the magnetron-sputtered Al-2%Si alloy films 1-34501
- Nagasawa, H., Takahashi, T., Maruyama, K., Erata, T. NMR and EPR studies on quasi-one-dimensional conductor $\beta\text{-M}_2\text{V}_2\text{O}_6$ 1-47961
- Nagasawa, H. *see* Fujimori, A. 1-21069
- Nagasawa, H. *see* Suzuki, T. 1-43213
- Nagasawa, K., Matsushita, Y., Kishino, S. A new intrinsic gettering technique using microdefects in Czochralski silicon crystal: a new double preannealing technique 1-15886
- Nagasawa, K. *see* Kishino, S. 1-271
- Nagasawa, K. *see* Matsumoto, H. 1-12191
- Nagasawa, S. *see* Hayashi, K. 1-39945
- Nagasawa, T. *see* Nakamura, M. 1-26870
- Nagasawa, T. *see* Nishida, Y. 1-15612, 1-24929
- Nagase, F. *see* Matsuo, K. 1-22927
- Nagase, F. *see* Murakami, T. 1-27633
- Nagashima, A. *see* Shimada, M. 1-11539
- Nagashima, A. *see* Yamanaoka, M. 1-19970
- Nagashima, H. Chaotic states in the Belousov-Zhabotinsky reaction 1-39614
- Nagashima, J., Andrews, D.G. An application of information divergence to nuclear reactor noise analysis 1-753
- Nagashima, K., Asakura, T. Enhancement of fluorescence intensities of Tb^{3+} and Eu^{3+} in POCL-SnCl_4 1-1162
- Nagashima, T. *see* Iizuka, S. 1-6996
- Nagashima, T. *see* Imai, T. 1-11575, 1-51963
- Nagashima, T. *see* Shimada, M. 1-11539
- Nagashima, T. *see* Suzuki, N. 1-25039
- Nagashima, T. *see* Uehara, K. 1-38086
- Nagashima, Y. *see* Asano, Y. 1-1022
- Nagashima, Y. *see* LEE, S.M. 1-36975
- Nagata, A., Izumiya, A., Izumi, O. Superconducting properties of in situ Cu-Nb₃Sn composites 1-8354
- Nagata, A., Liu, M., Izumi, O. Influence of Ga addition on superconducting properties of in situ Cu-20 mass%Nb-Sn composites 1-42894
- Nagata, A., Yamaguchi, S., Hirano, K. Control of toroidal expansion of high beta plasma column in pinch Tokamak by programmed pulsed vertical field 1-11590
- Nagata, A., Yamaguchi, S., Hirano, K.-i. Control of toroidal expansion of a high beta plasma column in a pinch Tokamak by programmed pulsed vertical field 1-42194
- Nagata, A. *see* Liu, M. 1-25821
- Nagata, H., Matsui, T., Ichikawa, M. Velocity field of the flow around a circular cylinder started impulsively. II. Unsteady boundary layers 1-11377
- Nagata, H., Matsui, T., Yasuda, H. Velocity field of the flow around a circular cylinder started impulsively. I. Outer potential flow 1-11376
- Nagata, I., Katoh, K. Effective UNIQUAC equation in phase equilibrium calculation 1-38490
- Nagata, K., Goto, K.S., Sato, K. Kinetics of the solid state reaction between zinc oxide and aluminum oxide 1-12962
- Nagata, K., Goto, K.S., Tsuchiya, N., Tokuda, M., Ohtani, M. Discussion of 'coupling phenomena' in the transfer of elements between a gas phase and iron melts [and reply] 1-48676
- Nagata, K., Uehara, S., Matsuda, A., Takayanagi, H. Nb based Tc barrier Josephson junctions 1-52711
- Nagata, K. *see* Iio, K. 1-12304
- Nagata, K. *see* Matsushige, K. 1-47233
- Nagata, K. *see* Tanaka, H. 1-52833
- Nagata, K. *see* Yamamoto, I. 1-25865
- Nagata, M. Orchestra shell in multi-purpose auditorium 1-24600
- Nagata, M., Miyachi, I., Yokoi, Y., Isaka, K. Breakdown characteristics of high temperature air and SF_6 gas 1-15700
- Nagata, M. *see* Hihara, G. 1-15810
- Nagata, M. *see* Kubo, H. 1-10920
- Nagata, S., Galazka, R.R., Mullin, D.P., Akbarzadeh, H., Khattak, G.D., Furdyna, J.K., Keesom, P.H. Magnetic susceptibility, specific heat, and the spin-glass transition in $\text{Hg}_{1-x}\text{Mn}_x\text{Te}$ 1-16455
- Nagata, S., Keesom, P.H., Kuwamoto, H., Otsuka, N., Sato, H. Magnetic susceptibility of V_2O_7 between 1 and 120K 1-34870
- Nagata, S. *see* Galazka, R.R. 1-12294
- Nagata, S. *see* Ohno, Y. 1-48830
- Nagata, S. *see* Omura, I. 1-39299
- Nagata, S. *see* Tomimaga, S. 1-5093, 1-23400
- Nagata, T., Okamura, Y., Katoh, E., Mukoyama, Y. Single-electron-capture cross sections for 0.4-5.0 keV He^+ ions incident on alkali-vapor targets 1-33553
- Nagata, T. *see* Ibe, E. 1-10499
- Nagata, Y. Optical fiber-report on the status of present fiber optic technology. I 1-19445
- Nagata, Y. Fiber optic transmission system: report on the status of present fiber optic technology. II 1-29394
- Nagatani, K. *see* Kim, B.T. 1-36937
- Nagatani, K. *see* Takada, E. 1-41137
- Nagatani, T. Effective permittivity in random anisotropic media 1-7991
- Nagatomo, T., Katsuta, S., Omoto, O. Life tests of $\text{SnO}_2/\text{n-Si}$ and $\text{ITO}/\text{p-Si}$ solar cells 1-4189
- Nagatsu, T. *see* Hosoya, Y. 1-4565, 1-4598
- Nagatsuka, S. *see* Nakazawa, T. 1-32198
- Nagatsuma, K. *see* Takeuchi, H. 1-3334
- Nagaya, K. *see* Hirano, Y. 1-24718
- Nagayama, K. New method of magnetic flux compression by means of the propagation of shock-induced metallic transition in semiconductors 1-44961
- Nagayama, K., Kumar, A., Wuthrich, K., Ernst, R.R. Experimental techniques of two-dimensional correlated spectroscopy 1-19219
- Nagdaev, E.N. *see* Bondarenko, L.A. 1-42362
- Nagel, D.A. *see* Piziali, R.L. 1-17434, 1-49051
- Nagel, D.A. *see* Seering, W.P. 1-17435
- Nagel, D.J. *see* Williams, R.T. 1-3466, 1-31166
- Nagel, H. *see* Drews, G. 1-10229
- Nagel, J. Generalised Slobodetzki space and semi-infinite space 1-5088
- Nagel, J., Rogovin, D. Analytic variational method for determining the modes of marginally stable resonators 1-41751
- Nagel, J. *see* Rogovin, D. 1-42921, 1-52720
- Nagel, P.B. *see* Mateja, J.F. 1-33268
- Nagel, S.R. *see* Carini, J.P. 1-30727, 1-52547
- Nagel, S.R. *see* Clarke, R. 1-34241
- Nagel, S.R. *see* Grest, G.S. 1-30043, 1-38478
- Nagel, S.R. *see* Walker, K.L. 1-26391
- Nagel, W. *see* Schwan, L.O. 1-3258
- Nagelberg, A.S. *see* Farrow, R.L. 1-31159
- Nagelberg, A.S. *see* Ottesen, D.K. 1-31158
- Nagele, W., Hohlwein, D., Domann, G. Structural and magnetic phase transitions in TbPO_4 studied by neutron diffraction 1-12298
- Nagele, W. *see* Le Dang, K. 1-31052
- Nagell, J.R.van, Jr. *see* van Nagell, J.R., Jr.
- Nagels, J., Landsfer, F.J., Van Der Linden, L., Clement, J., Van De Weestjine, K.P. Mechanical properties of lungs and chest wall during spontaneous breathing 1-26929
- Nagels, P. Experimental Hall effect data for a small-polaron semiconductor 1-34726
- Nagendra, G.K. *see* Pao, Y.C. 1-22049
- Nagendra Singh. Resonance cones in non-Maxwellian plasmas 1-2203
- Nager, C. *see* Muller, W. 1-1273
- Nageswar, S. *see* Subramanian, K. 1-43283, 1-48283
- Naghdhi, A.K., Gersting, J.M., Jr. Stress and displacements at the intersection of two right cylindrical shells subject to a nonequilibrium loading 1-19580
- Naghdhi, P.M. On the role of the second law of thermodynamics in mechanics of materials 1-15374
- Nagi, A.D.S. *see* Mohabir, S. 1-34831
- Nagibarov, I.A. *see* Hatsagortsyan, A.Z. 1-16604
- Nagibina, I.M., Il'inskaya, T.A., Kazak, V.L. Investigation and practical application of holographic topographic interferograms 1-15094
- Nagiev, V.M. Electronic characteristics of phosphate-vanadate semiconducting glasses with various contents of alkali metal oxides [ESR study] 1-34928
- Nagin, P.A., Schwartz, B. Approaches to image analysis of the optic disc 1-53855
- Nagireddy, K. *see* Agarwal, M.K. 1-34706
- Nagirner, D.I. Calculation of the spectrum of the integral equation of radiative transfer. II. Plane layer of finite optical thickness 1-9358
- Nagl, A., Ueberall, H. Theory of pion photoproduction in ^2C 1-14516
- Nagle, D.E. *see* Lockyer, N. 1-18503
- Nagle, J.F., Mille, M. Molecular models of proton pumps 1-48954
- Nagle, J.F. *see* Ehrenberg, B. 1-48949
- Nagle, J.S. Core 14220 and the lateral continuity of soils at Apollo 14 Station G 1-4789
- Naglyuk, Ya.V., Popov, V.P., Sandler, L.M. Oxygen effect on magnetic rolling-induced anisotropy in Ni_3Fe single crystals 1-3171
- Naglyuk, Ya.V., Sandler, L.M. Magnetic anisotropy and dislocation structure of Fe-3% Si single crystals 1-11750
- Nagnoiny, V.K. *see* Titov, S.P. 1-31978
- Nagornik, S.N. *see* Kurov, I.E. 1-16672
- Nagorny, K., Billker, D. Mossbauer spectroscopic investigation of Au-197 in homogeneous and supersaturated iron-gold mixed crystals 1-21102
- Nagornyi, V.G., Pleshakov, V.G. Geometrical aspects of instrumental factors in recording X-ray spectra on diffractometers. I. Integral relation between true and experimental spectra, taking account of collimation factors (reflection and transmission schemes) 1-29979
- Nagornyi, V.G. *see* Shmakova, E.S. 1-34469
- Nagornyi, V.Ya. *see* Nemoshkalenko, V.V. 1-20620, 1-48197
- Nagorskaya, N.D. *see* Molchanova, L.V. 1-16758
- Nagorskiy, P.M. Effect of subsonic noise from weak earthquakes on the spectrum of a radio signal reflected from the ionosphere 1-22582
- Nagourney, S.J. *see* Bogen, D.C. 1-53742
- Nagpal, O.P. *see* Deshpande, M.R. 1-54309
- Nagpal, K.K. *see* Chakravarti, S.K. 1-10594, 1-40637
- Nagpal, K.K. *see* Sharma, K.K. 1-35970
- Nagpal, L.K. *see* Kishan, P. 1-38932
- Nagraba, S. *see* Kaliski, S. 1-34095
- Nagrelli, V.E. Conditions of the origin and development of plastic deformations in the problem of unidimensional thermoelastoplastic waves in a half-space 1-11347
- Nagrelli, V.E. Thermal shock on the boundary of a semi-infinite elastic-plastic body 1-29579

- Nagtegaal, J.C.**, de Jong, J.E. Some computational aspects of elastic-plastic large strain analysis 1-24707
- Nagtegaal, J.C.**, de Jong, J.E. Some computational aspects of elastic-plastic large strain analysis 1-29570
- Nagumo, M.**, Morikawa, H., Okumura, N., Kawashima, Y. Strengthening of low carbon low alloy steels by rolling at austenite-ferrite two phase regions 1-35283
- Nagumo, S.** see Kasahara, J. 1-9271, 1-44315
- Nagy, A.F.** see Brinton, H.C. 1-36205
- Nagy, A.F.** see Elphic, R.C. 1-4803
- Nagy, A.Z.**, Vasvari, B., Duwez, P., Bakos, L., Bogancs, J., Nazarov, V.M. Variation of boron concentration in metallic glass ribbons 1-21820
- Nagy, D.** Gravity anomalies, deflections of the vertical and geoidal heights for a three-dimensional model 1-13376
- Nagy, D.** see Vanicek, P. 1-49255
- Nagy, E.** Experimental quark physics 1-485
- Nagy, E.**, Borlai, O., Ujhidy, A. Membrane permeation of water-alcohol binary mixtures 1-21777
- Nagy, I.** see Tarnoczi, T. 1-3179
- Nagy, J.A.** see Zientara, G.P. 1-39868
- Nagy, L.** see Kosza, G. 1-8233
- Nagy, L.T.** see Turi, L. 1-53227
- Nagy, M.** see Horkay, F. 1-53227
- Nagy, M.F.** see Martin, B.D. 1-26640
- Nagy, M.R.**, Abd El-Salam, F., Habib, N.D., Kamel, R. Grain boundary sliding as the origin of superplasticity in commercially pure aluminum 1-53235
- Nagy, P.** AC conductivity and optical absorption in chalcogenide glasses 1-16286
- Nagymihalyi, D.** see Rozsa, S. 1-27959
- Nagymihalyi, D.** see Tabor, P. 1-23181
- Nahabedian, R.** see Elbaz, E. 1-50393
- Nahacz, H.** see Mussig, H.-J. 1-40897
- Nahamoo, D.**, Crawford, C.R., Kak, A.C. Design constraints and reconstruction algorithms for traverse-continuous-rotate CT scanners 1-49104
- Nahar, N.M.**, Garg, H.P. Free convection and shading due to gap spacing between an absorber plate and the cover glazing in solar energy flat-plate collectors 1-39820
- Nahawi, S.** El see El Nahawi, S.
- Nahlerstadt, N.**, Tramer, A. Time-resolved study of intramolecular vibrational redistribution in p-difluorobenzene 1-33580
- Nahm, W.** Virtual stationary points 1-14242
- Nahm, W.** A critique of astrophysical applications of Hagedorn's bootstrap 1-18456
- Nahmad-Achar, E.** see Ley-Koo, E. 1-22974
- Nahon, F.S.** Collision orbits in the restricted problem 1-44417
- Nahon, J.** see Cohen, M. 1-19014
- Nahory, R.E.** see Degani, J. 1-45004
- Nahory, R.E.** see Laufer, P.M. 1-21172
- Nahory, R.E.** see Leheny, R.F. 1-45008
- Nahory, R.E.** see Shah, J. 1-3449
- Nahum, J.** see Bryant, F.J. 1-35101
- Nai-Ben Ming** see Duan Feng 1-15217
- Nai-feng Mao** see Mao Nai-feng
- Nai-Teng Yu** see Srivastava, R.B. 1-43853
- Nai-Xian Qiu** see Qiu Nai-Xian
- Nai-Xun Tang** see Tang Nai-Xun
- Nai-yan Yao** see Yao Nai-yan
- Nai-zhi Bai** see Bai Nai-zhi
- Naida, A.P.** see Gabovitch, M.D. 1-50269
- Naiden, E.P.** see Zhilyakov, S.M. 1-20961, 1-52780
- Naidenov, V.I.** see Aleksapol'skii, N.B. 1-46810
- Naidenov, Ya.B.** see Podgornii, A.N. 1-37855
- Naidu, B.S.**, Sharma, A.K., Sastry, D.V.K., Syamalamba, Y., Reddy, P.J. Physical investigations on amorphous film of some semiconducting compounds 1-34704
- Naidu, G.T.** see Murthy, N.S. 1-10680
- Naik, A., Le, D., Dhir, V.K.** Forced-flow evaporative cooling of a volumetrically heated porous layer 1-10476
- Nail, M.C.**, Paul, A.R., Kaimal, K.N.G. Migration and trapping of fission xenon in uranium-doped thorium 1-34375
- Nail, M.S.**, see Khemani, L.T. 1-21954
- Nail, P.**, Rajeshwara Rao, N. Raman intensity analysis of the molecules: CH₄, CD₄, CHD₃, CD₂H, CH₂D₂, C₂H₆ and C₂D₆ 1-45967
- Nail, P.C.** see Jena, P.K. 1-5117
- Nail, P.K.**, Kagal, V.G., Vernia, S.L., Mhaskar, S.P. Entrapment of inert gas ions near molybdenum surface 1-30543
- Naik, S.**, Reddy, C.V.G. Calcium phosphate saturation in the western Bay of Bengal 1-54142
- Nail, M.** see Valat, P. 1-51545
- Nail, T.** see Girshick, F. 1-28384
- Naimi, E.K.** The Maxwell pendulum 1-59
- Naimpally, A.**, Derry, A.D., Sutherland, J.P., Tsang, K.W. A study of the critical time exposure to cold environments for prematurely born infants 1-32100
- Nain, V.P.S.** A modified form of L-J (12-6) potential energy function for polyatomic molecules at moderately high temperatures 1-51259
- Nair, K.** Ravindran see Ravindran Nair, K.
- Nair, M.N.S.** see Joseph, K.B. 1-45234
- Nair, M.V.** Harindranathan see Harindranathan Nair, M.V.
- Nair, N.G.K.**, Gaur, V.K., Khattri, K.N., Sinvhal, H. Plate junctions and hydrocarbon accumulations in the Indian region 1-53526
- Nair, R.**, Wrede, D.E. Depth dose data for 4 MeV linear accelerators with lead or uranium field flatteners 1-49126
- Nair, S.C.K.** see Rameshan, P. 1-33225
- Nair, T.K.M.**, Sadeghi, A. Simulation of extended mantle field by tray shift technique 1-53859
- Nairn, A.E.M.**, Schmitt, T.J., Smithwick, M.E. A palaeomagnetic study of the Upper Mesozoic succession in Northern Tunisia 1-53975
- Nairn, J.A.**, Friesner, R., Frank, H.A., Sauer, K. A new approach to the theory of linear dichroism in partially ordered systems. Application to reaction centers and whole cells of photosynthetic bacteria 1-13220
- Naithani, U.C.**, Semwal, B.S. Electric field dependence of the Curie temperature and microwave absorption in displacive ferroelectrics with impurities. II 1-16534
- Naito, H.**, Okuda, M., Matsushita, T., Nakau, T. The density of localized states in amorphous In₂Se₃ thin films 1-25663
- Naito, K.**, Tsuji, T., Ouchi, K., Yahata, T., Yamashita, T., Tagawa, H. Electrical conductivity anomaly in near-stoichiometric plutonium dioxide 1-20727
- Naito, K.**, Tsuji, T., Watanabe, S. The control of very low oxygen partial pressures with stabilized zirconia cell 1-35595
- Naito, N.**, Ando, Y., Yamamoto, F., Takeuchi, E. Estimation of fuel channel inlet flow rate by noise analysis 1-740
- Naitou, H.**, Tokuda, S., Kamimura, T. Initial particle loadings for a nonuniform simulation plasma in a magnetic field 1-38140
- Najim, N.N.** see Budding, E. 1-13765
- Najzer, M.**, Glumac, B., Pauko, M. Many channel spectrum folding 1-50708
- Nak Bae Kim**, Hae-ill Bak, Chul Lee Determination of impurities in aluminium by neutron activation analysis 1-8632
- Naka, K.** A class of catfish amacrine cells responds preferentially to objects which move vertically 1-13240
- Naka, M.** The thermal stability and related properties of iron-base glasses 1-20066
- Naka, M.** Effect of metalloidal elements on the microhardness of iron-base glasses 1-48472
- Naka, M.**, Hashimoto, K., Asami, K., Masumoto, T. Corrosion behavior of amorphous iron-base alloys 1-35425
- Naka, M.**, Matsumoto, T., Chen, H.S. Effect of metalloidal elements on strength and thermal stability of iron-base glasses 1-35354
- Naka, M.** see Asami, K. 1-21628
- Naka, M.** see Wagner, H.G. 1-31073
- Naka, S.**, Kojima, S., Kaseno, H. Superfield approach to systems of two and three spinning particles 1-14266
- Naka, S.** see Goto, T. 1-105, 1-10150
- Naka, S.** see Takeda, Y. 1-2387
- Nakabushi, H.**, Kataokase, I., Miseki, K., Matsuo, T., Takahashi, N., Matsuda, H. A target ion source for on-line mass separation 1-28766
- Nakach, R.**, Pavlenko, V.P., Weiland, J., Wilhelmsson, H. Nonlinear stationary interchange modes in a plasma 1-42169
- Nakach, R.** see Gell, Y. 1-2208
- Nakachi, K.**, Ishikawa, K., Suzuki, H. On the deformed excited state of retinal 1-48955
- Nakada, I.** Conducting polymer single crystals; growth and properties ([SN])₁ 1-21335
- Nakada, I.** see Mitani, T. 1-8088
- Nakada, I.** see Oda, Y. 1-7789
- Nakada, I.** see Tokura, Y. 1-48108
- Nakada, S.** see Tokura, Y. 1-38825
- Nakadate, S.**, Magome, N., Honda, T., Tsujiuchi, J. A hybrid holographic interferometer 1-1329
- Nakadate, S.**, Yatagai, T., Saito, H. Digital speckle-pattern shearing interferometry 1-33043
- Nakadate, S.** see Honda, T. 1-19286
- Nakae, H.** see Okada, A. 1-53197
- Nakagaki, M.**, Ailuri, S.N. Elastic-plastic analysis of fatigue crack closure in modes I and II 1-46697
- Nakagawa, H.** Computer aided measurement system of ESCA spectra 1-26778
- Nakagawa, H.**, Mori, Y., Hijikata, K. Small amplitude pressure waves in subsonic and supersonic bubble flows in convergent-divergent nozzles 1-19783
- Nakagawa, H.**, Nezu, I. Structure of space-time correlations of bursting phenomena in an open-channel flow 1-51872
- Nakagawa, H.**, Shibata, S., Hiramatsu, S., Uchino, K., Takashima, T. Beam-loss monitoring system with free-air ionization chambers 1-981
- Nakagawa, J.** see Hayashi, M. 1-51188
- Nakagawa, K.**, Kotani, M., Tanaka, H. Detrapping of charge carriers by singlet excitons in naphthalene single crystals 1-25756
- Nakagawa, K.**, Maeda, K., Takeuchi, S. Plastic deformation of CdTe single crystals. I. Microscopic observations 1-26547
- Nakagawa, K.**, Matsuda, A., Tanaka, K., Izizima, S. Preparation of amorphous silicon films and their properties. II. Reactive sputtering of a-Si:H films and their properties 1-43260
- Nakagawa, K.**, Sakamoto, T., Yamamoto, K. Fracture of cement-mortar plates under in-plane impacting load by an explosive and its numerical simulation 1-3897
- Nakagawa, K.**, Takeshima, M., Ebisawa, F. Hydraulic pressure buckling in plastic coated optical fibre 1-1699
- Nakagawa, K.**, Tomita, Y., Asakura, T. An elongated structure of speckle patterns in polychromatic laser light 1-41580
- Nakagawa, K.** see Kamiuto, K. 1-19798
- Nakagawa, K.** see Okushi, H. 1-8709
- Nakagawa, K.** see Suzuki, K. 1-52139
- Nakagawa, K.** see Takahashi, Y. 1-8398
- Nakagawa, K.** see Tomita, Y. 1-6461, 1-6465, 1-6504
- Nakagawa, M.** see Matsuda, M. 1-545
- Nakagawa, S.**, Shirakata, H., Yamao, M., Sakai, T. Considerations on speaker grouping by sex and age for automatic speech recognition 1-46636
- Nakagawa, S.** see Maki, T. 1-26453
- Nakagawa, S.** see Ukita, T. 1-37728
- Nakagawa, T.** On periodic vortices over a concave semicircular wall fixed in a rotating tank 1-1993
- Nakagawa, T.** Neutron data evaluation system, NDES 1-33369
- Nakagawa, T.** see Hanawa, K. 1-35218
- Nakagawa, T.** see Nishikawa, T. 1-43460
- Nakagawa, T.** see Sekine, N. 1-10382
- Nakagawa, Y.** Evolution of solar magnetic fields: a new approach to MHD initial-boundary value problems by the method of nearcharacteristics 1-9449
- Nakagawa, Y.** Electro-optical deflector with ZnO thin film 1-19417
- Nakagawa, Y.** Continuous observation of EEG patterns at night and in daytime of normal subjects under restrained conditions. I. Quiescent state when lying down 1-26887
- Nakagawa, Y.**, Miura, S., Goto, T., Syono, Y. Generation of ultrahigh magnetic fields by small-scale single-shot experiments 1-34181
- Nakagawa, Y.**, Mori, H. A study of the underground structure of Kagami-hara City by means of a geo-electric survey 1-32411
- Nakagawa, Y.**, Usami, K., Minato, A., Tamamura, T., Sasaki, R., Naruse, A. Effects of surface finish on residual stress distribution and stress corrosion cracking susceptibility of type 304 austenitic stainless steel in a boiling 42% MgCl₂ solution 1-43616
- Nakagawa, Y.** see Inazumi, M. 1-47982
- Nakagawa, Y.** see Tanaka, K. 1-3894
- Nakagawa, Y.** see Toda, H. 1-35018
- Nakagawa, Y.** see Yamamoto, K. 1-2104
- Nakagawa, Y.G.** see Nemoto, M. 1-3724
- Nakagawa, Z.** see Kamizono, H. 1-43385
- Nakagawa, Z.** see Kanazaki, S. 1-26485
- Nakagawa, Z.** see Ohta, S. 1-43305
- Nakagiri, K.** see Urabe, S. 1-36611
- Nakagiri, M.**, Yamashita, Y. Photometric observations of Honda-Kuwano object in Vulpecula 1-36310
- Nakagiri, N.** see Nomura, M. 1-44948
- Nakagome, H.** see Ando, H. 1-45012
- Nakagome, H.** see Sasa, N. 1-45011
- Nakagome, Y.** see Bicknell, P.A. 1-23972
- Nakagome, Y.** see Matsumura, H. 1-3622, 1-53090
- Nakagomi, T.** Measurement-theory approach to an internal energy function 1-36593
- Nakagomi, T.** see Hasegawa, H. 1-23133, 1-36595
- Nakagomi, T.** see Toriyama, K. 1-38279
- Nakahara, H.** see Yanokura, M. 1-45516, 1-51058
- Nakahara, I.** see Kawakami, T. 1-11306
- Nakahara, I.** see Matsumoto, H. 1-46699
- Nakahara, I.** see Ujihashi, S. 1-24717
- Nakahara, J.** see Tanino, H. 1-48064
- Nakahara, K.** see Shoda, K. 1-23563
- Nakahara, M.** see Chida, K. 1-41895
- Nakahara, M.** see Fujita, T. 1-7407
- Nakahara, M.** see Kimura, T. 1-41847
- Nakahara, M.** see Ohmi, T. 1-42600
- Nakahara, M.** see Suda, H. 1-6664
- Nakahara, M.** see Yoshida, K. 1-11198
- Nakahara, S.** Van der Merwe misfit dislocation theory: reconsideration of the Peierls-Nabarro model 1-11749
- Nakahara, S.**, Kuwahara, K., Nishimura, A. Microstructure of Permalloy and copper films obtained by vapor deposition at various incidence angles 1-12001

- Nakahara, S., McCoy, R.J. Interfacial void structure of Au/Sn/Al metallizations on Ga-Al-As light-emitting diodes 1-16195
- Nakahara, S., Okinaka, Y. Inclusions in electrodeposited additive-free hard gold 1-52448
- Nakahara, S., Schutz, R.J., Testardi, L.R. Transmission electron microscope study of thin Cu-Ni laminates obtained by vapor deposition 1-12662
- Nakahara, S. *see* D'Asaro, L.A. 1-16705
- Nakahara, S. *see* Lloyd, J.R. 1-16100
- Nakahara, T., Uchida, N. Optical cable design and characterization in Japan 1-11117
- Nakahara, Y., Takahashi, H. Analysis of neutron yield produced by high-energy protons 1-6071
- Nakahara, Y. *see* Minami, H. 1-35319
- Nakahigashi, S. *see* Takahashi, H. 1-47121
- Nakahira, M., Tokuda, M., Omote, K., Uchida, N., Fukutomi, H. Measurement of optical fiber loss and splice loss by backscatter method 1-29403
- Nakahira, M. *see* Bando, Y. 1-20149
- Nakahira, M. *see* Ohtani, T. 1-53069
- Nakahira, M. *see* Saeki, M. 1-38346
- Nakai, E. *see* Tanaka, H. 1-5983
- Nakai, J. *see* Fujii, Y. 1-47175
- Nakai, J. *see* Shirakawa, T. 1-16234
- Nakai, J. *see* Yamagishi, C. 1-25805, 1-26642
- Nakai, K. *see* Shibata, T.A. 1-37040
- Nakai, M. *see* Takahagi, T. 1-19500
- Nakai, M. *see* Yagi, A. 1-7749
- Nakai, S. *see* Daido, H. 1-11033
- Nakai, S. *see* Ido, S. 1-50927
- Nakai, S. *see* Imaishi, K. 1-6982
- Nakai, S. *see* Kotani, T. 1-20213
- Nakai, S. *see* Miyamoto, S. 1-10564
- Nakai, S.-i. *see* Tanaka, K. 1-43217
- Nakai, Y., Oda, N. Atomic and molecular processes for fusion research 1-2144
- Nakai, Y. *see* Fujita, M. 1-21237
- Nakai, Y. *see* Nakamura, K. 1-8094
- Nakai, Y. *see* Ohno, N. 1-12488
- Nakai, Y. *see* Tsunoda, Y. 1-38909
- Nakai, Y. *see* Yatabe, T. 1-4240
- Nakaichi, S. *see* Lim, T.K. 1-1427
- Nakaichi-Maeda, S., Akaishi, Y., Tanaka, H. On the method of realistic four-body systems 1-32874
- Nakaizde, D.M. *see* Golub, S.F. 1-41857
- Nakajima, A. *see* Fujisawa, K. 1-42288
- Nakajima, A. *see* Shiomi, T. 1-26765
- Nakajima, F. *see* Fujita, K. 1-53468
- Nakajima, F. *see* Taoka, T. 1-35493
- Nakajima, H., Iwama, T., Seino, M., Miyauchi, E., Obokata, T. Dielectric multilayer films directly coated on fiber endfaces for micro-optical components 1-11212
- Nakajima, H. *see* Kai, K. 1-13696, 1-54373
- Nakajima, H. *see* Miyazaki, K. 1-37592, 1-41876
- Nakajima, H. *see* Shibuya, N. 1-13697
- Nakajima, J., Hida, M., Horie, M., Takahashi, H. Posi-overlay process for a copier-printer 1-18318
- Nakajima, K., Kusunoki, T., Akita, K. InGaAsP phase diagram and LPE growth conditions for lattice matching on InP 1-43279
- Nakajima, K., Sawada, Y. Phase diagram for two weakly coupled oscillatory chemical systems 1-53414
- Nakajima, K. *see* Tanigawa, H. 1-10011
- Nakajima, K. *see* Yoshida, T. 1-48696
- Nakajima, M., Fukui, K., Ueda, H., Mizushima, T. Buoyancy effects on turbulent transport in combined free and forced convection between vertical parallel plates 1-1963
- Nakajima, N. *see* Kohno, J. 1-36481
- Nakajima, R., Nakamura, R. Analysis of the semi-inclusive momentum distributions with the two-component model 1-527
- Nakajima, S., Tohdoh, K., Kurihara, S. Solitary waves in saturated films of superfluid ^4He 1-34542
- Nakajima, T. Estimation method of thermal activation energy on carrier-capture reaction due to thermoluminescence 1-3504
- Nakajima, T., Schelten, J. Peculiarities of the band magnetism in the higher manganese silicide 1-12262
- Nakajima, T. *see* Honda, Y. 1-6084
- Nakajima, T. *see* Ikegami, Y. 1-5893
- Nakajima, T. *see* Kono, H. 1-1277
- Nakajima, T. *see* Nakayama, W. 1-37922, 1-37923
- Nakajima, T. *see* Toyota, A. 1-28870
- Nakajima, Y., Ogata, M., Ichikawa, H. Vertical ionization energies of radicals by the unrestricted MINDO/3 method 1-51129
- Nakajima, Y., Yoshida, H., Kobinata, S., Maeda, S. Determination of order parameters in liquid crystal by resonance Raman method: MBBA as probed by β -carotene 1-7077
- Nakajima, Y. *see* Kuwano, S. 1-24592
- Nakajima, Y. *see* Murayama, J. 1-8745
- Nakajima, Y. *see* Wenk, H.R. 1-42398
- Nakamichi, I., Kino, T. Deviations from Mathieson's rule on the surface scattering in aluminum 1-12088
- Nakamoto, A. *see* Masuda, K. 1-1027
- Nakamoto, A. *see* Takahashi, T. 1-21269
- Nakamoto, Y. The Nigorikawa geothermal pilot plant 1-4155
- Nakamura, A. Exact multi-soliton solution of the modified sine-Gordon equation 1-5110
- Nakamura, A. Backlund transformation of the cylindrical KdV equation 1-36497
- Nakamura, A. The Miura transform and the existence of an infinite number of conservation laws of the cylindrical KdV equation 1-49948
- Nakamura, A., Hsing-Hen Chen Soliton solutions of the cylindrical KdV equation 1-49944
- Nakamura, A., Ootazi, T., Takeuchi, R. Variation of waveform of repeated sawtooth waves propagating in a tube 1-6700
- Nakamura, A., Wagner, J.B., Jr. Defect structure, ionic conductivity, and diffusion in calcia-stabilized zirconia 1-30450
- Nakamura, A., Yamada, S. Fundamental absorption edge of evaporated amorphous WO_3 films 1-35105
- Nakamura, A. *see* Koyanagi, M. 1-20924
- Nakamura, A. *see* Nakashima, S. 1-48136
- Nakamura, A. *see* Nakayama, I. 1-6699, 1-29421, 1-29423, 1-46623
- Nakamura, E. *see* Deguchi, K. 1-26109, 1-30429
- Nakamura, E. *see* Motegi, H. 1-12462
- Nakamura, E. *see* Ushio, S. 1-21165
- Nakamura, F. All-angle behavior in two-body scattering and phenomenological hard strings 1-10258
- Nakamura, F., Kusui, J., Shimizu, Y., Takamura, J. Martensitic transformation and the ageing effect in Cu-Al-Ni alloys 1-26458
- Nakamura, H., Aoki, M. Liquid-phase epitaxial growth of ZnS , ZnSe and their mixed compounds using Te as solvent 1-43282
- Nakamura, H., Gunji, K. Ionic conductivity of pure solid calcium sulfide 1-16086
- Nakamura, H., Miyaguchi, K., Takahashi, J. Hydraulic simulation of local blockage in a LMFBR fuel subassembly 1-23798
- Nakamura, H., Morita, T., Yoshida, S. Differential inhibition of mammalian DNA polymerases by X-irradiated DNA 1-22072
- Nakamura, H., Tanaka, J. Temperature dependence of fluorescence lifetimes of 8-anilino-1-naphthalene sulfonate and solvent isotope effect 1-41416
- Nakamura, H., Tanaka, J., Nakashima, N., Yoshihara, K. Biphotonic ionization of 9-anilino-1-naphthalenesulfonate in polar solvents 1-33517
- Nakamura, H., Tsunenari, T., Horikawa, T., Takasugi, S. Stress cycle counting method and predicted life 1-4016
- Nakamura, H. *see* Kobayashi, H. 1-47167
- Nakamura, H. *see* Makino, T. 1-30854, 1-38809, 1-48537
- Nakamura, H. *see* Matsuoka, S. 1-53409
- Nakamura, H. *see* Mizuno, H. 1-39774
- Nakamura, H. *see* Murata, H. 1-50752
- Nakamura, H. *see* Ohtani, T. 1-53069
- Nakamura, H. *see* Tabe, M. 1-11963
- Nakamura, H. *see* Unishi, M. 1-43481
- Nakamura, I. Considerations on elastic waves by means of equivalent circuits 1-1873
- Nakamura, I. The vibration of struck strings: acoustical research on the piano. I 1-37730
- Nakamura, I. *see* Honda, Y. 1-6084
- Nakamura, J. *see* Kanno, M. 1-38547
- Nakamura, K. Transient photoconductivity techniques and related problems 1-45046
- Nakamura, K., Ezawa, H., Watanabe, K. Many-body effects in the Si metal-oxide-semiconductor inversion layer: subband structure 1-7743
- Nakamura, K., Hoshino, T., Tsukada, M., Ohnishi, S., Sugano, S. Self-consistent DV-X α cluster calculation of electronic structure of the Si(111)-7 \times 7 model surface 1-52621
- Nakamura, K., Ohno, N., Yoshida, M., Nakai, Y. Scattering spectra in orthorhombic indium bromide under resonant excitation 1-8094
- Nakamura, K., Pfaffner, G., Jacob, K.H., Davies, J.N. A tectonic stress trajectory map of Alaska using information from volcanoes and faults 1-44160
- Nakamura, K., Uyeda, S. Stress gradient in arc-back arc regions and plate subduction 1-27139
- Nakamura, K., Watanabe, K., Ezawa, H. Many-body effects and the electron mobility in Si inversion layers at room temperature 1-7693
- Nakamura, K. *see* Aihara, H. 1-45336
- Nakamura, K. *see* Diakonou, M. 1-10256
- Nakamura, K. *see* Fujita, M. 1-21237
- Nakamura, K. *see* Hiraki, N. 1-34108, 1-42195
- Nakamura, K. *see* Iwasaki, H. 1-41272
- Nakamura, K. *see* Izumi, T. 1-32069
- Nakamura, K. *see* Mitarai, O. 1-42163
- Nakamura, K. *see* Mizoue, M. 1-44161
- Nakamura, K. *see* Ohno, N. 1-8126, 1-12488
- Nakamura, K. *see* Saidoh, M. 1-42435
- Nakamura, K. *see* Sawafuji, K. 1-39553
- Nakamura, K. *see* Tanaka, H. 1-17698
- Nakamura, K. *see* Tanaka, K. 1-3894
- Nakamura, K. *see* Toi, K. 1-6978, 1-19947
- Nakamura, K. *see* Watanabe, H. 1-43072
- Nakamura, K. *see* Yamada, R. 1-26343
- Nakamura, M., Suzuki, R. On the exact canonical conjugate momenta of collective motion in many-boson system 1-14063
- Nakamura, M., Suzuki, S., Terumichi, Y., Hamada, Y., Tanaka, S. Toroidal current generation by lower hybrid waves in a WT-1 device 1-38089
- Nakamura, M., Suzuki, Y., Nagasawa, T. Application of homomorphic deconvolution to dilution curves 1-26870
- Nakamura, M., Tsuya, K. Mechanical properties of duplex Fe-Ni-C alloys prepared by powder metallurgy techniques 1-3660
- Nakamura, M., Uchida, K. Thinning phenomena of the dimple between a horizontal glass plate and an air bubble in water 1-34554
- Nakamura, M. *see* Cho, T. 1-34096
- Nakamura, M. *see* Hatanaka, K. 1-33255
- Nakamura, M. *see* Hirao, M. 1-1585
- Nakamura, M. *see* Saito, T. 1-19971
- Nakamura, M. *see* Sakaguchi, H. 1-50578
- Nakamura, M. *see* Sasaki, H. 1-26921
- Nakamura, M. *see* Umehayashi, S. 1-26521
- Nakamura, M. *see* Watanabe, Y. 1-53840
- Nakamura, N., Lam, G.K.Y., Sakamoto, K., Okada, S. Radiobiological studies of pi-meson at TRIUMF using mouse L5178Y cells 1-35835
- Nakamura, N. *see* Hashimoto, T. 1-34251
- Nakamura, N. *see* Miyajima, S. 1-26062
- Nakamura, O. *see* Yoshioka, K. 1-50753
- Nakamura, R. *see* Hayashi, S. 1-25247
- Nakamura, R. *see* Nakajima, R. 1-527
- Nakamura, S., Kasatani, H., Matsuzaki, K. Preparation of highly branched graft copolymers by chain transfer reaction 1-13002
- Nakamura, S., Sawa, G., Ieda, M. Electrical conduction of nylon 6 at high temperature 1-42566
- Nakamura, S., Sawa, G., Ieda, M. Discharge current from nylon 6 at high temperature 1-42567
- Nakamura, S. *see* Tomota, Y. 1-26555
- Nakamura, T. Bremsstrahlung spectrum analysis by activation method (LYRA, DIBRE, REFUM) 1-18927
- Nakamura, T. Application of activation-spectrum analysis method to shielding (TAURUS, LYRA, DIBRE, SAND-II) 1-18928
- Nakamura, T. Experimental study of multiparticle emission in hadron-nucleus reactions around several GeV/c 1-50656
- Nakamura, T., Kasahara, M., Tatsuzaki, I. NMR study of ^{87}Rb in Rb_2ZnCl_4 by CW method 1-12408
- Nakamura, T., Kosako, T. A systematic study on the neutron skyshine from nuclear facilities. I. Monte Carlo analysis of neutron propagation in air-over-ground environment from a monoenergetic source 1-45566
- Nakamura, T., Kosako, T., Hayashi, K., Ban, S., Katoh, K. A systematic study on the neutron skyshine from nuclear facilities. II. Experimental approach to the behavior of environmental neutrons around an electron synchrotron 1-45567
- Nakamura, T., Takashige, M. Initiation of studies on physics of amorphous dielectrics 1-42305
- Nakamura, T., Ushirokawa, A., Katoda, T. Raman spectra from heat-treated semi-insulating GaAs 1-43103
- Nakamura, T. *see* Jang, M.-S. 1-52282
- Nakamura, T. *see* Kojima, S. 1-12044
- Nakamura, T. *see* Miyamoto, M. 1-19545
- Nakamura, T. *see* Nagara, H. 1-20505
- Nakamura, T. *see* Niki, H. 1-11954
- Nakamura, T. *see* Shinoda, T. 1-26476, 1-38544
- Nakamura, T. *see* Takashige, M. 1-26137, 1-42310
- Nakamura, T. *see* Tominaga, Y. 1-48104
- Nakamura, W. Basic problems in cancer therapy by hyperthermia and radiation 1-53884
- Nakamura, Y. Spherically symmetric flows by the dissipative finite difference scheme 1-13682
- Nakamura, Y. Galloping of bundled power line conductors 1-41909
- Nakamura, Y., Chandratreya, S.S., Fulrath, R.M. Expansion during the reaction sintering of PZT 1-48305
- Nakamura, Y., Namba, H., Shinsaka, K., Hatano, Y. Electron mobilities in solid tetramethylsilane: effect of liquid-solid phase change 1-30759
- Nakamura, Y., Niibe, M., Shimoji, M. NMR studies of concentrated lithium-ammonia solutions [in metal-nonmetal transition range] 1-26054
- Nakamura, Y., Ooyama, M., Ogino, T. Observation of spherical ion-acoustic solitons 1-15611
- Nakamura, Y., Tsuno, T. High speed Schlieren system as applied to measure high velocity flow 1-38023
- Nakamura, Y. *see* Horvath, P. 1-27403
- Nakamura, Y. *see* Iwasaki, T. 1-47943
- Nakamura, Y. *see* Mitarai, O. 1-42163
- Nakamura, Y. *see* Niomiya, H. 1-911
- Nakamura, Y. *see* Ondoh, T. 1-44384
- Nakamura, Y. *see* Stenzel, R.L. 1-6970
- Nakamura, Y. *see* Takeda, K. 1-15627
- Nakamura, Y. *see* Tsukabayashi, I. 1-51938
- Nakamura, Y. *see* Tsuno, T. 1-37858

- Nakamura, Y.** see Wakita, H. 1-49228
- Nakanaga, T.** Coriolis interactions and assignments of the fundamental bands in ethylene oxide and ethylene oxide-d₂ 1-28947
- Nakanaga, T.** see Kondo, S. 1-29041
- Nakane, M.** see Osumi, Y. 1-20556
- Nakane, R.** Recent advances in isotope separation. Uranium enrichment and tritium separation by chemical exchange and plasma separation 1-33339
- Nakane, R.** see Ishikawa, Y.-i. 1-19144
- Nakane, R.** see Isomura, S. 1-936
- Nakane, R.** see Takeuchi, K. 1-39596
- Nakanishi, H., Stanley, H.E.** Scaling studies of percolation phenomena in systems of dimensionality two to seven: Cluster numbers 1-9942
- Nakanishi, H., Stanley, H.E.** Scaling studies of percolation phenomena in systems of dimensionality two to seven. II. Equation of state 1-44851
- Nakanishi, I.** Precursors to ScS phases and dipping interface in the upper mantle beneath southwestern Japan 1-32380
- Nakanishi, K., Shibuya, Y., Nitta, T.** Experimental study of the breakdown characteristics of large scale gas-insulated systems 1-15684
- Nakanishi, K., Yoshioka, A., Shibuya, Y.** Statistical breakdown characteristics of a gas insulated bus 1-11500
- Nakanishi, K.** see Narusawa, H. 1-15777
- Nakanishi, K.K.** see Porter, L.D. 1-32367
- Nakanishi, N.** Indefinite-metric quantum field theory of general relativity. X. Sixteen-dimensional superspace 1-5211
- Nakanishi, N.** The first cohomology groups of infinite dimensional Lie algebras 1-28239
- Nakanishi, N., Ojima, I.** Superalgebras of non-Abelian gauge theories in the manifestly-covariant canonical formalism 1-5514
- Nakanishi, S., Fukoka, N., Horiguchi, T.** Microcomputer aided Auger electron spectroscopy 1-35313
- Nakanishi, S., Horiguchi, T.** Ultrahigh vacuum specimen holder with rapid cooling mechanism 1-50143
- Nakanishi, S., Muramoto, T., Tamura, O., Hashi, T.** The effect of optical pumping and cross relaxation in the Stark switching experiment in ruby 1-37556
- Nakanishi, S.** see Kunitomo, M. 1-21066
- Nakanishi, S.** see Muramoto, T. 1-51565
- Nakanishi, S.** see Okanishi, S. 1-32236, 1-32237
- Nakanishi, S.** see Uemura, K. 1-12235
- Nakanishi, T.** see Fukushima, M. 1-45770
- Nakanishi, T.** see Terada, S. 1-4415
- Nakanishi, T.** see Murakata, H. 1-22655
- Nakano, A., Matsumoto, H., Nakayama, N., Ikegami, S.** Screen-printable electrode material for CdS and its application to solar cell 1-8714
- Nakano, A.** see Nakayama, N. 1-8715
- Nakano, F., Isogai, M., Sato, M.** Simple method of determining liquid crystal tilt-bias angle 1-15791
- Nakano, H.** see Aoki, T. 1-7803
- Nakano, H.** see Horima, S. 1-2776
- Nakano, H.** see Yamashita, M. 1-15797
- Nakano, K.** see Chin, R. 1-12189
- Nakano, K.** see Law, H.D. 1-48280
- Nakano, M., Igaki, K.** Vapor species over molten S-Se mixture 1-25419
- Nakano, M., Igaki, K.** Composition control of ternary compound CdS_{1-x}Se_x on using molten S-Se mixture reservoir 1-26376
- Nakano, M.** see Fujii, K. 1-27090, 1-27091
- Nakano, M.** see Sakurai, J. 1-52451
- Nakano, S., Maruyama, Y.** Electric-field dependent electron mobility in anthracene single crystals 1-7630
- Nakano, S.** see Kuwano, Y. 1-8710
- Nakano, T., Fukuyama, H.** Solitons in spin-Peierls systems and applications to polyacetylene 1-25948
- Nakano, T.** see Kinoshita, A. 1-47000
- Nakano, Y., Takahashi, S., Toyoshima, Y.** Contact resistance dependence on InGaAsP layers lattice-matched to InP 1-3063
- Nakano, Y., Takekai, K., Noguchi, Y., Tokunaga, M., Nagai, H., Nawata, K., Fujimoto, M.** 1.5 μm InGaAsP/InP BH lasers on p-type InP substrates 1-15185
- Nakano, Y.** see Tokunaga, M. 1-51479
- Nakanomoto, T.** see Fukase, T. 1-47435
- Nakanomoto, T.** see Kukuse, T. 1-2571
- Nakao, A.** see Suzuki, M. 1-4191, 1-21050
- Nakao, M., Doyama, M.** Effects of long-range and short-range order on the electronic structure of CsCl-type model alloys 1-2865
- Nakao, S., Komiya, K.** Measurement of skin friction in turbulent flow 1-1924
- Nakao, T., Miki, K., Uda, T., Kotani, K., Sumida, I.** Experimental evaluation of fuel pin deformation in LMFBR assembly 1-10484
- Nakao, T.** see Ikeda, T. 1-28550
- Nakao, Y., Ohta, M., Nakashima, H., Ohya, S.** Control of thermal instability of pure and catalyzed D-D fusion reactor plasmas 1-28696
- Nakao, Y., Wakoh, S.** Band structure and Compton profile of Nb-Mo alloy 1-38709
- Nakao, Y.** see Kobayashi, T. 1-3712, 1-48338, 1-48339
- Nakao, Y.** see Murakami, N. 1-48347
- Nakao, Y.** see Yamane, M. 1-14672
- Nakaoka, A., Fukushima, M., Takagi, S.** Correlation of environmental sample radioactivity determination with sample pretreatment 1-21967
- Nakaoka, S.** see Okanishi, S. 1-32236, 1-32237
- Nakaoka, Y., Iida, T.** Stability of relaxed states of excitons in cesium halides 1-30643
- Nakasa, K., Takei, H., Yoshida, M., Saito, T.** The effect of pre-austenite grain size on the crack branching in delayed failure 1-26604
- Nakaseko, K.** see Akagawa, K. 1-24865
- Nakashima, H., Aiki, K.** Transverse mode control and reduction of threshold current in (GaAl)As buried-heterostructure lasers with a buried optical guide 1-15288
- Nakashima, H.** see Nakao, Y. 1-28696
- Nakashima, H.** see Shintani, A. 1-2660
- Nakashima, K.** see Uemayashi, S. 1-12916
- Nakashima, N., Inoue, H., Sumitani, M., Yoshihara, K.** Laser flash photolysis of benzene. II. Laser-induced cluster formation in gas phase 1-26758
- Nakashima, N., Inoue, H., Sumitani, M., Yoshihara, K.** Laser flash photolysis of benzene. III. S_n-S₁ absorption of gaseous benzene 1-29144
- Nakashima, N., Yoshihara, K., Willig, F.** Time-resolved measurements of electron and energy transfer of rhodamine B monolayer on the surface of organic crystals 1-10775
- Nakashima, N.** see Nakamura, H. 1-33517
- Nakashima, R.** see Minami, S. 1-544, 1-50438
- Nakashima, S., Nakamura, A.** Excitation and relaxation processes of donor-acceptor pairs in ZnTe under selective excitation 1-48136
- Nakashima, T.T.** see Diakur, J. 1-14961
- Nakashita, T., Taniguchi, M., Hirose, M., Osaka, Y.** Electrical and optical properties and localized state density of chemically vapor deposited amorphous silicon 1-20608
- Nakashita, T.** see Makino, T. 1-38809
- Nakashizu, T.** see Sekine, T. 1-8057
- Nakaseone, Y., Tsuji, K., Kitagawa, H.** Statistical evaluation of the role of randomly distributed pits and cracks in corrosion fatigue 1-39542
- Nakasuji, M., Wada, H.** New evaluation method of beam shape and profile for variably-shaped electron beam system 1-401
- Nakasuji, M., Wada, H.** Single crystal LaB₆ electron gun for variably shaped electron beam optics 1-29203
- Nakata, H., Nishioka, K., Abe, H.** Plasma etching characteristics of chromium film and its novel etching mode 1-31738
- Nakata, H., Otsuka, E.** Origin of far-infrared magneto-oscillations of electron-hole drop in Ge 1-48041
- Nakata, H.** see Yamazaki, T. 1-31737
- Nakata, I.** Wave propagation on a liquid layer with random inhomogeneous depth 1-11411
- Nakata, I.** Signal propagation in a one-dimensional anharmonic lattice with impurities 1-18034
- Nakata, K.** see Kikuchi, A. 1-7707
- Nakata, K.** see Sempel, T. 1-6724
- Nakata, M., Fukuyama, T., Kuchitsu, K., Takeo, M., Matsumura, C.** Molecular structure of phosgene as studied by gas electron diffraction and microwave spectroscopy: The τ_a , τ_m , and τ_z structures 1-14875
- Nakata, M., Fukuyama, T., Wilkins, C.J., Kuchitsu, K.** Molecular structure of carbonyl bromide as studied by gas electron diffraction and microwave data 1-10841
- Nakata, M., Kohata, K., Fukuyama, T., Kuchitsu, K., Wilkins, C.J.** Molecular structure of carbonyl fluoride as studied by gas electron diffraction and microwave data 1-10841
- Nakata, M., Kohata, K., Fukuyama, T., Kuchitsu, K.** Molecular structure of phosgene as studied by gas electron diffraction and microwave spectroscopy. The τ_z structure and isotope effect 1-15008
- Nakata, R., Kawano, K., Sumita, M., Higuchi, E.** X-band ESR studies of forbidden transitions of europium ions in CaF₂:Eu crystals 1-7945
- Nakata, Y., Shibuya, N., Kobe, T., Okamoto, K., Suzuki, A., Tsuji, T.** Performance of circular Fresnel lens photovoltaic concentrator 1-4162
- Nakatani, I.** Crystallographic and magnetic studies of cation-deficient spinels M_{2/3+x}Cr_{2-x}S₄ (M=Al; Ga; In) 1-34321
- Nakatani, Y.** see Akagawa, K. 1-24865
- Nakatani, Y.** see Ohnishi, T. 1-35383
- Nakatogawa, T.** see Kitade, K. 1-814, 1-45632
- Nakatsu, K.** see Kanno, R. 1-11724
- Nakatsuji, H., Kanda, K., Yonezawa, T.** Force in SCF theories 1-6135
- Nakatsuji, H.** see Ohta, K. 1-1129
- Nakatsuka, H., Fujita, M., Matsuo, M.** Relaxation and quantum beat of picosecond backward echo in Na vapor 1-46461
- Nakatsuka, H., Grischkowsky, D.** Recompression of optical pulses broadened by passage through optical fibers 1-37621
- Nakatsuka, M.** Measurement of residual stress in fuel cladding tubes by X-ray method 1-33292
- Nakatsuka, N.** Measurements of the coefficient of friction between UO₂ and Al₂O₃ pellets and unirradiated Zircaloy cladding 1-33298
- Nakatsuka, T.** see Suzuki, K. 1-43640
- Nakau, T.** see Naito, H. 1-25663
- Nakawaki, Y.** On the confinement and the vacuum degeneracy in the Schwinger model 1-45126
- Nakaya, C.** Three-dimensional waves in a boundary layer 1-42039
- Nakaya, Y.** see Tino, Y. 1-34915
- Nakayama, H., Katsura, J., Nishino, T., Hamakawa, Y.** Hall-effect and photoluminescence measurements of oxygen-related donors in CZ-Si crystals 1-26256
- Nakayama, H., Nishino, T., Hamakawa, Y.** Exciton-capture and Auger-recombination rates of bound multiexciton complexes in silicon 1-48146
- Nakayama, H.** see Ohnishi, K.-I. 1-8118
- Nakayama, H.** see Yasutake, K. 1-26255
- Nakayama, I., Nakamura, A., Takeuchi, R.** Effect of acoustic loading on transient sound radiation from circular piston 1-6699
- Nakayama, I., Nakamura, A., Takeuchi, R.** Transient radiation field from an elastic circular plate excited by a sound pulse 1-29421
- Nakayama, I., Nakamura, A., Takeuchi, R.** Sound insulation of a circular plate for a single sound pulse 1-29423
- Nakayama, I., Nakamura, A., Takeuchi, R.** Sound insulation evaluated in radiation field of a vibrating circular plate 1-46623
- Nakayama, J., Ogura, H., Matsumoto, B.** A probabilistic theory of scattering from a random rough surface 1-29188
- Nakayama, K.** Ultrasonotomography 1-26971
- Nakayama, K., Hashiba, M., Miura, E., Nurishi, Y., Hibino, T.** Effect of weak mixing method on the formation of ZnAl₂O₄ 1-31405
- Nakayama, K.** see Yagi, S. 1-37648
- Nakayama, M.** Effect of the interface on electronic structure of n-Si MOS charge layer 1-12171
- Nakayama, M.** A fundamental concept of polariton optics—additional boundary condition 1-38731
- Nakayama, M., Matsumoto, H., Nakano, A., Ikegami, S.** Low temperature synthesis of CdTe and its application to CdS/CdTe solar cell 1-8715
- Nakayama, N.** see Kume, S. 1-18244, 1-50150
- Nakayama, N.** see Nakano, A. 1-8714
- Nakayama, N.** see Ohkita, K. 1-35530
- Nakayama, S.** Inverted signals in polarization spectroscopy of sodium vapour 1-45898
- Nakayama, S.** Optical pumping theory in polarization spectroscopy of Na 1-31170
- Nakayama, S., Kelly, F.M., Series, G.W.** Hyperfine structures, lifetimes and collisional cross sections of some Rydberg D states of ¹³³Cs 1-46072
- Nakayama, S., Series, G.W., Gawlik, W.** Zeeman effect in the polarization spectroscopy of Na 1-6203
- Nakayama, S., Series, G.W., Gawlik, W.** Larmor precession in polarization spectroscopy with spatially separated beams 1-6204
- Nakayama, S.** see Yamazaki, S. 1-18343
- Nakayama, T.** Kapitza thermal resistance 1-34564
- Nakayama, T., Kikuchi, M., Fukamichi, K.** Linear magnetostriction and elastic properties of Fe-Pd alloy systems 1-12374
- Nakayama, T., Sheard, F.W.** Absorption of surface phonons by adsorbed helium system on an inhomogeneous surface 1-20502
- Nakayama, T.** see Hatta, I. 1-25427
- Nakayama, T.** see Kano, K. 1-44769
- Nakayama, T.** see Masumoto, H. 1-42556
- Nakayama, T.** see Sakuma, T. 1-47353
- Nakayama, T.** see Yatabe, T. 1-4240
- Nakayama, W., Daikoku, T., Kuwahara, H., Nakajima, T.** Dynamic model of enhanced boiling heat transfer on porous surfaces. I. Experimental investigation 1-37922
- Nakayama, W., Daikoku, T., Kuwahara, H., Nakajima, T.** Dynamic model of enhanced boiling heat transfer on porous surfaces. II. Analytical modeling 1-37923
- Nakayama, W.** see Hirasawa, S. 1-19704
- Nakayama, Y., Kato, M.** Width-modulated complex pseudorandom diffuser 1-41635
- Nakayama, Y., Mizogawa, T., Kawarantani, T.** Study of the emission of low-energy positrons from MgO 1-18328
- Nakayama, Y.** see Ebisawa, S. 1-21904
- Nakayama, Y.** see Fujii, K. 1-27090, 1-27091
- Nakayama, Y.** see Ito, D. 1-50176
- Nakayama, Y.** see Ito, T. 1-12825
- Nakayama, Y.** see Morii, K. 1-31480
- Nakayama, Y.** see Takashima, Y. 1-43047
- Nakayama, Y.** see Yoshida, S. 1-21906
- Nakazato, K.** Photo-magneto-electric effect 1-7670
- Nakazato, K., Kitahara, K.** Site blocking effect in tracer diffusion in a lattice 1-50067
- Nakazato, T.** see Eurya, T. 1-41262
- Nakazatomi, M.** see Sekoguchi, K. 1-46735

- Nakazawa, H.** Probabilistic aspects of equation of motion of forced Burgers and Navier-Stokes turbulence 1-42015
- Nakazawa, H.** see Hirano, K. 1-48515
- Nakazawa, H.** see Kobayashi, H. 1-43493, 1-47167
- Nakazawa, H.** see Nukui, A. 1-47224
- Nakazawa, K.** see Mizuno, H. 1-13576
- Nakazawa, K.** see Sekiya, M. 1-13575, 1-54245
- Nakazawa, M.** Sekiguchi, A. Several applications of J1 unfolding method of multiple foil data to reactor dosimetry 1-50987
- Nakazawa, M.** see Futamoto, M. 1-26355
- Nakazawa, M.** see Shiraishi, T. 1-26997
- Nakazawa, N.** see Shimomura, O. 1-29998
- Nakazawa, S.** see Kelly, D.W. 1-14079
- Nakazawa, T.** Nagatsuka, S. Radiation-induced lipid peroxidation and membrane permeability in liposomes 1-32198
- Nakazawa, T.** see Ito, K. 1-4206
- Nakazawa, T.** see Tajiri, A. 1-29008
- Nakazoe, J.** Hayashi, Y., Abe, Z. The detection of extremely small voltages and currents using the second-harmonic type of magnetic modulator 1-36687
- Nakhalov, V.A.** Shron, R.Z., Mints, I.I., Smirnova, A.P. Determination of stress-rupture strength of ductile metals 1-8503
- Nakhodkin, N.G.** see Koval', I.F. 1-52162
- Nakhodkin, N.G.** see Kryukov, Yu.N. 1-26324
- Nakia, Y.** see Ohno, N. 1-8126
- Nakiboglu, S.M.** see Lambek, K. 1-27138
- Nakorchevskiy, A.I.** see Chernov, V.A. 1-34032
- Nakoryakov, V.E.** Kashinsky, O.N., Burdakov, A.P., Odnorov, V.P. Local characteristics of upward gas-liquid flows 1-29761
- Nakoryakov, V.E.** see Aleksenko, S.V. 1-42006
- Nakoryakov, V.E.** see Gasenko, V.G. 1-46614
- Nakoryakov, V.E.** see Kutateladze, S.S. 1-29726
- Nakwaski, W.** An application of the Kirchhoff transformation to solving the nonlinear thermal conduction equation for a laser diode 1-19341
- Nakwaski, W.** Laser diode coupling with an optical waveguide 1-24506
- Nakwaski, W.** Bugajski, M. LGR lasers 1-6558
- Nalda-Garcia, J.C.** see Fernandez, F. 1-36942
- Naldrett, A.J.** Duke, J.M. Platinum metals in magmatic sulfide ores 1-32410
- Nalegach, E.P.** see Artem'ev, A.Yu. 1-46311
- Nalesnik, V.M.** see Rivkin, E.Yu. 1-21662
- Nalesnik, W.J.** see Hwang, J.J. 1-53895
- Naletova, V.A.** see Gogosov, V.V. 1-15552, 1-24888, 1-24891, 1-29757
- Nalewajek, D.** see Andres, K. 1-16408
- Nalimov, I.P.** Ovichkis, J.N., Fedchuk, I.U., Shakirov, A.H., Antonov, V.M., Zarutskiy, L.P. Printing and projection of stereoholograms 1-1519
- Nalimov, Yu.P.** see Basov, Yu.P. 1-11401
- Nalivkin, V.D.** Do we know everything about petroleum? 1-43735
- Nam, S.B.** see Reynolds, D.C. 1-8113
- Nam, S.W.** see Choe, S.J. 1-53232
- Nam, S.W.** see Shim, S.A. 1-35395
- Nam Chang Ho** see Ho Nam Chang
- Nam In-Tak** see In-Tak Nam
- Nam Ok Hang** see Hang Nam Ok
- Nam-Tran, H.** de Reyff, Chr. Selection of an optimum truncated basis in the frame of the valence bond method 1-51134
- Namasivayam, R.** Nagarajan, S. Force field study of some XYZ₄ type molecules using Redington's virial theorem approach 1-33440
- Namasivayam, R.** Sakkarapani, S. Molecular constants of some XY₄ tetrahedral ions 1-14855
- Namasivayam, R.** Sankaran, V. A force field study of ozone 1-45935
- Namasivayam, R.** Viswanathan, S. Green's function analysis of the in-plane vibrations of trans dimide radical 1-37167
- Namazie, M.A.** Sayed, W.A. Radiative corrections and gauge hierarchies 1-33139
- Namazie, M.A.** see Das, A. 1-45132
- Namba, H.** see Nakamura, Y. 1-30759
- Namba, M.** Fukushima, K. Application of the equivalent surface source method to the acoustics of duct systems with non-uniform wall impedance 1-24547
- Namba, S.** Kuwano, S. The relation between overall noisiness and instantaneous judgment of noise and the effect of background noise level on noisiness 1-21957
- Namba, S.** see Gamo, K. 1-12640
- Namba, S.** see Harada, T. 1-43599
- Namba, S.** see Kuwano, S. 1-24592
- Namba, S.** see Matsui, S. 1-1733, 1-43556
- Namba, S.** see Murakami, K. 1-52158
- Namba, S.** see Shimimura, T. 1-29408
- Namba, S.** see Segawa, Y. 1-47501
- Namba, S.** see Toyoda, K. 1-41727
- Namba, Y.** see Tsuwa, H. 1-3962
- Nambodiri, M.N.** see Ho, H. 1-14536
- Nambu, M.** Induced bremsstrahlung radiation 1-38068
- Nambu, M.** Upconversion of ion-sound to Langmuir turbulence 1-38105
- Namdar-irani, R.** see Benoit, D. 1-3904
- Namdar-irani, R.** see Berneron, R. 1-43721
- Namekata, J.** Higashi, K. Impact properties of austenitic steels at low-temperature 1-26624
- Namgaladze, A.A.** see Smertin, V.M. 1-4687
- Namgaladze, A.A.** see Zevakina, R.A. 1-4680
- Namiesnik, J.** Kozlowski, E., Bownik, M. Electrolytic methods of producing components of standard gas mixtures 1-43672
- Namihira, Y.** see Mochizuki, K. 1-41844
- Namikawa, H.** see Kimura, T. 1-1208
- Namikawa, H.** see Yamamoto, K. 1-26120
- Namikawa, T.** Hamabata, H. Influence of proton heat fluxes on the propagation of hydromagnetic waves 1-42165
- Namiki, K.** Hayakawa, R., Wada, Y. Molecular theory of piezoelectricity of α -helical polypeptide 1-3335
- Namiki, M.** see Kawaji, S. 1-30830
- Namiki, M.** see Kizukuri, Y. 1-33187
- Namiki, M.** see Nishimura, J. 1-22505
- Namioka, T.** Morozumi, S. Design of constant-deviation monochromators 1-24480
- Namiot, V.A.** see Gdanskii, V.I. 1-45458
- Namiot, V.A.** see Klyukin, L.M. 1-41940
- Namizaki, H.** see Oomura, E. 1-33730
- Namizaki, H.** see Takamiya, S. 1-11023
- Namjoshi, K.V.** Biringer, P.P. A graphical approach for the calculation of the surface magnetic field and the eddy current loss in steel structures 1-7871
- Namjoshi, P.** see Guha, S. 1-2996, 1-16308
- Nammori, T.** see Nunoi, T. 1-4188
- Namsrai, K.** Relativistic Feynman-type integrals 1-415
- Namsrai, K.** A stochastic derivation of the Sivashinsky equation for the self-turbulent motion of a free particle 1-18152
- Namsrai, Kh.** The hypothesis of stochastic space and the general connection of stochastic theory 1-50351
- Namyslowski, J.M.** Danielewicz, P. Relativistic, nonlocal effects at low energies and low momentum transfer 1-45161
- Namyslowski, J.M.** Danielewicz, P. Asymmetry in the scaling laws for light- and heavy-nucleus fragmentation 1-50623
- Nan Lin Jin** see Jin Nan Lin
- Nan Xiao** see Xiao Nan
- Nan-jun Hao** see Hao Nan-jun
- Nan-Xian Chen** see Chen Nan-Xian
- Nanai, L.** Yushin, Yu.K., Szil, E., Hevesi, I. Kinetic investigation of laser-induced photo-conduction of V₂O₅ single crystals 1-7654
- Nanb, K.** see Hiyamizu, S. 1-34775
- Nanba, M.** see Munakata, C. 1-47739
- Nanbu, K.** Direct simulation scheme derived from the Boltzmann equation. I. Monocomponent gases 1-18176
- Nanbu, K.** Direct simulation scheme derived from the Boltzmann equation. III. Rough sphere gases 1-18177
- Nanbu, K.** Direct simulation scheme derived from the Boltzmann equation. II. Multicomponent gas mixtures 1-23128
- Nanbu, K.** see Hiyamizu, S. 1-12660
- Nance, W.B.** see McLennan, S.M. 1-49237
- Nancheva, N.M.** see Popov, G.S. 1-26298
- Nand Lal** see Chakravarti, S.K. 1-10594
- Nanda, D.N.** Jug, K. SINDO1. A semiempirical SCF MO method for molecular binding energy and geometry. I. Approximations and parameterization 1-37120
- Nanda, D.N.** see Jug, K. 1-37121, 1-37122
- Nanda, N.C.** see Sah, S.L. 1-4627
- Nanda, R.K.** Ribeiro, A., Jardtetzky, T.S., Jardtetzky, O. Phosphorus relaxation mechanisms in trimethyl phosphite, 2',3'-cAMP, and 5'-AMP 1-1257
- Nanda, S.K.** see Haimes, Y.Y. 1-17633
- Nanda, V.S.** Auluck, F.C. A rigorous approach to the problem of solution-gel transition in polycondensing systems 1-39690
- Nandedkar, S.D.** Kim, Y.I., Sanders, D.B., Anne, A. Signal representation of macro EMG 1-35905
- Nandeewaraiya, N.S.** see Sakhalkar, U.H. 1-23244
- Nandi, A.K.** On the average charged particle multiplicities in pp, \bar{p} p and e^+e^- interactions 1-23526
- Nandi, A.K.** A model for multiparticle production in high-energy hadron-nucleus collisions 1-23613
- Nandi, A.K.** see Mukerji, J. 1-39587
- Nandi, B.C.** see Al-Dargazelli, S.S. 1-18967
- Nandi, S.** see Hama, S. 1-18417
- Nanduri, V.** High power vacuum arc switches 1-38163
- Nandy, A.** see Lahiri, A. 1-5624
- Nandy, K.** Spectral classification from low dispersion objective prism spectra taken with the UK 1.2 m Schmidt telescope 1-49532
- Nandy, K.** Morgan, D.H., Willis, A.J., Gondhalekar, P.M. A Large Magellanic Cloud member intermediate between Of and WN7 1-27529
- Nandy, K.** see Gondhalekar, P.M. 1-27611
- Nanes, R.** see Holtermann, D.L. 1-6297, 1-10819
- Nanev, C.** see Iwanov, D. 1-8224
- Nanev, C.N.** Mirkova, L., Rashkov, St. The kinetics of levelling during bright copper plating 1-43609
- Nani, R.Kh.** see Gezalov, M.A. 1-47056
- Nania, R.** see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349
- Nanis, L.** see Sanjurjo, A. 1-48289
- Nanjo, M.** see Kakui, Y. 1-32078
- Nann, H.** Saha, A., Wildenthal, B.H. Energy levels in ²³Mg from the ²⁵Mg(p,t)²³Mg reaction 1-45427
- Nann, H.** Seth, K.K., Iversen, S.G., Kalekta, M.O., Barlow, D.B., Smith, D. Identification and measurement of the mass of ²⁶Ne(g.s.) by the ²⁶Mg(π^- , π^+)²⁶Ne reaction 1-14451
- Nannarone, S.** see Chiaradia, P. 1-52626
- Nanni, P.** see Gesmundo, F. 1-3967
- Nannicini, L.** see Zerbi, G. 1-35751
- Nannorone, S.** see Chiaradia, P. 1-8096
- Nanobashvili, S.I.** see Gogishvili, G.E. 1-24982
- Nanopoulos, D.V.** see Barbieri, R. 1-32785
- Nanopoulos, D.V.** see Ellis, J. 1-23462, 1-50432
- Nanquan Lou** see Lou Nanquan
- Nanstad, R.K.** see Golan, S. 1-48592
- Nanush'yan, S.R.** see Dyachenko, A.A. 1-6673
- Nanver, L.K.** Weyer, G., Deutch, B.I. Precipitation of β -tin in Sn implanted silicon 1-7341
- Naoue, M.** Yamanaka, S. Bertholite ferrite films deposited by vacuum-arc evaporation 1-12658
- Naoue, M.** Yamanaka, S., Hoshi, Y. Facing targets type of sputtering method for deposition of magnetic metal films at low temperature and high rate 1-8226
- Naohara, T.** see Kumada, K. 1-12750
- Naono, H.** see Terauchi, H. 1-8567
- Naoui, A.** En see En Naoui, A.
- Naour, R.** Le see Le Naour, R.
- Napara-Volgina, S.G.** see Radomysel'skii, I.D. 1-53248
- Napartovich, A.P.** see Aleksandrov, N.A. 1-24947
- Napartovich, A.P.** see Aleksandrov, N.A. 1-38083
- Napartovich, A.P.** see Baiadze, K.V. 1-2138
- Napartovich, A.P.** see Baranov, V.Y. 1-41658
- Napartovich, A.P.** see Dzhanyan, A.V. 1-42248
- Napartovich, A.P.** see Zhdanok, S.A. 1-46303
- Napier, P.J.** see Thompson, A.R. 1-49509
- Napier, W.M.** A simple approach to the analysis of eclipsing binary light curves 1-36195
- Napolitano, G.** see Boccaletti, M. 1-9134
- Napoli, P.A.** De see De Napoli, P.A.
- Napoli, V.D.** see Di Napoli, V.
- Napolitano, L.G.** Plane Marangoni-Poiseuille flow of two immiscible fluids 1-11452
- Napolitano, M.** see Antreasyan, D. 1-10287
- Napoly, O.** see El Hassouni, A. 1-45219
- Napoly, O.** see Hayot, F. 1-45192
- Napper, D.H.** see Whang, B.C.Y. 1-48687
- Nappi, A.** see Allasia, D. 1-23495
- Nappi, A.** see Diakonou, M. 1-10256
- Nappi, A.** see Kourkoulis, C. 1-5665
- Nappi, C.** see Giordano, M. 1-36212
- Naprawnik, J.** Neumann, L. Some experiments with the bitumization of the middle-active waste in the Institute of Nuclear Research, Rez 1-5896
- Naqvi, K.R.** see Razi Naqvi, K.
- Nara, H.** see Shindo, K. 1-20108
- Nara, S.** see Ogawa, T. 1-25634
- Narahara, Y.** see Yazaki, T. 1-15304, 1-15573
- Narahari Rao, K.** see Das, P.P. 1-37206, 1-37207
- Narahari Rao, K.** see Flaud, J.-M. 1-37204
- Narahari Rao, K.** see Ivancic, W. 1-48058
- Naraiikin, O.S.** Random oscillations of a corrugated membrane 1-29530
- Narain, H.** see Belousova, V.V. 1-49244
- Narain, L.** see Dawar, A.L. 1-48190
- Narain, U.** see Elwert, G. 1-32684
- Narannan, S.** see Apparao, K.M.V. 1-32773
- Narannan, S.** see Kelley, R.L. 1-49713
- Narang, R.S.** Sherwood, J.N. Self-diffusion and the isotope-mass-effect in stearic acid single crystals 1-16083
- Naranjo, O.** see Ferrin, I. 1-27431
- Narasimha, R.** The possible influence of curvature and rotation on ocean currents 1-49284
- Narasimha Rao, C.V.L.** Premaswarup, D. Group contribution effects on nuclear quadrupole coupling constant values of ¹⁴N in certain hydrazines and ureas 1-41398
- Narasimham, K.L.** see Reddy, D.S. 1-45463
- Narasimham, N.A.** see Gopal, S. 1-1281
- Narasimham, V.L.** Ramachandran, A.S., Warke, C.S. Exchange correction to electron-hydrogen-molecule scattering cross section in the Glauber approximation 1-46127
- Narasimhan, G.** see Miranda, S. 1-5953
- Narasimhan, K.L.** see Guha, S. 1-7622
- Narasimhan, K.L.** see Pietruszko, S.M. 1-47767
- Narasimhan, V.S.** see Cowick, R. 1-14378
- Narasimhaswamy, G.** see Bhaskara Rao, V. 1-22217
- Narasinga Rao, S.** Jih, J.-H., Hartsuck, J.A. Rotation-function space groups 1-11712
- Narayan, B.S.** see Gupta, B.L. 1-19346
- Narayan, J.** Laser processing of materials 1-25307
- Narayan, J.** see Christie, W.H. 1-30267

- Narayan, J. *see* Wood, R.F. 1-2469
- Narayan, M.S. *see* Shukla, G.C. 1-10635
- Narayan, R., Ramaseshan, S. A new approach to electronic transitions in the samarium monochalcogenides 1-38721
- Narayan, R. *see* Nityananda, R. 1-49711
- Narayana, N.L., Swamy, K.M. Nonlinear acoustical properties in n-amylic alcohol 1-42469
- Narayana, P.A. *see* Aurna, B. 1-16480
- Narayana, P.A.A. *see* Gowda, B.H.L. 1-42030
- Narayana, P.A. *see* Aswatha *see* Aswatha Narayana, P.A.
- Narayana Swamy, K. *see* Biswas, S. 1-26634
- Narayananamurti, V. Phonon optics, carrier relaxation and recombination in semiconductors: case of GaAs epitaxial layers 1-16390
- Narayananamurti, V., Chin, M.A., Logan, R.A. Symmetry of a donor related (DX) center in $\text{Al}_{0.9}\text{Ga}_{0.1}\text{As}$ 1-16257
- Narayananamurti, V. *see* Geschwind, S. 1-48083
- Narayananamurti, V. *see* Hu, P. 1-42489
- Narayananamurti, V. *see* Lax, M. 1-15980, 1-25389, 1-47507
- Narayananamurti, V. *see* Ulbrich, R.G. 1-15989, 1-47184
- Narayananamurti, J.V.S.S. *see* Ramanand, A. 1-38432
- Narayanan, P.S. *see* Fujimoto, S. 1-8011
- Narayanan, P.S. *see* Shripathi, T. 1-35161
- Narayanan, S. *see* Chandra *see* Chandra Narayanan, S.
- Narayanan, V. *see* Appu, K.S. 1-22433
- Narayanawami, R. *see* Venkateswara Rao, G. 1-51716
- Narayanawamy, P. *see* Acharya, R. 1-470, 1-45173
- Narbutt, K.I. X-ray spectra of iron atoms in minerals 1-12603
- Narchal, M.L. *see* Sikri, A.K. 1-3239
- Narciso, E. *see* Pellicchia, E. 1-50911
- Nardelli, E. *see* Carolei, G. 1-48804
- Nardelli, G., Abbondanno, U., Demanins, F., Tuniz, C. MARY: a computer code for the analysis of γ -rays following compound inelastic scattering of neutrons in experiments using close neutron source-to-scatterer geometry 1-50551
- Nardelli, G. *see* Abbondanno, U. 1-641, 1-14490
- Nardi, M. Notes on radiometry and photometry, a use in perimetry 1-48
- Nardi, M. *see* Ronchi, L.R. 1-8942
- Nardi, V., Bostick, W.H., Feugas, J., Prior, W. Internal structure of electron-beam filaments 1-15066
- Nardi, V. *see* Bostick, W.H. 1-34060
- Nardone, M. *see* De Santis, A. 1-26199
- Nardone, P. *see* Brout, R. 1-9748
- Narducci, L.M. *see* Agarwal, G.S. 1-45895
- Narducci, L.M. *see* Bonifacio, R. 1-46429
- Narducci, L.M. *see* Farina, J.D. 1-1618
- Narducci, L.M. *see* Vaidyanathan, A. 1-37543
- Narducci, K.W. *see* Falk, J.C. 1-48498
- Narebska, A. *see* Lemanska, G. 1-2343
- Naremskii, N.K. A rapid method of determining the particle-size distribution of micropowders 1-9967
- Nargundkar, V.R. *see* Job, P.K. 1-5909
- Narhai, H., Azuma, T. On the definition of a positive frequency part for a quantized scalar field in several Robertson-Walker Universes 1-36442
- Narhai, H., Kobayashi, M., Matsuko, T., Ito, Y., Aya, I. Flow instabilities in a once-through steam generator 1-28562
- Narhai, K. Radiative diffusion in stellar atmospheres 1-54480
- Narison, S. *see* Craigie, N.S. 1-5568
- Narita, K., Kagami, A., Mimura, Y. Behavior of phosphors under low voltage cathode ray excitation 1-12587
- Narita, K. *see* Fukunaga, H. 1-47905
- Narita, K. *see* Nishimura, K. 1-50147
- Narita, N., Birnbaum, H.K. On the role of phase transitions in the hydrogen embrittlement of stainless steels 1-43333
- Narita, N. *see* Liu, R. 1-16876
- Narita, N. *see* Takamura, J. 1-12758
- Narita, S. D⁺ states in germanium and silicon 1-47535
- Narita, S., Kobayashi, M. Far-infrared investigations of impurity bands in semiconductors [and photoconductivity] 1-48126
- Narita, S. *see* Muro, K. 1-52970
- Narita, S. *see* Okamoto, H. 1-12208
- Narita, T. *see* Kikuchi, Y. 1-28521
- Narita, Y., Leissa, A.W. Flexural vibrations of free circular plates elastically constrained along parts of the edge 1-19605
- Narita, Y. *see* Igarashi, R. 1-14211
- Naritsuka, S. *see* Kuramochi, N. 1-41804
- Narlikar, A.V. *see* Ekbote, S.N. 1-16482, 1-47947
- Narlikar, A.V. *see* Kwasnitza, K. 1-48301
- Narlikar, J.V., Burbidge, G.R. An empirical approach to cosmology 1-40580
- Narlikar, J.V., Das, P.K. Anomalous redshifts of quasi-stellar objects 1-9710
- Narlikar, J.V., Kembhavi, A.K. Non-standard cosmologies 1-32779
- Narlikar, J.V. *see* Canuto, V.M. 1-32775
- Narnhofer, H. Another definition for time delay 1-23057
- Narnhofer, H., Sewell, G.L. Vlasov hydrodynamics of a quantum mechanical model 1-50040
- Naroska, B. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Naroska, B. *see* Hanna, D. 1-41015
- Naroska, B. *see* Irion, J. 1-50475
- Naroska, B. *see* O'Neill, L.H., Jr. 1-50443
- Narovyanskaya, N.M., Tikhonov, E.A. Dye jet laser for spectroscopic applications 1-33715
- Narozhny, N.B., Sanchez-Mondragon, J.J., Eberly, J.H. Coherence versus incoherence: collapse and revival in a simple quantum model 1-24084
- Narozhnyi, V.N. *see* Alekseevskii, N.E. 1-25819
- Narsiya, G.S. *see* Gerasimov, A.V. 1-30283
- Narten, A.H. *see* Hendricks, R.W. 1-28143
- Narten, A.H. *see* Rovere, M. 1-11665
- Narten, A.H. *see* Triolo, R. 1-38252
- Nartova, T.T., Grigor'ev, I.P., Stepanov, Yu.N., Tarasova, O.B. Effect of tungsten on the mechanical properties of Ti-9Al-3Zr alloys 1-16884
- Nartysht, Ya.N. *see* Kampar, V.E. 1-17080
- Naruchi, K. *see* Kanekiyo, T. 1-26759
- Narumi, H. *see* Yamamoto, K. 1-6928
- Naruo, Y. *see* Hayashi, K. 1-39945
- Naruoka, M. *see* Mizusawa, T. 1-41974
- Narusawa, H., Nakanishi, K. A simulation of preferential solvation in ternary Lennard-Jones liquid mixtures by the molecular dynamics method 1-15777
- Narusawa, U. Utilization of the moment generating function in the kinetic solution of plane-shock structures 1-2127
- Narusawa, U. *see* Takao, S. 1-1960
- Naruse, A. *see* Nakagawa, Y. 1-43616
- Naruse, Y. *see* Takahashi, M. 1-32226
- Narva, V.K., Loshkareva, N.S., Uspenskii, L.G. Nitriding of titanium carbide-steel materials 1-39533
- Narvekar, P.V. *see* Zingde, M.D. 1-53716
- Naryshkina, N.A. *see* Kudryashov, V.G. 1-53287
- Narzikulov, M. *see* Begzhanov, R.B. 1-23604
- Nasby, R.D. *see* Garner, C.M. 1-32017
- Nasby, R.D. *see* Schwartz, R.J. 1-53609
- Nasby, R.D. *see* Weaver, H.T. 1-43777
- Naschi, G. The Italian approach to nuclear safety philosophy 1-33309
- Nascimento, I.C. *see* Arruda-Neto, J.D.T. 1-5812, 1-10396
- Nascimento, M.A.C., Goddard, W.A., III The Rydberg states of trans-butadiene from generalized valence bond and configuration interaction calculations 1-28880
- Nascimento, M.A.C., Goddard, W.A., III The Rydberg states of trans-1,3,5-hexatriene from ab initio and configuration interaction calculations 1-28882
- Nasedkin, V.V. *see* Markov, V.K. 1-13452
- Naselskii, P.D. *see* Zabolot, N.A. 1-49708
- Naser, J.A., Sehgal, B.R. Monte Carlo calculation of direct moderator heating for BWRs 1-5949
- Naser, J.A., Sehgal, B.R. Improved modeling of heat removal in steam generators during PWR transients 1-50805
- Naser, J.A. *see* Moberg, L. 1-5956
- Nash, A. *see* Churchill, E. 1-44613
- Nash, A.E., Johnson, T.L. Effect of badge position on the response of an albedo neutron dosimeter 1-41254
- Nash, C. *see* Braatz, P.G. 1-11165
- Nash, D.B., Fanale, F.P., Nelson, R.M. SO₂ frost: UV-visible reflectivity and I_0 surface coverage 1-17782
- Nash, F.R., Hartman, R.L. Accelerated facet erosion formation and degradation of (Al, Ga)As double-heterostructure lasers 1-15170
- Nash, G. An appraisal of subcooled boiling and slip ratio from measurements made in the Lingen boiling water reactor 1-5907
- Nash, G. *see* Gibson, I.H. 1-33289
- Nash, P.J. *see* Wood, J.G. 1-8523
- Nash, P.L. A factorization of M_4 : construction of the principal bundle of orthogonal frames over Mn from $O(3,3)$ spinors 1-5474
- Nashimoto, Y. *see* Hayakama, S. 1-35199
- Nasibov, A.S., Pechenov, A.N., Popov, Yu.M., Reshetov, V.I. Investigation of the degradation of electron-beam-tube laser screens 1-6577
- Nasibov, A.S. *see* Bulakh, B.M. 1-43254
- Nasibov, A.S. *see* Kozlovskii, V.I. 1-37512
- Nasibov, I.I., Sultanov, T.I., Rustamov, A.G., Rustamov, P.G., Shafagatova, G.G. The cross section $\text{Nd}_2\text{Se}_3\text{-PbSe}$ of the ternary system Nd-Pb-Se 1-53162
- Nasibov, I.O., Sultanov, T.I. Interaction in the ternary system Eu-Sn-Se over the cross section $\text{Eu}_3\text{Se}_2\text{-SnSe}$ 1-53161
- Nasibov, I.O., Sultanov, T.I., Rustamov, A.G., Rustamov, P.G., Shafagatova, G.G. The cross section $\text{Pr}_2\text{Se}_3\text{-PbSe}$ of the ternary system Pr-Pb-Se 1-8283
- Nasielski, J. *see* Kirsch-De Mesmaeker, A. 1-8730, 1-47743
- Nasim, M., Wilson, E.A., Hwang, S.K., Morris, J.W., Jr. Discussion of 'The improvement of cryogenic mechanical properties of Fe-12Mn and Fe-8M alloy steels through thermal/mechanical treatments' [and reply] 1-12769
- Nasir, P., Martin, R.J., Kobayashi, R. A novel apparatus for the measurement of the phase and volumetric behavior at high temperatures and pressures and its application to study VLE in the hydrogen-tetralin system 1-40790
- Naskidashvili, A.I., Lapiashvili, E.S., Naskidashvili, I.A., Topolant, L.S. Calorimetric study in the effect of superposition on the radiation effects in titanium 1-20273
- Naskidashvili, B.D., Shatashvili, L.Kh. Features of lunar variations of neutron and meson components of cosmic rays 1-36140
- Naskidashvili, B.D. *see* Dzhiapashvili, T.V. 1-36148
- Naskidashvili, I.A. *see* Akopov, F.Kh. 1-35288
- Naskidashvili, I.A. *see* Bydlinskaya, I.N. 1-2624
- Naskidashvili, I.A. *see* Naskidashvili, A.I. 1-20273
- Naslain, R. *see* Vlasse, A.G.M. 1-38339
- Naslenas, E.P. *see* Trinkunas, G.P. 1-15010
- Nason, D. Comments on 'Transition layer on the surface of ice' by B. Beaglehole and D. Nason 1-34565
- Nasonov, N.N. Interaction of channeled charged particles with intense light 1-25346
- Nasonov, N.N. Diffractive channeling of fast charged particles in crystals 1-25347
- Nasonov, N.N. Acceleration of charged particles by atomic fields in crystals 1-38419
- Nasonov, N.N. Orientational dependence of the radiative energy loss of relativistic electrons or positrons scattered by an atomic row 1-38420
- Nasonov, N.N. On the theory of fast charged particle elastic scattering by an atomic chain 1-52206
- Nasrallah, N.F. $\Delta I = 1/2$ selection rule in quantum chromodynamics 1-45233
- Nasredinov, F.S. *see* Prokof'ev, L.V. 1-43050
- Nass, C. *see* Appel, A. 1-1513
- Nass, M.J., Levin, K., Grest, G.S. Magnetic fine structure in superconducting tunneling: Spin-glass superconductors 1-30888
- Nass, M.J., Levin, K., Grest, G.S. Coexistence of magnetism and superconductivity: Tunneling characteristics of magnetic superconductors 1-42890
- Nass, M.J., Levin, K., Grest, G.S. Bardeen-Cooper-Schrieffer pairing in antiferromagnetic superconductors 1-52693
- Nassau, K. Material dispersion zero in infrared waveguides 1-19443
- Nassau, K. The causes of color 1-31109
- Nassau, K. Rapidly quenched glasses 1-31409
- Nassau, K., Glass, A.M., Grasso, M., Olson, D.H. Rapidly quenched tungstate and molybdate composition containing lithium: glass formation and ionic conductivity 1-34505
- Nasser, J.A. *see* Bidaux, R. 1-26000
- Nassi, M., Brody, W.R., Cipriano, P.R., Macovski, A. A method for stop-action imaging of the heart using gated computed tomography 1-53686
- Nassibian, A.G. *see* Golja, B. 1-12165, 1-52168
- Nassif, E. *see* Rosen, M. 1-25497
- Nassiopoulos, A.G., Moller, P.A., Septier, A. Confinement of ions in a cylindrical trap in an RF quadrupolar field. Application to mass spectrometry. I. Theory 1-374
- Nassiopoulos, A.G., Moller, P.A., Septier, A. Confinement of ions in a cylindrical trap in an RF quadrupolar field. Application to mass spectrometry. II. Experiment 1-375
- Nassiri, P. *see* Bon, A.M. 1-16568
- Nassrallah, M. *see* Bishay, A. 1-31414
- Nastasi-Andrews, R.J. *see* Andrews, J.B. 1-8091
- Nastrom, G.D. The response of superpressure balloons to gravity waves 1-49421
- Nastrom, G.D., Belmont, A.D., Brown, D.E. Eddy diffusion coefficients and the variance of the atmosphere 30-60 km 1-22447
- Nastyukha, A.I. *see* Veselovskii, V.V. 1-53418
- Nasu, K. Nonradiative transition during lattice relaxation in localized electron-phonon system 1-35097
- Nasu, K., Toyozawa, Y. Tunneling process from free state to self-trapped state of exciton 1-38728
- Nasu, S., Gonsler, U. Simultaneous transmission and scattering Mossbauer study on amorphous $\text{Fe}_{0.9}\text{Ni}_{0.1}\text{P}_{0.4}\text{B}_{0.6}$ 1-26089
- Nasu, S., Takeshita, H. Comment to 'The lattice energy of lithium monoxide' 1-7126
- Nasu, S. *see* DeVan, J.H. 1-28694
- Nasu, S. *see* Ino, H. 1-31069
- Nasu, S. *see* Kurasawa, T. 1-3969
- Nasu, S. *see* Tanifuji, T. 1-20270
- Nasyrov, A.N. *see* Akhmedzhanov, F.R. 1-42456
- Nasyrov, R.Sh. *see* Startsev, V.E. 1-12094
- Natali, S. *see* Erriques, O. 1-23490
- Natal'in, B.A. The tectonic nature of the metamorphic rock complex on the Chukotka Peninsula 1-9150
- Natal'in, B.A. *see* Parfenov, L.M. 1-22294

- Natalis, P. *see* Delwiche, J. 1-29039
- Natanson, G.A., Toloknova, T.A. Application of the Kazansky-Monin theory to models of atmospheric boundary layer 1-32488
- Natanson, G.A. Some comments on the accuracy of Woods's variant of the method of internal axes 1-41366
- Natapoff, M. Nodal, ionic, and atomic radii, in compounds 1-51113
- Natopov, B.S. *see* Babitskaya, A.N. 1-48390
- Natarajan, A., Rajendran, S. Molecular constants of symmetric N_2O_3 1-41453
- Natarajan, M. *see* Sabesan, R. 1-15774
- Natarajan, N. *see* Causon, D. 1-52237
- Natarajan, N.S. *see* Tomar, V.S. 1-52716
- Natarajan, R. *see* Krishna Rao, K. 1-17263
- Natarajan, S. Infrared spectra of calcium halide complexes of glycine 1-45950
- Natarajan, S. *see* Subramanian, K. 1-29969
- Natarajan, T.R., Khandpur, R.S. Technique and clinical significance of echoencephalography 1-32212
- Natarajan, V. *see* Ramaswami, A. 1-18690
- Natarajna, A., Somasundaram, S. Molecular constants of tetra fluoro oxalate anions 1-41359
- Nategh, S., Goodhew, P.J., Szkopiak, Z.C. Creep in multiple mechanical thermal treated austenitic steel 1-16864
- Nateprov, A.N. *see* Arushanov, E.K. 1-42675
- Natesan, K. *see* Chopra, O.K. 1-42561
- Nath, A. *see* Kalliat, M. 1-53416, 1-53417
- Nath, A.K., Chatterjee, U.K. Effect of pressure on the spectral distribution of a transversely excited atmosphere CO_2 laser oscillator 1-15146
- Nath, A.K., Chatterjee, U.K. Theoretical and experimental studies of a multiline TEA CO_2 laser with hot CO_2 as an intracavity absorber 1-19321
- Nath, D.K. Luminescence processes in Nb doped YVO_4 1-26273
- Nath, G. Unsteady laminar laser heated boundary layers at a three-dimensional stagnation point 1-24763
- Nath, G. *see* Venkatachala, B.J. 1-37873
- Nath, J. Molecular configurations of unassociated polar and nonpolar organic substances in the liquid state 1-37355
- Nath, L.M., Bhattacharyya, B.K. Photoproduction of pions at low energy 1-570
- Nath, N., Mikkelsen, I.S., Jorgensen, T.S. On the formation of high latitude E₁ layers 1-27336
- Nath, N. *see* Kaushik, D.K. 1-36627
- Nath, P., Arnowitz, R. The U(1) problem and anomalous Ward identities 1-45149
- Nath, P., Arnowitz, R. Prototype models for particle structure in gauge supersymmetry 1-45155
- Nath, P., Arnowitz, R. U(1) problem: current algebra and the θ vacuum 1-45228
- Nath, P., Bunshah, R.F., Basol, B.M., Staffsud, O.M. Electrical and optical properties of In_2O_3 :Sn films prepared by activated reactive evaporation 1-16389
- Nath, R., Price, K.W., Holeman, G.R. An intercomparison of neutron measurements for a 25 MV X-ray radiotherapy accelerator 1-9025
- Nath, R., Schulz, R.J. Calculated response and wall correction factors for ionization chambers exposed to ^{60}Co gamma-rays 1-41275
- Nath, R., Schulz, R.J., Bongiorno, P. Response of mammalian cells irradiated with 30 MV X-rays in the presence of a uniform 20-kilogauss magnetic field 1-13292
- Nath, R. *see* Kumar, A. 1-7626
- Nathan, O. The 1 f/2 nuclei: Some features of their spectroscopy 1-10317
- Nathan, O. *see* Christensen, P.R. 1-18663
- Nathan, T.P.S. *see* Pant, H.C. 1-2212
- Nathanson, G., Gitlin, B., Rosan, A.M., Yardley, J.T. Ultraviolet laser photolysis: primary photochemistry of $Fe(CO)_5$ in PF_5 1-43683
- Nathanson, G. *see* Yardley, J.T. 1-39661
- Nather, H. *see* Romanek, K.M. 1-52592
- Nather, R.E. *see* Stover, R.J. 1-17844, 1-22794
- Nation, J.A. *see* Adler, R. 1-50997
- Nations, H.L. *see* Ramsey, L.W. 1-4940
- Natkanie, I., Bokhenkov, E.L., Dornier, B., Kalus, J., Mackenzie, G.A., Pawley, G.S., Schmelzer, U., Sheka, E.F. Phonon dispersion in d_8 -naphthalene crystal at 6K 1-2575
- Natkanie, I. *see* Schmelzer, U. 1-47186
- Natoli, C.R., Misemer, D.K., Doniach, S., Kutzler, F.W. First-principles calculation of X-ray absorption-edge structure in molecular clusters 1-1429
- Natoli, C.R. *see* Kutzler, F.W. 1-1104
- Natori, A. *see* Gemma, N. 1-48120
- Natowitz, J.B. *see* Ho, H. 1-14536
- Natsik, N.D. *see* Gekina, I.V. 1-30231
- Natsik, V.D., Potomyina, L.G. Electron spectra in metals with dislocations 1-34661
- Natsik, V.D., Soldatov, V.P., Startsev, V.I. Quantum effects in the low temperature creep of metals 1-15947
- Natsuaki, N. *see* Mannami, M. 1-38415
- Natsume, M. *see* Udagawa, S. 1-21444
- Natta, A., Palla, F., Preite-Martinez, A., Panagia, N. On the energetics of dense molecular clouds 1-9638
- Natta, A., Panagia, N., Preite-Martinez, A. The problem of sulfur abundance determination in gaseous nebulae 1-44606
- Natter, W.J. *see* Durig, J.R. 1-45973
- Nattermann, T. Lattice dimensionality, symmetry, and critical behaviour of ferroelectrics 1-21142
- Nattermann, T. The influence of fluctuations on the incommensurate-commensurate transition 1-25402
- Nattermann, T. *see* Geppert, U. 1-21035
- Natyaganov, V.L. *see* Golovin, A.M. 1-38017
- Nau, B.S. Observations and analysis of mechanical seal film characteristics 1-43644
- Nauchitel, V.V., Pertsin, A.J. A Monte Carlo study of the structure and thermodynamic behaviour of small Lennard-Jones clusters 1-1428
- Nauchitel, V.V. *see* Agrafov, Yu.V. 1-16167
- Naudet, J.P., Rigaud, P., Huguenin, D. Stratospheric NO_2 at night from stellar spectra in the 440 nm region 1-17650
- Naudet, J.P., Rigaud, P., Huguenin, D. Vertical nocturnal distribution of ozone by vertical sounding and the tangent ray technique from a stratospheric balloon 1-44227
- Naudon, A. *see* Flank, A.M. 1-25173
- Nauenberg, M., Scalapino, D. Scaling at a bifurcation point 1-27902
- Nauenberg, M. *see* Cardy, J.L. 1-9943
- Nauenberg, M. *see* Lautrup, B. 1-23416
- Nauer, G. *see* Kny, E. 1-53313
- Naughton, M. *see* Magaw, R. 1-50953
- Naughton, M.D. *see* Shaw, R.A. 1-28746
- Naugle, D.G. *see* Cort, B. 1-52313
- Naugle, D.G. *see* Cort, G. 1-42919
- Naugol'naya, M.N. *see* Berlin, A.B. 1-17898
- Naugol'nyi, N.N. *see* Batygin, Yu.V. 1-23923
- Naugol'nykh, K.A. *see* Lyamshev, L.M. 1-38469
- Naulin, F. *see* Pougheon, F. 1-50505
- Naumann, F.K., Spies, F. Corroded heating coil of a dyeing apparatus 1-8488
- Naumann, L. *see* Barranco Luque, M. 1-14745
- Naumann, R.A. *see* Bennett, C.L. 1-17746
- Naumann, R.A. *see* Girshick, F. 1-28384
- Naumann, R.A. *see* Knight, J.D. 1-15039
- Naumenko, G.Yu. *see* Amirov, R.Kh. 1-30776
- Naumenko, V.M., Eremenko, V.V., Bandura, V.M., Pishko, V.V. Coherent reconstruction of the spin wave spectra of antiferromagnetic $CoF_2:Mn$ 1-3164
- Naumenko, Ye.D., Sretenskiy, V.N., Filimonova, T.N. The super-klystron compression of a train of high-charge, relativistic electron rings 1-10555
- Naumenko-Bondarenko, I.I. *see* Vashchilov, Yu.Ya. 1-53957
- Naumkin, N.I. *see* Kravtsov, N.V. 1-1650
- Naumkina, N.I. *see* Zinetdinova, R.Z. 1-37685
- Naumov, I.I., Panin, V.E., Zhorovkov, M.F. Interaction of the Fermi surface with Brillouin zone faces and elastic properties of phases of the β -brass type. The pseudopotential method 1-12016
- Naumov, I.I., Panin, V.E., Zhorovkov, M.F. Dimensional Hume-Rothery factor and shear stability of BCC solid solutions 1-47147
- Naumov, I.V. Angle-code converter using airtight electromagnetic contacts 1-44882
- Naumov, I.V. *see* Voitovetskiy, V.K. 1-51023
- Naumov, N.D. The tetradic method in the electro-dynamics of moving media 1-9851
- Naumov, N.D. *see* Kuz'menkov, L.S. 1-29860
- Naumov, N.M., Zarubinskaya, L.Ya. Eddy-current monitoring of mechanical parameters for dimpled sheets of D16T alloy 1-31809
- Naumov, V.A. Determination of the absolute declinations of equatorial stars from observations at the equator using a transit instrument 1-44443
- Naumov, V.A., Garaeva, R.N., Butenko, G.G. Electron diffraction study of the structure of the molecule of the dimethylamide of methanesulfonic acid 1-33573
- Naumov, V.A., Kulich, S.B., Nelaev, V.V., Pavlyukovich, P.A. The engineering-physical model to describe radiative-thermal efficiency of the fuel element of a fast disperse-core reactor 1-18736
- Naumov, V.A., Prudnikova, E.Ya., Sharavin, A.M. Corrections to declinations of star pairs of the ZTL-180 Pulkovo zenith program 1-13666
- Naumov, V.A. *see* Tuzova, L.L. 1-6404
- Naumov, V.I., Zagrebaev, A.M. Minimization of loss of energy output by system of reactors operating with a variable load schedule 1-28640
- Naumov, V.L. *see* Zverev, G.M. 1-37520
- Naumov, Yu.V. *see* Klapdor, H.V. 1-50681
- Naumov, Yu.V. *see* Kraft, O.E. 1-683
- Naumova, N.A. *see* Kozenkov, V.M. 1-29372
- Naumovets, V.G., Pasechnik, L.L., Yagola, V.V. HF power absorption by a plasma in a magnetic field 1-24936
- Naumovich, N.V. *see* Bodayko, M.N. 1-8320
- Naumowicz, P., Szarras, S. Structure perfection of some molecular crystals grown from the melt 1-30116
- Naumowicz, P., Wieteska, K. X-ray double crystal measurements of lattice parameters changes of facets in GGG crystals 1-20152
- Naushahi, M.K. *see* Blangetti, F. 1-24855
- Nava, D.F. *see* Michael, J.V. 1-31838, 1-35523
- Nava, D.F. *see* Stief, L.J. 1-4064
- Nava, F. *see* Bosman, G. 1-30754
- Nava, R. *see* Rodriguez, M. 1-2569
- Navach, F. *see* Armstrong, T. 1-10606
- Navach, F. *see* Evangelista, C. 1-45354
- Navach, F. *see* Hanna, D. 1-41015
- Navach, F. *see* Irion, J. 1-50475
- Navaratnam, S. *see* Edwards, H.E. 1-21751
- Navarra, G. *see* Bosia, G. 1-4732
- Navarro, J. A simple description of the breathing mode 1-28440
- Navarro Belsue, J.M., Morales, J., Plo, M., Villar, J.A. A simple method of correcting the intervals to fit overlapping Gaussians in gamma spectrometry 1-50288
- Nave, C. *see* Banner, D.W. 1-48948
- Nave, S.E., Huray, P.G., Haire, R.G. The magnetic susceptibility of ^{249}Bk metal 1-20968
- Nave, S.E. *see* Huray, P.G. 1-52758
- Navelet, H. The η , η' , η'' mixing angles and SU(4) 1-10181
- Navia, M.A. *see* Steven, A.C. 1-19183
- Navinske, B., Petermel, M., Zabkar, A., Erents, S.K. Blistering and deuterium trapping induced by D^+ ion bombardment in metal alloys 1-25336
- Navkhandewala, R.V. *see* Guha, S. 1-7622
- Navon, D.H. *see* Chin, D.J. 1-35655
- Navon, E. *see* Nir, D. 1-6369
- Navon, I., Piasetzky, E., Ashery, D., Altman, A., Azuelos, G., Schleputz, F.W., Walter, H.K. True absorption and scattering of pions on ^{16}O and ^{18}O 1-5801
- Navon, I. *see* Barnett, B.M. 1-23557
- Navon, I.M. *see* Fairweather, G. 1-76
- Navon, U., Rodrigue, H., Abuaif, N., Gutfinger, C. Motion of a solid particle in a rectangular horizontal duct under the influence of a turbulent air stream 1-34000
- Navotny, V.S. *see* Azimov, S.A. 1-50473
- Navoyan, A.V. *see* Akopyan, Zh.S. 1-24702
- Navratil, J.D. *see* DeVan, J.H. 1-28694
- Navratil, K. *see* Ohlidal, I. 1-3525, 1-31218
- Navratil, V., Lukac, P., Startsev, V.I., Soldatov, V.P. The concentration dependence of the critical resolved shear stress of Cd-Zn single crystals at very low temperatures 1-5241
- Navratil, V. *see* Hamersky, M. 1-43412
- Navratil, V. *see* Lukac, P. 1-43408
- Navrotskii, V.T. *see* Gaisak, M.I. 1-1376
- Navrotsky, A. Lower mantle phase transitions may generally have negative pressure-temperature slopes 1-17588
- Navrotsky, A. Lattice stability of AX and AB_2O_4 compounds 1-52101
- Nawal, T. *see* Arii, M. 1-23772
- Nawata, K. *see* Nakano, Y. 1-15185
- Nawata, K. *see* Tokunaga, M. 1-51479
- Nawata, Y., Ochi, K., Shiba, M., Morita, K., Iitaka, Y. Structure of potassium sucrose octasulfate heptahydrate 1-30208
- Nawrocki, M., Paniel, R., Fishman, G., Galazka, R. Exchange-induced spin-flip Raman scattering in a semimagnetic semiconductor 1-52953
- Nawrocki, Z., Jaskulski, J. Systems for measuring temperature and power dissipation in cryoelectric equipment 1-23273
- Nayak, G.C. *see* Gaur, V.K. 1-27066
- Nayak, J.K. *see* Sodha, M.S. 1-21913
- Nayak, R.C. *see* Gross, D.H.E. 1-45532
- Nayatani, Y. *see* Tominaga, S. 1-5093, 1-23400
- Naydukh, Yu.G. *see* Lysykh, A.A. 1-11829
- Nayfeh, A.H. Continuum modeling of low frequency heat conduction in laminated composites with bonds 1-24652
- Nayfeh, A.H. Intensification and refraction of acoustical signals in partially choked converging ducts 1-41900
- Nayfeh, A.H. Three-dimensional stability of growing boundary layers 1-42036
- Nayfeh, A.H., Kaiser, J.E., Marshall, R.L., Hurst, C.J. A comparison of experiment and theory for sound propagation in variable area ducts 1-1748
- Nayfeh, A.H. *see* Kelly, S.G. 1-19489
- Naylor, R.H. The role of experiment in Galileo's early work on the law of fall 1-5066
- Nayyar, V.P. *see* Nguyen Phu Xuan 1-46467
- Nazarchuk, M.M. *see* Kalinin, I.I. 1-1975
- Nazarenko, G.T., Ishchenko, I.I. Critical stress intensity factor of specimens with corrosion fatigue cracks 1-31627
- Nazarenko, L.A. *see* Ablev, V.A. 1-37638
- Nazarenko, V.A. *see* Altarev, I.S. 1-28774
- Nazarenko, V.A. *see* Fileleeva, L.I. 1-39627
- Nazarenko, V.A. *see* Vesna, V.A. 1-41094
- Nazarenko, V.V. *see* Efimov, G.V. 1-12702
- Nazareno, H.N. Relativistic palladium electronic structure 1-16224
- Nazareth, R.A.M.S., Kodama, T. Effect of inertia parameters on static fission path 1-5813
- Nazarewicz, W. *see* Dudek, J. 1-14459
- Nazargulov, R. *see* Angelov, N. 1-18689

- Nazaroff, W.W. An improved technique for measuring working levels of radon daughters in residences 1-14785
- Nazarov, A.N. *see* Kragelskii, I.V. 1-21595
- Nazarov, G.B. *see* Zandberg, E.Ya. 1-42846
- Nazarov, G.G. *see* D'yakonova, N.I. 1-12621
- Nazarov, N.I. *see* Stepanenko, I.A. 1-42200
- Nazarov, V.I. *see* Vinogradov, V.N. 1-16989
- Nazarov, V.G. *see* Manin, V.N. 1-25503
- Nazarov, V.M. *see* Nagy, A.Z. 1-21820
- Nazarova, L.S. Hot spots in central regions of galaxies. II. NGC 4314 and NGC 4321 1-32757
- Nazarova, M.N. *see* Pereyaslova, N.K. 1-36127
- Nazay, Ya.M., Mustafaev, M.R. An apparatus for study of liquid specific heat at high state parameters in the monotonic heating regime 1-14116
- Nazikoglu, Z. Contribution of magnetic observations to plate tectonics and two new methods for computing anomalies due to 'constant' and 'variable' magnetization 1-32351
- Nazin, G.I. Topological structure of the family of solutions of the Bogolyubov equation 1-5221
- Nazin, G.I. Description of Gibbs random fields by generating functional method 1-50088
- Nazintsev, V.V. *see* Kravchenko, A.F. 1-52606
- Nazir, A. Fattah *see* Fattah Nazir, A.
- Nazmeev, Yu.G. Intensification of convective heat exchange by ribbon swirlers in the flow of anomalously viscous liquids in pipes 1-15488
- Nazmeev, Yu.G., Feifer, L.I., Yurist, A.M., Vachagin, K.D. Heat exchange during flow of anomalously viscous fluids in cylindrical channels of simply connected cross section 1-11404
- Nazmeev, Yu.G., Nikolaev, N.A. Correlation of experimental data on heat transfer in tubes with twisted tape turbulence promoters 1-33960
- Nazmitdinov, R.G. *see* Ignatyuk, A.V. 1-10291
- Nazmitdinov, R.G. *see* Mikhailov, I.N. 1-5720
- Nazyrov, O.R. *see* Bashkin, A.S. 1-51508
- Nazzari, A. *see* Cox, R.J. 1-46472
- Ndikumana, T. *see* Burtin, B. 1-6306
- N'Doye, B. *see* Rocaries, F. 1-17265
- Nduka, A. Internal fields of the Lyttleton-Bondi sphere 1-36549
- Ndyai Papa Modi *see* Papa Modi Ndyai
- Neal, H.A. *see* Corcoran, M. 1-33204
- Neale, K.W., Chater, E. Limit strain predictions for strain-rate sensitive anisotropic sheets 1-29567
- Neale, W.W. *see* Eskreys, A. 1-594
- Nealon, M. *see* Doezema, R.E. 1-16381
- Nealson, K.H. *see* Leisman, G. 1-4404
- Nease, A.B. *see* Durig, J.R. 1-52947
- Nease, A.B. *see* Wurrey, C.J. 1-19097
- Nease, D. *see* Barish, B. 1-10192
- Neau, E.L. X-ray triggered switching in SF₆ insulated spark gaps 1-25113
- Neave, J.H. *see* Larsen, P.K. 1-35142
- Nebe, J. *see* Judge, A. 1-7091
- Nebel, R.A., Mile, G.H., Moses, R.W. One-dimensional thermonuclear burn computations for the reversed field pinch reactor (RFPR) 1-41244
- Necas, J. Variational inequalities in elasticity and plasticity with application to Signorini's problems and to flow theory of plasticity 1-1845
- Necas, J., Travnicek, L. Evolutionary variational inequalities and applications in plasticity 1-37807
- Necas, V. *see* Grone, R. 1-50275
- Nechae, V.E. *see* Gorskova, M.A. 1-23367
- Nechae, V.G. *see* Blyakhman, L.G. 1-42241
- Nechae, V.M., Poltoranskii, E.A., Suris, R.A. Radiative recombination in n-type GaP grown by the Czochralski method 1-21272
- Nechae, Yu.S., Bubenshchikov, A.S. Characteristics of vacancies and temperature coefficients of electrical resistivity in aluminum and its alloys 1-2431
- Nechiporenko, V.I. *see* Borisova, A.L. 1-12774
- Nechitalov, A.P. *see* Mikhailenko, S.I. 1-30165
- Nechtschein, M. *see* Holzer, K. 1-42995
- Nechuyev, S.I. *see* Brodskii, Yu.Ya. 1-46893
- Nekel, A. *see* Eibler, R. 1-7501
- Nekel, T., Harris, A.W., Eiroa, C. Discovery of the exciting star in the North America-Pelican nebula complex 1-36370
- Nekel, T., Kiere, G. The spatial distribution of the interstellar extinction 1-9634
- Nekel, T. *see* Chini, R. 1-27491
- Nectoux, P., Gilbert, M., Drifford, M. Molecular motions in liquid NOF. 1-39085
- Nectoux, P., Vinit, A., Gilbert, M. Gas phase infrared investigation of NOF. 1-37200
- Nectoux, P. *see* Drifford, M. 1-39116
- Nedanov, M.V. *see* Elkhov, V.A. 1-23353
- Nedashkovskaya, N.D. *see* Afanas'ev, I.I. 1-23290
- Nedashkovskii, I.Yu. Recording of reflected and refracted waves on seismograms and time sections by the seismic wave method 1-22553
- Nedbal, J. *see* Havranek, A. 1-53228
- Nedbal, L. *see* Silinsh, E.A. 1-30134
- Neddermeyer, H. *see* Heimann, P. 1-35055
- Nedele, O. *see* Giroud, M. 1-24181
- Nedeljkovic, Lj. *see* Sedmak, S. 1-53253
- Nedeljkovic, N.N. Accurate asymptotic treatment of one-electron processes in slow collisions of atomic particles with solid surfaces 1-41499
- Nedel'ko, S.G. *see* Belyi, M.U. 1-12543
- Nedellec, P. *see* Snadow, L. 1-30861
- Nederkorn, J.J.B.M., Dragt, J.B., Janssen, A.J., Oei, T.D. A class of LP-models, generated from a flexible network representation and a technological data base 1-39722
- Nederveld, D. *see* Becker, O. 1-31294
- Nedorezov, S.S., Peschanskii, V.G. Quantum magnetosize effects in metals 1-42872
- Nedorezov, S.S. *see* Mikitik, G.P. 1-3127
- Nedorezov, V.G. *see* Kuznetsov, V.L. 1-1010, 1-41154
- Nedospasov, A.V., Petrov, V.G. Unipolar arcs as impurity source in Tokamaks 1-24949
- Nedospasov, A.V., Poberezhskii, L.P. Theory of electrode arcs in a flow of combustion products containing an additive 1-15669
- Nedospasov, A.V., Tokar, M.Z. Conception of divertorless Tokamak reactor with turbulent plasma blanket 1-25036
- Nedostup, V.I., Gal'kevich, E.P. Generalized form of the equation of state of real gases 1-11484
- Nedostup, V.I., Gal'kevich, E.P. The 'ideal curve' method in the thermodynamics of real gases and mixtures 1-51899
- Nedyalkov, I. *see* Daskalov, K. 1-33992
- Nedzelitsky, V. Sound pressures in the basal turn of the cat cochlea 1-32142
- Nedzetskii, D.S. *see* Gaisin, V.A. 1-35087
- Neeb, K.H., Schweighofer, W., Wurtz, R. Experimental methods for investigations on internal fuel rod chemistry of light water reactor fuels 1-50759
- Needell, G.J. The distribution of dissolved silica in the deep western North Atlantic Ocean 1-54099
- Needham, D. *see* Juteau, T. 1-27151
- Needham, D.E. *see* Auf der Heyde, T.P.E. 1-31142
- Needham, G.A. *see* Brady, F.P. 1-28823
- Needham, G.A. *see* Zanelli, C.I. 1-45506
- Needham, P.B., Jr. *see* Covino, B.S., Jr. 1-4007
- Needleman, A., Rice, J.R. Plastic creep flow effects in the diffusive cavitation of grain boundaries 1-2705
- Needleman, A. *see* Chu, C.C. 1-41959
- Needleman, A. *see* Triantafyllidis, N. 1-41958
- Neef, R.D. *see* Carlson, D.E. 1-18812
- Ne'eman, Y. Gravity, groups, and gauges 1-18124
- Ne'eman, Y., Takasugi, E., Thierry-Mieg, J. Soft-growth manifold Becchi-Rouet-Stora transformations and unitarity for gravity, supergravity, and extensions 1-23090
- Ne'eman, Y., Thierry-Mieg, J. Geometrical theory of ghost and Higgs fields and SU(2)/1-1-5457
- Neergard, K., Dossing, T., Sagawa, H. Electromagnetic moments of isomers in ^{142,144,147,148}Gd in the deformed independent particle model 1-45421
- Neergard, K. *see* Dossing, T. 1-45394
- Neerland, G. *see* Cyvin, S.J. 1-24111
- Neerven, W.L. *see* van Neerven, W.L.
- Nees, R.T. *see* Prospero, J.M. 1-44277
- Nef, C. *see* Cleland, W.E. 1-23522, 1-45360
- Nefed'ev, A.V., Lapkina, N.D., Stukan, R.A., Struchkov, Yu.T., Lependina, O.L., Novikov, Yu.N., Vol'pin, M.E. Synthesis, gamma-resonance spectra, and structure of layer compounds of graphite containing FeCl₃ and MoCl₃ or FeCl₃ and WCl₆ 1-7147
- Nefedov, A.P. *see* Andrianova, V.G. 1-25071
- Nefedov, N.N. Calculation of the directivity patterns of complex radiators from near-field measurements in the presence of reflected signals 1-37656
- Nefedov, S.N., Filippov, L.P. An experimental study of the thermophysical properties of cyclohexane 1-11922
- Nefedov, S.N. *see* Filippov, L.P. 1-23225, 1-52368
- Nefedov, V.I., Lunin, V.V., Chulkov, N.G. Dependence of surface composition of Zr-Ni intermetallic compounds on their bulk composition and heat treatment 1-52409
- Nefedov, V.I., Pozdeyev, P.P., Dorfman, V.F., Pypkin, B.N. X-ray photoelectron study of thin evaporated films of Fe/Ni alloy 1-30587
- Nefedov, V.I., Salyan, Ya.V., Solozhenkin, P.M., Pufalov, G.Yu. X-ray photoelectron study of surface compounds formed during flotation of minerals 1-42616
- Nefedov, V.I. *see* Baschenko, O.A. 1-16657
- Nefedov, V.I. *see* Gofman, M.M. 1-14959
- Nefedov, V.N. *see* Belanova, T.S. 1-23663
- Nefedov, V.V. *see* Benetskij, B.A. 1-688
- Neff, S.G. *see* Brown, R.L. 1-22908
- Neff, S.G. *see* Walker, R.C. 1-54503
- Neff, W., Krompholz, H., Ruhl, F., Schonbach, K., Herziger, G. Subnanosecond MeV electron beams from the plasma focus 1-2240
- Nefkens, B.M.K. Non-mesonic few-nucleon phenomena 1-50524
- Neganov, B.S. *see* Efimov, V.A. 1-41007
- Negas, T., Hosler, W.R., Domingues, L.P. Preparation and properties of yttrium chromite ceramics 1-16745
- Negas, T. *see* Mathew, M. 1-34322
- Negas, T. *see* Schneider, S.J. 1-7011
- Negele, J.W. *see* Levit, S. 1-14562
- Negendank, W. *see* Huang, H.W. 1-13264
- Negi, B.S., Sadasivan, S. X-ray emission intensities of radioisotopes produced by neutron activation 1-21832
- Negi, B.S. *see* Mishra, U.C. 1-26863
- Negishi, K., Takagi, K., Ozawa, H. Observation of phase advance due to diffraction of ultrasonic pulse 1-6735
- Negishi, K. *see* Choi, P.-K. 1-46084
- Negishi, K. *see* Takagi, K. 1-46083
- Negishi, M. *see* Matsunaga, K. 1-40147
- Negishi, Y. *see* Yabuta, T. 1-19465
- Negita, H. *see* Edge, O. 1-52863
- Negita, H. *see* Shimomura, K. 1-38998
- Negmatov, S.S. *see* Kestelmann, W.N. 1-21601
- Neigoita, V. Mathematical models for computer processing of well logs obtained in elastic rocks 1-44306
- Negra, S. Della *see* Della Negra, S.
- Negus, D. *see* Doetschman, D.C. 1-1267
- Negus, P.J. *see* de Billy, L. 1-23512
- Negwer, D. *see* Hubner, K. 1-947
- Neher, E. *see* Sigworth, F.J. 1-8839
- Nehl, T.W., Demerdash, N.A. Application of finite element eddy current analysis to nondestructive detection of flaws in metallic structures 1-12945
- Nehl, T.W. *see* Demerdash, N.A. 1-10886
- Nehru, C.E., Zucker, S.M., Harlow, G.E., Prinz, M. Olivines and olivine coronas in mesosiderites 1-22743
- Nei, H. *see* Kakuta, A. 1-14661
- Neidel, H.-O., Henschel, H. Improved determination of plasma delays of fission fragment and alpha particle pulses in surface barrier detectors 1-23965
- Neidhardt, A. *see* Reinhold, U. 1-30446
- Neidhofer, J. *see* Simard-Normandin, M. 1-36430
- Neidrig, H. *see* Brunner, M. 1-20035
- Neigam, M.G. *see* Magomeda, N.S. 1-7159
- Neiger, M.G. Noise properties and their relationship to moving striations of He-Se⁺ lasers 1-15162
- Neigh, J.R. EIA's fiber optic standardization program 1-51630
- Neighbour, J.R. Convergence of the calculations of elastic constants from wave velocities in cubic crystals 1-38429
- Neikhart, M.Kh. *see* Klotyn'sh, E.E. 1-3014
- Neil, C.H. *see* Nelson, P. 1-10424, 1-23719
- Neil, I.A. Use of chalcogenide glass in thermal infrared telescopes 1-46530
- Neil, V.K. *see* Caporaso, G.J. 1-51017
- Neil, V.K. *see* Prosnitz, D. 1-10969
- Neil, V.K. *see* Szoke, A. 1-10961
- Neiland, O.Ya. *see* Kampar, V.E. 1-17080
- Neill, G.F. *see* Beunen, J.A. 1-50242
- Neilsen, C.J. *see* Wolbach, T. 1-1209
- Neilsen, N. P-scan system for ultrasonic weld inspection 1-39557
- Neilsen, A.J. Missile impact on metal structures 1-840
- Neilson, A.J. *see* Barr, P. 1-839
- Neilson, G.C. *see* Lam, S.T. 1-23699
- Neilson, G.H. *see* Milora, S.L. 1-33346
- Neilson, G.W. *see* Cummings, S. 1-7070
- Neilson, G.W. *see* Newsome, J.R. 1-20042
- Neiman, D.M. *see* Kondratenko, A.V. 1-41397
- Neiman, K.M. *see* Kondratenko, A.V. 1-6276
- Neiman, S.M. *see* Kosarev, A.I. 1-21671
- Nein, M.E., Warner, J.V. A very large space telescope for optical/UV astronomy 1-49513
- Neindre, B. *see* Le Neindre, B.
- Neise, W., Koopmann, G.H. Reduction of centrifugal fan noise by use of resonators 1-29495
- Neistius, D., Verhaegen, G. Bond functions for ab initio calculations on polyatomic molecules. Molecules containing C, N, O and H 1-45807
- Neissel, J.P. *see* Congdon, S.P. 45712
- Neizwander, D.W. Detecting contaminants by ultraviolet spectrography 1-36752
- Neitzel, G.P., Davis, S.H. Centrifugal instabilities during spin down to rest in fluid cylinders. Numerical experiments 1-46725
- Neizvestnyi, S.I., Pustil'nik, S.A., Efremov, V.G. Results of synchronous observations of the peculiar object SS 433 in radio and optical ranges 1-22822
- Nejczehle, K., Boudys, M. The effect of sintering conditions on the temperature dependence of resonance frequency for piezoceramics in the system PbTi_{1-x}Zr_xO₃ with Cr₂O₃ additions 1-31097
- Nejczehle, K. *see* Boudys, M. 1-39039
- Nejib, U.R., Hallez, H.C. Solar water supply and purification system for remote areas and villages 1-17174
- Nekadadom, Sh. *see* Bobrovich, V.P. 1-51237
- Neki, I., Sasajima, H. Vibration analysis of elastic body in water by the combination of finite element method and source-sink method 1-6811

- Nekoya, S. see Hishida, M. 1-742
- Nekrasov, F.M. see Grishanov, N.I. 1-38079
- Nekrasov, V.N., Krasnoperov, A.V., Ivanovskii, L.E. Changes in specific and molar conductivity of AlBr_3 -33.4 mole% KBr melt upon bromine dissolution in the melt 1-52325
- Nekrasov, Yu.V. see Arutyunyan, E.G. 1-32094
- Nekrylova, A.I. see Safonova, E.P. 1-17136
- Nekvasil, V. see Novak, P. 1-34876
- Nekvasil, V. see Veltruský, I. 1-20973
- Nelae, V.V. see Naumov, V.A. 1-18736
- Nelander, B. An infrared spectroscopic study of the formaldehyde complexes of dimethyl ether and methanol in solid nitrogen 1-1229
- Nelander, B. Infrared spectra of formaldehyde complexes with hydrogen bromide, chlorine and iodine chloride 1-24144
- Nelopo, B.A., Vasil'yev, A.S., Korotayev, G.K. Variability of the equatorial subsurface counter-current in the Indian Ocean 1-54129
- Nelkin, M. see Kerr, R.M. 1-6847
- Nelkowski, H. see Austinat, J. 1-52912
- Nellen, B. see Allen, P. 1-14367, 1-36856, 1-36857
- Nellen, B. see Blitschaw, J. 1-10190
- Nellen, B. see Deden, H. 1-28311
- Nellen, B. see Fritze, P. 1-14431
- Nellen, B. see Grassler, H. 1-50414
- Nelles, B., Geyer, E.H. Distortion of grating prisms, and their use in radial velocity determinations of astronomical objects with slitless field spectrographs 1-49519
- Nellessen, W. see Pfeiffer, B. 1-32591
- Nellis, W.J., Mitchell, A.C. Shock compression of liquid argon, nitrogen, and oxygen to 90 GPa (900 kbar) 1-30288
- Nellis, W.J., Mitchell, A.C., Ross, M., van Thiel, M. Shock compression of liquid methane and the principle of corresponding states 1-38426
- Nellis, W.J. see Mitchell, A.C. 1-38572
- Nelmes, R.J. Anisotropy in thermal motion and in secondary extinction 1-2284
- Nelmes, R.J. see Choudhary, R.N.P. 1-47053
- Nelmes, R.J. see Hay, W.J. 1-47057
- Nelmes, R.J. see Kennedy, N.S.J. 1-2403
- Nelsen, S.F. see Schweig, A. 1-51241
- Nelsen, A. see Davis, D.D. 1-26793
- Nelson, A.D. see Daley, C.G. 1-17490
- Nelson, A.D. see Klingler, J.W. 1-13283
- Nelson, A.R. Photoelastic waveguides in LiTaO_3 and LiNbO_3 1-11086
- Nelson, A.R., McMahon, D.H., Gravel, R.L. Passive multiplexing system for fiber-optic sensors 1-6658
- Nelson, B.L. see de Witt-Morette, C. 1-28153
- Nelson, C. see Jonckheere, A. 1-51013
- Nelson, C.A. see Collick, B. 1-45290
- Nelson, C.A., Jr. see Berg, D. 1-28320
- Nelson, C.R., Hites, R.A. Aromatic amines in and near the Buffalo River 1-53713
- Nelson, C.W. X-ray beam pointer 1-36779
- Nelson, D. see Brophy, J.J. 1-5431
- Nelson, D. see Rush, C.M. 1-32579
- Nelson, D.A., Higgins, W.M., Lancaster, R.A. Advances in (Hg-Cd)Te materials technology 1-39228
- Nelson, D.A., Jr. see Hofer, D.C. 1-46543
- Nelson, D.B. Effects of hot electrons on magneto-hydrodynamic modes in ELMO Bumpy Torus 1-6967
- Nelson, D.B. see Cooper, W.A. 1-46883
- Nelson, D.E. see Lobb, D.E. 1-37022
- Nelson, D.R. see Bruhnsma, R. 1-34232
- Nelson, D.R. see Hohenberg, P.C. 1-11933
- Nelson, D.R. see Toner, J. 1-34231
- Nelson, D.R. see Zippelius, A. 1-11848
- Nelson, D.V. An approach to development of structural design criteria for highly irradiated core components 1-39402
- Nelson, D.W. see Shephard, B.K. 1-13193
- Nelson, G. see Yue, H. 1-17052
- Nelson, G.C., Borders, J.A. Surface composition and erosion yields for CVD TiB_2 films subjected to low energy deuterium ion bombardment 1-26334
- Nelson, G.J. see Seaquist, E.R. 1-22819
- Nelson, G.J. see Stewart, R.T. 1-4885
- Nelson, H.F. Radiative scattering cross sections: comparison of experiment and theory 1-41578
- Nelson, H.F. Saturation effects on stagnation radiative heating for the Jupiter probe 1-49469
- Nelson, J. see Battocletti, J.H. 1-43891
- Nelson, J.A. see Sorenson, J.A. 1-43985
- Nelson, J.B. Multivariate technique for multiclass pattern recognition: comment 1-37416
- Nelson, J.E. see Mason, K.O. 1-5001, 1-49726
- Nelson, J.M., Braby, L.A., Roesch, W.C. Rapid repair of ionizing radiation injury in *Chlamydomonas reinhardtii* 1-17460
- Nelson, K., Morgan, R.J. A ROM based EKG monitor 1-13335
- Nelson, K.D. A simple thermal-mechanical model for mid-ocean ridge topographic variation 1-54052
- Nelson, L.A. see Lake, K. 1-138
- Nelson, L.V., Buchwald, M.I., Jones, C.R. Interaction of far-infrared and mid-infrared laser transitions in the NH_3 laser 1-33663
- Nelson, M. see Abrams, G.S. 1-10208
- Nelson, M.E., Keating, E.L., Govan, D.R., Banchak, R.J., Corpus, J.R. Hydrogen production from nuclear fission product waste heat and use in gas turbines 1-8768
- Nelson, M.E. see Abrams, G.S. 1-10242, 1-50450
- Nelson, M.E. see Dorfan, J.M. 1-41020
- Nelson, M.E. see Himel, T.M. 1-18482
- Nelson, M.E. see Scharre, D.L. 1-18485, 1-45292
- Nelson, P. An error estimate for the multigroup method with applications to shielding calculations 1-5822
- Nelson, P., Neil, C.H. Initial-value methods in a simplified subchannel analysis of flow-blockage problems 1-10424
- Nelson, P., Neil, C.H. Initial-value methods for a simplified subchannel model of thermal-hydraulic behavior 1-23719
- Nelson, P. see Witherspoon, P.A. 1-806
- Nelson, P.C. Gravity with propagating pseudoscalar torsion 1-9901
- Nelson, P.C. see Kouzes, R.T. 1-1049
- Nelson, P.P. General input-output relations for the synaptic transmission and the post-synaptic integration 1-48979
- Nelson, P.R., Moerschell, R.P., Harris, D.R. Reconfiguration of the RPI critical facility to lower critical mass 1-28661
- Nelson, R. see Hammond, P.R. 1-19330
- Nelson, R. see Winsch, I.O. 1-23828
- Nelson, R.A. Coordinate-dependent 3+1 formulation of the general relativity equation of motion 1-130
- Nelson, R.C. The influence of a wake splitter plate on the aerodynamic characteristics of a two-dimensional cylinder 1-33962
- Nelson, R.D., Smith, E.C., Jr. Advanced approaches to focal plane integration 1-5384
- Nelson, R.D. see Sackinger, W.M. 1-44347
- Nelson, R.J., Dutta, N.K. Self-sustained pulsations and negative-resistance behavior in InGaAsP ($\lambda=1.3 \mu\text{m}$) double-heterostructure lasers 1-33681
- Nelson, R.J., Wilson, R.B., Wright, P.D., Barnes, P.A., Dutta, N.K. CW electrooptical properties of InGaAsP ($\lambda=1.3 \mu\text{m}$) buried-heterostructure lasers 1-46346
- Nelson, R.J. see Dutta, N.K. 1-41708
- Nelson, R.J. see Wilson, R.B. 1-41707
- Nelson, R.J. see Wright, P.D. 1-11014
- Nelson, R.L. New developments in closed loop combustion control using flue gas analysis 1-31863
- Nelson, R.M. see Nash, D.B. 1-17782
- Nelson, S.O. see Fanslow, G.E. 1-43080
- Nelson, S.P., Weible, M.L. Three-dimensional Shuman filter 1-4584
- Nelson, V. The development of wind energy 1-13076
- Nelson, W.E. see Pickard, P.S. 1-10488
- Nelson, W.R. Solution of the electromagnetic cascade shower problem by analog Monte Carlo methods-EGS 1-18492
- Nelson, W.R. Application of EGS and ETRAN to problems in medical physics and dosimetry 1-18926
- Nelson, W.R. Application of EGS to detector design in high energy physics 1-18976
- Nelson, W.R., Jenkins, T.M. (editor) Computer Techniques in Radiation Transport and Dosimetry. Proceedings of the Second International School of Radiation Damage and Protection 1-17924
- Nelyubin, N.F. see Nelyubina, V.P. 1-54239
- Nelyubina, V.P., Nelyubin, N.F. Calculation of the Earth's and astronomical refraction at large zenith distances 1-54239
- Nemanich, R.J., Biegelsen, D.K., Rosenblum, M.P. Compositional anisotropy and microstructure of a Si:H 1-52070
- Nemanich, R.J. see Tsai, C.C. 1-52441
- Nemat-Nasser, S. see Hayashi, K. 1-19642
- Nemat-Nasser, S. see Sumi, Y. 1-33295
- Nembach, E., Martin, M. Superposition of precipitation and solid solution hardening in (Cu Au)-Co single crystals 1-35268
- Nemchenko, V.F. see Ivashina, Yu.K. 1-16774
- Nemchinov, I.V. see Golub', A.P. 1-53020
- Nemchinov, I.V. see Markelova, L.P. 1-11563
- Nemchinskii, V.A. see Moizhes, B.Ya. 1-25097
- Nemesics, A. The Coloroid color system 1-14164
- Nemec, L. The behaviour of bubbles in glass melts. I. Bubble size controlled by diffusion 1-2666
- Nemec, L. Mathematical modelling of bubbles in molten glass 1-38543
- Nemec, L. Glass clarification 1-43309
- Nemenov, L.L. see Alizade, V.V. 1-45289
- Nemerlin, J. Acoustic absorption of particulate materials. Application to the case of suspended baffles 1-11215
- Nemerlin, J., Orban, J.L. Calculation 'in situ' of the acoustic power of a noise source 1-1763
- Nemes, G. see Bratescu, G.G. 1-33617
- Nemet, B., Szucs, K., Hilbert, M., Kozma, L. Measurement of fluorescence decay of rhodamine 6G solutions by TEA UV N_2 laser excitation 1-6294
- Nemeth, K. see Eppeldauer, G. 1-28053
- Nemeth, K.J. State radiation monitoring for nuclear power plant emergency preparedness 1-28719
- Nemeth, M.P. see Noor, A.K. 1-11328
- Nemethy, P., Willis, S.E., Hughes, V.W., Burman, R.L., Cochran, D.R.F., Frank, J.S., Redwine, R.P., Duclos, J., Kaspar, H., Hargrove, C.K., Moser, U. Limits on neutrino oscillations from muon-decay neutrinos 1-45183
- Nemets, O.F., Ostashko, V.V., Yasnogorodskii, A.M. Investigation of the ^7Be nucleus 11-13 MeV excitation region in the $^3\text{He}(\alpha, p_0)^6\text{Li}$ reaction 1-714
- Nemets, O.F., Yasnogorodskii, A.M. Spin-effects in rearrangement nuclear reactions 1-50575
- Nemets, O.F. see Gass, A.S. 1-690, 1-5763
- Nemets, O.F. see Lebedev, V.N. 1-50481
- Nemilov, S.V. Viscosity and elastic properties of melts and glasses in the As-S system and their valence structure 1-16080
- Nemilov, Yu.A. see Teterin, E.D. 1-18626
- Nemira, M.A., Vilemas, J.V., Simonis, V.M. Heat transfer to turbulent flow of gases with variable physical properties in annuli (correlation of experimental results) 1-29676
- Nemirov, N.V. see Sedov, V.M. 1-28602
- Nemirovskii, M.E. Comparative analysis of light-optics illumination systems for fiber-optics-based apparatus [medical diagnosis application] 1-6627
- Nemirovskii, M.R. Method of radiographic phase analysis of deformed iron alloys with low energy of austenitic stacking faults 1-31781
- Nemirovskii, M.R., Nemirovskii, Yu.R., Rudakov, A.A. Phase and structural changes during deformation-induced $\gamma \rightarrow \alpha$ transformation in the alloy 30Kh12G23 1-31455
- Nemirovskii, V.B. see Grishin, A.M. 1-34013
- Nemirovskii, Yu.R., Teitel, E.I. Method of identifying planes in electron microscopy 1-48605
- Nemirovskii, Yu.R. see Nemirovskii, M.R. 1-31455
- Nemirovskii, Yu.V., Shlemenzon, K.M. Propagation of elastic stress waves in continuously inhomogeneous anisotropic media 1-15439
- Nemirovsky, A.M. see Munczek, H.J. 1-14250
- Nemirovsky, Y., Goshen, R. Plasma anodization of $\text{Hg}_1\text{-Cd}_1\text{Te}$ 1-39498
- Nemkovich, N.A., Rubinov, A.N., Tomin, V.I. Directional energy transfer in solid single-component dye solutions 1-35095
- Nemkovich, N.A. see Tomin, V.I. 1-46334
- Nemonov, S.A. see Trofimova, V.I. 1-43220
- Nemoshkalenko, V.V., Aleshin, V.G. Localization of electron states in transition metals and alloys on their base 1-3565
- Nemoshkalenko, V.V., Aleshin, V.G., Kucherenko, Yu.N., Sheludchenko, L.M., Kharlamov, A.I. Investigation of the electronic structure of titanium and vanadium compounds by the scattered-wave method 1-30630
- Nemoshkalenko, V.V., Antonov, M., Antonov, V.M. Relativistic electron structure of gold 1-38707
- Nemoshkalenko, V.V., Nagorniy, V.Ya., Mamko, B.P., Yatsenko, V.A. X-ray spectra studies for alloys of molybdenum with titanium, vanadium, chromium and cobalt 1-20620
- Nemoshkalenko, V.V., Timoshevskii, A.N., Antonov, V.N. Energy band structure of TiLi compound 1-25622
- Nemoshkalenko, V.V., Timoshevskiy, A.N., Antonov, V.N. Energy band structure of TiTe and TiRu compounds 1-20615
- Nemoshkalenko, V.V., Uvarov, V.N., Litvin, E.G., Nagorniy, V.Ya., Yatsenko, V.A., Barabash, O.M. X-ray spectrum analysis of electronic structure for laminated CoSn , Co_3Sn_2 and CoSn_2 compounds 1-48197
- Nemoshkalenko, V.V., Voskresenskiy, L.S., Didyk, V.V., Krivitskii, V.P., Nikolaev, L.I., Nosachev, Yu.F., Yupko, L.M. The structure of energy spectrum of valence cobalt silicide electrons 1-35122
- Nemoshkalenko, V.V. see Aleshin, V.G. 1-21323
- Nemoshkalenko, V.V. see Dyomin, S.A. 1-52775
- Nemoto, H., Oda, I. Direct examinations of PTC action of single grain boundaries in semiconducting BaTiO_3 ceramics 1-2958
- Nemoto, M., Suto, H., Honda, T., Nakagawa, Y.G., Saiga, Y. Microstructural studies of a Ni-Al-Mo directionally solidified eutectic composite 1-3724
- Nemoto, T. The application of optical fibers in measurement 1-46573
- Nemor, N.A. see Nabutovskii, V.M. 1-2591, 1-34639
- Nemor, S.A. see Veis, A.N. 1-20659
- Nemov, G. see Jarrigen, M. 1-7306
- Nemtshev, V.A. see Lemeshov, V.U. 1-18738
- Nemtsova, N.Ya. see Maiboroda, V.P. 1-35265
- Nemukhin, A.V., Almflo, J., Heiberg, A. Potential curves for BLi and BLi^+ 1-28853

- Nemukhin, A.V., Stepanov, N.F. Diatomics-in-molecules study of alkali hydroxides 1-10646
- Nemukhin, A.V. see Zaitsevskii, A.V. 1-10679
- Nemzer, G.G. see Samoilovich, Yu.A. 1-3800
- Nenakhov, A.V., Fushchich, O.I. Effect of a metallic filler on the friction and wear of polytetrafluoroethylene 1-53301
- Nenakhov, A.V. see Fedorchenko, I.M. 1-35400
- Nenarokov, D.F. see Gel'man, B.G. 1-9399
- Nenashev, B.G. see Ilyasheva, N.A. 1-16678
- Nenasheva, E.A., Rotenber, B.A., Gindin, E.I., Prokhatvilo, V.G. High-frequency capacitor dielectrics based on lanthanum and bivalent metal titanates 1-20413
- Nenchev, M.N., Meyer, Y.H. Two-wavelength dye-laser operation using a reflecting Fizeau interferometer 1-33701
- Nenchev, M.N., Stefanov, V.I., Gizbrekht, A.I., Bokhonor, A.F. Frequency-locking in dye laser near sodium D lines. Time characteristics 1-41684
- Nenchev, M.N. see Meyer, Y.H. 1-15187, 1-51506
- Nenciu, G. On the adiabatic limit for Dirac particles in external fields 1-465
- Nencivemi, L., Farina, A., Martini, B., Nunziante Cesaro, S., Teghli, R., Spoliti, M. Vibrational spectra and internal rotation barriers of cyclopentadienyl germanium trihalides: $(C_5H_5)GeCl_3$, $(C_5H_5)GeBr_3$ and $(C_5H_5)GeI_3$ 1-1228
- Nendez, J., Violan, P. Comparative study of the damage due to fatigue in polycrystalline copper in air or in vacuo 1-26622
- Nenner, I. see Guyon, P.-M. 1-29047
- Nenner, I. see Morin, P. 1-19133
- Nenno, S. see Kingetsu, T. 1-21514, 1-47342
- Nenonen, P. see Kotilainen, H. 1-35337
- Nenonen, P. see Torronen, K. 1-35269
- Neogi, P., Ruckenstein, E. Transport phenomena in solids with bidisperse pores 1-38004
- Neogy, C., Deb, S.K. Heat of formation of solid solution of alkali halides 1-31898
- Neogy, D., Chatterji, A. On the behavior of Ho^{3+} in $LaCl_3$ and the correlation with its absorption spectra 1-31172
- Nepijko, S.A., Pippel, E., Woltersdorf, J. Dependence of lattice parameter on particle size 1-20599
- Nepijko, S.A. see Borziak, P.G. 1-52668
- Neplokh, E.G. see Vil'ner, G.A. 1-44033
- Nepochatov, V.M., Kiseleva, E.V., Bundel, A.A. Calorimetric method of determining the phase composition of aluminium-barium alloys 1-8273
- Nepokoichitskii, A.G., Skiba, P.A. Thermal distortion of patterns drawn on metal oxides by laser radiation 1-3543
- Nepokoichitskii, A.G., Stepanov, D.I., Tukmachev, G.V. Use of superhigh-frequency plasma for preparing oxide films and controlling their electrical conductivity 1-43273
- Nepokoichitskii, A.G. see Skiba, P.A. 1-17103
- Nepokoichitskii, A.G. see Ivanov, L.P. 1-25999
- Nepomnyashchii, O.A. see Raikhel', A.M. 1-21663
- Nepomnyashchii, O.A. see Raikhel', A.M. 1-31561, 1-43507
- Nepomnyashchikh, A.I., Radzhabov, E.A. X_3^- centers in LiF crystals 1-12532
- Nepomnyashchikh, A.I., Radzhabov, E.A. Mechanism of crystal-excitation transfer to activator centers in LiF-TiO₂ 1-35089
- Nepomnyashchikh, A.I. see Radzhabov, E.A. 1-48153
- Neporent, B.S. Picosecond molecular spectroscopy 1-1410
- Neporent, B.S., Spiro, A.G., Shilov, V.B., Fainberg, B.D. On the shape of the stimulated secondary radiation spectra of dye solutions 1-48118
- Neporent, B.S. see Borisevich, N.A. 1-51216
- Neporent, B.S. see Fainberg, B.D. 1-33452
- Neporent, B.S. see Nesterova, Z.V. 1-51560
- Nepiras, E.A. Acoustic cavitation thresholds and cyclic processes 1-37672
- Ner, M.S. see Hall, T.J. 1-11109
- Nerem, R.M., Cornhill, J.F. The role of fluid mechanics in atherogenesis 1-22043
- Nerenberg, M.A.H., Blackburn, J.A. Mutual voltage locking in linear arrays of Josephson weak links 1-42920
- Nerenberg, M.A.H., Haridasan, T.M., Govindarajan, J., Jacobs, P.W.M. Resonant modes due to anion interstitials and anion vacancies in fluorites 1-20341
- Nereson, N., Flicker, H., Reisfeld, M.J. Q-branch spectra of the $(01\ 0\ 00^0)$ transition in ^{13}C -substituted carbon dioxide 1-1219
- Nereson, N.G. see McDowell, R.S. 1-24141
- Nereson, N.G. see Patterson, C.W. 1-19325
- Neretnieks, L. Diffusion in the rock matrix: an important factor in radionuclide retardation? 1-13459
- Neri, C. see Lattanzi, D. 1-28732
- Neri, F. see Cosenza, G. 1-28174
- Nerkararayan, Kh.V. see Arutyunyan, G.M. 1-39057
- Nerney, S. Stellar winds, fast rotators, and magnetic acceleration 1-49603
- Nernst, R. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Neronov, V.A. see Gorshkov, B.N. 1-53358
- Nersesov, I.L., Shatsilov, V.I., Nurmagambetov, A., Sydkov, A. Study of the damping of earthquake intensity with distance in connection with the problem of seismic microzoning 1-22247
- Nersesov, I.L. see Sadovskiy, M.A. 1-13401
- Nersesyan, M.D. see Agababyan, E.V. 1-13007
- Nerubai, M.S., Shtrikov, B.L. Machine for abrasive wear testing in ultrasonic field 1-48611
- Nerukh, A.G., Khizhnyak, N.A. Reflection of radio waves from a moving plasma cluster in a waveguide 1-38112
- Nerukh, A.G., Safronov, G.S. Synthesis of planar holograms from signals recorded on a curvilinear surface 1-33637
- Nervi, C. see Arcangeli, G. 1-17459
- Nervosi, R. see Mainardi, F. 1-24736
- Nerz, K.P. see Kasser, J. 1-53393
- Nesbitt, L.A., Laughlin, D.E. Solid state morphological instability of Ni_2Mo precipitates 1-35258
- Nesbitt, D.J., Leone, S.R. $Br^{+}(^2P_{1/2}) + H_2(v=0,1)$: laser studies of the competition between reactive pathways and inelastic energy transfer channels 1-33538
- Nesbitt, R.S. see Gelbwachs, J.A. 1-29100
- Nesbitt, W. see Quon, D.H.H. 1-31392
- Nesci, P. see Amos, K. 1-41105
- Nesgorov, V.V. see Parshikov, V.G. 1-53143
- Neshchimenko, Yu.P. see Velikanov, A.G. 1-1589
- Neshchimenko, Yu.P. see Bashkin, A.S. 1-33673, 1-33674
- Neshchimenko, Yu.P. see Velikanov, A.G. 1-46289
- Neshpor, V.S. see Fridlender, B.A. 1-16272
- Neshpor, V.S. see Kosterlov, N.V. 1-35140
- Neshpor, Yu.I. see Stepanyan, A.A. 1-22928
- Neshpor, Yu.I. see Vladimirov, B.M. 1-17908
- Neshyba, S., Fonseca, T.R. Evidence for counterflow to the west wind drift off South America 1-13470
- Nesis, A. see Kneer, F.J. 1-22758
- Nesis, E.I., Kul'gina, L.M. Resonant dependence of the heat-transfer coefficient on the frequency of forced oscillations of a filament heater 1-15365
- Nesis, S.E., Kul'gin, A.A. Experimental study of thermomechanical oscillations of a cylindrical heater in an air medium with free convection 1-11345
- Neskakis, A. see Morek, T. 1-28374
- Neske, E., Noack, W., Schweizer, W., Lotze, W. Detection of material fatigue by localized exoelectron emission 1-31822
- Neskovic, N., Ciric, D., Kuvakin, M.V. Small angle ion-surface dipole scattering 1-53038
- Nesmelov, E.A. see Panasenok, B.V. 1-3523
- Nesmelov, N.S. Mechanism of α emission in electroluminescence of alkali halide crystals 1-21278
- Nesper, R. see von Schnering, H.-G. 1-38345
- Nespoli, G. Relativistic equilibrium 1-5100
- Nesrulliaev, A.N., Rabinovich, A.Z., Sonin, A.S. Nature of the smectic A-nematic phase transition in binary mixtures of 4-n-octyl-4'-cyanodiphenyl and 4-n-decyl-4'-cyanodiphenyl 1-2606
- Ness, N.F. see Acuna, M.H. 1-40386
- Ness, N.F. see Lanzerotti, L.J. 1-17784
- Nester, J. see Isenberg, J. 1-18092
- Nesterenko, A.I. see Shatinskii, V.F. 1-53354
- Nesterenko, A.M., Maslov, V.G. Program realizing the INDO method in a basis of up to 232 orbitals with the inclusion of d orbitals 1-6168
- Nesterenko, A.M. see Taran, Yu.N. 1-8299
- Nesterenko, N.M., Fomin, V.I., Popkov, Yu.A., Gurskaya, A.A. Soft modes in $K_{1-x}Rb_xSc(MoO_4)_3$ mixed crystals [Raman spectra study] 1-26202
- Nesterenko, N.M. see Otko, A.I. 1-7319
- Nesterenko, T.M. see Gerasimova, I.A. 1-46392
- Nesterenko, V.B., Bubnov, V.P., Kuleshov, G.G. Thermophysical properties of a dissociating coolant with a nitrogen tetroxide base for atomic power stations 1-50710
- Nesterenko, V.B. see Andrizhievskii, A.A. 1-18740, 1-51697
- Nesterenko, V.B. see Lemeshev, V.U. 1-18738
- Nesterenko, V.O., Solov'ev, V.G., Khalkin, A.V. Study of correlations in the ground states of deformed nuclei 1-18546
- Nesterenko, V.V. see Barbashov, B.M. 1-10062, 1-40922
- Nesterikhin, Yu.E. see Krugljak, Z.B. 1-42025
- Nesterov, B.A. see Kutryeva, V.V. 1-16694
- Nesterov, N.S. see Domin, S.L. 1-17809
- Nesterov, N.S. see Efanov, V.A. 1-27627
- Nesterov, V.A. see Tarkhanov, O.V. 1-50111
- Nesterov, V.I. see Aleksandrova, Z.A. 1-23942
- Nesterov, V.I. see Delyagin, N.N. 1-7989
- Nesterova, E.V., Rybin, V.V., Ushkov, S.S., Kolodkina, G.I. Investigation of the nature of temper brittleness of dilute alloys of α -titanium 1-39416
- Nesterova, S.N., Rudev, Yu.P. Tunneling recombination of V_K-Ti^{3+} centres in KCl:Ti 1-47082
- Nesterova, Z.V., Aleksandrov, I.V., Mel'nik, I.V., Neporent, B.S., Sattarov, D.K., Safulina, S.S. Optical-fiber parametric Raman frequency converter 1-51560
- Nesterova, Z.V. see Kuznetsov, V.A. 1-29383
- Nesteruk, I.G. On the shape of a slender axisymmetric cavity in a ponderable liquid 1-19764
- Nesteruk, V.F., Sokolova, V.A. Questions in subjective image perception theory and the quantitative evaluation of their contrast 1-39922
- Nesteruk, V.F. see Miroshnikov, M.M. 1-8958
- Nestiann, T. see Motiu, A. 1-44516
- Nestmann, A. see Heidberg, J. 1-20574
- Nestor, J.R. Stimulated Raman gain spectroscopy utilizing counter-propagating pulsed dye lasers 1-40861
- Nestrick, T.J., Stehl, R.H., Driscoll, J.N., Jaramillo, L.F., Atwood, E.S. Chemically bonded supports for GC expand capability 1-39701
- Nestrick, T.J. see Bumb, R.R. 1-53426
- Nesvyrina, E.E. see Lobanov, A.A. 1-42404
- Nesvizhskii, M.B. see Dodin, A.L. 1-24347
- Neto, A.F.M. see Barreto, J.M. 1-36996
- Neto, J.B. De M. Ayres see Ayres Neto, J.B. De M. Neto, J.D.T. Arruda see Arruda Neto, J.D.T. Neto, V.F. de Assis see de Assis Neto, V.F. Neton, J.W. see Fissenne, I.M. 1-4370
- Netrebko, V.P., Kapshinova, S.S. Analysis of bending of orthotropic composites by polarisation-optic method 1-11316
- Nettsand, D. see Komarov, V.I. 1-36939
- Netsvetov, V.I. see Khodosov, E. 1-25998
- Netsvetov, V.I. see Khodosov, E.F. 1-38955
- Nette, P.H., Drexler, G., Pychlau, P. Maintenance of the calibration factor for secondary standard dosimeters for X-rays and gamma-rays up to 2 MeV 1-41271
- Netter, P. see Gemmeke, H. 1-18668
- Netterfield, R.P., Sainy, W.G., Schaeffer, R.C. Coating Fabry-Perot interferometer plates with broadband multilayer dielectric mirrors 1-6634
- Nettle, J.R.L., Ritchings, R.T. An evaluation of four rare-earth film-screen combinations 1-53857
- Nettles, W.G., Ramayya, A.V., Hamilton, J.H., Avignone, F.T., III, Carter, H.K. Subnanosecond lifetime measurements of excited states in nuclei far from stability 1-10354
- Nettleton, D.H., Preston, R.C. Monochromator response calibration in the region 115 to 340 nm using a deuterium lamp as a radiance transfer standard 1-15254
- Netto, E.R. see Debehogne, H. 1-9406
- Netz, G., Thiel, T.A., Gerdaud, E. The magnetic dipole moment of the 91 keV state of ^{107}Pm 1-14458
- Netzer, F.P., Wille, R.A., Grunze, M. Ultraviolet photoemission of bromine adsorbed on Au(100) 1-12639
- Netzer, F.P., Wille, R.A., Grunze, M. Ultra-violet photoemission of erbium exposed to oxygen, water and hydrogen 1-39221
- Netzer, F.P. see Bertel, E. 1-7468, 1-48204
- Netzer, H. see Wills, B.J. 1-44665
- Neubauer, A., Brodmann, H., Vajo, P., Kotras, P. Investigation of profile deviations of cut surfaces produced by high-speed cutting 1-35498
- Neuberger, H. Non-perturbative contributions in models with a non-analytic behavior at infinite N 1-45118
- Neuberger, H. see Bardakci, K. 1-28178
- Neubert, G., Rogaschewski, S., Scholz, H. Electron backscattering coefficient measurements of 15 to 60 keV electrons for solids 1-16634
- Neubert, R. see Fischer, H. 1-40216
- Neubert, W. see Kotov, A.A. 1-23959
- Neubert, W. see Walzog, D. 1-998
- Neuburg, E.P. see Cohen, J.R. 1-29478
- Neudachin, I.G. see Barashkin, S.T. 1-15033
- Neudel, M. see Hoffmann, H. 1-51336
- Neudorf, D.A., Elliott, J.F. Thermodynamic properties of Na_2O-SiO_2-CaO melts at 1000 to 1100°C 1-47258
- Neuer, G. see Brandt, R. 1-2939
- Neuert, H. see Bernicke, W. 1-31834, 1-53420
- Neufeld, C.R., Lachambre, J.L. Plasma expansion produced by a long-pulse CO₂ laser 1-19920
- Neufeld, P. see Jelinek, J. 1-16941
- Neuffer, D. Stability of a self-consistent longitudinal phase-space distribution under space charge perturbations 1-10573
- Neugebauer, G. see Gehr, R.D. 1-9499
- Neugebauer, G. see Kondo, Y. 1-54609
- Neugebauer, G. see Soifer, B.T. 1-54651
- Neugebauer, G. see Werner, M.W. 1-44653
- Neugroschel, A. Determination of lifetimes and recombination currents in p-n junction solar cells, diodes, and transistors 1-32016
- Neugroschel, A. see Fossum, J.G. 1-13128
- Neuhäuser, H., Fibiger, H., Himstedt, N. Solid solution and strain hardening of concentrated Cu-Ni alloys 1-35267
- Neuhäuser, H. see Flor, H. 1-20234
- Neuhäuser, H. see Woldt, E. 1-35296
- Neuhäuser, J. see Fahrba, H.U. 1-51937
- Neuhäuser, W., Hohenstatt, M., Toschek, P.E., Dehmelt, H. Localized visible Ba^{+} mono-ion oscillator 1-222
- Neuhäuser, W. see Toschek, P.E. 1-10024

- Neuhöfer, G. see Fidecaro, G. 1-591
- Neuhöfer, V. see Zimmer, H.-G. 1-33034
- Neukomm, P.A. The effect of the human body on the radiation pattern of small local antennas. II. The polarisation effect 1-13284
- Neukomm, P.A. Interaction between the human body and the electromagnetic field in the 10-1000 MHz frequency range 1-13288
- Neuman, J. see Cermak, M. 1-12928
- Neuman, M.R., O'Connor, E. A two-channel radiotelemetry system for clinical fetal monitoring 1-22103
- Neuman, R. see Schnatz, P.T. 1-32324
- Neuman, V., Parriaux, O., Pitt, C.W., Stride, A.A., Walpita, L.M. Ion-exchanged optical waveguides 1-41898
- Neuman, V., Pitt, C.W., Walpita, L.M. Guided-wave holographic grating beam expander-fabrication and performance 1-41633
- Neumann, A., Matthes, K.-J., Smarzynski, S. A contribution to research into the phenomena occurring in welding arcs 1-7025
- Neumann, B. see Berger, C. 1-5636, 1-10209
- Neumann, B. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Neumann, E., Wustenberg, H. Modern ultrasonic test methods in nuclear reactor technology 1-50778
- Neumann, E. see Prinz, N. 1-8514
- Neumann, G. see Vogt, H. 1-39079
- Neumann, G.M., Cullis, P.G., Derrick, P.J. Mass spectrometry of polymers: polypropylene glycol 1-8643
- Neumann, H. Trends in the thermal expansion coefficients of the $A^{II}B^{IV}C_2$ and $A^{II}B^{IV}C_2$ chalcopyrite compounds 1-25470
- Neumann, H., Müller, A., Gottschalk, V. Doping behaviour of Te in $Ga_{1-x}In_xAs$ liquid phase epitaxial layers 1-20884
- Neumann, H., Nowak, E., Schumann, B., Kuhn, G. Structural and electrical properties of $CuInSe_2$ epitaxial layers prepared by single-source evaporation 1-38690
- Neumann, H. see Hobler, H.-J. 1-48247
- Neumann, H. see Horig, W. 1-12526
- Neumann, H. see Loschke, K. 1-8031
- Neumann, H. see Penndorf, J. 1-21370
- Neumann, H. see Schumann, B. 1-34597
- Neumann, H. see Thielemann, W. 1-20802
- Neumann, H. see Tsipivka, Yu.I. 1-12053
- Neumann, H. see Van Zyl, B. 1-37146
- Neumann, L. see Napravnik, J. 1-5896
- Neumann, P.E.L. see Harness, J.B. 1-50138, 1-50140
- Neumann, P.H. see Malik, A.B. 1-49028
- Neumann, R. see Dagenais, M. 1-43170
- Neumann, R.D., Sostman, H.D., Gottschalk, A. Current status of ventilation-perfusion imaging 1-9011
- Neumann, R.J., Hahne, E.W.P. Free convective heat transfer to supercritical carbon dioxide 1-29684
- Neumann, V. see Prinz, N. 1-8514
- Neumann, W. see Bubeck, C. 1-8568
- Neumann, W. see Hillebrand, R. 1-19257
- Neumann, W. see Zobel, V. 1-10293
- Neumcke, B., Schwarz, W., Stampfli, R. Increased charge displacement in the membrane of myelinated nerve at reduced extracellular pH 1-8833
- Neumecheva, S.N., Popil'skii, R.Ya., Sakharov, V.V. Synthesis of Na- β -alumina from mixed hydroxides 1-12696
- Neumeier, L.A., Betts, B.A., Crosby, R.L. Experiments in hot-rolling and forging of ductile cast iron 1-48403
- Neumeister, H. see Struck, B.D. 1-39840
- Neurgaonkar, R.R., Kalisher, M.H., Lim, T.C., Staples, E.J., Keester, K.L. Czochralski single crystal growth of $Sr_{0.6}Ba_{0.39}Nb_2O_6$ for surface acoustic wave applications 1-26379
- Neurohr, K.J., Lacelle, N., Mantsch, H.H., Smith, I.C.P. Molecular dynamics of sugars bound to wheat germ agglutinin, as studied by deuterium nuclear magnetic resonance 1-26874
- Neurohr, K.J., Mantsch, H.H. A proton NMR study of the intermolecular association of naturally occurring nucleotides in aqueous solution 1-21705
- Neuschäfer, D., Ottinger, C., Zimmermann, S. Luminescent charge transfer reactions in the $N^+ + CO$ system 1-53406
- Neustroev, L.N., Osipov, V.V. Fluctuations of the longitudinal admittance of one-dimensionally inhomogeneous semiconductors with interband recombination mechanisms 1-20745
- Neustroev, L.N., Osipov, V.V. Theory of the photoelectric properties of structures with a one-dimensionally nonuniform impurity distribution 1-30783
- Neustroev, L.N., Osipov, V.V., Kholodnov, V.A. Photoconductivity of semiconductors with layer inhomogeneity 1-20808
- Neustruer, V.B. see Belov, A.V. 1-6674
- Neustruer, V.B. see Devyatikh, G.G. 1-33782
- Neustruer, V.B. see Gur'yanov, A.N. 1-51629
- Newirth, W. see Kreutz, R. 1-24222, 1-25342
- Neuymn, G.G., Urdenko, V.A. Possible effect of 'salt fingers' on measurements of the transparency of ocean waters 1-54135
- Neuzil, L., Hrdina, M. Moving fluidized bed. VI. Calculation of parameters for a moving uniform fluidized bed comprising narrow grain size fractions of granular materials 1-38010
- Nevalinna, H. Interpreting regional geomagnetic anomalies and their secular variation with the aid of radial dipoles and current loops 1-53981
- Nevdacha, V.V. see Butylenko, A.K. 1-2665, 1-3177
- Neve de Mevergnies, M., del Marmol, P. Isotopically selective, infrared multiphoton dissociation of CF_3Br 1-6328
- Nevejs, D. see Arij, E. 1-32504
- Neven, L. see Burger, M. 1-13775
- Nevenov, V.I., Pimenov, V.N. Phase growth kinetics in the Fe-Al system 1-16043
- Nevers, N. de see Nevers, N.
- Neveu, A. see Gervais, J.-L. 1-28194
- Neville, G.A. see Avdovich, H.W. 1-20176
- Neviniyi, N.N. see Gorelinskii, Yu.V. 1-11743
- Nevins, W.M., Liu Chen Fluctuations and transport in an inhomogeneous plasma 1-11546
- Nevins, W.M., Matsuda, Y., Gerver, M.J. Plasma simulations using inversion symmetry as a boundary condition 1-51981
- Nevoln, V.G. Excitation of waves on the surface of helium II 1-2727
- Nevoln, V.N. see Alt'udov, Yu.K. 1-23369
- Nevriva, M., Pollert, E., Fischer, K. Phase diagram of the binary system $PbO-Gd_2O_3$ 1-3709
- Nevriva, M. see Pollert, E. 1-21433
- Nevrovskiy, V.A., Rakhovskiy, V.I., Zhurbenko, V.G., Zernaev, V.A. Gas desorption from electrodes and electrical breakdown in vacuum 1-43702
- Nevskii, A.S., Mel'man, M.M. Peculiarities in the one-dimensional model of radiant heat exchange 1-11292
- Nevskii, L.B., Frolova, A.D., Yakovlev, V.A. Visualization of gas flows through use of IT-144 interferometer 1-38033
- Nevskii, O.B., Minazhdinov, M.S., Mikhaelyan, V.M., Kravchenko, O.I., Chofu, Yu.D. Photoluminescence of heat-treated $GaP:N,Zn$ and $GaP:B,Zn-O$ epitaxial films at 77K 1-3489
- Nevskii, O.B. see Barinova, E.Yu. 1-3496
- Nevskii, O.I. see Rumyantsev, E.M. 1-43587
- Nevsky, O.B., Noghinov, A.L., Kuznetsov, Ju.N. $Al_3Ga_{1-x}As$ LPE growth 1-21373
- Nevyzhskaya, I.A. see Yakovlev, S.A. 1-29416
- New, G.H.C. Mode-locked laser systems. Theoretical models 1-19370
- New, G.H.C. see Elgin, J.N. 1-29239
- New, R., Griffith, J.A.R., Isaak, G.R., Ralls, M.P. J dependence of the field and mass isotope shifts in the ground term of Sm I 1-45880
- Newberger, B.S. see Faehl, R.J. 1-29867
- Newbold, M.A., Salamo, G.J. Power spectrum of light scattered by a two-level atom in the presence of a pulse-train driving field 1-14838
- Newburgh, R.G. The de Broglie relations viewed as Lorentz invariants 1-5097
- Newburgh, R.G. Generalization of the de Broglie relations for propagation in anisotropic media 1-41565
- Newbury, D.E. Methods for quantitative analysis in secondary ion mass spectrometry 1-378
- Newbury, D.E. Secondary ion mass spectrometry for the analysis of single particles 1-4144
- Newbury, D.E. Instrumental effects on quantitative analysis by secondary ion mass spectrometry 1-31948
- Newbury, D.E., Myklebust, R.L., Heinrich, K.F.J., Small, J.A. Monte Carlo electron trajectory simulation—an aid for particle analysis 1-4143
- Newbury, D.E. see Small, J.A. 1-4142
- Newby, C.W. see Bransden, B.H. 1-10836
- Newby, K. see Bellows, R.J. 1-53593
- Newcomb, R.W. see Kohli, C.K. 1-43861
- Newcomb, W.A. Local instability near the vortex point of a field-reversed mirror 1-19939
- Newell, A.C. The inverse scattering transform 1-36509
- Newell, E.B. see Couch, W.J. 1-27397
- Newell, Ty. see Boehm, R.F. 1-53674
- Newell, W.R., Khakoo, M.A., Smith, A.C.H. Electron impact spectroscopy of O_2 for energy losses in the range 6.5 to 10.5 eV 1-24271
- Newell, W.R. see Khakoo, M.A. 1-15013
- Newhall, D.H., Zilberstein, V.A., Ogawa, I. Effect of the fluid viscosity, RPM and piston configuration on performance of controlled-clearance deadweight testers 1-32996
- Newhouse, V.L., Ho, C.T., Pairitz, J.F. Voice operated transducer for the disabled 1-13347
- Newhouse, V.L., LeGong, P., Furgason, E.S., Ho, C.T. On increasing the range of pulsed Doppler systems for blood flow measurement 1-8936
- Newkirk, L.R. see Maley, M.P. 1-52678
- Newland, D.B. see Irving, A.C. 1-10216
- Newman, B.A., Chen, P., Pac, K.D., Scheinbeim, J.I. Piezoelectricity in nylon 11 1-12456
- Newman, B.A. see Questad, D.L. 1-11692
- Newman, B.A. see Scheinbeim, J.I. 1-11693, 1-12467, 1-52898
- Newman, B.G., Tse, M.-C. Flow past a thin, inflated lenticular aerofoil 1-11419
- Newman, C. see Angelis, A.L.S. 1-10286
- Newman, C.B. see Angelis, A.L.S. 1-18520, 1-28355
- Newman, C.M. Critical point dominance in one dimension 1-50305
- Newman, C.M., Schulman, L.S. Complex free energies and metastable lifetimes 1-9959
- Newman, E.T. Self-dual gauge fields 1-23440
- Newman, E.T., Tod, K.P. Asymptotically flat space-times 1-18099
- Newman, G.H., Francis, R.W., Gaines, L.H., Rao, B.M.L. Hazard investigations of $LiClO_4$ /dioxolane electrolyte 1-17069
- Newman, G.H., Klemann, L.P. Ambient temperature cycling of an Na-TiS₂ cell 1-21868
- Newman, G.H. see Klemann, L.P. 1-48814
- Newman, H. see Anreasyan, D. 1-10287
- Newman, H. see Barber, D. 1-14407
- Newman, H. see Barber, D.P. 1-534, 1-28309
- Newman, J.C., Jr. Fracture analysis of ductile materials 1-47166
- Newman, K.E. see Southwood-Jones, R.V. 1-33483
- Newman, M.J. The evolution of the solar 'constant' 1-9462
- Newman, M.J., Cox, A.N. Collisions of asteroids on neutron stars as a cause of cosmic gamma-ray bursts 1-44586
- Newman, M.J., Cox, A.N. One dimensional hydrodynamics of asteroid-neutron star collisions 1-44587
- Newman, O.M.G. see Matthew, I.G. 1-4101
- Newman, P.R. see Ewbank, M.D. 1-15238
- Newman, R.C., Burstein, G.D. Anion effects in the stress-corrosion cracking of copper and brass 1-35417
- Newman, R.C. see Brozel, M.R. 1-3381
- Newman, R.C. see Goswami, N.K. 1-38978
- Newman, R.C. see Whitehouse, J.E. 1-43000
- Newmann, H. Influence of screening on deformation potential and piezoelectric scattering in doped semiconductors 1-34709
- Newmann, L.V., Williams, J.G. A comparative study of the tensile and Charpy impact tests from a fracture mechanics viewpoint 1-43503
- Newmann, P. An improved computer/thermograph interface 1-8957
- Newmyer, J.M. see Stretz, L.A. 1-23825
- Newman, B.E., Nowak, A.V., Gill, D.H. Short-pulse CO_2 -laser damage studies of NaCl and KCl windows 1-29314
- Newnham, R.E. see Amin, A. 1-7122, 1-38355
- Newnham, R.E. see Uchino, K. 1-16526
- Newns, D.M., Hewson, A.C. A local Fermi liquid theory of intermediate valence systems 1-7563
- Newns, D.M. see Muscat, J.P. 1-12178
- Newns, G.R. see Beales, K.J. 1-51612
- Newport, J.W. see Kowalczykowski, S.C. 1-8799
- Newport, R.J., Gurman, S.J., Howe, R.A. The resistivity and thermoelectric power of liquid antimony 1-20696
- Newsam, G. see Barakat, R. 1-15082
- Newsam, J.M., Cheetham, A.K., Toffel, B.C. Structural studies of the high-temperature modifications of sodium and silver orthophosphates, $II-Na_3PO_4$ and $II-Ag_3PO_4$, and of the low-temperature form $I-Ag_3PO_4$ 1-34334
- Newsam, J.M., Cheetham, A.K., Toffel, B.C. The solid solutions $Na_{3(1-x)}Al_xO_{12}PO_4$: room temperature powder neutron diffraction studies of the two compositions $x=0.025$ and $x=0.2$ 1-34335
- Newsam, J.M. see Bellamy, B.A. 1-17322
- Newsom, G.H., Jenkner, H., Wagner, R.M. Spectral scans of SS433 1-9515
- Newsom, G.H. see Collins, G.W. 1-22824
- Newsome, J.R., Neilson, G.W., Enderby, J.E. Lithium ions in aqueous solution 1-20042
- Newsome, J.R. see Cummings, S. 1-7070
- Newsom, M. The erosion of drainage ditches and its effect on bed-load yields in mid-Wales: reconnaissance case studies 1-13494
- Newstein, M.C. see Mattar, F.P. 1-15213
- Newsum, D.A. see Henderson-Sellers, B. 1-8646
- Newton, A.A. see Bodin, H.A.B. 1-11588
- Newton, C.L. see Chen-Hwa Chiu 1-14124
- Newton, C.S., Hay, H.J. A two-accelerator facility and its use for radiation damage studies in alkali halides 1-42344
- Newton, D. see Adamovich, M.I. 1-45317
- Newton, D. see Aston, D. 1-14399, 1-45297, 1-50442
- Newton, D. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Newton, D. see Fiorino, A. 1-50583
- Newton, D. see John, P. 1-39127
- Newton, D. see Tait, N.R.S. 1-21817
- Newton, D.A. see Bhownik, R.K. 1-50647
- Newton, F.A. see Ford, M. 1-4253
- Newton, G.W.A. see Chandratillake, M.R. 1-31175
- Newton, J.H., Schindler, G.M. Numerical model of multiple-Raman-shifting excimer lasers to the blue-green in H₂ 1-51546
- Newton, J.O. see Sie, S.H. 1-41073, 1-41074
- Newton, K.R. see Licht, D.A. 1-10788

- Newton, L.M., Manchester, R.N., Cooke, D.J. Pulsar parameters from timing observations 1-54538
- Newton, M.D., Gibbs, G.V. Ab initio calculated geometries and charge distributions for H_2SiO_4 and $\text{H}_2\text{Si}_2\text{O}_7$ compared with experimental values for silicates and siloxanes 1-41316
- Newton, M.D. see Basch, H. 1-24305
- Newton, M.D. see Noell, J.O. 1-1095
- Newton, M.D. see Tse, Y.-C. 1-6155
- Newton, R.C., Smith, J.V., Windley, B.F. Carbonic metamorphism, granulites and crustal growth 1-17568
- Newton, R.C., Wood, B.J. Volume behavior of silicate solid solutions 1-16042
- Newton, R.C. see Haselton, H.T. 1-44168
- Newton, R.G. Probability interpretation of quantum mechanics 1-27698
- Newton, R.G. Inversion of reflection data for layered media: a review of exact methods 1-54008
- Newton, R.W., Rouse, J.W., Jr. Microwave radiometer measurements of soil moisture content 1-4548
- Newton, R.W. see Wang, J.R. 1-9152
- Newton, S.A. see Cutler, C.C. 1-11110
- Newton, T.W. see Streit, G.E. 1-1356
- Nex, C.M.M. The use of Chebyshev series in computational physics 1-13996
- Nex, C.M.M. Computational methods for sparse matrices 1-13997
- Ney, E., Cavagna, M., Bortle, J. Comet Bradfield (1980t) 1-32662
- Ney, E. see Mattei, J. 1-27526
- Ney, E.P., Hatfield, B.F. Are novae shells optically thick in the infrared? 1-9517
- Ney, E.P. see Gehrz, R.D. 1-9499
- Ney, J. see Uecker, H. 1-26338
- Neyer, A., Voges, E. Nonlinear electro-optic oscillator using an integrated interferometer [for communication systems] 1-11176
- Neymotin, L. TRAC-PIA predictions of the Battelle-Frankfurt top blowdown test 1-50820
- Neynaber, R.H., Tang, S.Y. Charge transfer of HCl^+ in Xe 1-46114
- Nezbeda, I. see Labik, S. 1-30018
- Nezbedova, E., Turcic, B. Assessment of the criteria for brittle fracture of plastics 1-35358
- Nezel, V.A. see Snell, A.H. 1-22987
- Nezhevenko, E.S. see Potaturnik, O.I. 1-6496
- Nezrick, F.A. see Ammosov, V.V. 1-40980
- Nezrick, F.A. see Berge, J.P. 1-540
- Nezrick, F.A. see Efrimenko, V.I. 1-33173
- Nezu, I. see Nakagawa, H. 1-51872
- Ng, A., Offenberger, A.A., Karttunen, S.J. Reduced Brillouin backscatter in CO_2 laser-target interaction 1-46891
- Ng, A. see Offenberger, A.A. 1-19923
- Ng, B.S., Reid, W.H. On the numerical solution of the Orr-Sommerfeld problem: asymptotic initial conditions for shooting methods 1-37871
- Ng, B.W. see Ito, Y. 1-51320
- Ng, B.W. see Jean, Y.C. 1-15038
- Ng, C.Y. see Ono, Y. 1-10789, 1-37274, 1-41441, 1-45873
- Ng, D.H.Y., Lee, L.H.N. On verification of a theory in dislocation plasticity 1-52219
- Ng, H.S. see Logan, S.E. 1-856
- Ng, J.N. On the connection between neutrino oscillations and pion decay 1-36859
- Ng, K.C. see Simpson, H.C. 1-28557
- Ng, K.S. see Cho, Y.I. 1-29736
- Ng, K.Y.K. Solution of Navier-Stokes equations by goal programming 1-51731
- Ng, L.K. see Tan, L.C. 1-27351
- Ng, M.B. see Leung, W.P. 1-13975
- Ng, S.C. see Teh, H.C. 1-31916
- Ng, T.S., Angerer, G. Estimation of the shear deformation exerted by a roll-mill upon a rubber compound 1-43450
- Ng, W.W., Dapkus, P.D. Growth and characterization of $1.3 \mu\text{m}$ CW GaInAsP/InP lasers by liquid-phase epitaxy 1-46344
- Ng, Y.S. see Tsong, T.T. 1-42611
- Ng Lay-Keow see Lay-Keow Ng
- Ng Soon see Soon Ng
- Ngai, K.L. Unified theory of $1/f$ noise and dielectric response in condensed matter 1-3030
- Ngai, K.L. see Ting, C.S. 1-12227, 1-20905
- Ngai, K.L. see White, C.T. 1-7694
- Ngan, K.M. see Chow, C.L. 1-21675
- Ngee-Pong Chang, Das, A., Perez-Mercader, J. New renormalization program for broken gauge theories 1-5498
- Ngee-Pong Chang, Das, A., Perez-Mercader, J. Asymptotically free, one-coupling-constant, one-mass-scale $\text{SU}(5)$ model 1-5556
- Ngee-Pong Chang, Das, A., Perez-Mercader, J. Asymptotically free $\text{SU}(5)$ model with three generations 1-10129
- Ngee-Pong Chang, Das, A., Perez-Mercader, J. Proton decay 1-45181
- Ngee-Pong Chang see Lay-Nam Chang 1-14297
- Nghiep, D.M., Quyen, N.H., Paufler, P., Bert-ran, M., Kleinstuck, K., Kramer, U., San Martin, A. Influence of chemical composition on dislocation structure and its change by plastic deformation of V_5Si single crystals 1-20232
- Nghiep, D.M. see San Martin, A. 1-16912
- Ngia Do Ty Liem see Nguyen Thi Hong 1-5637
- Ngo, C. see Borderie, B. 1-23703
- Ngo, C. see Gregoire, C. 1-41132, 1-45547
- Ngo, C. see Hanappe, F. 1-50692
- Ngo, C. see Ngo, H. 1-5816
- Ngo, H., Ngo, C. Calculation of the real part of the interaction potential between two heavy ions in the sudden approximation 1-5816
- Ngo, H. see Gregoire, C. 1-45547
- Ngo Zui Kan The motion of an ideal liquid subjected to surface tension forces, and filling a vessel with a plane elastic base 1-15387
- Ngo Zui Kan see Kopachevskii, N.D. 1-24782
- Ngoc, H. Nguyen see Nguyen Ngoc, H.
- Ngoc, H. Nguyen see Nguyen Ngoc, H.
- Ngoc, P. Van see Van Ngoc, P.
- Ngoc, T.D.K. see Mayer, W.G. 1-41931
- Ngoc Dao Minh see Dao Minh Ngoc
- Ngoc Thuan Nguyen see Nguyen Ngoc Thuan
- Ngoc Ziep Do see Do Ngoc Ziep
- Ngok Lam Kgyuen see Kgyuen Ngok Lam
- Nguyen Dang Nyuan see Bechvakzh, F. 1-41114
- Nguyen Khuau Zyoung see Ge, G.G. 1-54037
- Nguyen Kwang Min see Basildaze, S.G. 1-40763
- Nguyen Tang Nonequilibrium Green functions and their application to nonequilibrium systems 1-23109
- Nguyen Tkhi Sha see Basiladze, S.G. 1-45795
- Nguyen, A.-T. see Kulacki, F.A. 1-5867
- Nguyen, D.D., Robillard, M., Chive, M., Leroy, Y., Audet, J., Pichot, C., Bolomey, J.-C. Microwave thermography: the modeling of probes; an approach toward thermal pattern recognition 1-22108
- N'Guyen, D.D. see Audet, J. 1-43939
- N'Guyen, D.D. see Mamouni, A. 1-8971, 1-35859
- Nguyen, D.H. Failure analysis of carbide fuels under transient overpower (TOP) conditions 1-10472
- Nguyen, H. see Ferrer, A. 1-50463
- Nguyen, H. see Wall, T.F. 1-24858
- Nguyen, K.H. see MacArthur, J.W. 1-21843
- Nguyen, N.T. The oscillator shell model with the state dependent frequencies 1-28397
- Nguyen, T.H., Foley, R.T. The chemical nature of aluminum corrosion. III. The dissolution mechanism of aluminum oxide and aluminum powder in various electrolytes 1-35420
- Nguyen, T.H. see Okuzawa, T. 1-19906
- Nguyen, T.P. see Guillet, M. 1-52664
- Nguyen Ai Viet Low frequency limits of third-order harmonic coefficients for atomic hydrogen in any level of discrete energy spectrum 1-51078
- Nguyen Ai Viet see Nguyen Ba An 1-39088, 1-52501
- Nguyen Ba An, Nguyen Van Hieu, Nguyen Toan Thang, Nguyen Ai Viet Interband electronic Raman scattering of polarized light in CuCl 1-39088
- Nguyen Ba An, Nguyen Van Hieu, Nguyen Toan Thang, Thai Le Thang, Nguyen Ai Viet Polariton theory of the scattering of light beams in semiconductors 1-52501
- Nguyen Ba Cuong see Ba Cuong Nguyen
- Nguyen Huu Tinh see Destrade, C. 1-2318
- Nguyen Hy Hau see Blinowski, J. 1-47462
- Nguyen Ky Toan see Antippa, A.F. 1-5086
- Nguyen Long-Den see Long-Den Nguyen
- Nguyen Minh Khue, Solym, J. Exact solution of a quasi-one-dimensional model with long range interaction (coupled Tomonaga chains) 1-34694
- Nguyen Ngoc, H. see Badier, J. 1-10582
- Nguyen Ngoc Thuan see Vo Hong Anh 1-1641, 1-1642
- Nguyen Phu Xuan, Nayyar, V.P., Rivoire, G. Non-linear propagation of N intense waves. Polarization states, refractive indices and self-focusing 1-44667
- Nguyen Quoc Son Energetic methods and the mechanics of rupture 1-15448
- Nguyen Si Mao see Bassa, G. 1-26743
- Nguyen Thac Kim see Zimmerman, H. 1-48680
- Nguyen Thi Hong Mass formula for hadrons with beauty 1-528
- Nguyen Thi Hong, Ngia Do Ty Liem Electromagnetic properties of charmed hadrons 1-5637
- Nguyen Toan Thang see Nguyen Ba An 1-39088, 1-52501
- Nguyen Tuan Q see Valance, A. 1-51257
- Nguyen Van, V., Theye, M.L., Fisson, S. Stability and electronic properties of vacuum-evaporated amorphous metallic Au-Ge alloy films 1-31213
- Nguyen Van Hieu see Nguyen Ba An 1-39088, 1-52501
- Nguyen Van Hieu see Ulbrich, R.G. 1-35034
- Nguyen Van Sen, Gondrand, J.C., Mercheze, F., Daries-Blanc, R. Deeply inelastic collisions and fusion in the $^{20}\text{Ne}+^{40}\text{Ca}$ system 1-23701
- Nguyen Xuan, C. see Di Stefano, G. 1-45887
- Nguyen-Ngoc, H. see Basse-Cathalinat, B. 1-3998
- Nguyen-O-Rieu see Bujarrabal, V. 1-32739
- Nguyen-O-Rieu see Combes, F. 1-13830
- Nguyen-Ngoc, H. see Badier, J. 1-10218
- Nham Chun-Woo see Chun-Woo Nham
- Ni, A.L., Ryzhov, O.S. Structure of relaxation zones behind a shock front in chemically active gas mixtures 1-46778
- Ni, C.C. see Hansen, R.J. 1-29497
- Ni, Y.C. Comparison of standing wave and traveling wave resonators for an FIR laser 1-11025
- Ni Chionna, O., McEvoy, A.J. MOS polycrystalline GaAs solar cells with grain boundary passivation 1-48847
- Ni Guang-jion, Su Ru-keng Comments on the linear quark confining potential in quantum mechanics 1-23471
- Ni Guang-Jiong, Chen Su-Qing The sea quarks in pairing vibrational model of mesons and OZI rule 1-45235
- Ni Ruicheng, Li Chengxiu An investigation of the carbon migration process in the welded joint of a 12AlMoV steel 1-52336
- Ni Sow-Sung see Sow-Sung Ni
- Ni Zhen-wei, Zhu Ming-shan, Wang Wei-cheng Performance of solar collector for power generation evaluated by exergy parameter 1-4164
- Ni Zhen-wei see Wang Wei-cheng 1-48904
- Ni Zhen-wei see Zhu Ming-shan 1-4163
- Niarchos, D., Viccaro, P.J., Dunlap, B.D., Shenoy, G.K., Aldred, A.T. Structural and magnetic properties of DyFe_2 hydrides 1-7132
- Niarchos, D. see Cashion, J.D. 1-16514
- Niarchos, D. see Fish, G.E. 1-25203
- Niarchos, D. see Shenoy, G.K. 1-3303, 1-43053
- Niarchos, D. see Viccaro, P.J. 1-3304
- Niay, P. see Bernage, P. 1-46451
- Niblett, E.R., Honkura, Y. Time-dependence of electromagnetic transfer functions and their association with tectonic activity 1-22240
- Niblett, E.R. see Drury, M.J. 1-35950
- Nicolini, S. see Bassi, D. 1-50271
- Nice, A.W. see Thaller, L.H. 1-53694
- Nichalski, C. see Malinowski, J. 1-21263
- Nichiporenko, O.S. Modern methods of manufacture of metal powders 1-3652
- Nichiporenko, V.I. see Borisov, Yu.S. 1-39492
- Nichitifu, A. see Dyachkov, E.I. 1-52696
- Nicholas, D., Bayazitoglu, Y. Heat transfer and melting front within a horizontal cylinder 1-20364
- Nicholas, D.J. see Bell, A.R. 1-42137
- Nicholas, D.J. see Craddock, D. 1-29270
- Nicholas, J., Davidson, A.M., Sessions, S.J., Stradling, R.A. Shallow donor spectroscopy in $\text{Ga}_{1-x}\text{As}_x\text{P}_{1-y}\text{I}_y$ 1-48054
- Nicholas, M.G. see Cavell, I.W. 1-21769, 1-21770
- Nicholas, R.J. Quantum transport in semiconductors 1-7640
- Nicholas, R.J. Hot-electron transport in quantizing magnetic fields 1-16302
- Nicholas, R.J., Carter, A.C., Fung, S., Stradling, R.A., Portal, J.C., Houlbert, C. A study of the energy loss mechanisms for hot electrons in CdTe and CdS from oscillatory photoconductivity and the magnetophonon effect 1-3010
- Nicholas, R.J., Kress-Rogers, E., Kuchar, F., Pepper, M., Portal, J.C., Stradling, R.A. Electron transport in silicon inversion layers at high magnetic fields and the influence of substrate bias 1-12196
- Nicholas, R.J. see Fung, S. 1-47699
- Nicholas, R.J. see Portal, J.C. 1-47684
- Nicholas, T., Barber, J.P., Bertke, R.S. Impact damage on titanium leading edges from small hard objects 1-48465
- Nicholls, J.E. see Dunstan, D.J. 1-26081
- Nicholls, J.E. see Patel, J.L. 1-52869
- Nicholls, J.E. see Verity, D. 1-21086, 1-43039
- Nicholls, R.L., Child, T.N. Heat loss and storage functions for a thermal well 1-8764
- Nicholls, R.W. see Freedman, R. 1-9248, 1-14811
- Nicholls, R.W. see Roney, P.L. 1-54240
- Nichols, A.B., Beller, G.A., Cochavi, S., McKusick, K.A., Strauss, H.W. Detection of pulmonary emboli by positron imaging of inhaled ^{15}O -labeled carbon dioxide 1-9013
- Nichols, B.D. see Hirt, C.W. 1-49943
- Nichols, B.G. see Hope, H. 1-38201
- Nichols, D.N., Rimal, D.S., Sladek, R.J. Elastic anharmonicity of InP: its relationship to the high pressure transition 1-38433
- Nichols, F.A. Numerical methods for analyzing sintering by surface diffusion 1-3650
- Nichols, F.A. Comments on 'Problems with computer simulation of sintering kinetics' 1-26401
- Nichols, H. see Andrews, J.T. 1-36052
- Nichols, J. Microprocessor interfacing for DPMs 1-9974
- Nichols, J. Scale expansion for DVMs 1-32999
- Nicholson, D.R. see Amodt, R.E. 1-38092
- Nicholson, D.R. see Hoing, P. 1-27368
- Nicholson, D.R. see van Grunsven, T.F.J. 1-27367
- Nicholson, G. see Fenslow, J.L. 1-49195
- Nicholson, K. see Hafner, U. 1-21031
- Nicholson, L.K., Higgins, J.S. Dynamics of dilute polymer solutions [using neutron spin echo] 1-34216

- Nicholson, M.M., Pizzarello, F.A. Effects of the gaseous environment on propagation of anodic reaction boundaries in lutetium diphthalocyanine films 1-35407
- Nicholson, N., Kuckertz, T.H., Ethridge, C.D. A microcomputer based shelf system to monitor special nuclear materials in storage 1-14629
- Nicholson, P.S. *see* Bentzen, J.J. 1-31394
- Nicholson, P.S. *see* Cooper, S.A. 1-31691
- Nicholson, P.S. *see* Kuribayashi, K. 1-31541
- Nicholson, P.S. *see* Pekarsky, A. 1-21396
- Nicholson, P.S. *see* Teitsma, A. 1-30456
- Nicholson, R.B. *see* Mueller, C. 1-10478
- Nicholson, R.D. *see* Bolton, C.J. 1-35394
- Nicholson, S.E., Flohn, H. African environmental and climatic changes and the general atmospheric circulation in Late Pleistocene and Holocene 1-17682
- Nick, W., Schmidt, C. Thermal magnetoresistance to copper matrix in compound superconductors, a new measuring method 1-47797
- Nickel, B., Roden, G. Delayed fluorescence of N-methylcarbazole in heptane and in toluene: energy transfer from upper excited singlet states of N-methylcarbazole to toluene 1-33489
- Nickel, B. *see* Kray, H.-J. 1-28892
- Nickel, B.G. *see* Egelstaff, P.A. 1-27720
- Nickel, B.G. *see* Millman, B.M. 1-8792
- Nickel, H. *see* Blumenkamp, H.-J. 1-48639
- Nickel, H. *see* Blumenkamp, H.-J. 1-21687
- Nickel, H. *see* Frye, K. 1-35262
- Nickel, H. *see* Inspektor, A. 1-12000
- Nicklas, B., Mecking, H. Analysis of steady-state flow in Al single crystals 1-12847
- Nickles, P.J. *see* Zueva, G.Ya. 1-14891
- Nickles, R.J. A high-pressure gas target for cyclotrons 1-23916
- Nicklin, R. *see* Ahmad, K. 1-11172
- Nicklow, R.M., Crummett, W.P., Mostoller, M., Wood, R.F. Neutron scattering from coupled phonon-impurity modes in $KCl_{1-x}(KCN)_x$ 1-11820
- Nicklow, R.M., Crummett, W.P., Wood, R.F., Mostoller, M. Neutron scattering study of coupled defect-phonon modes in $KCl_{1-x}(KCN)_x$ 1-2582
- Nicklow, R.M., Pomerantz, M., Segmuller, A. Neutron diffraction from small numbers of Langmuir-Blodgett monolayers of manganese stearate 1-42984
- Nicklow, R.M. *see* Lander, G.H. 1-47623
- Nicklow, R.M. *see* Stassis, C. 1-38481, 1-52244
- Nickloff, E.L., Beck, T.J., Leo, F.P., Gayler, B.W. Variations in measured patient entrance exposure for selected X-ray procedures 1-44023
- Nicol, A.G., Wood, W.T., Behrens, R.G., Herrick, C.C. Remote operations for pyrometallurgical reprocessing experiments 1-5981
- Nicol, A.T., Tinet, D., Fripiat, J.J. Solid state nuclear magnetic resonance studies of hydrogen-molybdenum bronzes 1-3277
- Nicol, E.A. *see* Birch, J.R. 1-36746
- Nicol, J. *see* Winer, B.M. 1-48921
- Nicol, M., Besson, J.M., Velde, B. Raman spectra and structure of stishovite 1-43131
- Nicol, M. *see* Brewer, R.M. 1-26259
- Nicol, M.F., Wiget, J.M., Wu, C.K. Kinetics of the II-III phase transformation of polytetrafluoroethylene at high pressure 1-3729
- Nicol, T.H. *see* Kuchnir, M. 1-45749
- Nicolai, A. Numerical simulation of the transport processes in the scrape-off region and the burial chamber of a bundle divertor 1-25034
- Nicolai, A. *see* Fuchs, G. 1-11524
- Nicolai, H. Supersymmetry and functional integration measures 1-36825
- Nicolai, H., Townsend, P.K. N=3 supersymmetry multiplets with vanishing trace anomaly: building blocks of the N>3 supergravities 1-27844
- Nicolai, H. *see* Aurilia, A. 1-36800
- Nicolai, H. *see* Chamshedine, A.H. 1-14053
- Nicolai, H. *see* Deser, S. 1-33107
- Nicolai, H. *see* Grosse, H. 1-33108
- Nicolai, V.O. *see* Allen, R. 1-29309
- Nicolaides, C.A. *see* Komminos, Y. 1-51088
- Nicolaides, R.A. *see* Fix, G.J. 1-22996
- Nicolaides, A. *see* Bordes, G. 1-14421
- Nicolaïs, L. *see* Addeo, A. 1-13181
- Nicolaïs, L. *see* Caprino, G. 1-8407
- Nicolaisen, E. *see* Olesen, H. 1-11130
- Nicolas, A. *see* Gueguen, Y. 1-13442
- Nicolas, A. *see* Prinzhofer, A. 1-27120, 1-32413
- Nicolas, G., Durand, Ph., Burke, L.A. Non-empirical atomic potentials for ground state calculations of polymers 1-19231
- Nicolas, J. Microwave ferrites 1-30919
- Nicolas, J. Microwave ferrites and nonlinear phenomena 1-52795
- Nicolas, M., Malineau, M., Reich, R. The Eyring significant structure theory applied to methanol-tetrahydrofuran mixtures [dielectric constant] 1-26111
- Nicole, P.P. Removal of volatile materials from forepump oil 1-27996
- Nicole, P.P. *see* Person, J.C. 1-10615
- Nicolescu, B. *see* Balazs, L.A.P. 1-23486
- Nicolet, B. A plot of UVB diagram 1-17820
- Nicolet, M.-A. *see* Matteson, S. 1-11986
- Nicolet, M.-A. *see* Tsaor, B.Y. 1-25581
- Nicolet, M.-A. *see* Wielunski, L. 1-47396
- Nicoletti, G. *see* Battistoni, G. 1-14757
- Nicoli, D.F. *see* LaGattuta, K.J. 1-32087
- Nicoli, D.F. *see* Paul, M. 1-2113
- Nicoli, M. *see* Capone, P. 1-41913
- Nicollis, C. Derivation of zero-dimensional from one-dimensional climate models 1-4605
- Nicollis, C. The changing climate: historical perspective and mechanisms 1-36050
- Nicoll, D.W., Pintar, M.M. Torsional spectroscopy from nuclear magnetization time evolution in the rotating frame 1-43038
- Nicoll, J.F. Non-local specific heat—ordered-phase results 1-34888
- Nicoll, J.F., Bhattacharjee, J.K. Crossover functions by renormalization-group matching: $O(\epsilon^2)$ results 1-34895
- Nicoll, J.F., Johnson, D., Segal, I.E., Segal, W. Statistical invalidation of the Hubble law 1-49820
- Nicoll, W.B. *see* El-Hawary, M.A. 1-37887
- Nicollet, M., Bourdillon, A., Varet, M. Source mechanisms in the troposphere of gravity waves of moderate size: experimental study 1-44356
- Nicollier, C. First Spacelab mission 1-54338
- Nicollin, D., Bertels, P., Koningsstein, J.A. A tunable pulse Raman spectrometer capable of probing picosecond processes 1-10027
- Nicolosi, P., Volonte, S. Polarisation shift of low-Z Balmer lines in laser-produced plasmas 1-41348
- Nicolson, G.D. *see* Walker, R.C. 1-54503
- Nicotera, E. *see* Pitimada, D. 1-50713
- Niculescu, V.A., Hines, W.A., Budnick, J.I., Perkins, J., Papaefthymiou, G.C., Burch, T.J. Local-environment model for the hyperfine interactions in $Fe_{3-x}Ni_xSi$ 1-52537
- Niczyporuk, B., Zeludziejewicz, T., Chen, K.W., Hartung, R., Folger, G., Lurz, B., Vogel, H., Volland, U., Wegener, H., Bienlein, J.K., Graumann, R., Kruger, J., Leissner, M., Schmitz, M., Heimlich, F.H., Nernst, R., Schwarz, A., Strobusch, U., Trost, H.J., Zschorsch, P., Engler, A., Kraemer, R.W., Messing, F., Rippich, C., Stacey, B., Youssef, S., Fridman, A., Alexander, G., Av-Shalom, A., Bella, G., Gnat, Y., Grunhaus, J., Horber, E., Langguth, W., Scheer, M. Measurement of the decay $T^+ \rightarrow \tau^+ \pi^+$ 1-50421
- Niczyporuk, B., Zeludziejewicz, T., Chen, K.W., Hartung, R., Vogel, H., Wegener, H., Bienlein, J.K., Graumann, R., Kruger, J., Leissner, M., Rippich, C., Schmitz, M., Filos, E., Heimlich, F.H., Nernst, R., Schwarz, A., Strobusch, U., Zschorsch, P., Engler, A., Kraemer, R.W., Messing, F., Ridge, T., Stacey, B.J., Youssef, S., Fridman, A., Alexander, G., Av-Shalom, A., Bella, G., Gnat, Y., Grunhaus, J., Horber, E., Langguth, W., Scheer, M. Total width and leptonic branching ratio of the $T(9.46)$ 1-33175
- Niczyporuk, B., Zeludziejewicz, T., Chen, K.W., Hartung, R., Vogel, H., Wegener, H., Bienlein, J.K., Graumann, R., Kruger, J., Leissner, M., Schmitz, M., Heimlich, F.H., Nernst, R., Schwarz, A., Strobusch, U., Zschorsch, P., Engler, A., Kraemer, R.W., Messing, F., Rippich, C., Stacey, B., Youssef, S., Fridman, A., Alexander, G., Av-Shalom, A., Bella, G., Gnat, Y., Grunhaus, J., Horber, E., Langguth, W., Scheer, M. $T^0(10.01)$ resonance parameters 1-50447
- Niczyporuk, B. *see* Bock, P. 1-10234
- Niczyporuk, B. *see* Chabaud, V. 1-50468
- Niczyporuk, B. *see* Chabaud, V. 1-10392
- Niczyporuk, B. *see* Gorlich, L. 1-5656
- Nidaev, E.V. *see* Kachurin, G.A. 1-11780
- Nideborn, K. *see* Jansson, L. 1-50168
- Nidikom, B., Davies, T.J. Fracture toughness of some WC-Co alloys 1-39439
- Nie, A.G. *see* van Nie, A.G.
- Niebauer, D.A. Plasma etching of rigid/flexible PC boards 1-29920
- Niebauer, H.J. Sea ice and temperature variability in the eastern Bering Sea and the relation to atmospheric fluctuations 1-44206
- Niebergall, F. The WA18 ν experiment at the CERN SPS 1-45264
- Niebergall, F. *see* Diddens, A.N. 1-14747, 1-23998
- Niebergall, F. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Niebrugge, D.A. Theory and application of mass flow measurement devices in the loss-of-fluid test facility [fission reactors] 1-10436
- Niederer, F.R., Papanastassiou, D.A., Wasserburg, G.J. Endemic isotopic anomalies in titanium 1-13739
- Niederer, P. *see* Holenstein, R. 1-49055
- Niedermeyer, H., Albert, D.B., Behringer, K., Engelhardt, W., Fussmann, G., Gernhardt, J., Glock, E., Haas, G., Herppich, G., Hshie, Y., Karger, F., Keilhacker, M., Kluber, O., Kornherr, M., Lackner, K., Lisitano, G., Liu, C., Mayer, H.M., Meisel, D., Muller, R., Murmann, H., Poschenrieder, W., Rapp, H., Roth, J., Ruhs, N., Schneider, F., Sennic, S., Siller, G., Staib, P., Staudenmeier, G., Wagner, F., Wang, K., Wedler, H., Wesner, F. Conditioning and optimization of discharges in ASDEX 1-25040
- Niedhardt, A. *see* Reinhold, U. 1-7371
- Niedner, M.B., Jr. Interplanetary gas. XXV. A solar wind and interplanetary magnetic field interpretation of cometary light outbursts 1-22726
- Niedner, M.B., Jr. *see* Brandt, J.C. 1-22730
- Niedrach, L.W. A new membrane-type pH sensor for use in high temperature-high pressure water 1-21810
- Niedraas, H. *see* Hizhnyakov, V. 1-8123
- Niedrig, H. *see* Barfuss, H. 1-3310
- Niedzielski, J., Gawlowski, J. The formation of ethers in the gas phase gamma-radiolysis of simple alkanes in the presence of alcohols 1-53438
- Niedzwecki, J.M. *see* Casarella, M.J. 1-29650
- Niegawa, A. *see* Iguchi, K. 1-14398
- Nieh, H.T., Rauch, R. Riemann-Cartan type gravitational theories satisfying Birkhoff's theorem 1-36553
- Niehaus, A. Transfer ionization 1-14993
- Niehaus, A. *see* Duinker, W. 1-29107
- Niehaus, A. *see* Morgenstern, R. 1-24218
- Niehaus, H., Comsa, G. Bulk dissolved Si as a cause of the 'oxide' formation on Pt(111) surfaces 1-35435
- Niehaus, H., Kralh-Urban, B. Improved technique in electron stimulated desorption ion angular distributions 1-50285
- Niekisch, E.A. *see* Herion, J. 1-32025
- Niel, M. *see* Alekperov, T.A. 1-54441
- Niel, M. *see* Estulin, I.V. 1-49860
- Niel, M. *see* Zenchenko, V.M. 1-9732
- Niell, A.E. *see* Walker, R.C. 1-54503
- Nielsen, A., Krarup, P., Debel, C., Swindlehurst, W.E., Hjelmroth, H.E. Applicability of acoustic emission to steel structures 1-12875
- Nielsen, B.L. *see* Lovborg, L. 1-9124
- Nielsen, B.L. *see* Cockerill, D. 1-14742
- Nielsen, C.J. *see* Priebe, H. 1-14901
- Nielsen, C.J. *see* Torneng, E. 1-14896
- Nielsen, D.E. *see* Buneman, O. 1-7000
- Nielsen, E., Jorgensen, P. Transition moments and dynamic polarizabilities in a second order polarization propagator approach 1-33506
- Nielsen, G.A. *see* Haardt, H. 1-17625
- Nielsen, H. *see* Alstrom, P. 1-52510
- Nielsen, H.B., Adams, D.L. The effect of hydrogen adsorption at low temperatures on the structure of the reconstructed phases of the Pt(100) surface, studied by LEED 1-2819
- Nielsen, H.B., Ninomiya, M. Absence of neutrinos on a lattice. I. Proof by homotopy theory 1-50340
- Nielsen, H.B. *see* True, H. 1-42049
- Nielsen, H.J.V. Thermal stability and magnetic properties of $Fe_{5-x}W_xB$ metallic glasses 1-20071
- Nielsen, H.J.V. *see* Dey, S. 1-25986
- Nielsen, H.J.V. *see* Nielsen, O.V. 1-38928
- Nielsen, K.F. *see* Johannsen, I. 1-53073
- Nielsen, K.O. *see* Andersen, J.U. 1-50687
- Nielsen, L.B. *see* Prahm, L.P. 1-21948
- Nielsen, L.H. *see* Giudotti, T.E. 1-10422
- Nielsen, M. *see* McTague, J.P. 1-7476
- Nielsen, N. P-scanner system for ultrasonic weld inspection 1-53368
- Nielsen, N.B. *see* Utte, E.E. 1-43836
- Nielsen, O.F., Lund, P.-A., Praestgaard, E. Low frequency vibrations (20-400 cm^{-1}) of some mononucleosides in aqueous solution 1-21984
- Nielsen, O.M. Current mechanism of tunnel MIS solar cells 1-21880
- Nielsen, O.V., Nielsen, H.J.V. Magnetic anisotropy in $Co_{73}Mo_5Si_{13}B_{10}$ and $(Co_{80}Fe_{11})_{73}Mo_5Si_{13}B_{10}$ metallic glasses, induced by stress-annealing 1-38928
- Nielsen, P., Dalal, V.L. Thermoelectric power and conductivity of As-doped α -Si:H:F 1-47691
- Nielsen, P. *see* Walker, T.W. 1-39194
- Nielsen, S.E., Dahler, J.S. Classical-trajectory theory of high-energy collisions between one-electron projectiles and two-electron targets 1-51273
- Nielsen, S.E. *see* Bisgaard, P. 1-19177
- Nielsen, S.O. *see* Cockerill, D. 1-14742
- Nielsen, C.J. *see* Torneng, E. 1-48074
- Nielson, P. *see* Walker, T.W. 1-37530
- Niem Le-Chi *see* Le-Chi Niem
- Niemann, G.C. *see* Glowina, J.H. 1-24194
- Niemann, H.F., Tennant, D.C., Dolling, G. Single crystal filters for neutron spectrometry 1-14717
- Niemann, H.F. *see* Powell, B.M. 1-7093
- Niemann, M. *see* Andrews, H.R. 1-18559
- Niemann, E.-G. *see* Hulsheger, H. 1-48970

- Niemann, H.B. *see* Brinton, H.C. 1-36205
 Niemann, K. *see* Maschmeyer, D. 1-26035
 Niemann, K. *see* Tumbagel, G.E. 1-6049
 Niemann, R.C., Wang, S.-T., Dawson, J.W., Genens, L., Smith, R.P., Turner, L.R., Gonzcy, J.D., Hoffman, J., Mataya, K.F., Smelser, P., Vander Arend, P.C., Stoy, S. Cryogenic aspects of the UTSI-CFFF superconducting dipole magnet for MHD research 1-48882
 Niemann, R.C. *see* Smith, R.P. 1-45753
 Niemann, R.C. *see* Wang, S.-T. 1-48881
 Niemax, K. *see* Hotop, R. 1-41356
 Niemczura, Z. *see* Glowacki, Z. 1-8270
 Niemczyk, T.M. *see* McCamey, D.A. 1-17117
 Niemczyk, T.M. *see* Mehds, D.M. 1-42219
 Niemeier, W. Statistical tests for detecting movements in repeatedly measured geodetic networks 1-53966
 Niemela, V.S., Conti, P.S., Massey, P. HDE 311884: a massive Wolf-Rayet binary 1-49668
 Niemela, V.S. *see* Lortet, M.C. 1-13776
 Niemeyer, L., Plessl, A. The influence of flow geometry on gas blast arc interruption 1-15695
 Niemi, A. On the vacuum structure in the Coulomb and Landau gauges 1-18368
 Niemi, A.N., Courtney, T.H. Microstructural development and evolution in liquid-phase sintered Fe-Cu alloys 1-39341
 Niemi, E.E., Jr. Comparison of theory and experiment for the fluid dynamic performance of cromolyn sodium inhalers used for asthma prevention 1-17450
 Niemi, R.O. *see* Linford, R.B. 1-5957
 Niemenen, M., Torsti, J.J. Hadron cascades in thick materials. I. Materials. Carlo method for the simulation of cascades 1-37084
 Niemenen, M., Torsti, J.J. Hadron cascades in thick materials. II. Predictions for carbon and lead 1-37085
 Niemenen, R.M., Oliva, J. Theory of positronium formation and positron emission at metal surfaces 1-12612
 Niemenen, R.M. *see* Hillebrand, K. 1-42666
 Niemenen, R.M. *see* Lanto, L.J. 1-1081
 Niemkiewicz, J.M., Mulvaney, J.A., Rossi, R.P. Performance testing of diagnostic X-ray units 1-43975
 Niemkiewicz, J.M. *see* Mulvaney, J.A. 1-43981
 Nien Dak Sze, K.M., K.M.W. Photochemistry of COS, CS₂, CH₃SCN, and H₂S: implications for the atmospheric sulfur cycle 1-40151
 Nien-Chih Wei, Banerjee, M.K. Nucleon recoil effect in the pion-nucleon interaction 1-14471
 Nien-Chih Wei, Banerjee, M.K. Dynamical theory for the P-wave pion-nucleon interaction 1-14472
 Nien-Hua Chao *see* Shi-chune Yao 1-19715
 Nienhaus, R. *see* Koch, A.S. 1-48973
 Nienhaus, G. *see* Schuller, F. 1-45897
 Niephaus, G. *see* Gari, M. 1-36909
 Nies, H., Bauer, H., Roth, K., Rewicki, D. The complete ¹H spectral analysis of styrene 1-14933
 Niese, S. Varying impurity profile for zone floated Si 1-31941
 Niese, S. *see* Bottger, M.L. 1-19398
 Niesen, L. Investigation of hyperfine interaction by the orientation of radioactive nuclei 1-47596
 Niesen, L. *see* Kikkert, P.J. 1-16266, 1-47983, 1-52878
 Niesing, R. *see* Pronk, C.N.A. 1-32326
 Niess, R.C. Industrial heat pump applications for waste heat recovery 1-35690
 Niessen, P. *see* Culham, J.R. 1-21916
 Niessen, W. *see* von Niessen, W.
 Niessen, W. *see* von Niessen, W.
 Niesz, D.E., Beale, H.A. Recent advances in coatings technologies 1-16682
 Niesz, D.E. *see* Wills, R.R. 1-3951
 Nietendel, J. *see* Chelkowski, S.I. 1-23010
 Nietert, R.E., Abdel-Khalik, S.I. Thermal hydraulics of flowing-particle bed-type fusion reactor blankets 1-41248
 Nieto, J.-L. Galactic nuclei 1-27620
 Nieto, J.-L. *see* Laques, P. 1-13857, 1-36312
 Nieto, J.M. *see* Feinstein, J.G. 1-847
 Nieto, M.M., Goldman, T. Measurement of G/h using the superconducting AC Josephson effect 1-14061
 Nieto, M.M., Simmons, L.M., Jr. Analytic coherent states for generalized potentials 1-14048
 Nieto-Vesperinas, M., Garcia, N. Non-circular gaussian speckle contrast in the exact theory of multiple scattering of waves from random rough surfaces 1-19268
 Nieto-Vesperinas, M., Gea, M., Ross, G., Fiddy, M.A. Solutions to the three dimensional inverse scattering problem 1-41570
 Nieto-Vesperinas, M., Ross, G., Fiddy, M.A. The theory of light scattering in absorbing media 1-1490
 Nieto-Vesperinas, M., Vences, M.A., Ross, S., Fiddy, M.A. The formulation of the Huygens-Fresnel description of light propagation in terms of the theory of generalized analytic functions 1-46215
 Nieto-Vesperinas, M. *see* Fiddy, M.A. 1-1461, 1-41603
 Nieto-Vesperinas, M. *see* Ross, G. 1-1460, 1-15078, 1-41569, 1-41585, 1-51376
 Nieuwenhuizen, P. *see* van Nieuwenhuizen, P.
 Nieuwenhuys, G.J. Paramagnetic resonance and magnetic relaxation in dilute metal alloys 1-47930
 Nieuwenhuys, G.J. *see* Shapiro, S.M. 1-12329
 Nieuwenhuys, G.J. *see* Verbeek, B.H. 1-25885
 Nieuwenhuysen, P. Determination of small differences in buoyant density of macromolecules by analytical density gradient equilibrium centrifugation 1-13361
 Nieuwkerk, L.R. *see* Ligthart, L.P. 1-17699
 Nieuwkoop, J. *see* van Nieuwkoop, J.
 Nieuwpoort, W.C. *see* Broer, R. 1-38740
 Nieuwpoort, W.C. *see* de Bruckere, G. 1-24031
 Nieuwstadt, F.T.M. An analytic solution of the time-dependent, one-dimensional diffusion equation in the atmospheric boundary layer 1-53722
 Nievergeld, P.G.M., van den Brugh, J.H.A.M., van den Horst, J.F., Koppenol, A.D. Investigations on using the Earth as a natural heat source for heat pumps 1-21841
 Niewiadomski, M. *see* Haman, K.E. 1-54222
 Niewiadomski, W. *see* Kozłowska, M. 1-53934
 Niez, J.J. *see* Belorizky, E. 1-25917
 Nifan'ev, E.E. *see* Aslanov, L.A. 1-29137
 Niftiev, G.M. *see* Tagiev, B.G. 1-47660
 Nigam, A.K. *see* Majumdar, A.K. 1-3147
 Nigam, A.K. *see* Yadava, R.D.S. 1-7214, 1-7215, 1-7216
 Nigam, B.P. *see* Acharya, R. 1-470, 1-45173
 Nigam, R.K., Kapoor, R., Saini, R.C. High field ionic conduction in anodic films on superpurity aluminum from nitrate melts 1-25493
 Nigam, S.K. *see* Srivastava, R.D. 1-16706
 Nigg, D.W. *see* Grimesey, A.R. 1-6033
 Nigg, E.A., Cherry, R.J. Anchorage of a band 3 population at the erythrocyte cytoplasmic membrane surface: protein rotational diffusion measurements 1-21991
 Nigg, E.A. *see* Cherry, R.J. 1-53764
 Niggli, A. *see* Martin, O.E. 1-20128
 Nighan, W.L. Basic kinetic processes in neon gas discharge displays 1-11631
 Nighan, W.L., Wiegand, W.J. Basic kinetic processes in neon gas discharge displays 1-38186
 Nighan, W.L. *see* Brown, R.T. 1-37478, 1-46298
 Nightingale, M. *see* Burgess, D.D. 1-29914
 Nightingale, M.P., Blot, H.W.J. Finite size scaling and critical point exponents of the Potts model 1-23121
 Nightingale, M.P. *see* Blot, H.W.J. 1-36571
 Nightingale, N.R.V., Dawkins, A.W.J., Sheppard, R.J., Grant, E.H., Goodridge, V.D., Christie, J.L. The use of time domain spectroscopy to measure the dielectric properties of mouse brain at radiowave and microwave frequencies 1-27041
 Nightingale, N.R.V., Szwarnowski, S., Sheppard, R.J., Grant, E.H. A coaxial line cell for measuring the permittivity of medium to high loss liquids in the frequency range 2 to 15 GHz 1-33002
 Nigmatulin, A.S. *see* Lykhin, V.A. 1-30871
 Nigmatulin, B.I. Heat-transfer crisis and discharge of liquid in a film during passage of dispersed-annular flows 1-15484
 Nigmatulin, R.R. Application of the method of approximate integrals of the motion to Fermi and Bose systems. IV 1-50046
 Nigmatulin, R.R. Method of approximate integrals of the motion. III 1-50086
 Nigro, M. *see* Esposito, B. 1-36868
 Nihara, T., Iwata, T. Thermal conductivity of electron-irradiated pyrolytic graphite 1-25512
 Nihei, M. *see* Ohta, A. 1-48635
 Nihei, Y. *see* Owari, M. 1-53050
 Nihoul, J. *see* Brosens, F. 1-11824
 Nihoul, J. *see* De Schepper, L. 1-20191
 Nihoul, J.C.J. Residual circulation, long waves and mesoscale eddies in the North Sea 1-17618
 Nihous, G. *see* Wald, L. 1-27206
 Nii, K. *see* Takei, A. 1-53364
 Niibe, M. *see* Nakamura, Y. 1-26054
 Niigaki, M. *see* Chinen, K. 1-26389
 Niikura, K. *see* Hirai, T. 1-3952
 Niikura, M., Morris, J.W., Jr. Thermal processing of ferritic 5 Mn steel for toughness at cryogenic temperatures 1-16813
 Niiler, P.P. Effect of a western boundary eddy field on mid-ocean circulation 1-54100
 Niilisk, A. *see* Laisaar, A. 1-42702, 1-43182
 Niimi, H., Minamiyama, M., Hanai, S. Steady axisymmetrical stagnation-point flow impinging obliquely on a wall 1-37979
 Niimi, Y. *see* Iijima, S. 1-44074
 Niinisto, L., Valkonen, J., Ylinen, P. Synthesis and characterization of RE(Se₂O₇)NO₃·3H₂O, a new series of rare earth compounds 1-25232
 Niizeki, K. *see* Itoh, M. 1-30704
 Nijhawan, S., Chen, J.C., Sundaram, R.K., London, E.J. Measurement of vapor superheat in post-critical-heat-flux boiling 1-38000
 Nijji, Y. *see* Suga, S. 1-26178
 Nijman, A.J., Berlinsky, A.J. Theory of nuclear spin conversion in the β phase of solid CH₄ 1-2353
 Nijjs, J., d'Hoore, F., Mertens, R., van Overstraeten, R. The influence of the front metal coverage factor on the open-circuit voltage of silicon solar cells 1-39797
 Nijls, L. *see* Jacobs, L.J.M. 1-26865
 Nijssing, R., Eifler, W. A computational analysis of transient heat transfer in fuel rod bundles with single phase liquid metal cooling 1-23722
 Nijssing, R., Schwalm, D. Asymptotic temperature distribution and final composition of a particle bed with a molten fuel layer 1-5864
 Nijweide, P.J., Burger, E.H., van Delft, J.L., Kawilarang-de Haas, E.W.M., Wassenaar, M.G., Mellink, J.H. Effects of γ irradiation on cartilage matrix calcification 1-43910
 Nikandrov, L.B. *see* Alipchenkov, V.M. 1-19949
 Nikandrov, L.B. *see* Kareev, Ju.A. 1-38135
 Nikanorov, M.A. *see* Freidin, M.G. 1-43538
 Nikanorov, S.P. *see* Voinova, O.A. 1-11812
 Nidkel, S. *see* Omenetto, N. 1-10691
 Nikerov, V.A. *see* Sholin, G.V. 1-41681
 Nikhitii, F., Sapozhnikov, M.G., Falomkin, I.V., Scherbakov, Yu.A. Determination of the ³He and ⁴He matter radius from pion elastic scattering data 1-45544
 Niki, H., Izawa, Y., Yamanaka, C. Fine-structure splitting in ν_{42} of CF₄ measured by tunable diode laser 1-24142
 Niki, H., Maker, P.D., Savage, C.M., Breitenbach, L.P. Further IR spectroscopic evidence for the formation of CH₃(OH)OOH in the gas-phase reaction of HO₂ with CH₃O 1-14880
 Niki, H., Nagara, H., Miyagi, H., Nakamura, T. Ground-state energy of high-density helium 1-11954
 Niki, H. *see* Sugai, H. 1-11557, 1-34071
 Nikiforenko, V.N. *see* Batrak, A.G. 1-30715
 Nikiforov, A.E. *see* Shashkin, S.Yu. 1-25672
 Nikiforov, A.S. Transient flexural-wave fields in plane structures with random inhomogeneities 1-37696
 Nikiforov, A.S. *see* Bolgov, V.M. 1-15443
 Nikiforov, A.S. *see* Egorov, G.V. 1-10453
 Nikiforov, G.D. *see* Redchits, V.F. 1-48645
 Nikiforov, V.A. *see* Zhilinskii, A.P. 1-2161
 Nikiforov, V.I. *see* Miroshnichenko, I.I. 1-5632
 Nikiforov, V.N. *see* Brandt, N.B. 1-25745
 Nikiforov, Yu.N. *see* Dekhtyar, I.Ya. 1-53017
 Nikiforovich, E.I. *see* Tolmachev, V.V. 1-24314
 Nikiforovskii, V.S., Tetenov, E.V., Freishtat, N.A. Rear breakdown of plasmas 1-24745
 Nikishkina, I.V. *see* Yudkovskii, S.I. 1-43384
 Nikishov, A.I., Pichukurov, N.V. Energy spectrum of e⁺e⁻ pairs produced in muon-atom collisions 1-41474
 Nikitae, P.I. *see* Agapov, N.N. 1-6063
 Nikitenko, A.F. *see* Zaez, V.A. 1-51707
 Nikitenko, A.G. *see* Kol'chenko, A.P. 1-51537
 Nikitenko, N.I. Determination of certain physical properties of a solid on the basis of the interatomic interaction potential 1-47142
 Nikitenko, N.I., Postil, S.D. Numerical solution of two-dimensional inverse thermal conductivity problems 1-1800
 Nikitenko, V.I., Dedukh, L.M., Gornakov, V.S., Kabanov, Yu.P. Resonance Bloch line generation 1-3213
 Nikitenko, V.I., Gornakov, V.S., Dedukh, L.M., Kabanov, Yu.P. Free and forced oscillations of Bloch lines in YIG 1-52815
 Nikitenko, V.I. *see* Dedukh, L.M. 1-42986
 Nikitin, A.A., Kholtynin, A.F. On appearance of the lines of 'shaded' terms in planetary nebulae spectra 1-54600
 Nikitin, A.A. *see* Demura, G.V. 1-13611
 Nikitin, A.A. *see* Kashpar, Yu.V. 1-13640
 Nikitin, A.A. *see* Travina, N.T. 1-15896
 Nikitin, A.M. *see* Evdokimov, M.A. 1-18204
 Nikitin, B.G. *see* Larikov, L.N. 1-35279
 Nikitin, B.G. *see* Pan, V.M. 1-7578
 Nikitin, K.V. *see* Dyachenko, A.A. 1-6673
 Nikitin, L.P. *see* Zakharchenya, B.P. 1-48147
 Nikitin, L.V. *see* Krinich, G.S. 1-41231
 Nikitin, L.V. *see* Lazarev, E.M. 1-32529
 Nikitin, M.I., Sidorov, L.N., Korobov, M.V. The electron affinity of platinum hexafluoride 1-24240
 Nikitin, M.M., Medvedev, A.F., Moiseev, M.B. Experimental test and utilization of a multipurpose spectrum of synchrotron radiation 1-51355
 Nikitin, M.M., Medvedev, A.F., Moiseev, M.B., Epp, V.Ya. Interference of synchrotron radiation 1-10896
 Nikitin, M.M. *see* Ternov, I.M. 1-29200
 Nikitin, M.V. *see* Zakhar'yash, V.F. 1-33666
 Nikitin, N.L. Model of muscle tissue with a variable number of working fibers 1-49046
 Nikitin, N.V. *see* Dunskey, V.F. 1-46789
 Nikitin, S.A. Nature of the giant magnetostriction deformations in single crystals of terbium-yttrium and terbium-gadolinium alloys 1-42991

- Nikitin, S.A., Kataev, G.I., Arutyunyan, N.P. Influence of magnetic dilution on magnetic properties of rare-earth terbium-yttrium alloys 1-30978
- Nikitin, S.A. *see* Vasil'kovskii, V.A. 1-43035
- Nikitin, S.A. *see* Zholentz, A.A. 1-14381
- Nikitin, S.G. *see* Barth, M. 1-45377
- Nikitin, S.G. *see* Zhigunov, V.P. 1-45772
- Nikitin, V. *see* Abdullaev, A. 1-32073
- Nikitin, V. *see* Bozhko, A. 1-32305
- Nikitin, V.A. Soft hadron reactions 1-10247
- Nikitin, V.A. *see* Bogatin, V.I. 1-18627
- Nikitin, V.A. *see* Kuznetsov, A.A. 1-36883
- Nikitin, V.I. Determining the resistance of metallic materials to corrosion cracking 1-53387
- Nikitin, V.I., Soskin, M.S., Khizhnyak, A.I. Luminescence of neodymium glasses under narrow-band selective excitation in the region of ${}^4I_{13/2} \rightarrow {}^4F_{3/2}$ resonant transition 1-8132
- Nikitin, V.V. *see* Boykov, V.A. 1-16869
- Nikitin, V.V. *see* Saidov, M.S. 1-20863
- Nikitin, V.Yu. *see* Igoshin, V.I. 1-33675
- Nikitin, V.Yu. *see* Lel'chuk, V.L. 1-33291
- Nikitin, Yu.P. *see* Vanyashin, A.V. 1-18457
- Nikitin, Yu.P. *see* Volkov, G.G. 1-50398
- Nikitina, G.D. *see* Kozlov, L.F. 1-19733, 1-24886
- Nikitina, N.I. *see* Drits, M.E. 1-16818
- Nikitina, N.V., Pochivalova, G.P., Kon-Syu, Yu. Temperature dependence of resistance to small plastic deformations of spring steels and alloys 1-48430
- Nikitina, N.V. *see* Kuznetsov, V.L. 1-1010, 1-41154
- Nikitina, N.V. *see* Lobas, L.G. 1-24665
- Nikitina, V.F. *see* Abdrakhmanov, E.O. 1-722
- Nikitina, V.F. *see* Angelov, N. 1-41150
- Nikitina, V.F. *see* Azimov, S.A. 1-36888
- Nikitine, S. On a possible 'crystallized' state of exciton matter 1-25639
- Nikitinskii, V.A., Zhuravlev, B.I. Contracted cross-field discharge with a cold hollow cathode 1-25101
- Nikkinen, L., Pathak, B.P., Lessard, L., Lee, J.K.P. An ion source for indium and gallium 1-10569
- Nikkinen-Vilkkii, P. *see* Hyvonen-Dabek, M. 1-28796
- Niklas, A. *see* Arsenyev, P.A. 1-39142
- Niklas, J.R., Spaeth, J.M. Application of ENDOR-induced electron spin resonance to the study of point defects in solids 1-3261
- Niklas, J.R. *see* Barklie, R.C. 1-3294
- Niklas, J.R. *see* DuVarney, R.C. 1-43003
- Niklas, J.R. *see* Studzinski, P. 1-16503
- Niklasson, L.T. *see* Sorenson, J.A. 1-8991
- Niklasson, G.A., Granqvist, C.G. A technique for rapid and accurate determination of filling factors of codelposited granular films 1-30600
- Niklasson, G.A., Granqvist, C.G., Hunderi, O. Effective medium models for the optical properties of inhomogeneous materials 1-37409
- Nikoforov, A.A. *see* Zhdanov, K.R. 1-5315
- Nikogosyan, A.G. *see* Arutyunyan, G.A. 1-9522
- Nikogosyan, D.N., Angelov, D.A. Formation of free radicals in water under high-power laser UV irradiation 1-29049
- Nikogosyan, D.N. *see* Angelov, D.A. 1-35746, 1-39965
- Nikolaenko, A.A. *see* Kornienko, L.A. 1-16839, 1-53217
- Nikolaenko, A.A. *see* Shokurov, V.S. 1-3826, 1-43422
- Nikolaenko, A.M. *see* Stishov, S.M. 1-30353
- Nikolaenko, A.N. Effect of the pump current on the power resonances of a He-Ne/CH₄ ring laser 1-29257
- Nikolaenko, A.N. Generation regimes in a ring gas laser with nonlinear absorption 1-51514
- Nikolaenko, G.L. *see* Anisimov, M.A. 1-53484
- Nikolaenko, O.K. *see* Bovin, V.P. 1-17131
- Nikolaenko, V. *see* Barth, M. 1-41018, 1-45377
- Nikolaenko, V.M. Higgs mesons in gauge gravitation 1-3206
- Nikolaenko, V.N. *see* Ajinenko, I.V. 1-5667
- Nikolaev, A.F., Frolov, V.V., Chernykh, E.M. Influence of hydrogen on nature of stress and strain fields in steel specimens 1-12794
- Nikolaev, A.V., Samoilenko, M.V. Investigation of the electric breakdown for the system: plasma jet-metal electrode 1-46895
- Nikolaev, B.I. *see* Borman, V.D. 1-29823
- Nikolaev, F.A. *see* Bakeev, V.G. 1-1611
- Nikolaev, G.F. *see* Kusner, Yu.S. 1-33571
- Nikolaev, I.A., Styrov, V.V., Tyurin, Yu.I. The emission of electrons and photons in the adsorption of oxygen on oxides 1-38670
- Nikolaev, L.I. *see* Nemoshkalenko, V.V. 1-35122
- Nikolaev, N.A. *see* Nazmeev, Yu.G. 1-33960
- Nikolaev, N.N. Nuclear effects in photoproduction and leptoproduction. Where are they? Are they negligible? 1-10224
- Nikolaev, N.N. Non-elastic corrections to the overall nuclear cross-section 1-18614
- Nikolaev, N.N. Interactions of high energy leptons, photons and hadrons with nuclei 1-36948
- Nikolaev, N.N. *see* Kopeliovich, B.Z. 1-10205
- Nikolaev, N.N. *see* Levin, E.M. 1-10277
- Nikolaev, N.Ya. *see* Bartel, N. 1-36316
- Nikolaev, P.N. *see* Bazarov, I.P. 1-15821
- Nikolaev, V.A. *see* Antonov, A.N. 1-10374, 1-23628
- Nikolaev, V.A. *see* Badanin, V.I. 1-3908
- Nikolaev, V.A. *see* Sidorovich, V.A. 1-1347
- Nikolaev, V.D. *see* Kormer, S.V. 1-37511
- Nikolaev, V.I., Sever, G.N., Vasil'eva, T.V., Evdokimov, V.N. Components of the even photomagnetic effect 1-42820
- Nikolaev, V.V., Semenov, R.M., Koz'min, B.M. The Ogoren earthquake of 16 August 1977 1-9110
- Nikolaev, Yu.A. *see* Balashov, I.F. 1-9283
- Nikolaev, Yu.A. *see* Gavrilenko, T.P. 1-24832
- Nikolaeva, I.N. *see* Brekhovskikh, S.M. 1-12692
- Nikolaevskii, V.N. Limit velocity of fracture front and dynamic strength of brittle solids 1-24749
- Nikolai, W.L. *see* Breckenridge, W.H. 1-6361
- Nikolaiichik, A.V. *see* Belov, A.V. 1-6674
- Nikolaiichik, A.V. *see* Devyatikh, G.G. 1-33782
- Nikolaiichik, A.V. *see* Gur'yanov, A.N. 1-51629
- Nikolaiichik, L.V. *see* Sheiman, V.A. 1-1402
- Nikolaiok, A.S. *see* Zdesenok, Yu.G. 1-1007
- Nikolajsen, J.L., Holmes, R. The vibration of a multi-bearing rotor 1-19623
- Nikolashina, L.I. *see* Bakeev, A.A. 1-29895, 1-33731
- Nikolayev, B.I. *see* Borman, V.D. 1-11424
- Nikolayko, A.S. *see* Zdesenko, Yu.G. 1-5744
- Nikolenko, V.G. *see* Aleksandrov, Yu.A. 1-18575
- Nikolic, M. *see* Fritz, P. 1-14431
- Nikolic, Z.S., Ristic, M.M., Huppmann, W.J. Application of numerical method for grain growth analysis during liquid phase sintering 1-16710
- Nikolin, B.I., Shevchenko, N.N. New multilayered martensitic phases in the Co-Al system. Polytype structures in metal alloys 1-3732
- Nikolopoulos, P., Schulz, B. Density, thermal expansion of stainless steel and interfacial properties of UO₂-stainless steel above 1690K 1-5881
- Nikolov, I., Vitanov, T. The effect of method of preparation on the corrosion resistance and catalytic activity during corrosion of tungsten carbide. I. Corrosion resistance of tungsten carbide in sulfuric acid 1-8458
- Nikolov, I., Vitanov, T. The effect of method of preparation on the corrosion resistance and catalytic activity during corrosion of tungsten carbide. II. Changes in the catalytic activity of tungsten carbides during the corrosion process 1-8459
- Nikolov, I.D. Computation of the effect of technological errors on holographic image quality 1-1515
- Nikolov, O.N., Ruskov, T.H., Georgiev, S.A., Kadomtseva, A.M., Krinetskii, I.B., Lukina, M.M., Bazhanova, N.V. On the character of the unusual Morin type transition in a cobalt-substituted dysprosium orthoferrite 1-34880
- Nikolov, O.T., Gatah, S.V., Serdyuk, A.D. Diffusion kinetics of annealing model for radiation defects in an ideal molecular crystal 1-20476
- Nikolov, P., Fratev, F., Stoyanov, S., Polansky, O.E. Fluorescence and absorption spectra of phenylazopyrazolone dyes 1-51238
- Nikolov, P. *see* Polansky, O.E. 1-51183
- Nikolov, S., Picuch, M., Marchal, G., Janot, C. Experimental evidences of magnetic clusters in an amorphous Fe₃₆Sn₆₆ alloy 1-25985
- Nikol'skaya, I.F., Digilov, M.Yu., Bushueva, G.V., Nabatnikov, A.P., Demin, D.V., Kostikov, V.I., Betuganov, M.A. Structural investigation of synthetic graphite monocrystals subjected to ion irradiation 1-15903
- Nikol'skaya, I.F. *see* Virgil'ev, Yu.S. 1-34373
- Nikol'skaya, V.L., Orekhov, N.G., Pevzner, L.M. Stabilization and destabilization of austenite in Cr-Ni-Co-Mo maraging steel 1-3737
- Nikol'skii, A.P., Zhabnikov, V.A., Fedotkin, K.Ya., Chekhov, B.T., Korolev, E.F. Role of X-ray spectral analysis in the development of analytical control and the technology of high-grade metallurgy 1-21804
- Nikol'skii, B.A. *see* Grebninskii, V.G. 1-43054
- Nikol'skii, B.A. *see* Klimov, A.I. 1-37049
- Nikol'skii, E.V. *see* Umperovich, N.V. 1-40078
- Nikol'skii, I.V. *see* Balezin, S.A. 1-53355
- Nikol'skii, S.I., Stamenov, I.N., Yanminchev, V.D. Chemical composition of primary cosmic radiation in the energy region $\sim 10^{15}$ eV 1-13652
- Nikol'skii, S.N. *see* Anufriev, V.A. 1-23710
- Nikol'skii, S.N. *see* Belanova, T.S. 1-23663
- Nikol'skii, V.A., Markov, V.K., Panov, A.S., Valyunin, B.S. Gas-chromatographic apparatus for determining carbon in uranium and uranium dioxide pellets with serial loading of specimens 1-23766
- Nikol'skii, V.A. *see* Tsaturyants, A.B. 1-2600
- Nikol'skii, V.S. *see* Pavlovskii, A.I. 1-18931
- Nikomarov, E.S., Obukhov, S.P. Extended description of a solution of linear polymers based on a polymer-magnetic analogy 1-52047
- Nikonov, N.V. Amplifier for electron multiplier signals 1-45794
- Nikonov, N.V., Kudryavtsev, A.N. Use of microchannel plates to detect ions 1-45071
- Nikonov, Yu.I., Khairtadinov, E.F. Thermal stability and electrical conductivity of some fluorine-containing graphite compounds 1-8547
- Nikonov, A.A. Successes and failures in predicting an earthquake in the Alai Valley 1-44122
- Nikonov, E.A. *see* Selivanov, V.M. 1-36995
- Nikoshiba, N. *see* Tsubouchi, K. 1-47350
- Nikotin, O.P. *see* Gromov, L.A. 1-42436
- Niksich, M., Luthi, B. Low-temperature elastic constants of CeAl₃ 1-35299
- Nikulin, G.Z., Pchelkina, L.V., Pirumov, U.G., Roslyakov, G.S. Investigation of lateral forces and moments in the case of asymmetric gas flows in nozzles 1-51842
- Nikulin, S.A. *see* Shtrmel', M.A. 1-31497
- Nikulin, V.A., Konovalov, V.M., Volgin, B.K. Rotary disk apparatus for the investigation of cavitation erosion of materials 1-53375
- Nikulin, V.I., Pogossava, A.V., Konikova, A.S. Radiotracer studies on molecular mechanisms of death and resuscitation 1-26875
- Nikulov, V.A. *see* Marchenko, A.V. 1-52707
- Nilar, S.H.M. *see* Thuringingham, R.A. 1-1115
- Nilmani, M., Maxwell, T.T., Robertson, D.G.C., Spalding, D.B. Prediction of initial motion of a gas bubble in liquids 1-51845
- Nilolaev, I.N. *see* Musatov, M.I. 1-20212
- Nilov, K.E. *see* Babikova, Yu.F. 1-45093
- Nilsen, J., Yariy, A. Nondegenerate four-wave mixing in a Doppler-broadened resonant medium 1-51544
- Nil'sen, Yu.V. *see* Balamatov, N.N. 1-1034
- Nilsson, K. *see* Erlandsson, B. 1-5727, 1-10324
- Nilsson, R. Emergency response for SSNN accounting and physical security systems: an operator's view 1-14626
- Nilsson, R.H., Montoya, P.C. Experiments on transient condensing flow through a porous medium 1-42086
- Nilsson, R.H., Romero, L.A. Self-similar condensing flows in porous media 1-19703
- Nilsson, R.H. *see* Romero, L.A. 1-51865
- Nilsson, A., Bierke, P., Broome-Karlsson, A. Induction of neoplasia by ¹⁴⁰Ba in mice 1-53825
- Nilsson, A., Bierke, P., Walinder, G., Broome-Karlsson, A. Age and dose related carcinogenicity of ⁹⁰Sr 1-43903
- Nilsson, A. *see* Cockerill, D. 1-14742
- Nilsson, A. *see* Ekstrom, L.P. 1-666, 1-23587
- Nilsson, A. *see* Izycki, M. 1-1419, 1-1420
- Nilsson, A.C. Propeller induced hull plate vibrations 1-6709
- Nilsson, A.C. *see* Lyman, J.L. 1-19150
- Nilsson, B., Papp, T. Feasibility of safe terminal disposal of spent nuclear fuel 1-809
- Nilsson, B.A. *see* Bierschbach, J.A. 1-10006
- Nilsson, B.E.W. Superspace action for a 6-dimensional non-extended supersymmetric Yang-Mills theory 1-10071
- Nilsson, G. *see* Samskog, P.-O. 1-37227
- Nilsson, G.E., Tenland, T., Oberg, P.A. Evaluation of a laser Doppler flowmeter for measurement of tissue blood flow 1-8952
- Nilsson, J.-O. *see* Wirmark, G. 1-43447
- Nilsson, L., Thomas, J.O., Tofted, B.C. The structure of the high-temperature solid electrolyte lithium sulphate at 908K 1-30179
- Nilsson, L. *see* Palsson, B. 1-685
- Nilsson, P. *see* Erlandsson, B. 1-44030
- Nilsson, P.O., Kanski, J., Larsson, C.G. Interpretation of UPS from Cu (111) using a time reversed LEED formalism 1-16662
- Nilsson, P.O. *see* Faldt, A. 1-3518, 1-12592
- Nilsson, S. Narrow resonances in BB reactions 1-28338
- Nilsson, S. *see* Bergier, A. 1-10275
- Nilsson, S. *see* Johnson, P. 1-5659
- Nilsson, S.E.G. *see* Lovsund, P. 1-13232
- Nilsson, S.G. *see* Aberg, S. 1-50489
- Nilsson, S.G. *see* Baran, A. 1-50679
- Nilsson, T. *see* Sopori, B.L. 1-48540
- Nimmagadda, R. *see* Bunshah, R.F. 1-16721
- Nimmagadda, R. *see* Jamal, T. 1-31682
- Nimmagadda, R. *see* Suri, A.K. 1-16698
- Nimmo, J.K. Criteria for reducing background from ancillary diffractometer devices 1-30000
- Nimmo, J.K. Sodium chromate (II) at 296K (neutron) 1-42348
- Nims, J., Lo, A. Nimslo system adds a new dimension to 3-D topography 1-23330
- Nimtz, G., Schlicht, B. Experiments concerning the magnetic field induced Wigner condensation in semiconductors 1-30652
- Nimtz, G., Schlicht, B. Experiments concerning the magnetic field induced Wigner condensation 1-47680
- Ninaus, W., Kahr, G. Neutron flux control of a research reactor by a microcomputer system 1-28611
- Ninaus, W. *see* Muller, H.J. 1-28609
- Nine, B.J. *see* Francis, A.J. 1-832
- Ning Hu Scaling and the violation of scaling 1-10093
- Ninham, B.W. *see* Carnie, S.L. 1-47731
- Ninham, B.W. *see* Chan, D.Y.C. 1-11651
- Ninio, F. *see* Baker, P.L. 1-40761
- Ninio, F. *see* Morgan, M.J. 1-18149

- Nink, R., Kos, H.-J. Lithium fluoride dosimetry. I. The Z center model—a new concept for the description of the trapping process in dosimetric LiF:Mg, Ti 1-3508
- Nink, R. *see* Kos, H.-J. 1-25322
- Nink, R. *see* Kos, H.-J. 1-3511
- Nink, R. *see* Mieke, S. 1-3506
- Ninkovich, D. *see* Donn, W.L. 1-22304
- Ninichi, Y. *see* Ochiai, Y. 1-47109
- Ninomiya, H., Horiguchi, S., Osumi, H. Temporal and spatial behavior of excited-state He atoms in a pulse discharge 1-29939
- Ninomiya, H., Nakamura, Y., Ozeki, T., Suzuki, Y., Kameari, A., Tsuzuki, N., Some-tani, T. Studies of eddy currents in JT-60 1-911
- Ninomiya, H., Osumi, H., Horiguchi, S. Pumping mechanism of mercury-ion laser 1-41667
- Ninomiya, H. *see* Fukunishi, K. 1-25077
- Ninomiya, H. *see* Ogata, A. 1-914
- Ninomiya, K. *see* Takezawa, S. 1-27356
- Ninomiya, K. *see* Yamaguchi, H. 1-10747, 1-14956
- Ninomiya, M. *see* Nielsen, H.B. 1-50340
- Ninomiya, T. *see* Koizumi, H. 1-7083
- Ninomiya, T. *see* Murayama, K. 1-16605
- Niordson, F.L. An asymptotic theory for vibrating plates 1-6828
- Niple, E. Nonlinear least squares analysis of atmospheric absorption spectra 1-13567
- Niple, E. Near linear dependence in least-squares analysis: a correction 1-24014
- Niple, E. *see* Goldman, A. 1-22483
- Nippa, J.H. An improved image display for early EMI scanners 1-13318
- Nir, A. On the departure of a sphere from contact with a permeable membrane 1-29767
- Nir, D., Navon, E., Mann, A., Rosner, B. Pre-equilibrium distributions of the charge states of H_2^+ fragments in the sub-MeV energy region in H_2 air, and argon targets 1-6369
- Nironovich, I.A. Fatigue strength of samples strengthened by surface plastic deformation under fretting conditions 1-53285
- Niroomand-Rad, A., Parker, P.M. Sequential contact transformation formulation of asymmetric-rotator vibration-rotation Hamiltonian 1-41362
- Nirwal, V.V.S., Singh, R.K. Crystal mechanics of some alkali halides 1-47188
- Nisbet, J., Mather, H., Owen, J.A. Automatic sample preparation and data handling in atomic absorption analysis 1-27941
- Nisbet, J.D. *see* Palmer, M.H. 1-10645
- Nisbet, J.S., Tyrnoff, O.F., Zintchenko, G.N., Ross, W.J. Limits on the accuracy of correction of trans-ionospheric propagation errors by using ionospheric models based on solar and magnetic indices and local measurements 1-54321
- Nisbett, E.G., Mraz, G.J. Some materials used for construction of forged vessels for high pressures in the USA 1-28009
- Nisen, D.B. *see* Lacy, L.L. 1-36641
- Nishchenko, M.M. *see* Dekhtyar, I.Ya. 1-3545, 1-43210, 1-53013
- Nishi, H. *see* Hanamitsu, K. 1-41701
- Nishi, H. *see* Mitic, A. 1-30656
- Nishi, K. *see* Imai, T. 1-51070
- Nishi, K. *see* Ogushi, T. 1-16397
- Nishi, M. *see* Ishibashi, H. 1-42110
- Nishi, M. *see* Motoya, K. 1-12259
- Nishi, M. *see* Shizuma, K. 1-35113
- Nishi, M. *see* Takiyama, K. 1-26243
- Nishi, N. *see* Matsui, K. 1-33492
- Nishi, T. Experimental aspects of compatible polymer mixtures 1-35243
- Nishi, T., Fujiwara, I., Imanishi, N., Moriama, H., Ootai, K., Arakawa, R., Saito, T., Tsuneyoshi, T., Takahashi, N., Iwata, S., Hayashi, S., Shibata, S., Kudo, H., Yoshida, K. Cross sections of negative-pion-induced reactions in ^{10}Be , ^{12}C and ^{19}F nuclei between 0.4 and 1.9 GeV 1-50660
- Nishi, Y., Kayama, N., Kiuchi, S., Suzuki, K., Masumoto, T. Viscosities and glass formation of $Pd_{81}Si_{19}$ alloy and $Pd_{75}Cu_{25}Si_{10}$ alloy 1-30438
- Nishi, Y., Watanabe, H., Suzuki, K., Masumoto, T. Viscosities of Fe-C, Fe-P and Fe-P-C eutectic liquid alloys by a capillary method under reduced pressure 1-25483
- Nishibata, H. *see* Torizumi, K. 1-9010
- Nishibata, K., Yamamoto, S., Kaneda, R. A dead-weight piston manometer for use up to 2 GPa 1-18243
- Nishibata, K., Yamamoto, S., Kaneda, R. A dead-weight piston manometer for use up to 2 GPa 1-23257
- Nishida, H. *see* Shirakawa, T. 1-16234
- Nishida, I. *see* Kimoto, K. 1-10882
- Nishida, I. *see* Matsuo, S. 1-7900
- Nishida, K. *see* Yamamoto, T. 1-7398
- Nishida, M. Electronic states induced by surface defects on GaSb(110) 1-16337
- Nishida, M. Surface relaxation effects on the electronic structure of (111) and (111) surfaces of GaP, GaAs, and GaSb 1-47722
- Nishida, M. Cluster model calculations for electronic states of defects and group-II metal atoms on the GaSb, GaAs and InP(110) surfaces 1-52623
- Nishida, N. *see* Hayano, R.S. 1-26104
- Nishida, N. *see* Ito, T. 1-12825
- Nishida, N. *see* Ono, Y. 1-46258
- Nishida, S. *see* Shiota, T. 1-1693
- Nishida, T., Shiotsuki, T., Takashima, Y. Mossbauer study of the fraction of non-bridging oxygens in potassium borate glasses 1-34965
- Nishida, T., Tamura, K. Strengthening of sintered iron powder compacts by precipitation of vanadium carbide 1-31469
- Nishida, T. *see* Matsumoto, Y. 1-31867
- Nishida, T. *see* Takashima, Y. 1-43047
- Nishida, Y., Akai, S. Semi-insulating GaAs single crystals 1-48251
- Nishida, Y., Nagasawa, T. Oblique collision of plane ion-acoustic solitons 1-15612
- Nishida, Y., Nagasawa, T. Oblique collision of plane ion-acoustic solitons 1-24929
- Nishidai, T. *see* Igaki, T. 1-17118
- Nishide, N. *see* Kaneda, Y. 1-4453
- Nishigaki, S. *see* Kanno, R. 1-11724
- Nishihara, H. 'Incoherent-to-coherent' optical image conversion devices and their applications 1-19276
- Nishihara, H., Takano, M. NMR study of the metal-insulator-magnetic transitions in BaV_3 1-47969
- Nishihara, H. *see* Behringer, K. 1-23713
- Nishihara, H. *see* Mizushima, Y. 1-6649
- Nishihara, K. *see* Ido, S. 1-50927
- Nishihara, K. *see* Imasaki, K. 1-6982
- Nishihara, Y., Ogawa, S. Mossbauer study of $Co_{0.995}Fe_{0.005}S_2$ in external magnetic fields: magnetic structure of CoS_2 and the quadrupole splitting of the $FeS_2-CoS_2-NiS_2$ system 1-26098
- Nishihara, Y. *see* Ando, K. 1-21091
- Nishihara, Y. *see* Kasai, N. 1-46954
- Nishii, J. *see* Kawazoe, H. 1-3242
- Nishii, K. *see* Mashimo, T. 1-11815
- Nishiizumi, K., Murrell, M.T., Arnold, J.R., Elmore, D., Ferraro, R.D., Gove, H.E., Finkel, R.C. Cosmic-ray-produced ^{36}Cl and ^{55}Mn in Allan Hills-77 meteorites 1-40432
- Nishiizumi, K. *see* Finkel, R.C. 1-36034
- Nishiizumi, K. *see* Murrell, M.T. 1-54431
- Nishijima, H. *see* Mizuki, Y. 1-17375
- Nishijima, K. *see* Akazaki, M. 1-15715
- Nishijima, K. *see* Higashijima, K. 1-50315
- Nishijima, M. *see* Kato, H. 1-3549
- Nishijima, M. *see* Sakisaka, Y. 1-16638
- Nishijima, Y. *see* Hatano, Y. 1-33486
- Nishikawa, K., Tsintsadze, N.L., Vatanabe, M. Non-linear phenomena in plasma associated with relativistic motion of plasma electrons in high-frequency fields 1-38109
- Nishikawa, H. *see* Kitade, K. 1-814, 1-45632
- Nishikawa, H. *see* Okuda, Y. 1-38915
- Nishikawa, K. Recent work at Hiroshima on drift wave turbulence and associated transport 1-51953
- Nishikawa, K., Oobatake, M., Ooi, T. Method for electron computation of protein structures. A set of amino acid geometries and energy parameters 1-48952
- Nishikawa, K. *see* Deguchi, K. 1-39612
- Nishikawa, K. *see* Munakata, H. 1-22655
- Nishikawa, K. *see* Ooi, T. 1-39880
- Nishikawa, K. *see* Watanabe, T. 1-25020
- Nishikawa, K.-I., Sakai, J. Tearing modes in a current sheet with weak normal magnetic field 1-24946
- Nishikawa, M., Watari, T. Determination of radioactive strontium by β -ray spectrometry 1-37055
- Nishikawa, N. Heat transfer in a gas-particle flow with stepwise wall-temperature variation 1-34003
- Nishikawa, O. *see* Izuchi, M. 1-31319
- Nishikawa, O. *see* Konishi, M. 1-31320
- Nishikawa, O. *see* Wada, M. 1-30570
- Nishikawa, S., Mochizuki, S. Magnetic wire for position sensing device 1-23165
- Nishikawa, T., Asaga, K., Daimon, M., Kondo, R., Kitajima, K. Solid solubilities of interlayer (Na, K) ions in some fluor-mica systems and swelling characteristics of the solid solutions 1-20407
- Nishikawa, T., Daimon, M., Kondo, R., Kitajima, K., Daimon, N. Solid solubilities in the Na-taeniolite ($NaMg_2LiSi_4O_{10}F_2$)-Na-fluor-tetrasilic mica ($NaMg_2Si_4O_{10}F_2$)-Na-fluor-hectorite ($Na_{1/3}Mg_{2/3}Li_{1/3}Si_4O_{10}F_2$) ternary system and swelling characteristics of the solid solutions 1-47243
- Nishikawa, T., Okamoto, Y., Nakagawa, T., Kimura, H., Takeda, H. Dislocation climb-controlled creep of polycrystalline Mn-Zn ferrite 1-43460
- Nishikawa, Y. *see* Kihara, S. 1-30372
- Nishikawa, Y. *see* Shimizu, T. 1-16725
- Nishimaki, M. *see* Yoshikawa, A. 1-8720, 1-31358
- Nishimaki, N. *see* Yoshikawa, A. 1-26834
- Nishimatsu, Y., Yamaguchi, T., Okubo, S. Effect of strain rate on strength in uniaxial compression test of rocks 1-35320
- Nishimori, H., Suzuki, M. Absence of spontaneous magnetization in spin systems with competing interactions 1-30926
- Nishimori, K., Tokutaka, H., Takashima, K. Comparison of escape depths between Auger electron and disappearance potential spectroscopy electron 1-26319
- Nishimori, R.K. *see* Anderson, R.N. 1-4490
- Nishimoto, K. *see* Kai, E. 1-1110
- Nishimoto, K. *see* Osamura, Y. 1-1121
- Nishimoto, K. *see* Tanaka, H. 1-1122
- Nishimura, A., Kuwahara, K., Iwasaki, K. Resistivity and strain sensitivity of continuous metallic films 1-16385
- Nishimura, A. *see* Nakahara, S. 1-12001
- Nishimura, A.M. *see* Power, R.K. 1-28045
- Nishimura, G. Collision between the two columnar objects. I. Impact force 1-56
- Nishimura, G. Collision between the two columnar objects. II. Kinematics after the collision 1-57
- Nishimura, G. Collision between the two columnar objects. III. Energy apportionment after the collision 1-58
- Nishimura, H. Resonance Raman scattering in alkali iodides 1-39081
- Nishimura, H. *see* Okano, J. 1-32670
- Nishimura, H. *see* Yamada, T. 1-9187
- Nishimura, J., Hirotsawa, H., Ohta, S., Akiyama, H., Fujii, M., Yamagami, T., Koma, Y., Namiki, M., Okabe, Y., Matsuzaka, Y. Relay balloon 1-22505
- Nishimura, K., Narita, K., Shikano, Y., Okamura, J. Development of air cooled turbo molecular pump 1-50147
- Nishimura, K. *see* Suzuki, N. 1-4230
- Nishimura, K. *see* Taoka, T. 1-35493
- Nishimura, M., Yoshida, K., Oda, M., Ishida, Y. New static fatigue evaluation method of coated fiber and its estimated life time 1-11210
- Nishimura, M. *see* Arata, H. 1-13216
- Nishimura, M. *see* Murakami, Y. 1-53701
- Nishimura, M. *see* Yamada, S. 1-33282
- Nishimura, N. *see* Kobayashi, S. 1-24678
- Nishimura, S. *see* Otsuji, Y. 1-40052
- Nishimura, S. *see* Otsuka, A. 1-3895
- Nishimura, T., Aritome, H., Namba, S. Fabrication of an optical directional coupler of CdTe by electron beam lithography and ion etching 1-29408
- Nishimura, T., Low, F.J., Kurtz, R.F. Far-infrared survey of the galactic plane 1-4952
- Nishimura, T., Tada, K., Yokobori, H., Sugawara, A. Development of discrete ordinates S_N code in three-dimensional (X,Y,Z) geometry for shielding design 1-28708
- Nishimura, T. *see* Kanamori, H. 1-11822
- Nishimura, T. *see* Murase, K. 1-24694
- Nishimura, T. *see* Ohama, Y. 1-43469
- Nishimura, T. *see* Sonomura, H. 1-7149
- Nishimura, Y. *see* Tsuji, M. 1-10748, 1-14907
- Nishimuta, I., Sinno, K. Characteristics on E, propagation by oblique ionospheric sounding experiments 1-4702
- Nishina, K. *see* Wakamatsu, S. 1-5830
- Nishina, K. *see* Yamane, Y. 1-10448
- Nishina, Y. *see* Kasuya, A. 1-39212, 1-42686, 1-48141
- Nishina, Y. *see* Sasaki, Y. 1-47038
- Nishinaga, T. *see* Komorita, K. 1-30858
- Nishinaga, T. *see* Sawaki, N. 1-12116, 1-47703
- Nishino, O., Sekiguchi, N., Wakayama, N., Iwasaki, T., Araki, H., Miyazawa, T. Current status on reactor instruments and instrumentation systems for sodium cooled fast breeder reactors in Japan 1-45631
- Nishino, S., Hazuki, Y., Matsunami, H., Tanaka, T. Chemical vapor deposition of single crystalline β -SiC films on silicon substrate with sputtered SiC intermediate layer 1-35182
- Nishino, S. *see* Mitani, K. 1-4179
- Nishino, T. *see* Lahiri, S. 1-13261
- Nishino, T. *see* Nakayama, H. 1-26256, 1-48146
- Nishino, T. *see* Ohnishi, K.-I. 1-8118
- Nishino, T. *see* Yamazoe, Y. 1-13125, 1-47557, 1-48053
- Nishino, T. *see* Yasutake, K. 1-26255
- Nishino, Y. *see* Jesser, W.A. 1-2517
- Nishio, H. *see* Inada, T. 1-8916
- Nishio, I., Shao-Tang Sun, Swislow, G., Tanaka, T. Observations of the coil-globule transition in single polymers 1-42283
- Nishio, I. *see* Shao-Tang Sun 1-29155
- Nishio, I. *see* Tanaka, T. 1-15786, 1-43707
- Nishio, M. *see* Kimura, T. 1-15556
- Nishio, T., Iwama, Y. Measurement of hysteresis loops of high coercivity rare earth cobalt magnets by using pulsed magnetic fields 1-5347
- Nishio, T. *see* Torigama, T. 1-10603
- Nishio, Y. *see* Kobayashi, N. 1-47472
- Nishioka, G.M., Lacy, L.L., Facemire, B.R. The Gibbs surface excess in binary miscibility gap systems 1-47222
- Nishioka, H. Three-cluster-model study of ^{10}B nucleus 1-28380

- Nishioka, H., Johnson, R.C. Adiabatic treatment of medium-energy composite-projectile reaction cross sections 1-18657
- Nishioka, H. see Amakawa, H. 1-4118
- Nishioka, K. see Nakata, H. 1-31738
- Nishioka, M., Asai, M., Iida, S. An experimental investigation of the secondary instability 1-42019
- Nishioka, T., Atluri, S.N. Assumed stress finite element analysis of through-cracks in angle-ply laminates 1-46698
- Nishioka, T., Ohmachi, Y. Silicon-ion implantation in InP and annealing with CVD SiO₂ encapsulation 1-38396
- Nishitani, T., Yasuda, T. Birefringence of viscoelastic in the unloading process under combined stresses 1-43094
- Nishitarumizu, T. see Maeda, M. 1-41723
- Nishiuma, M. see Sasaki, A. 1-24420
- Nishiwaki, N. Low frequency noise 1-37741
- Nishiwaki, S. see Yanabu, S. 1-11618
- Nishiwaki, Y., Kawai, H., Koga, T., Morishima, H., Niwa, T. Nuclear track registration on aluminum oxide film with spark counting 1-6098
- Nishiy, I., Ishizaki, Y., Shimotomai, K., Sawamura, I., Tamura, K., Akama, M. Microspectrophotometric screening system with multi-filter scanning, practically feasible for the detection of premalignant and malignant lesions of the cervix. A preliminary note 1-4356
- Nishiyama, F. see Iwatani, K. 1-14719
- Nishiyama, H., Lukes, S.J., Mayfield, G., Grossman, L.W. Internal contamination of laboratory personnel by ¹³¹I 1-53913
- Nishiyama, H., van Tuinen, R.J., Lukes, S.J., Feller, P.A. Survey of ^{99m}Tc contamination of laboratory personnel: hand decontamination 1-40014
- Nishiyama, K., Arai, M., Watanabe, N. Radiation annealing of boron-implanted silicon with a halogen lamp 1-11773
- Nishiyama, K. see Arai, M. 1-43373
- Nishiyama, S., Iwasaki, M., Fukutome, H., Yamamura, M. A variational foundation of the improper Hartree-Bogoliubov formalism 1-5226
- Nishiyama, S., Iwasaki, M., Fukutome, H., Yamamura, M. Application of the improper Hartree-Bogoliubov formalism to the schematic model of odd nucleon 1-18585
- Nishiyama, T., Watanabe, Y. Momentum distribution and ground-state energy of liquid ⁴He at the absolute zero temperature 1-42594
- Nishiyama, T. see Maeda, C. 1-23187
- Nishiyama, Y. Optical bistability by phase switching 1-19380
- Nishiyuki, T. see Sakka, S. 1-21216
- Nishizaka, K. see Kawamura, K. 1-17143
- Nishizaka, T. see Nomura, M. 1-44948
- Nishizawa, A. see Yamanaka, M. 1-19970
- Nishizawa, J. see Shiota, I. 1-21612
- Nishizawa, T. see Hasebe, M. 1-16753
- Nishizumi, K., Regnier, S., Marti, K. Cosmic ray exposure ages of chondrites, pre-irradiation and constancy of cosmic ray flux in the past 1-13653
- Nisida, S., Urashima, T., Sugino, K., Masumoto, H. A study on fatigue crack propagation of rail steels 1-31658
- Nisida, Y. Far-infrared spectroscopy of impurities and excitons in semiconductors 1-3447
- Nisimov, E.R., Pacheva, S.I. Chiral field model and universality in three-dimensional space. II 1-14273
- Nisimura, K. see Hatanaka, K. 1-33255
- Nisitani, H., Kage, M. Effect of heat treatment on anisotropy of fatigue strength of a rolled steel 1-26505
- Nisitani, H. see Takao, K. 1-43486, 1-48477
- Nisevich, Ya.D. Limiting solubility of acceptors in silicon during their diffusion from surface oxide sources 1-47238
- Nissen, H.U. see Kwasnitza, K. 1-48301
- Nissen, H.-U. see Kumao, A. 1-47046
- Nissen, P.E. Abundance variations among young clusters and associations 1-36272
- Nissler, K. see Kiselev, N.A. 1-17341
- Nistler, W. see Weirauch, W. 1-33365
- Nistor, I. Wave propagation in nonlinear thermoelectric Cosserat solids 1-19627
- Nistor, L.C., Nistor, S.V., Toacsan, M.I. Characterization of cubic ZnS crystals grown from flux 1-3590
- Nistor, S.V. see Nistor, L.C. 1-3590
- Nita, S. see Takamiya, S. 1-11023
- Nitadori, Y. see Ifukube, T. 1-49157
- Nitayama, A., Sakaki, H., Ikoma, T. Properties of deep levels in ZnO varistors and their effect on current-response characteristics 1-47555
- Nithianandan, C.K. see Jones, B.G. 1-5968
- Nitka, H.F. Energies and hazards of non-ionizing radiations 1-43898
- Nitschke, J. see Hehl, F.W. 1-18125
- Nitsch, K. see Golonka, L.J. 1-52557
- Nitsche, J.A. Finite element approximations for free boundary problems 1-24659
- Nitsche, R. see Fiechter, S. 1-15840
- Nitschke, J.M., Fowler, M., Ghiorso, A., Leber, R.E., Leino, M.E., Nurmia, M.J., Somerville, L.P., Williams, K.E., Hulet, E.K., Landrum, J.H., Loughhead, R.W., Wild, J.F., Bemis, C.E., Jr., Silva, R.J., Eskola, P. Search for an 80 ms spontaneous fission activity in bombardments of ²⁴⁹Bk with ¹⁵N 1-36971
- Nitschmann, G., Gregory, A. On interpretation of striations in ruby crystals 1-31204
- Nitskaya, S.G. see Gol'dshteyn, V.Ya. 1-39349
- Nitsovich, V.M. see Boichuk, V.I. 1-3357, 1-43203
- Nitsovich, V.M. see Ermakov, V.N. 1-43149
- Nitsovich, V.M. see Kogutyuk, I.P. 1-12127, 1-21179
- Nitsovich, V.M. see Tkach, N.V. 1-42699
- Nitsure, N. A generalization of the Newton-Cartan theory of gravitation 1-9899
- Nitta, A. see Kuwabara, K. 1-3935, 1-8414, 1-35390
- Nitta, S. Preparation of amorphous silicon films and their properties. I. Glow-discharge method 1-43276
- Nitta, T. Free-field measurements for a loud-speaker system in a normal room 1-6733
- Nitta, T. see Nakanishi, K. 1-15684
- Nitta, Y., Okamoto, H., Hamakawa, Y., Fujita, N. Amorphous Si:H heteroface photovoltaic cells based upon p-n junction structure 1-8711
- Nitti, G. Choice of optimal orientation of one or two cylindrical gravitational antennas 1-27854
- Nitti, L. see Baldassarre, L. 1-8907
- Nityananda, N. see Agarwal, A.K. 1-27308
- Nityananda, R., Narayan, R. Validity of the quasistatic approximation in the theory of black hole evaporation 1-49711
- Nitz, H.M. see Ganschow, O. 1-30538
- Nitzan, A. see Freed, K.F. 1-37309
- Nitzan, A. see Gersten, J. 1-6267
- Nitzan, A. see Jacobson, S.H. 1-47293
- Nitzan, M., Weinreb, A., Appelbaum, A. Theoretical validation of the thermal dilution method for cardiac output determination 1-9051
- Niu, H., Takai, M. Lateral-photovoltaic measurement of the Corbino magnetoresistance of a very thin layer-N₂⁺-implanted layer on p-Si 1-47738
- Niu, K. see Abe, T. 1-24934, 1-25005, 1-41229
- Niu, K. see Ave, T. 1-11527
- Niu, K. see Kasuya, K. 1-46285
- Niu, K. see Murakami, H. 1-10047, 1-10048
- Niu, K. see Okada, T. 1-34065
- Niu, K. see Tazaka, S. 1-22654
- Niu, K. see Ushida, N. 1-546
- Niu Hong-Da see Jia Shou-Quan 1-47236
- Niukkanen, B. Gaussian matrix elements of the operator X₁₂: Reduction to confluent hypergeometric functions 1-10626
- Niv, Y. see Goldberg, M.B. 1-18542
- Niven, M.L., Percy, G.C., Thornton, D.A. The infrared spectra of 2-aminomethylpyridine complexes of metal(II) ions 1-14888
- Niwa, H. Diagnosis of gastrointestinal diseases 1-49155
- Niwa, K. see Tazaka, S. 1-22654
- Niwa, K. see Ushida, N. 1-546
- Niwa, N. On the ductile fracture of tough-pitch copper 1-26603
- Niwa, N. see Hotate, K. 1-24499
- Niwa, N. see Kaneda, E. 1-32538
- Niwa, N. see Yamada, M. 1-13352
- Niwa, T. see Nishiaki, Y. 1-6098
- Nix, J.R. see Sierk, A.J. 1-14484
- Nix, J. Rayford see Rayford Nix, J.
- Nix, R. see Werner, E. 1-50493
- Nix, W.D., Ilischner, B. Mechanisms controlling creep of single phase metals and alloys 1-31577
- Nix, W.D. see Fuentes-Samaniego, R. 1-20203, 1-47154
- Nix, W.D. see Gibeling, J.C. 1-12804, 1-25289
- Nix, W.D. see Singer, R.F. 1-3853, 1-26482
- Nixon, D. Transonic small disturbance theory with strong shock waves 1-2015
- Nixon, E.R. see Fakhrudin Ahmed 1-14869
- Nixon, J. see Ryan, H.M. 1-11498
- Nixon, J.H. see Levesque, D. 1-25132
- Nixon, J.M., Bollinger, L.M. Forced-circulation cooling system for the Argonne superconducting heavy-ion linac 1-45747
- Nixon, J.V. see Blomqvist, C.G. 1-13329
- Nixon, K.V. see Moss, C.E. 1-18753
- Nixon, P.H. Kimberlites in the south-west Pacific 1-13435
- Niyogi, P. Recent developments in integral equation method in transonic flow 1-37961
- Nizametdinova, M.A. see Allahverdiev, K.R. 1-31149, 1-35042
- Nizhel'skii, N.A. see Berlin, A.B. 1-17898
- Nizhnaya, S.L., Parilis, E.S., Ferleger, V.K. Charge composition of ions scattered by the surface of a single crystal 1-31254
- Nizhnik, S.B. Strain diagrams for a stable and metastable two-phase steels in relation to structure and phase volume concentration 1-39392
- Nizhnikov, V.V. see Gorbachev, S.M. 1-41423
- Nizhnikova, V.O. see Reshchikova, L.M. 1-25431
- Nizhnikovskaya, P.F. see Taran, Yu.N. 1-8299
- Nizienko, Yu.K. see Belousov, V.N. 1-33767
- Njos, A. see Brustad, K. 1-54153
- Nkemdirim, L.C. A test of a lapse rate/wind speed model for estimating heat island magnitude in an urban airshed 1-22431
- Nkolae, Yu.A. see Bel'kov, S.A. 1-32656
- No-Kwang Park, Chong Hee Kim Unidirectional solidification of Al-Cu eutectic 1-16766
- Noack, E.M. see Mayer, H. 1-27234
- Noack, F. see Mugele, T. 1-7080
- Noack, M.A., Gibson, E.D., Verhoeven, J.D. Brightness of LaB₆ cathodes 1-16669
- Noack, W. see Neske, E. 1-31822
- Noack, W.-E. An ab initio study of the keto-enol tautomerism 1-4084
- Noah, P.V. see Bopp, B.W. 1-9519, 1-27561, 1-32706
- Noah, S.T., Hopkins, G.R. Dynamic stability of elastically supported pipes conveying pulsating fluid 1-1852
- Noakes, J.E. see Jackson, W.M. 1-53739
- Noane, G.J. see le Noane, G.
- Nobili, A.M. see Farinella, P. 1-36169
- Nobili, C. see Galli, E. 1-2707
- Nobili, L. see Abramowicz, M.A. 1-49706
- Nobili, L. see Calvani, M. 1-5185, 1-22847
- Nobili, L. see de Felice, F. 1-18087
- Noble, B., Pike, T.J. Deviations from Matthiessen's rule in some magnesium-based alloys 1-47604
- Noble, B. see Hussain, M.A. 1-24748
- Noble, C.J. Subroutines for the evaluation of exchange integrals in the impact parameter formulation of atomic charge transfer collisions 1-1070
- Noble, C.J. see Bransden, B.H. 1-10836
- Noble, D. Biophysical mechanisms controlling heart-rate and its variability 1-32110
- Noble, I.E., Taylor, D.M. Electrical conduction in liquid and solid octadecane 1-7674
- Noble, I.E. see Taylor, D.M. 1-7675
- Noble, J.V. Modification of the nucleon's properties in nuclear matter 1-45445
- Noble, J.D. see Bidarisa, R. 1-50587
- Noble, L.V. see Davies, J.H. 1-45609
- Noble, M. see Dixon, R.N. 1-46043
- Noble, R.G., Walsh, D. MTRLI observations of the double QSO at 408 MHz 1-17905
- Noble, W.J. see le Noble, W.J.
- Nobles, R.A., Acton, L.W., Joki, E.G., Leibacher, J.W., Peterson, R.C. Large-aperture high-resolution X-ray collimator for the Solar Maximum Mission 1-9365
- Nobrega, M.C. Souza see Souza Nobrega, M.C.
- Nobuki, M., Oguchi, A. Hot workability of Inconel 713C and More 2 1-26509
- Noel, G. Siphon flows in the solar corona 1-54459
- Noda, C. see Kato, H. 1-37235
- Noda, E. see Hata, T. 1-16683
- Noda, J., Fukuma, M. Optical field calculation of impurity diffused channel waveguides by linear segment layer approximation 1-6648
- Noda, J. see Mikami, O. 1-46553
- Noda, J. see Tarucha, S. 1-46591
- Noda, K. see Akiba, Y. 1-20860
- Noda, K. see Tanifuji, T. 1-20270
- Noda, M., Yamafuji, K. AC loss in superconducting wires in a rotating magnetic field. I. Low-frequency loss in a wire in a high transverse field 1-42897
- Noda, M. see Katoh, Y. 1-47793
- Noda, N. see Ohkubo, K. 1-11576, 1-46902
- Noda, N. see Sumi, N. 1-37801
- Noda, N. see Yamanaka, M. 1-19970
- Noda, T. see Kitajima, M. 1-48476
- Noda, Y., Sakai, K., Matsushima, Y. High temperature CW operation of 1.5 μm InGaAsP/InP buffer-layer loaded planoconvex waveguide lasers 1-51501
- Noda, Y. see Endoh, Y. 1-47185
- Noda, Y. see Shapiro, S.M. 1-47189
- Nodulman, L. Hybrid shower counters for CDF 1-14763
- Noe, J. De La see De La Noe, J.
- Noe, J.W. see McGrath, R.L. 1-45457
- Noel, A., Aletti, P., Bey, P., Hoeffel, J.C., Hoffstetter, S., Schoumacher, P. Thermoluminescent dosimetry, our experience with clinical applications 1-9035
- Noel, F., Contreras, K., Repetur, H. Observations of Uranus made with the Danjon Astrolabe of Santiago, Chile, during 1978 1-9419
- Noel, H., Prigent, J. U.S.: a mixed valence uranium sulfide. Magnetic susceptibility of thorium and lanthanides isomorphous derivatives 1-47870
- Noel, H. see Thibaut, E. 1-48228
- Noel, J. see Citeau, J. 1-26861
- Noel, J. see Domain, F. 1-27320
- Noel, J.O., Newton, M.D., Hay, P.J., Martin, R.L., Bobrowicz, F.W. An ab initio study of the bonding in diatomic nickel 1-1095
- Noell, W.K. Possible mechanisms of photoreceptor damage by light in mammalian eyes 1-35822
- Noels, A., Conti, P.S., Gabriel, M., Vreux, J.-M. Surface composition changes in massive star evolution with mass loss 1-36265
- Noels, A. see Boury, A. 1-27471
- Noels, A. see Gabriel, M. 1-49674

- Noer, R.J. see Wolf, E.L. 1-12239, 1-13087
- Nofer, D. The influence of varying bathymetry on inertial boundary currents 1-9176
- Noffke, J., Fritzsche, L. Spin polarised ultra-thin metallic films 1-30623
- Noffke, J. see Hermann, K. 1-3037
- Noga, M. The theory of laser annealing of disordered semiconductors 1-26315
- Noga, V.I., Ranyuk, Yu.N., Telegin, Yu.N. Photoproduction of neutrons in a thick lead target 1-28711
- Noga, V.I. see Gann, A.V. 1-18645
- Noga, V.I. see Kuznetsov, V.L. 1-41154
- Noga, V.I. see Smirnov, A.N. 1-18972
- Nogaller, V.A. see Gorelik, V.A. 1-31924
- Nogami, Y. see Kumar, K.S. 1-10086
- Nogge, R.C. see Krider, E.P. 1-44302
- Noghinov, A.L. see Nevsky, O.B. 1-21373
- Nogova, A. see Bohacik, J. 1-568
- Nogteva, N.K. Analysis of high-alloy steels with X-ray diffractometer RK-5975 1-21808
- Noguchi, A. Soliton and nonlinear transmission line 1-24968
- Noguchi, A. see Sakai, K. 1-18033
- Noguchi, A. see Ueda, Y. 1-14029
- Noguchi, A. see Yagi, T. 1-11559
- Noguchi, K. see Saito, T. 1-3635
- Noguchi, K. see Sato, S. 1-40368
- Noguchi, K. see Shimizu, M. 1-9008
- Noguchi, S., Kojima, Y., Halbritter, J. Measurement of a superconducting 500 MHz Nb cavity in the TM_{010} mode 1-28756
- Noguchi, S., Mizuhashi, M. Optical properties of Cr-Co oxide films obtained by chemical spray deposition. Substrate temperature effects 1-53009
- Noguchi, T., Ohsawa, K., Morita, S., Mikoshiba, N. Effect of the shunt capacitance on the AC Josephson effect in Nb point contacts 1-3106
- Noguchi, T., Takado, S., Morita, S., Mikoshiba, N. Tunneling-type temperature dependence of critical current in Nb-Sn point contact 1-3107
- Noguchi, T. see Ishii, I. 1-31084
- Noguchi, T. see Mizuno, M. 1-26436
- Noguchi, T. see Soyano, T. 1-13701
- Noguchi, Y. A survey of present state of various flow cytometers 1-27030
- Noguchi, Y., Takahai, K., Suzuki, Y., Nagai, H. Low threshold current CW operation of InP/GaInAs buried heterostructure lasers 1-46376
- Noguchi, Y. see Ebisawa, S. 1-21905
- Noguchi, Y. see Matsuo, T. 1-33703
- Noguchi, Y. see Nakano, Y. 1-15185
- Noguchi, Y. see Tokunaga, M. 1-51479
- Noguchi, Y. see Ushida, N. 1-546
- Noguera, S., Bernabeu, J. Polarization-asymmetry equality for parity violating scattering 1-458
- Nohara, A., Imura, T., Yukawa, N. Direct observations of dislocation motion in an Al-Mg solid-solution alloy in three different temperature ranges by HVEM 1-25276
- Nohara, A. see Jessor, W.A. 1-2517
- Nohara, N. see Tanaka, E. 1-9007
- Nohda, S., Wasserburg, G.J. Nd and Sr isotopic study of volcanic rocks from Japan 1-54082
- Nohguchi, Y. see Takizawa, T. 1-9171
- Nohira, H. see Ehara, K. 1-31121
- Nohmi, T. see Manabe, S. 1-39679
- Noid, D.W. see Stine, J.R. 1-33525
- Noiray, J.C. see Laheurte, J.P. 1-20501
- Nojima, H. see Takiyama, K. 1-26243
- Nojima, K. The statistical dynamics of turbulence 1-44840
- Nojima, K. see Amano, M. 1-50765
- Nojima, S., Kawasaki, Y. Carrier reduction in n-GaAs by Cr ion implantation 1-47103
- Nokes, M.F. see Krishnan, K.S. 1-22543
- Nokes, R.F. see Greene, H.L. 1-53813
- Nokura, K. see Machida, K. 1-12232
- Nolan, E.J., Humphrey, A.E. Potential for biological conversion of biomass to liquid fuels 1-53683
- Nolan, J.E., McShane, W.J., Noordhoff, B.H. FTFF project status 1-18805
- Nolan, M.J. see Mazenko, G.F. 1-3200, 1-3201, 1-42978
- Nolan, P.J. The Daresbury isotope separator and recoil separator projects 1-10579
- Nolan, P.J. see Daniel, R. 1-45400
- Nolan, P.L. see Gruber, D.E. 1-22837
- Nold, E., Steeb, S., Lamparter, P., Rainer-Harbach, G. Experimental evidence for two kinds of defects in amorphous $Fe_{80}B_{20}$ 1-25177
- Nold, E. see Bek, R. 1-52050
- Nold, E. see Lamparter, P. 1-52079
- Noldeke, G. see Arends, J. 1-23642, 1-41097
- Noldeke, G. see McKeown, R.D. 1-28499
- Nolen, H.W., III see Gluck, D. 1-53819
- Nolen, J.A., Jr. see Robertson, R.G.H. 1-45505
- Nolet, G. see Cloetingh, S. 1-32396
- Nolli, F.V., Jr. Chemical potentials in solids 1-42453
- Nolli, F.V., Jr. Driving forces for mass transport in solids 1-47278
- Noll, S. see Roach, F. 1-21859
- Nolle, A. see Balz, R. 1-16490
- Nollert, H.P. see Ristig, M.L. 1-2749
- Nolley, E., Barlow, J.W., Paul, D.R. Mechanical properties of polypropylene-low density polyethylene blends 1-39441
- Nollez, G. see Mazure, A. 1-37152
- Nollmann, C.E., Thomasz, E. Study and application of properties of $CaF_2:Dy$ dosimeters 1-956
- Nollmann, C.E. see Thomasz, E. 1-13226
- Nolte, E., Hick, H. β delayed proton emission from a long-lived high-spin isomer in ^{95}Pd 1-23541
- Nolte, E., Korschinek, G., Heim, U. Investigation of very neutron deficient Ru and Rh nuclei with the help of (^{40}Ca , γ + γ) reactions 1-23566
- Nolte, G., Volpp, J., Schuch, R., Specht, H.J., Lichtenberg, W., Schmidt-Bocking, H. K-shell excitation probabilities in 32 MeV S on Ar collisions 1-24214
- Nolte, G. see Schuch, R. 1-1321, 1-19171
- Nolthenius, H.J. see Zijp, W.L. 1-50989
- Nolthenius, R. see Millis, R.L. 1-54408
- Nolting, E.E. see Miles, L.A. 1-25115
- Nolting, W., Oles, A.M. Red shift of the optical absorption edge of ferromagnetic semiconductors 1-12029
- Nolting, W., Oles, A.M. Conduction-band structure of a ferromagnetic semiconductor 1-34621
- Nolting, W., Oles, A.M. Temperature and carrier concentration dependence of the excitation spectrum of 5f-compounds 1-47469
- Noma, H. see Koyama, R. 1-44000
- Nomerovannaya, L.V., Kirillova, M.M., Shaikin, A.B. Interband absorption in the coloured intermetallic compounds PdIn 1-31148
- Nomicos, C.D. see Giakoumakis, G.E. 1-8137, 1-48170
- Nomikos, C.D. see Giakoumakis, G.E. 1-23396
- Nomine, A.M. see Miannay, D. 1-35336
- Nomiyama, Y. see Maeda, M. 1-41355
- Nomoflo, A.A. see Abkev, V.G. 1-18507
- Nomoflo, E.V. see Voznyakevich, E.V. 1-19688
- Nomokonov, P.V. see Kuznetsov, A.A. 1-36883
- Nomokonov, P.V. see Morozov, B.A. 1-37076
- Nomoto, A., Yamamoto, K. Momentum type flowmeter—dynamics and applicability 1-29816
- Nomoto, K. White dwarf models for Type I supernovae and quiet supernovae and presupernova evolution 1-44583
- Nomoto, K. see Chaudhuri, B.K. 1-16040
- Nomoto, K. see Miyaji, S. 1-54535
- Nomoto, S., Yamamoto, H., Sekiguchi, Y., Tamura, S. Measurement of subassembly outlet coolant temperature in the JOYO experimental fast reactor 1-23731
- Nomura, H., Kawazumi, F., Miyahara, Y. Thermodynamic properties of ions in nonequivalent solvents. Application of vapor pressure osmometry to the study of nonequivalent solution of electrolyte 1-7356
- Nomura, H. see Odagiri, Y. 1-11151
- Nomura, H. see Ohga, J. 1-19540
- Nomura, M., Nishizaka, T., Nakagiri, N., Fujiwara, H. Measurement of the resistance of manganin wire with cubic-anvil type pressure apparatus. II 1-44948
- Nomura, O., Okuo, T., Homma, T. Thermal stress generated in insulating wall elements of semi-hot MHD generator ducts 1-17225
- Nomura, O. see Okuo, T. 1-17224
- Nomura, S., Tsu Wei Chou. Effective thermoelastic constants of short-fiber composites 1-25467
- Nomura, S. see Amin, A. 1-38355
- Nomura, S. see Gomi, M. 1-8045
- Nomura, S. see Imai, H. 1-8564
- Nomura, S. see Kuwata, J. 1-21130
- Nomura, S. see Kyri, T. 1-3835
- Nomura, S. see Tsu-Wei Chou 1-21501
- Nomura, S. see Tsukide, O. 1-20880
- Nomura, S. see Uchino, K. 1-12457, 1-16526
- Nomura, S. see Utorio, Y. 1-3848
- Nomura, T. Periodic Comet Gunn 1-54423
- Nomura, T., Yamaguchi, T. TiO_2 aggregation and sintering of $BaTiO_3$ ceramics 1-3673
- Nomura, T. see Gono, Y. 1-50544
- Nomura, Y., Kobayashi, T., Fukuya, T. Diagnostic methods of ear, nose and throat diseases 1-49151
- Nomura, Y. see Momota, H. 1-6000
- Nomura, Y. see Murakami, A. 1-11519
- Nonaka, K., Kim, C.J., Shohno, K. Multilayer epitaxial growth of BP and Si on Si substrates 1-3630
- Nonaka, K. see Iwata, Y. 1-14003
- Nonclercq, B. see Le Noane, G. 1-11164
- Nongaillard, B. Acoustic microscopy 1-43641
- Nonnenmacher, Th.F. see Gleisberg, F. 1-30387
- Nonoyama, M. see Kamiya, Y. 1-45081
- Noojien, B. Van see Van Noojien, B.
- Noonandi, J., Hong, K.M. Theory of inhomogeneous polymers in presence of solvent 1-38238
- Noonandi, J. see Dunfield, L.G. 1-12322, 1-21004
- Noonan, J.R., Davis, H.L. Limitations in specular beam LEED analysis due to measurement of the scattering angle: examples from a study of Cu(110) 1-11965
- Noonan, T.W. On the rotation of star clusters 1-9588
- Noonan, T.W. On the rotation of star clusters and nebulae as determined from radial velocities 1-22843
- Noor, A.K., Nemeth, M.P. Analysis of spatial beamlike lattices with rigid joints 1-11328
- Noor, A.K., Weisstein, L.S. Stability of beamlike lattice trusses 1-41964
- Noordergraaf, A. see Li, J.K.-J. 1-49031
- Noordergraaf, A. see Melbin, J. 1-17448
- Noordhoff, B.H. see Nolan, J.E. 1-18805
- Noordik, J.H. see Manoharan, P.T. 1-47070
- Nooren, G.J.L. see van der Leun, C. 1-28447
- Noorlag, D.J.W. see Middelhoek, S. 1-44909
- Noorlander, C., Heuts, J.G., Koenderink, J.J. Influence of the target size on the detection threshold for luminance and chromaticity contrast 1-4279
- Noorman, C. see Wensink, W.A. 1-6323
- Noort, R. van see van Noort, R.
- Noor-Areyyan, V.A. see Alekhin, B.V. 1-33677
- Noras, J.M. Photoionisation and phonon coupling 1-2907
- Noras, J.M. Some formulas for moments of the Poisson distribution 1-32834
- Norbeck, J.M. see Kress, J.W. 1-6275
- Norbert, S. see Bitterwolf, E. 1-28375
- Norcross, D.W. see Pradhan, A.K. 1-46132
- Norcross, D.W. see Schmid, G.B. 1-24043
- Nord, A.G., Stefanidis, T. The cation distribution between five- and six-coordinated sites in some $(Mg,Me)_2(PO_4)_2$ solid solutions 1-2409
- Nord, A.G. see Annersten, H. 1-21090
- Nord, G.L., Jr. The composition, structure, and stability of Guinier-Preston zones in lunar and terrestrial orthopyroxene 1-22704
- Nordberg, E. see Bebek, C. 1-33191
- Nordberg, E. see Chadwick, K. 1-33192
- Nordberg, E. see Drews, G. 1-10229
- Nordby, H. see Bjerkkan, L. 1-41835
- Nordell, B. see Brahmé, A. 1-26995
- Norden, B. see Anderson, L. 1-7076
- Nord, H.L., van Duinen, R.J., Sargent, A.I., Fridlund, M., Aalders, J.W.G. HFE 2 and L 43—two cold far-infrared sources 1-54584
- Nord, H.L. see Fridlund, C.V.M. 1-22864
- Nord, H.L. see Sargent, A.I. 1-54592
- Nordholm, S. see Fressier, B.C. 1-21708
- Nordin, C.F., Jr. see Matalas, N.C. 1-54148
- Nordin, C.W. see Adams, R.O. 1-13105
- Nordine, C., El Hang Lee, Hurd, J.L. Spectral emittance of polycrystalline alumina 1-42558
- Nordio, P.L., Segre, U. Lineshape simulations in nonlinear EPR spectroscopy for spin probes undergoing jump diffusion 1-14945
- Nordland, W.A., Jr. see Miller, R.C. 1-3478
- Nordlander, E. see Brugge, B. 1-12138
- Nordman, J.E. see Houck, L.L. 1-47814
- Nordquist, P.E.R. see Klein, P.B. 1-8114
- Nordsieck, K.H. see Anderson, C.M. 1-49671
- Nordstrom, B. see Andersen, J. 1-36336
- Nordstrom, T.V. see Binder, A.E. 1-33015
- Nordwig, W. see Hofmann, C. 1-46486, 1-46487
- Norem, M.N. see Sumner, J.R. 1-18802
- Norenberg, W. Dissipative collision and compound-nucleus formation 1-45517
- Norenberg, W. Basic concepts in the description of collisions between heavy nuclei 1-50626
- Norenberg, W. Transport theory and doorway configuration in dissipative heavy-ion collisions 1-5063
- Norenberg, W. see Ayik, S. 1-721
- Norenberg, W. see Gobbi, A. 1-50628
- Norgaard-Nielsen, H.U., Jaergaard, P. The ultraviolet spectrum of the normal giant elliptical NGC 4472 1-40564
- Norgard, J.S., Meyer, N.I. National energy systems analysis for Denmark up to year 2030 1-35622
- Norgren, R. see Farrell, D.E. 1-4303
- Norian, K.H. Some thermally stimulated current spectra from CdSe thin film transistors 1-38863
- Norian, K.H., Edington, J.W. A device-oriented materials study of CdS and Cu_2S films in solar cells 1-35660
- Norian, P.E. see Kern, R.C. 1-10467
- Norkina, A.S. see Aizenberg, A.N. 1-31802
- Norlund Christensen, A. see Johansson, L.I. 1-42688
- Norman, A. Flow cytometry 1-27022
- Norman, A. see Callisen, H.H. 1-9026
- Norman, C.A. see Achterberg, A. 1-9453
- Norman, C.A. see Klinkhamer, F.R. 1-49865
- Norman, C.A. see Smith, M.D. 1-54624, 1-54625
- Norman, C.A. see Van Groningen, E. 1-13877
- Norman, D. see Jaeger, R. 1-20562
- Norman, D. see Stohr, J. 1-28915
- Norman, E.B. see Murphy, M.J. 1-14465
- Norman, J. Servo-hydraulics in materials testing. II 1-8494
- Norman, J.C. see McGee, M.G. 1-35917
- Norman, M., Ryder, G. Luna 24 ferrobasalt as a low-Mg primary melt 1-49545

- Norman, M.L., Wilson, J.R., Barton, R. A new calculation on rotating protostar collapse 1-9606
- Norman, R. *see* McLemore, D.R. 1-18869
- Norman, R. *see* Squires, N. 1-32136
- Norman, R.H. Use of the stress relaxation processability tester 1-53386
- Normand, C. *see* Velarde, M.G. 1-1973
- Normantas, E., Filipavicius, V. Transverse reluctance in strong nonquantizing magnetic field in semiconductors with closed isoenergetic surfaces 1-20779
- Normark, W.R. *see* Juteau, T. 1-27151
- Normark, W.R. *see* Lupton, J.E. 1-13489
- Noro, T. *see* Hatanaka, K. 1-33255
- Noro, T. *see* Sakaguchi, H. 1-50578
- Norrbj, J. *see* Bergier, A. 1-10275
- Norrrington, P.H. *see* Grant, I.P. 1-28881
- Norrrington, P.H. *see* McKenzie, B.J. 1-33402
- Norris, C. *see* Colbourne, D. 1-31312
- Norris, C.B. Effects of Zn-vapor heat treatments on the edge emission and deep-center luminescence of ZnTe 1-12589
- Norris, C.B. Further investigation of the 1.4-eV luminescence in solution-grown CdTe:In 1-43186
- Norris, C.B., Barnes, C.E. Cathodoluminescence studies of anomalous ion implantation defect introduction in lightly and heavily doped liquid phase epitaxial GaAs:Sn 1-39160
- Norris, C.G. *see* Springer, T.A. 1-31969
- Norris, D. *see* Grinter, R. 1-41532
- Norris, D.I.R. The relationship between oxygen thermomigration and defect structure in some non-stoichiometric oxides 1-2684
- Norris, D.M. *see* Jones, R.L. 1-45623
- Norris, D.M., Jr., McMaster, W.H., Landram, C.S., Quinones, D.F., Gong, E.Y., Macken, N.A. Computer calculations of air and steam blowdown suppression 1-824
- Norris, D.W. *see* Fritzsche, J.L. 1-41402
- Norris, E.B. Neutron dosimetry analysis of LACBWR surveillance capsules 1-18787
- Norris, J. The role of mixing and primordial abundance variations in 47 Tucanae and ω Centauri 1-27572
- Norris, J.R. *see* Thurnauer, M.C. 1-32098
- Norris, L.K., Fulp, R.O., Davis, W.R. Underlying fibre bundle structure of A(4) gauge theories 1-9911
- Norris, N.J. *see* Leiss, J.E. 1-10553
- Norris, P. Image processing for the ESA Faint Object Camera 1-27393
- Norris, R.P. The OH maser near the Herbig-Haro object GGD37 1-13841
- Norman, S.H. *see* Anderson, T.G. 1-38686
- Norskov, J.K., Houmoller, A., Johansson, P.K., Lundqvist, B.I. Adsorption and dissociation of H₂ on Mg surfaces 1-42633
- Norstrom, H. The electrical characteristics of RF magnetron and non-magnetron planar systems 1-2172
- Norstrom, H., Olaison, R. A simple and inexpensive method of measuring medium pressure 1-278
- Norstrom, H., Olaison, R., Berg, S., Andersson, L.P. Application of the Langmuir probe in sputtering techniques 1-39238
- North, E.D. *see* White, J.R. 1-18860
- North, G.R. *see* Salmun, H. 1-49378
- North, L.B. *see* Haus, A.G. 1-26998
- North, M.H. *see* Fish, G.E. 1-38979
- North, W.J. Biomass from marine macroscopic plants 1-13113
- Northcote, D.H. *see* Wilkinson, M.J. 1-386
- Northcott, D.J. *see* Dalal, N.S. 1-2615
- Northcutt, K.J. *see* Dickens, J.K. 1-45548
- Northey, K.R. *see* Beckmann, P.A. 1-21059
- Northolt, M.G. Tensile deformation of poly(p-phenylene terephthalamide) fibres, an experimental and theoretical analysis 1-25356
- Northrop, D.C. *see* Cumberbatch, T.J. 1-13143
- Northrop, G.A., Wolfe, J.P. Ballistic phonon imaging in germanium 1-34439
- Northrop, G.A. *see* Wolfe, J.P. 1-16237, 1-47491
- Northrop, T.G., Opp, A.G., Wolfe, J.H. Pioneer 11 Saturn encounter 1-40307
- Northrop, T.G., Thomsen, M.F. Theory of scan plane flux anisotropies 1-40308
- Northrop, T.G. *see* Thomsen, M.F. 1-40390
- Northrup, C.J.M., Jr., Heckes, A.A. A hydrogen-actuated pump 1-21928
- Northrup, J.E., Cohen, M.L. Electronic structure of the rotation twin stacking fault in β -ZnS 1-52523
- Northrup, J.E., Ihm, J., Cohen, M.L. Electronic structure of zinc-blende-wurtzite interfaces: ZnS-ZnS (111-0001) and ZnSe-ZnSe (111-0001) 1-3040
- Northrup, S.H., Hynes, J.T. The stable states picture of chemical reactions. I. Formulation for rate constants and initial condition effects 1-8552
- Northrup, S.H., Pear, M.R., McCammon, J.A., Karplus, M., Takano, T. Internal mobility of ferrocyclochromes 1-8805
- Northrup, S.H. *see* Pear, M.R. 1-24300
- Northwood, D.O., Dosen, K. A metallographic study of abnormal grain growth during aging of a β -quenched Zr-1.14 wt.% Cr-0.08 wt.% Fe alloy 1-3796
- Northwood, D.O., Lim, D.T.H. A TEM metallographic study of hydrides in a Zr-2.5 wt.% Nb alloy 1-45596
- Norton, A. *see* Calveti, M. 1-14778
- Norton, C.C., Mosher, F.R., Hinton, B., Martin, D.W., Sante, D., Kuhlow, W. A model for calculating desert aerosol turbidity over the oceans from geostationary satellite data 1-22490
- Norton, E.T. *see* Howells, E. 1-37698
- Norton, P.R. *see* Allkofer, O.C. 1-45773
- Norton, P.R. *see* Aubert, J.J. 1-5630
- Norton, R.E. On the equations of state in quantum statistical mechanics 1-36562
- Norton, R.E. *see* Rawson, E.G. 1-11127
- Norton, R.H. *see* Breckinridge, J.B. 1-36730
- Norton, S.J., Linzer, M. Ultrasonic reflectivity imaging in three dimensions: exact inverse scattering solutions for plane, cylindrical, and spherical apertures 1-51656
- Norton, S.J. *see* Dobie, R.A. 1-17404
- Norton, S.J. *see* Higgins, F.P. 1-11270
- Norton, S.J. *see* Sato, T. 1-40909
- Norum, B. *see* Kelly, J. 1-28388
- Norum, B. *see* Rad, F.N. 1-23646
- Norvaisas, E. *see* Alisauskas, S.I. 1-18578
- Norvell, V.E. *see* Mamantov, G. 1-8629
- Norwicz, J. *see* Kolenda, Z. 1-4129
- Norwood, C.B. *see* Dimock, C.W. 1-53714
- Norwood, C.J., Cubitt, N.J., Downs, B. A note on the equations of motion for the transverse vibration of a Timoshenko beam subjected to an axial force 1-6816
- Nosachev, Yu.F. *see* Nemoshkalenko, V.V. 1-35122
- Nosanow, L.H. Quantum theorem of corresponding states and spin-polarized quantum systems 1-164
- Nosanow, L.H. *see* Yuan, J.M. 1-31852
- Nose, H. *see* Maruyama, H. 1-47906
- Nose, M. *see* Inoue, A. 1-35353
- Nose, M. *see* Masumoto, T. 1-25905
- Nose, M. *see* Ohnuma, S. 1-12283
- Nose, M. *see* Shirakawa, K. 1-7926
- Nose, M. *see* Yokota, M. 1-2708
- Nose, S., Ozaki, Y., Maki, K., Kataoka, Y. Rotational tunneling of methane on the surface of graphite 1-7453
- Nose, T. *see* Chu, B. 1-38244
- Nose, Y. *see* Watanabe, Y. 1-53840
- Nosenko, N.I., Sysoev, N.N., Shugaev, F.V. Initial stage of reflection of a plane shock wave from a cylinder, sphere, and ellipsoid of revolution 1-51810
- Noshkin, V.E. *see* Bowen, V.T. 1-9180
- Noskin, A.B. *see* Baganov, V.I. 1-49147
- Noskin, V.A. *see* Andreev, V.N. 1-16324
- Noskin, V.A. *see* Braginskaya, T.G. 1-41587
- Noskov, B.N. The effect of the atmosphere on the motion of an artificial Earth satellite 1-22562
- Noskov, D.A. *see* Il'yushkin, V.A. 1-29205
- Noskova, L.M. *see* Davydov, A.B. 1-38905
- Noskova, L.M. *see* Ugodnikova, L.A. 1-12265
- Noskova, M.A. *see* Galitskarov, Sh.A. 1-14111
- Noskova, N.I. *see* Morozova, V.M. 1-31690
- Noskova, R.I. Spectrum of the planetary nebula Hu 2-1=VV 208 in the red and in the near infrared 1-27576
- Nosmas, J.-C. *see* Candelpergher, B. 1-32861
- Noso, K. *see* Kobatake, H. 1-37721
- Nosov, V.V. *see* Mironov, V.L. 1-33621
- Nosova, G.I., Polyakova, N.A. Dislocation structure and strength characteristics of single crystals of ordered Ni₃Cr alloy 1-25273
- Nosova, G.I., Polyakova, N.A. Constitution, mechanical properties, and dislocation structure of a Ni-Mo-Fe alloy 1-31528
- Nosova, G.I., Polyakova, N.A. Temperature dependence of critical shear stresses of the ordering alloy Ni₃Mn 1-43424
- Nosseir, A., El-Debeiky, S., Hashad, I.F., A-Bary, H. Effect of temperature on the breakdown probability of liquid dielectrics 1-21126
- Nosui, K. *see* Watanabe, R. 1-11166, 1-37629
- Nosyrev, D.Ya. *see* Daniil'chenko, V.P. 1-6851, 1-15549
- Nosttiziuz, Z. *see* Olah, K. 1-32075
- Notari, C. Remarks on the resonance integral calculation 1-36982
- Notaristefani, F. *see* *see* De Notaristefani, F. Notaristefani, F. *see* De Notaristefani, F. Notis, M.R. *see* Bender, B. 1-26469
- Notkin, A.B. *see* Pol'kin, I.S. 1-16819
- Notley, M.J.F. *see* Hastings, I.J. 1-23776
- Notni, P. Search and photographic photometry of ultraviolet excess objects in the region of the 5C1 radio survey 1-4990
- Notni, P. *see* Bronkalla, W. 1-49815
- Notsu, K. *see* Wakita, H. 1-49228
- Nottale, L. *see* Balkowski, C. 1-40568
- Notter, G. *see* Lindskog, B.A. 1-53858
- Notz, D. *see* Brandelick, R. 1-23510, 1-23527, 1-50411
- Notz, D. *see* Chabaud, V. 1-50468
- Notz, D. *see* Chabaud, V. 1-10392
- Notz, D. *see* Gorlich, L. 1-5656
- Nouailhat, A., Guillot, G., Vincent, G., Baldy, M., Chantre, A. Analysis of defect states by transient capacitance methods in proton bombarded gallium arsenide at 300K and 77K 1-30671
- Nouailhat, A. *see* Van Khien, T. 1-38724, 1-38725
- Nouchi, G., Kottis, Ph. Recent advances in the interaction of radiation with matter in ordered molecular solids 1-21154
- Nouel, F., Gambis, D. Very first results of the MEDOC experiment 1-44092
- Nouet, G., Delavignette, P. Rigid body translation in the {211} twin of the BCC structure 1-25292
- Nouet, G., Vicens, J., Delavignette, P. Domain structures associated with the twinned phases V₂N and V₄N 1-38383
- Nouet, G. *see* Hagege, S. 1-20222
- Nouet, J., Pannetier, J., Fourquet, J.L. The room-temperature structure of potassium tetrafluoroaluminate 1-34297
- Nouet, P. *see* Hagege, S. 1-25291
- Noufi, R., Tench, D., Warren, L.F. Protection of n-GaAs photoanodes with photoelectrochemically generated polypyrrole films 1-21735
- Noufi, R., Tench, D., Warren, L.F. Stabilization of n-CdSe photoanodes in nonaqueous Fe(CN)₆^{3-/4-} electrolytes 1-35542
- Nougier, J.P. Noise and diffusion of hot carriers (in semiconductor) 1-16325
- Nouh, M. *see* Carre, M. 1-51280
- Nour, E.M. *see* Hester, R.E. 1-43115, 1-48077, 1-48078
- Noura, T. *see* Sekimoto, H. 1-28695
- Nourmohammadi, K. *see* Jain, P.K. 1-14577
- Nousek, J.A., Cordova, F.A., Garmire, G.P. Two fast soft X-ray transients at high galactic latitude 1-49856
- Nousek, J.A. *see* Fried, P.M. 1-49755
- Novachinskii, M.S. *see* Vitvitskii, V.I. 1-26706
- Novack, D. *see* Dopke, K. 1-35882
- Novaco, A.D. Theory of the structure and lattice dynamics of incommensurate solids: A classical treatment 1-7268
- Novailhat, A. *see* Bremond, G. 1-34649
- Novais, H. *see* Alcaeer, L. 1-11740
- Novak, A. The present and perspective of laser use in biomedical fields of the Czechoslovak health services 1-32221
- Novak, A. *see* Goypiro, A. 1-21193
- Novak, D. *see* Aray, Z. 1-23937, 1-28414
- Novak, J. *see* Pollert, E. 1-21433
- Novak, L. *see* Potocky, L. 1-47901
- Novak, M., Hamersky, M. Creep behaviour of Zr+4.5%Sn+1%Mo in 300K-750K temperature range 1-53230
- Novak, M. *see* Grigoryan, Yu.I. 1-38082
- Novak, M.M. Comments on 'About the equivalence of Abraham's and Minkowski's electro-dynamics' 1-61
- Novak, M.M. *see* Hincley, S. 1-42422
- Novak, P., Nekvasil, V., Egami, T., Flanders, P.J., Gyorgy, E.M., Van Uiter, L.G., Grodkiewicz, W.H. Field induced magnetic moment and anisotropy of HoAG and TbAG 1-34876
- Novak, P. *see* Krupicka, S. 1-47878
- Novak, P.Ya. *see* Volkov, V.L. 1-53180
- Novak, R.E., Kim, K.M. Dislocations in {1012} sapphire ribbons grown by the EFG process 1-2360
- Novak, V., Sestak, B., Kadeckova, S. Influence of silicon addition on slip line pattern of iron single crystals 1-11769
- Novak, V. *see* Bucki, M. 1-12762
- Novakov, E.P., Arnaudova, R.D., Dimitrova, M.I. Microprocessor analyzer of cardiostimulating impulses 1-49158
- Novakovskaya, L.A. *see* Magomeda, N.S. 1-7159
- Novarini, J.C. *see* Medwin, H. 1-37669
- Novaro, M. *see* Andre, M. 1-51469
- Novaro, O., Cruz, S., Castillo, S., Kolos, W., Les, A. Theoretical study of hydrogen-bonded trimers. Three-body nonadditive interactions between ammonia molecules 1-46049
- Novaro, O. *see* Garcia-Prieto, J. 1-7452, 1-28866
- Novazzi, P. *see* Bonisio, G. 1-11068
- Novello, M., Duarte De Oliveira, J. On dual properties of the Weyl tensor 1-44795
- Nover, G., Schubert, K. The crystal structure of NiZn₂r 1-20127
- Nover, G., Schubert, K. Crystal structure of Ni₁₁Ga₂Ge₃ 1-38334
- Nover, M., Weis, O. Quantitative detection of intense thermal phonon pulses using superconducting tunnel junctions 1-15976
- Novick, V.J. *see* Baker, J.D. 1-28411
- Novik, F.T. *see* Ageeva, E.D. 1-3784
- Novik, K.M. *see* Budnikov, V.N. 1-24938
- Novik, V.K. *see* Gavrilova, N.D. 1-31098
- Novikas, V.I. *see* Gorshkov, V.A. 1-11192
- Novikoff, D. *see* Antreasyan, D. 1-10287
- Novikov, A.G., Zelenov, Yu.V. An application of influence functions of the linear hereditary theory to the description of nonlinear effects in polymers 1-46683
- Novikov, A.G. *see* Zelenov, Yu.V. 1-16995

- Novikov, A.I. see Voitovskii, V.K. 1-51023
 Novikov, A.P. see Bessonov, V.I. 1-44906
 Novikov, B.V. see Anokhin, S.B. 1-25645
 Novikov, I.D., Polnarev, A.G. The hydrodynamics of primordial black hole formation: dependence on the equation of state 1-13799
 Novikov, I.D., Polnarev, A.G. Primary black holes 1-13897
 Novikov, I.I., Kantor, M.M., Yermishkin, V.A., Plastinin, V.M., Timofeev, V.N. Dynamic aspects of dislocation behaviour near low-angle boundary in molybdenum single crystals 1-2449
 Novikov, I.I., Lepeshkin, Y.D., Bojarski, S.V., Roschupkin, V.V., Semashko, N.G., Fordejeva, L.K. On the role of vacancies in structural transformations in metals 1-2620
 Novikov, I.I., Yermishkin, V.A., Kantor, M.M., Timofeev, V.N. The free surface effect on the dislocation mobility in molybdenum single crystals 1-2450
 Novikov, I.I. see Aleksandrov, V.V. 1-50125
 Novikov, I.I. see Goncharov, V.G. 1-47255
 Novikov, M.A., Novikov, V.P. Acoustooptic circular dichroism 1-28074
 Novikov, M.A. see Grazhdankina, N.P. 1-30942
 Novikov, M.N. see Azovskii, Yu.S. 1-2224
 Novikov, N.N., Pustolina, S.R., Solov'ev, B.M., Piskareva, N.M., Tolok, V.K. Use of composite ceramic-aluminum-nickel powders for the application of coatings 1-21638
 Novikov, N.N. see Fedorov, V.G. 1-12741
 Novikov, N.N. see Kozol, F. 1-34350
 Novikov, N.P. The influence of foreign absorbing inclusions on the process of laser destruction of the polymer merlon 1-30276
 Novikov, N.P. The dependence of polymethylmethacrylate under-threshold glow on uniform specimen compression 1-39165
 Novikov, N.V., Maystrenko, A.L. Determination of plastic strains and the rate of strain energy dissipation in thin cracked plates 1-47152
 Novikov, N.V., Ul'yanenko, A.P., Gorodyskii, N.I. Consideration of thermal strengthening in calculating allowable stresses 1-39389
 Novikov, S.A. see Budrenko, S.I. 1-41977
 Novikov, S.A. see Kashava, Yu.G. 1-31805
 Novikov, S.A. see Lushpa, V.A. 1-35379
 Novikov, S.A. see Imenov, A.B. 1-50153
 Novikov, S.P. see Godgovd, K.N. 1-2696
 Novikov, S.P. A method of solving the periodic problem for the KdV equation and its generalization 1-36511
 Novikov, S.P. see Dubrovina, B.A. 1-5546
 Novikov, S.S. see Kudryavtsev, N.N. 1-10983, 1-37210, 1-44920
 Novikov, V.A., Shifman, M.A., Vainshtein, A.I., Zakharov, V.I. Operator expansion in quantum chromodynamics beyond perturbation theory 1-10142
 Novikov, V.A. see Lebedev, A.T. 1-24664
 Novikov, V.A. see Vainshtein, A.I. 1-36829
 Novikov, V.M., Blinkin, V.L. Efficiency of nuclear-fuel utilization by molten-salt converter reactors 1-23767
 Novikov, V.M., Shikhov, S.B., Romodanov, V.L., Zagryadskii, V.A., Chuvilin, D.Yu. Experimental investigation of effect of lead and bismuth multiplication zones on neutron parameters of model of liquid-salt blanket of thermonuclear reactor 1-10525
 Novikov, V.M. see Davydov, A.V. 1-26082
 Novikov, V.N. see Bessarab, A.V. 1-42189
 Novikov, V.P., Kachur, I.S., Eremenko, V.V. Peculiarities of exciton-magnon light absorption by antiferromagnetic CsMnCl₂·2H₂O due to dimensionality of its magnetic structure 1-48038
 Novikov, V.P. see Alkhanov, S.G. 1-33023
 Novikov, V.P. see Novikov, M.A. 1-28074
 Novikov, V.P. see Dul'nev, G.N. 1-12159, 1-16037
 Novikov, V.Ya. Formation of a panoramic tomographic image 1-39991
 Novikov, V.Yu. Conditions of development of secondary recrystallization in materials with strong preferential orientation 1-8326
 Novikov, Yu.A. see Ishkhanov, B.S. 1-5703, 1-18642, 1-36947, 1-41101, 1-50569
 Novikov, Yu.A. see Kuznetsov, Yu.V. 1-37031, 1-51003
 Novikov, Yu.N. see Alkhozov, G.D. 1-45464
 Novikov, Yu.N. see Nefed'ev, A.V. 1-7147
 Novikov, Yu.P., Kopytenko, Yu.A., Raspopov, O.M., Bosinger, T., Kangas, J., Ranta, H. Simultaneous maxima of geomagnetic pulsations and riometer absorption on the afternoon side of the auroral zone 1-4720
 Novikova, E.A. see Rokhak, A.G. 1-37075
 Novikova, G.M. see Andreev, S.I. 1-29942
 Novikova, G.P. Agreement between theory and experimental results in the Vavilov-Cerenkov effect 1-1471
 Novikova, G.Yu. see Barabanov, I.R. 1-671
 Novikova, G.Yu. see Popandopulo, A.N. 1-8321
 Novikova, I.B. see Kortikov, N.N. 1-19768
 Novikova, I.G., Startsev, V.I., Berezutskii, N.N. Structural changes in aluminium single crystals resulting from multiple deformation to yield point 1-34351
 Novikova, N.N., Putenikhina, A.V. Determination of nickel and chromium with the vacuum quantumometer Polivak E-600 1-53510
 Novikova, O.A., Subbotina, M.I., Chertorizhskii, K.V. Effect of corrosive agents and temperature on the physicochemical properties of a polycarbonate 1-26646
 Novikova, V.V. see Markelova, L.P. 1-11563
 Novion, C.H. De see De Novion, C.H.
 Novitskii, M.A. Influence of stratification on diffusion of a cloud of pollutants in the planetary boundary layer 1-53733
 Novits'kii, V.G. see Gurevich, M.Yu. 1-38642
 Novitskij, V.V. see Danilyan, G.V. 1-50678
 Novo, G. see Zanella, G. 1-32955
 Novogrudskii, L.S. see Lebedev, A.A. 1-31623
 Novopashin, A.A., Seregin, N.N. Calculation of the thermal-expansion coefficient of silicate glasses from their structure-energy characteristics 1-16071
 Novosadov, B.K. see Baranov, V.I. 1-28957
 Novosadov, V.V. see Andrianova, V.G. 1-25071
 Novoseller, D.E. Multichannel resonance parameterization in the presence of an inelastic background 1-23520
 Novoselov, V.S. On construction of an analytical theory of the optimisation of the two-impulse transfer taking into account the first order perturbations of the oblateness of a planet 1-54352
 Novoselova, A.V. see Andryushenko, E.D. 1-8217, 1-8218
 Novoselova, A.V. see Gas'kov, A.M. 1-42513
 Novoselova, A.V. see Kompanets, I.N. 1-34806
 Novotny, B. Edge effects in theory of thin layered shells 1-9835
 Novotny, B. On geometrically nonlinear theory of thin composite shells and plates of variable thickness 1-33892
 Novotny, J. see Moravec, F. 1-53111
 Novozhilov, A.F. see Zlomanov, V.P. 1-16021
 Novozhilov, A.I., Leonyuk, N.I., Terekhova, V.M., Samoilovich, M.I. ESR of Pb²⁺ in synthetic VAl₂(BO₃)₄ crystal 1-7935
 Novozhilov, A.I. see Avesov, A.D. 1-20274
 Novozhilov, V.I. see Chernyi, F.B. 1-24979
 Novozhilov, V.I. see Krokham'nikov, Ye.B. 1-22578
 Novozhilov, V.V. see Kadashевич, Yu.I. 1-15416
 Nowack, S. Quantity prototypic production of plastics components 1-21413
 Nowack, W.J. see Theodoridis, G.C. 1-32104
 Nowaira, N.H. see Morris, F. 1-49088
 Nowaira, N.H.A. see Firth, L.D. 1-38759
 Nowak, A.V. see Newmann, B.E. 1-29314
 Nowak, E. see Neumann, H. 1-38690
 Nowak, E.J., Rosenberg, L., Spruch, L. Method for phaseshift analysis of e⁻-atom elastic scattering 1-1370
 Nowak, J. Tolerances of the hologram reconstructing beam 1-6509
 Nowak, J. Third-order aberrations of holograms 1-19290
 Nowak, M. see Kidawa, A. 1-26398
 Nowak, M. see Konczak, S. 1-52604
 Nowak, U. see Richter, W. 1-47517
 Nowak, Z., Czarnacki, M. Investigation of the thermal shrinkage of polymers and their mixtures with a thermoblock in which the temperature gradient was linear 1-2604
 Nowak, Z. see Gryglaszewski, P. 1-24812
 Nowakow, P. see Pawlow, M. 1-39303
 Nowick, W. see Weissmantel, C. 1-12671
 Nowicka, E. see Stepien, B. 1-21353
 Nowicki, A., Reid, J.M. An infinite gate pulse Doppler 1-53845
 Nowicki, L. see Borderie, B. 1-23703
 Nowicki, R.S. The RF diode co-deposition of refractory metal silicides 1-31349
 Nowicki, R.S. Origins and minimization of defects in sputtered thin films 1-47412
 Nowik, I. see Felner, I. 1-30985
 Nowik, I. see Seh, M. 1-47924
 Nowikow, C.V. see Browett, R.J. 1-1337
 Nowitzki, J. see Schafer, H. 1-35572
 Nowogrocki, G. see Jolibois, B. 1-15844
 Nowogroch, H. see Rice, S.L. 1-21593
 Nowotny, H. see Rogl, P. 1-25237
 Nowotny, H. see Schuster, J.C. 1-39317
 Nowotny, H. see Steurer, W. 1-34312
 Nowotny, J., Oblakowski, J., Sadowski, A., Wagner, J.B., Jr. Reequilibrium kinetics of NiO-Cr₂O₃ solid solutions 1-3956
 Noy, D.J.M. see Girdler, R.W. 1-13451
 Noya, H., Ohnishi, H., Tanifuji, M. Effects of imaginary potentials on the vector analyzing power in elastic scattering of polarized deuterons 1-18632
 Noyes, H.P. Zero range scattering theory 1-28390
 Noyes, R.C. see Hellens, R.L. 1-757
 Noyes, R.W. see Kohl, J.L. 1-22753
 Noyes, R.W. see Machado, M.E. 1-44517
 Noz, M.E. see Hussar, P.E. 1-27700, 1-27701
 Nozaki, A. see Daiguji, H. 1-24835
 Nozaki, H. see Fujimori, A. 1-21069
 Nozaki, K. Excitation of magnetostatic mode by drift Alfvén waves 1-38084
 Nozaki, K. Vortex solitons of drift waves and anomalous diffusion 1-46881
 Nozaki, M. see Bartel, W. 1-45254
 Nozaki, T. see Bartel, W. 1-18500, 1-45253, 1-45254
 Nozaki, T. see Drumm, H. 1-14762
 Nozaki, T. see Ito, T. 1-16920, 1-26121
 Nozaki, T. see Olsson, J. 1-14769
 Nozaki, T. see O'Neill, L.H., Jr. 1-50443
 Nozaki, Y., Turekian, K.K., Von Damm, K. ²¹⁰Pb in GEOSecs water profiles from the North Pacific 1-4531
 Nozato, R., Ishihara, S. Calorimetric study of precipitation process in Al-Mg alloys 1-12749
 Nozato, R., Izawa, H., Tsubakino, H. Early stage of low-temperature ageing in an Al-1.7 mass% Li alloy 1-26508
 Nozato, R. see Tsubakino, H. 1-26452, 1-31461
 Nozawa, K. see Matsushima, S. 1-53198
 Nozawa, T. see Minemoto, T. 1-41642
 Nozawa, T. see Sakaguchi, M. 1-11857
 Nozawa, Y. see Inoko, Y. 1-7084
 Nozdrachev, M.G. see Azovskii, Yu.S. 1-2224
 Nozette, S. see Allen, J.S. 1-22744
 Nozhkin, A.D., Boldyrev, M.V. Riphean volcanism, tectonic zoning and metallogeny of the Yenisei Range 1-54036
 Nozieres, P. Phase transitions in a spin polarized fluid: thermal equilibrium and kinetic phenomena 1-2754
 Nozik, A.J. Photoelectrochemistry: applications to solar energy conversion 1-13018
 Nozik, A.J. see Turner, J.A. 1-4097
 Nozoe, Y. see Ohtsuka, Y. 1-15073
 Nozue, A., Kishi, T., Horiuchi, R. An evaluation of micro-energy release rate, G_{micro}^G, using AE technique 1-53260
 Nozue, Y., Ueta, M. Excitonic polarization dispersion in CuBr determined by resonant Raman scattering under two-photon excitation of excitonic molecules 1-35043
 Nozue, Y. see Sotome, K. 1-30645
 Ntsakirutinka, C. see Kalos, F. 1-21924
 Ntsila, A. see Guedalia, D. 1-44326
 Nubbemeyer, H. Experimental ion contribution to the Stark broadening of neutral-nitrogen spectral lines in the vacuum UV 1-1169
 Nubbemeyer, H., Wende, B. Optical properties of a 5 m Echelle vacuum spectrometer with an approximately diffraction-limited resolving power in the order of 10⁶ 1-18308
 Nucio, P.M. see Carapezza, M. 1-32385
 Nudelman, S. see Frost, M.M. 1-43972
 Nuding, E., Willich, C. Monte-Carlo calculation of a Knudsen gas 1-37972
 Nuding, W. see Will, G. 1-21529, 1-29999
 Nuehauer, H. Dynamical effects in deformation 1-30306
 Nuemann, H., Kuhn, G., Schumann, B. Adamant-ternary epitaxial layers 1-42650
 Nuesch, D.R. see Holmes, Q.A. 1-13615
 Nuese, C.J., Pankov, J.I. Light-emitting diodes - LEDs 1-26278
 Nuetzel, J. see Rabinowitz, W.M. 1-13254
 Nuhrenberg, J. see Lortz, D. 1-51880
 Nui, K. see Abe, T. 1-11528
 Nukui, A., Yamaoka, S., Nakazawa, H. Pressure-induced phase transitions in tridymite 1-47224
 Null, G.W. see Hubbard, W.B. 1-40406
 Nullens, H. De Roy, G., Van Espen, P., Adams, F., Vansant, E.F. New possibilities for least-squares fitting of Mossbauer spectra 1-47980
 Nulsen, P.E.J. see Fabian, A.C. 1-9670
 Numata, T. see Shibata, T.A. 1-37040
 Numata, T., Ohbuchi, Y., Sakurai, Y. Stripe domain control in garnet films 1-11077
 Numata, T. see Ogushi, T. 1-16396, 1-16397
 Nummedal, K. Wide-field imagers - pushbroom or whiskbroom scanners 1-24515
 Nunamaker, T.A., Heisterberg, R.H., Mo, L.W. An electromagnetic shower detector using proportional wire chambers with cathode plane delay-line readout 1-10609
 Nundy, U., Shikarkhane, N.S., Chatterjee, U.K. Measurement of recombination coefficient in a transverse electric atmospheric CO₂ laser gas discharge 1-46281
 Nunes, F.D. see Mendoza-Alvarez, J.G. 1-3347
 Nunes, F.D. see Morosini, M.B.Z. 1-6556
 Nunes, G.S.S. see Mohana Rao, N.J. 1-22450
 Nunes Da Ponte see Albuquerque, G.M.N. 1-18241
 Nunes Da Ponte, M. see Albuquerque, G.M.N. 1-38422
 Nunez, A. see Moreno-Diaz, R. 1-17385
 Nunez, P.L. A study of origins of the time dependencies of scalp EEG. I. Theoretical basis 1-53775
 Nunez, P.L. A study of origins of the time dependencies of scalp EEG. II. Experimental support of theory 1-53776
 Nunn, J.A. see Sleep, N.H. 1-13440
 Nunnally, W.C., Hudgings, D.W., Sarjeant, W.J. Fast-extraction modulators for Los Alamos Scientific Laboratory Proton Storage Ring 1-28763

- Nunoi, T., Mishimura, N., Nammori, T., Sawai, H., Suzuki, A. High performance BSF silicon solar cell with fire through contacts printed on AR coating 1-4188
- Nunuparov, M.S. see Elesin, V.F. 1-42691
- Nunz, G.J. Hot dry rock geothermal energy 1-43741
- Nunziante Cesaro, S. see Bencivenni, L. 1-1227
- Nunziante Cesaro, S. see Maltese, M. 1-3388
- Nunziante Cesaro, S. see Nencivenni, L. 1-1228
- Nunziato, J.W., Passman, S.L., Thomas, J.P., Jr. Gravitational flows of granular materials with incompressible grains 1-2081
- Nunziato, J.W., Walsh, E.K. On ideal multiphase mixtures with chemical reactions and diffusion 1-2060
- Nuon, B. see Ramakrishnan, S. 1-7020
- Nur, A. see Ben-Avraham, Z. 1-9139
- Nuraliev, B.T. see Krat, V.A. 1-9458
- Nurgaliev, T.Kh., Moskalov, V.V. The effect of inhomogeneity of enhancement factor in ordered materials on nuclear spin echo properties 1-43034
- Nurgozhin, N. see Bartke, E. 1-5664
- Nurgozhin, N.N., Akhmedov, B.N., Dautletbakov, A.I., Musulmanbekov, Zh.Zh. Wire-electrode track spark chamber of area 11 m² 1-1008
- Nurgozhin, N.N. see Aksinenko, V.D. 1-18662
- Nuriev, B.R. see Rakhmatulin, Kh.A. 1-38619
- Nurieva, Z.D. see Mamedov, K.P. 1-52277
- Nurishi, Y. see Nakayama, K. 1-31405
- Nuritdinov, S.N. Nonlinear traveling waves of star density in a model of a homogeneous medium. II. Thin layer 1-36400
- Nurmagametov, A. see Nersesov, I.L. 1-22247
- Nurmagametov, S.B. see Arefev, V.P. 1-12598
- Nurmia, M. see Hoffman, D. 1-5810
- Nurmia, M.J. see Nitschke, J.M. 1-36971
- Nurmikko, A.V., Schwartz, D.B. Picosecond spectroscopy of highly excited electronic states in narrow gap semiconductors 1-52494
- Nurmukhametov, R.N. see Azarov, V.Yu. 1-33495
- Nurtdinov, N.R. see Barinova, E.Yu. 1-3496
- Nurtdinov, N.R. see Stegmann, R. 1-26266
- Nurtdinova, O.P. see Barinova, E.Yu. 1-3496
- Nuryshev, S. see Fidecaro, G. 1-591
- Nuryev, S. see Dovletov, K. 1-47308
- Nuryski, J. see Clark, P.D. 1-18555, 1-41059
- Nusinovich, G.S. see Ginzburg, N.S. 1-15134
- Nussbaum, C. see Chatelain, P. 1-28480
- Nussbaum, C. see Foroughi, F. 1-5779, 1-28339
- Nussbaum, G.H. see Bahman Emami 1-53761
- Nussbaum, M. see Hanna, D. 1-41015
- Nussbaum, M. see Irlon, J. 1-50475
- Nussbaumer, H., Storey, P.J. Atomic data for Fe II 1-4756
- Nussenzeig, H.M. Causality and analyticity in optics 1-41558
- Nussenzeig, H.M., Wiscombe, W.J. Forward optical glory 1-6470
- Nussenzeig, H.M., Wiscombe, W.J. Efficiency factors in Mie scattering 1-6471
- Nussenzeig, H.M. see Davidovich, L. 1-14849
- Nusser, H. see Wagner, M. 1-15984
- Nussinov, S. 1/N interpretation of the α expansion in composite models 1-23476
- Nussinov, S. see Katznelson, E. 1-23508
- Nussinov, S. see Kuhn, J.H. 1-552
- Nussler, H.D., Kubaschewski, O. The heat capacities of four silons between 900K and 1650K 1-25452
- Nussler, H.-D. see Gallagher, R. 1-42514
- Nussupov, K.Kh. see Akhmetov, M.A. 1-2487
- Nutbeam, A.R. see Williams, W.P. 1-21996
- Nutman, A. see Griffin, W.L. 1-13420
- Nuton, D.H., Harris, S.J., Doust, C.E. The energy dependence of W in argon/methane gas for 300 keV to 1.8 MeV protons 1-46847
- Nutti, G.F. see Orr, B.J. 1-41378
- Nutti, R., Mathis, M.V., Rizzie, J.W., Swain, W.T. System approach to in-plant radiation monitoring 1-28720
- Nuttall, D.E. see Pocock, D.N. 1-5380
- Nuttall, E. see Pocock, D.N. 1-5389
- Nuttall, R.H. An early microscope by John Benjamin Dancer of Manchester 1-49921
- Nuttall, R.H.D., Weil, J.A. Oxygen-17 hyperfine structure of trapped-hole center [AlO₄]⁻ in quartz 1-7947
- Nuttelman, R.A. see Degnan, J.H. 1-33024
- Nutting, J. see Onel, K. 1-53202
- Nuttelman, R.A., Degnan, J.H., Kiuttu, G.F., Reinovsky, R.E., Baker, W.L. Measurement of pulsed magnetic fields produced by flux compression in imploding liners 1-33014
- Nuttelman, R.A. see Reinovsky, R.E. 1-33087
- Nutton, D.H., Harris, S.J. Tissue equivalence in neutron dosimetry 1-27006
- Nuvolone, R. see Boiziau, C. 1-39207
- Nuzzo, S. see Erriques, O. 1-23490
- Nyavro, V.F. see Simakov, V.I. 1-52478
- Nydegger, P. see Wright, R.F. 1-17635
- Nyden, M.R. see Katriel, J. 1-45845
- Nye, A.H., Hollweg, J.V. Alfvén waves in sunspots 1-36251
- Nye, H.R. A general purpose computer program to assist in the system design of a solar array 1-43774
- Nye, R. see Millis, R.L. 1-54408
- Nye, V.A. Application to magnetohydrodynamic duct flows of a singular elliptic problem associated with a rectangle 1-29781
- Nyegaard, P. see Lovborg, L. 1-9124
- Nygaard, D.D., Gilbert, T.R. Emission line enhancement in a DC plasma 1-45023
- Nygaard, K. Electron ionization rates in electrical discharge lasers 1-37480
- Nygaard, K. see Crompton, R.W. 1-37343
- Nygaard, K.J., Brooks, H.L., Sierra, R.A., Foltyn, S.R. Lasers in energy research 1-33671
- Nygaard, K.J. see Brooks, H.L. 1-37342
- Nygaard, K.J. see Sierra, R.A. 1-38156
- Nygren, R.E. Considerations on experiments in FMIT 1-2530
- Nygren, T., Jalonen, L., Turunen, T. Anomalous multiple traces below f_E in high gain ionograms recorded at Sodankylä 1-49444
- Nyholm, R., Berndtsson, A., Martensson, N. Core level binding energies for the elements Hf to Bi (Z=72-83) 1-33557
- Nyholm, R.A. see Ermark, D.L. 1-39853
- Nyikos, L., Vertes, A., Schiller, R. Theoretical approach to charge transfer between molecules and their ions 1-15006
- Nyiri, J. Space structure of hadrons and soft processes 1-50404
- Nyland, E. see Margrave, G.F. 1-36067
- Nylund, O. see Becker, K.M. 1-28520
- Nyman, E.M. see Vento, V. 1-10178
- Nyman, G. see Azuma, R.E. 1-14498
- Nyman, G. see Kurciewicz, W. 1-50486
- Nyman, H., Hyde, B.G. The related structures of α -Mn, sodalite, Sb₂Tl₂, etc 1-34283
- Nyquist, D.P., Johnson, D.R., Hsu, S.V. Orthogonality and amplitude spectrum of radiation modes along open-boundary waveguides 1-37606
- Nyquist, D.P. see Karimullah, K. 1-22058
- Nystrom, B. see Roots, J. 1-38225
- Nystrom, G.U. see Mattison, E.M. 1-19312
- Nystrom, G.U. see Vessot, R.F.C. 1-27855
- Nystrom, P.A. see Farassat, F. 1-24596
- Nystrom, S.C. Thermal imaging systems utilizing pyroelectric detector arrays coupled with solid-state readout techniques 1-5402
- Nyuan Nguen Dang see Nguen Dang Nyuan
- Nyuan, H. see Kamal, M.R. 1-30441
- Nyung Lee Dong see Dong Nyung Lee
- Nyunka, V. see Balrameynas, R. 1-31193
- O., J. Rubio see Rubio O., J.
- Oak, H.D., Holter, G.M. Decommissioning a boiling water reactor nuclear power plant 1-28604
- Oakes, L.C. see Buhl, A.R. 1-10486
- Oakes, L.C. see Cain, D.G. 1-28649
- Oakey, W.E. see Spiegel, R.J. 1-17527
- Oakhum, G. see Aston, D. 1-50470
- Oana, Y. see Kotake, H. 1-34520
- Oatman, L.C., Anderson, B.W. Suppression of the auditory frequency following response during visual attention 1-17405
- Oba, J. see Owada, S. 1-33972
- Oba, N. see Mori, H. 1-21527
- Obara, H., Endoh, Y., Ishikawa, Y., Komatsu-bara, T. Magnetic phase transition of MnP under magnetic field 1-7831
- Obara, K. see Ogushi, T. 1-16397
- Obara, M., Suzuki, S., Ishibashi, Y., Fujioka, T. Strip-line multichannel-surface-spark-gap-type Marx generator for fast discharge lasers 1-33662
- Obara, M. see Arai, T. 1-46379
- Obara, M. see Fujimoto, H. 1-1556
- Obara, M. see Matsumoto, K. 1-11015
- Obara, M. see Saito, S. 1-37456
- Obara, M. see Watanabe, K. 1-19352, 1-41726
- Obara, S. see Kitaara, K. 1-37086
- Obara, S. see Osamura, Y. 1-1073
- Obase, H. see Tsuji, M. 1-10748
- Obata, T., Chiba, J. Interaction of a three-mass system with gravitational waves 1-140
- Obata, T. see Yamashina, T. 1-25584
- Obayashi, H. see Okamoto, H. 1-8640
- Obayashi, T., Tougou, H. Creeping flow of a slightly rarefied gas past two equal touching spheres 1-6877
- Obenschain, S.P., Lehmberg, R.H., Ripin, B.H. Beam nonuniformity effects on laser ablatively accelerated targets 1-38125
- Obenschain, S.P., McLean, E.A., Gold, S.H. Doppler velocimeter for laser accelerated targets 1-36636
- Obenschain, S.P. see McLean, E.A. 1-7004
- Obenschain, F.E. see Gavron, A. 1-33270
- Obenschain, F.E. see Young, G.R. 1-14534
- Oberacker, V. see Kruse, H. 1-23698
- Oberacker, V. see Muller, B. 1-14540
- Oberbeck, V. see Hayes, D. 1-36033
- Oberg, P.A. see Lovsund, P. 1-13232
- Oberg, P.A. see Nilsson, G.E. 1-8952
- Oberhammer, H. The gas phase molecular structure of carbonyl chlorofluoride, O=CFC1 1-24249
- Oberhammer, H., Gombler, W., Willner, H. On the geometry and internal rotation of XSCF₃ compounds (X=F, Cl and CF₃) 1-29140
- Oberhammer, H. see Christen, D. 1-1405
- Oberhammer, H. see Eujen, R. 1-45961
- Oberhammer, H. see Gebhardt, K.F. 1-45947
- Oberheuser, G. see Freund, F. 1-21718
- Oberhofer, M. Proposal of a teaching module on thermoluminescence dosimetry for technical universities 1-9793
- Oberhofer, M. see Guarducci, D. 1-41285
- Oberlander, B., Lillerud, K.-P. Structural development of magnesium alloys 1-48629
- Oberle, H.J. see Hennemuth, B. 1-22507
- Oberle, R. see Beck, H. 1-30042
- Oberlin, A. see Auguie, D. 1-42291
- Oberlin, G. Preview of the SÖCÖSE method for rough discharge estimation in small French catchments 1-49299
- Oberlin, J.C. see Stoquert, J.P. 1-28831
- Oberlin, M. see Auguie, D. 1-42291
- Obermair, G.M. see van der Heydt, I. 1-53780
- Obermeier, F. The influence of solid bodies on low Mach number vortex sound 1-24578
- Obermoeller, U. see Boehm, M. 1-53850
- Obermyer, R. see Pouranir, A. 1-26008
- Obernichina, L.F. see Kazatskaya, L.S. 1-43065
- Oberstar, J.D. see Baker, J.E. 1-30268
- Obeso, J.A., Marti-Masso, J.F., Carrera, N. Somatosensory evoked potentials: abnormalities with focal brain lesions remote from the primary sensorimotor area 1-4299
- Obi, K. see Ebata, T. 1-43648
- Obi, K. see Kasatani, K. 1-46047
- Obi, Y., Morita, H., Fujimori, H. Magnetic properties of amorphous Co-Mn-B alloys 1-12284
- Oibibok, M.V. see Rudnitskii, V.A. 1-48590
- Obiak, E.D. see Bokelmann, R.F. 1-790
- Oblakowski, J. see Nowotny, J. 1-3956
- Oblolina, T.I., Fedynsky, V.V. Seismic and gravity two-dimensional inhomogeneous model of the Earth's crust (on the example of central Kazakhstan) 1-22272
- Obmanuk, A.V. see Lozovoi, V.I. 1-7370
- Obnorskii, V.B. see Rogovoi, I.D. 1-36723
- Obodovskii, L.B. see Kosmodamianskii, O.S. 1-37827
- Obokata, T. see Nakajima, H. 1-11212
- Oboladze, N.S., Sazonova, U.I. Probabilities of magnetic dipole and electric quadrupole transitions for isoelectronic series of Li, Be, F 1-28924
- Obolashvili, E.I. Some generalizations of the plane theory of elasticity and their relation to the shell theory 1-6775
- Obolenskaya, L.N. see Givargizov, E.I. 1-34603
- Obolenskii, E.A. see Brytov, I.A. 1-18346
- Oboznenko, Yu.L. see Il'chenko, L.N. 1-37748
- Oboznii, V.A. see Batyunin, A.V. 1-40894
- Obrant, G.Z. see Dakhno, L.G. 1-40995
- Obraztsov, I.F., Rybakov, L.S., Lukashina, N.V. Discrete interaction of a plate and a rod 1-19654
- Obraztsov, V.F. see Dzheilyadin, R.I. 1-23503, 1-45369
- Obraztsov, V.F. see Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Obraztsova, E.I., Shkilyarchuk, F.M. Influence of geometric nonlinearity of shallow spherical bottom shell on longitudinal oscillations of liquid in a cylindrical tank 1-29712
- Obrecht, B., Rusch, P., Kopp, C., Healy, J.-C. Blood rheological spectroscopy 1-40030
- Obrecht, B. see Rusch, P. 1-35803
- Obrecht, M.S. see Gadiyak, G.V. 1-20320
- Obretenov, W. see Staikov, G. 1-42332
- Obrezkov, O.I. see Abugov, D.I. 1-29436
- O'Brien, A. see Mendez, R.H. 1-27583
- O'Brien, D. see Fegan, D.J. 1-9727
- O'Brien, E.E. see Kuo, Y.-Y. 1-51881
- O'Brien, E.J. see Yagi, N. 1-32090
- O'Brien, J.E. see Sparrow, E.M. 1-37918
- O'Brien, J.J. see Bakhtsh, C. 1-18596
- O'Brien, J.T. see Hoover, G.M. 1-27257
- O'Brien, K. The physics of radiation transport 1-18180
- O'Brien, K. The physics of electromagnetic cascade 1-18491
- O'Brien, K. Electron dosimetry using Monte Carlo techniques 1-18925
- O'Brien, K. see Yue, H. 1-17052
- O'Brien, M.C.M., Evangelou, S.N. The slow approach to a semi-classical absorption bandshape in certain Jahn-Teller systems 1-7570
- O'Brien, M.C.M. see Barentzen, H. 1-28890
- O'Brien, P.N.S. see Lucas, A.L. 1-9096
- O'Brien, R.E., Krieger, J.K. Approaches to low-level radioactive waste disposal 1-41198
- O'Brien, R.R. Comments on 'Depletion approximation analysis of the differential capacitance-voltage characteristics of an MOS structure with nonuniformly doped semiconductors' 1-7738

- O'Brien, T. see Bicher, H.I. 1-39889
- O'Brien, T.K., Reifsnider, K.L. A complete mechanical-property characterization of a single composite specimen 1-8374
- O'Brien, W.D., Jr., Olerud, J., Shung, K.K., Reid, J.M. Quantitative acoustical assessment of would maturation with acoustic microscopy 1-49082
- O'Brien, W.D., Jr. see Pohlhammer, J. 1-39960
- Obriot, J. see Kobashi, K. 1-39106
- Obriot, J. see Marteau, P. 1-39105
- Obritlik, K., Kucera, J. Magnetic diffusion anomaly in the Fe 17.6 at.% V alloy 1-16082
- Obst, B., Pattanayak, D., Hochstuhl, P. Structural effects in the superconductor NbTi65 1-35255
- Obsyanko, L.I. see Kalaidzhan, S.E. 1-21667
- Obu, M. Comparison of measured and calculated neutron spectra in fast critical assembly 1-18707
- Obukata, N. see Itagaki, H. 1-46006
- Obukhov, G.G., Chernyavskii, G.A., Yakovlev, I.A. Possibility for magnetotelluric studies of horizontally heterogeneous media with the application of normalization of impedance to the internal magnetic field 1-44109
- Obukhov, S.A., Rogachev, A.A., Rud', N.A. Circular polarization of the luminescence of p-type gallium arsenide in a magnetic field 1-52923
- Obukhov, S.P. see Nikomarov, E.S. 1-52047
- Obukhov, Yu.V. see Barsov, S.G. 1-16518
- Obushenko, I.M. see Eremenko, V.N. 1-16757, 1-31425
- Obyden, S.K., Saparin, G.V., Spivak, G.V. Observation of long persistence luminescent materials using colour TV SEM 1-26283
- Obynochy, A.A. see Pervukhin, V.V. 1-28887
- O'Caín, C.F., Dowling, N.B., Slutsky, A.S., Hensley, M.J., Strohl, K.P., McFadden, E.R., Jr., Ingram, R.H., Jr. Airway effects of respiratory heat loss in normal subjects 1-48965
- O'Callaghan, J.R. see Parkes, M.E. 1-36013
- O'Callaghan, P.W. see Hussein, M. 1-13151
- Ocampo, H., Levine, S.H., Sc-ultz, M.A. TRIGA subcritical experiments in support of the k_{∞} meter 1-50857
- Ocellli, R., Bacht, G., Moynault, J.M. Determination of the parameters of a spectral absorption subjected to pressure effects 1-10786
- Ocellli, R. see Montixi, G. 1-6923, 1-6924
- Ocellli, R. see Moynault, J.M. 1-24193
- Ocellli, R. see Moynault, J.M. 1-51245
- Ochaba, S. The geomagnetic field and its secular variation in Slovakia determined from magnetic survey and the International Geomagnetic Reference Field 1-4412
- Ochabova, P. Quantitative relations between the characteristics of storm-time variations of the geomagnetic field and the changes of interplanetary plasma 1-4703
- Ocheilkov, Yu.P. see Belovskii, M.N. 1-22755
- Ochi, K. see Nawata, Y. 1-30208
- Ochi, M., Kukuta, K., Kawamoto, T., Shimbo, M. Fatigue behavior of epoxide resin cured with poly(carboxylic acids) having different functionalities 1-39433
- Ochi, M. see Sasaki, Y. 1-19536
- Ochi, M. see Yamaoka, I. 1-25354
- Ochiai, F. see Suzuki, A. 1-23524
- Ochiai, H. The significant application of LANDSAT data to monitoring of marine environment 1-13190
- Ochiai, H. see Murakami, I. 1-52327
- Ochiai, M. see Mori, M. 1-18776
- Ochiai, Y., Ninnichi, Y., Masuda, K. Quantitative analysis of the wide range of concentrations of boron in silicon by SIMS 1-47109
- Ochiai, Y., Uematsu, K., Takita, K., Masuda, K. In-situ electrical measurement in ion implanted amorphous silicon films 1-52671
- Ochirov, V.A. see Fesenko, E.G. 1-30169
- Ochik, A.S. see Koval'chenko, M.S. 1-53142
- Ochkin, V.N. see Avtonomov, V.P. 1-33708
- Ochkin, V.N. see Brukhovskii, A.P. 1-29129
- Ochuk, A.P., Zgardovskii, V.I., Kritsuk, G.S., Terent'ev, E.V., Shlyakhtich, A.P., Bolotova, N.G., Rusinov, M.B. A field portable X-ray radiometric analyser type RK-103 1-27276
- Ochoa, E. see Edwards, D.F. 1-34999
- Ochs, G.R. see Mu-King Tsay 1-44262
- Ochs, T.L. Operational experience with a saturated borax solar pond 1-53675
- Ochsenein, F., Bischoff, M., Egret, D. Microfiche edition of CSI 1-49538
- Ochsenein, F. see Acker, A. 1-49539
- Ochsenein, F., Bleyl, H.J. Reprocessing of irradiated plutonium recycle fuel: experiments in the facility MILLI 1-18855
- Ocker, W.A. see Woodruff, H.B. 1-53505
- Ocko, M. see Babic, E. 1-30697
- Ocolkoljic, B.M. see Popov, K.I. 1-43673
- O'Connell, J.P. see Perry, R.L. 1-39665
- O'Connell, R.F. Intersubband-cyclotron combined resonance in a surface space-charge layer 1-52845
- O'Connell, R.F. see Barker, B.M. 1-32859, 1-36516, 1-49666
- O'Connell, W. see Shosa, D. 1-43976
- O'Connor, C.M. see Brooks, R.A. 1-43964
- O'Connor, D.J., Farmery, B.W., Chivers, D., Thompson, M.W. Z₁ oscillations in low energy heavy ion ranges 1-28824
- O'Connor, D.J., MacDonald, R.J. Si charge exchange with a clean Si surface 1-26351
- O'Connor, D.J. see Schnoor, J.L. 1-43835
- O'Connor, E. see Neuman, M.R. 1-22103
- O'Connor, J. see Hanna, D. 1-41015
- O'Connor, J.J. see Brown, R.N. 1-4100
- O'Connor, J.O. see Steinhäuser, F. 1-22076
- O'Connor, K.M., Wool, R.P. Optical studies of void formation and healing in styrene-isoprene-styrene block copolymers 1-11741
- O'Connor, P., Tauc, J. Spectrum of photoinduced optical absorption in a Si-H 1-43145
- O'Connor, S.A. see Jones, D.P. 1-13338
- Octave-Prignon, M. see Bewley, D.K. 1-8998
- Oda, A. see Watanabe, T. 1-25020
- Oda, I. see Nemoto, H. 1-2958
- Oda, K. see Fujii, T. 1-16034
- Oda, K. see Takahashi, K. 1-30059
- Oda, M. X-ray nova 1-4998
- Oda, M. A0535+262 1-13811
- Oda, M. Cygnus X-1 1-17911
- Oda, M. Cosmic X-ray satellite 'Hakucho' 1-40300
- Oda, M. Vela X-1 1-44591
- Oda, M. see Ishida, S. 1-10151
- Oda, M. see Makishima, K. 1-22873
- Oda, M. see Matsuko, M. 1-22927
- Oda, M. see Murakami, T. 1-27633
- Oda, M. see Nishimura, M. 1-11210
- Oda, M. see Tajiri, A. 1-46003
- Oda, M. see Temmyo, J. 1-24641
- Oda, N. see Nakai, Y. 1-2144
- Oda, N. see Sataka, M. 1-28126
- Oda, S., Kukimoto, H. Self-activated luminescence in ZnS 1-39156
- Oda, S. see Azuchi, H. 1-38142
- Oda, S. see Sawada, T. 1-40866
- Oda, S. see Shimizu, T. 1-42813
- Oda, T. see Klapdor, H.V. 1-44580
- Oda, T. see Yokoyama, A. 1-41124
- Oda, T. see Yoshida, S. 1-13124
- Oda, Y., Nagano, H. Meissner effect in Cu of thick Cu clad Nb 1-3096
- Oda, Y., Takenaka, H., Nagano, H., Nakada, I. AC susceptibility of polysulfur nitride (SN)_x 1-7789
- Oda, Y. see Hiroyasu, H. 1-17055
- Oda, Y. see Nagano, H. 1-44922
- Odabasi, H. see Condon, E.U. 1-13949
- Odagaki, T. Notes on Anderson's transition in a lattice model topologically disordered systems 1-2594
- Odagiri, Y., Seki, M., Nomura, H., Sugimoto, M., Kobayashi, K. Practical 1.5 μ m LD-isolator-single mode fiber module using a V-grooved diamond heatsink 1-11151
- Odajima, A. see Takahashi, N. 1-42328
- Odajima, A. see Ueno, T. 1-35144
- Odajima, K., Kimura, H., Iizuka, S., Sugie, T., Takahashi, K., Takeuchi, H., Azumi, M., Hirayama, T., Yamachi, T., Kumagai, K., Sengoku, S., Matsumoto, H., Matsuda, T., Yamamoto, S., Ohashi, K., Shimomura, Y. High efficiency ICRF heating in DIVA 1-11573
- Odajima, K. see Sengoku, T. 1-24988
- Odaka, T. Asymptotic behaviour of spheroidal eigenfrequencies of a multi-layered spherical Earth. Modes of very high phase velocity 1-44113
- Odama, Y. see Okabe, T. 1-28040
- Odani, H., Uchikura, M., Taira, K., Kurata, M. Transport and solutions of gases and vapors in styrene-butadiene block copolymers: absorption and desorption of n-hexane vapor 1-34571
- Odar, F. see Lu, M.S. 1-28677
- Odarich, V.A., Ruban, V.A. Refractive index spectra of Y₂Fe₁₇, In₂O₃ garnets 1-39061
- Odarich, V.A. see Vladimirova, T.V. 1-1659
- Odawara, K. see Toriyama, K. 1-38279
- Oddon, Y. see Pepe, G. 1-15867
- Oddou, C. Microrheology of elastomers and arterial wall tissue 1-49041
- Oddou, J. see Berthod, P. 1-39810
- Odeh, I.M. see John, P. 1-21720, 1-39127
- Odeh, I.M. see Tait, N.R.S. 1-21817
- Odeh, I.M. see Safrata, R.S. 1-27975
- Odell, A.P. Non-radial pulsation models of the H-alpha profile in BW Vulpeculae 1-40497
- O'Dell, C.R. see Bahcall, J.N. 1-44436
- O'Dell, E.W. see Walling, J.C. 1-29283
- O'Dell, S.L. Radiation force on a relativistic plasma and the Eddington limit 1-54361
- O'Dell, S.L. see Ledden, J.E. 1-54603
- Oden, J.T. see Ohtake, K. 1-11359, 1-24666
- Oden, J.T. (editor) Computational Methods in Nonlinear Mechanics. Proceedings of the TICOM Second International Conference 1-22950
- Oden, J. Tinsley see Tinsley Oden, J.
- Odenthal, H., Uhlenbusch, J. Determination of temperature, velocity distribution, and population densities of neutral helium by means of laser light tuned on atomic resonances 1-34166
- Odenthal, H., Uhlenbusch, J. Resonant spectroscopic investigations of a glow discharge in helium 1-38152
- Odero, D. Review of the different methods of calculating the acoustic field due to a circular piston and parametric antenna applications 1-24572
- Odian, A. see Haber, B. 1-14433
- Odier, P. see Rifflet, J.-Cl. 1-3562
- Odin, J. see Berton, A. 1-52793
- Odiot, S. see Bridet, J. 1-12055
- Odier, I., Abdul-Maula, S. Structure and properties of Portland cement clinker doped with CaF₂ 1-39293
- Odioral, V.P. see Burdukov, A.P. 1-15536
- Odioral, V.P. see Nakoryakov, V.E. 1-29761
- Odono, J.C. The onset of ferromagnetism in transition metal alloys as a cooperative phase transition 1-12287
- Odoo, R., Hilpert, K. Mass spectrometric study of the evaporation of crystalline compounds in the Cs₂O-Al₂O₃-SiO₂ system. I. The synthetic compound CsAlSi₂O₆ and the mineral pollicite 1-7311
- Odum, L.A. see De Boer, J. 1-13445
- Odum, R.W., Anbar, M. Comment on 'Existence of H⁺, a relatively long-lived doubly charged negative atomic hydrogen ion' 1-24241
- Odono, W. see Hamaker, M.C. 1-30867
- Odono, W. see Maple, M.B. 1-25844
- O'Donnell, K.A., Dainty, J.C. Space-time analysis of photon-limited speckle interferometry 1-32629
- O'Donnell, M., Mims, J.W., Miller, J.G. Relationship between collagen and ultrasonic backscatter in myocardial tissue 1-49083
- O'Donnell, P.J. Gauge hierarchies and mass bounds 1-5559
- O'Donnell, P.J. see Frank, M. 1-45238
- O'Donnell, R.G. see Freed, C. 1-19320
- O'Donnell, T.P. see Leopold, M.H. 1-8219
- O'Donnell, W.T. Advancements in electronic positioning 1-236
- Odorico, R. see Mazzanti, P. 1-574, 1-28333, 1-33172
- Odoulov, S. see Khizhnyak, A. 1-19386
- Odoulov, S. see Soskin, M. 1-41632
- Odoulov, S.G. see Kukharev, N.V. 1-19385
- Odova, T.V. Changes in the thermal flow of Siberian rivers 1-4549
- Odru, R. see Moszynski, M. 1-28805
- Odstrcil, D. Two-dimensional model of the plasma coaxial accelerator 1-15658
- Odulo, A.B. Equations of long nonlinear waves in the ocean 1-4519
- Odulov, S.G., Reznikov, Yu.A., Sarbei, O.G., Soskin, M.S., Frolova, E.K., Khizhnyak, A.I. Dynamic holographic lattices in the mesophase of a nematic liquid crystal 1-29238
- Odulov, S.G., Soskin, M.S. Correlation analysis of images under degenerate four-wave mixing in colliding beams 1-29322
- Odutola, J.A., Alvis, D.L., Curtis, C.W., Dyke, T.R. Permutation-inversion groups for dimers class structure and character table 1-45809
- Oduwole, D.A., Wiseall, B. On the catalytic reactivity of solid surfaces. I. Electron spin resonance studies of the formation of abnormal methyl radicals on various silica surfaces 1-17098
- Oearce, J.B. see Lecacheux, A. 1-40380
- Oechner, H., Ruhe, W., Schoof, H., Stumpe, E. Matrix effect studies by comparative SNMS and SIMS of oxidized Ce, Gd and Ta surfaces 1-31293
- Oed, A., Barreau, G., Gonenwein, F., Perrin, P., Ristori, C., Gelsenbort, P. A fast beam coaxial time pickoff system 1-28773
- Oeffelen, M.P.J. van see van Oeffelen, M.P.J.
- Oegerle, W.R. see Parmar, A.N. 1-27636
- Oegerle, W.R. see Polidan, R.S. 1-27556
- Oegerle, W.R. see Snow, T.P., Jr. 1-49672
- Oehlberg, R.N. see Guidotti, T. 1-10422
- Oehme, G. see Wahl, J. 1-43678
- Oehme, H. see Waldmann, H. 1-48782
- Oehme, R., Zimmermann, W. Asymptotic behavior of the vacuum polarization tensor 1-23434
- Oehlein, G.S., Lindstrom, J.L., Corbett, J.W. Electrolytic method for hydrogenation of silicon 1-38397
- Oei, T.D. see Nederkoorn, J.J.B.M. 1-39722
- Oei Yok Siang see Yok Siang Oei
- Oelfke, W.C., Hamilton, W.O., Darling, D. Operation of an ultrasensitive superconducting accelerometer 1-50117
- Olgaert, G. see Stegmann, R. 1-26266
- Olshafen, P. Transition metal alloy heats of formation from photoemission data 1-43243
- Olshafen, P., Hauser, E., Gubler, U., Krieg, J., Greuter, F., Pfleger, P., Geiser, V., Stolz, S., Guntherodt, H.-J. Electron spectroscopy on donor and acceptor graphite intercalation compounds 1-48238
- Olshafen, P., Hauser, E., Guntherodt, H.-J. Varying d-band splitting in glassy transition metal alloys 1-12636
- Olshafen, P. see Greuter, F. 1-48229
- Olshafen, P. see Guntherodt, H.J. 1-25619

- Oelmann, A. see Frosien, J. 1-400
- Oelmann, J. Time constant of cochlear potentials produced by defined gaussian-shaped condensation and rarefaction sound impulses at the ear-drum 1-4286
- Oelmann, J. An apparatus for determining the time-constant of cochlear potentials resulting from defined Gaussian-shaped condensation and rarefaction impulses at the ear-drum 1-4287
- Oelrich, I. see Mayer, W. 1-18567
- Oelrich, I.C. see Lanier, R.G. 1-41110
- Oerlemans, J. Model experiments on the 10000-yr glacial cycle 1-9190
- Oerlemans, J. On zonal asymmetry and climate sensitivity 1-54237
- Oertel, H., Jr. see Buhler, K. 1-37937
- Oertel, G. see Wood, D.S. 1-9133
- Oertel, H., Kessler, R. Time dependent cellular convection 1-37934
- Oertel, H., Jr. Three-dimensional convection within rectangular boxes 1-1979
- Oertl, M. see Hatakeyama, R. 1-2185
- Oertzen, W. von see von Oertzen, W.
- Oertzen, W. von see von Oertzen, W.
- Oeschler, H., Freisleben, H. Fusion-fission type collisions 1-50640
- Oeschler, H. see Fonte, R. 1-14566
- Oestereich, T. see Webster, E. 1-25525
- Oesterreicher, H. Hydrides of intermetallic compounds 1-53450
- Oesterreicher, H., Bittner, H. Hydride formation in $\text{La}_{1-x}\text{Mg}_x\text{Ni}_2$ 1-7134
- Oesterreicher, H. see Ensslen, K. 1-52109
- Oesterwinter, C. Polar motion through 1977 from Doppler satellite observations 1-44089
- Oettel, W., Radomsky, C., Löffler, H. Information gain from analytical description of isothermal resistivity curves 1-20701
- Oetting, F.L. see Haschke, J.M. 1-3705
- Oettinger, P.E. Electric energy production by particle thermionic-thermoelectric power generators 1-53634
- Oevel, W., Schroter, J. On the asymmetry of the stress tensor of materials with internal degrees of freedom 1-51699
- O'Fallon, J.R. see Crabb, D.G. 1-14413
- O'Fallon, J.R. see Crosbie, E.A. 1-45340
- Offen, H.W. see Dawson, D.R. 1-14132
- Offenberger, A.A., Ng, A. Anomalous absorption in CO_2 -laser-target interactions 1-19923
- Offenberger, A.A. see Ng, A. 1-46891
- Offenhardt, P.O.D., Schwartz, D., Malsberger, R.E., Rye, T.V. Engineering prototype studies on the $\text{CaCl}_2\text{-CH}_3\text{OH}$ chemical heat pump for solar air conditioning, heating, and storage 1-48892
- Offord, K.P. see Grabow, J.D. 1-4293
- Offringa, L.J.J. see Bontius, G.H. 1-21838
- O'Foghlu, F., Johnson, G.A. Voltage waveform effects on output and penetration of W- and Mo-anode mammographic tubes 1-49119
- O'Foghlu, F. see Johnson, G.A. 1-43980
- Oftedal, C. see Mykkelveit, S. 1-22320
- Oftedal, G. see Gjestland, T. 1-1765
- O'Gallagher, J. see Rabi, A. 1-13162
- Oganessian, Yu.Ts. see Borcea, C. 1-28493
- Oganessian, A.A. see Avakyan, R.O. 1-45494
- Oganessian, A.G. see Avakyan, V.V. 1-4778
- Oganessian, A.C. see Avundzian, A.T. 1-37062
- Oganessian, A.V. see Kazaryan, R.A. 1-13574
- Oganessian, K.O. see Akimov, Yu.K. 1-37059, 1-41115
- Oganessian, K.O. see Barabanov, I.R. 1-45543
- Oganessian, K.O. see Krasnov, V.A. 1-37058
- Oganessian, S.M., Starostenko, V.I. Identification of ill-posed and well-posed geophysical problems presented as systems of equations and iterative methods for their solution 1-9277
- Oganessian, Yu.Ts., Orlova, O.A., Ter-Akop'yan, G.M., Muzychka, Yu.A., Pleva, A.A., Pustyl'nik, B.I., Chepigin, V.I., Flerov, G.N. A study of spontaneous fission in the isotopes of some heavy elements and the laws governing fusion reactions in connection with intensely fissile compound nuclei 1-50655
- Oganezova, Dzh.S. see Avakyan, V.V. 1-4778
- Oganjanian, M.C. see Alanakyan, K.V. 1-41100
- Oganov, R.A. see Smyslov, V.I. 1-48436
- Oganyan, G.G. see Bagdov, A.G. 1-37952
- Ogasahara, K. see Sorai, M. 1-31135
- Ogasawara, M., Hirao, A. Relation between Weibel instability and magnetic field generating thermal instability 1-46885
- Ogasawara, M. see Hatayama, A. 1-11530, 1-38060, 1-42173
- Ogasawara, M. see Hirao, A. 1-51935
- Ogasawara, N. see Morioka, T. 1-5307
- Ogasawara, T., Itoh, M., Kubota, Y., Kanbara, K., Takahashi, Y., Yasohama, K., Yasukochi, K. Transient field losses in multifilamentary composite conductors carrying transport currents 1-52695
- Ogasawara, T. see Ito, D. 1-50176
- Ogasawara, T. see Tsuji, H. 1-46910
- Ogata, A., Ninomiya, H. Use of modern control theory in plasma control at neutral beam injection 1-914
- Ogata, A. see Fukunishi, K. 1-25077
- Ogata, A. see Kawasaki, K. 1-926
- Ogata, A. see Shimada, R. 1-10535
- Ogata, A. see Yoshioka, K. 1-917
- Ogata, H., Kanayama, K., Fujiwara, K. Chemical effects in quantitative Auger analysis of phosphorus in silicon and silicon dioxide 1-20249
- Ogata, H. see Yamagata, T. 1-45484
- Ogata, M. see Nakajima, Y. 1-51129
- Ogata, M. see Yamaguchi, H. 1-10747
- Ogata, N. see Miyasaka, K. 1-2345
- Ogata, N. see Murayama, H. 1-30746
- Ogata, S., Ishikawa, M., Murakami, T. Velocity measurements of electrostatically sprayed droplets by means of two laser pulses of different wavelength 1-41636
- Ogata, S., Shigehara, K., Yoshida, T., Shinohara, H. Small bubble formation by using strong nonuniform electric field 1-24867
- Ogata, T., Okamoto, K. Epitaxial growth of gallium arsenide by CVD 1-43270
- Ogata, Y. see Mamantov, G. 1-32009, 1-53583
- Ogawa, A. see Kennett, R.G. 1-33203
- Ogawa, H. see Hayashi, Y. 1-20923
- Ogawa, H. see Kawahara, K. 1-4871
- Ogawa, H. see Sakaguchi, H. 1-50578
- Ogawa, H. see Takano, T. 1-16412
- Ogawa, I. see Newhall, D.H. 1-32996
- Ogawa, K. Thermodynamic properties of aqueous solution of lithium bromide. I. Measurement of specific heat at atmospheric pressure 1-2647
- Ogawa, K., Matsushima, K., Matsuo, S. The hydrogen position in tin(II) hydrogen phosphate by nuclear magnetic resonance 1-30188
- Ogawa, K. see Asano, Y. 1-1022
- Ogawa, K. see Kanou, K. 1-26639
- Ogawa, K. see Yoshikawa, T. 1-13306
- Ogawa, M., Okamoto, M., Arai, E., Horiuchi, N., Murata, Y. A new method for atmospheric tritium measurement by a source modulation technique 1-18984
- Ogawa, M. see Hishida, M. 1-742
- Ogawa, N. see Takatori, K. 1-16732
- Ogawa, R., Tachihara, S. Calculation of white light optical transfer functions (OTF) in the existence of lateral chromatic aberration 1-46254
- Ogawa, R. see Minami, S. 1-46253
- Ogawa, S., Oshima, N. Effect of capillary water on the stress of granular materials 1-1822
- Ogawa, S., Umemura, A., Oshima, N. On the equations of fully fluidized granular materials 1-24872
- Ogawa, S. see Matsuda, M. 1-545
- Ogawa, S. see Nishihara, Y. 1-26098
- Ogawa, T. A formal model for approximation of thermodynamic properties of nonstoichiometric monocarbides 1-43324
- Ogawa, T., Baisley, B.B., Ecklund, W.L., Carter, D.A., Johnston, P.E. Aspect angle dependence of irregularity phase velocities in the auroral electrojet 1-40252
- Ogawa, T., Higo, M. Translational energy distribution and production mechanism of excited hydrogen atoms produced by controlled electron impact on H_2 1-19137
- Ogawa, T., Ikawa, K., Iwamoto, K. Chemical vapor deposition of ZrC within a spouted bed by bromide process 1-53098
- Ogawa, T., Kawamoto, H. Stratospheric horizontal electric fields in the middle latitude during magnetically disturbed days 1-22385
- Ogawa, T., Nara, S., Matsubara, T. The metal-insulator transition in the expanded metals 1-25634
- Ogawa, T. see Awaka, J. 1-17726
- Ogawa, T. see Higo, M. 1-6393
- Ogawa, T. see Hirano, E. 1-11708
- Ogawa, T. see Kano, K. 1-8105
- Ogawa, T. see Kawai, Y. 1-2553
- Ogawa, T. see Manabe, T. 1-51147
- Ogawa, T. see Shomi, Y. 1-2363
- Ogawa, T. see Yabuzaki, T. 1-8556
- Ogawa, Y., Diose, P.G. Surface roughness and thermal stratification effects on the flow behind a two-dimensional fence. I. Field study 1-40153
- Ogawa, Y., Diose, P.G. Surface roughness and thermal stratification effects on the flow behind a two-dimensional fence. II. A wind tunnel study and similarity considerations 1-40154
- Ogawa, Y. see Ito, H. 1-46592
- Ogawa, Y. see Shimanouchi, T. 1-51310
- Ogawara, Y. see Makishima, K. 1-22873
- Ogawara, Y. see Matsuo, K. 1-22927
- Ogawara, Y. see Murakami, T. 1-27633
- Ogdan, Y. see Beriman, I.B. 1-28794
- Ogden, R.W. see Houghton, D.M. 1-11311, 1-40649
- Ogg, M. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Ogielski, A.T. Comments on the 'planar-time' dynamics of strings 1-23422
- Ogievetskii, V. see Gal'perin, A. 1-50348
- Ogievetskii, V.I., Sokachev, E.S. Normal gauge in supergravity 1-5207
- Ogievetskii, V.I., Sokachev, E.S. Torsion and curvature in terms of the axial superfield 1-5208
- Ogievetskii, V.I., Sokachev, E.S. An equation of motion for axial gravitational superfields 1-9905
- Ogihara, H. see Hashimoto, M. 1-42301
- Ogihara, S. see Kakuta, A. 1-14661
- Ogil'ko, T.F. Internal electrostatic field of oriented reinforced composite materials 1-21131
- Ogilvie, J.F., Rodwell, W.R., Tipping, R.H. Dipole moment functions of the hydrogen halides 1-37171
- Ogilvie, K.W. Abundance ratios of $^4\text{He}^{++}/^3\text{He}^{++}$ in the solar wind 1-40295
- Ogilvie, K.W., Bochsler, P., Geiss, J., Coplan, M.A. Observations of the velocity distribution of solar wind ions 1-40297
- Ogilvie, K.W., Vogt, C. Variation of the average 'freezing-in' temperature of oxygen ions with solar wind speed 1-4481
- Ogilvie, M.C. see Houghton, A. 1-20360
- Ogilvy, A.A., Bogoslovsky, V.A., Kuzmina, E.N. Geoelectric models in engineering geophysics 1-54266
- Ogimoto, K. see Johnston, G.W. 1-29431, 1-29432
- Ogin, E.D. see Le'l'chuk, V.L. 1-33291
- Ogino, F., Takeuchi, H., Kudo, I., Mizushima, T. Heated jet discharged vertically into ambients of uniform and linear temperature profiles 1-19774
- Ogino, M. see Ohuchi, F. 1-21302
- Ogino, T., Aoki, M. Mechanism of yellow luminescence in GaN 1-48148
- Ogino, T., Arata, Y., Fujiwara, S. Analyses of artifacts in the data processing of correlation NMR. Tilted baseline problem and aliasing of the solvent signal 1-14149
- Ogino, T., Ruggiero, A.G. Theory of electron cooling with magnetic field and space charge 1-10904
- Ogino, T., Ruggiero, A.G. Theory of electron cooling in accelerators 1-18936
- Ogino, T., Sanuki, H., Kamimura, T., Takeda, S. Nonlinear evolution of the resistive MHD modes in a toroidal plasma 1-38072
- Ogino, T., Sao, K., Jindo, H., Ohta, K. Observation of propagation constants and phase of wave impedance for ELF atmospherics 1-44387
- Ogino, T. see Nakamura, Y. 1-15611
- Ogino, T. see Tsukabayashi, I. 1-51938
- Ogino, Y. Surface catalysis by liquid metals 1-31910
- Ogino, Y. see Wakasugi, Y. 1-42628
- Ogir, M.B. Sunspot distribution relative to interplanetary magnetic field sector structure 1-17807
- Ogita, Y. Contactless measurement of carrier lifetime in semiconductor wafers by use of strip lines 1-20763
- Ogita, Y., Horiguchi, F., Furukawa, S. Contactless measurements of electrical properties of semiconductor wafers 1-47673
- Ogiwara, K. see Furukawa, T. 1-34990
- Ogiwara, N. see Maeno, M. 1-29912
- Ogiwara, N. see Ohtsuka, H. 1-25087
- Ogiwara, N. see Suzuki, N. 1-25039
- Ogle, C. see Wittbold, W.M., Jr. 1-314
- Ogloblin, A.A. see Bochkarev, O.B. 1-23625
- Oglobly, V.I. see Lovozov, V.I. 1-7370
- Ogneva, I.V. see Klokova, N.P. 1-14109
- Ognivenko, V.V. see Ostrovskiy, A.O. 1-34087
- Ognyanov, N.V. see Mushenko, L.V. 1-44152
- Ogonowska, U. Temperature dependence decay of a metastable state of systems with large impurity-lattice relaxation (CdF₂:In) 1-30674
- Ogorelec, Z. Note on an energy transformer 1-22978
- Ogorelec, Z., Vucic, Z. Amorphous subsystems in superionic conductors 1-20454
- Ogorelec, Z. see Vucic, Z. 1-7327
- Ogorodnikov, S.N. Solution for the equation of a single-component flux of like charged particles 1-24342
- Ogorodnikov, V.I., Rusanov, V.P. Conditions of deposition and distribution of amorphous silica in the bottom sediments of the Chukchi Sea 1-44492
- Ogorodnikov, V.K. see Andrukhiv, M.G. 1-20834
- O'Grady, K., Chantrell, R.W., Popplewell, J., Charles, S.W. The low temperature magnetisation of a system of fine cobalt particles 1-12358
- Ogren, H.A. see Corcoran, M. 1-33204
- Ogren, J.A. On the operation of the electrical aerosol analyzer at reduced pressures 1-45100
- Ogrin, Yu.F. Low-temperature thin-film reactions in a Pb-Bi structure 1-34523
- Ogrissek, R. A structure model of theoretical cartography for teaching and research 1-13984
- Oguchi, A. Ising chain with long- and short-range interactions 1-25949
- Oguchi, A. Antiferromagnetic Ising chain with long-range forces 1-34845
- Oguchi, A. see Kaieda, Y. 1-53295
- Oguchi, A. see Nobuki, M. 1-26509
- Oguchi, A. see Otoguchi, M. 1-48379
- Oguchi, H. see Maeno, K. 1-46378

- Oguchi, T.** Effect of incoherent scattering on attenuation and cross polarization of millimeter waves due to rain: preliminary calculations at 34.8 and 82 GHz for spherical raindrops 1-27231
- Oguchi, T., Kambara, T., Gondaira, K.I.** Self-consistent electronic structures of magnetic semiconductors by a discrete variational $\alpha\alpha$ calculation. I. Ferromagnetic spinels, CdCr_2S_4 and CdCr_2Se_4 1-2869
- Oguchi, T.** see Ishiki, Y. 1-38832
- Ogunade, S.O., Dosso, H.W.** The inductive response of a horizontal conducting cylinder buried in a uniform Earth for a uniform inducing field 1-27055
- Ogura, H.** see Nakayama, J. 1-29188
- Ogura, K., Kobayashi, M.** The effect of water and oxyanions on the passivation of iron in mixed dimethylformamide-water solvents 1-16946
- Ogura, K., Laudate, A.** Comparative observation with a light microscope and an SEM in backscattered electron mode [biological specimens] 1-17543
- Ogura, K., Ohji, K., Shimakawa, T., Kawabata, Y.** Fatigue crack growth and crack closure behavior of clad plates 1-43482
- Ogura, K., Takesue, N.** Pit formation in the cathodic polarization of passive iron. I. Dissolution of passive film nad pit initiation 1-39514
- Ogura, K.** see Ohji, K. 1-48480
- Ogura, T.** A method for evaluation of the amount of grain boundary segregation during quenching 1-53189
- Ogura, T., Makino, A., Masumoto, T.** Comparison of Auger electron spectroscopy and etching method for analysis of grain boundary segregation of phosphorus 1-3749
- Ogura, T.** see Suzuki, Y. 1-3893
- Ogura, T.** see Takayama, S. 1-16875
- Ogurechnikov, V.A.** see Dudkin, V.A. 1-33717
- Oguri, K., Kimura, H.** The effect of hydrogen on the flow stress of iron of various purities 1-12817
- Oguri, K.** see Asano, S. 1-31535
- Oguro, K.** see Osumi, Y. 1-20556
- Oguro, M., Higashi, A.** The formation mechanism of concentric dislocation loops in ice single crystals grown from the melt 1-11752
- Ogurtsov, V.I.** see Dementii, S.V. 1-1031
- Ogurtsova, L.A.** see Dobrokhotova, V.K. 1-41712
- Ogurtsova, L.A.** see Gorbichenko, V.S. 1-21236
- Ogurtsova, L.A.** see Naboikin, Yu.V. 1-3436
- Ogushi, T., Nishi, K., Nagai, H., Numata, T., Obara, K.** Nb_3Si prepared by high-rate sputtering followed by quenching 1-16397
- Ogushi, T., Watanabe, T., Yuda, M., Kaneko, Y., Hakuraku, Y., Numata, T.** Nb_3Ge prepared by high rate sputtering in a container cooled by liquid N_2 1-16396
- Ogusu, K., Tanaka, I.** Optical strip waveguide: an experiment 1-6651
- Oguti, T.** see Zambresky, L.F. 1-4639
- Oguz, S., Anderson, D.A., Paul, W.** Reversible changes in the oscillator strengths of Si-H vibrations in a-Si:H induced by He^+ -ion bombardment 1-3517
- Oguz, S.** Paul, D.K. 1-52071
- Oh, B.Y.** see Biswas, N.N. 1-18515
- Oh, C.** see Buhl, A.R. 1-2865
- Oh, C.H.** see Murugusu, S. 1-10066
- Oh, I.** see Harrigan, T.P. 1-13278
- Oh, K.P.** The prediction of fatigue life under random loading: a diffusion model 1-19643
- Oh, S.I., Kobayashi, S.** Finite element analysis of plane-strain sheet bending 1-29568
- Oh, S.-J., Doniach, S.** 'Fluorescent electron emission' - a prediction for resonant photoemission spectra 1-48224
- Oh Jae Hyun** see Jae Hyun Oh
- Oh Ki Dong** see Ki Dong Oh
- Oh Se Yong** see Se Yong Oh
- Oh Se Ho** see Se Ho Oh
- Ohama, Y., Nishimura, T., Hachisuka, H.** Strength properties of steel fiber reinforced polystyrene-impregnated concrete 1-43469
- O'Hanley, R.C.** Hall effect formulae and units 1-32950
- O'Hanley, R.C.** see Chow, C.P. 1-2551
- O'Hanley, R.C.** see McGuire, T.R. 1-34689
- Ohanesyan, K.O.** see Biryukov, Yu.A. 1-5645
- O'Hara, C.** see Jones, G.R. 1-8005
- O'Hara, C.** see Whalmore, R.W. 1-34988
- Ohara, E., Yamada, T.** Solar heating and cooling system installed at 'Ayase' solar house 1-26847
- O'Hara, F.A.** An examination of methods of proliferation control for application to nuclear fuel reprocessing facilities 1-14625
- Ohara, K.** Relationship between frictional electrification and molecular motion of polymers 1-3046
- Ohara, K.** see Kobayashi, H. 1-32179
- O'Hara, M.D.** see Bicher, H.I. 1-39889
- Ohara, Y.** see Nagami, M. 1-15637
- Ohara, Y.** see Okumura, Y. 1-50270
- O'Hare, J.M.** see Detrio, J.A. 1-29356
- O'Hare, P.A.G., Flotow, H.E., Hoekstra, H.R.** Heat capacity of (5 to 350K) and recommended thermodynamic properties of barium uranate (BaUO_4) to 1100K 1-31901
- O'Hare, P.A.G.** see Fredrickson, D.R. 1-17096
- O'Hare, T.B.** see Elgin, J.N. 1-29239
- Ohasa, K.** see Iizuka, S. 1-6996
- Ohasa, K.** see Odajima, K. 1-11573
- Ohasa, K.** see Sengoku, S. 1-24988
- Ohashi, H.** see Shoda, K. 1-23563
- Ohashi, K.** see Ohashi, Y.H. 1-38489
- Ohashi, M.** see Miyamoto, M. 1-17896
- Ohashi, N., Kakimoto, M., Saito, S., Hirota, E.** Doppler-limited dye laser excitation spectroscopy of the DSO radical 1-37172
- Ohashi, T.** see Imai, M. 1-5370
- Ohashi, T.** see Matsuo, M. 1-22927
- Ohashi, T.** see Murakami, T. 1-27633
- Ohashi, Y., Tokuda, M., Itoh, S., Miyake, T.** Experimental investigation on history-dependence of plastic behaviour of brass under combined loading 1-26539
- Ohashi, Y., Yamamoto, Y., Tsunoyama, K., Kishidaka, H.** Modified glow discharge spectroscopy for surface analysis of steels 1-7442
- Ohashi, Y.** see Fukushima, M. 1-45770
- Ohashi, Y.** see Terada, S. 1-14415
- Ohashi, Y.** see Tsunoyama, K. 1-30269, 1-53040
- Ohashi, Y.H., Ohashi, K.** Thermal properties of vibrating dislocations 1-38489
- Ohata, M.** see Yokota, M. 1-11960
- Ohata, T.** see Koshino, S. 1-12568
- Obba, M., Arawaka, K.** Statistical mechanical theory of ionic solutions based on the interaction site model: dielectric properties and pair correlation functions 1-52033
- Obba, Y., Fujii, T.** A comment on the cold rolling textures of high purity BCC polycrystal metals 1-31479
- Obba, Y.** see Yokoi, K. 1-26254
- Obbayashi, S.** see Saito, S. 1-39860
- Obuchi, Y.** see Araki, Y. 1-47918
- Obuchi, Y.** see Numata, T. 1-11077
- Obde, R.N., Sharf, D.J.** Effects of number of repetitions and intensity level of stimuli varying in VOT on verbal transposition 1-11260
- Obde, R.N., Sharf, D.J.** Stop identification from vacal transition plus vowel segments of CV and VC syllables: A follow-up study 1-37719
- Obdomari, I., Tu, K.N., Hammer, W.** Ion beam modification of silicide-silicon interfaces 1-7734
- Obe, S.** see Ikuta, T. 1-17412
- Obga, J., Shirai, S., Nomura, H., Tobita, M.** Characteristics of a carbon granule microphone with carbonaceous electrodes 1-19540
- Obga, T.** see Terauchi, H. 1-8567
- Obgaku, T., Takeuchi, N.** Stress relaxation measurement for alkali halide single crystal by transmission of polarized light 1-26526
- Ohgawara, M., Uchida, T.** Effect of impurities on liquid crystal molecular orientation on inorganic surfaces 1-42293
- Ohgawara, M.** see Uchida, T. 1-25158
- Ohgishi, S., Ono, H., Araki, K., Kasahara, Y.** Effects of radiation induced polymerisation on the mechanical properties of polymer impregnated concrete 1-43307
- Ohgishi, S., Wada, M., Ono, H.** Triaxial compressive creep of concrete at temperatures 20°C to 320°C 1-4346
- Ohhata, Y.** see Misawa, S. 1-21901
- Ohhata, Y.** see Shinoki, F. 1-20882, 1-21284
- Ohhata, Y.** see Yoshida, S. 1-21908
- Oh, K.** see Akishige, Y. 1-26239
- Oh, M.** Frequency stabilization of a PbSnTe laser on a methane line in the ν_2 band 1-24143
- Oh, M.** see Tako, T. 1-29252
- Oh, S.** see Uyama, T. 1-19919
- Ohigashi, H.** see Tsukamoto, T. 1-43763
- Ohira, H., Uematsu, K.** Photoinduced decrease of ferrimagnetic resonance field in YIG single crystals 1-47956
- Ohishi, K.** see Kasai, A. 1-44981
- Ohlwa, N., Yamaguchi, S.** A study on turbulent diffusion flames stabilized in plane shear flows 1-39638
- Ohji, K., Ogura, K., Harada, S., Sano, M.** Fatigue crack growth and crack closure of explosively-bonded and roll-bonded brass clad steel plates 1-48480
- Ohji, K.** see Ogura, K. 1-43482
- Ohkami, T.** see Enomoto, Y. 1-12878
- Ohkarta, R.** see Ohkoshi, M. 1-25587
- Ohkawa, F.J.** Electric break-throughs in vicinal planes of (001)Si inversion layers 1-7695
- Ohkawa, K., Lahey, R.T., Jr.** The analysis of CCFL using drift-flux models 1-23720
- Ohkawa, K.** see Gay, R.R. 1-15563
- Ohkawa, S.** see Itoh, A. 1-23276
- Ohkawa, T., Chu, M., Chu, C., Schaffer, M.** Helical plasma configuration with pitch reversal 1-29900
- Ohkawa, T., Hashimoto, H., Kaito, C., Urai, S.** White and black strap contrast observed in the X-ray magnified Laue images of MoO_3 crystals 1-47029
- Ohkawa, T.** see Chan, V.S. 1-6957
- Ohkawara, G.** see Yamamoto, K. 1-2104
- Ohke Shigeaki** see Shigeaki Ohke
- Ohki, K.** see Inoko, Y. 1-7084
- Ohki, M.** Unsteady flow in a porous, elastic, circular tube. I. The wall contracting or expanding in an axial direction 1-11455
- Ohkita, K., Nakayama, N., Shimomura, M.** The polymerization of styrene catalyzed by n-butyllithium in the presence of carbon black 1-35530
- Ohkita, T., Kamada, N.** Leukemia among atomic bomb survivors 1-49078
- Ohkoda, T., Mutsukura, N., Machi, Y.** Growth of ZnO thin film by a reactive ion plating technique under high vacuum condition 1-3637
- Ohkoda, T.** see Mutsukura, N. 1-3636
- Ohkohchi, M.** see Ando, Y. 1-26411
- Ohkohchi, M.** see Matsuo, K. 1-3529
- Ohkoshi, I.** Atomic pseudopotential of polyvalent crystals such as Si 1-7128
- Ohkoshi, I., Yokoyama, I., Waseda, Y., Young, W.H.** Theories of entropies of liquid metals: phonons versus packing 1-25459
- Ohkoshi, I., Yokoyama, I., Waseda, Y., Young, W.H.** Percus-Yevick phonon theory of entropies of liquid metals 1-47256
- Ohkoshi, K.** dT-dL analysis of surface electromyogram during muscle fatigue. V. dT-N histogram (left hand) 1-17378
- Ohkoshi, K.** dT-dL analysis of surface electromyogram during muscle fatigue. III. Difference between right and left hand 1-22000
- Ohkoshi, K.** dT-dL analysis of surface electromyogram during muscle fatigue. IV. dT-N histogram (right hand) 1-22001
- Ohkoshi, K.** dT-dL analysis of surface electromyogram during muscle fatigue. VI. dT-N histogram (right and left hand) 1-22002
- Ohkoshi, K., Kikuchi, Y.** dT-dL analysis of depth electromyogram during muscle fatigue 1-22003
- Ohkoshi, M., Honda, S., Kusuda, T.** Studies on amorphous GdFe and GdCo sputtered thin films using a transmission electron microscope 1-21018
- Ohkoshi, M., Ohkita, R., Inoue, K., Honda, S., Kusuda, T.** Substrate bias effect on the oxygen contamination in amorphous GdCo sputtered films 1-25587
- Ohkoshi, Y.** see Tsukui, K. 1-50775
- Ohkubo, K., Fujita, J., Itoh, S., Kadota, K., Kawahata, K., Kawasumi, Y., Kaneko, O., Kuroda, T., Matsuoka, K., Matsuura, K., Miyamoto, K., Noda, N., Oka, Y., Sakurai, K., Sato, K., Sato, M., Tanahashi, S., Terashima, Y.** Lower hybrid heating experiments in JIPP T-II 1-11576
- Ohkubo, K., Kawahata, K., Matsuoka, K., Noda, N., Sakurai, K., Tanahashi, S., Matsuura, K., Miyamoto, K., Fujita, J., Tanaka, M., Hosokawa, M., Fujiwara, M., Ikegami, H., Cho, T., Terumichi, Y., Tanaka, S.** Preionization and heating of plasma at the electron cyclotron frequency in JIPP T-II stellarator 1-46902
- Ohkura, H., Iwahana, K., Tanaka, M., Tara, K., Imanaka, K.** Magnetic circular polarization of F center emission and the spin mixing processes in optical cycle 1-3911
- Ohlendorf, D., Flotow, H.E.** Heat capacities and thermodynamic functions of LaNi_5 , $\text{LaNi}_5\text{H}_{0.36}$ and $\text{LaNi}_5\text{H}_{0.39}$ from 5 to 300K 1-2654
- Ohlendorf, D., Flotow, H.E.** Experimental heat capacities of LaNi_5 , $\alpha\text{-LaNi}_5\text{H}_{0.36}$ and $\beta\text{-LaNi}_5\text{H}_{0.39}$ from 5 to 300K. Thermodynamic properties of the $\text{LaNi}_5\text{-H}_2$ system 1-7348
- Ohlidal, I., Navratil, K.** Optical analysis of non-absorbing double layers by means of immersion reflectometry. II. Solid state immersion method 1-3525
- Ohlidal, I., Navratil, K.** Determination of the optical parameters and packing density of non-absorbing columnar thin films by means of immersion reflectometry: application to LiF thin films 1-31218
- Ohlrich, E.S.** see Barnett, A.B. 1-26899
- Ohlsen, G.G., Brown, R.E., Correll, F.D., Hardekopf, R.A.** The description of polarization analyzing powers for three-body breakup reactions 1-28456
- Ohlsen, G.C.** see Correll, F.D. 1-45513
- Ohlsson, O.O.** The role of refuse derived fuel (RED) as an alternative energy source for district heating and power generation 1-53532
- Ohmachi, Y.** see Nishioka, T. 1-38396
- Ohmachi, Y.** see Sasa, N. 1-25589
- Ohmae, N., Okuyama, T., Tsukizoe, T.** Influence of electronic structure on the friction in vacuum of 3d transition metals in contact with copper 1-26635
- Ohmae, N., Tsukizoe, T.** Analysis of a wear process using the finite element method 1-11811
- Ohmes, E.** see Kothe, G. 1-2314
- Ohmi, T., Nakahara, M., Tsuneto, T.** A charged ^3P superfluid in the ABM states 1-42600
- Ohmi, T.** see Fujita, T. 1-7407
- Ohmine, I., Morokuma, K.** Photoisomerization of polyenes: reaction coordinate and trajectory in triplet mechanism 1-43684
- Ohmori, K.** see Petrakovskii, G.A. 1-26006
- Ohmori, K.** see Tsuya, N. 1-8251

- Ohmori, T., Katsurai, M., Sekiguchi, T. Laser-produced-plasma-initiated intense pulsed ion-beam generator 1-45074
- Ohmori, Y. see Horiguchi, M. 1-11090, 1-41826
- Ohmura, K. see Yoshimoto, I. 1-33044
- Ohmura, Y., Ishikawa, K. Spectral densities of anomalous X-ray emission and absorption spectra of simple metals based on the generalized power law 1-26308
- Ohmura, Y., Yoshii, S., Takigawa, T., Shigematsu, T. Laser and electron beam annealing 1-48199
- Ohnari, I. Central peak due to thermal diffusion motion in the tunnelling model 1-30347
- Ohnesorge, W.F., Butler, H.M., Fulmer, C.B., Mosko, S.W. Heavy ion target area fast neutron dose equivalent rates 1-14702
- Ohnishi, H. see Doi, T. 1-3494
- Ohnishi, H. see Noya, H. 1-18632
- Ohnishi, K. see Itoh, A. 1-10833
- Ohnishi, K.-I., Nakayama, H., Nishino, T., Hamakawa, Y. Bound multiexciton luminescence in lithium-doped silicon 1-8118
- Ohnishi, M. see Kuwano, Y. 1-8710
- Ohnishi, S., Sugano, S. Strain interaction effects on the high-spin-low-spin transition of transition-metal compounds 1-30690
- Ohnishi, S., Sugano, S. The elastic interaction between the intercalants in graphite—a two-dimensional model 1-34280
- Ohnishi, S. see Hirotsu, T. 1-8457
- Ohnishi, S. see Nakamura, K. 1-52621
- Ohnishi, T., Nakatani, Y. Effect of hydrogen on stress corrosion cracking of α brasses in ammonia vapor 1-35383
- Ohno, A. see Kobayashi, H. 1-32179
- Ohno, H. see Davies, G.J. 1-3633
- Ohno, H. see Furukawa, K. 1-28592
- Ohno, H. see Gammel, J.C. 1-45016
- Ohno, H. see Sakaki, H. 1-47733
- Ohno, H. see Wood, C.E.C. 1-34592
- Ohno, K., Matsuura, H., Murata, H. Vibrational spectra and molecular conformations of unbranched dialkyl selenides 1-1224
- Ohno, K. see Osamura, Y. 1-1073
- Ohno, K. see Taga, K. 1-10731
- Ohno, N., Yoshida, M., Nakamura, K., Nakai, Y. Resonant Raman scattering and luminescence in indium iodide 1-12488
- Ohno, N., Yoshida, M., Nakamura, K., Nakai, Y. Photoluminescence of indium iodide 1-8126
- Ohno, N. see Nakamura, K. 1-8094
- Ohno, S. Morphometry for determination of size distribution of peroxisomes in thick sections by high-voltage electron microscopy. I. Studies on section thickness 1-45083
- Ohno, S., Kakinuma, F. Electrical resistivities of rare earth solutes in liquid indium and tin 1-30707
- Ohno, S., Uda, M. An examination of collecting mediums for determination of diffusible hydrogen in welded metals 1-7344
- Ohno, S. see Kakinuma, F. 1-20695
- Ohno, S.-I. Radiolytic decomposition of water for hydrogen production 1-13187
- Ohno, T. Electronic band structure of lithium-graphite intercalation compound C_6Li 1-47461
- Ohno, Y., Nagata, S., Sato, H. Development of a high temperature solid electrolyte fuel cell 1-48830
- Ohno, Y. see Tanaka, K. 1-43217
- Ohnucki, S., Adachi, S. Radiation impedances of disc-shaped antennas for an electron plasma wave 1-46870
- Ohnuki, A. see Tamaki, M. 1-47884
- Ohnuki, K. see Ito, M. 1-45692
- Ohnuki, S. see Takahashi, H. 1-43429
- Ohnuki, S. see Takayama, T. 1-16789
- Ohnuma, H., Kishida, N., Kasagi, J., Kubo, T., Yasue, M. Evidence for deuteron D-state effects on the polarization of the 2.58-MeV state in ^{57}Ni excited in the (p,d) reaction 1-36945
- Ohnuma, H., Kubo, T., Kishida, N., Hasegawa, T., Ueda, N., Fujisawa, T., Wada, T., Iwatani, K., Suehiro, T. Vector analyzing power and polarization measurements for the $^{165}\text{Sn}(d,p)^{177}\text{Sn}$ reaction and deuteron D-state effects 1-18635
- Ohnuma, K., Honda, T., Tsujiuchi, J. Dynamic range of a thermoplastic photoconductor hologram 1-41637
- Ohnuma, S., Shirakawa, K., Nose, M., Masumoto, T. Magnetic properties of (Fe,Co and Ni)-Zr amorphous alloys 1-12283
- Ohnuma, S. see Masumoto, T. 1-25905
- Ohnuma, S. see Shirakawa, K. 1-7926
- Ohnuma, T. Review on resonance cone fields 1-11517
- Ohnuma, T., Watanabe, T., Sanuki, H. Reflection of oblique electron thermal modes in an inhomogeneous plasma 1-11518
- O'Hara, N.P.J., Baker, T.F. Tidal perturbations in astronomical observations 1-49192
- Ohr, S.M., Kobayashi, S. In-situ observation of crack propagation by transmission electron microscopy 1-7174
- Ohr, S.M. see Kobayashi, S. 1-39440
- Ohring, S. Nonlinear water wave generation using the method of lines 1-51788
- Ohra, Y. see Ortiz B., J.V. 1-37368
- Ohsaki, S. see Ishida, T. 1-26938
- Ohsato, H., Sugimura, T., Kageyama, K. Growth and morphology of Ca_2PtO_5 crystals 1-12642
- Ohsawa, A., Honda, K., Yoshikawa, M. Oxygenation and thermally induced microdefects in silicon crystals 1-25298
- Ohsawa, J., Ishi, M., Ikeda, K., Hirano, R., Susaki, W. Mirror coating of AlGaAs TJS lasers by an Si/SiO_2 reflector 1-15250
- Ohsawa, K. see Noguchi, T. 1-3106
- Ohsawa, O., Iwase, M., Okimura, H. Photovoltaic properties of cuprous selenide-semiconductor junctions 1-8716
- Ohsawa, S., Kondo, R. Reactivities of various silicates with sodium hydroxide solution 1-53310
- Ohsawa, S. see Itoh, K. 1-45485
- Ohsawa, T. Synchronous quenching due to nonlinear mode coupling in beam-plasma system 1-38119
- Ohsawa, T., Ozaki, T. On the possibility of gas temperature measurement using two photon excitation 1-27990
- Ohsawa, Y., Kamimura, T. Simulation of plasma confinement in RF plugged cusp field 1-25051
- Ohsawa, Y. see Aizawa, M. 1-2229, 1-19952
- Ohse, S. see Yoshikawa, T. 1-13306
- Ohshika, S. see Kobayashi, H. 1-32179
- Ohshima, N. Microcirculation and substance exchange through it—methods and basic informations. II. Hemodynamics and rheology in the microcirculation 1-39955
- Ohshima, S., Takamura, S., Okuda, T. Compact antennas for lower hybrid wave heating 1-42184
- Ohshima, T. see Berg, D. 1-28320
- Ohshima, T. see Collick, B. 1-45290
- Ohshima, T. see Otsuka, A. 1-43492
- Ohshima, Y., Shirane, K., Funakubo, H. Fundamental studies on a urea-removal electro-dialyzer for wearable artificial kidney 1-40024
- Ohshima, Y. see Ishii, T. 1-26732
- Ohshiro, Y. see Tanabe, T. 1-28770
- Ohta, A., Kamakura, M., Nihei, M., Maeda, Y., Ikegawa, K., Sasaki, E. An automatic detection of fatigue initiation life of welded joints 1-48635
- Ohta, E., Kunio, T., Jr., Sakata, M. Effect of boron concentration on hole capture cross-section at vanadium centers in silicon 1-47672
- Ohta, H. A new Josephson junction with a very short barrier length and a very low capacitance 1-7780
- Ohta, H. Semimetal-barrier quasi-planar Josephson junction 1-47813
- Ohta, H. see Ikegami, Y. 1-5893
- Ohta, H. see Uchida, H. 1-5827
- Ohta, K., Iwamoto, A. Articulatory difference between a semi-vowel and connected vowels—the case of /jja/ and /ja/ 1-37722
- Ohta, K., Nakatsuji, H., Hirao, K., Yonezawa, T. Ab initio calculation of hyperfine splitting constants of molecules 1-1129
- Ohta, K., Terasawa, T., Tohyama, M. Nuclear spin-orbit splitting from an intermediate Δ excitation 1-14474
- Ohta, K. see Ogino, T. 1-44387
- Ohta, K. see Otsubo, H. 1-6707
- Ohta, M., Hatakeyama, K., Iwashige, H., Yoshino, N. A statistical theory on the general random noise of arbitrary distribution type with quantized level and its actual application 1-11241
- Ohta, M., Hatakeyama, K., Okita, T., Iwashige, H. A new trial to estimate the noise propagation characteristics of a traffic noise system 1-21956
- Ohita, M., Hiromitsu, S. A prediction for level probability of random noise with quantized level (theory and experiment) 1-21958
- Ohita, M., Ikuta, A., Hatakeyama, K. A method for estimating unknown parameters of a sound insulation system based on the sequential observation of noise evaluation level Lx 1-29462
- Ohita, M., Yamaguchi, S., Iwashige, H. A methodological study on statistical evaluation of noise and vibration control systems. II. System-theoretical consideration of general double walls and their Lx evaluation 1-1771
- Ohita, M. see Ikuta, A. 1-15321, 1-21955
- Ohita, M. see Iwashige, H. 1-29463
- Ohita, M. see Kawasaki, K. 1-926
- Ohita, M. see Nakao, Y. 1-28696
- Ohita, M. see Sakaguchi, M. 1-11857
- Ohita, M. see Shibata, S. 1-6387
- Ohita, N., Ikeda, T., Ishida, F., Sugita, Y. Submicron bubble garnets and their characterizations 1-7905
- Ohita, N. see Fujii, Y. 1-33097
- Ohita, N. see Fujiki, Y. 1-21722
- Ohita, N. see Hata, H. 1-50377
- Ohita, N. see Ikeda, T. 1-16465
- Ohita, N. see Kawarabayashi, K. 1-18475
- Ohita, S. Fifth and sixth sounds propagating in superfluid film 1-38607
- Ohita, S., Hamano, K., Nakagawa, Z. Effects of Er_2O_3 addition on sintering of alumina 1-43305
- Ohta, S. see Anzai, S. 1-20963
- Ohta, S. see Hamano, K. 1-12706
- Ohta, S. see Ishii, Y. 1-12651, 1-21350
- Ohta, S. see Nishimura, J. 1-22505
- Ohta, T. Mode coupling theory of dynamic critical phenomena for classical liquids. II. Non-Markoffian effects 1-7292
- Ohta, T. see Imaeda, T. 1-5265
- Ohta, T. see Kuribayashi, K. 1-39324
- Ohta, T. see Pate, B.B. 1-16334
- Ohta, T. see Yamaguchi, M. 1-3292
- Ohta, Y. see Urabe, S. 1-36611
- Ohtake, K. Physics and chemistry in combustion 1-53424
- Ohtake, K., Oden, J.T., Kikuchi, N. Analysis of certain unilateral problems in von Karman plate theory by a penalty method. I. A variational principle with penalty 1-11359
- Ohtake, K., Oden, J.T., Kikuchi, N. Analysis of certain unilateral problems in von Karman plate theory by a penalty method. II. Approximation and numerical analysis 1-24666
- Ohtaki, E. Turbulent transport of carbon dioxide over a paddy field 1-54173
- Ohtaki, Z. see Murayama, H. 1-30746
- Ohtani, F. see Matsuoka, N. 1-707
- Ohtani, F. see Sakaguchi, H. 1-50578
- Ohtani, M. see Nagata, K. 1-48676
- Ohtani, N. see Hagi, H. 1-31538
- Ohtani, N. see Nagano, M. 1-47298
- Ohtani, S. see Kaneko, Y. 1-46109
- Ohtani, T., Kosuge, K., Kachi, S. Spin-glass like behaviours in cubic VO_2 1-30966
- Ohtani, T., Nakamura, H., Nakahira, M., Ishii, M. Growth of single crystals of V_2Se_5 by chemical transport with iodine 1-53069
- Ohtani, T. see Sakamoto, Y. 1-12280
- Ohtani, Y. see Hanlon, J. 1-18464
- Ohtani, Y. see Kawabe, T. 1-5597
- Ohtani, Y. see Kitagaki, T. 1-18467
- Ohtani, Y. see Takamura, J. 1-12758
- Ohtomo, A. see Mino, K. 1-31743
- Ohtsu, M. see Tako, T. 1-29252
- Ohtsu, M. see Tsuchida, H. 1-46363
- Ohtsubo, A. see Haga, K. 1-5952
- Ohtsubo, H. see Ohtsuka, N. 1-50663
- Ohtsubo, H. see Watanabe, O. 1-29578
- Ohtsubo, J. The first-order statistics of speckle intensity variations 1-1495
- Ohtsubo, J. The second-order statistics of speckle intensity variations 1-1496
- Ohtsubo, J. Statistics of speckle intensity produced by the longitudinal motion of a diffuse object 1-6464
- Ohtsubo, J., Kohno, T. Velocity measurements using speckle patterns 1-241
- Ohtsubo, J. see Eiju, T. 1-35857
- Ohtsubo, N. see Murayama, M. 1-10122
- Ohtsuka, A., Kosugi, O., Ishigaki, T. Formation and color of the spinel solid solution in $\text{CoO-ZnO-Cr}_2\text{O}_3\text{-Fe}_2\text{O}_3\text{-TiO}_2$ system 1-16544
- Ohtsuka, A. see Uchida, S. 1-53873
- Ohtsuka, H., Ogiwara, N., Maeno, M. Unipolar arcs in JFT-2 Tokamak 1-25087
- Ohtsuka, H. see Maeno, M. 1-29912
- Ohtsuka, H. see Sengoku, S. 1-24988, 1-25025
- Ohtsuka, H. see Suzuki, H. 1-25039
- Ohtsuka, M. see Sekimoto, H. 1-28695
- Ohtsuka, M., Ohtsubo, H. Radiative pion capture on ^{12}C 1-50663
- Ohtsuka, N. see Kohno, M. 1-33258
- Ohtsuka, S. see Makino, M. 1-45702
- Ohtsuka, T. see Heusler, K.E. 1-35004
- Ohtsuka, T. see Mori, H. 1-3151
- Ohtsuka, T. see Suzuki, H. 1-34954
- Ohtsuka, Y. Partial coherence of light modified by a frequency-modulated ultrasonic wave 1-19260
- Ohtsuka, Y., Hirabayashi, Y., Takayama, S. Permeabilities of membranes prepared from the Latexes of acrylonitrile-2-hydroxyethyl methacrylate graft-copolymerized onto poly(vinyl alcohol). III. Studies on amphiphilic graft copolymer latexes 1-30560
- Ohtsuka, Y., Hirabayashi, Y., Takayama, S. Mechanical properties of membranes prepared from the latexes of acrylonitrile-2-hydroxyethyl methacrylate graft-copolymerized onto poly(vinyl alcohol). II. Amphiphilic graft copolymer latexes 1-31466
- Ohtsuka, Y., Koike, Y., Yamazaki, H. Studies on the light-focusing plastic rod. VI. The photocopolymer rod of methyl methacrylate with vinyl benzoate 1-41825
- Ohtsuka, Y., Nozoe, Y., Imai, Y. Acoustically modified spatial coherence in optical Fresnel diffraction region 1-15073
- Ohtsuka, Y. see Fujii, H. 1-51382
- Ohtsuka, Y. see Imai, M. 1-5370
- Ohtsuka, Y. see Imai, Y. 1-10906
- Ohtsuka, Y. see Itoh, K. 1-6447, 1-46226
- Ohtsuki, M., Crewe, A.V. Optimal imaging techniques in the scanning transmission electron microscope: applications to biological macromolecules 1-9063
- Ohtsuki, M. see Isaacson, M. 1-17346
- Ohtsuki, Y.H. see Yamashita, Y. 1-2543
- Ohtsuki, Y.-H. Lepton channeling of radiant light 1-47127

- Ohuchi, F.**, Ogino, M., Holloway, P.H., Pantano, C.G. Jr. Electron beam effects during analysis of glass thin films with Auger electron spectroscopy 1-21302
- Ohuchi, T.**, Yokota, Y. A new scale of magnitude-frequency distribution of earthquakes 1-9114
- Ohwada, K.** The application of an effective nuclear charge model to the prediction of valence force constants in tetrahedral XY_4 molecules. III 1-28948
- Ohwada, Y.** Numerical calculation of multiple reflections in diffuse cavities 1-37775
- Ohya, A.** see Washizu, K. 1-24730
- Ohya, K.**, Mori, I. Dependence of secondary electron yield on the incident angle and the energy of keV neutrals bombarding a metal surface 1-16641
- Ohya, K.** see Kohmoto, O. 1-3230
- Ohya, S.** see Nakao, Y. 1-28696
- Ohya, T.** see Sato, M. 1-48947
- Ohyama, H.** see Yamada, T. 1-26948
- Ohyama, T.** Dynamical behaviour of exciton system in silicon [Zeeman effect] 1-48040
- Ohyanagi, H.**, Hosoya, S. Structural studies on amorphous semiconductors 1-42304
- Oie, S.**, Takeuchi, R. Sound radiation from a vibrating plane wall having a porous layer on it 1-19501
- Oie, S.**, Takeuchi, R. Sound transmission through a flexible plate with porous layers mounted directly on its surfaces 1-19514
- Oie, S.**, Takeuchi, R. Sound radiation from a point source moving in parallel to a plane interface between two fluids 1-37649
- Oie, S.**, Takeuchi, R. Diffraction of sound radiated from a point source moving in parallel to the edge of a half-screen 1-37650
- Oie, S.**, Takeuchi, R. Sound radiation from a point source moving vertically to a plane interface between two fluids 1-37651
- Oie, S.**, Takeuchi, R., Shindo, T. Sound radiation from a concave radiator in an infinite baffle 1-29420
- Oikawa, H.** Deformation mechanism diagrams with the strain rate as a coordinate 1-21517
- Oikawa, H.** see Maruyama, K. 1-16853
- Oikawa, M.**, Iga, K., Sanada, T. A distributed-index planar micro-lens made of plastics 1-41887
- Oikawa, T.**, Hojoui, K., Kanaya, K. Computer simulation of image contrast of clustered atoms on amorphous support film for high resolution electron microscopy 1-30017
- Oikawa, T.**, Kimura, C., Hojoui, K., Baba, N., Kanaya, K. Improving a conventional transmission electron microscope for high resolution 1-40905
- Oikawa, T.** see Otaka, M. 1-46370
- Oishi, J.** see Kim, Y.-C. 1-26762
- Oishi, S.** Bilinearization of the Painleve equations 1-9843
- Oishi, Y.**, Kuno, K., Ikegaya, K. Acoustic field around a disc in the diffuse sound field 1-6697
- Oishi, Y.**, Sakka, Y. Relation between interdiffusion coefficient and self-diffusion coefficients in fluorite-cubic ZrO_2 -CaO solid solution 1-52332
- Oishi, Y.**, Sakka, Y., Ando, K. Cation interdiffusion in polycrystalline fluorite-cubic solid solutions 1-34521
- Oishi, Y.** see Ando, K. 1-893, 1-25505
- Oitmaa, J.** High temperature multigraph expansions for general Ising systems 1-44844
- Oitmaa, J.**, Betts, D.D., Marland, L.G. Susceptibilities of the $S=1/2$ XY model on the square lattice at $T=0$ 1-3128
- Oitmaa, J.**, Coombs, G.J. The spin S Ising model with a transverse field 1-34884
- Oitmaa, J.** see Kelland, S.B. 1-47837
- Ojeda-Castaneda, J.** Necessary and sufficient conditions for thin phase imagery 1-1505
- Ojeda-Castaneda, J.** A proposal to classify methods employed to detect thin phase structures under coherent illumination 1-1506
- Ojeda-Castaneda, J.**, Jara, E., Ibarra, J. Novel applications of image subtraction 1-41594
- Ojeda-Castaneda, J.** see Santamaria, J. 1-41591
- Ojima, I.** Another BRS transformation 1-5485
- Ojima, I.** Observables and quark confinement in the covariant canonical formalism of Yang-Mills theory. III. 'Behind-the-moon' problem and cluster property 1-5512
- Ojima, I.** see Nakanishi, N. 1-5514
- Ojima, K.** see Hirokawa, T. 1-11762
- Ojima, K.** see Takahashi, T. 1-46669
- Ojima, T.** see Kohmoto, O. 1-3230
- Ojima, T.** see Rabenberg, L. 1-12339
- Ojima, T.** see Tsuya, N. 1-4181
- Ojkova, T.** On the change of free energy of mixing (ΔG^f) by the formation of stable hydration complexes 1-31902
- Ok, H.N.**, Morrish, A.H. Amorphous-to-crystalline transformation of $Fe_2B_2Si_6$ 1-11688
- Ok Hang Ham** see Hang Ham Ok
- Ok Hang Nam** see Hang Nam Ok
- Ok, K.**, Unoki, H. Growth of single crystals of lead monoxide 1-3599
- Ok, M.** see Ito, K. 1-47081
- Ok, M.** see Seki, R. 1-18685
- Oka, T.** see Hogen, J.T. 1-51226
- Oka, Y.**, Tomozawa, M. Effect of alkaline earth ion as an inhibitor to alkaline attack on silica glass 1-31698
- Oka, Y.**, Vu, D.-P. Resonant Brillouin scattering of excitonic polaritons in CuBr 1-52595
- Oka, Y.**, Yanagisawa, I., An, S., Miyasaka, S., Hyodo, T. Experiments and analyses of neutron and gamma-ray streaming in the cavity-dust system of a fast neutron source reactor 1-10416
- Oka, Y.** see Kaneko, O. 1-15624
- Oka, Y.** see Kashiwabara, M. 1-6571
- Oka, Y.** see Ohkubo, K. 1-11576
- Okabayashi, H.** see Nagasawa, E. 1-34501
- Okabayashi, M.** see Nagai, H. 1-16980, 1-53363
- Okabayashi, M.** see Owens, D.K. 1-25073
- Okabayashi, M.** see Yamada, M. 1-46916
- Okabe, H.**, Kawasaki, M., Tanaka, Y. The photodissociation of CH_2I_2 : production of electronically excited I_2 1-33521
- Okabe, H.** see Ushida, N. 1-546
- Okabe, M.** Singularity and positioning constants in Poisson's equation with a point source of unit intensity 1-51338
- Okabe, T.**, Yamada, Y., Odama, Y., Komori, Y., Takagi, M. A trial manufacture of SQUID magnetometer 1-28040
- Okabe, Y.**, Iwaki, M., Takahashi, K. Concentration profiles and electrochemical properties of chromium and nickel implanted iron 1-42411
- Okabe, Y.** see Nishimura, J. 1-22505
- Okada, A.**, Ono, Y., Tanaka, K., Nakae, H. On the recrystallization of Cu-Al alloy annealed by two-step annealing 1-53197
- Okada, A.** see Iriyama, K. 1-7658
- Okada, H.**, Smith, A.J. The Welsh 'geosyncline' of the Silurian was a fore-arc basin 1-22325
- Okada, H.** see Wano, K. 1-54016
- Okada, K.** Stress-acoustic relations for stress measurement by ultrasonic technique 1-24582
- Okada, K.**, Honda, T., Tsujiuchi, J. Distortions of reconstructed images from cylindrical holographic stereograms 1-15112
- Okada, K.**, Honda, T., Tsujiuchi, J. 3-D distortion of observed images reconstructed from a cylindrical holographic stereogram. II. White light reconstruction type 1-41639
- Okada, K.**, Kawa, J., Yamagata, T. High-spin states of $1f-2p$ shell odd-odd nuclei excited by (α, d) reactions 1-18539
- Okada, K.**, Kobayashi, I. Baseband frequency characteristics of optical fibers 1-1717
- Okada, K.** see Honda, T. 1-41638
- Okada, K.** see Ozaki, Y. 1-24107, 1-52276
- Okada, K.** see Saji, M. 1-20470
- Okada, K.** see Sakai, H. 1-691
- Okada, K.** see Sano, K. 1-14161
- Okada, K.** see Tsujiuchi, J. 1-41631
- Okada, K.** see Yoshihara, K. 1-45037
- Okada, M.** Statistical distribution of the difference in magnitude between the main shock and its largest aftershock 1-9117
- Okada, M.** Optical regenerative oscillation and monostable pulse generation in electro-optic bistable devices 1-11175
- Okada, M.** Reduction of the switching energy in electrooptic bistable devices 1-19407
- Okada, M.** Bistable optical devices 1-37541
- Okada, M.** see Belli, Y. 1-52798
- Okada, M.** see Hiraoka, Y. 1-21509
- Okada, M.** see Inaoka, K. 1-2838
- Okada, M.** see Iwasaki, H. 1-29997
- Okada, M.** see Kitajima, M. 1-17140, 1-48476
- Okada, M.** see Takizawa, K. 1-24485
- Okada, N.** see Yasuda, M. 1-43601
- Okada, O.**, Miyadai, T., Kikuchi, K. Magnetic properties of $Mg_{1-x}Mn_xTe_2$ near $x=0.5$ 1-47853
- Okada, S.**, Atoda, T. Synthesis of zirconium nitride 1-21405
- Okada, S.**, Atoda, T. Growth condition, oxidation, hardness and density of α - AlB_{12} single crystal 1-48252
- Okada, S.**, Kishikawa, Y., Oura, K., Hanawa, T. LEED observation of the platinum induced superstructures on Si substrates 1-16194
- Okada, S.**, Sato, K., Sekiguchi, T. Behavior of laser-produced plasma in a uniform magnetic field-plasma instabilities 1-42161
- Okada, S.**, Sumimoto, T. On the improvement of detecting accuracy of a servo type wave gauge 1-6910
- Okada, S.** see Fujita, H. 1-19799
- Okada, S.** see Ito, M. 1-39485
- Okada, S.** see Nakamura, N. 1-35835
- Okada, S.** see Ono, T. 1-53824
- Okada, S.**, Imamura, M., Terashima, T., Yamaguchi, H. (editor) Radiation Research. Proceedings of the Sixth International Congress of Radiation Research 1-44717
- Okada, T.** Optical behavior of V centers in KI crystals at low temperatures 1-48121
- Okada, T.**, Awazu, K., Kawasaki, H. Influence of cavitation erosion on corrosion fatigue and the effect of surface coatings on resistance 1-39450
- Okada, T.**, Niu, K. Effect of collisions on the relativistic electromagnetic instability 1-34065
- Okada, T.**, Tashita, N., Mataga, N. Direct observation of intermediate heterocyclic reaction by photoinduced hydrogen-atom transfer reaction by picosecond laser spectroscopy 1-10868
- Okada, T.** see Murakami, Y. 1-53701
- Okada, T.** see Murakami, K. 1-15152
- Okada, T.** see Shiotani, N. 1-48194
- Okada, Y.** Glow-discharge-polymerized difluorethylene film 1-31367
- Okada, Y.** Theoretical strain seismogram and its applications 1-44114
- Okada, Y.**, Hirata, Y., Takahashi, T. Development of an ultra-low speed recorder for secular variations 1-44305
- Okada, Y.** see Furushiro, N. 1-26494
- Okada, Y.** see Tsubomura, H. 1-52968
- Okada, Y.** see Yokoyama, Y. 1-2399
- Okae, S.** see Kobayashi, H. 1-32179
- Okagaki, T.**, Clark, B., Ferro, J. Use of mid-range signal expander-resynthesizer in STEM imaging of semi-thin biological sections 1-17539
- Okahara, M.** see Yoshino, K. 1-46998
- Okai, B.** Effect of uniaxial stress and orientation relation with high-pressure structures at the transition of A4, B1, and B3 type crystals 1-30127
- Okajima, H.** see Takeda, H. 1-23829
- Okajima, K.** see Iizuka, S. 1-6996
- Okajima, K.** see Shin-ichi Uchida 1-47685
- Okajima, S.**, Lim, B.T., Lim, E.C. C-H hyperconjugation in alkyl benzene cations as revealed by position-dependent isotope effects on nonradiative decay rates of electron donor-acceptor complexes 1-1130
- Okajima, S.** see Yamanaka, M. 1-19970
- Okal, E.A.** Intraplate seismicity of Antarctica and tectonic implications 1-54004
- Okal, E.A.**, Talandier, J. Rayleigh-wave phase velocities in French Polynesia 1-27081
- Okal, E.A.**, Talandier, J., Sverdrup, K.A., Jordan, T.H. Seismicity and tectonic stress in the South-Central Pacific 1-27087
- Okamoto, A.** see Itagaki, H. 1-46006
- Okamoto, A.** see Miyazaki, K. 1-37592, 1-41876
- Okamoto, E.** see Sekita, M. 1-8089
- Okamoto, H.**, Muro, K., Narita, S., Kawaji, S. Far-infrared investigation of high index surfaces on silicon. [Photoconductivity and cyclotron resonance of MOSFET system] 1-12208
- Okamoto, H.**, Obayashi, H., Kudo, T. Carbon monoxide gas sensor made of stabilized zirconia 1-8640
- Okamoto, H.**, Yamaguchi, T., Hamakawa, Y. A study of geminate recombination process in terms of p-i-n basis drift type photovoltaic effects 1-53614
- Okamoto, H.** see Nitta, Y. 1-8711
- Okamoto, H.** see Okuyama, M. 1-13172
- Okamoto, H.** see Sugiyama, M. 1-52413
- Okamoto, H.** see Yamane, T. 1-31511
- Okamoto, K.** see Fujishiro, M. 1-33236
- Okamoto, K.** see Horiguchi, M. 1-41826
- Okamoto, K.** see Hosaka, T. 1-46560
- Okamoto, K.** see Kawamura, T. 1-24990
- Okamoto, K.** see Monerie, M. 1-24500
- Okamoto, K.** see Nakata, Y. 1-4162
- Okamoto, K.** see Ogata, T. 1-43270
- Okamoto, K.** see Yoshioka, N. 1-11199
- Okamoto, M.**, Hagiwara, Z. Kinetic study on sorption of hydrogen with metals 1-31909
- Okamoto, M.** see Amano, T. 1-38139, 1-46922
- Okamoto, M.** see Imai, T. 1-11575, 1-51963
- Okamoto, M.** see Kobayashi, N. 1-31925
- Okamoto, M.** see Lin, R. 1-42203
- Okamoto, M.** see Ogawa, M. 1-18984
- Okamoto, M.** see Shimizu, K. 1-46855
- Okamoto, S.** Medical engineering in ophthalmology-optoelectronics and lasers 1-39983
- Okamoto, S.** see Fukuda, K. 1-2509
- Okamoto, T.**, Fuji, H., Eguchi, K., Fujiwara, H. Magnetic properties of Tb-Sm single crystals 1-34866
- Okamoto, T.**, Kiyose, R., Suzuki, A. Analysis of fluid flow in plasma centrifuges 1-45726
- Okamoto, T.** see Fujii, H. 1-25896
- Okamoto, T.** see Fujiwara, H. 1-30941
- Okamoto, T.** see Iwata, N. 1-12267, 1-52756
- Okamoto, T.** see Kawaga, A. 1-16770, 1-53190
- Okamoto, T.** see Mihori, T. 1-14118
- Okamoto, Y.** see Matsumoto, N. 1-18718
- Okamoto, Y.** see Nishikawa, T. 1-43460
- Okamura, H.** see Ishikawa, T. 1-46712
- Okamura, H.** see Kaneko, O. 1-15624
- Okamura, J.** see Nishimura, K. 1-50147
- Okamura, K.** see Shirakawa, T. 1-16234
- Okamura, M.**, Kobayashi, T. Reduction of interface states and fabrication of p-channel inversion-type InP-MISFET 1-12163
- Okamura, M.Y.** see Butler, W.F. 1-26877
- Okamura, S.** see Hamabe, M. 1-54631
- Okamura, Y.**, Blaisten-Barojas, E., Fumita, S., Godoy, S.V. Theory of atomic diffusion in cubic crystals with impurities based on the correlated-walks theory 1-7391

- Okamura, Y., Mimura, Y., Komazawa, Y., Ota, C. CsI crystalline fiber for infrared transmission 1-11100
- Okamura, Y. *see* Fujita, S. 1-23118
- Okamura, Y. *see* Mimura, Y. 1-41855
- Okamura, Y. *see* Nagata, T. 1-33553
- O'Kane, D.J. *see* Sheriff, N. 1-38013
- Okaniishi, S., Nakanishi, S., Nakaoka, S., Matsuyama, T., Tanaka, M., Kumazawa, Y. High resolution scintillation camera 1-32237
- Okaniishi, S., Nakanishi, S., Wakabayashi, S., Matsuyama, T., Nakaoka, S., Tanaka, M., Shimakawa, T., Takahashi, S., Ikeda, Y. Emission computed tomography using a scintillation camera detector 1-32236
- Okano, H. Electron microprobe technology and its applications 1-5439
- Okano, H. *see* Fujii, K. 1-50918
- Okano, J., Nishimura, H. SIMS measurement of Mg isotopic ratio in a chondrite 1-32670
- Okano, K. *see* Kikuchi, M. 1-19973
- Okano, K. *see* Kimura, S. 1-54043
- Okano, K. *see* Kizukuri, Y. 1-33187
- Okano, S., Suzuki, M., Suzuki, M. Contact effects of metals on chalcogenide semiconductor films 1-52663
- Okano, T. A new multi-electrode evaporator for refractory metals and its application to getter pumps 1-40800
- Okano, T. An analogue simulator applied to non-stationary vacuum systems 1-40801
- Okanyi, A. Automatic batching equipment for a microwave to measure low-mass parts 1-227
- Okashita, H. *see* Tsuruta, H. 1-41173
- Okawa, M., Shimizu, Y. A new method to calculate anomalous dimensions in renormalizable field theory 1-45122
- Okayama, H., Miwa, T., Genda, H. Spectral sensitivity of photosensitive materials for remote sensing 1-33073
- Okayama, T. *see* Tsukide, O. 1-20880
- Okaz, A.M. *see* Ammar, A.S.A. 1-16442
- Okazaki, A. *see* Tatemichi, A. 1-6824
- Okazaki, K., Igarashi, H., Miura, S. Properties of Pb(Zr,Ti)O₃ ceramics under high electric field 1-16538
- Okazaki, K., Kagawa, M., Conrad, H. An evaluation of the contributions of skin, pinch and heating effects to the electroplastic effect in titanium 1-12802
- Okazaki, K. *see* Hirano, Y. 1-11333
- Okazaki, N. *see* Ishihara, T. 1-49153
- Okazaki, S. *see* Hinoue, T. 1-45033
- Okazaki, S. *see* Kusaka, M. 1-3336
- Okazaki, T. Plasma heating by a relativistic electron beam. II. Two-stream and return current driven instabilities 1-11571
- Okazaki, T., Kato, T. Plasma heating by a relativistic electron beam. I. Wave kinetic equation and spectral function 1-15625
- Okazaki, T. *see* Abe, Y. 1-33178
- Okazaki, T. *see* Shogenji, K. 1-7573
- Oke, J.B., Bertola, F., Capaccioli, M. IUE observations of two elliptical galaxies: NGC 3379 and NGC 4472 1-54608
- Oke, J.B., Readhead, A.C.S., Sargent, W.L.W. Spectrum variability in 3C 120 1-49821
- Oke, J.B. *see* Kondo, Y. 1-54609
- Oke, J.B. *see* Soifer, B.T. 1-54651
- Oke, J.B. *see* Young, P. 1-22924
- Oke, T.R. *see* Kalanda, B.D. 1-44260
- Oke, T.R. *see* Steyn, D.G. 1-9158
- O'Keefe, A. *see* Grieman, F.J. 1-46009
- O'Keefe, E.J., Stewart, D.R. Insertion loss measurements of small rectangular enclosures 1-29455
- O'Keefe, K. *see* Riva, C.E. 1-39978
- O'Keefe, M.A. *see* Bovin, J.O. 1-38379
- O'Keefe, M.A. *see* Bovin, J.O. 1-34291
- O'Keefe, M. *see* Bovin, J.O. 1-38379
- O'Keefe, M. *see* Bovin, J.O. 1-34291, 1-34355
- O'Keefe, M. *see* Goodman, P. 1-30119
- Okebara, J. *see* Ido, S. 1-50927
- Okennik, A.S. *see* Rokakh, A.G. 1-347
- Okeke, P.N. High-energy cosmic-ray neutrinos and tau particles 1-40293
- O'Kelly, D. *see* Musgrave, G. 1-26826
- Okhanov, V.V., Afanas'ev, V.A., Bystrov, V.F. Assignment of polypeptide ¹H and ¹³C signals according to the amino acid sequence by multifrequency heteronuclear decoupling 1-14939
- Okhritin, V.N. *see* Lyakhov, G.M. 1-33968
- Okhlopov, V.P., Okhlopova, L.S., Charakhchyan, T.N. Eleven-year cosmic ray cycle and indexes of solar activity 1-36143
- Okhlopova, L.S. *see* Okhlopov, V.P. 1-36143
- Okhlopova, V.A. *see* Efimov, G.V. 1-50418
- Okhotnikov, B.P. *see* Gel'man, B.G. 1-9399
- Okhotnikov, O.G. *see* Bogatov, A.P. 1-51481
- Okhotnikov, O.G. *see* Eliseev, P.G. 1-51482
- Okhrimenko, B.A. *see* Belyi, M.U. 1-31197, 1-43180
- Okhrimenko, G.M. *see* Pisarenko, G.S. 1-43634
- Okhrimenko, I.P. *see* Filippov, G.F. 1-5718
- Oki, F., Saito, T., Shigemoto, K. Shock waves in collective field theories for many particle systems 1-32903
- Oki, K. *see* Sagane, H. 1-35252
- Okido, S., Tanimoto, O. Theory of the Bose particle representation for geminals 1-1051
- Okiji, A. *see* Kasai, H. 1-52289
- Okimura, H., Kannewurf, C.R., Brittain, J.O. Magnetoresistance of evaporated InAs thin films 1-12216
- Okimura, H., Matsumae, T., Makabe, R. Electrical properties of Cu_{2-x}Se thin films and their application for solar cells 1-4205
- Okimura, H. *see* Ohsawa, O. 1-8716
- Okinaka, Y. *see* D'Asaro, L.A. 1-16705
- Okinaka, Y. *see* Koch, F.B. 1-8246
- Okinaka, Y. *see* Nakahara, S. 1-52448
- Okita, T. *see* Ohta, M. 1-21956
- Okladnikov, N.V. *see* Brekhovskikh, G.L. 1-41779
- Okninski, A. Effective quark equations 1-45198
- Okolovich, V.N. *see* Beyzin, S.D. 1-18702
- Okolovich, V.N. *see* Ignatyuk, A.V. 1-50689
- Okonenko, S.A. *see* Demina, L.A. 1-53063
- Okonogi, I. *see* Shimoda, T. 1-8252
- Okonov, E.O. *see* Aksinenko, V.D. 1-18662
- Okonov, E.O. *see* Bartke, E. 1-5664
- Okonska-Kozłowska, I. *see* Haber, J. 1-35525
- Okoshi, T. *see* Oyama, K. 1-1701, 1-6667
- Okovit, V.S., Elenskii, V.A., Kovtun, G.P., Chirina, L.A. Frequency and orientation dependence of internal friction of twinning-strained rhenium single crystals 1-47169
- Okraintets, P.N., Pishchak, V.K. Connection between structural changes and mechanical behavior of metal during creep. Creep equations 1-39387
- Okray Hall, B. Calculation of the lattice distortion due to carbon in α -iron 1-7184
- Oksengorn, B. *see* Chatelet, M. 1-37315
- Okzman, J., Ranta, H. Influence of IMF sector polarity on annual and diurnal variations of absorption in the auroral zone 1-32584
- Okzman, Ya.A. *see* Marmur, I.Ya. 1-30824
- Oksoyev, A.A. Solving contact problem of thermoviscoelasticity 1-11360
- Okten, A. The sunspot observations made in 1973 1-13753
- Oku, M., Abe, R. Renormalized field theory of quenched system under Gaussian random fields conjugate to anisotropic spin fields 1-40746
- Oku, T. *see* Sato, S. 1-36999
- Okubo, D. *see* Partain, L.D. 1-13119
- Okubo, K. *see* Hatakeyama, I. 1-39984
- Okubo, M., Tsutsumi, Y., Kadooka, T., Matsumoto, T. Studies on suspension and emulsion. XLIII. Emulsifier-free polymer emulsion films having asymmetrical porous structure 1-8625
- Okubo, N. *see* Saito, Y. 1-35910
- Okubo, S. Inelastic and finite width effects on ρ -meson propagator and correction to radiative decay of mesons 1-10220
- Okubo, S. *see* Nishimatsu, Y. 1-35320
- Okubo, T. *see* Okuo, T. 1-17224
- Okuda, H., Cheng, C.Z., Lee, W.W. Anomalous diffusion and ion heating in the presence of electrostatic hydrogen cyclotron instabilities 1-46856
- Okuda, H., Sato, T., Hasegawa, A., Pellat, R. Fluctuations, turbulence, and transports in the presence of drift waves 1-11545
- Okuda, H. *see* Kobayashi, Y. 1-54633, 1-54659
- Okuda, H. *see* Lee, W.W. 1-11549
- Okuda, H. *see* Sato, S. 1-40368
- Okuda, M. *see* Fukasaku, N. 1-18745
- Okuda, M. *see* Matsushita, T. 1-7657
- Okuda, M. *see* Naito, H. 1-25663
- Okuda, M. *see* Washida, N. 1-4059
- Okuda, S., Kuwahara, H. Backscattering method for the study of blistering with energy-distributed He particles 1-48209
- Okuda, S., Ueda, Y., Murai, Y., Miyamoto, T., Doi, Y., Uenosono, C. Spectroscopic approach to the analysis of high current arcs in SF₆ 1-34161
- Okuda, S. *see* Kuramochi, N. 1-15897
- Okuda, T. On accretion disks around a black hole and a magnetized neutron star 1-4938
- Okuda, T. *see* Hayashi, K. 1-46927
- Okuda, T. *see* Ohshima, S. 1-42184
- Okuda, Y., Nishikawa, H., Matsuura, M. Dynamical aspect of critical fluctuation of a quasi one-dimensional Ising-like ferromagnet (CH₃)₂NHCOCl₂·2H₂O 1-38915
- Okuda, Y., Tohi, Y., Yamada, I., Haseda, T. Critical temperature of randomly diluted two-dimensional Heisenberg ferromagnet, K₂Cu₂Zn_{1-x}F₂ 1-7832
- Okuda, Y., Yamada, I., Watanabe, J., Haseda, T. One-dimensional Heisenberg ferromagnetic susceptibility just at the percolation threshold for K₂Cu₂Zn_{1-x}F₂ 1-34865
- Okulevich, P.O. *see* Moiseev, B.M. 1-31062
- Okulov, A.Yu. *see* Basov, N.G. 1-23294
- Okulov, S.M. *see* Kononov, V.I. 1-31022
- Okulov, V.I. *see* Bagaev, V.N. 1-34611
- Okulov, V.I. *see* Katsnelson, M.I. 1-3078
- Okulov, V.I. *see* Zyrjanova, N.P. 1-12161
- Okumi, S. *see* Fukushima, M. 1-45770
- Okumura, A. *see* Hayashi, K. 1-39945
- Okumura, H. *see* Suhrara, M. 1-3289
- Okumura, H. *see* Hirai, M. 1-2436
- Okumura, N., Inuishi, Y. Characteristics of electrical breakdown in SF₆ gas in short gaps by sharp rise pulses 1-11496
- Okumura, N. *see* Nagumo, M. 1-35283
- Okumura, T. *see* Paesler, M.A. 1-29910
- Okumura, Y., Mizutani, Y., Ohara, Y., Shibata, T. Measurement of impurities in a long-pulse, multi-ampere hydrogen beam 1-50270
- Okumusoglu, N.T., Basak, A.K., Blyth, C.O. Analyzing powers in the three-body break-up reactions from ³He_{pol} + ⁷H 1-23630
- Okun, I.B. Theta particles 1-494
- Okun', L.B. On the search for new long-range forces 1-10132
- Okun, L.B. *see* Kobzarev, I.Yu. 1-36838
- Okunev, V.D. Influence of the geometry of samples on the filamentation of current in amorphous germanium 1-3027
- Okunev, V.D. Negative differential resistance in amorphous germanium. I. Fundamental dependence of current-voltage curve parameters on specimen geometry 1-47668
- Okunev, V.D., Otman, Ya.I., Yurov, A.G. Properties of amorphous CdGeAs₂ films obtained by cathode sputtering 1-20747
- Okuneva, N.M. *see* Zhitarev, V.E. 1-25123
- Okunewick, J.P. *see* Seaman, P.R. 1-26964
- Okuno, H. *see* Sasaki, T. 1-41042
- Okuno, K., Iwami, M., Hiraki, A. Initial stage of metal/Si interface formation at room temperature 1-52364
- Okuno, K. *see* Iwami, M. 1-30819
- Okuno, K. *see* Kaneko, Y. 1-46109
- Okuno, K. *see* Kim, H. 1-52420
- Okuno, K. *see* Sataka, M. 1-28126
- Okuno, K. *see* Tsuji, H. 1-46910
- Okuno, O., Miura, I. Ductile fracture analysis by Monte Carlo simulation 1-29622
- Okuno, T. *see* Wakita, S. 1-12529
- Okuo, T., Nomura, O., Homma, T., Yonemochi, G., Okubo, T., Kose, S., Iwasa, M. Development of materials for high performance channels of oil-fired MHD generators 1-17224
- Okuo, T. *see* Nomura, O. 1-17225
- Okusawa, T. *see* Suzuki, A. 1-23524
- Okushi, H., Tokumaru, Y. A modulated DLTS method for large signal analysis (C²-DLTS) 1-42716
- Okushi, H., Yamasaki, S., Nakagawa, K., Matsuda, A., Matsumura, M., Tanaka, K., Iizima, S. A new model for the carrier transport in amorphous Si:H Schottky barrier diodes 1-8709
- Okushi, H. *see* Tokumaru, Y. 1-47554
- Okuta, M., Tsukada, K. Some hydro-meteorological aspects of rainfall related to the climatic division in Japan 1-4573
- Okutani, T., Shikata, M., Shimizu, R. Investigation on surface compositions of Cu-Ni alloy under Ar⁺ ion bombardment by ISS and in situ AES measurements 1-8182
- Okutani, T., Shimizu, R. Simultaneous measurements of photon and secondary ion emissions from ion-bombarded metal surfaces 1-31270
- Okutani, T., Shono, K., Shimizu, R. A compact Cs-evaporator for high sensitivity SIMS 1-28117
- Okutsu, E. Measurement of plasma density with nonlinear ion acoustic waves 1-31595
- Okutsu, E. Nonlinear cylindrical or spherical converging ion-acoustic pulses 1-42153
- Okutsu, E., Schott, L. Effect of second harmonic on recurrence of ion acoustic wave 1-38087
- Okutsu, E., Schott, L. Nonlinear diverging ion-acoustic waves 1-51943
- Okuyama, K., Gundlach, K.H., Hartfuss, H.J. Preparation of small-area Josephson junction using the scratched edge of a Pb/In layer 1-42908
- Okuyama, K., Sugawara, S., Kumagai, Y. Surface state density of evaporated SiO₂-Te MIS structure 1-20876
- Okuyama, M., Saji, K., Adachi, T., Okamoto, H., Hamakawa, Y. Selective absorber using glow-discharge amorphous silicon for solar photothermal conversion 1-13172
- Okuyama, M. *see* Yamane, M. 1-14672
- Okuyama, T. *see* Ohmae, N. 1-26635
- Okuzawa, T. Small-scale fluctuations in the HF-Doppler signals of the F-region ionosphere over Central Japan 1-54312
- Okuzawa, T., Nguyen, T.H. Scattering from electron density irregularities in a compressible anisotropic plasma 1-19906
- Okyere, E.W. *see* Jester, W.A. 1-45744
- Oladiran, E.O. *see* Ette, A.I. 1-4594, 1-4595
- Olah, K., Noszticzus, Z., Vajta, Zs., Patonay, G. CH-monitor using a membrane permeator combined with a flame ionization detector 1-32075
- Olah, K. *see* Melkonian, A.S. 1-36293
- Olaision, R. *see* Norstrom, H. 1-278, 1-39238
- Olalde, G. *see* Rociaris, F. 1-17265
- Olami, Z. *see* Eckstein, Y. 1-25528
- Olander, D.R. Interaction of stresses with inclusions in solids—a review 1-11917
- Olander, D.R. Interpretation of tracer surface diffusion experiments on UO₂—roles of gas and solid transport processes 1-42560
- Olander, N. *see* Westerlund, B.E. 1-49540

- Olan, C.A., Poppel, W.G.L. Kinematics of interstellar H I in the region $320^{\circ} \leq \text{RA} \leq 341^{\circ}$, $+7^{\circ} \leq \text{dec} \leq +26^{\circ}$ 1-49768
- Olariu, S., Popescu, I., Collins, C.B. Tuning of γ -ray processes with high power optical radiation 1-36926
- Olariu, S., Popescu, I., Collins, C.B. Multiphoton generation of optical sidebands to nuclear transitions 1-45456
- Olausen, K. see Bergstrom, T.H. 1-28251
- Olausen, K. see Høye, J.S. 1-27859, 1-27907
- Olbertz, A.H.M. see Bormans, B.J.M. 1-6591
- Olbrich, G. see Bachler, V. 1-51131
- Olbrich, G. see Barentzen, H. 1-28890
- Olcak, D., Murin, J., Oravcova, J., Rakos, M., Simo, R., Starigazda, J., Rjasko, J. Influence of moisture on molecular motion in Nylon 4 studied by NMR 1-15811
- Olcak, D. see Murin, J. 1-52849
- Olcese, G.L. see Bruzzzone, G. 1-15837, 1-43814
- Olcese, G.L. see Iandelli, A. 1-34492
- Olch, A.J., Graham, L.S., Uzsler, J.M., Holly, F.E. Effect of various parameters on field uniformity corrections in scintillation cameras 1-35885
- Old, C.F. Liquid metal embrittlement of nuclear materials 1-3968
- Old, C.F., Trevena, P. A suggested method for the prediction of liquid metal embrittlement 1-39458
- Oldakowski, C.C. see Christensen, R.G. 1-48265
- Oldenburg, R.C. see Rice, W.W. 1-10776
- Oldershaw, G.A. see Gould, P.L. 1-31830
- Oldfield, J.W., Sutton, W.H. New technique for predicting the performance of stainless steels in sea water and other chloride-containing environments 1-12921
- Oldfield, W. see Lacy, P.D. 1-36689
- Oldham, D.J., Mohsen, E.A. A technique for predicting the performance of self-protecting buildings with respect to traffic noise 1-29464
- Oldham, T.R. see Gilbert, R.M. 1-33813
- Oldiges, H. see Fingerhut, R. 1-13294
- Oldroyd, D.R. Sir Archibald Geikie (1835-1924), geologist, romantic aesthete, and historian of geology: the problem of Whig historiography of science 1-5069
- Olds, F.C. Spent fuel storage facility 1-5911
- Olds, L.E., Miller, W.C., Pallo, J.M. High temperature alumina-silicate fibers stabilized with Cr_2O_3 1-31388
- Oldyrev, P.P., Parfeev, V.M. Adaptation of the machine type UKI for tests under rigid loading 1-16994
- Oleari, L. see Day, P. 1-30687
- O'Leary, B. Searching for other planetary systems 1-13816
- O'Leary, B. The stormy Sun 1-27460
- O'Leary, D.J. see Millodot, M. 1-43867
- O'Leary, M.J., Clements, L.D. Thermal-electric performance analysis for actively cooled, concentrating photovoltaic systems 1-13131
- Olego, D., Cardona, M. Photoluminescence in heavily doped GaAs. I. Temperature and hole-concentration dependence 1-3479
- Olego, D., Cardona, M., Muller, H. Photoluminescence in heavily doped GaAs. II. Hydrostatic pressure dependence 1-3480
- Olego, D., Cardona, M., Muller, H. Hydrostatic pressure dependence of the photoluminescence in heavily doped GaAs 1-48134
- Olego, D., Cardona, M., Rossler, U. Intra- and inter-valence-band electronic Raman scattering in heavily doped p-GaAs 1-3407
- Olego, D. see Carlone, C. 1-21201
- Olella, J. Calculation of heat transfer in heat exchangers using regression analysis 1-19550
- Oleinik, A.S. see Zhukov, A.G. 1-42654
- Oleinik, G.S. see Bochkov, A.V. 1-12864
- Oleinik, G.S. see Kurdymov, A.V. 1-3687
- Oleinik, G.S. see Tomashik, Z.F. 1-42511
- Oleinik, I.N. Influence of the s-d exchange interaction on paramagnetic effects in semiconductors 1-52843
- Oleinik, I.N., Yakovenko, V.M. Surface helicons at the semiconductor-ferrite interface 1-25752
- Oleinik, I.N., Yakovenko, V.M. Coupled surface helicon-spin waves on the semiconductor-ferrite boundary 1-42847
- Oleinik, V.P. see Abakarov, D.I. 1-40952
- Oleinik, V.P. see Vikhnina, G.V. 1-51345
- Oleinikov, A.Ya. see Bukharov, M.N. 1-49400
- Oleinikov, A.Ya. see Kiryukhin, S.V. 1-2235
- Oleinikov, L.Sh. see Chernykh, O.V. 1-40797
- Oleinikov, N.N. see Kuznetsova, M.A. 1-35207
- Oleinikov, V.A. see Ramendik, G.I. 1-52007
- Olejak, G. see Schildbach, K. 1-11163
- Olekhnovich, A.I. see Olekhnovich, N.M. 1-15750
- Olekhnovich, N.M. see Furmanova, N.G. 1-41515
- Olekhnovich, N.M., Markovich, V.L., Olekhnovich, A.I. On formalism of extinction correction within the validity limits of the mosaic model 1-15750
- Olekhnovich, N.M., Skidan, V.M. Dislocation density effect on the temperature dependence of the integrated intensity of Bragg reflections for Si 1-7182
- Oleksienko, M.M. see Petrenko, V.T. 1-3086
- Oleksiv, B.Ya. see Vitvitskii, V.I. 1-26706
- Olekskoi, A.I. see Koslov, A.T. 1-26455
- Olenik, S.C. see Haimes, Y.Y. 1-17633
- Olenin, A.V. see Alekseev, V.E. 1-33655
- Olerud, J. see O'Brien, W.D., Jr. 1-49082
- Oles, A.M. Correlation effects in the cohesion and magnetic properties of transition metals 1-34850
- Oles, A.M., Chao, K.A. Antiferromagnetic polarization induced by localized moments in metals 1-16427
- Oles, A.M., Oles, B., Chao, K.A. Ferromagnetic correlation in a Hubbard tetrahedron 1-20996
- Oles, A.M. see Nolting, W. 1-12029, 1-34621, 1-47469
- Oles, A.M. see Oles, B. 1-25877
- Oles, B., Oles, A.M., Chao, K.A. Thermodynamic properties of dilute magnetic alloys: Exact cluster solutions 1-25877
- Oles, B. see Oles, A.M. 1-20996
- Olesen, A.F.F. see Damgaard, S. 1-38365
- Olesen, H., Danielsen, M., Nicolaisen, E. Quantitative experimental results on modal distortion and comparison with theory based on AM-FM conversion [optical fibres] 1-11130
- Olesen, H.P., Randall, R.B., Klemke, I. Structural resonances—mechanical impedance—complex modulus of elasticity. VIII 1-27966
- Olesen, H.P., Randall, R.B., Klemke, I. Structural resonances—mechanical impedance—complex modulus of elasticity. VII 1-33939
- Olesen, H.P., Randall, R.B., Klemke, I. Structural resonances—mechanical impedance—complex modulus of elasticity. V 1-19662
- Olesen, P. see Ambjorn, J. 1-5564, 1-10076
- Olesh, O.M. see Yarmolyuk, Ya.P. 1-2396
- Oleshchuk, V.A. see Bondarovich, G.C. 1-18202
- Olesk, A.O. see Petukhov, A.P. 1-38150, 1-42516
- Oleszkiewicz, E. see Idczak, E. 1-16621
- Oletin, G.I., Spivak, L.V., Utrobina, I.K., Khaldeev, G.V., Shaidurov, V.S. Residual stresses in tungsten deposited from the vapor phase 1-48431
- Olevskii, S.S., Repko, V.P. Use of Auger spectroscopy to investigate SiO_2 films 1-12607
- Olfe, D.B., Rottman, J.W. Some new highest-wave solutions for deep-water waves of permanent form 1-11413
- Olgin Kinyones, S., Ivanov-Emin, B.I. Thermal decomposition of alkali metal and ammonium hexamolybdenoferrate (III) hydrates 1-17043
- Oliaro, G.E. see Schmidlin, P. 1-6025
- Olijhoek, J.F. see van Maaren, M.H. 1-7352
- Oliker, V.E. see Zhorniyak, A.F. 1-31385, 1-53136
- Olikh, Ya.M. see Belyaev, A.D. 1-52235
- Olikhova, M.A. see Malinochka, Ya.N. 1-3746
- Olimov, K., Yuldashev, A.A., Yuldashev, B.C. On the nature of fast "leading" π^+ -mesons in π^-N and $\pi^-^{12}\text{C}$ -interactions at 40 GeV/c 1-28501
- Olimov, K. see Azimov, S.A. 1-36888, 1-36954
- Olin, I.D. see Lewis, B.L. 1-4527
- Olinphant, T. Dynamic and quasi-equilibrium Lagrangian MHD in 1-D 1-38073
- Olinphant, T. see Caird, R.S. 1-33018
- Olinphant, W.F. see Young, F.C. 1-45778
- Olisov, A.N. see Osasyuk, V.V. 1-1842
- Oliva, A. see Falcone, G. 1-46056
- Oliva, J. see Mateos, F. 1-51580
- Oliva, J. see Nieminen, R.M. 1-12612
- Olivain, J. see Gervais, F. 1-11554
- Oliver, J., Baby, J.P. Analysis of the hydrodynamic stability of natural circulation boilers 1-28566
- Oliver, K.A. Antiproton production in the nuclear fireball model of relativistic heavy ion collisions 1-5792
- Oliver, K.A., Turner, M.S., Stecker, F.W. Comment on the consistency of the standard model of primordial nucleosynthesis 1-44685
- Oliver, K.A. see Fry, J.N. 1-27642, 1-27643, 1-32784
- Oliveira, A.D. de see de Oliveira, A.D.
- Oliveira, A.E. see Trindade, H.A. 1-17331
- Oliveira, A.L. de see de Oliveira, A.L.
- Oliveira, C.G. On the local properties of the "metric tensor" $G_{\mu\nu}$ of the unified matrix theory of gravitation, electromagnetism and the Yang-Mills field 1-5205
- Oliveira, J. Duarte De see Duarte De Oliveira, J.
- Oliveira, L.A.R. de see de Oliveira, L.A.R.
- Oliveira, L.R., Sturm, K. Loss anisotropy and plasmon bands in covalent semiconductors 1-47516
- Oliveira, L.E., Sturm, K. High-frequency dielectric properties of covalent semiconductors within the nearly-free-electron approximation. II. The two-plasmon-band model 1-38736
- Oliveira, L.E. see Sturm, K. 1-38735
- Olivera, L.F., Maciel, C.C., Soto, J.B., Arrieta, L.A. Reliability analysis of some safety systems of Angra-1 power plant 1-5926
- Oliveira, M. de see de Oliveira, M.
- Oliveira, M.J. de see de Oliveira, M.J.
- Oliveira, P. Murilo see Murilo Oliveira, P.
- Oliveira, P.M.C. de see de Oliveira, P.M.C.
- Oliver, A.J. The prediction of turbulent flow and heat transfer over backward facing steps 1-19720
- Oliver, C.C. see Diaz, N.J. 1-14583, 1-18717
- Oliver, D.D. see Linford, R.B. 1-5957
- Oliver, D.R., Shahidullah, M. High shear rate normal stress measurement for hot, polymer-thickened oils using the jet thrust method 1-38030
- Oliver, G. see Bendjaballah, C. 1-19318
- Oliver, J. see Brown, L.D. 1-13432
- Oliver, J.E. see Brewer, J.A. 1-13622
- Oliver, J.E. see Cook, F.A. 1-32430
- Oliver, L. see Gavela, M.B. 1-33142, 1-33164
- Oliver, M. see Brittain, I. 1-33332
- Oliver, M.J. see Syed, A.A. 1-1790
- Oliver, W.A., Dong, S.B., Yeh, C. Triangular ridge acoustic waveguide and coupler 1-37676
- Oliver, W.C. see Singer, R.F. 1-26482
- Oliver, W.L. Improved Millstone Hill exospheric temperature measurements: evidence for a seasonal variation of the magnetic activity effect 1-4671
- Oliversen, N.A. see Anderson, C.M. 1-49671
- Olivi, A. see Breschi, R. 1-16746
- Oliver, J. Low-energy electron losses by plasmon excitations as control means of the growth of epitaxial layers 1-16203
- Oliver, J., Faulconnier, P., Poirier, R. Electron-stimulated oxidation of InP(100) surfaces studied by Auger electron spectroscopy and by low-energy-loss spectroscopy 1-8169
- Oliver, M., Peuzin, J.C., Chenevas-Paule, A. Guided wave optical spectroscopy of a-Si:H. Determination of absorption spectrum between 0.8 and 1.9 eV 1-53004
- Oliver, M., Peuzin, J.-C., Danel, J.-S., Challeton, D. Absorption spectra of garnet films between 1.0 and 1.8 μm by guided-wave optical spectroscopy 1-48179
- Oliver-Fourcade, J. see Jumas, J.C. 1-30155
- Oliveri, B. see Severini, M. 1-13511
- Olkhovskii, I.I. On the statistical distribution functions of the anharmonic crystal 1-27901
- Olkiewicz, K. see Gottgens, R. 1-50472
- Olkiewicz, K. see Ko, W. 1-10263
- Ol'kin, S.I. Method of predicting endurance with alternating creep and fatigue at the crack initiation and growth states 1-12869
- Oller, D.K. see Eilers, R.E. 1-4295
- Ollerhead, R. see Bottiger, J. 1-12618
- Olley, R.H. see Bassett, D.C. 1-30101
- Ollikkala, H. see Miettinen, J. 1-50812
- Ollila, H., Valjus, J. Soil resistivity in Finland as regards the effects of earth-fault currents 1-4424
- Olmedilla, E., Martinez Alonso, L., Guil, F. Infinite-dimensional Hamiltonian systems associated with matrix Schrödinger operator 1-40668
- Olmer, C. see Bini, M. 1-14541
- Olmer, C. see Sanders, S.J. 1-14503
- Olmo, M.A. del see del Olmo, M.A.
- Olmstead, M.A. see Cohen, E. 1-3477
- Olmstead, M.M. see Iwasa, Y. 1-53627
- Olmstead, R. see McNeil, T. 1-50899
- Olness, J.W. see Warburton, E.K. 1-50558
- Olson, F.M., Winnberg, A., Matthews, H.E., Schultz, G.V. Mass emission from infrared stars. I. New OH and H₂O observations 1-9525
- Olofsson, H. see Eldler, J. 1-49774
- Olofsson, H. see Rydbeck, O.E.H. 1-49838
- Oloyashnikov, V.M. see Aleksandrov, A.L. 1-9151
- Olsen, A. see Spence, J.C.H. 1-24492
- Olsen, B.R. see Handley, D.A. 1-44895
- Olsen, E.O. see Holst, P.A. 1-23256
- Olsen, G.H. InGaAsP laser diodes 1-37509
- Olsen, G.H., Zamerowski, T.J. Vapor-phase growth of (In,Ga)(As,P) quaternary alloys 1-48267
- Olsen, G.H., Zamerowski, T.Z., Smith, R.T., Bertin, E.P. InGaAsP quaternary alloys: composition, refractive index and lattice mismatch 1-11990
- Olsen, G.H. see Bhattacharya, P.K. 1-47766
- Olsen, G.H. see Channin, D.J. 1-46347
- Olsen, H.A., Oslund, P., Overbo, I. Flavour separation by means of transverse beam polarization in high-energy e^+e^- annihilation 1-18498
- Olsen, H.A. see Olsen, O.E. 1-14318
- Olsen, J. Staun see Staun Olsen, J.
- Olsen, K.H., Braille, L.W., Johnson, P.A. Seismic velocity and Q-structure of the upper mantle lid and low velocity zone for the eastern Great Basin 1-40092
- Olsen, L.C., Barton, D.L., Miller, W., Garnier, J.E., Turcotte, R.P. Physical structure of Al-Psi metal-insulator semiconductor solar cells 1-43758
- Olsen, O.E., Olsen, H.A., Flo, P.G. Photon circular polarization as a neutral current effect in bremsstrahlung and pair production 1-14318
- Olsen, O.H., Samuelsen, M.R. Interaction between solitary wave solutions to a double sine-Gordon equation 1-33099
- Olsen, O.H. see Christiansen, P.L. 1-34833
- Olsen, P.T., Cage, M.E., Phillips, W.D., Williams, E.R. The realization of the Ampere at NBS 1-36602
- Olsen, P.T., Phillips, W.D., Williams, E.R. A proposed coil system for the improved realization of the absolute ampere 1-36702

- Olsen, R.B. Demonstration of heat to electrical energy conversion with a ferroelectric material 1-53633
- Olsen, R.B., Butler, W.F., Payne, D.A., Tuttle, B.A., Heid, P.C. Observation of a polarocaloric (electrocaloric) effect of 2°C in lead zirconate modified with Sn^{4+} and Ti^{4+} 1-16531
- Olsen, R.L. *see* Hendry, A. 1-49324
- Olsen, R.L. *see* Kheirallah, H.N. 1-54162
- Olsen, S.L. A review of charmed particle production in hadronic collisions 1-45380
- Olsen, S.L. *see* Bebek, C. 1-33191
- Olsen, S.L. *see* Chadwick, K. 1-33192
- Oli'shanetskii, B.Z., Rzhanoov, A.V. One dimensional periodic structures on high index Si surfaces 1-2786
- Oli'shanetskii, M.A. *see* Degasperis, A. 1-18070
- Oli'shanetskii, V.P. Local stresses in cylindrical shell loaded along an elliptical area 1-15408
- Oli'shanetskii, V.Yu. Two methods for calculating the load on the surface of a slender body executing axisymmetric vibrations in a sonic gas flow 1-51795
- Oli'shevskii, A.A. *see* Mirovtorski, V.S. 1-47294
- Oli'shevskii, A.A. *see* Mirovtorski, V.S. 1-16106
- Oli'shevskii, A.G. *see* Galperin, A.S. 1-10259
- Oli'shevskii, Yu.N. *see* Basov, N.G. 1-6597
- Olson, A.P. *see* Chao, J. 1-28546
- Olson, A.W. *see* Bradley, R.T. 1-14612
- Olson, B.I. *see* Richer, H.B. 1-32771
- Olson, C.G., Lynch, D.W. Thermomodulated EXAFS of soft X-ray absorption edges 1-31237
- Olson, C.G. *see* Asnes, D.E. 1-48219
- Olson, C.G. *see* Kelso, S.M. 1-3430
- Olson, C.G. *see* Lynch, D.W. 1-26232
- Olson, C.L. *see* Poukey, J.W. 1-41553
- Olson, D.B. The physical oceanography of two rings observed by the Cyclonic Ring Experiment. II. Dynamics 1-17597
- Olson, D.E. *see* Jackson, A.C. 1-13297
- Olson, D.H. *see* Bergman, J.G. 1-39169
- Olson, D.H. *see* Nassau, K. 1-34505
- Olson, D.L. *see* Berman, B.L. 1-18637
- Olson, D.L. *see* Spencer, R.E. 1-16880
- Olson, D.N. *see* Abraham, M.M. 1-38980
- Olson, D.W. *see* Hoffman, G.L. 1-49829
- Olson, E.C. U Cephei: effects of disk, hot spot, and stream on primary eclipse light curves 1-36328
- Olson, E.C. *see* Crawford, R.C. 1-49738
- Olson, G.B., Bartels, P.H. Computer discrimination of splenocytes and peripheral blood lymphocytes from mice infected with Friend murine leukemia virus 1-35922
- Olson, G.B., Bartels, P.H., Bartels, H.G., Brooks, D.E., Seaman, G.V.F. Computer-controlled electrophoresis microscope 1-53948
- Olson, G.L., Kolkowski, S.A., McFarlane, R.A., Hess, L.D. Direct observation of laser-induced solid phase epitaxial crystallization by time-resolved optical reflectivity 1-52446
- Olson, H.F. The quest for directional microphones at RCA 1-15351
- Olson, H.G., Brey, H.L., Swart, F.E. The Fort St. Vrain high temperature gas-cooled reactor. V. Steam system performance tests 1-36987
- Olson, H.G., Brey, H.L., Swart, F.E. The Fort St. Vrain high temperature gas-cooled reactor. VI. Evaluation and removal of primary coolant contaminants 1-36988
- Olson, H.G., Brey, H.L., Swart, F.E. The Fort St. Vrain high temperature gas-cooled reactor. IV. Rise to power test program 1-37008
- Olson, H.G., Brey, H.L., Swart, F.E., Mathie, F.M. The Fort St. Vrain high temperature gas-cooled reactor. XI. Control rod drive and orifice assemblies 1-37009
- Olson, H.G. *see* Brey, H.L. 1-50788
- Olson, H.G. *see* Powers, D. 1-1332
- Olson, J.V. *see* Lee, J.C. 1-22638
- Olson, J.V. *see* Wescott, E.M. 1-40251
- Olson, L.E., Robinson, N.E. Effect of vagal stimulation on collateral flow resistance in dog lungs 1-26927
- Olson, R. Polyene insulation coatings for the coil winding industry 1-53366
- Olson, R.E. Cross-section scaling dependences in low-energy heavy-particle collisions 1-10831
- Olson, R.E., Liu, B. Interactions of H and H⁺ with He and Ne 1-1319
- Olson, R.E., Liu, B. Interaction energies for low-lying electronic states of NaH and NaH⁺: scattering of H⁺ by alkali atoms 1-6175
- Olson, R.E. *see* Shipsey, E.J. 1-46108
- Olson, R.W., Fayer, M.D. Site-dependent vibronic line widths and relaxation in the mixed molecular crystal pentacene in p-terphenyl 1-15965
- Olson, T. *see* Harrison, J. 1-33659
- Olson, W.B. *see* Sams, R.L. 1-37197
- Olson, W.H. *see* Moody, G.B. 1-17514
- Olson, W.S. *see* Weinman, J.A. 1-40188
- Olsson, J., Steffen, P., Goddard, M.C., Pearce, G.F., Nozaki, T. Pattern recognition programs for the JADE jet-chambers 1-14769
- Olsson, J. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Olsson, J. *see* O'Neill, L.H., Jr. 1-50443
- Olsson, J.O. *see* Holmlid, L. 1-50172
- Olsson, L.G. *see* Dahlborg, U. 1-30033
- Olsson, M.G. *see* Miller, K.J. 1-14405
- Olsson, O. VLF anomalies from a perfectly conducting half plane below an overburden 1-4417
- Olzanski, S. *see* Kranska, J. 1-39763
- Olzowski, K.J., Adamski, J., Bucko, J., Pislewski, N., Fischer, Z. NMR study of the malignancy index and water content in a tumor uterus muscle 1-39979
- Olzowski, W.J., Jr. The geochronology of some stratified metamorphic rocks in northeastern Massachusetts 1-54020
- Olteanu, M., Herdlicka, G. High pressure technique and its application for molten salt studies 1-14133
- Olunloyo, V.O.S. *see* Hutter, K. 1-17629
- Oluwafemi, C.O. Some measurements of the extinction coefficients of solar radiation in Lagos 1-4596
- Olzak, L.A., Thomas, J.P. Gratings. Why frequency discrimination is sometimes better than detection 1-39921
- Olzi, E. *see* Jehn, H. 1-8331
- Om Pal Singh *see* John, T.M. 1-33283
- Omae, T. *see* Deguchi, K. 1-39612
- O'Mahoney, R. *see* Brittain, I. 1-33332
- O'Malley, D.C. Operational application of sferics detection equipment at NWSFO, Minneapolis, Minn 1-44312
- O'Malley, T.F., Crompton, R.W. Electron-neon scattering length and S-wave phaseshifts from drift velocities 1-1366
- O'Malley, T.F. *see* Cunningham, A.J. 1-46141
- Oman, C.M., Bock, O.L., Huang, J.-K. Visually induced self-motion sensation adapts rapidly to left-right visual reversal 1-26905
- Oman, C.M. *see* Tole, J.R. 1-13341
- Omanov, Sh. *see* Alikov, B.A. 1-659
- Omanov, Sh. *see* Vylvov, L. 1-45422
- O'Mara, B.J. *see* Aller, L.H. 1-44638
- Omarov, E.S. *see* Ishkanov, B.S. 1-5703, 1-36947, 1-50569
- Omarov, O.A., Rukhadze, A.A. Plasma stage in the avalanche during spark breakdown of gases 1-24922
- Omata, F. *see* Ido, S. 1-5440
- Omata, S., Morita, S. Investigations of horizontal contact resonance of rectangular rigid bodies 1-29609
- Omata, Y. *see* Adachi, K. 1-16423, 1-38796
- Omatu, K. *see* Morita, Y. 1-53741
- Ombrellaro, P.A., Harris, R.A., Daughtry, J.W., Bennett, R.A. Evaluation of MSM for assessing subcritical reactivities in FFTF 1-50720
- O'Meara, S., Bortle, J. Comet Bradfield (1980) 1-36223
- O'Meara, S. *see* Bowell, E. 1-32663
- Omelachenko, A.S. *see* Bratashvskii, A.S. 1-5633
- Omel'chenko, A.N. *see* Vaisberg, O.L. 1-9340, 1-54324
- Omel'yanchouk, A.N., Tuluzov, I.G. Electrical conductivity of metallic microcontacts containing magnetic impurities 1-20857
- Omel'yanchuk, A.N. *see* Kulik, I.O. 1-47806
- Omenetto, N., Nikdel, S., Reeves, R.D., Bradshaw, J.B., Bower, J.N., Winefordner, J.D. Relative spatial profiles of barium ion and atom in the argon inductively coupled plasma as obtained by laser excited fluorescence 1-10691
- Omero, C. *see* Gava, E. 1-23419, 1-28273, 1-50339
- Omero, C. *see* Ghirardi, G.C. 1-5131
- Omet, C. *see* Abbondanno, U. 1-14490
- Omi, N. *see* Hama, Y. 1-31206
- Omidvar, K. Two-photon excitation cross section in light and intermediate atoms in frozen-core LS-coupling approximation 1-1198
- Ommen, A.H. Van *see* Van Ommen, A.H.
- Ommering, G. Van *see* Van Ommen, G.
- Omodaka, T. *see* Hayashi, Y. 1-20923
- Omodaka, T. *see* Kawabata, K. 1-4871
- Omodaka, T. *see* Takano, T. 1-16412
- Omori, S., Moriyama, J. Thermodynamic properties of Fe₂B and FeB by EMF measurements of cells with solid oxide electrolytes 1-34490
- Omori, Y. *see* Akiyama, M. 1-11203
- Omote, K. *see* Nakahira, M. 1-29403
- Omote, M., Michihiro, Y., Watati, M. A Backlund transformation of the axially symmetric stationary Einstein-Maxwell equations 1-136
- Omote, M., Takahashi, Y. A note on the axial vector interaction in QED 1-36833
- Omoto, M. *see* Tanaka, T. 1-33584, 1-33585
- Omoto, O. *see* Nagatomo, T. 1-4189
- Omrani, T.A., El-Sayed, A.B., El-Shorbagy, K.A. Sound absorption by wood in relation to anatomical and mechanical properties 1-29424
- Omrani, H. *see* Theobald, F. 1-30153
- Oms, J. *see* Abreu, M.C. 1-23598
- Omura, I., Yamashita, S., Yamada, K., Nagata, S., Takakura, K. Preparation of dry membranes of ethylene-vinyl alcohol copolymer for hemodialysis. II 1-39299
- Omura, Y., Corset, J., Moravie, R.M. Rotational isomerism of t-butyl formate: study by vibrational spectrometry of solvents and cations 1-46162
- Onaka, R. A vacuum Fery polarizing monochromator 1-46539
- Onaka, R. *see* Kinno, S. 1-12625
- Onaka, R. *see* Matsumoto, S. 1-12474
- Onari, S. *see* Arai, T. 1-47440
- Onari, S. *see* Kato, M. 1-26192
- Onca, K., Truhlar, D.G., Brandt, M.A. New version of program for calculating differential and integral cross sections for quantum mechanical scattering problems from reactance or transition matrices 1-23033
- Onchi, M. *see* Kato, H. 1-3549
- Onchi, M. *see* Sakisaka, Y. 1-16638
- Onchi, T., Kayano, H., Higashiguchi, Y. Effect of neutron irradiation on fracture behavior of zirconium 1-2521
- Onda, K., Truhlar, D.G. Quantum mechanical study of elastic scattering and rotational excitation of CO by electrons 1-6384
- Onda, K. *see* Thirumalai, D. 1-10852, 1-37117, 1-37340
- Onda, K. *see* Truhlar, D.G. 1-46055
- Onda, M. *see* Matsumura, M. 1-11438
- Onderdelinden, D. *see* Reijnders, H.F.R. 1-43844
- Onderwaater, J. Magnetic resonance investigations of some two-dimensional manganese compounds 1-47940
- Ondoh, T., Nakamura, Y., Watanabe, S., Murakami, T. Narrow-band 5 kHz hiss observed in the vicinity of the plasmapause 1-44384
- Ondrechen, M.J., Andresen, B., Berry, R.S. Thermodynamics in finite time: processes with temperature-dependent chemical reactions 1-35520
- O'Neal, D.L. *see* Martin, J.K. 1-48901
- O'Neal, W.C. *see* Monjes, J.A. 1-33737
- O'neida, S., Tanuma, T., Toiya, T., Slaughter, M.D. Hyperon magnetic moments and the $1 \rightarrow 0^+ + \gamma$ decays 1-45284
- O'neida, R.J., Kukiela, C.A., Becraft, W.R. The thermal consequences for the first wall of a deuterium-tritium-fueled Tokamak due to a major plasma disruption 1-899
- O'Neill, J.J. *see* Takezawa, J. 1-22029
- O'Neill, J.R., Hanks, T.C. Geochemical evidence for water-rock interaction along the San Andreas and Garlock faults of California 1-27214
- O'Neill, S.V. *see* Pitchford, L.C. 1-24911
- O'Neill, T.M. A confinement theorem for nonneutral plasmas 1-19934
- O'Neill, F. *see* Craddock, D. 1-29270
- O'Neill, F. *see* Edwards, C.B. 1-41672
- O'Neill, G.F. *see* Clark, H.J. 1-18836
- O'Neill, G.P. *see* Yarwood, J. 1-33040
- O'Neill, J.A. *see* Kernahan, J.A. 1-1153
- O'Neill, L.H. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- O'Neill, L.H., Jr., Bartel, W., Canzler, T., Cords, D., Dittman, R., Eichler, R., Feist, R., Haidt, D., Kawabata, S., Krehbiel, H., Naroska, B., O'Neill, L.H., Olsson, J., Steffen, P., Yen, W.L., Elsen, E., Helm, M., Petersen, A., Warming, P., Weber, G., Drumm, H., Heintze, J., Heinzelmann, G., Heuer, R.D., von Krogh, J., Lennert, P., Matsumura, H., Nozaki, T., Rieseberg, H., Wagner, A., Darvill, D.C., Foster, F., Hughes, G., Wriedt, H., Allison, J., Ball, A.H., Duerdoh, I., Hassard, J., Loebeinger, F., McCann, H., King, B., Macbeth, A., Mills, H., Murphy, P.G., Prosper, H., Stephens, K., Clarke, D., Goddard, M.C., Marshall, R., Pearce, G.F., Imori, M., Kobayashi, T., Komamiya, S., Koshida, M., Minowa, M., Orito, S., Sato, A., Suda, T., Takeda, H., Totisaka, Y., Watanabe, Y., Yamada, S., Yanagisawa, C. Recent results from the JADE collaboration at PETRA on annihilation to multihadrons 1-50443
- O'Neill, M.E. *see* Davis, A.M.J. 1-51859
- O'Neill, M.E. *see* Goren, S.L. 1-19727
- O'Neill, R.V. *see* Gardner, R.H. 1-36005
- Onel, K., Nutting, J. Recrystallization and grain growth in deformed and tempered carbon steels 1-53202
- Onffroy, J.R., Stoltzmann, D.E., Lin, R.J.H., Knowles, G.R. High efficiency concentration/multi-solar cell system for orbital power generation 1-48858
- Ong, C.L. Study of a model with horizontal gauge symmetry at the one-loop level 1-33147
- Ong, G.H. *see* Teh, H.C. 1-31916
- Ong, K.S. Crop and timber drying in Malaysia: proposed plans for studies 1-17298
- Ong, N.P., Gould, C.M. Frequency pulling and heterodyning observed in voltage spectrum of the Frohlich conductor NbSe₃ 1-42837
- Ong, N.P. *see* Brill, J.W. 1-47625
- Ong, R.S.B. *see* Sheerin, J.P. 1-2177
- Ong, S. *see* Deifre, M. 1-45381
- Ong, W. *see* Tambe, B.R. 1-45917
- Ong, Chong Kim *see* Chong Kim Ong
- O'Neill, L.H. *see* O'Neill, L.H., Jr. 1-50443
- Onigman, P. *see* Rosenberry, T.L. 1-53944
- Onischak, M. *see* Lavan, Z. 1-17283
- Onishchenko, G.V. *see* Lebedev, V.N. 1-50481
- Onishchenko, I.I. *see* Chizhek, A. 1-48427

- Onishchenko, I.N., Sotnikov, G.V. The effect of low-frequency oscillations on the development of plasma beam discharge 1-19901
- Onishchenko, I.N. *see* Bliokh, Yu.P. 1-38117, 1-51961
- Onishchenko, O.G. On the cyclotron instability of a relativistic plasma 1-49701
- Onishchenko, T.A. Diamagnetism of band electrons in macroscopically inhomogeneous crystals 1-52744
- Onishchuk, S.G. *see* Katshonok, S.S. 1-18266
- Onishchukov, G.I. *see* Ezkhov, A.N. 1-33714
- Onishi, N., Horibata, T. A constrained Hartree-Fock-Bogoliubov equation derived from the double variational method 1-41067
- Onishi, S. *see* Katsuki, K. 1-31599
- Onishi, Y. *see* Katagiri, K. 1-16890, 1-42388
- Onley, D.S. *see* Dutta, S. 1-5807
- Onn, D.G. *see* Alexander, M.G. 1-38554
- Onn, D.G. *see* Grayson Alexander, M. 1-25451
- Ono, H. Hering's law of equal innervation and vergence eye movement 1-35768
- Ono, H., Sumino, K. Acceptors in n-type silicon crystals induced by plastic deformation 1-12062
- Ono, H. *see* Ogishi, S. 1-43307, 1-43467
- Ono, K. On early-stage-excitation processes of KrII and XeII lines in pulsed-electron-beam produced plasmas 1-19910
- Ono, K., Kamimoto, G., Fukuda, K. Emission spectra and self-terminating lasers of electron-beam-produced rare gas plasmas 1-24392
- Ono, K. *see* Kumasaka, K. 1-26637, 1-43544
- Ono, K. *see* Roman, I. 1-48462
- Ono, K. *see* Shinohara, M. 1-14127
- Ono, K. *see* Ueda, Y. 1-3696
- Ono, M., Porokolab, M., Chang, R.P.H. Parametric excitation of ion quasi-mode by the pump near the ion cyclotron frequency 1-2209
- Ono, M., Porokolab, M., Chang, R.P.H. Parametric decay into ion cyclotron waves and drift waves in multi-ion species plasma 1-2182
- Ono, M. *see* Kakuda, T. 1-9009
- Ono, M. *see* Shimizu, H. 1-16642, 1-53028
- Ono, S. Strong decay widths of bb states above threshold 1-50391
- Ono, S., Teiji, S. Vibrational temperature of $N_2X^+_{\Sigma}$ state in a weakly ionized nitrogen plasma 1-42253
- Ono, S. *see* Bertlmann, R.A. 1-14334
- Ono, S. *see* Suda, S. 1-20698
- Ono, T., Sakamoto, K., Okada, S. Radiation sensitivity of DNA molecules in situ in normal and neoplastic tissues of mice 1-53824
- Ono, Y., Linn, S.H., Prest, H.F., Gress, M.E., Ng, C.Y. Molecular beam photoionization study of carbon disulfide, carbon disulfide dimer and clusters 1-10789
- Ono, Y., Linn, S.H., Prest, H.F., Gress, M.E., Ng, C.Y. A study of the high Rydberg state and ion-molecule reactions of carbon disulfide using the molecular beam photoionization method 1-45873
- Ono, Y., Linn, S.H., Prest, H.F., Ng, C.Y., Miescher, E. Higher resolution photoionization study of NO near the threshold 1-37274
- Ono, Y., Nishida, N., Sakaguchi, M. Generalized design consideration of holographic scanners with aberration corrections 1-46258
- Ono, Y., Osuch, E.A., Ng, C.Y. Molecular beam photoionization study of OCS, (OCS)₂, (OCS)₃, and OCS₂CS₂ 1-41441
- Ono, Y. *see* Gecim, H.S. 1-12125
- Ono, Y. *see* Hennessy, R.J. 1-6296
- Ono, Y. *see* Okada, A. 1-53197
- Ono, Y.A. Theory of the low-temperature Seebeck coefficient in dilute alloys. II. The empty-core pseudopotential calculation 1-7596
- Ono, Y.A. Addendum to electron-phonon enhancement of the Seebeck coefficient in dilute alloys 1-30725
- Ono, Y.A., Taylor, P.L. Theory of the low-temperature Seebeck coefficient in dilute alloys 1-2947
- Ono, Y.A. *see* Hara, J. 1-30512
- Onoda, M., Saeki, M., Kawada, I. Intensity distribution in powder X-ray diffraction from non-stoichiometric titanium sulfide containing stacking faults 1-11640
- Onoda, M. *see* Bando, Y. 1-20149
- Onoda, M. *see* Saki, Y. 1-38346
- Onoda, N., Iino, M. Selective responses to odors of animal products in the neocortex neurons of rabbits 1-17414
- Onodera, A. *see* Kawada, K. 1-53145
- Onodera, M. *see* Kawamura, K. 1-17143
- Onodera, N. *see* Ito, H. 1-37504
- Onodera, S. *see* Lobato, E.M.L. 1-15053
- Onodera, Y. k-dependence of exciton longitudinal-transverse splitting 1-25638
- Onodera, Y. *see* Iwamatsu, M. 1-41460
- Onodera, Y. *see* Oya, G. 1-3126
- Onofri, E. The spectrum of a SU(N)-symmetric Hamiltonian in the 1/N-expansion 1-5522
- Onofri, E. A modified Bars-Durgut equation with polynomial eigenfunctions 1-5585
- Onofri, E. *see* Mondello, M. 1-28184
- Onogi, S. *see* Masuda, T. 1-33940
- Onogi, S. *see* Matsumoto, T. 1-1902
- Onokhov, A.P., Razumova, T.K., Starobogatov, I.O. Photoacoustic method of detecting pulsed radiation energy 1-346
- Onokhov, A.P. *see* Morichev, I.E. 1-26159
- Onorato, P.I.K., Uhlmann, D.R., Hopper, R.W. A kinetic treatment of glass formation. IV. Crystallization on reheating a glass 1-30082
- Onorato, P.I.K. *see* Klein, R.M. 1-43144
- Onorato, P.I.K. *see* Weinberg, M.C. 1-2635
- Onouki, K. *see* Ueki, M. 1-19541
- Onsgaard, J., Heiland, W., Taglauer, E. Adsorption and desorption of oxygen and carbon monoxide on the Si(111) surface studied by ion scattering spectroscopy 1-8181
- Onsgaard, J. *see* Morgen, P. 1-8171
- Onstott, T.C., Hargraves, R.B. Proterozoic transcurrent tectonics: palaeomagnetic evidence from Venezuela and Africa 1-35967
- Ontko, P.N., Will, M.B., Serenka, R.G. Optimization of BWR load-following operation 1-50735
- Onton, A. *see* Marrello, V. 1-21276
- Onufierko, J.H. LEED studies of some adsorption systems on the (100) and (110) surfaces of nickel 1-20575
- Onufriev, A.T. *see* Kurbatskii, A.F. 1-42014
- Onufriev, I.V. *see* Kessel'man, P.M. 1-15779
- Onufriev, V.D. *see* Zaluzhnyi, A.G. 1-5851
- Onuki, A. Helium near the superfluid transition under heat flow. Disordered phase 1-52373
- Onuki, A., Yamazaki, K., Kawasaki, K. Light scattering by critical fluids under shear flow 1-52958
- Onuki, H., Sugawara, F., Hirano, M., Yamaguchi, Y. Ultraviolet photoemission study of perovskite fluorides KMF₃ (M: Mn, Fe, Co, Ni, Cu, Zn) in the valence band region 1-43240
- Onuki, Y., Inada, R., Tanuma, S. Electrical and magnetic properties of Anderson localized state in IT-TaS₂-Se 1-47714
- Onuki, Y. *see* Kikkawa, S. 1-7677
- Onusich, H., Douglas, R.A. Propagation of errors in chromatographic coefficients (x,y) obtained from spectroradiometric curves 1-36718
- Onwumeli, C.A., Agu, C.E. General features of the magnetic field of the equatorial electrojet measured by the POGO satellites 1-32577
- Onyeguzbo, S.O. Convective instability of rotating radiating fluids 1-24795
- Onyeonwu, R.O. Commercialization of solar energy devices in developing countries—problems and prospects 1-21863
- Onyewuenyi, O.A., Hirth, J.P. The effect of hydrogen on microhardness of spheroidized AISI 1090 steel 1-53280
- Onyskiewicz, Z. Theory of collinear metamagnetism. II. High density expansion method 1-7836
- Onyskiewicz, Z. Theory of collinear metamagnetism. I. Unified treatment of field- and temperature-induced metamagnets 1-7835
- Onyskiewicz, Z. Theory of collinear metamagnetism. III. Magnons spectrum by renormalized high density expansion 1-7837
- Ooba, K. *see* Takeda, H. 1-23829
- Oobatake, M. *see* Nishikawa, K. 1-48952
- Ooga, Y. A discharge coefficient for the Moody critical flow model 1-5932
- Oogawara, A. *see* Umebayashi, S. 1-31403
- Oohashi, H. *see* Makishima, A. 1-31699
- Ooi, T., Nishikawa, K. Energy surface of protein molecule in the conformational phase space 1-39880
- Ooi, T. *see* Nishikawa, K. 1-48952
- Ooida, T. *see* Yamazaki, F. 1-9116
- Ooiwa, K. *see* Katayama, T. 1-3274
- Ookochi, Y. *see* Matsumura, T. 1-4572
- Ookubo, N., Mori, Y., Hayakawa, R., Wada, Y. A new method of dynamic electric birefringence measurement using a sinusoidal digital lock-in system 1-18272
- Oolbekkink, B. *see* Hemmes, R.J. 1-49470
- Ooms, G. *see* Sluman, T.J. 1-44230
- Omura, E., Higuchi, H., Hirano, R., Namizaki, H., Murotani, T., Susaki, W. Transverse mode control in InGaAsP/InP buried crescent diode lasers 1-33730
- Onk, H.A.J. *see* Brouwer, R. 1-20424
- Oono, Y., Osikawa, M. Chaos in nonlinear difference equations. I. Qualitative study of (formal) chaos 1-212
- Oore, M., Burns, D.J. Estimation of stress intensity factors for embedded irregular cracks subjected to arbitrary normal stress fields 1-19650
- Oort, J.H. Superclusters and Lyman α absorption lines in quasars 1-54641
- Oosenbrug, A. *see* Broom, R.F. 1-7778
- Oosenbrug, A. *see* Daetwyler, K. 1-53314
- Oostens, J. *see* Bizard, G. 1-5784
- Oostens, J. *see* McClelland, J.B. 1-28485
- Oosterbroek, M., Waterman, H.A., Wisell, S.S., Altena, E.G., Mellema, J., Kip, G.A.M. Automatic apparatus, based upon a nickel-tube resonator, for measuring the complex shear modulus of liquids in the kHz range 1-52211
- Oosthuizen, E.J. An elementary introduction to image analysis—a new field of interest at the National Institute for Metallurgy 1-4040
- Oostvoorn, F. *van* *see* van Oostvoorn, F.
- Oota, T., Yamai, I., Saito, H. Effects of fluoride and dehydration on the hydrothermal crystallization of TiO₂ 1-43256
- Ootuka, Y., Komori, F., Monden, Y., Kobayashi, S., Sasaki, W. Comment on 'variable range hopping in Si:P at very low temperature' surface conduction in Si:P 1-34711
- Ootuka, Y. *see* Kobayashi, S. 1-12089
- Ooyama, M. *see* Nakamura, Y. 1-15611
- Ooyama, M. *see* Stenzel, R.L. 1-6970
- Opachko, I.I., Fennich, P.A., Zapachochny, I.P., Medvedev, S.Yu. On population of metastable states of helium atoms in laser plasma 1-1140
- Opal, C.B. *see* Clarke, J.T. 1-13724
- Opal, C.B. *see* Strobel, D.F. 1-22614
- Opaseneko, V.F. *see* Beletskii, V.M. 1-16826
- Opasovovich, V.K., Kundrat, N.M. The elastic equilibrium of a plate, the edges of which are partially in contact 1-33931
- Opasnyuk, Yu.D. *see* Kravchenko, V.I. 1-41688
- Opava, U. *see* Gerhardt, B. 1-28328
- Opat, G.I. *see* De Roach, J. 1-36873
- Opawotowsky, L.B. *see* Ashton, R.A. 1-47319
- Opdyke, N.D. *see* Berggren, W.A. 1-17571
- Opdyke, N.D. *see* Javed Khan, M. 1-49203
- Opdyke, N.D. *see* Rice, P.D. 1-44099
- Opella, S.J., Cross, T.A., DiVerdi, J.A., Sturm, C.F. Nuclear magnetic resonance of the filamentous bacteriophage fd 1-8819
- Oper, A.-M.A. *see* Ellervce, A.F. 1-43124
- Opfermann, J. *see* Arnstadt, H. 1-5423
- Opfermann, J. *see* Klemm, D. 1-33062
- Oppenoorth, H.J., Pellinen, R.J., Maurer, H., Kupfers, F., Heikkilä, W.J., Kaila, K.U., Taniskanen, P. Ground-based observations of an onset of localized field-aligned currents during auroral breakup around magnetic midnight 1-4719
- Opel, T.R. *see* Clark, P.D. 1-18555, 1-41059
- Opel, T.R. *see* Eck, J.S. 1-36962
- Opel, T.R. *see* England, J.B.A. 1-18564
- Opel, T.R. *see* Kemper, K.W. 1-10313
- Opfer, R. *see* Falik, D. 1-54670
- Opfer, R. *see* Felsteiner, J. 1-31222
- Opfih, Z., Wilkes, G.L. SAXS analysis of a linear polyester and a linear polyether urethane—interfacial thickness determination 1-15817
- Opiliska, L., Opilski, A., Latacz, A. Relation between the energy gap and ultrasonic wave propagation velocities in semiconductors 1-15316
- Opilski, A. *see* Delektka, O. 1-15336
- Opilski, A. *see* Opiliska, L. 1-15316
- Opitz, C. *see* Muller, H. 1-53472
- Opjorden, R., Gillanders, M., Fodor, J. Thin, high efficiency silicon solar cells 1-39790
- Oplatka, G., Schmidt, G. Peak load coverage by thermal energy storage 1-17303
- Opilavin, V.S. *see* Bogatin, V.I. 1-18627
- Opp, A.G. *see* Northrop, T.G. 1-40307
- Oppelt, A. *see* Wiesinger, G. 1-47984
- Oppenheim, A.V., Hayes, M.H., Lim, J.S. Iterative procedures for signal reconstruction from phase 1-51390
- Oppenheim, I. *see* Machta, J. 1-19678
- Oppenheim, U.P. *see* Ben-Shalom, A. 1-40186
- Oppenheim, U.P. *see* Koren, G. 1-29021
- Oppenheimer, M. Sodium D-line emission in Comet West (1975n) and the sodium source in comets 1-27419
- Oppenheimer, M., Downey, C.J. The effect of solar-cycle ultraviolet flux variations on cometary gas 1-22731
- Oppenlander, T. *see* Bertalot, L. 1-15648
- Opperman, H. *see* Terukov, E.I. 1-25635
- Oppermann, H. *see* Ritschel, M. 1-21332, 1-21333
- Oppermann, H. *see* Wolf, M. 1-52490
- Oppermann, K.G. *see* Holzapfel, G. 1-8140
- Oppolzer, H. *see* Henghuber, G. 1-25129
- Oppusunggu, D. *see* Jameson, C.J. 1-37132
- Oppusunggu, P.D. *see* Jameson, C.J. 1-41328
- Oprea, K., Petrovan, S., Popa, M. Optimizing the tensile strength of polyvinyl chloride with a benzidine additive 1-31548
- Oravskii, A.A. *see* Angelov, D.A. 1-35746
- Oravskii, A.N., Rodionov, N.B. Systems approach to laser utilization 1-6567
- Oravskii, A.N. *see* Bashkin, A.S. 1-33672, 1-33673, 1-33674, 1-51508
- Oravskii, A.N. *see* Igoshin, V.I. 1-33675
- Oravsky, A.A. *see* Angelov, D.A. 1-39965
- O'Raifeartaigh, L., Park, S.Y., Wali, K.C. On the long-range interaction of topologically charged monopoles 1-33116
- Oram, C.J., Warren, J.B., Marshall, G.M., Doornbos, J. Commissioning of a new low energy π - μ channel at TRIUMF 1-37041
- Oram, C.J. *see* Kiehl, R.F. 1-37369
- Orams, H.J. *see* Zyburt, J.J. 1-7226
- Oran, E.S. *see* Johnson, C.Y. 1-4696
- Orana, M. *see* Velickovic, D. 1-23274
- Orasuna, M.T. A solving method of the seepage motions in inhomogeneous media of type II 1-24875
- Orava, P.J. *see* Pingoud, K. 1-44217
- Orava, R. *see* Allen, P. 1-36856
- Orava, R. *see* Ammosov, V.V. 1-40980
- Orava, R. *see* Blietschau, J. 1-10190
- Orava, R. *see* Efrimenco, V.I. 1-33173

- Oravcova, J. *see* Murin, J. 1-52849
 Oravcova, J. *see* Olcak, D. 1-15811
 Oravec, J., Kvetan, K. Operation of multiwire chambers in the corona region and their comparison with the proportional mode 1-14740
 Oravec, J. *see* Kvetan, K. 1-51033
 Orbach, R. *see* Entin-Wohlman, O. 1-20913
 Orbach, R. *see* Jackson, C.M. 1-38969
 Orbach, R. *see* Lyo, S.K. 1-21268
 Orbach, H. *see* Jansen, E. 1-53921
 Orban, J.L. Calculation of noise in ventilation systems 1-11242
 Orban, J.L. *see* Nemerlin, J. 1-1763
 Orban, R.A. *see* Haase, D.G. 1-7410
 Orbay, N. The paleomagnetic study of the North Anatolian Fault Zone 1-13396
 Orbits, G. *see* Currie, G.D. 1-24487
 Orchard, A.F. *see* Beatham, N. 1-25632
 Orcutt, J. *see* Spudich, P. 1-35957
 Orcutt, J.A. *see* Henry, M. 1-44317
 Orcutt, J.A. *see* Priestley, K. 1-44116
 Ord, A. *see* Christie, J.M. 1-27112
 Ord, G., Whittington, S.G. Lattice decorations and pseudo-continuum percolation 1-5236
 Ord, J.L. Electrostriction in anodic oxides: comparison with macroscopic theory 1-34989
 Ordan'yan, S.S. Reactions of HfB₃ with Re and Cr 1-39314
 Ordan'yan, S.S., Maksimova, N.M., Smirnov, V.V. Reactions in the HfB₃-Mo system 1-12728
 Ordan'yan, S.S. *see* Fridlender, B.A. 1-16272
 Ordan'yan, S.S. *see* Kats, S.M. 1-16838
 Ordan'yan, S.S. *see* Kosterova, N.V. 1-35140
 Ordynets, R.J. *see* Pykett, I.L. 1-43945
 Ordynets, A.G. *see* Chiang, Yu.N. 1-20697
 Ore, F.R., Jr., Sterman, G. Singular gauge fields in inclusive and differential cross sections 1-45138
 Orear, J. *see* Faissler, W. 1-45351
 Orecchia, L. *see* Coen, V. 1-5889
 Orecchia, V. *see* Su, S.F. 1-18729, 1-18816, 1-50725
 Orefice, A. *see* Lazzaro, E. 1-19895
 Oreglia, M. *see* Partridge, R. 1-10207
 Oreghitsky, J. Composition dependency of crystallization in Fe₈₀(B_{1-x}P_x)₂₀ amorphous alloys 1-20070
 O'Reilly, J. *see* Partridge, R. 1-10207, 1-18483
 O'Reilly, J.M., Mosher, R.A. Conformational recovery of poly(vinyl chloride) glasses prepared under pressure 1-11849
 Orekhov, A.V. *see* Pashkevich, A.G. 1-15426
 Orekhov, G.T. Effects of structure and processing on the magnetoelastic effect in a ferromagnetic 1-34917
 Orekhov, I.V. *see* Barabanov, I.R. 1-671, 1-23984
 Orekhov, N.G. *see* Nikol'skaya, V.L. 1-3737
 Orel, A.E. *see* Rescigno, T.N. 1-33405, 1-51283
 Orel'skaya, V.I. On the motion of the FK4 equinox 1-13668
 Orel'skaya, V.I. On the improvement of the FK4 equinox and equator by means of photographic observations of asteroids 1-32603
 Oren, A., Gutfinger, C. Analysis of a Joule-Thomson cryogenic detector cooler 1-32992
 Oren, Y. *see* Botner, O. 1-37065
 Oren, Y. *see* Cockerill, D. 1-14742
 Orent, T.W. *see* Weinman, L.S. 1-11995
 Oreper, G.M. Effect of electroconvective flow on hydrodynamics and mass transfer in the case of a sphere moving through a current-carrying medium 1-19828
 Orena, V.M. *see* Abraham, M.M. 1-38980
 Orena, V.M. *see* Chen, Y. 1-2960
 Oreshin, M.M. *see* Glukhovskii, G.S. 1-23359
 Oreshkov, T., Petrakiev, A. Space/time diagnostics and distribution of the glow of atom and ion spectral lines of magnesium in the plasma of unipolar arc discharges 1-19955
 Orfino, F. *see* Graber, N. 1-21270
 Orgaz, E. *see* Pisanty, A. 1-47467
 Orgutsova, N.N. *see* Voronich, V.B. 1-52015
 Orham, E.L. *see* Bradley, L.P. 1-25112
 Orhaug, T., Akersten, S.I., Larsson, J. Computer processing of multi-layer imagery data [in remote sensing] 1-17704
 O'Ryan, M.D. *see* Gibbons, D.T. 1-13354
 Oriani, R.A., Josephic, P.H. Effects of hydrogen on the plastic properties of medium-carbon steels 1-26560
 Orient, O.J., Srivastava, S.K. Cross section for Ly- α emission by electron impact on methane 1-33490
 Orifiammi, L., Azzola, M., Botti, G., Corsi, F., Cesari, F. Stress classification criteria below the creep threshold in fast reactor design 1-50717
 Orimo, H. *see* Matsuda, A. 1-21622
 Orion, B.V., Rezyvi, R.R., Finarev, M.S. Interference method of measuring the thickness of polycrystalline silicon films 1-5277
 O'Riordan, P. *see* Slattery, G.F. 1-3751
 O'Riordan, P. *see* Wood, D.S. 1-39369
 O'Riordan, P.A. *see* Elsner, N.B. 1-48884
 Orishchin, Yu.M. *see* Bodak, O.I. 1-29980
 Orishlich, A.M. *see* Afonin, Yu.V. 1-15672
 Oristaglio, M.L., Worthington, M.H. Inversion of surface and borehole electromagnetic data for two-dimensional electrical conductivity models 1-22514
 Orito, S. *see* Bartel, W. 1-18500, 1-45253, 1-45254
 Orito, S. *see* O'Neill, L.H., Jr. 1-50443
 Orito, T., Koshida, K., Maekawa, R., Hiraka, T., Mori, H., Hisada, K. Spatial dose distribution curve around patients during thyroid function tests with ^{99m}Tc-pertechnetate 1-40009
 Orito, T., Koshida, K., Maekawa, R., Hiraka, T., Koga, S., Hisada, K. Half and tenth value thicknesses for radionuclides in hospitals and medical research institutes 1-53911
 Orito, T., Koshida, K., Maekawa, R., Sanada, S., Hiraki, T., Maeda, T., Mori, H., Hisada, K. External exposure around the patient during three dimensional γ -cerebral blood flow measurement using ^{81m}Kr 1-32251
 Orland, H., de Dominicis, C., Garel, T. Non-homogeneous mean field picture for spin-glasses 1-38946
 Orland, H. *see* Blaizot, J.P. 1-9923
 Orlandi, G., Monti, S., Barigelletti, F., Balzani, V. Triplet energy transfer to cis and trans stilbene. A quantum mechanical approach 1-19209
 Orlandini, G. *see* Tornow, V. 1-10340
 Orlando, A.F., Goldstein, L., Jr., Magnoli, D. Influence of heat exchanger effectiveness on the performance of thermosiphon double loop water heating system 1-17273
 Orlando, T.P., Alexander, J.A., Bending, S.J., Kwo, J., Poon, S.J., Hammond, R.H., Beasley, M.R., McNiff, E.J., Foner, S. The role of disorder in maximizing the upper critical field in the Nb-Sn system 1-47822
 Orletsii, V.B. *see* Gertovitch, T.S. 1-3419
 Orletsii, V.B. *see* Kondratenko, M.M. 1-42391
 Orletsii, V.B. *see* Sizov, F.F. 1-2922
 Orlik, V.G. Problems of the concentration of jets and their application to the labyrinth seals of turbomachines 1-15525
 Orlikowski, J.P., Assous, R. Powder injection into a wall-stabilized cascade arc 1-11609
 Orlikowski, T. Collision induced vibrational transitions in H₂ within the breathing-sphere model 1-33546
 Orlinov, V.I. *see* Spangenberg, B. 1-2968
 Orlinskii, D.V., Stefanovsky, A. Diagnostic complex of T-15 1-19964
 Orliukas, A., Kalesniskas, V., Valiukenas, V. Anomalies in electrophysical properties of CuPbAsS₃ crystals 1-20822
 Orliukas, A. *see* Grigas, J. 1-30297
 Orliukas, A. *see* Valiukenas, V. 1-47230
 Orliukas, A.S. *see* Valiukenas, V.J. 1-42836
 Orloff, S. *see* Ebbeni, J. 1-8964
 Orlov, A.B. *see* Kashpar, Yu.V. 1-13640
 Orlov, A.I. *see* Budnev, N.M. 1-577
 Orlov, A.P. *see* Abramov, V.V. 1-596
 Orlov, B.I. Beam defocusing in a laminated inhomogeneous medium 1-46575
 Orlov, D.L., Tarasov, B.V., Sobolev, E.V., Chernyakova, T.G., Shcheglova, O.V., Tikhomirova, N.E. Strengthening glass and its products by the ion-exchange method 1-39480
 Orlov, E.D. *see* Kramarov, M.A. 1-43497
 Orlov, I.N. *see* Delektrskii, B.A. 1-25980
 Orlov, L.G. *see* Gabaraeva, A.D. 1-48435
 Orlov, L.I., Karpov, E.N., Gold'man, Z.A. A hermetically-sealed, magnetically-controlled current transducer in a unit for measuring specific electrical resistance of bore holes 1-27272
 Orlov, L.I. *see* Sokolov, Yu.I. 1-32535
 Orlov, L.K., Romanov, Yu.A. Cross modulation of electromagnetic waves in semiconductors with a superlattice 1-20787
 Orlov, L.P., Golovanov, A.L. Application of the method of splitting to the numerical solution of problems involving MHD rotation of an electrically conducting liquid in a cylindrical vessel 1-6900
 Orlov, L.P., Polevnikov, V.K., Fertman, V.E. Calculation of the temperature field of a shaft sealed by magnetic fluid 1-19717
 Orlov, M.R. *see* Levitin, V.V. 1-39343
 Orlov, N.F. *see* Akishin, A.I. 1-26123
 Orlov, N.Ya., Gasparyan, A.G., Fesenko, Ye.Ye. Rapid photo-induced changes in the light scatter of preparations of photoreceptor membranes of vertebrates. Study of suspensions of vesicles obtained on ultrasonic treatment of the external segments of the retinal rods 1-35811
 Orlov, N.Ya. *see* Gasparyan, A.G. 1-35812
 Orlov, O.L. *see* Dudnik, E.F. 1-26150
 Orlov, V.A. *see* Shcherbina, D.M. 1-27988
 Orlov, V.K., Savell'ev, V.N. Intensification of heat transfer when boiling cryogenic liquids at pressures below atmospheric 1-37774
 Orlov, V.K. *see* Bel'dyugin, I.M. 1-51553
 Orlov, V.K. *see* Borisov, B.N. 1-33713
 Orlov, V.K. *see* Kashnikov, G.N. 1-34054, 1-51466
 Orlov, V.L. *see* Evdokimov, O.B. 1-21127
 Orlov, V.M. *see* Belov, M.L. 1-46229
 Orlov, V.M. *see* Golikova, O.A. 1-30751
 Orlov, V.N. *see* Danil'chenko, V.P. 1-6851
 Orlov, V.P. *see* Andreev, A.S. 1-45048
 Orlov, V.Ya. *see* Bubis, I.Ya. 1-11193
 Orlov, Yu.M. *see* Shifrin, L.I. 1-44034
 Orlov, Yu.V. *see* Dal'karov, O.D. 1-41065
 Orlova, A. Needle-like intragranular phase in austenitic Fe-21 Cr-32 Ni steels within the temperature interval 975-1075K 1-12748
 Orlova, A. Mobile dislocation density and velocity during in situ creep of aluminium in HVEM 1-53242
 Orlova, A., Cadek, J. Effect of precipitation strengthening on high-temperature creep in Incoloy 800 type steel 1-31547
 Orlova, A. *see* Milica, K. 1-18425
 Orlova, E.G. *see* Blokhin, M.A. 1-43244
 Orlova, G.A. *see* Mansfeld, G.D. 1-34561
 Orlova, G.I. *see* Adamovich, M.I. 1-45317
 Orlova, G.I. *see* Fiorino, A. 1-50583
 Orlova, G.M., Kolomitseva, S.E., Timonov, A.S., Kuznetsova, O.A. Viscosity and thermal expansion of glasses in the P-Se-Te system 1-38574
 Orlova, G.M. *see* Efimov, A.M. 1-52078
 Orlova, L.A. *see* Pavlushkin, N.M. 1-12713
 Orlova, L.M. *see* Chevela, O.B. 1-4001
 Orlova, M.A. *see* Zel'dovich, B.Ya. 1-29323
 Orlova, N.D., Pozdynakova, L.A. Vibrational and rotational spectra of H₂ and D₂ in solutions in the 90-313K temperature range 1-41386
 Orlova, N.M. *see* Kobas Aranda, M.M. 1-4134
 Orlova, N.M. *see* Zakorina, N.A. 1-2270
 Orlova, N.S. X-ray thermal diffraction scattering measurements of the [110] phonon dispersion curves of indium arsenide 1-42491
 Orlova, O.A. *see* Oganesyan, Yu.Ts. 1-50655
 Orlova, R.G. *see* Pashuk, E.I. 1-8496
 Orlovits Schmera, H. *see* Tolnai Jakoby, I. 1-14166
 Orlovskaya, G.V. *see* Khrgian, A.Kh. 1-44303
 Orlovskaya, L.V. *see* Sokolova, I.V. 1-35502
 Orlovskii, V.I. *see* Moskinov, V.A. 1-23356
 Orlovski, M., Schmid, E.W. Short distance behaviour of the Coulomb interaction between composite particles 1-28404
 Orlovski, R., Boatner, L.A., Kratzig, E. Photorefractive effects in the cubic phase of potassium tantalate-niobate 1-19288
 Orlovski, R. *see* Kratzig, E. 1-12475
 Orlyuk, E.I. Functional equations of elasticity theory axisymmetric problem for a spherical lune and their solution 1-29544
 Ormandzhiev, S., Semova, T., Tsankov, L. On some aspects of design optimization of a Mossbauer spectrometer's vibrator with velocity feedback 1-40829
 Ormen, P.-J. *see* Avery, J. 1-28859
 Ormerod, E.J. *see* Adrain, R.S. 1-15655, 1-21815, 1-31958, 1-43730
 Ormes, J.F. *see* Simon, M. 1-9338
 Ormond, R. *see* Magee, T.J. 1-15916, 1-20248
 Ormont, A.B. *see* Maksimov, A.S. 1-30815
 Ormotsadze, L.G. *see* Mamisashvili, V.A. 1-17437
 Ornat'skiy, A.P., Sharayevskiy, I.G. Onset and development of thermoacoustic oscillations in forced-convection boiling of water 1-29681
 Ornedo, R. *see* Drucker, M.I. 1-5936
 Ornig, H., Kohl, H., Rabenstein, G., Rettenbacher, H., Weberberger, H. Measuring of ferrite content in austenitic weld metal in ferrite numbers (FN) 1-3173
 Orofino, T.A., Usmani, A.M. Passive dosimetry 1-21963
 Oron, M., Svendsen, L.G., Sorensen, G. Laser-damage resistant copper surfaces with high reflectivity after oxidation 1-29312
 Orskov, A.R., Turian, R.M. The critical velocity in pipeline flow of slurries 1-29753
 O'Rourke, P.A. *see* Terjung, W.H. 1-13199
 O'Rourke, V.M. *see* Plazek, D.J. 1-34389
 Orpaz, N. *see* Kaplan, E. 1-36476
 Orr, B.J., Nutt, G.F. Rotationally resolved infrared-ultraviolet double resonance spectroscopy in molecular D₂O and HDClO 1-41378
 Orr, J.S. *see* Loshek, D.D. 1-32190
 Orr, P. Cutting the cost of pluggable fibre optic interfaces 1-1691
 Orr, R.S. *see* Diddens, A.N. 1-14747, 1-23998
 Orr, R.S. *see* Jonker, M. 1-10194, 1-14432, 1-45258
 Orr, W.A. Characterization of the electronic structure of grain boundaries in silicon 1-47647
 Orr, W.A. *see* Miller, G.L. 1-47099
 Orr, W.L. *see* Doshi, P.K. 1-45602
 Orrell, F.Q., Schmah, E.J. The H I Lyman continuum in solar prominences and its interpretation in the presence of inhomogeneities 1-27436
 Orsatti, A.M. *see* Forte, J.C. 1-54563
 Orshanskii, I.S. *see* Kozyreva, T.A. 1-13117
 Orsi, A.P. *see* Monaco, R. 1-29667
 Orszag, A. *see* Migus, A. 1-51478
 Orszag, M. Quantum theory of anti-Stokes Raman scattering 1-41780
 Orszag, S.A. Numerical studies of transition in planar shear flows 1-37896
 Orszag, S.A. *see* Baker, G.R. 1-1917
 Orszag, S.A. *see* McCrory, R.L. 1-197
 Orszagh, A., Les, J., Kolinski, A. Monte Carlo method for statistical thermodynamics of polymer chains 1-15044

- Oskanyan, V.S. see Melkonyan, A.S. 1-36293
 Os'kina, N.S. see Barash, M.S. 1-54235
 Oskot-skii, V.S., Kobayakov, I.B., Solodukhin, A.V. Temperature dependence of thermal expansion of cadmium sulfide in the range from 20 to 820K 1-20429
 Osland, P. see Olsen, H.A. 1-18498
 Osman, A. Three-body problems with separable two-body interactions 1-653
 Osman, A. Sensitivity of the three-body calculations to different effects 1-41041
 Osman, A., Ismail, M.Y. The two-nucleon stripping process with Skyrme type potential 1-36956
 Osman, A., Ismail, M.Y., Osman, M.M. Optical-model potential using a generalised Skyrme force 1-45500
 Osman, A.H. see Abdel Aal, M.S. 1-43577
 Osman, J., Sorensen, C.M. Experimental evidence for the universality of the pseudospinodal 1-11837
 Osman, M.G. A solar battery system and its use for irrigation in Egypt 1-17219
 Osman, M.G. Solar energy for cooking in Egypt 1-21922
 Osman, M.M. see Andrew, C. 1-1768
 Osman, M.M. see May, D.N. 1-1769, 1-1770
 Osman, M.M. see Osman, A. 1-45500
 Osman, R. see Topiol, S. 1-37099
 Osmera, B. see Hron, M. 1-5828
 Osmer, H.R. see Chitragand, B. 1-16075
 Osmeier, W.E. Operational cost comparison for various radwaste disposal techniques 1-45648
 Osmont, A. see Bizard, G. 1-5784
 Osmun, J.W. see Arnold, G.B. 1-3108
 Os'nak, A.R. see Petrash, V.I. 1-49136
 Osokin, D.Ya. Pulsed line narrowing in nitrogen-14 NQR 1-34956
 Osorio, P.L. see Ktonas, P.Y. 1-32290
 Osorio Lomas, A. X-ray diffraction in crystal structures. II 1-15758
 Osorio Lomas, A. X-ray diffraction in crystalline structures. I 1-20024
 Osovitskii, E.I. see Dyban', Yu.P. 1-12862
 Osovrat, A.M. The importance of regional geology in the geological theories of Abraham Gottlob Werner: a contrary opinion 1-5062
 Ossakow, S.L. see Huba, J.D. 1-40249
 Ossakow, S.L. see Keskinen, M.J. 1-4690
 Osseo-Asare, K., Keeney, M.E. Aspects of the interfacial chemistry of nickel extraction with LIX63-HDNNS mixtures 1-4128
 Ossi, P.M. see Bottani, C.E. 1-47202
 Ossicini, S. see Forstmann, F. 1-28902
 Ossman, W. see Cominsky, L. 1-49855
 Ostanevich, T.G. see Aksinenko, V.D. 1-18662
 Ostanevich, T.G. see Bartke, E. 1-5664
 Ostanin, A.N. see Barkov, V.D. 1-13484
 Ostapchuk, A.Ya. see Berezin, Y.M. 1-37057
 Ostapchuk, E.I. see Vydashenko, V.N. 1-52146
 Ostapenko, A.A. see Stishkov, Yu.K. 1-2093
 Ostapenko, I.L. see Sertsyuk, V.A. 1-31612
 Ostapenko, I.T. see Postogvard, G.I. 1-35413
 Ostapenko, N.A. On the center of pressure of conical bodies 1-33977
 Ostapenko, S.S., Tanatar, M.A., Sheinkman, M.K. Polarized luminescence of anisotropic centers in hexagonal crystals 1-35088
 Ostapenko, S.S. see Budynskii, V.I. 1-5407
 Ostapenko, V.A. Emission line profiles of compact chromospheric formations 1-13755
 Ostapovich, M.V. see Mikhailov, I.P. 1-2287
 Ostash, O.P. see Yarema, S.Ya. 1-53286
 Ostashko, V.V. see Nemets, O.F. 1-714
 Ostaszewski, P. see Przyłuski, J. 1-36625
 Osteaux, M. see Van Houtte, P. 1-13316
 Osten, W. von der see von Osten, W.
 Osten, W. von der see von der Osten, W.
 Ostenson, J.E., Finnmore, D.K., Verhoeven, J.D., Gibson, E.D. Performance of in situ superconductors in solenoids 1-16419
 Ostenson, J.E. see Verhoeven, J.D. 1-48294
 Oster-Jorgensen, E. see Pedersen, S.A. 1-4359
 Osterbrock, D.E. see Cohen, R.D. 1-54604
 Osterfeld, F., Suzuki, T., Speth, J. No evidence for precritical phenomena of pion condensation in A=48 nuclei 1-50520
 Osterfeld, F., Wambach, J., Madsen, V.A. Antisymmetrized, microscopic calculation for the $^{40}\text{Ca}(n,p)$ optical potential 1-36950
 Osterfeld, F. see Krewald, S. 1-33250
 Osterhammel, D. Audiological findings in children with a congenital rubella syndrome 1-32146
 Osterhammel, D. High frequency audiometry. Clinical aspects 1-43391
 Osterheld, B. see Heinzmann, U. 1-41429
 Osterlin, P. see Duncan, M.D. 1-41387
 Osterlund, R., Vingsbo, O. Scanning electron microscope and optical microscope studies of the topography of some etched steel structures 1-25543
 Osterrieth, M. The Belgian energy models: a general introduction 1-35625
 Ostering, H., Kubler, W.K., Lorenz, W.J. Theory and design of a positron scanner 1-8975
 Ostering, H., Lorenz, W.J. Collimators for imaging of positron emitting radionuclides with gamma cameras. I. Optimisation using an analytic approximation 1-4357
 Ostgaard, E. see Forseth, O. 1-54539
 Osthaus, A. see Speth, P. 1-22390
 Ostlund, H.G. see Fine, R.A. 1-4507
 Ostlund, S. Relation between lattice and continuum theories of two-dimensional solids 1-52422
 Ostlund, S., Halperin, B.I. Dislocation-mediated melting of anisotropic layers 1-34458
 Ostoja, P. see Armigliato, A. 1-17211
 Ostoja, P. see Finetti, M. 1-17200
 Ostovskii, M.A. see Bol'shakov, V.I. 1-17365
 Ostrach, S., Loka, R.R., Kumar, A. Natural convection in low aspect-ratio rectangular enclosures 1-6860
 Ostrasz, S. see Chojcan, J. 1-12022
 Ostrihansky, L. The structure of the Earth's crust and the heat-flow-heat-generation relationship in the Bohemian Massif 1-13439
 Ostriker, J.P. On the dynamical evolution of clusters of galaxies 1-9696
 Ostriker, J.P., Cowie, L.L. Galaxy formation in an intergalactic medium dominated by explosions 1-54619
 Ostriker, J.P. see McGlynn, T.A. 1-44651
 Ostro, S.J., Campbell, D.B., Pettengill, G.H., Shapiro, I.I. Radar detection of Vesta 1-22710
 Ostrogradskaya, M.G. see Devishev, M.I. 1-39997
 Ostrom, P., Lagneborg, R. Dislocation link length models for creep and strain hardening 1-12841
 Ostroumov, A.G. see Abaev, M.I. 1-39482
 Ostroumov, P.N., Fateev, A.P. Particle loss in a linear proton accelerator due to random errors in the channel focusing parameters 1-23927
 Ostroumov, P.N. see Fateev, A.P. 1-28772
 Ostroumov, V.L. see Antonchik, V.A. 1-5762
 Ostrovskaya, G.G. see Koval'chuk, Yu.V. 1-25065
 Ostrovskaya, G.V. see Ostrovsky, V.I. 1-13950
 Ostrovskaya, L.E. see Volod'ko, L.V. 1-43116
 Ostrovskaya, N.F. see Kurdyumov, A.V. 1-3687
 Ostrovskii, A.A., Bash, V.Ya., Chubok, V.A. Strain gauge for measuring transverse strain of tubular specimens from soft materials 1-17002
 Ostrovskii, A.A., Bash, V.Ya., Chubok, V.A. Electromechanics strain gauge for measuring deformations of cylindrical tubular specimens 1-26692
 Ostrovskii, A.O. see Kurliko, V.I. 1-24345
 Ostrovskii, B.I., Chigrinov, V.G. Linear electrooptic effect in chiral smectic C liquid crystals 1-30051
 Ostrovskii, B.I. see Loseva, M.V. 1-3324
 Ostrovskii, G.K. see Kosterova, N.V. 1-35140
 Ostrovskii, G.E. see Fesenko, A.I. 1-1816
 Ostrovskii, I.V. Acoustoelectric potential of a bound piezoelectric surface 1-30790
 Ostrovskii, I.Ya., Vovchenko, A.I. On the problem of calculating a transient process in the case of an underwater spark discharge 1-42225
 Ostrovskii, L.I. see Etingof, N.I. 1-16992
 Ostrovskii, L.S., Eremin, Yu.I., Marinin, A.V. Selection of the type of specimen for determining impact toughness of steel EP56Sh 1-17003
 Ostrovskii, M.V., Emingov, E.D., S.Lavin, A.A., Kalugina, S.K., Brunovskaya, L.K., Palevich, L.A. Development of large-scale surface instability in liquid extraction 1-48777
 Ostrovskii, M.V., Slavin, A.A., Etingof, E.D., Brunovskaya, L.K., Palevich, L.A., Kalugina, S.K., Malakhova, E.E. Change of interphase tension during liquid extraction 1-48778
 Ostrovskii, O.I., Ermachenkov, O.B., Grigoryan, V.A., Borovskii, O.B., Merkulov, E.N. Determining the coefficients of thermal conductivity of liquid metals 1-20694
 Ostrovskii, V.F. see Vasil'kovskii, V.A. 1-43035
 Ostrovskii, V.N., Ustimov, V.I. Rotational relaxation of isotope-substituted molecules and excited complexes produced during muon catalysis 1-10828
 Ostrovskii, V.N. see Demkov, Yu.N. 1-5163
 Ostrovskii, V.S. Influence of oxidation on graphite strength and porosity 1-43552
 Ostrovskii, Yu.N., Pisarev, V.E., Kobasko, N.I. Heat exchange crisis accompanying boiling of oils 1-1817
 Ostrovskiy, A.O., Ognivenko, V.V. Dispersion in an axially symmetrical plasma waveguide with sinusoidally corrugated, ideally conducting walls, immersed in a strong magnetic field 1-34087
 Ostrovsky, I.V. see Bulakh, G.I. 1-16319
 Ostrovsky, L. see Chernov, A.G. 1-28580
 Ostrovsky, Y.I., Butusov, M.M., Ostrovskaya, G.V. Interferometry by holography 1-13950
 Ostrow, H. see Husain-Abidi, A.S. 1-24513
 Ostrowiecki, H. see Hague, C.F. 1-8162
 Ostrowski, M. Cosmological implications of the primeval nucleosynthesis 1-49869
 Ostryakov, V.M. see Dergachev, V.A. 1-36019
 Osuch, E.A. see Ono, Y. 1-41441
 Osugi, J. see Hara, K. 1-20375
 O'Sullivan, C.T. Ohm's law and the definition of resistance 1-5059
 O'Sullivan, C.T. see Fegan, D.J. 1-9727
 O'Sullivan, P.E. see Simola, H.L.K. 1-54151
 O'Sullivan, V.T. see Bevir, M.K. 1-46830
 O'Sullivan, W.J. see Handschy, M.A. 1-20358
 Osumi, H. see Ninomiya, H. 1-29939, 1-41667
 Osumi, Y., Suzuki, H., Kato, A., Oguro, K., Nakane, M. Development of mischmetal-nickel and titanium-cobalt hydrides for hydrogen storage 1-20556
 Osvald, J. see Vavra, I. 1-52337
 Osvaly, M., Biro, T. Aluminium oxide in TL dosimetry 1-953
 Osvenskii, V.B. see Publik, V.T. 1-25264
 Osvenskii, V.B. see Yarmolyuk, N.I. 1-25331
 Oswald, H., Burgmer, W., Gola, D., Heinrich, C., Helten, H.J., Paetz gen. Schieck, H., Koike, Y. Kinetically complete measurement of cross sections and vector analyzing powers of $^4\text{He}(d, p)\alpha n$ at $E_d=18\text{ MeV}$ 1-36944
 Oswald, H.R. see Veprek, S. 1-39168
 Oswald, J. see Pastnak, J. 1-31191
 Oswald, K. see Muller, H.J. 1-28609
 Osyka, E.I. see Brainin, G.E. 1-3671
 Ostanevics, J.M. see Ananjev, V.D. 1-28690
 Ota, C. see Mimura, Y. 1-41855
 Ota, C. see Okamura, Y. 1-11100
 Ota, K., Eguchi, H. The automatic observation of the occurrence rate of whistlers using a microcomputer 1-4658
 Ota, T., Kon, N., Hatakeyama, S., Sato, S. Measurements of turbulent shear stress and heat flux in an axisymmetric separated and reattached flow over a longitudinal blunt circular cylinder 1-46730
 Otaduy, P.J. see Difilippo, F.C. 1-745
 Otaguchi, M., Yoshida, Y., Oguchi, A. Influence of high hydrostatic pressure on the processes of recrystallization of a copper and aging of a Cu-Be alloy 1-48379
 Otaka, M., Oshima, T., Takeuchi, M., Oikawa, T., Fujii, K. He-Cd⁺ white light laser by a novel tube structure 1-46370
 Otake, S., Momichi, M., Matsuno, N. Temperature dependence of the magnetic susceptibility of bismuth 1-25866
 Otake, S. see Mihara, T. 1-47007
 Otani, S., Tanaka, T. Preparation of HfC single crystals by a floating zone technique 1-53086
 Otani, S., Tanaka, T., Hara, A. Preparation of ZrC single crystals with constant compositions by floating zone technique 1-35170
 Otani, S. see Oya, A. 1-39259
 Otawa, T. Wind energy planning: development and application of a site selection method for wind energy conversion systems (WECS) 1-4151
 Otero, D., Proto, A.N., Plastino, A. Surprised approach in cold fission processes 1-28506
 Othmer, E., Vannier, M.W., Othmer, S.C., Fishman, P.M. Pattern recognition in sleep research 1-53923
 Othmer, S.C. see Othmer, E. 1-53923
 Otis, C. see Aron, K. 1-24132
 Otis, D.R. see Levine, A.H. 1-1984
 Otis, D.R. see Palmgren, D. 1-53541
 Otis, G. see Vincent, D. 1-46545
 Otko, A.I., Nesterenko, N.M., Zvyagin, A.I. Ferroelastic phase transitions in trigonal dimolybdates and ditungstenates 1-7319
 Otlivanchik, E.A. see Bulatov, E.D. 1-33065
 Otman, Ya.I. see Okunev, V.D. 1-20747
 Otmes, K. see Svare, I. 1-12420
 Otufuji, Y., Sasajima, S., Nishimura, S., Yokoyama, T., Hadwisastra, S., Hehuwat, F. Paleomagnetic evidence for the paleoposition of Sumba Island, Indonesia 1-40052
 Otomo, K. see Yamaki, N. 1-11339
 Otobaev, D.K. see Brukhovetski, A.P. 1-29129
 Otobai, K. see Nishi, T. 1-50660
 Otsozi, T. see Nakamura, A. 1-6700
 Otrok, A.I. Resistance of ferroalloy powders to comminution 1-53290
 Ots, I. Effects of alignment in production and decay of spin 3/2 heavy leptons 1-23497
 Otsabo, O., Inou, T. Diagnosis of renal diseases 1-49154
 Otsu, Y. see Hayashi, R. 1-49313
 Otsubo, H., Ohta, K., Ozaki, S. Normal-mode solution in the ocean with absorbing bottom sediments which have a sound-speed gradient 1-6707
 Otsubo, Y. see Shimura, S. 1-53802
 Otsuka, A., Miyata, T., Nishimura, S., Kimura, M., Mabuchi, M. Effect of stress triaxiality on ductile fracture initiation of low strength steels 1-3895
 Otsuka, A., Mori, K., Ohshima, T., Tsuyama, S. Fatigue crack growth of steel and aluminum alloy specimens under mode II loading 1-43492
 Otsuka, A. see Mizutani, T. 1-31908
 Otsuka, E. Electron scattering by impurity centres in electron-hole liquid 1-38727
 Otsuka, E. see Nakata, H. 1-48041
 Otsuka, K. Proposals and analyses on laser amplifier based integrated optical circuits 1-41886
 Otsuka, M. Population inversion in a stationary recombining plasma 1-29905
 Otsuka, N. see Nagata, S. 1-34870
 Otsuka, S., Kozuka, Z. Thermodynamics of oxygen in liquid tellurium from electrochemical measurements 1-3698
 Otsuka, S., Sano, T., Kozuka, Z. Activity of oxygen in liquid Bi-Ti alloys 1-42553

- Otsuka, S., Sano, T., Kozuka, Z. Partial pressure of O_2 over $(Ti+Ti_2O_3)$ from electrochemical measurements 1-48718
- Otsuka, T. Microscopic basis of the proton-neutron interacting-boson model 1-50529
- Otsuka, T. see Puddu, G. 1-5671
- Otsuki, H. see Kitamura, T. 1-33068
- Otsuki, Y. see Washizu, K. 1-24730
- Ott, E. see Bonoli, P.T. 1-46900
- Ott, E. see Hughes, D.P. 1-19892
- Ott, E. see Russell, D.A. 1-19905
- Ott, F. see Ritty, B. 1-14141
- Ott, H. see Versino, B. (editor) 1-9773
- Ott, H.R. Structural phase transitions and magnetism in metallic rare-earth compounds 1-20384
- Ott, H.R., Andres, K., Schmidt, P.H. The low temperature phase transitions of Ud_2 1-47882
- Ott, H.R. see Andres, K. 1-25432
- Ott, H.R. see Baer, Y. 1-20651
- Ott, H.R. see Hamaker, H.C. 1-30867
- Ott, H.R. see McCarthy, C.M. 1-38936
- Ott, H.R. see Maple, M.B. 1-25844
- Ott, K.O., Borg, R.C. Fast reactor burnup and breeding calculation methodology 1-14689
- Ott, R., Schürmann, J., Reinhardt, E.R., Bloss, W.H. Automated classification of cytological specimens based on features extracted from nuclei images 1-35864
- Ott, R.J. see Hori, T. 1-52356
- Ott, W. see Bruning, K. 1-54316
- Ott, W.R. see Russell, H.H., III 1-30358, 1-31429
- Ottaviani, G. see Galli, E. 1-2707
- Otte, V. see August, L.S. 1-22137
- Otten, E.W. Laser spectroscopy for probing nuclear structure off stability 1-10315
- Otten, H.J.M. Technical and commercial aspects of fibre optic components 1-6655
- Ottenberg, E.V. see Burkanov, G.S. 1-48365
- Otter, F.A. see Benner, R.E. 1-35056
- Ottesen, D.K., Nagelberg, A.S. Infrared spectroscopic studies of surface oxides 1-31158
- Ottinger, C., Schroder, M. Collision-induced rotational transitions of dye laser excited $Li_2(A^2\Sigma^+)$ molecules: cross sections and their $\Delta J/\Delta J$ asymmetry 1-10777
- Ottinger, C. see Neuschäfer, D. 1-53406
- Ottinger, Ch., Reichmuth, J. Chemiluminescent ion-molecule reactions $B^+ + H_2$ 1-48656
- Ottinger, Ch., Zimmermann, S. Product translational energy distributions and collision mechanisms of the $N^+ + CO$ reaction 1-31843
- Ottinger, Ch. see Kusunoki, I. 1-4060
- Ottinger, C.A. see Boody, F.P. 1-24410
- Ottinger, P.F., Mosher, D., Goldstein, S.A. Electromagnetic instabilities in a focused ion beam propagating through a z-discharge plasma 1-38121
- Ottley, J.A., Schunk, R.W. Density and temperature structure of helium ions in the topside polar ionosphere for subsonic outflows 1-4695
- Otto, A. Investigation of electrode surfaces by surface plasmon polariton spectroscopy 1-34763
- Otto, A. see Bodesheim, J. 1-36628
- Otto, A. see Moller, H. 1-30655
- Otto, A. see Pockrand, J. 1-8150, 1-43127
- Otto, A. see Timper, J. 1-35046
- Otto, F. see Fingerhut, R. 1-13294
- Otto, H. see Bohmer, E. 1-27921
- Otto, J. see Wolfgang, E. 1-28137
- Otto, N.C. see Ross, L.E. 1-53585
- Otto, P., Ladik, J. Concept of charge transfer: investigation of charge transfer in the glyoxal-formamide, water dimer, and water-lithium cation systems 1-24239
- Otto, R. Echo-polymerchanoacrylography 1-22085
- Ottolenghi, M. see Doukas, A.G. 1-39865
- Ottolenghi, M. see Druckmann, S. 1-39959
- Ottolini, R. see McMechan, G.A. 1-22229
- Otonello, G. Rare earth abundances and distribution in some spinel peridotite xenoliths from Assab (Ethiopia) 1-49239
- Otzen Petersen, J. Bump masses and radii of BL Herculis variables 1-40508
- Otzinger, B.M. see Barnett, L.W. 1-53604
- Ou, J.J., Dahler, J.S., Jhon, M.S. Dynamic structure factor of a dilute polymer solution: generalised mean field approximation 1-46977
- Ou Hsien Wang see Hsien Wang Ou
- Ou Zhen-ya see Zhu He-nian 1-337
- Uano, A.C., Carothers, J.A. Dissolution dynamics of some polymers: solvent-polymer boundaries 1-30402
- Uauzany, Y. see Milan, C. 1-5368
- Ouchi, K. see Iwasaki, S.-i. 1-12369
- Ouchi, K. see Naito, K. 1-20727
- Ouchi, M. see Hishida, M. 1-742
- Oudar, J., Barbouth, N. Solubility of sulphur in iron-chromium alloys 1-52302
- Oudar, J.-L., Shen, Y.R. Nonlinear spectroscopy by multiresonant four-wave mixing 1-1639
- Ouden, C. den see den Ouden, C.
- Ouden, L.W.J. den see den Ouden, L.W.J.
- Ouden, L.W.J. den see den Ouden, L.W.J.
- Oudet, P. see Colin, P. 1-53939
- Oudet, X. The Curie-Weiss law and the chemical bond [rare earth metals] 1-25911
- Oudhri-Safiani, El.G. see Delduc, F. 1-5566, 1-5567
- Ouedraogo, A. see Vitton, J.P. 1-21112
- Ouensanga, A. Comments on "Thermodynamics of intermediate oxides in the Ti-O system" 1-39323
- Ouhayoun, M. see Clairon, A. 1-23190
- Ouimette, B.N., Moeller, C.E. Computerized calculation of swimming pool losses 1-33876
- Ouimette, D. see Frost, M.M. 1-43972
- Oura, K. see Okada, S. 1-16194
- Oura, N. see Kuramochi, N. 1-41346, 1-41804
- Oureshi, A.H. see Laghari, J.R. 1-19997
- Ouroshev, D. see Georgiev, M. 1-2428
- Ousley, G.W. see Mobley, F.F. 1-9346
- Ousset, J.C., Ulmet, J.P., Asomoza, R., Bieri, J.B., Askenazy, S., Fert, A. Resistivity and magnetoresistance of silver-rare earth amorphous alloys 1-30696
- Ousset, J.C. see Asomoza, R. 1-30722
- Ousset, J.C. see Fert, A. 1-20708
- Out, D.J.P. see Los, J.M. 1-51886
- Outhwaite, C.W. The electric double layer capacitance for a hard sphere ion-dipole electrolyte in the mean field approximation 1-31108
- Ouwu, Y., Watanabe, M., Asawo, H. Flow visualization of a two-dimensional water jet in a rectangular channel 1-42079
- Ouwkerk, H.J. Van see Van Ouwkerk, H.J.
- Ouyang, C.F. see Plonus, M.A. 1-1492
- Ouyang, K.L. Periodic solutions of conservation laws 1-10102
- OVakimova, N.K. see Vartanyan, Yu.L. 1-44563
- Ovcharenko, A.M., Brusilovskii, B.A., Getmanskiy, A.P. X-ray diffraction investigation of the texture and substructure in hydrostatically extruded carbon steels 1-26492
- Ovcharenko, F.D. see Ovramenko, N.A. 1-35511
- Ovcharenko, F.L. see Ovramenko, N.A. 1-53070
- Ovcharenko, N.I. see Tatarintsev, B.V. 1-43660
- Ovcharenko, O.V. see Deryugin, L.N. 1-6574
- Ovcharenko, V.E., Kashi, O.A., Dudarev, E.F., Lapsker, I.A., Turovets, L.A. Reinforcement of nickel with carbide-coated carbon fibers 1-12690
- Ovcharenko, V.E., Turovets, L.A., Dudarev, E.F., Zabolotskii, A.A., Tregubov, V.F., Salibekov, S.E. Activated graphitization of carbon fibers in a composite material with a nickel matrix 1-39282
- Ovcharenko, V.G. see Alekseev, V.A. 1-25775, 1-25776
- Ovcharenko, V.I. see Iliev, L.B. 1-52319
- Ovchinnikov, A.A. see Bendertskii, V.A. 1-4094
- Ovchinnikov, A.A. see Pavlov, G.A. 1-24956
- Ovchinnikov, B.M. see Barabash, A.S. 1-51039
- Ovchinnikov, I.M. see Burkov, V.A. 1-54131
- Ovchinnikov, I.M. see Kurbatov, L.N. 1-3022, 1-3499
- Ovchinnikov, O.N. Stability of flow of a viscous liquid through a rotating radial channel at low Rossby numbers 1-46809
- Ovchinnikov, O.V. Hydraulic resistance of a rotating radial channel 1-11472
- Ovchinnikov, S.G. see Petrakovskii, G.A. 1-34630
- Ovchinnikov, S.G. see Terukov, E.I. 1-25635
- Ovchinnikov, V.A., Pavlov, V.G. Hydrodynamic stability of incompressible boundary layers with variable viscosity 1-24764
- Ovchinnikov, V.L. see Gubarev, A.V. 1-19985
- Ovchinnikov, V.V. see Lyusenkov, Y.T. 1-48401
- Ovchinnikov, Yu.N. Vortex formation in small size superconducting specimens 1-12244
- Ovchinnikov, Yu.N. Metastable states and one-particle pinning in superconductors of the second kind near the critical field H_{c2} 1-30897
- Ovchinnikova, L.V. see Bojko, V.V. 1-2998
- Ovchinnikova, T.A. see Bereza, V.P. 1-53079
- Ovechkin, V.N. see Vysukubov, V.P. 1-46919
- Ovechko, V.S. see Zhmudskii, A.Z. 1-1632
- Ovejero-Carcia, J. see Larere, A. 1-3747
- Ovenden, M.W., Byl, J. Comets and the missing planet 1-40376
- Overbo, I. see Hubbell, J.H. 1-45909
- Overbo, I. see Johannessen, A.M. 1-566
- Overbo, I. see Olsen, H.A. 1-18498
- Overbury, S. see Elston, S.B. 1-37347
- Overbury, S.H., Dittner, P.F., Datz, S., Thoe, R.S. Energy and angular distribution of low energy H^+ and D^+ backscattered from polycrystalline carbon 1-26331
- Overbye, D. The ghost universe of neutrinos 1-13685
- Overcash, D.R., Davis, T., Cook, J.W., Jr., Skove, M.J. Stress-induced electronic transition (2.5 order) in Al 1-42673
- Overett, T.H. see Remsen, D.B., Jr. 1-33351
- Overgaard, J. Simultaneous and sequential hyperthermia and radiation treatment of an experimental tumor and its surrounding normal tissue in vivo 1-39966
- Overgaard, J. Effect of hyperthermia on the hypoxic fraction in an experimental mammary carcinoma in vivo 1-48962
- Overhauser, A.W. see Giuliani, G.F. 1-7540, 1-20647
- Overhof, H. see Uchtmann, H. 1-19859
- Overhill, R.E., Guest, M.F. On the structure of the tertiary butyl radical: an ab initio investigation 1-10654
- Overman, E.A., II, Zabusky, N.J. Stability and nonlinear evolution of plasma clouds via regularized contour dynamics 1-29873
- Overmeeren, R.A. Van see Van Overmeeren, R.A.
- Oversby, V.M. Lead-lead systematics: a discussion of the [LS] diagram proposed by G. Mahhes, C.J. Allegre, B. Dupre, and B. Hamelin 1-4626
- Overseth, O.E. see Pondrom, L. 1-45286
- Overseth, O.E. see Yamin, P. 1-45372
- Overshott, K.J., Blundell, M.G. The variation of power loss and domain wall spacing with applied stress in wide amorphous ribbon material 1-12349
- Overshott, K.J. see Blundell, M.G. 1-12350
- Overskei, D.O. Efficacy of passive-limiter pumping of neutral particles 1-42197
- Oversluizen, G. see Schoonman, J. 1-7378
- Overstraeten, R. Van see Van Overstraeten, R.
- Overstraeten, R.J. Van see Van Overstraeten, R.J.
- Overstraeten, R. Van see Van Overstraeten, R.
- Overton, G.D.N., Trevena, D.H. Cavitation phenomena and the occurrence of pressure-tension cycles under dynamic stressing 1-42445
- Overton, M.W. see Alber, L.L. 1-31919
- Overton, W.C., Jr. Analysis of the macroscopic equations for second sound in solids 1-15961
- Overway, D. see Janacke, J. 1-36924
- Ovrichkii, J.N. see Nalimov, I.P. 1-1519
- Ovitt, T.W. see Frost, M.M. 1-43972
- Ovodova, L.G. see Mitrofanov, V.P. 1-25380
- Ovramenko, N.A., Kalenchuk, V.G., Ovcharenko, F.L. Hydrothermal phase transitions in the $MgO-Al_2O_3-SiO_2-H_2O$ system 1-53070
- Ovramenko, N.A., Shvets, L.I., Ovcharenko, F.D., Kornilovich, B.Yu. Kinetics of hydrothermal synthesis of barium metatitanate 1-35511
- Ovrrut, B.A., Schnitzer, H.J. Decoupling theorems for effective field theories 1-23433
- Ovsencko, A.N. Method for determining axial residual loads by using semicylindrical specimens 1-19659
- Ovseichik, Ya.G. see Raikhshteyn, V.E. 1-32172
- Ovsepyan, A.K. see Pogosyan, Ya.M. 1-7902
- Ovshinsky, S.R. The chemistry of glassy materials and their relevance to energy conversion [amorphous semiconductors] 1-30060
- Ovshinsky, S.R. see Madan, A. 1-39765
- Ovshinsky, S.R. see Tsu, R. 1-35044, 1-53006
- Ovsienko, D.E. see Movchan, B.A. 1-3719
- Ovsyankin, V.V., Fedorov, A.A. Avalanche quenching of luminescence 1-48154
- Ovsyankin, V.V., Podkolzina, I.G., Fedorov, A.A. Cooperative luminescence of heterogeneous crystals 1-12550
- Ovsyankin, V.V. see Ignatev, I.V. 1-43168
- Ovsyannikov, M.P. On calculation of viscous interaction in terms of the pressure on conical bodies 1-24836
- Ovsyannikov, V.A. see Levin, A.I. 1-15535
- Ovsyannikov, V.D. Dynamic polarizabilities of highly excited atomic levels 1-41331
- Ovsyannikov, V.D. see Manakov, N.L. 1-24460, 1-28940, 1-33411
- Ovsyannikova, L.P., Yavor, S.Ya. Electrostatic energy analyzers for electron microscopes 1-403
- Ovsynk, N.N., Sinyukov, M.P. Influence of quantisation in the sub-surface region of a semiconductor on the electroreflectance spectra 1-3369
- Ovsyuk, V.N. see Kravchenko, A.F. 1-52606
- Ovsyuk, V.N. see Kvon, Z.D. 1-2984
- OWada, S., Oba, J., Majima, T., Abiru, Y. Analogy between surface oscillations of liquid and the pendulum motion 1-33972
- Owais, M. see Baumann, N.P. 1-18697
- OWaki, S. see Takeda, S. 1-965
- Owari, M., Kudo, M., Nihei, Y., Kamada, H. Photoelectron diffraction effects in XPS angular distributions from GaAs (110) and Ge (110) single crystals 1-53050
- Owechko, Y., Tanguay, A.R., Jr. Exposure-induced charge distribution effects on the modulation transfer function (MTF) of electrooptical spatial light modulators 1-24489
- Owedky, J. see Kociszewski, A. 1-38839
- Owen, A. A three-dimensional model of the Bristol Channel 1-54126
- Owen, D.G. see Rumery, T.E. 1-23773
- Owen, D.G. see Taylor, P. 1-30392
- Owen, D.G. see Wikjord, A.G. 1-16951
- Owen, E.E. High-range containment atmosphere radiation monitoring 1-28716
- Owen, F.N. see Hardee, P.E. 1-40552
- Owen, F.N. see Jones, T.W. 1-54646
- Owen, I.B. see Catlow, C.R.A. 1-38819
- Owen, J. see Rino, C.L. 1-54320
- Owen, J.A. see Nisbet, J. 1-27941
- Owen, J.C. Optimal Jastrow correlations for Fermi liquids: application to liquid 4He 1-52383
- Owen, J.R. see Canuto, V.M. 1-32775
- Owen, M.P., Solymar, L. Efficiency of volume phase reflection holograms recorded in an attenuating medium 1-6510

- Owen, M.P., Solymar, L. Large factor wavelength scaling for a high efficiency volume holographic collector 1-41628
- Owen, N.L. see Iqbal, K. 1-45959
- Owen, R.B., Campbell, C.W. Laser beam manifold and particle photography system for use in fluid velocity measurements 1-24902
- Owen, R.C. see Corden, M.J. 1-14429
- Owen, R.C. see Corden, M.J. 1-14428, 1-28352
- Owen, R.M. see Meyers, P.A. 1-36002
- Owen, S.J.T. see Bhattacharya, P.K. 1-47766
- Owen, S.J.T. see Raven, M.S. 1-2842
- Owen, T. see Barker, E. 1-44483
- Owen, T. see Caldwell, J. 1-54417
- Owen, T. see Collins, S.A. 1-22721
- Owen, T. see Jaffe, W. 1-44482
- Owen, T.C. see Davies, M.E. 1-4797
- Owen, T.E. see Spiegel, R.J. 1-17696
- Owens, A.J. A possible mechanism for the origin of the triadial variation in the cosmic radiation 1-49461
- Owens, A.J. see Gombosi, T.I. 1-22644
- Owens, B. see Pack, S. 1-20445
- Owens, D.A., Leibowitz, H.W. Accommodation, convergence, and distance perception in low illumination 1-35765
- Owens, D.K., Arunasalam, V., Barnes, C., Bell, M., Bol, K., Cohen, S., Cecchi, J., Daughney, C., Davis, S., Dimock, D., Dylla, H.F., Elthimion, P., Fonck, R., Grek, B., Hawryluk, R., Hinnov, E., Hsuan, H., Irie, M., Jacobsen, R., Johnson, D., Maeda, H., Mansfield, D., Mazzucato, E., McGuire, K., Meade, D., Mueller, D., Okabayashi, M., Schmidt, G.L., Schmidt, J.A., Silver, E., Sinis, J., Staib, P., Strachan, J., Suckewer, S., Tenney, F., Ulrickson, M. PDX divertor operation 1-25073
- Owens, E., Fujikawa, S. The hearing performance inventory and hearing aid use in profound hearing loss 1-4296
- Owens, F.J. On the possibility of the role of phonon relaxation processes in shock induced chemical reactions in organic solids 1-17058
- Owens, J.E., Schorn, B.E. Electrostatic ignition hazards with flammable liquids 1-24311
- Owens, J.F. see Cornell, L. 1-10153
- Owens, J.F. see Duke, D.W. 1-14391, 1-14400
- Owens, J.M. see Carter, R.L. 1-12383
- Owens, M.S. see Warburton, J.A. 1-22372
- Owens, R.G. Severe winter hailstorm in South Devon 1-9232
- Owens, T.J. see Zandt, G. 1-49232
- Owens, W.L. see Trimble, L.C. 1-53645
- Ower, H., Elze, Th.W., Idzko, J., Stelzer, K., Emiling, H., Fuchs, P., Grosse, E., Schwalm, D., Wollersheim, H.J., Kaffrell, N., Trautmann, N. High spin states of ^{23}Th , ^{234}U and ^{236}U 1-45397
- Owers-Bradley, J.R. see Calder, I.D. 1-20498
- Owby, G.W. see Zehner, D.M. 1-7433
- Owocki, S.P., Auer, L.H. Two-dimensional radiative transfer. II. The wings of Ca K and Mg k 1-32675
- Owren, H.M. see Hopkins, D.B. 1-10537
- Owsiak, T. see Wasilewska-Radwanska, M. 1-21822
- Owsik, J. see Dubik, A. 1-19376
- Owsley, C.J. see Sekuler, R. 1-39930
- Owyong, A.A., Escherick, P. Sub-Doppler Raman saturation spectroscopy 1-11045
- Owyong, A. see Valentini, J.J. 1-10019
- Owzarski, P.C., Sutter, S.L., Mishima, J., Schwendiman, L.C., Johnston, J.W. Fuel power transport through container leaks 1-41205
- Oxburgh, E.R. see Brown, G.C. 1-32401
- Oxy, C.B. see McCarthy, I.D. 1-8997
- Oxinos, G. see Modinos, A. 1-53058
- Oxley, D.P., Bowles, A.J., Horley, C.C., Langley, A.J., Pritchard, R.G., Tunnicliffe, D.L. The use of a new inelastic electron tunnelling spectrometer in the study of isomers of benzenedicarboxylic acid 1-29069
- Oxley, D.P. see Reynolds, S. 1-50286
- Oxley, J.H. see Bloom, S.G. 1-4603
- Oxtoby, D.W. A useful interpolation between static and motional narrowing limits for vibrational dephasing 1-46024
- Oxtoby, D.W. see Hilton, P.R. 1-46065
- Oxtoby, D.W. see Velsko, S.P. 1-37261
- Oxton, I.A., Kettle, S.F.A. Vibrational frequencies associated with the interstitial carbon atoms in the large metal cluster complexes $(\text{NMe}_2)_2[\text{Os}_6(\text{CO})_{24}]$ and $\text{H}_2\text{Os}_6(\text{CO})_{24}$ 1-45962
- Oya, A., Tamega, F., Sato, M., Otani, S. An attempt to prepare a layer-type complex of clay and carbon 1-39259
- Oya, G., Onodera, Y. Superconducting materials 1-3126
- Oya, S., Sayashi, M. Solute distributions and diffusion behavior in the latter stage of solidification and below the solidus in Cu-8 mass%Sn alloy castings 1-3717
- Oya, S., Sayashi, M., Fukuhara, Y. Growth of peritectic β -phase in Cu-Sn alloys 1-8293
- Oyabu, T. Structure of obliquely deposited SiO films for use in liquid-crystal devices 1-2837
- Oyama, H., Sakamoto, Y., Ishibe, Y. Reduction of titanium oxide film by ECR plasma 1-29927
- Oyama, H. see Sakamoto, Y. 1-29922, 1-29941
- Oyama, I. see Maruyama, H. 1-47906
- Oyama, K. Shuttle/Tethered Satellite System (TSS) and its application to space science 1-36158
- Oyama, K. see Hirao, K. 1-54313
- Oyama, K.-L. see Banks, P.M. 1-54317
- Oyama, T., Wadsworth, J., Sherby, O.D., Korchny, M. Influence of dilute alloying additions on the superplastic properties of ultrahigh carbon steels 1-16856
- Oyama-Gannon, K. see Jacobs, P.W.M. 1-21222
- Oyama-Gannon, K. see Kamishima, Y. 1-12577
- Oyama-Gannon, K. see Simkin, D.J. 1-48164
- Oyamada, H. see Fukukita, H. 1-53882
- Oyamada, K., Okoshi, T. High-accuracy WKB analyses of α -power graded-core fibers 1-1701
- Oyamada, K., Okoshi, T. High-accuracy numerical data on propagation characteristics of α -power graded-core fibers 1-6667
- Oyamada, M. see Hayashi, M. 1-24126
- Oyen, L.C. Impact of standards on radwaste systems design 1-14671
- Oylear, J.M., Peddicord, K.L. Statistical sampling of response surfaces for safety evaluations 1-5944
- Oytana, C., Mermet, A., Delobelle, P. Biaxial stress change experiments during high temperature creep 1-39394
- Oytana, C. see Delobelle, P. 1-21523
- Ozaki, H. see Mori, N. 1-52719
- Ozaki, J., Tomishima, Y. Monte Carlo solutions of Schrodinger's equation for H_2^+ ion in strong magnetic fields 1-10642
- Ozaki, K. On the direct emission component of $\text{K}\alpha$ \rightarrow π γ decay 1-14370
- Ozaki, M., Peebles, D., Weinberger, B.R., Heeger, A.J., MacDiarmid, A.G. Semiconductor properties of polyacetylene p-(CH) $_n$ -CdS heterojunctions 1-2981
- Ozaki, M. see Suzuki, N. 1-21245
- Ozaki, N. see Tokoi, H. 1-15497
- Ozaki, S. see Chung, S.U. 1-14423, 1-45362
- Ozaki, S. see Kato, E. 1-48087
- Ozaki, S. see Otsubo, H. 1-6707
- Ozaki, T. see Miyamoto, S. 1-10564
- Ozaki, T. see Ohsawa, T. 1-27990
- Ozaki, Y., Kataoka, Y., Okada, K., Yamamoto, T. Tunneling states of a tetrahedral molecule in a tetrahedral field 1-24107
- Ozaki, Y., Kataoka, Y., Okada, K., Yamamoto, T. Theory of phase transitions in solid methanes. XIV. The total neutron scattering cross section in phase II of solid CH_4 1-52276
- Ozaki, Y., Kataoka, Y., Yamamoto, T. Theory of phase transitions in solid methanes. XIII. The differential neutron scattering cross section in phase II of solid CH_4 1-7322
- Ozaki, Y. see Hamano, K. 1-12706
- Ozaki, Y. see Kobayashi, A. 1-34152
- Ozaki, Y. see Nose, S. 1-7453
- Ozaki, Y. see Yench, A.J. 1-10706
- Ozarev, V.A. see Arslanov, V.V. 1-7424
- Ozassayama, Y. see Uyeda, S. 1-44132
- Ozawa, H., Uno, R. X-ray diffraction study on amorphous PbTiO_3 1-42306
- Ozawa, H. see Negishi, K. 1-6735
- Ozawa, H. see Takahashi, M. 1-26137
- Ozawa, K. see Anzai, S. 1-30943
- Ozawa, K. see Gesi, K. 1-8010
- Ozawa, K. see Takahashi, J. 1-12602
- Ozawa, L. An experimental proof of radiative recombination mechanisms of electron-hole pairs at activator ions 1-48171
- Ozawa, S. see Wakasugi, Y. 1-42628
- Ozawa, Y. see Himeno, S. 1-15615
- Ozawa, Y. see Yasutomo, Y. 1-46926
- Ozboy, N. see Brozel, M.R. 1-3381
- Ozboy, N. see Gokhman, A. 1-17261, 1-17271
- Ozeki, T. see Ninomiya, H. 1-911
- Ozenne, J.-B. see Moseley, J.T. 1-37178
- Ozer, M. see Mtingwa, S.K. 1-45300
- Ozer, O., Eich, W.J. Analysis of LWR benchmark experiments with ENDF/B-V data 1-18813
- Ozer, O. see Stametatos, M.G. 1-10459
- Ozernoi, L.M. see Dokuchaev, V.I. 1-54573
- Ozernoi, L.M. The whirling theory of the origin of structure in the Universe 1-9756
- Ozerov, L.N. see Grechnev, K.V. 1-9345
- Ozerov, L.N. see Istomin, V.G. 1-9398
- Ozerskii, V.I. see Rybnik, A.A. 1-21666
- Ozersky, V. Thermal and photothermal conversion of colour centres in KCl after high-dose electronic irradiation 1-16588
- Ozgener, H.A., Lewis, E.E. Multigroup criticality calculations for non-uniform lattices using a constrained finite element method 1-45571
- Ozhogina, V.K. see Imenitov, A.B. 1-50153
- Ozhovan, M.I. see Manykin, E.A. 1-10112, 1-29325
- Ozhovan, M.I. see Manykin, Z.A. 1-34037
- Ozier, I., Meerts, W.L. Avoided-crossing molecular-beam spectroscopy of symmetric tops. I. Phosphoryl fluoride (OPF $_2$) 1-45986
- Oziewicz, Z. The physical regions on the Mandelstam plane as the Lie group space 1-5530
- Oziewicz, Z., Gorczyca, W. Quadrupling in the shell model 1-36911
- Ozima, M., Podosek, F.A. Mantle-crust material interaction from the rare gas viewpoint 1-17570
- Ozima, M. see Podosek, F.A. 1-49238
- Ozimek, E.J., Chai, B.H.T. Piezoelectric properties of single crystal berillite 1-16529
- Ozin, G.A. Spectroscopy, chemistry and catalysis of metal atoms, metal dimers and metal clusters 1-41531
- Ozisik, M.N., Shouman, S.M. Source function expansion method for radiative transfer in a two-layer slab 1-15370
- Ozisik, M.N. see Bayazitoglu, Y. 1-2079
- Ozisik, M.N. see Bogado Leite, S. 1-18722
- Ozisik, M.N. see Mikhailov, M.D. 1-35532
- Ozisik, M.N. see Vick, B. 1-2082
- Ozizmir, E. see Imre, K. 1-2228
- Ozkaynak, T.F., Chen, J.C. Emulsion phase residence time and its use in heat transfer models in fluidized beds 1-29665
- Ozobishin, V.V. see Lebedev, S.Ya. 1-26352, 1-45079, 1-53034
- Ozols, K.D. see Bergmanis, K.A. 1-48018
- Ozoroczy, Zs. see Kapuy, E. 1-1103, 1-37111, 1-37112
- Ozrin, V.D. see Barabanenkov, Yu.N. 1-5164
- Ozturk, B. An analysis of chemisorption in multi-component systems 1-42632
- Ozturk, Y., Williams, R.W. Further consideration to the determination of viscometric data from the Brookfield synchro-lectric viscometer 1-51887
- Ozveren, C.S., Endean, V.G. Pre-breakdown electrical conductivity of nearly saturated mercury vapour 1-15579
- P., G.del Conde see del Conde P., G.
- P. Lai Shih-Sheng see Shih-Sheng P. Lai
- P. Lam Yuk-Ming see Yuk-Ming P. Lam
- Paakkonen, E. see Tormala, P. 1-39374
- Paal, A. see Molnar, J. 1-36075
- Paalanen, M.A., Bishop, D.J., Dail, H.W. Dislocation motion in hcp ^4He 1-47327
- Paar, H.P. Measurement of neutral current cross-sections and their energy- and y-dependence 1-28266
- Paar, V. New facets of quadrupole phonon 1-14449
- Paar, V. An energy-B(E2) generalized vibrational rule for one-phonon multiplets in odd-A nuclei 1-28362
- Paar, V., Vanden Berghe, G., Garrett, C., Leigh, J.R., Dracoulis, G.D. Experimental and theoretical investigation of a quasi- $f_{7/2}$ multiplet pattern in ^{147}Sm 1-23538
- Paar, V. see Ekstrom, L.P. 1-23587
- Paasch, G., Heinrich, A. Quadratic response of the electron gas. Inclusion of local field corrections 1-25652
- Paasch, G. see Heinrich, A. 1-30661
- Paasch, G. see Hietschold, M. 1-7269
- Paasche, V.K. Leak-detection in chemical plants 1-50145
- Pabst, R.F., Bognar, I., Zwissler, J.B. Static, dynamic and cyclic fatigue of ceramic materials 1-3875
- Pabst, R.F. see Kromp, K. 1-53272
- Pabst, R.F. see Li-Shing Li 1-26592
- Pabst, R.F. see Popp, G. 1-53273
- Pabst, R.F. see Tradnik, W. 1-43438
- Pabst, S. see Hafekorn, H. 1-29219
- Pac, P.Y. see Lee, C. 1-33096
- Pacak, P. Crystal growth from a calcium nitrate tetrahydrate melt 1-20086
- Pacati, F. see Barreau, P. 1-28471
- Pacati, F.D. see Boffi, S. 1-28453
- Paccard, D. see Le Roy, J. 1-34289
- Paccard, D. see Saillard, M. 1-30163
- Pace, C. see Srivastava, R.B. 1-43853
- Pace, M.D. see Han-Ching Wang 1-43011
- Pace, M.O. see Chan, C.C. 1-7032
- Pace, M.O. see Ferrell, T.L. 1-11616
- Pace, P., Cruickshank, J. Frequency-stabilized hybrid CO $_2$ laser 1-46387
- Pace, P.W., Cruickshank, J.M. A frequency stabilized compact high repetition rate TEA-CO $_2$ laser 1-1583
- Pace, R. Special effects and animation by optical techniques 1-23326
- Pace, R.J., Datnyer, A. Model of sorption of simple molecules in polymers 1-7462
- Pace, R.J., Datnyer, A. Nature of penetrant jump length in diffusion within polymers 1-11912
- Pace, R.J., Datnyer, A. Statistical mechanical model of sorption and diffusion of simple penetrants in polymers 1-30564
- Pace, S. see Cucolo, A.M. 1-50157
- Pacer, R.A. Evaluation of counting efficiency, possible container sorption and quenching characteristics in the liquid scintillation counting of ^{99}Tc 1-37079

- Pacey, P.D., Wimalasena, J.H. An induction period in the pyrolysis of ethane. Determination of individual rate constants for ethyl radical reactions 1-31833
- Pacheco, D. *see* Danko, J. 1-52988
- Pacher, O., Schintlmeyer, W., Raine, T. Influence of vacuum sintering furnace atmosphere on carbon content of hardmetal 1-53132
- Pacher, P. *see* Cser, L. 1-45774
- Pacheva, S.I. *see* Nisimov, E.R. 1-14273
- Pacheva, Y. *see* Stefanova, M. 1-24394
- Pachler, K.G.R., Pachter, R. INDO MO calculations of the electronic structures of pyrole, imidazole, and derivatives 1-51118
- Pachler, K.G.R., Wessels, P.L. Rotational isomerism. A gas-phase ^1H nuclear magnetic resonance study of 1-bromo-2-chloroethane 1-10758
- Pachomov, L.G. *see* Spector, V.N. 1-27957
- Pachter, R. *see* Pachler, K.G.R. 1-51118
- Pachtman, N. *see* Averil, R.G. 1-17447
- Paci, G. Results of studies on a coastal ocean monitoring satellite system 1-27323
- Paci, M. *see* Andruzzi, F. 1-26737
- Pacilio, N. *see* Arcipiani, B. 1-33281
- Paciotti, M.A. *see* Amois, H.I. 1-22116
- Paciotti, M.A. *see* Hogstrom, K.R. 1-27005
- Pack, D.H. Precipitation chemistry patterns: a two-network data set 1-9222
- Pack, R.T., Hirschfelder, J.O. Virial theorem for relativistic molecular collisions. Atom-rigid rotor scattering 1-10809
- Pack, S., Owens, B., Wagner, J.B., Jr. Electrical conductivity of the $\text{LiI-H}_2\text{O-Al}_2\text{O}_3$ system 1-20445
- Pack, S.P. *see* Clearfield, A. 1-31374
- Packard, N.H. *see* Huberman, B.A. 1-30884
- Packard, R.E. *see* Eisenstein, J.P. 1-16133, 1-20497
- Packard, R.E. *see* Swift, G.W. 1-25521
- Packeiser, G., Gwinner, D. The formation mechanisms of dislocation networks in twisted silicon 1-20226
- Packeiser, G. *see* Gwinner, D. 1-20225
- Packer, K.J., Wright, K.M. J order and cross polarization in scalar-coupled spin systems 1-43022
- Packer, L. *see* Carmeli, C. 1-21992
- Packham, B.A. Small-amplitude waves in a straight channel of uniform triangular cross-section 1-15504
- Packham, D.F. *see* Adam, T. 1-17020
- Packman, P.E. *see* Tanner, R.D. 1-47374
- Packter, A. The crystallisation of alkaline-earth metal silicates and titanates from metal chloride melts. Solubility-temperature phase diagram studies 1-21430
- Packter, A. The crystallisation of alkaline-earth metal oxides from metal chloride melts: solubility-temperature phase diagram analyses and preliminary experimental studies 1-21431
- Packter, A., Robson, M.J. The crystallisation of chromite-magnesiochromite spinels from a calcium magnesium aluminosilicate glass: nucleation, crystal growth and final crystal sizes 1-42311
- Packter, A. *see* Roy, B.N. 1-20087
- Paczynski, B., Schwarzenberg-Czerny, A. Disk accretion in U Geminorum 1-17870
- Paczynski, B. *see* Ziolkowski, J. 1-17871
- Paczynski, B. A model of the subdwarf binary system LB 3459 1-17869
- Padalia, B.D., Prabhawalkar, V., Prabhawalkar, P.D., Sampathkumaran, E.V., Gupta, L.C., Vijayaraghavan, R. Evidence for the presence of mixed valency in CeNi_2 : XPS study 1-43241
- Padalia, B.D. *see* Hatwar, T.K. 1-43219
- Padalia, B.D. *see* Koul, P.N. 1-39182
- Padalia, B.D. *see* Nagarajan, R. 1-43218
- Padalka, V.G. *see* Vakula, S.I. 1-3524
- Padam, G.K. *see* Sootha, G.D. 1-3249
- Padar, I. *see* Kohut, J. 1-23281
- Paddi Reddy, S., Verma, K.K. The α -X electronic band system of selenium monoxide at $1.8 \mu\text{m}$ 1-37195
- Paddison, F.C., Kwang Yu Use of geothermal energy in the eastern United States 1-26816
- Paddleford, D.F. *see* Burman, D.L. 1-28670
- Paddleford, D.F. *see* Hochreiter, L.E. 1-50815
- Paddock, C. *see* Miles, R. 1-11010
- Paddon, D.J. *see* Holstein, H., Jr. 1-37866
- Padel, L. *see* Drillon, M. 1-47875
- Paderin, L.Ya. Effect of the cooling of a radiation throttle on its characteristics with regulation of the density of the radiant heat fluxes 1-15367
- Paderin, L.Ya. *see* Iljin, Yu.S. 1-28063
- Paderno, V.N. *see* Khokhlacheva, N.M. 1-39275
- Paderno, V.N. *see* Pilyankevich, A.N. 1-12866
- Paderno, Yu.B., Barantseva, I.G., Dudnik, E.M., Prokopenko, I.V. Coefficient of normal $\text{CuK}_{\alpha 1}$ X-radiation absorption of calcium hexaboride 1-39183
- Paderta, B., Staffl, M. Losses in an electrically conducting magnetic half-space with an adjacent AC current carrying filament 1-1435
- Padevet, V. Comparison of the theory of a dynamically significant coma with PN-fireballs 1-36226
- Padgaonkar, A.D. *see* Arora, B.R. 1-49345
- Padhy, S. *see* Acharya, B.P. 1-46750
- Padial, N., Csanak, G., McKoy, B.V., Langhoff, P.W. Photoexcitation and ionization in carbon dioxide: theoretical studies in the separated-channel static-exchange approximation 1-24198
- Padial, N. *see* Langhoff, P.W. 1-24196
- Padial, N.T. *see* da Paixao, F.J. 1-19192
- Padikal, T.N., Lichter, A.S., Tepper, J., Glatstein, E., Schwade, J., Fredrickson, H., Risso, W.L., Roberson, R.L., Iler, V., Chang, M., Van de Geijn, J., Kinsella, T. Experience with a CT based treatment planning system 1-22128
- Padilha, A.F., Schanz, G. Precipitation of a boride phase in 15% Cr-15% Ni-Mo-Ti-B austenitic stainless steel (DIN 1.4970) 1-26468
- Padjou, J. *see* Bocquillon, G. 1-2385
- Padiyar, R. *see* Pao, Y.C. 1-22049
- Padmanabham, K.P. *see* Mukherjee, A.K. 1-22435
- Padmanabhan, K.P. *see* Sarma, G.S.S. 1-40755
- Padmanabhan, K.A. Metallographic evidence for superplastic flow 1-16848
- Padmavathi Sankar, T.A. *see* Velu, E.M.T. 1-26427
- Padmini, A.R.K.L. *see* George, A.K. 1-15952, 1-47171
- Padova, J. *see* Saad, D. 1-39668
- Padovan, J. Non-linear vibrations of general structures 1-24727
- Padovan, J., Zeid, I. On the development of traveling load finite elements 1-36491
- Padro, J.A. *see* Giro, A. 1-7072
- Padula, S.L. *see* Yen, D.H.Y. 1-1751
- Padua, N.I. *see* Polyakov, S.N. 1-16888
- Padureanu, I. Contributions to the study of the static and dynamic structure of aluminium and tin in liquid state using diffraction and inelastic neutron scattering techniques 1-52049
- Pae, K.D. *see* Newman, B.A. 1-12456
- Pae, K.D. *see* Quesada, D.L. 1-11692
- Pae, K.D. *see* Scheinbeim, J.I. 1-11693, 1-12467, 1-52898
- Paek, U.C. *see* Krause, J.T. 1-51616
- Paek, U.C. *see* Peterson, G.E. 1-11093
- Paerels, F.B.S., Lamers, H.J.G.L.M., de Loore, C. The effect of mass loss on the age-determination of young clusters, with an application to the Orion OB-association 1-13822
- Paesler, M.A., Okumura, T., Paul, W. Emission spectroscopy of glow-discharge and sputtering plasmas used in amorphous Si:H film deposition 1-29910
- Paesler, M.A. *see* Qguz, S. 1-34574
- Paetz gen. Schieck, H. *see* Oswald, H. 1-36944
- Pagac, P. *see* Marschalko, R. 1-4414
- Paganelli, C.V. *see* Goldinger, J.M. 1-26884
- Paganonne, M. *see* Mattei, G. 1-16571
- Paganus, J. *see* Masnik, W. 1-15564
- Page, B.C. *see* Bewley, D.K. 1-8998
- Page, C. *see* Roberts, L.D. 1-33428
- Page, C.H. Reactive power in nonsinusoidal situations 1-36696
- Page, D.I. Practical guide to the PLUTO small angle scattering spectrometer 1-14718
- Page, D.N. Particle transmutations in quantum gravity 1-5213
- Page, D.N. *see* Hawking, S.W. 1-5209
- Page, J.H., Prieur, J.-Y. An ultrasonic study of the ionic crystal Sr-AgI 1-20321
- Page, J.K. Solar prospects for the UK and the EEC 1-39743
- Page, M.J. *see* Stephens, P.R. 1-44192
- Page, R., Weertman, J.R. Limitations on the use of intergranular fracture surfaces for the determination of cavity spacings 1-12863
- Page, R., Weertman, J.R. Evolution of dislocation structure in polycrystalline copper fatigued at high temperature 1-53284
- Page, R., Weertman, J.R., Roth, M. Investigation of fatigue-induced grain boundary cavitation by small angle neutron scattering 1-3917
- Page, R.J., Rothman, A.B., Marsh, G.E., Schmidt, K.J., Hooper, F.L., August, C., Johanson, E., Larsen, G., Froehle, P.H. Results from the J1 low ramp rate TREAT experiment 1-14657
- Page, R.J. *see* Vaurio, J.K. 1-5964
- Page, T.F. *see* Jepps, N.W. 1-30124
- Pagel, B.E.J., Edmunds, M.G., Smith, G. On the composition of H II regions in southern galaxies. II. NGC 6822 and 1313 1-4961
- Pagel, B.E.J. *see* Mallia, E.A. 1-44559
- Pagels, H., Stokar, S. Magnitude of the light current quark masses 1-33163
- Pages, J.P. *see* Vergez, M. 1-44331
- Pages, M. *see* Abazli, H. 1-15869
- Pages, M. *see* Gal, J. 1-47993
- Pagiola, E. *see* Fritz, P. 1-14431
- Paglietti, A. Can the theory of linear viscoelasticity be derived from the current thermodynamic theory of simple materials with fading memory? An objection 1-33910
- Paglione, R. *see* Mendecki, J. 1-43938
- Paglione, R.W. *see* Sterzer, F. 1-43937
- Pagost, P.O. *see* Pedrini, C. 1-52600
- Pagsberg, P. *see* Wilbrandt, R. 1-41384
- Pagsberg, P.B. *see* Jensen, N.-H. 1-51211
- Pague, H.I. *see* Blair, H.S. 1-31853
- Paguta, M.T. *see* Ladikov, Yu.P. 1-7010
- Paguta, P., Toteva, A., Gispetska, L., Mazanets, K. Heat treatment of steels containing 9%Ni 1-48388
- Pahis, L. *see* Kupperman, D.S. 1-43619
- Pahl, M. *see* Mark, T.D. 1-44307
- Pahl, W. *see* Beyer, W. 1-23170
- Pahim, O. *see* Borjesson, P. 1-22148
- Pahimlan, J.E., Anderson, C.F., Khalafulla, S.E. High-temperature corrosion resistance of alumina refractories to lignite ash slags 1-3960
- Pahor, J. *see* Kodre, A. 1-1161
- Pahud, P., Ravussin, E., Acheson, K.J., Jequier, E. Energy expenditure during oxygen deficit of submaximal concentric and eccentric exercise 1-17366
- Pahud, P., Ravussin, E., Jequier, E. Energy expended during oxygen deficit period of submaximal exercise in man 1-13267
- Pahutova, M., Cadek, J. On two types of creep behaviour of FCC solid solution alloys 1-3838
- Pai, H.L., Andrews, D.G. A simple formula for calculation of prompt neutron yield from spontaneous fission of transuranics 1-23692
- Pai, H.L., Andrews, D.G. Calculation of $\bar{\nu}$ for neutron-induced fission of ^{239}Pu at neutron energies from thermal to 20 MeV 1-50671
- Pai, H. *see* Lin, P. 1-30747
- Pai, H. *see* Joshi, G.M. 1-30747
- Pai, R.Y., Christophorou, L.G. Impulse breakdown of $\text{c-C}_4\text{F}_8/\text{SF}_6$ and $\text{c-C}_4\text{F}_8/\text{SF}_6/\text{N}_2$ 1-7035
- Pai, R.Y., Christophorou, L.G., Sauer, I., Fatheddin, A. Measurement of properties of perfluorocarbon/SF₆ mixtures relevant to applications 1-15709
- Pai, S.I., Das, M.M., Li, H. Compactness effects on drift of Arctic pack ice 1-27182
- Pai, S.I., Menon, S., Fan, Z.Q. Similarity solutions of a strong shock wave propagation in a mixture of a gas and dust particles 1-2024
- Pai, S.T., Lee, K.C. X-ray-induced thermoluminescence centers in $\text{CaF}_2:\text{Ho}^{3+}$ 1-48175
- Paisano, G., Paveri-Fontana, S.L. Evaluation of the S matrix for a class of potentials 1-5516
- Paidar, V. The effect of diffusion on solid solution hardening 1-26486
- Paidar, V. *see* Zarubova, N. 1-43351
- Paidarova, I. *see* Polak, R. 1-51151
- Paige, D.M. *see* Jacobson, M.E. 1-50912
- Paige, E.G.S. Surface acoustic waves and their applications 1-33842
- Paik, I. *see* Blair, P. 1-43740
- Paik Sung, C.S. Comparison of the structure-properties in 2,4 TDI based polyether polyurethanes and polyurethaneureas 1-15819
- Paikheh, Ya. *see* Sollogub, V.B. 1-22281
- Pailthorpe, B.A. *see* Chan, D.Y.C. 1-11651
- Paimushin, V.N., Andreev, S.V. Transverse bending of cantilevered three-layer plates with layers of variable thickness stiffened along the contours by elastic diaphragms 1-29562
- Pain, J.-P. *see* Antonini, G. 1-43808
- Paine, B.M. *see* Golecki, I. 1-38678
- Paine, J.W., Andersen, R.S. Uniformly valid approximation of eigenvalues of Sturm-Liouville problems in geophysics 1-9274
- Painter, G.S. Calculation of the multipole potential from an arbitrary localized charge distribution 1-47421
- Painter, G.S. *see* Harris, J. 1-6421
- Painter, L.R., Arakawa, E.T., Williams, M.W., Ashley, J.C. Optical properties of polyethylene: measurement and applications 1-3519
- Painter, L.R. *see* Birkhoff, R.D. 1-43088
- Painter, M.J., Pearce, R. The elevated temperature behaviour of some Al-Mg alloys 1-3797
- Pairitz, J.F. *see* Newhouse, V.L. 1-13347
- Pais, A. *see* Georgi, H. 1-45227
- Paisner, J.A. *see* Eimerl, D. 1-46452
- Paisner, M.J. *see* Gaylord, R.J. 1-34254
- Paizt, J., Gosztanyi, L. The growth of two inch diameter GGG crystals 1-8213
- Paixao, F.J. *see* da Paixao, F.J.
- Pajaczowska, A. On the mechanism of mass transport of Mn, Cd, Se and Mn, Hg, Se solid solutions by chemical reactions 1-21334
- Pajaczowska, A. *see* Baran, M. 1-38966
- Pajaczowska, A. *see* Berkowski, M. 1-8214
- Pajak, J. *see* Rozenfeld, B. 1-26297
- Pajares, C. *see* Baig, M. 1-28244
- Pajasova, I., Abrahams, A., Gregora, I., Zavetova, M. Optical properties of hydrogenated sputtered silicon in the 0-13 eV photon energy range 1-31215
- Pajer, G.A. *see* Haavisto, J. 1-29409
- Pajunen, P. Extensions of a method for evaluating higher-order semiclassical phase integrals 1-32864
- Pak, A.P., Trapeznikov, L.P. An experimental verification of the hypothesis of generalized normal rupture 1-3928
- Pak, C.O. *see* Fukushima, M. 1-45770
- Pak, C.O. *see* Terada, S. 1-14415
- Pak, G.T. *see* Bogatov, A.P. 1-51481
- Pak, G.T. *see* Borisenko, V.E. 1-51518
- Pak, G.T. *see* Eliseev, P.G. 1-51482
- Pak, G.T. *see* Kononenko, V.K. 1-41704

- Pak, H., Zaneveld, J.R.V., Kitchen, J.** Intermediate nepheloid layers observed off Oregon and Washington 1-27181
- Pak, I.** see Koloshnikov, V.G. 1-14957
- Pak, N.K.** Electric charge as the source of CP violation 1-50316
- Pak, V.S.** see Gleizer, I.Z. 1-24351
- Pak, Yu.N.** see Bochenin, Yu.V. 1-27295
- Pak Hasong** see Hasong Pak
- Paka, V.T.** see Karabasheva, E.I. 1-4524
- Pakay, P., Fjodorov, A.M.** Results of loss repeatability measurements of Soviet coaxial connectors 1-23275
- Pakharyan, V.A.** see Aleskerova, S.A. 1-3998
- Pakhmatullina, A.Z.** see Troitski, V.N. 1-48714
- Pakhomov, E.P., Sychev, P.E.** Electromagnetic interaction of a helical arc current with its own magnetic field 1-15667
- Pakhomov, E.P.** see Asinovsky, E.I. 1-15698
- Pakhomov, P.A.** see Bosin, M.E. 1-2470
- Pakhomov, V.I.** see Saifuddinov, V.Z. 1-38343
- Pakhomov, V.K.** see Basov, Yu.G. 1-52010
- Pakhomov, V.P.** see Fateev, V.N. 1-23351
- Pakhtusova, E.V.** see Zholentz, A.A. 1-14381
- Pakiari, A.H., Linnett, J.W.** Single-determinantal open- and closed-shell FSGO calculations for some diatomic molecules 1-10633
- Pakula, T.** The renormalization group method in modelling of mechanical properties of heterogeneous polymeric materials 1-48410
- Pakula, T., Grebowicz, J., Kryszewski, M.** The kinetics of spontaneous changes in the phase structure of molten two-component polymer systems 1-30030
- Pakull, M.** see Eichendorf, W. 1-36296
- Pakvasa, S.** see Barger, V. 1-33144
- Pakvasa, S.** see Ma, E. 1-10204, 1-33105
- Pal, A., Bhattacharyya, P.** Fluctuation effects in the transport coefficients of liquid ^3He 1-2756
- Pal, A., Jayaraman, V., Sinha, M.P., Dutta Roy, S.K.** An auxiliary method of determining the thermal conductivity of poor conducting solids at low temperature 1-50133
- Pal, A.F.** see Dem'yanov, A.V. 1-42248
- Pal, A.K.** see De, D.K. 1-52830
- Pal, A.K.** see Ghosh, C.K. 1-47615
- Pal, B.K.** Electroproduction of two protons on a proton target 1-45296
- Pal, B.P.** see Banerjee, B. 1-4418, 1-40212
- Pal, D., Rook, J.R., Kobos, A.M.** Adiabatic approximation for alpha-nucleus scattering 1-5786
- Pal, D.S.** Nonlinear behavior of instabilities in diphasic flow in a heterogeneous porous medium 1-34007
- Pal, E.** see Beregi, E. 1-7101
- Pal, K.F., Lovas, R.G.** Local-potential α -cluster model for ^{40}Ca and ^{44}Ti 1-14444
- Pal, L.** Anisotropy effect on a special first-order magnetic phase transition 1-12291
- Pal, M.K.** Treatment of pairing in a time-dependent theory 1-23573
- Pal, R.B.** see Singh, P.P. 1-8565
- Pal, S.** see Prasad, M.D. 1-33378
- Pal, S.P.** see Ghosh, S.K. 1-29882
- Pal, S.R.** see Carswell, A.I. 1-36055
- Pal, T.** see Cleland, W.E. 1-23522, 1-45360
- Pal Singh Om** see Om Pal Singh
- Pal'-Val', L.N., Pal'-Val', P.P., Platkov, V.Ya.** Determination of strain amplitudes in an ultrasonic wave at helium temperatures 1-19524
- Pal'-Val', L.N., Platkov, V.Ya.** Hysteresis of the low-temperature dislocation internal friction in doped lead 1-30322
- Pal'-Val', P.P.** see Kaufmann, H.-J. 1-38377
- Pal'-Val', P.P.** see Pal'-Val', L.N. 1-19524
- Palagi, F.** see Chioderi-Drago, F. 1-4875
- Palagushkin, A.N., Val'kov, I.G., Bondarenko, V.S.** Preparation and certain properties of epitaxial layers of AlN on $\alpha\text{-Al}_2\text{O}_3$ 1-20578
- Palaguta, N.G.** see Maiboroda, V.P. 1-35265
- Palamarchuk, A.F.** see Parabina, G.I. 1-53141
- Palamarchuk, V.K., Lobachenko, A.N., Tishina, E.A., Teterina, T.I.** On the problem of separating gravitational anomalies in mountain regions 1-40234
- Palanichamy, P.** see Sharma, S.K. 1-38474
- Palanisamy, R., Lord, W.** Prediction of eddy current probe signal trajectories 1-8497
- Palanisamy, R., Lord, W.** Finite element analysis of eddy current phenomena 1-43626
- Palanna, O.G.** Studies on the electrical properties of tungsten doped V_2O_5 1-7608
- Palano** see Armstrong 1-10254
- Palano, A.** see Armstrong, T. 1-10606
- Palano, A.** see Costa, G. 1-23516
- Palano, A.** see Di Gennaro, V. 1-5660
- Palano, A.** see Evangelista, C. 1-23515, 1-45354
- Palanque, S.** see Aymar, R. 1-40822
- Palanque, S.** see Badier, J. 1-10582
- Palanque, S.** see Hubbard, J.R. 1-14755
- Palant, Yu.O.** see Beigelzimer, Yu.Yu. 1-26540
- Palassopoulos, G.V.** A probabilistic approach to the buckling on thin cylindrical shells with general random imperfections: solution of the corresponding deterministic problem 1-6803
- Palatnik, L.S., Fuks, M.Ya., Arinkin, A.V., Gladkikh, L.I.** Structural studies of systems with small inclusions according to static distortion temperature dependence 1-8314
- Palatnik, L.S., Kagan, Ya.I., Fat'yanova, N.B.** Stepped decomposition of alloy 40KhNyU 1-43356
- Palatnik, L.S., Koz'ma, A.A., Fuks, M.Ya., Fogel', Ya.M., Tishchenko, L.P., Peregon, T.I.** Polymorphic transformations with helium implantation into Ag and Au epitaxial films 1-2483
- Palatnik, L.S., Lukashenko, L.I., Zolotnitskiy, Yu.V.** Charged domain boundaries in thin ferroelectric films 1-30977
- Palatnik, L.S.** see Il'inskiy, A.I. 1-16836
- Palatnik, L.S.** see Lukashenko, L.I. 1-34914
- Palau, J.M.** see Testemale, E. 1-7701
- Palavra, A.M.F.** see Albuquerque, G.M.N. 1-38422
- Palazzi, G.** see Cumo, M. 1-28583
- Palazzi, M., Carcaly, C., Flahaut, J.** A new superionic conductor: $(\text{LaO})\text{AgS}$ 1-30468
- Palazzi, M., Carcaly, C., Flahaut, J.** A new ionic conductor $(\text{LaO})\text{AgS}$. [Synthesis and characterization] 1-38587
- Palazzi-Cerrina** see Armstrong 1-10254
- Palazzi-Cerrina, C.** see Allasia, D. 1-23495
- Palazzi-Cerrina, C.** see Di Gennaro, V. 1-5660
- Palchae, D.K.** see Pashaev, B.P. 1-52541
- Palchae, D.K.** see Pashuk, E.G. 1-8496
- Palchevskii, V.V., Tulub, A.A., Yudovich, E.E.** Solubility of molecular forms of oxanttrahinons in water and carbon tetrachloride 1-4121
- Palchik, M.Ya.** see Fradkin, E.S. 1-5472
- Palchik, V.V., Pyatov, N.I.** Self-consistent model of quadrupole excitations in deformed nuclei 1-5680
- Paldus, J., Boyle, M.J.** Particle-hole formulation of the unitary group approach to the many-electron correlation problem. I. State construction and classification 1-19037
- Paldus, J.** see Boyle, M.J. 1-19038
- Paldus, J.** see Cizek, J. 1-1088
- Paldus, J.** see Jankowski, K. 1-24013
- Paldus, J.** see Wormer, P.E.S. 1-10674
- Palekhin, V.P.** see Kuntsevich, S.P. 1-52824
- Palen, J.W.** see Breber, G. 1-37926
- Palentine, J.E.** The calibration of fast reactor irradiated silicon carbide temperature monitors using a length measurement technique 1-897
- Palenzona, A., Cirafici, S.** The thorium-cadmium phase diagram 1-53158
- Palenzona, A.** see Iandelli, A. 1-34492
- Palermo, L., da Silva, X.A.** Magnetic behavior of van Vleck ions and an electron gas interacting by exchange 1-30899
- Palermo, L., da Silva, X.A.** Induced magnetism via conduction electron exchange. Application to PrAl 1-47868
- Palev, T.D.** S-matrix for interacting A-fields 1-18395
- Palevich, L.A.** see Ostrovskii, M.V. 1-48777, 1-48778
- Paley, M.** see Clough, S. 1-47024
- Paley, M.N.J.** see Clough, S. 1-34257, 1-34958
- Palicka, R.** see Singh, J.P. 1-39427
- Palli, G.N., Pushkin, S.B.** Improvement of time and frequency stabilization 1-27935
- Palli, G.N.** see Shabanova, T.V. 1-4931
- Palli, O.I.** see Barkan, A.I. 1-21664
- Palli, E.D.** see McKnight, S.W. 1-3497, 1-16611
- Palinkas, G.** see Szasz, Gy.I. 1-46974
- Palinkas, J., Sarkadi, L., Schlenk, B.** L-subshell alignment in gold following low-velocity proton and He^+ impact ionisation 1-6367
- Palinkas, J., Schlenk, B.** L-subshell ionization cross sections for Au, Pb, and Bi by 60-600 keV electron impact 1-1388
- Palis, H.** see Uhlig, H.-W. 1-35637
- Palistrant, M.E., Bezzub, O.P.** A significant enhancement of the thermoelectric power in superconductors at the Lifshitz electronic transition 1-3093
- Palistrant, M.E.** see Moskalenko, V.A. 1-52761
- Palivoda, I.P.** see Kiyas, S.G. 1-31338
- Paljevic, M., Ban, Z.** Oxidation of stoichiometric Zr_2Al -based alloy 1-26663
- Palke, H.** see Daum, C. 1-14424
- Palke, W.E.** The effect of image charges on molecular adsorption 1-2817
- Palkina, K.K., Maksimova, S.I.** Structure of crystals of the double mixed ortho-pyro-phosphate $\text{K}_2\text{Ni}_2(\text{PO}_4)_2(\text{P}_2\text{O}_7)$ 1-20170
- Palkina, K.K., Maksimova, S.I., Kuznetsov, V.G.** Structure of crystals of alky ytterbium triphosphate $\text{YbH}_2\text{P}_3\text{O}_{10}$ 1-34304
- Palia, F.** see Natta, A. 1-9638
- Palia, G., Bauhoff, W., Geramb, H.V.** Microscopic optical potential for ^{24}Mg , ^{27}Mg , ^{23}Na 1-50565
- Palia, G.** see Bauhoff, W. 1-45480
- Palia, G.** see Von Geramb, H.V. 1-5758
- Palia, L.** see Forgacs, P. 1-14275, 1-40938, 1-45131, 1-50015
- Paligai, D.** see Selivanov, V.M. 1-28589, 1-36995
- Pallavicini, R.** On the origin of microwave emission from sunspots 1-4870
- Palley, I.** see Chudnovsky, A. 1-38442
- Palley, I.** see Kastelic, J. 1-35798
- Palley, I.** see Moet, A. 1-12716
- Pallis, S.** The solar bath-tap 1-31986
- Pallo, J.M.** see Olds, L.E. 1-31388
- Pallon, J.H.** see Lannefors, H.O. 1-54224
- Palm, E., Tveitereid, M.** On coupled Van der Pol equations 1-42055
- Palm, G.** On the storage capacity of an associative memory with randomly distributed storage elements 1-48974
- Palm, J.A., Greskovich, C.D.** Thermomechanical properties of hot-pressed $\text{Si}_2\text{Be}_3\text{O}_{10}\text{N}_3\text{O}_{0.2}$ ceramic 1-3871
- Palm, J.A.** see Greskovich, C. 1-26602, 1-53146
- Palm, T.** see Johansson, K.E. 1-18350
- Palma, A., Gonzalez, E., Goscinski, O.** ESCA peak intensities for small molecules in the sudden approximation 1-1274
- Palma, A.** see Alippi, A. 1-1791, 1-19408
- Palmadesso, P.** see Lyon, J. 1-17735
- Palmadesso, P.J.** see Chen, H.C. 1-51360
- Palmadesso, P.J.** see Papadopoulos, K. 1-36114
- Palmar, J.P.** see Rasigni, M. 1-20527, 1-42843
- Palmer, A.G.** see Hobbs, B.S. 1-35642
- Palmer, C.R.** see Bryan, G.H. 1-5916
- Palmer, D.A.** see Baum, G. 1-28323
- Palmer, D.A.** see Meyer, R.E. 1-41215
- Palmer, D.A.** see Pfeil, A. 1-14906
- Palmer, D.C., Bowlen, T.F., Weinstein, A.A.** Implementing a real-time radiation control system at the D.C. Cook nuclear plant 1-50961
- Palmer, D.F.** see Anderson, J.L. 1-13438
- Palmer, D.J.** see Matthew, I.G. 1-4101
- Palmer, D.W.** see Wilson, C.R. 1-44017
- Palmer, E.W.** see Verrill, J.F. 1-45030
- Palmer, H.J., Maheshri, J.C.** Enhanced interfacial heat transfer by differential vapor recoil instabilities 1-33883
- Palmer, I.G.** see Holt, J. 1-48437
- Palmer, M.H., Nisbet, J.D.** The molecular and electronic structure of homoaromatic compounds: cis,cis,cis-cyclonona-1,4,7-triene and 1,4,7-trioxonin; a study by photoelectron spectroscopy and ab initio molecular orbital methods 1-10645
- Palmer, M.H., Simpson, I., Findlay, R.H.** ^{14}N nuclear quadrupole coupling in heterocyclic compounds. II. A comparison of ab initio calculations and experimental results for the azoles and azines 1-41406
- Palmer, M.H.** see Platenkamp, R.J. 1-10644
- Palmer, P.** see Rickard, L.J. 1-54613
- Palmer, R.A., Whitcomb, D.R.** ^1H and ^{31}P NMR spectral analysis of the cis-trans equilibria of $[\text{NiX}_2(\text{Cy}_2\text{PH})_2]$ complexes: $[\text{AMY}_2]_2$ spin systems 1-14925
- Palmer, R.A.** see McGavin, D.G. 1-16474
- Palmer, R.B.** A laser-driven grating LINAC 1-50998
- Palmer, R.B.** see Diakonou, M. 1-10256
- Palmer, R.B.** see Kourkoumelis, C. 1-5665, 1-50474
- Palmer, R.B.J.** see Akhavan-Rezayat, A. 1-11796
- Palmer, R.G.** see Bantilan, F.T. 1-30955
- Palmer, S.B.** see Aindow, A. 1-30331
- Palmer, S.B.** see Aindow, A.M. 1-46641
- Palmer, S.B.** see Al-Kassim, A. 1-15337
- Palmer, S.B.** see Blackie, G.N. 1-26005
- Palmer, S.B.** see Butler, B. 1-2550
- Palmer, S.B.** see Greenough, R.D. 1-30914
- Palmer, S.B.** see Jiles, D.C. 1-26003, 1-31007
- Palmer, S.B.** see Scruby, C.B. 1-42471
- Palmer, W.F.** Alternative to standard chiral perturbation theory 1-45157
- Palmer, W.F., Pinsky, S.S.** Vacuum symmetry structure in quantum chromodynamics 1-5591
- Palmer, W.F.** see Milton, K.A. 1-550, 1-10202
- Palmeri, A., Shaaban, A.** Design features of TFR support structures 1-6029
- Palmeri, A.** see Julien, J. 1-41145
- Palmetshofer, L.** see Gresslacher, K.H. 1-7191
- Palmetshofer, L.** see Lischka, J. 1-47551
- Palmgren, D., Otis, D.R.** Wind energy capacity of a single airfoil with vertical axis on a circular track 1-53541
- Palmieri, J.F., Ballini, Y.** Near equilibrium mobility tensor in a semiconductor superlattice: scattering by acoustical phonons 1-12110
- Palmieri, A.** see Migliorati, B. 1-45590
- Palmieri, L.** see Alippi, A. 1-1791, 1-19408
- Palmieri, P.** see Bendazzoli, G.L. 1-35008
- Palmonari, F.** see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Palmstrom, C.J.** see Mukherjee, S.D. 1-16209
- Palomaki, K.** see Karjalainen, L.P. 1-39382
- Palosaari, S., Linko, K.** Flow of blood in transfusion systems 1-53804
- Palous, J.** see Fridman, A.M. 1-54622
- Palpacuer, M.** see Bernard, O. 1-40881
- Palsson, B., Krumlinde, J., Bergqvist, J., Nilsson, L., Lindholm, A., Santry, D.C., Earle, E.D.** Proton capture by ^{176}Yb in the giant dipole resonance region 1-685
- Palthe, D.W.** Van Wulfften see Van Wulfften Palthe, D.W.

- Palti, Y., Moran, N., Stampeli, R. Potassium currents and conductance. Comparison between motor and sensory myelinated fibers 1-26886
- Paltiel, Z. *see* Levit, S. 1-14562
- Pal'tsev, E.I., Aggashyan, R.V. System for stabilization of the position of the human hand upon slight perturbation: role of viscoelasticity of the forearm muscles 1-31274
- Pal'Tsovich, A.P. *see* Pokhodnya, I.K. 1-48757
- Palumbo, D. Fusion programme in Western Europe 1-14698
- Palumbo, F. The C_{∞} limit of quantum gauge theories 1-36793
- Palumbo, L.J. *see* Champagne, L.F. 1-42181
- Palumbo, L.J. *see* Wexler, B.L. 1-37472
- Palusinski, O.A. *see* Giriashankar, P.V. 1-10460
- Pal'Val', L.N., Plavkov, V.Ya., Roshchupkin, A.M. Interaction of dislocations with impurity atoms of various valencies and the high-frequency internal friction in superconducting and normal lead 1-30271
- Pal'yanov, P.A. *see* Vedernikova, E.A. 1-49995
- Palyulin, V.A., Zefirov, N.S., Shklover, V.E., Struchkov, Yu.T. Conformations of eight-membered cyclohexanes 1-29133
- Pambukhchyan, N.Kh. *see* Brailovskii, E.Yu. 1-42379
- Pamler, W. *see* Roll, K. 1-42641
- Pamler, W. *see* Stobiecki, F. 1-12281
- Pamplin, B. The adamantane family of compounds 1-39227
- Pamplin, B.R. *see* Hughes, O.H. 1-2412
- Pamplin, B.R. (editor) Molecular beam epitaxy 1-28
- Pampuch, R., Ptak, W., Jonas, S., Stoch, J. Formation of ternary Si-O-C phase(s) during oxidation of SiC 1-16932
- Pamula, A. *see* Hindawi, S.K. 1-17037
- Pamyatnykh, E.A. Quantum anomalies in inhomogeneous susceptibility of a metal in magnetic field 1-47889
- Pamyatnykh, E.A. *see* Bagaev, V.N. 1-34611
- Pan, C.A., Ma, T.P. Work function of In_2O_3 films as determined from internal photoemission 1-25794
- Pan, C.A., Ma, T.P. Highly transparent conductive films of thermally evaporated In_2O_3 1-47405
- Pan, C.L., Prodan, J.V., Fairbank, W.M., Jr., She, C.Y. Detection of individual atoms in helium buffer gas and observation of their real-time motion 1-10690
- Pan, K.M., Liu, C.N. Tomographic reconstruction of ultrasonic attenuation with correction for refractive errors 1-53841
- Pan, P.H., Shanks, H.R., Bevolio, A.J., Danielson, G.C. Low-temperature heat capacity of some alkali metal tungstates 1-38550
- Pan, R.L. *see* Bhardwaj, R. 1-43784
- Pan, T.T. *see* Carey, G.F. 1-19740
- Pan, V.M., Flis, V.S., Latsheva, V.I., Beletskii, Yu.I., Klimenko, G.A. Superconducting properties of tubular elements with diffused Nb_3Sn layers 1-25849
- Pan, V.M., Korostil', A.M., Litvin, S.E., Nikitin, B.G., Beletskii, Yu.I. Electric conductivity of greatly disordered alloy in the 4.2-300K range 1-7578
- Pan, V.M. *see* Lazarev, B.G. 1-3124
- Pan, V.M. *see* Skripov, A.V. 1-31048
- Pan, Y.-K. *see* Zhu, J.-K. 1-46022
- Pan, Y.L. *see* Campbell, E.M. 1-41227
- Pan, Z. *see* Yuan, Z. 1-8941
- Pan Chai-Fu *see* Chai-Fu Pan
- Pan Shao-hua, Tang Xiao, Feng Bao-hua Injection locking of dye lasers 1-51520
- Pan Shao-hua *see* Xu Zu-yan 1-46361
- Pan Shao-hua *see* Yang Guo-zhen 1-24358
- Pan Xing-long *see* Hua Zhong-yi 1-23384
- Pan Yu-ying, Zheng Jian-xuan, Cheng, C.S. A phase diagram of the alloys of the ternary system of the aluminium-copper-gallium 1-48323
- Pan Zheng-liang, Wang Zhong-guang, Kong Qing-hu, Ge Ting-sui Dislocation internal friction peaks with anomalous amplitude effect in Al-Mg alloy 1-21500
- Pan-lin Li *see* Li Pan-lin
- Panagakos, N., Waller, P. The surface of Venus 1-17778
- Panagia, N., Barbon, R., Ciatti, F., Rosino, L. Supernova in NGC 6946 1-13790
- Panagia, N. *see* Natta, A. 1-9638, 1-44606
- Panagia, N. *see* Vettolani, G. 1-49699
- Panagia, N. *see* Weiler, K.W. 1-17886, 1-54527
- Panagiotopoulos, P.D., Talwid, D. A linear analysis approach to the solution of certain classes of variational inequality problems in structural analysis 1-1821
- Panaiotov, I. *see* Filipov, P. 1-7089
- Panakhov, F.S. *see* Rakhmatulin, Kh.A. 1-38619
- Panamsky, I.M., Kurtel, A.I., Koev, I.T. A photoelectrical transducer and a light-measuring device 1-28064
- Panarakakis, G. *see* Kamarinis, G. 1-20469
- Panaras, A.G. Separation pressure of a turbulent boundary layer in transonic interactions 1-15475
- Panas, S.I. Testing results of circulation pumps in nuclear power plants with RBMK-1000 reactors 1-14580
- Panasenko, B.V., Nesmelov, E.A., Tagirov, R.B. Influence of residual gas pressure on optical properties of thin films 1-3523
- Panasenko, G.P. *see* Vasil'eva, O.A. 1-29439
- Panasenko, N.M. *see* Rogacheva, E.I. 1-42512
- Panasjuk, V.S., Sokolov, A.N., Stepanov, B.M. Application of strong magnetic fields for the acceleration of charged particles 1-33357
- Panasjuk, L.M. *see* Grushko, N.S. 1-20878
- Panasjuk, N.N. *see* Guz', A.N. 1-15435
- Panasjuk, V.V., Andreikiv, A.D., Stadnik, M.M. Spatial problems of the theory of cracks. III. The propagation of cracks under temperature and fatigue loading 1-34407
- Panasjuk, V.V., Andreikiv, A.E., Stadnik, M.M. Spatial problems of the theory of cracks (review). I. Fundamental mechanical concepts and mathematical methods in spatial problems of the theory of cracks 1-29625
- Panasjuk, V.V., Andreikiv, A.E., Stadnik, M.M. Spatial problems of the theory of cracks. II. The elastic and limit equilibrium of solids with cracks under force loading 1-33930
- Panasjuk, V.V., Andreikiv, O.E., Dubets'kii, S.A. A mixed problem of the elasticity theory for a half-space with several piecewise smooth separation lines of boundary conditions 1-37797
- Panasjuk, V.V. *see* Borschuk, E.M. 1-51720
- Panatta, A., Monaco, S.F., Matzeu, M. A simplified approach to the antiferrelectric equations for an inhomogeneous thin layer 1-33623
- Panaye, A. *see* Dubois, J.-E. 1-14788
- Panayiotou, C., Vera, J.H. The quasi-chemical approach for non-randomness in liquid mixtures. Expressions for local surfaces and local compositions with an application to polymer solutions 1-31891
- Panayotatos, P., Card, H.C. Use of V_{oc}/J_{sc} measurements for determination of barrier height under illumination and for fill-factor calculations in Schottky-barrier solar cells 1-21881
- Panayotatos, P., Card, H.C. Recombination velocity at grain boundaries in polycrystalline Si under optical illumination 1-30760
- Panayotides, L.A., Daniil, P., Cohen, E. The design of a power/energy meter utilising galvanomagnetic principles 1-5341
- Panayotounakos, D.E., Theocaris, P.S. A closed form solution for the static analysis of continuous skew-curved beams 1-6758
- Panayotounakos, D.E., Theocaris, P.S. Non-linear elastic analysis of circular beams loaded by co-planar concentrated forces 1-41950
- Panchenko, I.N. *see* Klokova, N.P. 1-44903
- Panchenko, I.P. *see* Bliokh, Yu.P. 1-51961
- Panchenko, T.V., Kudzin, A.Yu., Truseeva, N.A. Thermally stimulated currents in $\text{Bi}_{12}\text{SiO}_{20}$ single crystals 1-25660
- Panchenko, V.A., Smirnov, Ye.P. Generalized orthogonality relation for waveguides with anisotropic filling 1-2200
- Panchenko, V.I. *see* Afraymovich, E.L. 1-4630
- Panchenko, V.I. *see* D'yakov, V.E. 1-24950
- Panchenko, V.Ya. *see* Varakin, V.N. 1-46849
- Panchenko, Yu.N. *see* Kuramshina, G.M. 1-14866
- Pancheri-Srivastava, G., Srivastava, Y. Energy-momentum distribution in e^+e^- annihilation 1-18502
- Pancheri-Srivastava, G. *see* Ramon-Medrano, M. 1-23412
- Pancheva, M. *see* Pangelova, N. 1-8591
- Pancheva, M. *see* Todorov, T. 1-51409
- Pancholy, R.K., Yu-Tak Young, M. IMMA applications to ion implantation in silicon-on-sapphire 1-25299
- Panchovskii, D. *see* Genov, G. 1-31551
- Panchuk, O.E. *see* Feichuk, P.I. 1-16092
- Panchuk, V.K. *see* Bernger, Yu.K. 1-9247
- Panda, A.R. *see* Misra, S.P. 1-10267, 1-33189, 1-45232
- Pande, A. *see* Doukas, A.G. 1-39865
- Pande, A.K. *see* Durgapal, M.C. 1-27548
- Pande, B.M., Anand, M.S. Low temperature (4.6K) fast neutron irradiation or zirconium and Zircaloy 2 and 4: dose and recovery studies 1-7212
- Pande, C.S., Pick, M.A., Sabatini, R.L. The 'activation' of FeTi for hydrogen absorption: an electron microscopic study 1-4124
- Pande, M.C., Gaur, V.P., Bondal, K.R., Dubey, R.C. Centre to limb variation of rotational temperature of the CH molecules in the solar photosphere 1-32685
- Pande, M.K., Gupta, C.L., Sharma, R.R., Sharma, M.N. Isothermal Anderson-Grueneisen parameter δ_T of alkali halide crystals 1-11833
- Pande, P.C. Solar technology for drying fruits 1-21911
- Pandev, I.N., Khristova, M.G., Stefanov, S.D., Genchev, N.V., Bak'rdziev, S.T., Khristov, Kh.D., Genov, D.T. A gamma-irradiating unit for biological objects 1-27047
- Pandey, A.N. *see* Bhushan, S. 1-39135, 1-52997
- Pandey, A.N. *see* Rastogi, V.K. 1-31136
- Pandey, B.D. *see* Ram, R. 1-2029
- Pandey, D. *see* Kuhlmann-Wilsdorf, D. 1-20233
- Pandey, D.K. *see* Cogley, A.C. 1-4762
- Pandey, G.C. Use of renewable fuels in the rural development of India 1-17149
- Pandey, J.D. Evaluation of the van der Waals constant, internal pressure and sound velocity in binary liquid mixtures from Flory's theory 1-47173
- Pandey, J.D., Prapajati, S.R. Thermal conductivities of binary gas mixtures 1-11489
- Pandey, J.D. *see* Chaturvedi, B.R. 1-38226
- Pandey, J.D. *see* Pandey, R.P. 1-20344
- Pandey, J.D. *see* Srivastava, S.N. 1-15783
- Pandey, K. *see* Durgapal, M.C. 1-27548
- Pandey, P.C., Sharma, A.K., Gohil, B.S. Capability of Bhaskara SAMIR to distinguish atmospheric water vapour and liquid water contents 1-44337
- Pandey, P.K.K., Santry, D.P. Vibrational contribution to molecular polarizabilities and hyperpolarizabilities 1-6229
- Pandey, R.B. *see* Kumar, D. 1-52790
- Pandey, R.K. *see* Chandra, S. 1-4209
- Pandey, R.P., Pandey, J.D. Anharmonic coefficients of alkali halide crystals 1-20344
- Pandey, R.P. *see* Chaturvedi, B.R. 1-47039
- Pandey, S.N. Scalar tensor theories in P-space times 1-44818
- Pandey, S.N. *see* Mitskievic, N.V. 1-9912
- Pandey, V.N., Thakur, S.N. Photoacoustic spectra of naphthalenes: 2-fluoro, 2-chloro, 2-bromo and 2-hydroxynaphthalenes 1-14912
- Pandey Bishun Deo *see* Bishun Deo Pandey
- Pandharipande, V.R. *see* Waringa, R.B. 1-36916
- Pandhumsoporn, T. *see* Hayes, J. 1-31705
- Pandian, S., Porile, N.T. Angular distributions and differential ranges of Ba products from the interaction of ^{238}U with 0.8-400-GeV protons 1-41111
- Pandian, S. *see* Velu, E.M.T. 1-8272
- Pandiscio, A.A. *see* Dix, J.A. 1-14148
- Pandit, P.N., Verma, R.C., Khanna, M.P. Weak gamma decays and the nonleptonic weak Hamiltonian 1-50425
- Pandit, R. *see* Svrakic, N.M. 1-3202
- Pando, C. *see* Diaz Pena, M. 1-1298
- Pandolf, K.B. *see* Shapiro, Y. 1-17351
- Pandolfini, P. *see* Consortini, A. 1-6466
- Pandoulas, D. *see* Brandelick, R. 1-23510, 1-23527, 1-50411
- Panduranga, A. *see* Gupta, S.M. 1-49108
- Pandurovic, N.M., Skundric, S.P., Milicevic, D.N. The compensated current comparator with automatically zeroing flux 1-28031
- Pandya, G.R., Vyas, D.D. Crystallization of glycine-sulfate 1-3596
- Pandya, M.L., Machwe, M.K. Study of association of molecules of rhodamine 6G by fluorescence polarization 1-29027
- Pandya, R.M. *see* Sinha, H.S.S. 1-44208
- Pandya, S.P. *see* Kota, V.K.B. 1-23568
- Panebratsev, Y.A. *see* Matveeva, E.N. 1-28806
- Panek, L.W. Demonstration of the first overtone transverse vibrational mode in a stiff solid bar 1-5050
- Panek, R.J. Periodic spectral variability of the Ap star HR 234 1-17851
- Panek, R.J. On the rapid variability of AM Herculis 1-49716
- Panek, R.J., Holm, A.V., Schiffer, F.H. UX Ursae Majoris 1-22841
- Panek, R.J., Stutman, D.R. Ca II H and K lines in A type stellar spectra 1-9477
- Panek, R.J. *see* Holm, A.V. 1-13786
- Panek, R.J. *see* Walborn, N.R. 1-49656
- Panek, T.J. *see* Barton, J. 1-39013
- Panek, Z. *see* Havlica, J. 1-7330, 1-36624
- Panerai, R.B. A model of cardiac muscle mechanics and energetics 1-32161
- Panfilov, V.N., Strunin, V.P., Chapovskii, P.L., Shalagin, A.M. Light-induced charge and splitting of a $^{13}\text{CH}_3\text{F}_2$ - $^{12}\text{CH}_3\text{F}_2$ mixture in a continuous IR radiation field 1-41438
- Panfilov, V.N. *see* Braun, V.R. 1-44975
- Panfilov, V.V. *see* Allakhverdiev, K.R. 1-8073
- Panfilov, V.V. *see* Vinogradov, E.A. 1-3417, 1-8062
- Panfilov, Yu.A., Filatov, E.Ya. Resistance of structural steel to fatigue in a state of nonuniform complex stress 1-39444
- Panfilova, L.M. *see* Gladstein, L.I. 1-53352
- Panfilova, N.P. *see* Deyvishev, M.I. 1-39997
- Pang, C.Y., Campbell, A.M., McLaren, P.G. Losses in Nb/Ti multifilamentary composite when exposed to transverse alternating and rotating fields 1-47800
- Pang, C.Y. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Pang, C.Y. *see* Dorfan, J.M. 1-41020
- Pang, C.Y. *see* Himel, T.M. 1-18482
- Pang, C.Y. *see* Scharre, D.L. 1-18485, 1-45292
- Pang Yu-zhang *see* Cao Ke-ding 1-5327
- Pang Yuan *see* Yuan Pang
- Pangborn, J. *see* Schellenberg, D.A. 1-27045
- Pangborn, J.B. *see* Johnson, D.G. 1-4071
- Pangborn, R.J., Beaman, D.R. Laser glazing of sprayed metal coatings 1-43597

- Pangborn, R.N., Weissmann, S., Kramer, I.R.** Fatigue failure prediction by X-ray double crystal diffractometry and topography 1-31820
- Pangborn, R.N., Weissmann, S., Kramer, I.R.** Dislocation distribution and prediction of fatigue damage 1-52137
- Pangborn, R.N., Yazici, R., Tsakalakos, T., Weissmann, S., Kramer, I.R.** Determination of prefracture damage in fatigued and stress-corroded materials by X-ray double crystal diffractometry 1-31639
- Pangelova, N., Pancheva, M., Katsev, A., Petrova, T.** Ageing and regression of light sensitive layers of lead iodide suspensions 1-8591
- Panbans, W.-G., Schrodin, R.** A one-dimensional circulation and climate model and its application to the lower atmosphere 1-4561
- Panhuise, V.E., Bull, S.R., Seydel, J.A.** Scintillation converter screen investigation for real-time neutron radiography 1-41278
- Panic, B.M.** see Zekovic, L.D. 1-35098
- Panich, A.M.** see Moroz, N.K. 1-6283
- Panichev, G.I.** see Shershev, A.A. 1-7451
- Panichkina, V.A., Bilobrov, V.M., Titov, E.V.** Rotational isomerism and conformational equilibrium of trichloroacetic acid molecules 1-37211
- Panighini, M.** see Stanovnik, A. 1-23950
- Panigrahi, R.N.** see Dengupta, D. 1-48254
- Panikarsky, A.S., Rabukhin, V.B.** A highly sensitive millibarameter 1-44320
- Panikov, N.N.** see Keskyula, A.Yu. 1-21659
- Panin, A.N.** see Kashnikov, G.N. 1-34054, 1-51466
- Panin, V.E.** see Gaziev, R.A. 1-30622
- Panin, V.E.** see Naumov, I.I. 1-12016, 1-47147
- Panin, V.E.** see Psakh'e, S.G. 1-15921
- Pania, V.I.** Moving phase-frequency characteristics of piezoconverters 1-46652
- Panin, V.M.** see Emel'yanov, I.Ya. 1-28643
- Panin, V.S.** see Kuraev, E.A. 1-10185
- Panina, N.V.** see Vainshtein, A.A. 1-26545
- Panish, M.B.** Molecular beam epitaxy 1-12661
- Panish, M.B.** Molecular beam epitaxy of GaAs and InP with gas sources for As and P 1-35179
- Panish, M.B.** see Capasso, F. 1-48279
- Panish, M.G., Cho, A.Y.** Epitaxy by molecular beam. Molecular beams in a vacuum chamber, produce devices starting from the atom 1-35177
- Panissod, P.** see Aliaga-Geurra, D. 1-26064
- Panissod, P.** see Amamou, A. 1-25620
- Panissod, P.** see Friedt, J.M. 1-25680
- Panitkin, Yu.G.** see Belovitski, G.E. 1-18622
- Panitz, J.A.** see Fowler, G.L. 1-36669
- Panitz, J.A.** see Karkiewicz, L.M. 1-325
- Panitz, J.K.G.** see Kellogg, G.L. 1-15913
- Paniutin, V.L., Ponedelnikov, B.E., Rozenson, A.E., Tshikhov, V.I.** Band structure of AgGa (S,Se_{1-x})₂ solid solution at $x=0$ 1-12028
- Panjabi, M.M.** see Walter, S.D. 1-13344
- Pankert, R.** see Lugscheider, E. 1-12723
- Pankey, T., Jr.** Anomalous beta decay in Type-I supernovae 1-27547
- Pankhurst, R.J.** Radiometric dating in geology 1-27739
- Pankin, G.N.** see Esin, V.O. 1-25599
- Pan'ko, G.F.** see Dobrikov, A.A. 1-20214
- Pan'ko, I.N., Yakovchik, V.A.** Determining the stress intensity coefficient for the force system in bending of a beam sample with a surface crack 1-1895
- Pankonin, V.** see Genzel, R. 1-9597
- Pankov, E.D.** see Koyakhin, I.A. 1-11063, 1-24476
- Pankov, E.D.** see Korotayev, V.V. 1-254
- Pankov, J.I.** see Nusec, C.J. 1-26278
- Pankov, V.L.** see Babenko, V.P. 1-16991
- Pankova, N.A.** Formation of bubbles in convective currents of glass 1-15481
- Pankova, N.A.** see Savina, I.M. 1-9985
- Pankove, J.I.** The anomalous photovoltaic effect 1-7661
- Pankove, J.I., Berkeyheiser, J.E.** Light-induced radiative recombination centers in hydrogenated amorphous silicon 1-26251
- Pankove, J.I., Carlson, D.E.** Electrical and optical properties of hydrogenated amorphous silicon 1-38816
- Pankove, J.I.** see Staebler, D.L. 1-16310
- Pankove, J.I. (editor)** Display devices 1-22962
- Pankow, D.H., Finnie, I.** Fundamental approaches to the statistical fracture analysis of brittle solids 1-43524
- Pankratov, I.M.** see Klima, R. 1-29876
- Pankratov, O.A.** see Volkov, B.A. 1-34723
- Pankratov, S.P.** see Abrosimova, G.E. 1-11690, 1-47008
- Pankratov, V.I.** see Murugov, V.M. 1-46924
- Pankratova, N.F.** see Morozova, A.N. 1-20073
- Panman, J.** see Diddens, A.N. 1-17477, 1-23998
- Panman, J.** see Jonker, M. 1-10194, 1-14432, 1-45258
- Pannetier, B., Maneval, J.P.** Phonon emission from a photoexcited superconducting domain 1-15987
- Pannetier, B., Maneval, J.P.** Measurement of phonon lifetimes in bulk superconducting tin 1-42901
- Pannetier, J.** Order-disorder and the theory of ionic lattices 1-38323
- Pannetier, J., Deneq, G.** Tin(II) oxide: structure refinement and thermal expansion 1-15868
- Pannetier, J.** see Faucher, M. 1-30161
- Pannetier, J.** see Nouet, J. 1-34297
- Pannetier, R.** see Philippot, J.C. 1-31962
- Pannunzio, R.** Parallax, proper motion, mass-ratio of stein 2051 obtained with the astrometric reflector of the Observatory of Torino 1-9579
- Panock, R., Rosenbluh, M., Lax, B., Miller, T.A.** Effects of intense magnetic and motional Stark fields on state mixing and transition line shapes 1-1180
- Panock, R., Rosenbluh, M., Lax, B., Miller, T.A.** Laser magnetic resonance spectroscopy of normally forbidden transitions: electrostatic fine structure of the $n=9$, $L=1-8^{\circ}$ He singlet states 1-1181
- Panock, R.** see Freeman, R.R. 1-6210
- Panock, R.** see Rosenbluh, M. 1-41335
- Panoff, R.M.** see Clark, J.W. 1-2748
- Panofsky, H.A.** see Schotz, S. 1-27220
- Panos, C.N.** see Anagnostatos, G.S. 1-28395
- Panov, A.A.** see Varidov, V.N. 1-15713
- Panov, A.A.** see Vertikov, V.P. 1-12455
- Panov, A.F.** see Brytov, I.A. 1-18346
- Panov, A.S.** see Nikol'skii, V.A. 1-23766
- Panov, M.N.** see Afrosimov, V.V. 1-29109
- Panov, V.F.** Cylindrical gravitational wave in Melvin universe 1-18110
- Panov, V.F.** Stationary Maxwell-Einstein fields 1-44808
- Panov, V.I.** see Bogoslovskii, G.Yu. 1-27775
- Panov, V.I.** see Braginskii, V.B. 1-52321
- Panov, V.N.** see Mazets, E.P. 1-9731
- Panov, Y.N., Bolotnikova, L.S., Mirkamilov, S.M., Frenkel, S.Y.** On the rheological similarity of physical networks of various origin 1-41995
- Panova, A.N.** see Dianov, E.M. 1-35006
- Panova, G.Kh., Chernoplekov, N.A., Shikov, A.A., Khlopkin, M.N., Zhernov, A.P.** Effect of impurity Al atoms on the electric resistance of V_2Ge 1-12093
- Panova, G.Kh.** see Savitskii, E.M. 1-47777
- Panova, L.M.** see Zheltoz, G.I. 1-6507
- Panovko, V.M.** see Liberman, B.D. 1-46956
- Panqueva, J., Hellmeister, H.P., Bergmeister, F.J., Lieb, K.P.** Evidence of boson cut-off in the aligned $g_{9/2}$ band in ^{79}Rb 1-28370
- Panse, S.** An engine for direct conversion of concentration difference energy into mechanical work 1-21927
- Pan'shin, I.F.** see Gurevich, Yu.G. 1-12739
- Pant, H.C., Sharma, S., Bhawalkar, D.D.** Effect of laser spot size on energy balance in laser induced plasmas 1-42176
- Pant, H.C., Sharma, S., Nathan, T.P.S., Desai, T.** Optical energy balance in laser-produced plasmas 1-2212
- Pant, P., Grewe, H.** Powder metallurgical production of the precipitation hardening stainless steels X7CrNiAl177 via mechanical alloying 1-21389
- Pant, P., Mahra, H.S.** Phase variations of GBR 16 kHz VLF signals as received at Naini Tal 1-22609
- Pantaleo, A.** see De Leo, R. 1-14520
- Pantaleo, A.** see D'Erasmo, G. 1-45511
- Pantani, L.** see Stefanutti, L. 1-4618
- Pantano, C.G.** see Shelby, J.E. 1-12909
- Pantano, C.G.** Jr. see Onuchi, F. 1-21302
- Pantano, P.** see Brugarino, T. 1-32856
- Pantchev, B.G.** see Kirov, K.I. 1-3638
- Pantel, R.** see Glaude, V.M.M. 1-34083
- Pantelev, G.V.** see Basov, N.G. 1-24389
- Pantelev, G.V.** see Egorov, V.N. 1-41896
- Pantelev, I.N.** see Zolotukhin, I.V. 1-42878
- Pantelev, L.D., Deripasko, V.T.** X-ray diffraction method of estimating the concentration of dislocation loops in heavily irradiated materials 1-2519
- Pantelev, V.A.** see Murav'ev, V.A. 1-2706
- Panteleva, G.V.** see Golikova, O.A. 1-30751
- Panteleyev, V.N.** see Alkhaizov, G.D. 1-45464
- Pantelides, S.T., Bernholz, J., Lipari, N.O.** Theory of deep impurities and defects in semiconductors 1-47541
- Pantelides, S.T., Grimmeiss, H.G.** Final-state effects in the excitation spectra of deep impurities in semiconductors 1-2920
- Panteliou, S., Dimarogonas, A.** Heat propagation due to torsional vibration of shafts 1-29604
- Pantell, R.H.** Energy and momentum conservation requirements for electron interactions with electromagnetic radiation 1-10898
- Pantell, R.H., Kimura, W.D., Edighoffer, J.A., Piestrup, M.A.** Energy exchange between free electrons and an electromagnetic field 1-10899
- Pantell, R.H.** see Sheppard, J.C. 1-41269
- Panter, C.H.** Electrical conduction in quartz powder 1-30474
- Pantis, G., Fiedelger, H., Sprung, D.W.L.** The charge form factor of the model triton for two-particle interaction with continuum bound states 1-50494
- Pantoja, J.** see Aarons, J. 1-27338
- Pantos, E.** see Philis, J. 1-41388, 1-41392
- Panus, V.R.** see Apykhtin, N.N. 1-43331
- Panvini, R.** see Haber, B. 1-14433
- Panvini, R.S.** see Bebek, C. 1-33191
- Panvini, R.S.** see Chadwick, K. 1-33192
- Panwar, O.S.** see Singh, S. 1-52603
- Panyakevov, S.** see Kim, G.I. 1-4193
- Panyushkin, V.A.** see Balestra, F. 1-28504
- Panyuta, I.N.** see Afraymovich, E.L. 1-4630
- Panyutin, V.L., Ponedel'nikov, B.E., Rozenson, A.E., Chizhikov, V.I.** Band gap of GaP-InP-GaAs-InAs solid solutions 1-20630
- Panyutin, V.L., Ponedel'nikov, B.E., Rozenson, A.E., Chizhikov, V.I.** Energy band structure for $HgAl_2S_4$ 1-20632
- Panza, G.F.** see Calcagnie, G. 1-4458
- Panza, G.F.** see Porter, L.D. 1-32367
- Panzarella, A.** see Compagno, G. 1-19305
- Panzer, S.** see Schiller, S. 1-20269
- Pao, C.V.** Nonexistence of global solutions for an integrodifferential system in reactor dynamics 1-14579
- Pao, P.S.** see Lederich, R.J. 1-8473
- Pao, R.C.** see Lin, C.C. 1-18797
- Pao, Y.C., Nagendra, G.K., Padiyar, R., Ritman, E.L.** Derivation of myocardial fiber stiffness equation based on theory of laminated composite 1-22049
- Pao, Y.H.** see Einhorn, A.J. 1-8097
- Pao Liu Ken** see Liu Ken Pao
- Pao Liu Yen** see Sun Xi-pen 1-10349
- Paola, A.** Di see Di Paola, A.
- Paoletti, A.** see Antonini, B. 1-48122
- Paoletti, P.** The formation of metal complexes: the known and the unknown 1-12964
- Paoletti Perini, R.** Color discrimination from the ergo-ophthalmological stand point. A preliminary report 1-48994
- Paoli, D.** see Chabanel, M. 1-31847
- Paoli, T.L.** Statistical characterization of the self-induced intensity modulation exhibited by AlGaAs junction lasers with proton stripes 1-6588
- Paoli, T.L.** Electrical interactions of a superlinear laser diode with its external circuit 1-19335
- Paolicchi, P.** see Antonello, E. 1-17867
- Paoloni, F.J.** Propagation and reflection of slow plasma waves with a periodic metal boundary 1-29862
- Paoloni, F.J.** see Motley, R.W. 1-11542
- Paoloni, L.** Electron pairing and the structure of the periodic system: an even/odd separation 1-28843
- Paolucci, S.** see Leibovich, S. 1-49282
- Paoluzi, L.** see Esposito, B. 1-36688
- Papa, C.** see Lattanzi, D. 1-28732
- Papa, C.** del see Del Papa, C.
- Papa, C.** del see Del Papa, C.
- Papa, G.** see Chelli, L. 1-28676
- Papa, T.** see Bertolotti, M. 1-46335
- Papa Modi Ndyai** see Shklyarevskii, I.N. 1-43200
- Papacostasopoulos, D.A.** Platinum hydride: a possible high temperature superconductor 1-7511
- Papacostasopoulos, D.A., Economou, E.N.** Slater-Koster parametrization for Si and the ideal-vacancy calculation 1-12024
- Papacostasopoulos, D.A.** see Klein, B.M. 1-2856
- Papadakis, E.P.** Broadband flaw detection transducers: application to acoustic emission pulse shape and spectrum recording based on pulse echo response spectrum corrected for beam spreading 1-29498
- Papadakis, J.S.** see Lee, D. 1-11235
- Papadimitrak-Chlichia, H.** see Chadivasiliou, S. 1-30717
- Papadimitriou, L., Economou, N.A., Trivich, D.** Heterojunction solar cells in cuprous oxide 1-43771
- Papadimitropoulos, D.** see Papastakoudis, C. 1-7592
- Papadopoulos, D., Witten, L.** Covariant boundary conditions in gravitational radiation theory: a new covariant definition of spatially asymptotically flat space-times 1-44811
- Papadopoulos, G.A.** see Theocaris, P.S. 1-37842
- Papadopoulos, G.J.** see Hadjiagapiou, I.A. 1-10879
- Papadopoulos, K.** Current understanding of the physics of type III solar radio bursts 1-4886
- Papadopoulos, K., Gaffey, J.D., Jr., Palmadesso, P.J.** Stochastic acceleration of large M/Q ions by hydrogen cyclotron waves in the magnetosphere 1-36114
- Papadopoulos, K.** see Freund, H.P. 1-2179
- Papadopoulos, K.** see Rowland, H.L. 1-38106
- Papadopoulos, K.** see Scott, J.S. 1-9644
- Papadopoulos, M.** see Gerratt, J. 1-33534
- Papadopoulos, N.A.** see Manesis, E.K. 1-10141
- Papadopoulos, N.A.** see Contogouris, A. 1-52469
- Papadopoulos, S.C.** see Prasad, R. 1-50468
- Papadopolou, T.** see Chabaud, V. 1-10392
- Papadopolou, T.** see Gorlich, L. 1-5656
- Papadarakis, M.** A numerical study of the solution of the partial eigenvalue problem 1-37832

- Papaeftymiou, G.C.** see Niculescu, V.B. 1-52537
- Papagno, L.**, Scarmozzino, R. High intensity laser effects on stainless steel in a vacuum 1-35132
- Papakin, V.F.** see Tymyanski, Ya.R. 1-6551
- Papalia, B.** see Minelli, M.R. 1-36985
- Papaliozou, J.**, Pringle, J.E. On the motion of the apsidal line in interacting binary systems 1-13812
- Papaloucas, L.C.** Uncertainty relations and semi-groups in β -algebras 1-98
- Papaloucas, L.C.** see Jannussis, A.D. 1-468, 1-23041, 1-27808
- Papanastassiou, D.A.** see Niederer, F.R. 1-13739
- Papanastassiou, D.A.** see Russell, W.A. 1-54404
- Papanek, J.**, Strba, A. Temperature dependence of transient self-focusing in the isotropic phase of MBBA 1-19391
- Papanicolaou, G.C.** see Kesten, H. 1-27871
- Papanicolaou, N.** see Molodnov, L.D. 1-49960
- Papanicolas, C.N.**, Heisenberg, J., Lichtenstadt, J., McCarthy, J.S. High multipolarity electroexcitations in ^{207}Pb and ^{209}Pb 1-50547
- Papanicolas, C.N.** see Goutte, D. 1-14443
- Papanyan, V.O.** see Grigoryan, Yu.I. 1-38082
- Papas, C.H.** see Crosignani, B. 1-11038, 1-41859
- Papas, C.H.** see Franceschetti, G. 1-1467
- Papastakoudis, C.**, Papadimitropoulos, D., Roco-ryllou, E. Low-field Hall coefficient R_H of dilute Al-3d alloys at 4.2K 1-7592
- Papastamatiou, D.** Incorporation of crustal deformation to seismic hazard analysis 1-32363
- Papastavidis, J.G.**, Lianis, G. On the gravitational wave induced oscillations of viscoelastic bodies 1-37829
- Papathanassopoulos, K.**, Rocofyllou, E. Magnetoresistance measurements in Al-Ge alloys after neutron irradiation at 4.6K 1-47614
- Papathodorou, G.N.**, Berg, R.W. Laser-induced fluorescence of high-temperature vapor complexes of ErCl_3 with AlCl_3 , GaCl_3 and InCl_3 1-14950
- Papathodorou, G.N.** see Johnson, G.K. 1-13034
- Papatheou, V.** see Jannussis, A. 1-9870, 1-49971
- Papatsenko, A.H.** see Matveenko, L.I. 1-17893
- Papavassiliou, G.C.**, Jacobsen, C.S. Electronic spectra and resonance Raman excitation profiles of $\text{M}(\text{L-L})_2\text{M}(\text{L-L})_2\text{X}_2(\text{ClO}_4)_4$: bulk and small particles 1-52949
- Papayan, G.V.** see Bogomolov, V.N. 1-26265
- Papayannopoulos, Th.** see Contopoulos, G. 1-27566
- Papazachos, B.C.** see Comninakis, P.E. 1-49229
- Papazov, G.**, Rogatchev, T., Pavlov, D., Garche, J., Wiesner, K. Influence of the lead dioxide active mass on the corrosion rate of the spines of positive lead-acid battery plates 1-53575
- Papazov, G.** see Pavlov, D. 1-21870
- Pape, K.H.** see Berger, C. 1-5636, 1-10209
- Pape, K.H.** see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Pape, L.** Measurement of the ratio of neutral to charged current cross sections of neutrino interactions in hydrogen 1-10191
- Pape, L.** see Allen, P. 1-14367, 1-36856, 1-36857
- Pape, L.** see Blitschau, J. 1-10190
- Pape, L.** see Deden, H. 1-28311
- Pape, L.** see Fritze, P. 1-14431
- Pape, L.** see Grassler, H. 1-50414
- Pape, R.** De see De Pape, R.
- Papela, B.** see Petru, F. 1-40842
- Papernyi, S.B.** see Krylov, V.N. 1-24458
- Papezik, V.S.**, Hodych, J.P. Early Mesozoic diagenesis of the Avalon Peninsula, Newfoundland: petrochemistry, mineralogy, and origin 1-54081
- Papiernik, A.** see Jocko, B. 1-1465
- Papierowska, D.** see Muszynska, J. 1-18994
- Papiez, L.** see Kluk, E. 1-44839
- Papin, G.** see Christmann, M. 1-25403
- Papineau, N.** see Camu-Peyret, C. 1-24129
- Papini, G.** see Gregorash, D. 1-52390
- Papirov, I.I.** see Kornienko, L.A. 1-16839
- Papirov, I.I.** see Shokurov, V.S. 1-3826, 1-43422
- Papitashvili, N.Ye.** see Rotanov, N.M. 1-22201
- Papkov, V.S.** see Malyukov, B.A. 1-2841
- Papkov, V.S.** see Parov, V.F. 1-30112
- Papkovich, V.G.**, Khizhnyak, N.A., Zagorodnov, O.G., Mazalov, Yu.P. Optimized accelerating structure of an electron linear accelerator with an artificially anisotropic dielectric 1-51001
- Papoular, M.** see Greenberg, A.S. 1-2766
- Papoular, M.** see Hebral, B. 1-34541
- Papousek, D.** see Belov, S.P. 1-37205
- Papousek, W.** Surface admittance tensor of electromagnetic fields at the surface of a magneto-plasma 1-29879
- Papoyan, A.A.**, Aladzhadzhan, G.M., Bezirganyan, P.A. An experimental investigation of X-ray diffraction by a uniformly bent crystal in the Bragg case 1-7046
- Papoyan, A.A.** see Bezirganyan, P.H. 1-38203
- Papoyan, V.V.** see Arutyunyan, G.G. 1-9552
- Papp, K.**, Kovacs-Csetenyi, E. Diffusion of hydrogen in high purity aluminium 1-52361
- Papp, M.** see Illenyi, A. 1-37744
- Papp, R.** see Patrashakorn, S. 1-5979
- Papp, T.** see Nilsson, B. 1-809
- Papp, Z.** A three-dimensional model of the seismicity in the Banda Sea region 1-32382
- Pappalardo, G.** see Cunsolo, A. 1-50517
- Pappalardo, G.C.** see Galasso, V. 1-51117
- Pappalardo, L.**, Rapisarda, V.A. A luminal channel for atomic-cascade dislocations 1-6409
- Pappalardo, M.** Stiffness-controlled variable-acoustic-delay line 1-37731
- Pappalardo, G.C.** see Brunvill, J. 1-1403
- Pappas, M.** see Chu, K.K.-T. 1-15432
- Paprocki, K.** see Jalochowski, M. 1-7194
- Papuchon, M.** see Schnapper, A. 1-46593
- Papushay, P.G.** Comments on the mechanism for the spicule support 1-36250
- Papuzza, C.** Liquid phase epitaxial growth of In-Ga-P-As in a vertical furnace 1-35195
- Paquer, D.** see Strobel, M.P. 1-51230
- Paquet, D.**, Leroux-Hugon, P. Electron correlations and electron-lattice interactions in the metal-insulator, ferroelastic transition in VO_2 : a thermodynamical study 1-30633
- Paquet, P.**, Devis, C. Reasons and possibilities for an extended use of the transit system 1-44091
- Paquin, C.** see Foidevaux, C. 1-27116
- Parabina, G.L.**, Kirillova, O.M., Palamarchuk, A.F., Zubkova, V.T. Effect of oxygen and microporosity on some properties of a sintered high-speed steel 1-53141
- Paraboni, A.** see Attisani, A. 1-22377
- Paradijs, J.** van see van Paradijs, J.
- Paradijs, J.** van see van Paradijs, J.
- Paradis, E.L.** Fabrication of thin wall cylindrical shells by sputtering 1-12654
- Paradis, P.** see Lecomte, R. 1-5687, 1-18566
- Paradiso, F.M.** see Rao, A.S. 1-45678
- Parail, V.V.**, Pogutse, O.P. Electronic heat conduction in Tokamak 1-2160
- Parain, J.** see Aymar, R. 1-46909
- Parak, F.** see Afanas'ev, A.M. 1-34961
- Parasivian, K.R.**, Radhakrishnan, M., Balasubramanian, C. Dielectric properties of terbium fluoride thin film capacitors 1-39037
- Parameswaran, K.**, Krishna Murthy, B.V. Diurnal variation of h_{m3000} estimated from absorption measurements 1-54310
- Parameswaran, V.R.**, Bapna, M.S. Elastic interaction of (111) defects and extended screw dislocation in anisotropic FCC crystals 1-2497
- Paramguru, R.** see Maiti, M. 1-37846
- Paramonov, P.M.** see Andreev, P.A. 1-28568
- Paramonov, V.V.** see Groznov, V.N. 1-10613
- Paranthoen, P.**, Lecordier, J.C., Petit, C. Comparison of methods of determining response times of a wire using temperature sensors 1-36659
- Paranthoen, P.** see Lecordier, J.C. 1-262
- Parashin, V.B.** see Egorov, T.L. 1-40025
- Paraskevopoulos, D.** see Meservey, R. 1-3075
- Parasnis, D.S.** see Enmark, T. 1-22182
- Parasnis, S.S.**, Krishna, K., Mohan, B. Temperature stratification of the atmospheric boundary layer over the Deccan Plateau, India, during the summer monsoon 1-27221
- Parasuraman, R.**, Beatty, J. Brain events underlying detection and recognition of weak sensory signals 1-49016
- Parazzoli, C.G.**, Korechhoff, R.P. Numerical calculation of the evolution on the electron distribution function in the free-electron laser 1-10966
- Parbuzina, I.L.** see Ryabokobylko, Yu.S. 1-6284
- Parce, J.W.** see Smith, L.M. 1-32186
- Pardavi-Horvath, M.** see Fellegvari, I. 1-7904
- Pardee, W.J.**, Paton, N.E. Model of sustained load cracking by hydride growth in Ti alloys 1-8428
- Pardee, W.J.**, Robertson, W.M., James, M.R. Tin segregation at iron grain boundaries measured by EXAFS 1-43346
- Pardo, D.** see Jaraiz, M. 1-16340
- Pardo, G.** see Gonzalez-Caballero, F. 1-35575
- Pardo, M.-P.**, Flahaut, J. System $\text{Ga}_2\text{Se}_3\text{-FeSe}$. Crystallographic study of phase diagram 1-3708
- Paredes, C.H.**, Landolt, R.R., Kessler, W.V., Shoemaker, R.L. A comparison of proportional and Cerenkov counting for sulfur tablet neutron dosimeters 1-6111
- Pareja, R.** Dislocation networks in (001) twist grain boundaries in thin-film bicrystals of silver 1-25278
- Pareja, R.** Gas bubbles generated by thermal aging in thin film bicrystals of silver. I. Observations and quantitative analysis 1-38692
- Pareja, R.** Gas bubbles generated by thermal aging in thin film bicrystals of silver. II. Nucleation and growth mechanism 1-38693
- Parel, J.-M.**, Crook, G.W., Peric, L.J. The optics of the ophthalmoscope and related instruments 1-22105
- Parellada, J.**, Polcari, M.R., Burin, K., Rothberg, G.M. Electrostatic cylindrical mirror spectrometer for conversion electron Mossbauer spectroscopy 1-37052
- Parellada, J.** see Salvat, F. 1-33241
- Parent, C.**, Fouassier, C., Le Flem, G. Optical properties of $\text{Na}_2\text{La}_{1-x}\text{Nd}_x(\text{PO}_4)_2$ and $\text{Na}_2\text{La}_{1-x}\text{Nd}_x(\text{VO}_4)_2$ 1-16595
- Parent, C.**, Salmon, R., Demazeau, G., Le Flem, G. Sodium rare earth orthoarsenates [Crystallographic study] 1-34323
- Parent, C.** see Vlasse, M. 1-25239
- Parente, F.**, Jakobsen, P. The diffuse UV background 1-13887
- Parente, F.**, McKee, C.F., Bowyer, S. Galactic and extragalactic contributions to the far-ultraviolet background 1-9738
- Parente, F.** see Bowyer, S. 1-44308
- Pareti, L.** see Bolzoni, F. 1-16438
- Parette, G.** see Babic, B. 1-30981
- Parette, G.** see Kajzar, F. 1-25933
- Paretzke, H.G.** Track structure calculations and their accuracy 1-47122
- Paretzke, H.G.** see Wilson, W.E. 1-20277
- Parfee, V.M.** see Oldyrev, P.P. 1-16994
- Parfenov, R.V.** see Sologub, V.V. 1-34625
- Parfenov, A.V.** see Kompanets, I.N. 1-51607, 1-51608
- Parfenov, L.M.**, Karsakov, L.P., Natal'in, B.A., Poko, V.A., Poko, L.I. Ancient silic blocks in the folded structures of the Far East 1-22294
- Parfenov, V.A.**, Rachinskas, V.S. Structure of deposits and galvanised coatings produced from cobalt plating electrolyte and electrolytes containing Na_2WO_4 , MnSO_4 , $\text{NH}_4\text{H}_2\text{PO}_4$, NaVO_3 . II. Electrolyte containing Na_2WO_4 1-12929
- Parfenov, Yu.V.** see Kirillov, V.I. 1-18462
- Parfenova, N.I.** see Polyakova, V.P. 1-48368
- Parfenova, V.P.** see Erzikyan, A.L. 1-23560
- Parfen'ev, N.A.** see Ekonomov, A.P. 1-9400
- Parfen'ev, N.A.** see Moroz, V.I. 1-9401
- Parfianovich, I.A.**, Khulugurov, V.M., Lobanov, B.D., Maksimova, N.T. Luminescence and stimulated emission of color centers in LiF 1-12542
- Parfianovich, I.A.**, Mestik, V.M., Sobolev, L.M., Penzina, E.E. Laser-frequency up-conversion in additively colored KCl crystals 1-37554
- Parfianovich, I.A.**, Penzina, E.E., Sobolev, L.M., Mestik, V.M., Bryukvin, V.V. Photoluminescence and optical absorption of color centers in KBr-Eu and KBr-Ba crystals 1-3474
- Parfianovich, I.A.**, see Salomaton, V.N. 1-47083
- Parfitt, G.D.**, Tidswell, M.W. Structuring phenomena at the n-alkane/Graphon interface 1-47372
- Parfjanowicz, G.** see Patorski, K. 1-51365
- Parga, N.**, Van Himbergen, J.E. Critical behavior of the double layer classical XY-model 1-3207
- Parham, A.G.** see Bell, K.W. 1-6101, 1-37063
- Paribelli, S.** see Lattanzi, D. 1-28732
- Parida, B.K.** see Misra, S.P. 1-10267, 1-45232
- Parihar, R.S.** see Shukla, J.B. 1-32157
- Pariskii, Yu.N.** see Berlin, A.B. 1-17898
- Parikh, J.A.**, Ball, J.T. Analysis of cloud type and cloud amount during GATE from SMS infrared data 1-13550
- Parilis, E.S.**, Verleger, V.K. Energy spectra and charge states of light atoms scattered by solid surface 1-26328
- Parilis, E.S.** see Kitov, V.Yu. 1-3561
- Parilis, E.S.** see Nizhnaya, S.L. 1-31254
- Paripiski, A.V.** see Fedosov, V.N. 1-21151
- Paris, J.M.** see Durand, B. 1-38950
- Paris, J.P.** see Prinzhofer, A. 1-32413
- Paris, P.** see Liang, C.F. 1-18598
- Paris, S.W.** see James, W.D. 1-46728
- Parish, J.L.**, Goertz, C.K., Thomsen, M.F. Azimuthal magnetic field at Jupiter 1-9411
- Parisi, G.** Field-theoretic approach to second-order phase transitions in two- and three-dimensional systems 1-9958
- Parisi, G.** Mean field theory for spin glasses 1-30962
- Parisi, G.** Some remarks on the electronic states in disordered materials 1-47569
- Parisi, J.**, Buck, W., Muhlemeister, B., Huebner, R.P. Temporal structure of the flux-voltage in the current-induced dissipative state of a thin-film superconductor 1-3117
- Parisi, J.** see Carimalo, C. 1-28354
- Parisot, G.** see Bartholin, H. 1-7138
- Paritskaya, L.N.** see Garbovitskaya, T.G. 1-1918
- Paritsky, N.N.** The study of Earth tides 1-13379
- Park, C.**, Rakich, J.V. Equivalent-cone calculation of nitric oxide production rate during space shuttle re-entry 1-17330
- Park, E.S.** see Dunn, B. 1-48818
- Park, E.S.**, Jr. see Messina, A.D. 1-33884
- Park, G.**, Becker, M., Lahay, T., Jr. The effect of radial nonuniformity on BWR stability margins 1-50743
- Park, G.** see Araki, H. 1-15958
- Park, H.** see Dimmey, L.J. 1-48182
- Park, H.** see Zalph, B.L. 1-38778
- Park, H.K.** see Liu Bai-chen 1-48617
- Park, H.L.**, Chess, C.A., White, W.B. Vibrational spectra of ternary rare earth sulfides with CaFe_2O_7 , Yb_2S_3 , MnY_2S_4 and ZnGa_2S_4 type structures 1-26218
- Park, J.** see Ushida, N. 1-546

- Park, J.B., Salman, N.N., Kenner, G.H., von Recum, A.F. Preliminary studies on the effects of direct current on the bone/porous implant interfaces 1-32105
- Park, J.B., see Salman, N.N. 1-32309
- Park, J.G., Vaidya, A. Resistive SQUIDs for thermal measurements 1-50132
- Park, J.G., Vaidya, A.W. Resistive SQUID calorimetry at low temperatures 1-264
- Park, J.K. A soil moisture reflectance model in visible and near IR bands 1-9191
- Park, J.K., Becker, M. Development of point kinetics parameters from nodal power distributions 1-50733
- Park, J.M., Reddick, A.H. An EPR study of triplet excitons in crystalline anthracene-tetracyanobenzene: exciton dynamics, long-range order parameter, and critical exponent 1-47927
- Park, J.M., see Dalal, N.S. 1-2615
- Park, J.T., see Aldag, J.E. 1-46103
- Park, J.W., Chen, H. An infrared study of crystallization in sodium-disilicate glasses containing iron oxides 1-2336
- Park, J.Y., see Grube, G.J. 1-27729
- Park, K.C., see Felippa, C.A. 1-9824
- Park, K.O., Sivertsen, J.M. Infrared absorption and OH⁻ ions in annealed BaO crystals 1-3443
- Park, K.Y., see Crosser, O.K. 1-29515
- Park, S.Y., see O'Rourke, L. 1-33116
- Park, W., Monticello, D.A., White, R.B., Jardin, S.C. Non-linear saturation of the internal kink mode 1-6959
- Park, Y.K., see Fedotowsky, A. 1-38852
- Park, Y.K., see Giuliani, G. 1-11074
- Park, Y.S., see Choe, B.D. 1-7202
- Park, Y.S., see Pedrotti, F.L. 1-38394
- Park, Y.S., see Yeo, Y.K. 1-38395
- Park, Y.W., Shimotake, H. Development of a tubular lithium-iron sulfide cell 1-48823
- Park Han Kyu, see Kim Eun Soo 1-29279
- Park Mann Sang, see Mann Sang Park
- Park No-Kwang, see No-Kwang Park
- Park Soo Hyun, see Soo Hyun Park
- Park Soon-ung, see Soon-ung Park
- Park Yong Moon, see Yong Moon Park
- Parkanskii, N.Ya., Rishin, V.V. Powder material-substrate bonding strength using electric-spark coating technique 1-48567
- Parkanskii, N.Ya., see Ignat'kov, D.A. 1-43591
- Parkanyi, C., see Vernin, G. 1-10672
- Parkash, A., see Mansingh, A. 1-40813
- Parkash, O., see Rajput, B.S. 1-45162
- Parkash, S. Determining surface area 1-14095
- Park, A.W., Srivastava, G.P. The electronic band structure of SnS 1-16229
- Park, A.W., see McKinley, A. 1-8456, 1-34593
- Park, S. Absence of particle production and factorization of the S-matrix in 1+1 dimensional models 1-10096
- Parker, A.R., see Mackley, M.R. 1-12803
- Parker, B., see Lindgren, R.A. 1-50589
- Parker, B.A. Strain rate sensitivity and the plasticity of aluminium alloys 1-21559
- Parker, B.A., see Yellup, J.M. 1-43381
- Parker, B.F. Derivation of efficiency and loss factors for solar air heaters 1-53658
- Parker, B.R., McLeod, R.J. Black hole thermodynamics in an undergravity thermodynamics course 1-27706
- Parker, D.J., see Asher, J. 1-25311
- Parker, D.J., see Conlon, T.W. 1-26789
- Parker, D.L., see Biswas, N.N. 1-18515
- Parker, D.L., see Smith, V. 1-22125
- Parker, E.H.C., see Meggitt, B.T. 1-3081
- Parker, G.A., Light, J.C. Laser-induced collisional energy transfer 1-37306
- Parker, G.D. Microstructure of the interplanetary magnetic field near 4 and 5 AU 1-4734
- Parker, G.D. Propagation directions of hydromagnetic waves in interplanetary space: Pioneer 10 and 11 1-4735
- Parker, G.H., see Summers, W.A. 1-53699
- Parker, J.A. Background subtraction using flood field count ratios to normalize different regions of interest 1-26985
- Parker, J.D., Tipton, J.A. Economic considerations of solar energy 1-21858
- Parker, J.D., see Coleman, M.C. 1-35343
- Parker, J.D., see Ghajar, A.J. 1-29799
- Parker, J.D., see Henderson, J.B. 1-39824
- Parker, J.S., see Delori, F.C. 1-35869
- Parker, J.W., Anderson, L.W., Fitzsimmons, W.A., Chun C.L. Measurement of the collisional de-excitation rate coefficient of He₂(d³Σ_g⁺) with He(1S) 1-39632
- Parker, J.W., Anderson, L.W., Fitzsimmons, W.A., Lin, C.C. He₂(d³Σ_g⁺) decay rate in a high-pressure helium afterglow 1-29089
- Parker, K.H., see De Bernardinis, B. 1-46756
- Parker, K.J., see Greenwald, R.C. 1-13302
- Parker, K.R., see De Roach, J. 1-36873
- Parker, L. One-electron atom as a probe of space-time curvature 1-9913
- Parker, L.W., see Ahlani, A.S. 1-52533
- Parker, M.K., McNutt, M.K. Statistics for the one-norm misfit measure 1-13598
- Parker, N.S., see Fisher, L.R. 1-32958
- Parker, P.D., see Hindi, M.M. 1-36913
- Parker, P.M., see Niroomand-Rad, A. 1-41362
- Parker, R.A.R., see Blair, W.P. 1-40539
- Parker, R.K., see Bettis, J.R. 1-23879
- Parker, R.L. The inverse problem of electromagnetic induction: existence and construction of solutions based on incomplete data 1-13392
- Parker, R.L., see Henry, M. 1-44317
- Parker, R.P., see Flower, M.A. 1-40005
- Parker, R.S., see Reuveni, A. 1-39008
- Parker, T.J., Birch, J.R., Mok, C.L. A critical point analysis of multi-phonon structure in the far infrared dielectric response of CdTe 1-31156
- Parker, T.J., see Beunen, J.A. 1-50242
- Parker, W.C., Perez-Alarcon, J.J., Sajo-Bohus, L., La Breque, J.J., Collins, K.E. Implantation of radioactive ions by means of a direct current sputtering technique 1-21348
- Parker, W.C., Perez-Alarcon, J.J., Sajo-Bohus, L., La Breque, J.J., Collins, K.E. A single stage ion accelerator for ion implantation studies in the region 0-60 kV 1-21752
- Parker, W.C., see Sajo-Bohus, L. 1-18974
- Parkes, D.A. The ultraviolet absorption spectra of the acetyl radical and the kinetics of the CH₃+CO reaction at room temperature 1-41391
- Parkes, M.E., O'Callaghan, J.R. Modeling soil water changes in a well-structured, freely draining soil 1-36013
- Parkes, M.E., Waters, P.A. Comparison of measured and estimated unsaturated hydraulic conductivity 1-36012
- Parkey, R.W., see Lewis, M.H. 1-22122
- Parkhaev, B.V., see Min'kov, D.B. 1-12699
- Parkhomenko, E.I., Lastovickova, M. The effect of chemical and mineral composition on the electrical resistance of basalts and eclogites 1-22331
- Parkhomenko, T.A., Fomenko, V.S. On manifestation of inertial effects of low-temperature dislocation movement in temperature dependence of the critical resolved shear stress 1-48428
- Parkhomenko, T.A., Pustovalov, V.V., Eremin, V.I. Investigation of the parameters of low-temperature slip in silver single crystals 1-2458
- Parkhomenko, Yu.N., see Vorontsov, V.I. 1-1600
- Parkin, D.M., see Coulter, C.A. 1-20284
- Parkin, D.W., Sullivan, R.A.L., Andrews, J.N. Further studies on cosmic spherules from deep-sea sediments 1-4822
- Parkin, S.S.P., Beal, A.R. 3d transition metal intercalates of the niobium and tantalum dichalcogenides. III. Optical properties 1-21226
- Parkins, R.N. Environment sensitive fracture - controlling parameters 1-31770
- Parkins, R.N., see Holroyd, N.J.H. 1-31716
- Parkins, R.N., see Zakrocmski, T. 1-31778
- Parkinson, B.A., see Decker, F. 1-32019
- Parkinson, B.A., see Furtak, T.E. 1-43757
- Parkinson, G.M., see Gramaccioli, C.M. 1-47072
- Parkinson, J.B., see Aghahosseini, H. 1-47891
- Parkinson, J.H., Morrison, L.V., Stephenson, F.R. The constancy of the solar diameter over the past 2500 years 1-27456
- Parkinson, J.L., see Lang, D.D. 1-921
- Parkinson, T.F., see Gho, C.J. 1-18640
- Parkinson, W.H., see Cardon, B.L. 1-28921
- Parkinson, W.H., see Kohl, J.L. 1-22753
- Parkinson, W.H., see Smith, P.L. 1-50235
- Parkinson, C.D., see Scarpetti, R.D. 1-23878
- Parkos, G.R., see Congdon, S.P. 1-45712
- Parks, A.D., see Clark, R.E.H. 1-49502
- Parks, C.V., Maudlin, P.J., Weber, C.F. Application of differential sensitivity theory to transients with scram 1-45695
- Parks, C.V., see Maudlin, P.J. 1-5967
- Parks, C.V., see Weber, C.F. 1-10455
- Parks, D.E., see Katz, I. 1-34140
- Parks, D.L., see Galvin, M.J., Jr. 1-32187
- Parks, J., see Winsch, I.O. 1-23828
- Parks, K.D., see Van Duyn, R.P. 1-28975
- Parks, N.J., see Raabe, O.G. 1-4340
- Parks, R.D., Shapiro, S.M., Majkrzak, C.F., Grier, B.H. Energy parameters and crystal field effects in the mixed valence problem: chemically collapsed cerium 1-20670
- Parks, R.D., see Guertin, R.P. 1-47781
- Parks, R.E. Optical component specifications 1-46531
- Parks, R.E. The optical element fabrication process 1-51645
- Parks, R.E., see Hayes, J. 1-37576
- Parks, R.L., Thornton, S.T., Dennis, L.C., Cordell, K.R. Comparison of fusion cross sections for ¹²C+¹²C, ²⁴Mg+¹⁴N, ¹⁴N+²⁴Mg 1-10400
- Parks, R.S., see Cordell, K.R. 1-50596
- Parks, V.J. The range of speckle metrology 1-14096
- Parlag, A.M., see Ishkhanov, B.S. 1-5703
- Parlagreco, J.R., see Singh, M.S. 1-946
- Parlange, J.-Y., Braddock, R.D. A note on some similarity solutions of the diffusion equation 1-40737
- Parlebas, J.C., see Demangeat, C. 1-16253, 1-47562
- Parlebas, J.C., see Khan, M.A. 1-38746
- Parlevliet, C., see van Maaren, M.H. 1-7352
- Parma, L., see Pelant, I. 1-43174
- Parma, P., see Fantì, R. 1-49837
- Parmentier, J.P. Complexity of choices between two dependent technologies: example of PWRs and FBRs development planning 1-39712
- Parma, A.N., Branduardi-Raymont, G., Pollard, G.S., Sanford, P.W., Fabian, A.C., Stewart, G.C., Schreier, E.J., Polidan, R.S., Oegerle, W.R., Locke, M. X-ray observations of the OAO 1653-40 field 1-27636
- Parmenter, C.S., Seaver, M. The temperature dependence of collision-induced intersystem crossing in S₁ glyoxal vapor 1-29017
- Parmenter, C.S., see Loge, G.W. 1-37238
- Parmenter, R.H. The quantum-lattice-gas model applied to the case of finite superfluid flow in ⁴He 1-30503
- Parmentier, M., see Ekstrom, T. 1-20150
- Parmentier, R.D., see Erne, S.N. 1-7783, 1-52712
- Parmer, J.F., Magnuson, G.D., Jones, R.G., Taylor, W.D., Peck, S.D., Waszczak, J.P., Williams, J.E.C., Bobrov, E.S. A superconducting magnet for Stanford University 1-48871
- Parmiere, P., see Lebrun, J.L. 1-21478
- Parmigiani, B., see Massetti, C. 1-11628
- Parnaby, J., see Smith, N.N. 1-34392
- Parnovsky, S.L. Gravitation fields near the naked singularities of the general type 1-23066
- Parodi, G., see Beltrame, F. 1-53950
- Parodi, G.A., see Low, M.J.D. 1-40880, 1-50228
- Parodi, G.C., see Beltrame, F. 1-32332
- Parodi, R., see Fernandes, P. 1-37030
- Paroli, P., see Antonini, B. 1-48122
- Paron, J., see Ramanathan, N. 1-43979
- Paropkari, A.L., Topgi, R.S., Rao, Ch.M., Murthy, P.S.N. Distribution of Fe, Mn, Ni, Co, Cu and Zn in non-lithogenous fractions of sediments of Gulf of Kutch 1-17581
- Paropkari, A.L., see Murty, P.S.N. 1-17582
- Parot, P., see Vanderschueren, J. 1-21116
- Parr, A.C., Ederer, D.L., Cole, B.E., West, J.B., Stockbauer, R., Codling, K., Dehmer, J.L. Triply-differential photoelectron studies of molecular autoionization profiles: the 710-730 Å region of the N₂ spectrum 1-33519
- Parr, A.C., see Codling, K. 1-24087, 1-46018
- Parr, A.C., see Rosenstock, H.M. 1-24191
- Parr, A.D., see Chin Fo Tsang 1-53689
- Parr, R.A., see Johnston, M.H. 1-7497
- Parra, R.E., Medina, R. Magnetic-environment model of Ni-Pt and Ni-Pd alloys 1-25932
- Parravicini, G.B., see Mognaschi, E.R. 1-28025
- Parravicini, G.P., see Grosso, G. 1-16626
- Parravicini, G., Pastori, see Pastori Parravicini, G.
- Parriaux, O., Sychugov, V.A., Tishchenko, A.V. Reconstruction of the refractive index profile in diffused waveguides 1-51611
- Parriaux, O., see de Oliveira, A.D. 1-33824, 1-41878
- Parriaux, O., see Neuman, V. 1-41898
- Parrinello, M., Giaquinta, P.V. Analytical solution of a new integral equation for triplet correlations in hard sphere fluids 1-46968
- Parrinello, M., Rahman, A. Crystal structure and pair potentials: A molecular-dynamics study 1-20112
- Parrinello, M., see Abramo, M.C. 1-2311
- Parrini, G., see Adamovich, M.I. 1-45317
- Parrini, G., see Fiorino, A. 1-50583
- Parrish, J.A. Photomedicine: potentials for lasers. An overview 1-35870
- Parrish, J.A., see Anderson, R.R. 1-35840
- Parrish, J.F., see Berni, A.J. 1-40221
- Parrish, W., Huang, T.C. Accuracy of the profile fitting method for X-ray polycrystalline diffraction 1-29984
- Parrot, J.E. Comments on 'A note on photocurrents in extrinsic semiconductors' 1-7664
- Parrott, J.E. Heat conduction mechanisms in semiconducting materials 1-2725
- Parrott, J.R., Sr. Preparation of ²³³UO₂ for the light-water breeder reactor demonstration program 1-5982
- Parry, A.A., see Levy, G. 1-53251
- Parry, C.M., see Glad, D.S. 1-36737
- Parry, G., Walker, J.G. Statistics of stellar scintillation 1-4615
- Parry, G.P. On the relative strengths of stability criteria in anisotropic materials 1-1829
- Parry, G.W., Winter, P.W. The characterisation and evaluation of uncertainty in probabilistic risk analysis 1-28673
- Parry, R.F., see Aysto, J. 1-45414
- Parry, T.V., Wronski, A.S. Failure of carbon fibre reinforced plastic under superposed pressure in three-point bending 1-35339
- Parsamyan, E.S. Slow flares in aggregates. I 1-36291
- Parsamyan, E.S. Slow flares in aggregates. II 1-49673
- Parsellunas, J., see Kaciulis, S. 1-16309, 1-20793
- Parshad, R., see Bahadur, H. 1-12459, 1-20543, 1-20544, 1-24637
- Parshad, R., see Govil, A.K. 1-3049
- Parshad, R., see Sharma, K.K. 1-35970
- Parshev, V.A., see Krasnopol'skii, V.A. 1-9403

- Parshikov, V.G., Nesgovorov, V.V., Aleshina, L.B., Shegai, A.A., Mikhailov, V.G., Karyakin, I.V., Dement'ev, A.N. Structure of tungsten rods produced by various methods 1-53143
- Parshin, A.Ya. see Keshishev, K.O. 1-52388
- Parshin, A.Ya. see Koryshev, S.V. 1-5408
- Parshin, D.A. see Bozhokin, S.V. 1-52500
- Parshin, D.A. see Gurevich, V.L. 1-52579, 1-52583
- Parshin, N.I. see Blinov, V.N. 1-53220
- Parshutin, V.S. see Lebedev, S.Ya. 1-45079
- Parsley, L.R. see Dillahunty, R.C. 1-22497
- Parson, J.M. see Schwenz, R.W. 1-48667
- Parson, R. Adsorption phenomena in electrochemistry 1-35548
- Parsons, B., Richter, F.M. A relation between the driving force and geoid anomaly associated with mid-ocean ridges 1-32424
- Parsons, B. see McKenzie, D. 1-22318
- Parsons, B. see Sclater, J.G. 1-49248
- Parsons, B. see Tapscott, C.R. 1-9143
- Parsons, D. (translator) Reviews of plasma physics. Vol.8 1-40607
- Parsons, D.B. see Leonard, F. 1-17430
- Parsons, J.R., Hoelke, C.W., Gilbert, R.W. Ion simulation of neutron irradiation growth in annealed polycrystalline Zr 1-34378
- Parsons, M.L. see Lovett, R.J. 1-53518
- Parsons, M.L. see Berkey, F.T. 1-40248
- Parsons, S.B. Ultraviolet spectroscopy of F and G supergiant with IUE. I. First results on Cepheid variables 1-9497
- Partain, L.D., Armantrout, G.A., Okubo, D. Non-destructive SEM measurement of minority-carrier transport parameters of Cu₂S/CdS solar cells as a function of heat treatment 1-13119
- Parthasarathy, M. Red and blue stars in the direction of the Large Magellanic Cloud 1-17843
- Parthasarathy, M., Kameswara Rao, N. The lithium in weak G-band stars 1-22798
- Parthasarathy, M., Raveendran, A.V., Mekkadon, M.V. RS CVn-type variables. I. Photometry of HR 1099 1-40521
- Parthasarathy, M., Sarma, M.B.K. Photometry of HU Tauri 1-13803
- Parthasarathy, R., Sridhar, V.N. Gamma-neutrino angular correlations in muon capture by ²⁵¹Sm. II 1-45496
- Parthasarathy, R. see Gambhir, Y.K. 1-41102
- Parthasarathy, S., Ponnuswamy, M.N. The effect of data truncation on the measurability of Bjvoet differences 1-42255
- Parthasarathy, S. see Subramanian, K. 1-29969
- Parthe, E. Crystal chemistry of rare earth-transition metal compounds 1-25446
- Parthe, E. see Chabot, B. 1-11721, 1-34282
- Parthe, E. see Klepp, K. 1-30135, 1-34357
- Partington, J.P. see Baggeley, D.M.S. 1-47867
- Partington, S. see Beales, K.J. 1-11189, 1-51612
- Partlow, D.P., Smith, H.D., Mattox, D.M. Variation in the surface tension of molten sodium borate with temperature 1-42609
- Partlow, W.D., Johnson, C.T., McRoberts, M., Feldman, R.B. A micro-computerized facility for on-line spectroscopic plasma diagnostics 1-46928
- Partom, Y. see Rosenberg, Z. 1-5302
- Partom, Y. see Yaziv, D. 1-25369, 1-40776
- Parton, L. see Evans, D.H. 1-53846
- Parton, V.Z., Kudryavtsev, B.A., Rubinskii, B.D. Effect of an electromagnetic field on crack propagation 1-19648
- Partovi, M.H. Massless SU(N) Yang-Mills theory in two dimensions 1-14252
- Partovi, M.H. see Mashoon, B. 1-36536
- Partridge, R., Peck, C., Porter, F., Kollmann, W., Richardson, M., Strauch, K., Wacker, K., Aschman, D., Burnett, T., Cavalli-Sforza, M., Coyne, D., Sadrozinski, H., Hofstadter, R., Kirkbride, I., Kolanowski, H., Liberman, A., O'Reilly, J., Tompkins, J., Bloom, E.D., Bulo, F., Chestnut, R., Gaiser, J., Godfrey, G., Kiesling, C.M., Oreglia, M. Results on charmonium from the Crystal Ball 1-10207
- Partridge, R., Peck, C., Porter, F., Kollmann, W., Richardson, M., Strauch, K., Wacker, K., Aschman, D., Burnett, T., Cavalli-Sforza, M., Coyne, D., Sadrozinski, H., Hofstadter, R., Kirkbride, I., Kolanowski, H., Konigsmann, K., Liberman, A., O'Reilly, J., Tompkins, J. Observation of an candidate state with mass 2978 ± 9 MeV 1-18483
- Partridge, R.B. Cosmological anisotropies in the microwave background 1-54667
- Partridge, R.B. see Martin, H.N. 1-9740
- Partus, F.P. see Buckler, M.J. 1-11204
- Parungo, F. see Rosinski, J. 1-49359
- Parungo, F.P., Pueschel, R.F. Conversion of nitrogen oxide gases to nitrate particles in oil refinery plumes 1-13203
- Parusnikov, B.V. see Polyakova, I.N. 1-30219, 1-30220
- Parvan, J.C. see Bizot, J.C. 1-10243
- Parvathavarthini, N. see Dayal, R.K. 1-31728
- Parvatyay, M.G. see Snider, R.E. 1-46088
- Parviainen, S. see Kivila, J. 1-42264
- Parvi, A. see Bader, M.G. 1-48454
- Parygin, V.N. see Balakhshii, V.I. 1-1683
- Parygin, V.V. see Arkhipov, V.V. 1-37772
- Parzhitskii, S.S. see Kraft, O.E. 1-683
- Parzynski, R. Polarized nuclei from unpolarized atoms two-photon resonantly ionized via hyperfine structure energy levels 1-6217
- Pasare, S. Calculation of the space distribution of a magnetic field produced by a cylindrical solenoid 1-29162
- Pascale, D. see Bures, J. 1-37612
- Pascale, M.P. De see De Pascale, M.P.
- Pascar, B.L. see Andreev, P.A. 1-28568
- Pascaru, L., Meirs, M. Development of a light weight, military, cesium standard 1-23191
- Pascat, B. see Jenouvrier, A. 1-1250
- Pasch, R.J. see Krishnamurti, T.N. 1-9228
- Paschenko, V.Z. see Rubin, L.B. 1-35760
- Pascher, H. see Richter, W. 1-15200
- Paschmann, G., Schopke, N., Asbridge, J.R., Bame, S.J., Gosling, J.T. Energization of solar wind ions by reflection from the Earth's bow shock 1-9329
- Paschos, E.A., Wirbel, M. Test for the spin of gluons 1-33194
- Pascoe, D.J., Forgan, B.W. An investigation of the Linke-Feussner pyrheliometer temperature coefficient 1-5359
- Pascoe, K.J. see Smith, E.W. 1-48506
- Pascolini, A. see Milani, N. 1-44781
- Pascu, D., Harrington, R., Seidelmann, P.K. Satellites of Saturn 1-13728
- Pascual, P., Tarrach, R. Slavnov-Taylor identities in Weinberg's renormalization scheme 1-5565
- Pascual, R. see Grifols, J.A. 1-18533
- Pascual, R.O. see Golding, R.M. 1-12418
- Pasdeloup, M. see Brissou, C. 1-10757
- Pasechnik, L.A. see Dimarova, E.N. 1-52905
- Pasechnik, L.L. see Namovets, V.G. 1-24936
- Pasechnik, V.I. Model of elastic bilayer membrane 1-39890
- Pasechnik, V.I., Shimane, Ch., Tyshinskaya, T.V., Giani, T. Electrostriction of double-layer lipid membranes with the simultaneous imposition of two alternating voltages 1-53465
- Pasechnik, V.I. see Hianik, T. 1-17353
- Pasechnik, Yu.A. see Venger, E.F. 1-2890
- Pasha, I.I. see Fridman, A.M. 1-54622
- Pashaev, B.P., Palchae, D.K., Pashuk, E.G., Revelis, V.G. Thermophysical properties of polyvalent metals and their alloys in the solid and liquid states 1-52541
- Pashaev, B.P. see Pashuk, E.G. 1-8496
- Pashaev, O.K. see Makhankov, V.G. 1-36580
- Pashchenko, S.V. see Goldstein, Y.A. 1-39349
- Pashchenko, V.P., Grigoryuk, A.I., Pitsyuga, V.N., Kosenko, A.A. Kinetics and mechanism of formation of ferropinel from an inequimolar mixture of Fe₂O₃ and NiO 1-53401
- Pashchenko, V.P., Kapustin, N.P., Litvinova, O.G., Stepanova, Yu.D., Serebro, D.Ya., Shaparenko, S.E. Kinetics and mechanism of formation of barium hexafluoride 1-39601
- Pashchenko, V.S. see Korvatovskii, B.N. 1-17358
- Pasheev, A.V. see Grazhdankina, N.P. 1-20978
- Pashinin, P.P. see Avanesov, A.G. 1-6579
- Pashinin, P.P. see Bulatov, E.D. 1-33065
- Pashinin, P.P. see Kil'pio, A.Y. 1-25014
- Pashinin, P.P. see Osin, M.N. 1-29808
- Pashinin, P.P. see Volyak, T.B. 1-24474
- Pashinkin, A.S., Malkova, A.S., Yusova, S.A., Fedorov, V.A., Dement'eva, Yu.S., Rodionov, A.V. Representation of gas-phase synthesis of GaP by partial pressure diagrams 1-16673
- Pashinkin, A.S. see Glazov, V.M. 1-17040, 1-21757
- Pashintsev, Yu.I. see Muryleva, I.V. 1-47677
- Pashitskii, E.A. see Braun, O.M. 1-25576
- Pashkevich, A.G., Kashirin, M.F., Orekhov, A.V. Momentless axisymmetric deformation of thin-wall cylindrical shells 1-15426
- Pashkevich, I.K. see Krutikhovskaya, Z.A. 1-27058
- Pashkevich, V.V. see Fraundorf, S. 1-10300
- Pashkevich, Yu.G., Sobolev, V.I., Telepa, V.T. On the theory of magnetoelastic interactions in orthorhombic antiferromagnets 1-31002
- Pashkin, Yu.G. see Polonov, V.P. 1-28596
- Pashkov, A.F. see Alaverdyan, S.A. 1-29282
- Pashkov, P.O., Kirienco, A.M. Features of the deformation and fracture of steel in structures in different rigidity 1-31804
- Pashkov, P.O., Pektemirov, B.G., Yaroshenko, A.P. Study of the mechanical properties of laminated composite materials given compatible heat treatment 1-39353
- Pashkov, S.A., Shishkov, E.V. A study of a commercial MHD power plant scheme 1-38160
- Pashkov, V.A. see Levanyuk, A.P. 1-21167
- Pashkov, V.A. see Zverev, G.M. 1-37520
- Pashkov, V.V., Lobko, M.P. Dielectric properties of liquid hydrocarbons 1-47998
- Pashkov, V.V. see Averb'yanov, P.N. 1-44945
- Pashley, R.M. Multilayer adsorption of water on silica: an analysis of experimental results 1-25554
- Pashov, S.N. see Bochenin, Yu.V. 1-27295
- Pashuk, E.G., Beshentsev, V.D., Pashaev, B.P., Revelis, V.G., Orlova, R.G., Palchae, D.K. Nondestructive ultrasonic method of controlling the sintering of high-voltage insulators 1-8496
- Pashuk, E.G. see Pashaev, B.P. 1-52541
- Pashun, A.D. see Voitsekhovskii, A.V. 1-42769
- Pasichnyi, A.A. A shell-cluster approximation of atomic nuclei rotation 1-41040
- Pasierb, E. see Reines, F. 1-5616
- Pasiment, L., Brustolom, M., Zanonato, P.L., Corvaja, C. EPR study of the triplet excitons in a single crystal of DDQ tetraethylammonium ion radical salt 1-12404
- Pasiment, L., Riello, M., Gambaro, A., Rigatti, G., Giacometti, G. Effect of the electron spin exchange relaxation on the high-field CIDNP polarization produced by radical pairs 1-14935
- Pask, C. Analysis of optical fibre connectors and modal noise generation 1-1704
- Pask, C. see Sammut, R.A. 1-41843
- Pask, J.A. see Wong, B. 1-38627
- Paskal', Yu.I. see Domrachev, V.E. 1-20406
- Paskal', Yu.I. see Monashev, L.A. 1-3850, 1-26449
- Paskin, A., Som, D.K., Dienes, G.J. Computer simulation of crack propagation: lattice trapping 1-52225
- Paskin, A. see Dienes, G.J. 1-30349
- Pasmanik, G.A. see Andreev, N.F. 1-41770
- Pasnik, V.I. see Voznesenski, B.S. 1-27292
- Paso, R., Kauppinen, J., Anttila, R., Betten-court-Stürnemann, C. Infrared spectrum of the ν₆ band of CD₃Br 1-45955
- Pasotti, G. see Elen, J.D. 1-50923
- Pasqual, O. Some problems in the recovery of solar energy 1-48803
- Pasqual, O. Solar pumps: a new means of pumping water 1-53616
- Pasquale, D. De see De Pasquale, D.
- Pasquale, V. see Flocchini, G. 1-17638
- Pasqualetti, F. see Bertero, M. 1-1485
- Pasqualetti, F. see Consortini, A. 1-1602
- Pasqualetti, F. see Federici, L. 1-29240
- Pasquenza, J.P. Plant performance in the after-math of TMI 1-14666
- Pasquevich, A.F., Bibiloni, A.G., Massolo, C.P., Sanchez, F.H., Lopez-Garcia, A. Application of the TDPAC technique to internal oxidation studies 1-47986
- Pasquier, B. see Pigenet, C. 1-35032
- Pasquinielli, G. see Cella, A. 1-11335
- Passaro, F. see Andreatti, L. 1-17176
- Passell, L. see McTaggart, J.P. 1-7476
- Passerone, A., Sangiorgi, R., Eustathopoulos, N. Isothermal faceted to non-faceted equilibrium transition of solid-liquid interfaces in Zn-Bi-In alloys 1-16154
- Passi, J.N. see Biswas, S.N. 1-18510, 1-33182
- Passigli, G. Some remarks on the tritan-like anomaly in children 1-48992
- Passler, R. Comment on various attempts to interpret the electron capture properties of the B centre in gallium arsenide 1-16298
- Passler, R. Contribution of the radiative mechanism to electron capture at the B centre in gallium arsenide 1-16299
- Passman, S.L. see Nunziato, J.W. 1-2081
- Passner, A., Gibbs, H.M., Gossard, A.C., McCall, S.L., Venkatesan, T.N.C., Wiegmann, W. Ultrashort laser. Lasing in MBE GaAs layer with perpendicular-to-film optical excitation and emission 1-29275
- Passner, A. see Chu, S. 1-31187
- Passoja, A. see Badin, A. 1-33211
- Passoja, D.E. see Strife, J.R. 1-8348
- Passuello, D. see Amendolia, S.R. 1-18959, 1-18960
- Pasternack, L., Baronasavi, A.P., McDonald, J.R. Temperature dependence on the C₂(a¹Π_u) + CH₄ reaction from 337 to 605K 1-4067
- Pasternak, A. see Yelon, W.B. 1-20331
- Pasternak, A.A. see Funke, L. 1-50485
- Pasternak, A.A. see Kiptily, V.G. 1-33208
- Pasternak, A.A. see Kudoyov, M.F. 1-23596
- Pasternak, M. Mossbauer studies of iron vapor reactions in solid ethane and ethylene 1-31904
- Pasternak, M., Barrett, P.H. The binding of tin atoms to ammonia. A Mossbauer study. 1-47981
- Pasternak, V.E., Senkevich, A.A., Yushkanov, A.A., Yalamov, Yu.I. Thermal slip of a moderately dense gas along a flat surface 1-11399
- Pasterny, K. see Kluk, E. 1-44839
- Pastor, J. see Louis, E. 1-31502
- Pastor, J.M., Montiel, A., Rull, F., de Saja, J.A. A method for measuring ferro-electric Curie points in Rochelle salt 1-31100
- Pastor, K. see Stepniak, R. 1-16551
- Pastore, F. see Conca, C. 1-14418
- Pastori Parravicini, G. see Baroni, S. 1-38716
- Pastouret, L. see Berggren, W.A. 1-17571
- Pastrnak, J., Oswald, J., Karel, F., Khas, Z. Study of luminescence kinetics of AlN:Mn²⁺ under volume photo-excitation and surface excitation in plasma discharge 1-31191
- Pastukhov, V.P. Anomalous transport of electrons in a transition layer of a magnetoelectrostatic trap 1-24958

- Pastukhova, Zh.P., Vasil'ev, N.V. Volume changes, warping, and residual stresses in beryllium bronze during heat treatment 1-3805
- Pastur, L.A. see Antsygina, T.N. 1-42721
- Pasturel, A. see Livage, J. 1-34932
- Pastusiak, W., Kowalewski, L. Two-center electrostatic interactions between two electrons in a crystal field 1-47525
- Pastuszka, J. see Cisowski, J. 1-38772
- Pasupathi, V. see Davis, R.B. 1-23820
- Pasupathi, V. see Stellrecht, D.E. 1-23821
- Pasupathi, J., Sudarshan, E.C.G. Embedding of non-simple Lie groups, coupling constant relations and non-uniqueness of models of unification 1-14313
- Pasynkov, V.V. see Dem'yanenko, P.A. 1-3029
- Pasynkova, I.A. Periodical motions of the system with three degrees of freedom in the two internal resonance case 1-9830
- Pasynkova, L.M. see Vargin, A.N. 1-33498
- Pasyuk, A.S., Kutner, V.B., Tret'yakov, Yu.P. Influence of cathode materials on discharge parameters and the yield of multiply charged ions 1-37035
- Pasyuk, E.A. see Akimov, Yu.K. 1-41115
- Paszek, A. see Woo, S.B. 1-37280
- Pasztor, I., Jojart, I., Blahak, E. Non-invasive measuring system for cardiology 1-17513
- Paszyc, S. see Gryczynski, I. 1-41424
- Paszyc, S. see Gryczynski, I. 1-19080
- Patalakh, G.P. see Gubin, V.V. 1-46768
- Patalakha, E.I. The geodynamic aspect of geosynclinal folding 1-44187
- Patanaphan, V. see Seewchand, W. 1-17497
- Patanekar, A.N., Mandal, G. The packing of some non-spherical solid particles 1-3656
- Patanekar, S.V. see Eckert, E.R.G. 1-33956
- Patarakin, O.O. see Mukhin, K.N. 1-28348
- Pataraia, A.D. see Melikidze, G.I. 1-36314
- Patargias, N. see Jannussis, A.D. 1-468
- Patashinski, A.Z., Shumilo, B.I. Metastable systems near the instability region 1-11839
- Patatheodorou, G.N., Kleppa, O.J. Excess enthalpies of binary liquid mixtures: $(1-x)\text{AgCl}+x\text{CdCl}_2$, $+x\text{MnCl}_2$, $+x\text{FeCl}_2$, and $+x\text{CoCl}_2$ 1-16046
- Patau, J.P., Terrissol, M., Malbert, M. Simulation of the slowing down of 100 MeV to 30 keV electrons 1-20285
- Patau, J.P. see Chmelevsky, D. 1-43892
- Patau, J.P. see Terrissol, M. 1-15931
- Patchett, P.J. Sr isotopic fractionation in Allende chondrules: a reflection of solar nebular processes 1-13742
- Patchett, P.J., Tatsumoto, M. Lu-Hf total-rock isochron for the eucrite meteorites 1-27433
- Patchett, P.J., Tatsumoto, M. Hafnium isotope variations in oceanic basalts 1-44142
- Pate, B.B., Spicer, W.E., Ohta, T., Lindau, I. Electronic structure of the diamond (111) 1×1 surface: Valence-band structure, band bending, and band gap states 1-16334
- Pate, G. see Burgess, A.E. 1-40002
- Patel, A.C. Capillary rheometer: a practical tool to characterise carbon blacks 1-33941
- Patel, A.R., Kotak, M.D. Etching of CaF_2 single crystals in silica gels 1-20216
- Patel, A.R., Rao, K.V., Shivakumar, G.K. Role of deposition conditions, impurities and structural defects in the epitaxial growth of thin films 1-38681
- Patel, B.P. see Talati, J.D. 1-31713
- Patel, B.S., Prasad, R.V. Evaluation of output power and optical parameters of CW Nd:YAG lasers 1-37499
- Patel, C.C. see Kulkarni, G.V. 1-45849
- Patel, C.K.N. see Methfessel, C.E. 1-47779
- Patel, C.K.N. see Shaw, E.D. 1-15143, 1-37452
- Patel, D.G. see van Apeldoorn, G.W. 1-45357
- Patel, D.J. High resolution NMR studies of the structure and dynamics of tRNA in solution 1-13209
- Patel, G.A. see Talati, J.D. 1-31713
- Patel, G.D. see Johnson, P. 1-5659
- Patel, G.N., Khanna, Y.P. Abrupt dissolution of polydiacetylenes 1-52297
- Patel, G.N., Witt, J.D., Khanna, Y.P. Thermochromism in polydiacetylene solutions 1-15785
- Patel, H.B. see Agarwal, M.K. 1-25539
- Patel, I.C., Akabari, R.P., Patel, L.K. Two Kerr-NUT type solutions of Einstein's equations 1-36437
- Patel, J.L., Nicholls, J.E., Davies, J.J. Optically detected magnetic resonance of two shallow acceptor centres in cadmium sulphide 1-52869
- Patel, J.L. see Wigmore, J.K. 1-15996
- Patel, J.V. see Agarwal, M.K. 1-20138, 1-25539
- Patel, L.K. see Patel, I.C. 1-36437
- Patel, M.R. see Lee, Y.S. 1-11322, 1-37812
- Patel, N.B. see Mendoza-Alvarez, J.G. 1-3347
- Patel, N.B. see Morosini, M.B.Z. 1-6556
- Patel, N.B. see Prince, C.F. 1-15181
- Patel, P.D., Theofanous, T.G. Hydrodynamic fragmentation of drops 1-18660
- Patel, P.D. see Agarwal, M.K. 1-34706
- Patel, P.M. see Dankowych, J.A. 1-50460
- Patel, R. see Klorie, A.J. 1-40401
- Patel, R.D. Bubble growth in a viscous Newtonian liquid 1-33998
- Patel, R.I., Stewart, G.W., Casleton, K., Gole, J.L., Lombardi, J.R. Chemiluminescence study of methane-fluorine combustion: observation and analysis of $\text{HCF A}^1\text{A}^-\text{X}^1\text{A}'$ 1-26749
- Patel, S. A theoretical model for predicting parameter changes in soft contact lenses due to bending 1-27026
- Patel, S.M., Mahajan, M.D. Use of GaSb films as residual gas pressure monitors 1-36671
- Patel, T.C. see Agarwal, M.K. 1-20138
- Patel, V.C. see Ramaprian, B.R. 1-51759
- Patel, V.L. see Migulolo, S. 1-2186
- Pattella, D. Gravity interpretation using the Hankel transform 1-40038
- Pattella, D. The quantitative interpretation of dipole soundings by means of the resistivity transform function 1-54267
- Pattella, D. The interpretation of the vertical fault problem in geoelectrics using Hankel integral 1-54268
- Pattella, D., Ciminale, M. The linear system theory applied to the electrical response of Earth materials 1-4495
- Pattella, F. see Margaritondo, G. 1-7689
- Pater, I. de see de Pater, I.
- Pater, W. see Stoch, Z. 1-53152
- Patera, J., Sharp, R.T., Slansky, R. On a new relation between semisimple Lie algebras 1-452
- Patermann, C., Stein, G. Treatment of proliferation and countermeasures by INFCE 1-10506
- Paterno, L. see Belvedere, G. 1-27439, 1-32694
- Paternoster, G. see Barbarino, G.C. 1-28810
- Paterson, J.L. see Moody, M.V. 1-42918
- Paterson, M.S. The role of water in quartz deformation 1-42454
- Pateyron, A. see Bronchard, J.P. 1-27984
- Pathak, A.P. Systematic study of channeling stopping-power oscillations for low-velocity heavy ions. II 1-20290
- Pathak, B.P. see Nikkinen, L. 1-10569
- Pathak, G. see Pradhan, S.D. 1-47241, 1-48722
- Pathak, K.N. see Dubey, G.S. 1-20046, 1-52048
- Pathak, K.N. see Sharma, A. 1-7548
- Pathak, P.D., Desai, R.J. Thermal properties of some HCP metals. I. Thermal expansion of zinc and cadmium 1-38564
- Pathak, P.H., Burnside, W.D., Marhefka, R.J. A uniform GTD analysis of the diffraction of electromagnetic waves by a smooth convex surface 1-1446
- Pathak, P.H., Kouyomjian, R.G., Jirapunt, T. A uniform GTD analysis of the backscatter from finned cylinders 1-6434
- Pathak, R.P., Dubey, R.K., Sharma, R.G. A note on unsteady flow of a viscous fluid between two co-axial circular cylinders when one of them executes a harmonic motion 1-6896
- Pati, J.C. Magnetism as the origin of preon binding 1-28275
- Pati, J.C. see Davidson, A. 1-14294
- Pati, J.C. see Mohapatra, R.N. 1-44682
- Patil, B.T. see Patil, S.F. 1-11787
- Patil, N.K., Kulkarni, P.N., Bhiday, M.R., Bhoraskar, V.N. Effect of inductance in a vacuum vibrator ion source 1-5434
- Patil, P.B., Bhonsle, B.R. Integral transform of functions of trilinear co-ordinates and elastic vibrations of hexagonal plate on elastic foundation 1-1860
- Patil, R.V., Kale, G.B., Khara, S.K. Chemical diffusion in the thorium-iron and thorium-nickel systems 1-52365
- Patil, R.V., Tiwari, G.P., Sharma, B.D. Diffusion of ^{99}Mo , ^{95}Zr , and ^{60}Co in 316 stainless steel 1-16094
- Patil, S.F., Patil, B.T. Isothermal annealing of radiation damage in hydrated and dehydrated calcium chloride crystals 1-11787
- Patil, S.H. T-matrix analysis of one-dimensional weakly coupled bound states 1-1061
- Patil, S.H. Ground-state energy of two-dimensional weakly coupled Hamiltonians 1-19000
- Patin, Y. see Delaroche, J.P. 1-36902
- Patioti, L.E. see Stoichev, M.I. 1-27283
- Pattisias, A.J. Scattering from a helical coil of circular cross section in the Rayleigh-Debye theory 1-1443
- Patkos, A. see Balog, J. 1-23477
- Patkowski, A., Chu, B. Studies of protein-nucleic acid interactions by photon correlation spectroscopy. I. tRNA-BSA interactions at low ionic strength 1-8804
- Patkowski, A., Gulari, E., Chu, B. Long range tRNA-tRNA electrostatic interactions in salt-free and low-salt tRNA solutions 1-24296
- Patlan, Yu.V. see Bulkin, V.S. 1-45514
- Patnaik, K. see Dash, P.C. 1-44859
- Patnaik, P.K. see Badatya, R.S. 1-28350
- Pato, M.P. see Hussein, M.C. 1-45490
- Patoka, V.I., Silantjev, V.I., Kolesnik, V.N., Vrestal, J., Million, B. Simultaneous measurement of vaporisation rate and diffusion coefficient in the Ni-V solid solution 1-30373
- Paton, A. see Duke, C.B. 1-42612
- Paton, A. see Meyer, R.J. 1-7052, 1-11962, 1-34557
- Paton, B.E., Medovar, B.I., Saenko, V.Ya., Krendeleva, A.I. Spontaneous hermetic sealing of multilayer blanks and stacks during high-temperature heating 1-31505
- Paton, N.E. see Pardee, W.J. 1-8428
- Paton, N.E. see Tien, J.K. 1-21515
- Patonay, G. see Olah, K. 1-32075
- Patorski, K., Parfjanowicz, G. Self-imaging phenomenon of a sinusoidal complex object 1-51365
- Patra, B. see Das, J.N. 1-46129
- Patra, H.P., Mallick, K. Geosounding principles, 2. Time-varying geoelectric sounding 1-5038
- Patra, P., Roy, T. A composite fluid sphere with two density distributions in general relativity 1-18083
- Patras, V., Krempasky, J., Vlasak, G., Hanic, F. Superionic conductivity of the system $\text{PrO}_3\text{-HfO}_3$ 1-52610
- Patrascioiu, A. More about the fermion determinant in two-dimensional QED 1-23459
- Patrascioiu, A.N., Scadron, M.D. Dynamical theory of spontaneous breakdown for chiral-invariant quantum chromodynamics: Resolution of the U(1) problem 1-14345
- Patrashakorn, S., Papp, R. Recycling of actinides in light water reactors 1-5979
- Patriat, P. see Sclater, J.G. 1-49248
- Patriat, P. see Segoufin, J. 1-44097
- Patriat, P. see Tapscott, C.R. 1-9143
- Patriat, P. see Tisseau, J. 1-53972
- Patricelli, S. see Barbarino, G.C. 1-28810
- Patrick, B.H. see Lynn, J.E. 1-14527
- Patrick, G.N. see Adamovich, M.I. 1-45317
- Patrick, G.N. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Patrick, G.N. see Fiorino, A. 1-50583
- Patrick, J. see Herman, M.W. 1-40010
- Patrick, J.F. see Dorfan, J.M. 1-41020
- Patrick, J.F. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Patrick, J.F. see Himel, T.M. 1-18482
- Patrick, J.F. see Scharre, D.L. 1-18485, 1-45292
- Patrick, J.T. see Smith, W.L. 1-53843
- Patrick, R., Pilling, M.J., Rogers, G.J. A high pressure rate constant for CH_3+H and an analysis of the kinetics of the $\text{CH}_3+\text{H}\rightarrow\text{CH}_4$ reaction 1-31842
- Patrick, R.M. see Reilly, D.A. 1-10972
- Patric, J. see Sheasby, P.G. 1-21641
- Patrina, I.B. see Grunin, V.S. 1-3253
- Patrushev, G.N. see Pinkhusovich, R.L. 1-27995
- Patrushev, G.Ya. see Koval', S.S. 1-36059
- Patrushev, G.Ya. see Monastyrnyi, E.A. 1-33622
- Patrykiewicz, A. Phase transitions in adsorbed layers. I. The effects of adsorbate-adsorbent dimensional incompatibility on the two-dimensional condensation of monolayers adsorbed on graphite and boron nitride 1-47387
- Patrykiewicz, A., Jaroniec, M., Marczewski, A.W. Partially mobile and partially localized monolayer films of gases on solid surfaces. V. Application of the model to adsorption of simple gases on graphite and boron nitride 1-42638
- Patsakos, G. see Davis, L.W. 1-37389
- Patsel', I. Some optimisation problems connected with contact problems of linear elasticity theory 1-15398
- Patskevich, I.R. see Deev, G.F. 1-52391
- Patskun, I.I. see Mozol', P.E. 1-19381
- Patskun, I.I. see Sal'kov, E.A. 1-21250
- Patatabiraman, N., Sasisekharan, V. Description of ring puckering of furanose: an analytical approach 1-29138
- Pattanayak, D. see Obst, B. 1-35255
- Pattanayak, D.N., Agrawal, G.P. Representation of vector electromagnetic beams 1-1457
- Pattanayak, D.N., Agrawal, G.P., Birmann, J.L. Resonance-enhanced transient reflectivity via exciton polaritons 1-48111
- Patten, J.W. Columnar grain structure in thick sputtered nickel 1-34602
- Patton, J.W., Bayne, M.A., Hays, D.D., Moss, R.W. Krypton bubble formation and growth in sputtered gold 1-12004
- Patton, J.W., Prater, J.T., Hays, D.D., Moss, R.W., Fairbanks, J.W. Mechanical behavior of segmented oxide protective coatings 1-31631
- Pattenden, N.J., Cambray, R.S., Playford, K., Eakins, J.D., Fisher, E.M.R. Studies of environmental radioactivity in Cumbria. III. Measurements of radionuclides in airborne and deposited material 1-48934
- Patteri, P. see Esposito, B. 1-36868
- Patterson, B.D. Simplified channeling and the rule of reversibility 1-22973
- Patterson, B.D. see Hintermann, A. 1-22975
- Patterson, C.W., Krohn, B.J., Pine, A.S. ν_1 vibrational ladder of SF_6 1-37366
- Patterson, C.W., McDowell, R.S., Moulton, P.F., Mooradian, A. High-resolution double-resonance spectroscopy of $2\nu_3-\nu_1$ transitions in SF_6 1-41411
- Patterson, C.W., McDowell, R.S., Nereson, N.G. Emission frequencies of the CF_4 laser 1-19325

- Patterson, C.W. *see* Laguna, G.A. 1-6225
 Patterson, E.L. *see* Rice, J.K. 1-29262
 Patterson, E.M., Kiang, C.S., Delany, A.C., Wartburg, A.F., Leslie, A.C.D., Huebert, B.J. Global measurements of aerosols in remote continental and marine regions: concentrations, size distributions and optical properties 1-44248
 Patterson, G.D., Latham, J.P. Brillouin scattering from polymers 1-35064
 Patterson, G.D. *see* Lindsey, C.P. 1-7056
 Patterson, H. *see* Lomenzo, J. 1-3442
 Patterson, H.H., Hasan, Z., Manson, N.B. Interpretation of MnF_2 : Cs_2SiF_6 impurity ion spectra from a lattice dynamics model for Cs_2SiF_6 1-8108
 Patterson, J. Rapid oscillations in catalytic variables. IV. WZ Sagittae 1-36287
 Patterson, J., Branch, D., Chincarini, G., Robinson, E.L. 33 second X-ray pulsations in AE Aquarii 1-22817
 Patterson, J., Imberger, J. Unsteady natural convection in a rectangular cavity 1-1967
 Patterson, J., Jones, D.R.H. Viscous flow and forming of a metallic glass 1-43463
 Patterson, J. *see* Fontaine, G. 1-9503
 Patterson, J.A. Uranium resources 1-18771
 Patterson, J.D. Surface order for materials with a first order transition 1-16158
 Patterson, J.D. Surface free energy of ice 1-34552
 Patterson, J.R. *see* Crouch, P.C. 1-45783
 Patterson, M.H. *see* Humphreys, T.P. 1-16362
 Patterson, V. *see* Rush, C.M. 1-32579
 Patterson, W.D. *see* Ridley, N. 1-16858
 Patti, F.J., Dam, A.S. Radiation protection considerations in TMI-2 recovery systems design 1-18910
 Patti, F.J. *see* Doman, D.R. 1-50874
 Patti, F.J. *see* Hess, F. 1-50878
 Pattinson, T.R. *see* Musinski, D.L. 1-45734
 Pattison, P., Bleif, H.-J., Schneider, J.R. Observation of X-ray Raman, Compton and plasmon scattering using a position sensitive proportional counter 1-28138
 Pattison, R.J. *see* Marshall, T.O. 1-6051
 Patton, B.R. *see* Cochran, W.T. 1-16139
 Patton, C.E. *see* White, G.O. 1-21058
 Patton, H. Crust and upper mantle structure of the Eurasian continent from the phase velocity and Q of surface waves 1-35956
 Patolet, A. *see* Ducroux, R. 1-5846
 Pattullo, A.W., van der Sluijs, J.C.A. Agreement between experiment and theory in the Kapitza conductance between clean copper samples and ^4He from 0.3 to 1.3K 1-20546
 Patty, D.W. *see* Sumner, J.R. 1-18802
 Pattyn, H. *see* Bukhsan, S. 1-47987
 Paturel, G. *see* Bigay, J.H. 1-9665
 Paturel, G. *see* Botinelli, L. 1-49528
 Patwardhan, A.B. *see* Dhumwad, R.K. 1-41363
 Patwardhan, A.S. *see* Cluff, L.S. 1-49211
 Patwari, V.M. *see* Deshpande, M.R. 1-54309
 Paty, M. *see* Erriqués, O. 1-23490
 Patz, W. *see* Hempel, H.-G. 1-30850
 Patzak, E. *see* Lengyel, G. 1-41696
 Patzak, R. *see* Franzen, R. 1-35618
 Patzelt, W.C. *see* Barnett, T.P. 1-17598
 Patzold, R. The dependence of flow behaviour of concentrated sphere suspensions on the flow form. A comparison of the viscosity in shear and extensional flows 1-34004
 Pau-Chang Lu On optimum disposal of waste heat 1-17236
 Pauchard, R. Scattering by a grating of continuous and discontinuous wires 1-19242
 Paudyal, D. *see* Pong, W. 1-31310
 Paufler, P. Climb mechanisms and critical temperature in off-stoichiometric V_3Si 1-30865
 Paufler, P. *see* Gohar, I.A. 1-20218
 Paufler, P. *see* Nghiep, D.M. 1-20232
 Paufler, P. *see* San Martin, A. 1-16912
 Paukert, J. *see* Gross, B. 1-25105
 Pauko, M. *see* Najzer, M. 1-50708
 Paul *see* Armstrong 1-10254
 Paul, A.R. *see* Naik, M.C. 1-34375
 Paul, B.B. Electro-scalarly charged fluid spheres in general relativity 1-18085
 Paul, B.B. Tangentially stressed charged cylinders in general relativity 1-18086
 Paul, B.B. Static charged dust in Malin theory 1-44822
 Paul, B.E. *see* Holleck, G.L. 1-21875
 Paul, D.I. Domain wall pinning in the hard permanent magnet $\text{Sm}_2\text{Co}_{10}\text{Cu}_{1.48}\text{Fe}_{0.16}\text{Zr}_{0.194}$ 1-7875
 Paul, D.I. *see* Pecora, L.M. 1-3150
 Paul, D.K., von Rodern, B., Oguz, S., Blake, J., Paul, W. Structural properties of glow discharge $\text{a-Si}_{1-x}\text{Ge}_x$ alloys as revealed by infrared absorption and hydrogen evolution techniques 1-52071
 Paul, D.L. *see* Cain, C. Jr. 1-759
 Paul, D.R., Barlow, J.W. Crystallization from miscible polymer blends 1-11699
 Paul, D.R. *see* Chan, A.H. 1-30566
 Paul, D.R. *see* Koros, W.J. 1-30562
 Paul, D.R. *see* Nolley, E. 1-39441
 Paul, D.W., Crawford, R.J. Ultrasonic moulding of plastic powders 1-51674
 Paul, E. *see* Aston, D. 1-14399, 1-45297, 1-50442
 Paul, E. *see* Costa, G. 1-23516
 Paul, E. *see* Di Gennaro, V. 1-5660
 Paul, E. *see* Evangelista, C. 1-23515, 1-45354
 Paul, G. *see* Kop'ev, I.M. 1-16718
 Paul, G.L. *see* Taylor, W. 1-8074
 Paul, H. The troposphere as a transmission medium for radio links 1-17644
 Paul, H. The Einstein Podolsky Rosen Paradox and local hidden-variables theories 1-36521
 Paul, H. Quantum-mechanical long-range correlations generated in optical beam-splitting 1-40670
 Paul, H. *see* Brunner, W. 1-29254
 Paul, H.S., Sridharan, K. The penny-shaped crack problem in micropolar thermoelasticity 1-1884
 Paul, I. *see* Stark, H. 1-32246
 Paul, I.L. *see* Radin, E.L. 1-17446
 Paul, J. *see* Prevot, L. 1-13846
 Paul, J.A. *see* Bignami, G.F. 1-36429
 Paul, J.A. *see* Caravco, P.A. 1-22865
 Paul, J.A. *see* Kanbach, G. 1-13792
 Paul, L.S. *see* Kowalczykowski, S.C. 1-8799
 Paul, M., Nicoli, D.F. Microcomputer-based laser Doppler velocimeter in marine biology 1-2113
 Paul, M. *see* McKeown, R.D. 1-28499
 Paul, M. *see* Sanders, S.J. 1-14503
 Paul, M.D. *see* Cohen, M.J. 1-16365
 Paul, M. *see* Saint Paul, M.G.
 Paul, N., Krishna Pillai, M.G. Dielectric studies of poly-p-toluidine films produced by the electrodeless glow discharge method 1-48008
 Paul, P. *see* Freeman, W.S. 1-5753
 Paul, P. *see* Self, S.A. 1-24866
 Paul, R. Applications of Padé approximants to correlation functions 1-9919
 Paul, R. Time-dependent response and autocorrelation functions within the Moyal dynamic description 1-44787
 Paul, R. *see* Zeminder, A.K. 1-21158
 Paul, S. *see* Zeminder, A.K. 1-21158
 Paul, S.K., Sharma, S.K., Kapoor, R.K. Calibration for studying microstructure of clouds sampled from an aircraft 1-32498
 Paul, S.K. *see* Selvam, A.M. 1-49372
 Paul, S.N., Bose, S.K. Effect of temperature on etching of LR-115 plastic track detector 1-51054
 Paul, S.O., Ford, T.A. Infrared spectroscopic studies of hydrogen bonded complexes of water with oxygen bases. I. Aliphatic and Alicyclic Ketones 1-51207
 Paul, S.O. *see* Heavyside, J. 1-52926
 Paul, W. *see* Anderson, D.A. 1-52561
 Paul, W. *see* Fromm, B. 1-2986
 Paul, W. *see* Kugler, K.-J. 1-10562
 Paul, W. *see* Modell, G. 1-3018
 Paul, W. *see* Oguz, S. 1-3517
 Paul, W. *see* Pascher, M.A. 1-29910
 Paul, W. *see* Paul, D.K. 1-52071
 Paul Yee Young *see* Young Paul Yee
 Paulavicius, R., Bikulcius, G., Salkauskas, M. Investigation into intermediate layer of metalised plastics. V. Mechanics of failure of interphase bond in metalised ABS-2020 plastic 1-16926
 Paulcau, Y. *see* Hantzpergue, J.J. 1-34818
 Paulcs, B. Evaluation and detailed design of a pilot plant for the cycle MARK 11 1-39841
 Paulot, P., Badila, P. The induction by laser light of the in vitro flowering of *Cichorium intybus* L. (long day plant) 1-8910
 Pualetta, G. *see* Ray, L. 1-41049
 Pualetta, G. *see* Wrickat, A. 1-23659
 Pauley, J.D. *see* Mast, R.T. 1-32335
 Pauli, E. *see* De Brion, J.P. 1-37066
 Pauli, G. *see* Cernigoi, C. 1-50657
 Pauli, H.-C. On the hydrodynamic limit of self-consistent field equations 1-10292
 Pauli, H.-C. *see* Mantzouranis, G. 1-5676
 Paulikas, A.P. *see* Lam, D.J. 1-31306
 Paulikas, A.P. *see* Veal, B.W. 1-31313
 Pauling, L. Superlattice phase of the spontaneous-fission isomer $^{240}\text{Am}^m$ 1-5689
 Pauliny-Toth, I. *see* Huchtmeier, W.K. 1-27582
 Pauliny-Toth, I.I.K. *see* Baath, L.B. 1-54655
 Pauliny-Toth, I.I.K. *see* Kreysa, E. 1-13872
 Pauliny-Toth, I.I.K. *see* Preuss, E. 1-13851
 Pauliny-Toth, I.I.K. *see* Veron, M.P. 1-49839
 Pauls, R. *see* Kohoutek, L. 1-27515
 Pauls, T., Wilson, T.L. Ammonia excitation: the absorbing cloud toward W3 (OH) 1-32737
 Pauls, T. *see* Downes, A.J.B. 1-27585
 Pauls, T. *see* Haslam, C.G.T. 1-32741
 Pauls, T. *see* Wilson, T.L. 1-27577
 Paulsen, A., Widera, R., Vaninbrouck, R., Liskien, H. Cross-section measurement for the reaction $^{10}\text{B}(n,\alpha)^{10}\text{B}^m$ 1-23654
 Paulsen, D.E. *see* Price, S.D. 1-9739
 Paulsen, E. *see* Barnett, L.W. 1-53604
 Paulsen, K. *see* Rehder, D. 1-21063
 Paulsen, H.M. *see* Kinney, J.A.S. 1-17379
 Paulson, M.R. *see* Aarons, J. 1-27338
 Paulsson, B. *see* Witherspoon, P.A. 1-806
 Paulson, J. Numerical calculations of the elastoplastic bending of plates 1-1846
 Paulon, J. Plastic incompressibility during large deformation 1-6786
 Paulus, H. *see* Hashimoto, M. 1-20175
 Paulus, M. Effect of homogeneity on sintering and the processes to improve it 1-16711
 Paulus, T.J. *see* Raudorf, T.W. 1-18971
 Paulusz, A.G. *see* Flint, C.D. 1-26262, 1-31200
 Pauly, H. *see* Huwel, L. 1-1309
 Paumier, J.L. *see* Burg, J.P. 1-23912
 Paumier, J.-P. *see* Bos, M. 1-49305
 Pautov, M. Photochemical selective activation for electroless metal deposition on nonconductors 1-17075
 Paus, R. *see* De Paus, R.
 Pausescu, E. *see* Grigoras, S. 1-1113
 Pauthé, J.J., Desjardins, D., Petit, M.C. Influence of the mechanical and electrochemical properties of austenitic and austenoferritic stainless steels on the propagation rate and shape of cracks under stress corrosion; analysis of the role of certain alloy constituents 1-26672
 Pauthenot, R. *see* Yamada, O. 1-52773
 Pautienus, R.P. *see* Mergerian, D. 1-1720
 Pautrat, J.L., Katircioglu, B., Magnea, N., Bensahel, D., Pfister, J.C., Revoll, L. Admittance spectroscopy: a powerful characterization technique for semiconductor crystals-application to ZnTe 1-12067
 Paw, E. *see* De Pauw, E.
 Paw, L.J. *see* van der Pauw, L.J.
 Pauwels, H.J. *see* Burgelman, M. 1-53608
 Pavan, A., Ricco, T., Rink, M. High performance polymer blends. I. The impact behaviour of blends of polyvinylchloride and acrylonitrile-butadiene-styrene terpolymers as a function of the composition of the (styrene-acrylonitrile) copolymer-butadiene rubber-polyvinylchloride system 1-2582
 Pavan, P. *see* Fasoli, U. 1-1047, 1-3614
 Pavao, A.C., Braga, M., Fazzio, A., Leite, J.R. Multiple scattering mass operator method for molecular orbital calculations 1-24019
 Pavaskar, N. *see* Kale, M. 1-25748
 Pavaskar, N. *see* Potdar, H.S. 1-53668
 Pavelek, N., Liska, M., Bock, V. A holographic interferometer for studying dynamically changing phase objects 1-10009
 Pavelets, S.Yu. *see* Kantaria, R.V. 1-30786
 Paven, H., Dobrescu, V. Model rheological equations of state in the linear viscoelasticity of polymeric composites 1-16827
 Paveri-Fontana, S.A. *see* Paiano, G. 1-5516
 Pavia, D. *see* Sheahan, N.F. 1-8981
 Pavin, D.B. *see* Keilin, V.E. 1-47795
 Pavin, N.Ya. *see* Kasatkin, B.A. 1-1795
 Pavinski, P.P., Kuznetsov, V.G. Calculation of higher harmonics for Coulomb potential of crystal. I. Cubic harmonics of the point symmetry group O_h 1-2381
 Pavinski, P.P. *see* Kuznetsov, V.G. 1-40727
 Pavlenko, A.V. Application of an asymptotic method to a three-dimensional problem of elasticity theory for composite materials 1-14014
 Pavlenko, N.P. *see* Pugin, V.S. 1-39537
 Pavlenko, O.P., Steshenko, A.I. Geometrical characteristics of the ^6Be nucleus in the alpha-cluster model 1-28378
 Pavlenko, V.P., Weiland, J. Nonlinear magnetic islands and anomalous electron thermal conductivity 1-38063
 Pavlenko, V.P. *see* Nakach, R. 1-42169
 Pavlicek, W. *see* Meaney, T.F. 1-43989
 Pavlichenko, O.S., Tereshin, V.I. Works on plasma diagnostics in KhPTI 1-19966
 Pavlichenko, O.S. *see* Kornienko, V.P. 1-29851
 Pavlichenko, I.M. Quantum theory of the non-symmetrical top 1-40677
 Pavlik, J., Mastihuba, M., Sajgalik, P. The forming network as the rectangular current pulse supply for the explosion of a thin wire 1-52003
 Pavlina, V.S. Calculating the residual stresses in determining the optimum conditions for diffusion impregnation 1-35411
 Pavlina, V.S. *see* Maksimovich, G.G. 1-35331
 Pavlinov, L.V., Gladyshev, A.M., Sugonyaev, V.N. Studies on diffusion of cobalt in austenitic chromium-nickel steels OKH16N15M3B and 1Kh18N10Ti 1-28600
 Pavlinskii, G.V. *see* Shashilov, V.P. 1-21292
 Pavlis, G.L., Booker, J.R. The mixed discrete-continuous inverse problem: application to the simultaneous determination of earthquake hypocenters and velocity structure 1-9103
 Pavlis, T.L., Smith, R.B. Slip vectors on faults near Salt Lake City, Utah, from Quaternary displacements and seismicity 1-49213
 Pavlo, P. *see* Klima, R. 1-29876
 Pavlov, V.Y. *see* Derzhanski, A. 1-48968
 Pavlopoulos, P. *see* Izycki, M. 1-1419, 1-1420
 Pavlopoulos, P. *see* Schwaner, L. 1-15041
 Pavloschuk, V.A. *see* Prikhod'ko, A.F. 1-39123
 Pavlov, A.M. *see* Fedorov, K.N. 1-54274
 Pavlov, A.N., Prosdavov, S.A., Vedrinskii, R.V. Combined analysis of Auger chemical shifts and photoelectron lines 1-19069
 Pavlov, A.N. *see* Vedrinskii, R.V. 1-37114
 Pavlov, A.V. Thermal diffusion in the upper atmosphere of Mars and Venus 1-54406
 Pavlov, D., Papazov, G. Zone processes at the formation of the lead acid battery positive plate 1-21870

- Pavlov, D. see Papazov, G. 1-53575
- Pavlov, D.V. see Bessarab, A.V. 1-42189
- Pavlov, E.G. Optimal control of a perfectly conducting compressible fluid column 1-15507
- Pavlov, G.A., Fortov, V.E., Ovchinnikov, A.A. Critical phenomena in the motion of low-temperature plasma 1-24956
- Pavlov, G.A. see Mintsev, V.B. 1-29850
- Pavlov, G.G., Mitrofanov, I.G., Shibanov, Yu.A. The radiation of a hot magnetized plasma accreted by degenerate stars with a strong magnetic field 1-22834
- Pavlov, G.G., Shibanov, Yu.A., Yakovlev, D.G. Quantum effects in cyclotron plasma absorption 1-22673
- Pavlov, I.E. Phase composition of the products formed in the explosion of cubic phases TiH_m , TiO_2 , and TiC_2N_2 by electric current pulses 1-30167
- Pavlov, K.B., Fedotov, N.A., Shirshov, A.A. On the theory of flow of an incompressible viscous fluid in a channel of arbitrary section 1-51869
- Pavlov, L.E., Sil'vestrov, S.V. Sensitivity measurement and check of piezoelectric transducers at low frequencies [in hydroacoustic measuring devices] 1-6736
- Pavlov, L.S. see Mitov, I.P. 1-13330
- Pavlov, N.I. Moisture content of the troposphere in the typhoon zone 1-22471
- Pavlov, N.M. see Andrianov, D.G. 1-20971
- Pavlov, P.A. see Mulyukov, R.R. 1-52369
- Pavlov, P.V., Zorin, E.I., Tetelbaum, D.I. Ion doping of gallium arsenide 1-25313
- Pavlov, R.A. see Mel'nichuk, I.V. 1-38434
- Pavlov, S.A., Frolov, F.Ya., Lepeshkin, A.M., Bruk, M.A. Vacuum thermal balance with remote transmission of the readings for operation in a field of ionizing radiation 1-44887
- Pavlov, S.T. see Trallero Giner, K. 1-21211
- Pavlov, S.V. see Dunaev, V.V. 1-2237
- Pavlov, V.A. Application of intracavity laser spectroscopy in a study of shock waves 1-352
- Pavlov, V.G. Three-dimensional self-similar laminar boundary layer with longitudinal and transverse pressure gradient 1-15470
- Pavlov, V.G. see Ovchinnikov, V.A. 1-24764
- Pavlov, V.I. see Kalnin'sh, D.O. 1-14646
- Pavlov, V.N. see Azbukin, V.G. 1-35442
- Pavlov, V.N. see Melekhov, R.K. 1-31750
- Pavlov, V.P., Gerchev, St.Ya. Heating of parallel-pipeds with boundary conditions of the third kind 1-15363
- Pavlov, V.S. see Danilyan, G.V. 1-50678
- Pavlov, V.S. see Rudenko, V.P. 1-35448
- Pavlov, Yu.M., Potekhin, S.A., Frolova, G.M. Study of the mechanism of helium boiling with the aid of high-speed filming 1-3771
- Pavlov-Verevkin, V.B. see Ischenko, S.Ya. 1-51093
- Pavlova, A.I. see Gusarskii, V.V. 1-21807
- Pavlova, E.K. see Chernykh, O.V. 1-40797
- Pavlova, G.A., Latysheva, E.I., Romanov, V.N. Stabilization time of quartz glasses and devitrified glasses and the effect of hard radiation on their properties 1-30279
- Pavlova, G.A. see Amatuni, A.N. 1-15380
- Pavlova, I.P. see Priss, L.S. 1-43393
- Pavlova, L.I. see Chadaeva, E.V. 1-27285
- Pavlova, N.N., Ivanov, A.M., Yushkov, A.V., Toktarov, K.A. Some regularities in the isotopic shape variations of light, medium, and heavy nuclei 1-28377
- Pavlova, S.-S.A., Timofeeva, G.I., Ronova, I.A. Dependence of the conformational parameters of polyimides on the chemical structure of the chain 1-15050
- Pavlova, T.M. see Bogomolov, V.N. 1-2978
- Pavlova, V.M. see Avdeuskii, V.S. 1-9396
- Pavlova, V.V. see Strelyuk, M.I. 1-33596
- Pavloric, M., Hendekovic, J. Complex configuration mixing method 1-33384
- Pavloric, M. see Hendekovic, J. 1-33385
- Pavloric, M.I., Milojevic, D.Z. A variational approach to the problem of stationary laminar convection with dissipation in the variable property fluid 1-37906
- Pavlovich, V.N. Concentration dependence of the diffusion coefficient 1-2703
- Pavlovich, V.S., Pikulik, L.G., Pershukovich, P.P. Use of a fluorescent probe in the investigation of dipolar orientational relaxation in polar liquids and glasses 1-16600
- Pavlovskaya, E.D., Suchkov, A.A. Galactic spiral structure parameters: error estimates by numerical experiments 1-13860
- Pavlovskaya, E.D. see Karimova, D.K. 1-54524
- Pavlovskaya, V.V. see Aleksandrov, Yu.A. 1-5634
- Pavlovskii, A.I. see Druzhinin, V.V. 1-26041
- Pavlovskii, K. see Harmanec, P. 1-9527
- Pavlovskii, K. see Kriz, S. 1-40529
- Pavlovskii, A.I., Bosamykin, V.S., Savchenko, V.A., Klement'ev, A.P., Morunov, K.A., Nikol'skii, V.S., Gerasimov, A.I., Tananakin, V.A., Basmanov, V.F., Zenkov, D.I., Seleznev, V.D., Fedotkin, A.S. The LIU-10 high-power electron accelerator 1-18931
- Pavlovskii, A.I., Kolokolchikov, N.P., Tatsenko, O.M., Bykov, A.I., Dolotenko, M.I., Karpikov, A.A. Reproducible generation of multi-mega-gauss magnetic fields 1-33026
- Pavlovskii, F.A. see Berezin, V.M. 1-37057
- Pavlovskii, V.S., Pelikh, M.O. Vibratory motion and localisation of gas bubbles in a cylindrical vessel with two-layered fluid 1-15533
- Pavlovskiy, V.I. see Glaznev, V.N. 1-9280
- Pavlushina, G.M. see Velikodnyi, L.N. 1-53356
- Pavlushkin, N.M., Sarkisov, P.D., Orlova, L.A., Tishchenko, O.A. New glass compositions for glass-crystallite 1-12713
- Pavlushkin, N.M. see Khodakovskaya, R.Ya. 1-52829
- Pavlygin, G.N. see Zavarov, A.N. 1-33635
- Pavlyuchenko, N.M. see Gulyanitskaya, Z.F. 1-31434
- Pavlyuk, A.A. see Gulev, V.S. 1-46357
- Pavlyuk, A.A. see Kaminskii, A.A. 1-31167
- Pavlyuk, M.F. see Freik, D.M. 1-38782
- Pavlyukov, A.A. see Arbutov, M.P. 1-20131, 1-31508
- Pavlyukov, A.K., Kholopov, G.K. Using the IKS-22 spectrophotometer to measure the spectral emissivity coefficient of materials 1-36747
- Pavlyukovich, P.A. see Naumov, V.A. 1-18736
- Pavsic, M. Towards understanding quantum mechanics, general relativity and the tachyonic causality paradoxes 1-36544
- Pavsic, M., Schara, M. Motional freedom of the acetylcholinesterase-active-site-bound spin labels 1-41408
- Pawar, S.H. see Mulla, M.R. 1-30906, 1-39134
- Pawel, R.E., Campbell, J.J. The interaction of stress and mechanical property effects during oxidation of tantalum base alloys 1-16970
- Pawel, R.E., Campbell, J.J. The observation of effects of finite specimen geometry on the oxidation kinetics of Zircaloy-4 1-21631
- Pawelek, A. see Korbel, A. 1-47148
- Pawelski, M.J. see Mitchell, J.W. 1-21917
- Pawelski, O., Gopinathan, V., Hagedorn, K.E. The relation between impact strength and lateral expansion of steels with about 400 to 800 N/mm² yield point 1-43406
- Pawelski, O., Kaspar, R., Peichl, L. Steigerung der Leistung von Umformanlagen durch Erforschung des Werkstoffverhaltens bei hohen Temperaturen und extremen Umformgeschwindigkeiten (Increase in the performance of deformation devices by research into material behaviour at high temperatures and extreme deformation rates) 1-53396
- Pawka, S.S., Hsiao, S.V., Shemdin, O.H., Inman, D.L. Comparisons between wave directional spectra from SAR and pressure sensor arrays 1-13479
- Pawka, S.S. see Vesceky, J.F. 1-13478
- Pawlewicz, W.T., Busch, R., Hays, D.D., Martin, P.M., Laegreid, N. Reactively sputtered optical coatings for use at 1064 nm 1-37572
- Pawlewicz, W.T., Hays, D.D., Martin, P.M. High band gap oxide optical coatings for 0.25 and 1.06 μm fusion lasers 1-19395
- Pawley, G.S. EDINP, the Edinburgh powder profile refinement program 1-29973
- Pawley, G.S., Dolling, G., Powell, B.M., Torrie, B.H. The lattice modes of CS_2 and neutron scattering selection rules 1-47178
- Pawley, G.S. see Natkaniec, I. 1-2575
- Pawley, G.S. see Powell, B.M. 1-34430
- Pawley, G.S. see Schmelzer, U. 1-47186
- Pawley, J.B., Hayes, Th.L. Early use of colour-modulation SEM 1-23372
- Pawley, J.B., Hook, G., Hayes, T.L., Lai, C. Direct scanning electron microscopy of frozen-hydrated yeast 1-23381
- Pawley, J.B. see Wergin, W.P. 1-22176
- Pawlicki, A.J. see Cohen, D. 1-33200
- Pawlicki, A.J. see Dankowich, J.A. 1-50460
- Pawlicki, A.J. see Wicklund, A.B. 1-5644
- Pawlik, B. see Abramowicz, H. 1-45378
- Pawlik, B. see Eskreys, A. 1-594
- Pawlik, B. see Kijowski, J. 1-14017
- Pawlikowski, J.M. Photo-carrier distributions in graded-gap semiconductors 1-38810
- Pawlikowski, J.M. see Kaczmarek, K. 1-34718
- Pawlina, A. see Attisani, A. 1-22377
- Pawliw, J. see Gaces, M. 1-50780
- Pawlowa, M., Nowakow, P., Draganowa, M. Water resistant polyurethane sealing compounds based on transesterified castor oil 1-39303
- Pawlowski, A., Ciach, R. The influence of the degree of microsegregation on ageing effect of the Al-4.5 wt.% Mg alloy 1-16805
- Pawluczyk, R. see Mroz, E. 1-19289
- Pawson, D. see Harris, R.K. 1-26045
- Paxton, M.M., Chin, B.A., Gilbert, E.R. The in-reactor creep of selected ferritic, solid solution strengthened, and precipitation hardened alloys 1-21513
- Paya, D. Rotational bands in intermediate structure 1-50683
- Paya, D. see Gerschel, C. 1-45519
- Payatakes, A.C., Gradon, L. Dendritic deposition of aerosols by convective Brownian diffusion for small, intermediate and high particle Knudsen numbers 1-2070
- Payling, R. see McLaren, A.C. 1-13058
- Payne, B.T. see Bell, K.W. 1-6101, 1-37063
- Payne, D.A. see Grandin de l'Eprevier, A. 1-35160
- Payne, D.A. see Olsen, R.B. 1-16531
- Payne, D.B. see Millar, C.A. 1-11155
- Payne, D.G. see Blandford, R.D. 1-54366
- Payne, D.N. see Conduit, A.J. 1-11145
- Payne, D.N. see Hadley, M.R. 1-11207
- Payne, D.N. see Sasaki, I. 1-11142
- Payne, F.R. see Wadia, A.R. 1-42010
- Payne, G.L. Graphs of three-body wave functions 1-50523
- Payne, G.N. A high-voltage high-frequency deflection amplifier [microscopes] 1-397
- Payne, H.E., Salpeter, E.E., Terzian, Y. Neutral hydrogen emission-absorption observations of high-velocity clouds 1-9615
- Payne, J.F.B. Prediction of metal wastage produced by sodium-water reaction jets 1-10452
- Payne, J.P., Bushman, J.A. (editor) Artificial ventilation. Technical biological and clinical aspects 1-17951
- Payne, M.G., Garrett, W.R., Baker, H.C. Effects of collective emission on multiphoton excitation and ionization near a three-photon resonance 1-10703
- Payne, M.G. see Chen, C.H. 1-10049
- Payne, M.G. see Hurst, G.S. 1-1412
- Payne, P.R. Jet thickness in high-speed two-dimensional planing 1-29745
- Payne, R. Voltage noise accompanying chemically-induced depolarization of insect photoreceptors 1-48985
- Payne, R.E., Smith, W. Spectra of frequency counting digitization errors 1-23143
- Payne, S.G. see Tindle, C.T. 1-11236
- Payne, W.A. see Michael, J.V. 1-31838, 1-35523
- Payne, W.A. see Stief, L.J. 1-4064
- Payre, P. see Altkofer, O.C. 1-45773
- Payre, P. see Aubert, J.J. 1-5630
- Payten, W.J. see Sequist, E.R. 1-22819
- Paz, J.F. de Paz, J.F. Solar cell grid resistance measurement 1-14137
- Paz Andrade, M.I. see Kehiaian, H.V. 1-47253
- Pazdera, F., Kunt, J. A computer program for thermomechanical modelling of light water reactor fuel rods and its evaluation 1-5899
- Pazdur, M.F. Radiocarbon: a universal isotope 1-54278
- Pazera, A.A. see Gaidots, V.I. 1-16316
- Pazhin, Yu.F. see Vaitovskiy, V.K. 1-51023
- Pazin, A.V. Features of calculation of the physico-chemical properties of glasses in binary systems 1-42308
- Pazman, A. Mathematical models of experiments: new approaches and optimization 1-23152
- Pazyinin, L.A., Sologub, V.G. Radiation of a point charge, moving at a constant velocity along the axis of a circular opening in a planar shield 1-15058
- Pazyuk, V.S. see Bashkin, A.S. 1-51508
- Pazzi, G.P. see Bacci, M. 1-8122
- Pazzi, G.P. see Simkin, D.J. 1-48164
- Pazzi, R. see Allasia, D. 1-23495
- Pechin, V.A. see Konkberg, B.M. 1-45556
- Pechin, V.A. see Zelenkov, A.G. 1-28418
- Pechkins, L.V. see Nikulin, G.Z. 1-51842
- Peace, G.W. see Franks, J. 1-16688
- Peacher, J.L. see Aldag, J.E. 1-46103
- Peachy, C.J., Arnold, L.J., Hackwell, G.B., Smith, A. Multiway optical cable system 1-46569
- Peacock, J. see Manzo, G. 1-23935
- Peacock, J.A., Perryman, M.A.C., Longair, M.S., Gunn, J.E., Westphal, J.A. Investigation of the optical fields of flat-spectrum radio sources to faint limiting magnitude 1-44656
- Peacock, J.A., Wall, J.V. Bright extragalactic radio sources at 2.7 GHz. I. The northern hemisphere catalogue 1-36201
- Peacock, L.A. see Fuchs, R. 1-53451
- Peake, W.H., Meadors, J.G., Poirier, M.A. Laser-induced transient excitation of conducting targets 1-39187
- Pealat, M. see Attal, B. 1-13012
- Peale, S.J., Cassen, P., Reynolds, R.T. Tidal dissipation, orbital evolution, and the nature of Saturn's inner satellites 1-4818
- Peale, S.J. see Cassen, P. 1-36210
- Peano, A. see Donida, G. 1-33331
- Peapoll, P.N. see Loosemore, G.R. 1-31775, 1-33278
- Peaple, L.H.J. see White, D.R. 1-43893
- Pear, M.R., Northrup, S.H., McCammon, J.A. Diffusional correlations in polymer dynamics 1-24300
- Pear, M.R. see Northrup, S.H. 1-8805
- Pearce, B.P. see Ganah, T. 1-8298
- Pearce, C.W. see Wen Lin 1-16680
- Pearce, D. Energy conservation and official UK energy forecasts 1-13109
- Pearce, D. see Lawden, M.D. 1-27395
- Pearce, G.F. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Pearce, G.F. see Bartel, W. 1-18500, 1-45253, 1-45254

- Pearce, G.F. *see* Olsson, J. 1-14769
- Pearce, G.F. *see* O'Neill, L.H., Jr. 1-50443
- Pearce, J.B. *see* Kaiser, M.L. 1-40414
- Pearce, J.W., Edmonds, P.H. A calorimeter for pulsed energy sources 1-6003
- Pearce, P. *see* Fiander, D.C. 1-28761
- Pearce, P.R. *see* Knight, D.J.E. 1-36631
- Pearce, R. *see* Pains, M.J. 1-3797
- Pearce, R.G. Complex P waveforms from a Gulf of Aden earthquake 1-32374
- Pearce, S.J. *see* Barker, S.L. 1-14212
- Pearce, W.A. Inference of scatterer size distribution from single scattering matrix data 1-6486
- Pearson, L.G. *see* Ziolkowski, A.M. 1-54263
- Pearle, J.L. *see* Lopata, M. 1-22038
- Pearlman, D., Reithel, R.F., Eastman, D.R., Urbach, F. Silver halide emulsions prepared from sprayed molten silver halides. II. The photographic effects of cationic and anionic addenda 1-10042
- Pearlman, D., Reithel, R.F., Urbach, F. Silver halide emulsions prepared from sprayed molten silver halides. I. Preparation of spraying system and photographic materials 1-10041
- Pearlstein, A.J. Effect of rotation on the stability of a doubly diffusive fluid layer 1-51736
- Pearman, G.I., Hyson, P. Activities of the global biosphere as reflected in atmospheric CO₂ records 1-13527
- Pearman, G.I. *see* Hyson, P. 1-13526
- Pearsall, K.J., Eliezzer, Z. The effect of sliding time and speed on the wear of composite materials 1-39473
- Pearsall, T.P. Alloy scattering effects and calculated mobility in n-type Ga_{0.47}In_{0.53}As 1-42791
- Pearsall, T.P., Piskorski, M., Brochet, A., Chevrier, J. A Ga_{0.47}In_{0.53}As/InP heterophotodiode with reduced dark current 1-45013
- Pearsall, T.P. *see* Hermann, C. 1-47459
- Pearson, A.D. Hydrozoyl contamination of optical fibers and its control in the MCVD process 1-11201
- Pearson, C.E. A numerical method for shallow water motion onto a beach 1-24831
- Pearson, D.B. *see* Bjorkholm, J.E. 1-46170
- Pearson, D.E. A three-stage process for the evaluation of image quality 1-8875
- Pearson, G.G. Dedicated intelligent fault detection system for neutral injection heating on the PLT and PDX Tokamaks 1-10536
- Pearson, J.B., Kwan, J., Ahlborn, B.A. Electrical power extraction from standing shock waves 1-29878
- Pearson, J.S. *see* Abramowicz, H. 1-45378
- Pearson, J.S. *see* Ko, W. 1-10263
- Pearson, K.G. *see* Shires, G.L. 1-33288
- Pearson, L. *see* Hansen, W.N. 1-31220
- Pearson, O.L. Modification of a very large test chamber for plasmasphere simulation 1-13633
- Pearson, P.R. *see* Wood, J.D.L.H. 1-46380
- Pearson, R.B. Number theory and critical exponents 1-5266
- Pearson, R.B. Conjecture for the extended Potts model magnetic eigenvalue 1-9944
- Pearson, R.B. *see* Kogut, J.B. 1-23428
- Pearson, R.P. *see* Kogut, J.B. 1-28183
- Pearson, T.D.L. *see* Mandal, K. 1-3454
- Pearson, T.J. *see* Wall, J.V. 1-27628
- Pearson, W.B. Dimensional analysis of interstitial phases with the AlCr₃C structure 1-2351
- Pearson, W.B. The calculation of unit cell dimensions of metallic phases from atomic diameters 1-34290
- Pearson, W.B. Dimensional analysis of the crystal structures of intermetallic phases 1-38332
- Pearson, W.B. Dimensional analysis of phases with the Al₁₅β-W structure 1-52107
- Pearson, D.C.G. The reduction by computer of photoplate data obtained by spark-source mass spectrometry 1-14208
- Pease, D.M. *see* Cordis, B. 1-26307
- Pease, P.L. Resource letter CCV-1: color and color vision 1-22965
- Pease, R.L. Diphotanline collinearity and lepton masses 1-36855
- Peat, T.S. *see* Blitz, J. 1-35477
- Peatman, W., Weiner, E.W. Measurements of shock wave flight times in long pipes 1-6710
- Peau, S., Winkler, R. Diffusion-determined positive column plasma in neon low-pressure discharge at average ionisations of 10⁻⁸ to 10⁻³ 1-42221
- Febler, A., Sweeney, G.G. Investigations of corrosion layers on mild steel with a direct imaging mass spectrometer 1-31766
- Peccei, R.D. *see* Chikashige, Y. 1-23453, 1-28261
- Peccei, R.D. *see* Guberina, B. 1-10219
- Pecci, F. *see* Fusi, P. 1-20229
- Pecceud, L. *see* Gonchond, J.P. 1-20229
- Pecelli, G. *see* Churchill, R.C. 1-83
- Pech, P. *see* Chicherov, V.M. 1-25028
- Pech, P. *see* Hildebrandt, D. 1-26783
- Pech, P. *see* Hildebrandt, D. 1-42214
- Pech, R. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Pech, R. *see* Blitsch, J. 1-10190
- Pech, R. *see* Fritze, P. 1-14431
- Pech, R. *see* Grassler, H. 1-50414
- Pechenick, K.R., Cohen, J.M. Exact class of inverse scattering solutions 1-49979
- Pechenin, Yu.V., Domanov, M.S. Lasers utilizing CO₂ isotopes 1-51448
- Pechenkin, V.A., Strokova, A.M. Effect of vacancy mobility on the formation rate of vacancy pores in irradiated metals 1-25321
- Pechenov, A.N. *see* Nasibov, A.S. 1-6577
- Pechenov, A.N. *see* Zverev, A.G. 1-51491
- Pechenyi, A.P., Bliznyuk, V.N., Tkachenko, V.D., Frantsevich, I.N. Electron spin resonance of Mn²⁺ in partly reduced rutile 1-21041
- Pechenyi, A.P. *see* Bliznyuk, V.N. 1-52836
- Pecherskaya, V.I., Bol'shutkin, D.N., Il'ichev, V.Ya. Electrical and galvanomagnetic properties of Fe-18Cr-(10-25)Ni alloys at low temperatures 1-2942
- Pecherski, R.B. A note on relation of microscopic observations to macroscopic viscoplastic properties of BCC crystals 1-35329
- Pecheva, M. *see* Pershev, P. 1-26412
- Pecheva, M. *see* Peshev, P. 1-3681
- Pechhold, W.R., Grossmann, H.P. Meander model of condensed polymers 1-30025
- Pechkovskii, V.V. *see* Strugach, L.S. 1-15809
- Pechukurov, V.A. *see* Akimov, Yu.K. 1-37059
- Pechlauer, E. Force in static general relativity 1-134
- Pechmann, J.C. *see* Whitcomb, J.H. 1-13381
- Pecile, C. *see* Bozio, R. 1-25631, 1-42481, 1-52955
- Peck, C. *see* Partridge, R. 1-10207, 1-18483
- Peck, E.L. Design of precipitation networks 1-32484
- Peck, S.D. *see* Parmer, J.F. 1-48871
- Peck, W.G. Distributed computing for optical design 1-46499
- Peckerar, M.C. *see* McCann, D.M. 1-5388
- Pechman, P.H. *see* Crago, P.E. 1-26919
- Peckinpugh, C.L., Farabee, O.A. FFTF reactor system testing program results and overview 1-18768
- Peckover, R.S., Adlam, J.G., Turland, B.D. On the effects of cracks within sacrificial bed material on the growth of molten pools 1-5885
- Peckover, R.S. *see* Turland, B.D. 1-5874
- Pecora, L.M., Paul, D.I. A method for the calculation of the magnetization of random high anisotropy amorphous materials 1-3150
- Pecqueur, M. Meeting the energy challenge. No to fatalism 1-31973
- Pecseli, H.L., Armstrong, R.J., Trulsen, J. Experimental observations of ion phase-space vortices 1-38148
- Pecseli, H.L. *see* Karpman, V.I. 1-6960
- Pecseli, H.L. *see* Lynov, J.P. 1-19953
- Pecul, K. Calculation of the valence-repulsion energy using approximate molecular orbitals fitted with the intermolecular overlap factor 1-14970
- Pedan, A.G. *see* Kulik, I.O. 1-12224
- Pedan, L.G. *see* Movchan, V.I. 1-8499
- Pedash, V.F. *see* Blagoy, P. 1-14806
- Peddicoord, K.L. *see* Guidotti, T.E. 1-10422
- Peddicoord, K.L. *see* Montgomery, S.D. 1-45611
- Peddicoord, K.L. *see* Oylear, J.M. 1-5944
- Pedersen, A. Evaluation of the effect of surface defects on breakdown in strongly electronegative gases or gas mixtures 1-19994
- Pedersen, A. *see* Crichton, G.C. 1-11504
- Pedersen, A. *see* Shepherd, G.G. 1-9313
- Pedersen, D.R. *see* Crowninshield, R.D. 1-22046
- Pedersen, D.R. *see* Miles, K.J. 1-43635
- Pedersen, E.J., Vold, R.L., Vold, R.R. Nuclear relaxation and molecular motion of pyridine-N-oxide in carbon tetrachloride 1-24170
- Pedersen, E.K. *see* Mair, I.W.S. 1-26912
- Pedersen, H., Prenosil, J.E. Gas absorption in laminar falling films with first order homogeneous reaction and gas phase mass transfer resistances 1-39674
- Pedersen, H. *see* van Paradijs, J. 1-44670
- Pedersen, H. *see* Vogt, N. 1-54506
- Pedersen, H.J. *see* Scott, J.C. 1-30909
- Pedersen, H.M. Method for interferometric vibration measurement in presence of random path length fluctuations 1-40841
- Pedersen, J.G. On the existence of stimulus-event relations for sensory neurons: a statistical method 1-26908
- Pedersen, K., Boyum, G. Turbulent flux of heat and water vapor from the ocean 1-36043
- Pedersen, L.B. *see* Jacobsen, B.H. 1-22218
- Pedersen, M.A. *see* Bannister, R.W. 1-37666
- Pedersen, N.F. *see* Soerensen, O.H. 1-16411
- Pedersen, O.B. Thermoelasticity and plasticity of composite materials 1-48455
- Pedersen, O.B. *see* Rasmussen, K.V. 1-8403, 1-31569
- Pedersen, P.C. Application of transmission ultrasound in study of lung tissue 1-13301
- Pedersen, S.A., Oster-Jorgensen, E., Schoubye, J. Hepatobiliary scintigraphy with ^{99m}Tc-HIDA and ^{99m}Tc-sulphur colloid. Comparison of the abilities to demonstrate biliary obstruction and hepatic metastases 1-4359
- Pedersen, T.E., Verhoeven, J.D. The yttrium-rich side of the yttrium-niobium-titanium system 1-21423
- Pederson, B.O. *see* Thome, R.J. 1-48880
- Pederson, L.R., Thomas, M.T. Characterization of new and degraded mirrors with AES, ESCA and SIMS 1-11065
- Pederson, L.R. *see* Daniel, J.L. 1-21847
- Pedicelli, L. *see* Cannella, G. 1-26703
- Pedlar, A. *see* Hart, L. 1-27591
- Pedlar, A. *see* Roger, R.S. 1-54586
- Pedley, T.A. Interictal epileptiform discharges: discriminating characteristics and clinical correlations 1-21998
- Pedley, T.J. The interaction between stirring and osmosis 1-1-39678
- Pedlosky, J. The nonlinear dynamics of baroclinic wave ensembles 1-46762
- Pedlosky, J., Frenzen, C. Chaotic and periodic behavior of finite-amplitude baroclinic waves 1-22403
- Pednekar, S., Smialowski, S. The effect of prior cold work on the degree of sensitization in Type 304 stainless steel 1-43575
- Pedotti, A. Techniques for the analysis of motor performances for clinical assessment 1-53814
- Pedotti, A. *see* Boccardi, A. 1-53938
- Pedotti, A. *see* Grandori, F. 1-8885
- Pedroero, P. *see* Sanz, J. 1-36627
- Pedrielli, A. *see* Bostick, W.H. 1-34060
- Pedriani, C., Jacquier, B. Fluorescence of Cu⁺ in NaCl single crystals 1-3455
- Pedriani, C., Pagost, P.O., Madej, C., McClure, D.S. Photoconductivity due to autoionisation of Ce²⁺ in CaF₂, SrF₂ and BaF₂ 1-52600
- Pedrocchi, V.G. *see* Tamura, T. 1-50532
- Pedroni, F. *see* Boldori, P. 1-41202
- Pedroso, F. *see* Alcazar, L. 1-11740
- Pedrotti, F.L., Yeo, Y.K., Ehret, J.E., Park, Y.S. Dual implantation of Ga and Ge into GaAs 1-38394
- Pedrotti, F.L. *see* Yeo, Y.K. 1-38395
- Pedrys, R. *see* Dabrowski, P. 1-46079
- Pedull, G.F. *see* Alberti, A. 1-24178
- Peebles, D. *see* Ozaki, M. 1-2981
- Peebles, P.J.E. Large scale clustering in the Universe 1-9692
- Peebles, P.J.E. Large-scale fluctuations in the microwave background and the small-scale clustering of galaxies 1-54665
- Peebles, P.J.E. *see* Dicke, R.H. 1-22937
- Peebles, P.J.E. *see* Seldner, M. 1-36427
- Peebles, W.A. *see* Brower, D.L. 1-46400
- Peech, J.M. *see* Raychaudhuri, A.K. 1-16002
- Peehs, M. *see* Artin, J. 1-5878
- Peek, H.L. *see* Linssen, A.J. 1-38388
- Peel, J.W., Levin, G.B. Managing low-level wastes: a proposed approach 1-45710
- Peel, M.E. Evaluation of tin lead as a contact finish 1-43642
- Peelen, J.G.J., Versluis, J.W. Pilot plant production of optical fibres 1-1732
- Peeler, G.B., Laats, E.T. FRAP-TS predictions during reactor shutdown events 1-5945
- Peeler, G.B., Laats, E.T., Chambers, R. FRAP-TS response to sinusoidal power variations 1-45682
- Peemoeller, H., Pinkar, M.M. Two-dimensional time-evolution approach for resolving a composite free-ionization decay 1-43030
- Peery, P.S., Land, C.E. Ion-implanted PLZT ceramics: a new high-sensitivity image storage medium 1-15241
- Peery, P.S., Land, C.E. A model for ion-implantation-induced improvements of photoelectric imaging in lead lanthanum zirconate titanate ceramics 1-38805
- Peery, P.S. *see* Arnold, G.W. 1-30081
- Peery, P.S. *see* Stein, H.J. 1-34379
- Peerdeman, S.A.G., Trappeniers, N.J., Schouten, J.A. Temperature coefficients of the bismuth II-II and the bismuth II-III transition pressures from 20 to 175°C 1-2613
- Peery, K.M., Forester, C.K. Numerical simulation of multistream-nozzle flows 1-46797
- Peeters, D., Leroy, G., Rosoux-Clarisse, F. Localized orbitals techniques for ground state calculations on polymers 1-19228
- Peeters, F.M., Devreese, J.T. Nonlinear conductivity in polar semiconductors: alternative derivation of the Thornber-Feynman theory 1-47667
- Peeters, H. *see* Goller-Walland, C. 1-52921
- Peeters, P. *see* Barth, M. 1-41018, 1-45377
- Peeters, P. *see* De Clercq, C. 1-28346
- Peet, G. Oscillating flow in a tube with formation of a boundary layer of solvent 1-51825
- Pegg, D.J. *see* Compton, R.N. 1-19062
- Peggs, G.N. Secondary-standard gauges for accurate pressure measurement up to about 1 GPa 1-5275
- Peggs, G.N. A review of the fundamental methods for measuring gauge pressures up to 1 kPa 1-18240
- Peghaire, A. *see* Bastin, G. 1-604
- Pegushin, E.V. *see* Ganenka, V.B. 1-2542
- Peguy, A. *see* Chanzy, H. 1-36691
- Pehaie, A. *see* Liang, C.F. 1-18598
- Pehlivanian, E., Mermet, J.M., Robin, J. Analysis of trace elements in biological fluids with an inductively coupled argon plasma 1-40031
- Pehlke, R.D. *see* Wada, H. 1-2643

- Pei Rongxiang, Hong Xiaoyin, Jin Weixian, Zhou Qi. Wu Weiping Studies on development-free vapor photolithography 1-23332
- Pei-cai Yang see Yang Pei-cai
- Pei-Juan Gao see Gao Pei-Juan
- Pei-lin Zhang see Zhang Pei-lin
- Pei-qun Zang see Zang Pei-qun
- Pei-Ran Chen see Chen Pei-Ran
- Pei-rong Yi see Yi Pei-rong
- Pei-Ruo Shen see Shen Pei-Ruo
- Pei-wen Ge see Ge Pei-wen
- Pei-Wen Shen see Shen Pei-Wen
- Pei-yi Shu see Shu Pei-yi
- Pei-you Xue see Zhong-q Ma 1-50359
- Pei-You Xue see Xue Pei-You
- Pei-zhang Jia see Jia Pei-zhang
- Pei-Zhi Jiang see Jiang Pei-Zhi
- Peichl, L. see Pawelski, O. 1-53396
- Peiffer, D.G. Intramolecular mobility and its role in the glass transition temperature of ionic polymers 1-25414
- Peiffer, D.G. Preparation and properties of high modulus-tensile strength polymeric materials 1-31503
- Peigin, S.V. see Gershbein, E.A. 1-19669
- Peigneux, J.P. see David, V.A. 1-1023
- Peimbert, M., Serrano, A. On the helium and nitrogen enrichment of the interstellar medium by planetary nebulae 1-54599
- Peimbert, M. see Torres-Peimbert, S. 1-4971
- Peinl, R.D. see Engin, A.E. 1-49084
- Peinel, G., Frischleder, H., Birnstock, F. The electrostatic molecular potential—a tool for the prediction of electrostatic-molecular interaction properties 1-46058
- Peiponen, K.-E. Kramers-Kronig relations for the quantized dielectric function of color centers 1-3359
- Peirson, D.H. see Cambray, R.S. 1-13205
- Peisakhovich, Yu.G. see Nabutovskii, V.M. 1-2591, 1-34639
- Peisakhon, I.V. Schemes of double monochromators employing concave diffraction gratings 1-11076
- Peise, G. see Brandelik, R. 1-23510, 1-50411
- Peiser, P. see Carolei, G. 1-48804
- Peisert, A. see Aksenikov, V.D. 1-18662
- Peisert, A. see Breskin, A. 1-23958
- Peisl, H. see Grasse, D. 1-42431
- Peistrup, P.E. see Taylor, J.P.S. 1-50716
- Peixoto, J.E., Blohm, R., Mandour, M.A., Harder, D. Dose equivalent index for fast electrons 1-53906
- Peizi Li see Li Peizi
- Pejack, E. see Self, S.A. 1-24866
- Pejchal, V. Applied laser anemometry 1-46420
- Pejovnik, S. see Kaysser, W.A. 1-8255
- Pejuan, A., Kuhn, H. The G-value of the ferrous sulphate dosimeter for 3 and 14 MeV neutrons 1-44016
- Peka, G.P. see Brodovoi, V.A. 1-25760
- Peka, G.P. see Kovalenko, V.F. 1-35092
- Pekala, K., Trykozko, R. Thermoelectric study of Metglas 2826 A 1-47619
- Pekala, M., Polaczek, A. The magnetic cluster blocking in Fe₃O₄/SiO₂ spin glass 1-12313
- Pekal'n, T.K. see Virgil'ev, Yu.S. 1-11790
- Pekalski, A. see Ausloos, M. 1-16420
- Pekalski, A., Przystawa, J. (editor) Modern Trends in the Theory of Condensed Matter. Proceedings of the XVIth Karpacz Winter School of Theoretical Physics 1-9767
- Pekar, G.S. see Bratus', V.Ya. 1-34925
- Pekar, G.S. see Bulakh, B.M. 1-43254
- Pekar, G.S. see Shtrum, E.L. 1-34712
- Pekarek, L., Krejci, V. A nonlinear oscillator as a possible source of self-modulation and randomization of an ionization wave 1-38171
- Pekarek, S. see Maloch, J. 1-14707
- Pekarek, V., Rychly, R., Balej, J., Vacek, V. Enthalpy of dissolution of potassium peroxodisulfate in water at 298-15K 1-39670
- Pekarsky, A., Nicholson, P.S. The relative stability of spray-frozen/freeze-dried β -Al₂O₃ powders 1-21396
- Pekcan, O. Energy transfer via disturbed host species in a mixed organic crystal system 1-47929
- Peker, L.K., Hamilton, J.H. The particle properties of collective states 1-14450
- Peker, L.K. see de Lima, A.P. 1-41033
- Peker, L.K. see Hseuh, H.-C. 1-50549
- Peker, S., Comden, M., Atagunduz, G. Effect of interfacial instabilities and hydrodynamic interaction on liquid-liquid mass transfer 1-19687
- Pekeris, C.L. Stationary spiral flow in polytropic stellar models 1-17824
- Pekhtivanov, Kh.N. see Ilieva, M.G. 1-33633
- Pekruhn, W., Germer, R. Solar simulator 1-8688
- Pektetmirev, B.G. see Pashkov, P.O. 1-39353
- Pel', E.G., Fistul', V.I., Yagshygel'diev, A., Yakovenko, A.G. Pressure dependence of the energy level of triply charged copper in germanium 1-20661
- Pel, J.W., Lub, J. Physical properties of Cepheids and RR Lyrae stars 1-22825
- Pela, C.A. see Gandra, F.G. 1-21046
- Pelant, I., Hala, J., Parma, L., Vacek, K. Luminescence of excitonic molecules in AgBr 1-43174
- Pelat, D. see Alloin, D. 1-49816
- Pelc, N. see Lehmann, L. 1-43970
- Pelczarski, W. see Wang, S.-T. 1-48881
- Peleg, M. Linearization of relaxation and creep curves of solid biological materials 1-3811
- Peleganchuk, Yu.I. see Shamov, A.I. 1-32560
- Pelerin, J. see Cid, M. 1-48577
- Pelletier, L.A. see Diekmann, O. 1-52016
- Peletskii, V.E., Amasovich, E.S., Zaretskii, E.B., Lierman, J., Degas, P. Transfer properties of molybdenum at high temperatures 1-16273
- Pelfer, P. see Federici, L. 1-29240
- Pelieva, L.A. see L'vov, B.V. 1-353, 1-1248, 1-4074, 1-21805
- Pelikan, P. see Boca, R. 1-41319
- Pelikan, P. see Liska, M. 1-51126
- Pelikh, M.O. see Pavlovskii, V. 1-15533
- Pelino, M. see Haque, R. 1-17092
- Pelinovskii, E.N. see Ermakov, S.A. 1-44211
- Pelinovskii, E.N. see Mirchina, N.R. 1-32452
- Pelinovsky, E.N., Shavratsky, S.Kh. Breaking of stationary waves in nonlinear dispersive media 1-18046
- Pelipas, V.P. see Simonov, B.M. 1-52414
- Pelissier, M., Malrieu, J.P., Serafini, A., Labarre, J.F. Molecular orbital study of the bridging bonding in an electron deficient molecule [(CH₃)₂AlH]₂ 1-28868
- Pelizzari, C.A. see Postol, T.A. 1-2305
- Pelizzetti, E. see Borgarello, E. 1-35663
- Pell, F.R., Mulvany, S.F., Matthews, F. Application of hybrid fibre-reinforced composites to loadbearing orthoses and prostheses 1-49162
- Pellas, P., Storzer, D. ²⁴⁴Pu fission track thermometry and its application to stony meteorites 1-36233
- Pellat, R. see Asseo, E. 1-9545
- Pellat, R. see Cambou, F. 1-44403
- Pellat, R. see David, F. 1-2167
- Pellat, R. see Dechambre, M. 1-44368, 1-44369, 1-44370
- Pellat, R. see Lavergnat, J. 1-44367, 1-44383
- Pellat, R. see Le Queau, D. 1-44382
- Pellat, R. see Okuda, H. 1-11545
- Pelliaux, J.-P., Zurcher, J.-F. Welded joint in multimode light guides using gas-flame heating 1-19479
- Pelle, J. see Hubbard, J.R. 1-14755
- Pellecchia, E., Pizzella, E., Moccia, A., Narciso, E., Simonetta, R. Modification of a THOREX pilot reprocessing plant for a demonstration of a new FBR fuel cycle concept 1-50911
- Pelleg, J. Self-diffusion of ⁴⁸V in vanadium-zirconium alloy 1-52338
- Pelleg, J., Zevin, L. The Gd-Ga system: redetermination of the phase diagram on the gallium-rich side 1-53156
- Pelleg, J. see Kimmel, G. 1-21424
- Pellegrini, B. New theory of flicker noise 1-25779
- Pellegrini, C. Synchrotron radiation problems in storage ring version of FEL 1-10965
- Pellegrini, C. UV free electron lasers for synchrotron radiation sources 1-24425
- Pellegrini, C., Sands, M. Phenomenological analysis of current limits in storage rings 1-23888
- Pellegrini, G. Experimental methods for the preparation of selectively absorbing textured surfaces for photothermal solar conversion 1-13171
- Pellegrini, L. see Naegele, J.R. 1-48230
- Pellegrino, F. see Yao, S.S. 1-43169
- Pellegrino, J.M., Yen, W.M., Weber, M.J. Composition dependence of Nd³⁺ homogeneous linewidths in glasses 1-43141
- Pellegrino, M. see Arimondo, E. 1-10991
- Peller, V.V. see Levinzon, D.I. 1-31336
- Peller, V.V. see Vorob'ev, M.A. 1-11744
- Pellerin, D., Le Gressus, C., Massignon, D. A secondary electron spectroscopy and electron energy loss spectroscopy study of the interaction of oxygen with a polycrystalline aluminium surface 1-48206
- Pellerin, F. see Massignon, D. 1-25561
- Pelletier, C.M. see Kulvitiit, Y. 1-2870
- Pelletier, E., Lebel, J. Total alkalinity as a mixing index in an estuary mouth 1-36066
- Pelletier, E. see Borgogno, J.P. 1-37637
- Pelletier, G. Langmuir turbulence as a critical phenomenon. I. Destruction of the statistical equilibrium of an interacting-modes ensemble 1-19904
- Pelletier, G. Langmuir turbulence as a critical phenomenon. II. Application of the dynamical renormalization group method 1-34076
- Pellicer, J. see Ibanes, J.A. 1-35576
- Pellicori, S.F. Scattering defects in silver mirror coatings 1-11066
- Pellicori, S.F. Wide band wide angle reflection-reducing coatings for silicon cells 1-41796
- Pelling, R.M. see Makishima, K. 1-22873
- Pellinen, D.G., Di Capua, M.S., Sampayan, S.E., Gerbracht, H., Ming Wang Rogowski coil for measuring fast, high-level pulsed currents 1-23266
- Pellinen, R. see Shepherd, G.G. 1-9313
- Pellinen, R.J. see Opgenorth, H.J. 1-4719
- Pellission, J. see Hardman, M. 1-12397
- Pelloux, A., Quessada, J.P., Fouletier, J., Fabry, P., Kleitz, M. Utilization of a dilute solid electrolyte in an oxygen gauge 1-35594
- Pelloux, R.M. see Ballinger, R. 1-39407
- Pelloux, R.M. see Robin, C. 1-8423
- Pelloux, R.M.N. see Sumita, M. 1-8435
- Pells, G.P. see Welch, L.S. 1-3469
- Pelosi, C. see Franchi, S. 1-34598
- Pelous, G. see Bourguet, P. 1-42405
- Pelous, G. see Favennec, P.N. 1-2476
- Pelous, G. see Richou, F. 1-42785
- Pelous, J., Vacher, R. Comment on 'Brillouin scattering measurements on optical glasses' 1-3425
- Pelous, J. see Sussner, H. 1-12515
- Pelous, J. see Vacher, R. 1-20328
- Pelte, D. Multi-particle production in ³²S-induced reactions 1-50646
- Pelte, D. see Emiling, H. 1-28368
- Peltier, W.R., Yuen, D.A., Wu, P. Postglacial rebound and transient rheology 1-22314
- Peltier, W.R. see Yuen, D.A. 1-22276, 1-54053
- Pelto, P.J., Voss, J.W. Comparative techniques for nuclear fuel cycle waste management systems 1-846
- Pelton, A.D. see Liang, W.W. 1-31430
- Pelton, A.D. see Saboungi, M.L. 1-12725
- Pelton, H.K. see Stormont, J.W. 1-41922
- Pel'ts, B.B. see Azoyan, S.E. 1-31332
- Pel'tz, B.B. see Egorov, L.P. 1-31331
- Pel'zi, G. Dielectric reorientation of smectic C, F and I phases 1-21119
- Pel'zi, G. see Weissflog, W. 1-20367
- Pel'zi, J., Hock, K.-H., Miller, A.J., Ford, P.J., Saunders, G.A. Ultrasonic investigation of phase transitions in K₂SnCl₆ 1-30383
- Pemberton, E.W. see Smith, E.A. 1-3647, 1-3649
- Pempaite, I.P. Evaporation from snow cover in Southern Baltic 1960-1974 1-22367
- Pempinelli, F. see Boiti, M. 1-5113
- Pena, J. New solar panels, modules and cells 1-21882
- Pena, J.H. see Gonzalez B. S.F. 1-9518
- Pena, J.H. see Warman, J. 1-32710
- Pena, J.L., Farias, M.H., Sinencio, F.S., Andrade, E., Robledo, A., Lopez, K. Implantation of 100 keV H⁺ in MoO₃ and TiO₂ as determined by SIMS 1-20253
- Pena, J.M.G. see Diaz, C.C. 1-43348
- Pena, L.de la see de la Pena, L.
- Pena, M.Diaz see Diaz Pena, M.
- Pena, O. see MacLaughlin, D.E. 1-43024
- Pena, R.E. Many-body theory of impurities in metals and alloys. The Wolff model: a case study 1-2905
- Pena, R.E., Mattis, D.C. Optical lineshapes and electronic eigenstates of substitutional defects and vacancies 1-47552
- Pena, R.G.de see de Pena, R.G.
- Penarrocha, J.A. see Bernabeu, J. 1-567
- Pence, N.A. Indirect ophthalmodynamometry: its comparison with direct ophthalmodynamometry in the detection of carotid artery occlusive disease 1-27024
- Pence, W.D. see De Vaucouleurs, G. 1-49526
- Penchina, C.M. Luminescence of chromium in gallium arsenide 1-31205
- Pender, C.W., Jr., Roux, J.A. Microcomputer system for controlling an infrared scanning camera 1-44915
- Pendergrass, J.H. CO₂ laser capital costs and efficiencies for ICF commercial applications 1-41245
- Pendergrass, J.H., Battat, M.E., Frank, T.G. Neutron streaming in laser fusion electric power generating stations 1-41246
- Pendergrass, J.H. see Booth, L.A. 1-53696
- Pendharkar, A.V. see Barhate, A.V. 1-21294
- Pendlebury, J.M. see Forte, M. 1-28235
- Pendlebury, J.M. see Goltz, R. 1-50706
- Pendleton, B., Ross, G.G. Mass and mixing angle predictions from infra-red fixed points 1-28262
- Pendry, J.B. New probe for unoccupied bands at surfaces 1-8174
- Pendry, J.B. A generalised Friedel sum rule 1-52463
- Pendry, J.B. Theory of inverse photoemission 1-53011
- Pendyala, S. see Dale, J.M. 1-50272
- Pendyala, S. see Huleit, L.D. 1-50273
- Pendyur, S.A. see Boiko, G.A. 1-8104
- Pene, O. see Gavela, M.B. 1-33142, 1-33164
- Penebre, N. see McCorkle, R.A. 1-51012
- Penegor, G. see Bowyer, S. 1-44308
- Penelle, R. Heterogeneity of deformation and recrystallisation 1-48416
- Penelle, R. see Dervin, P. 1-35271
- Penelle, R. see Donadille, C. 1-26577
- Penelle, R. see Engel, J.J. 1-21481
- Penengo, P. see Borello, L. 1-48997
- Penescu, C., Ionescu, G., Droasca, B., Hohan, I., Sgarciu, V. A method for the automatic measurement of blood pressure 1-32301
- Penev, I.P. see Zelev, Z.T. 1-23855
- Penfield, S.R., Jr. The High Temperature Gas-Cooled Reactor for nuclear process heat applications: status of the US program 1-45593
- Penfold, A.S. see Thornton, J.A. 1-12595

- Pénfold, J. *see* Hayter, J.B. 1-42279
 Pénfold, J. *see* Miller, A.J. 1-34995
 Pénfold, J.E. *see* Kilkenny, D. 1-44592
 Peng, C.M. *see* Sun, K.H. 1-5941
 Peng, J. *see* Kasahara, J. 1-2477
 Peng, J.C., DeVries, R.M., DiGiacomo, N.J. Energy dependence of nucleus-nucleus total cross sections 1-28477
 Peng, J.C. *see* Drake, D.M. 1-23672
 Peng, T.-H. *see* Broecker, W.S. 1-4534
 Peng, Y.-K., Bashara, N.M. Zircaloy oxide thickness measurement by ellipsometry 1-5361
 Peng, Y.-K. *see* Bashara, N.M. 1-8029
 Peng, Y.-K.M. *see* Holmes, J.A. 1-6930
 Peng, Y.-K.M. *see* Lee, D.K. 1-42192
 Peng Chen *see* Chen Peng
 Peng Hong-an An investigation of the effects of charged bosonic partons (diquarks) in e-p deep inelastic scattering 1-18490
 Peng Huan-wu Quantum mechanical treatment of a damped harmonic oscillator 1-84
 Peng Li-wu *see* Luo Zu-yu 1-32196
 Peng Qiu-he, Huang Ke-liang, Zhan Ken-hua, He Xiang-tao Stability of the stellar structure in non-equilibrium thermodynamics 1-40466
 Peng Ruiwu, Sun Shanguo, Shen Songhua An investigation on the vapour phase epitaxy of doped GaAs 1-53096
 Peng Show-li, Zhao Shu-Song General analytic solutions of the three dimensional electron shower equations in the non-homogeneous medium 1-45301
 Peng Tsung Hung *see* Tsung Hung Peng
 Peng Tsung-Hung *see* Tsung Hung Peng
 Peng Xian-an *see* Zhao De-shan 1-27244
 Peng Yuchi *see* Che Shu-jian 1-29538
 Peng-cheng Yin *see* Yin Peng-cheng
 Peng-fei Li *see* Li Peng-fei
 Peng-sheng Su *see* Su Peng-sheng
 Peng-zhu Cheng *see* Cheng Peng-zhu
 Pengelly, L.D. *see* Stubbing, D.G. 1-22032, 1-22033
 Penionzhkevich, Yu.E. *see* Borcea, C. 1-28493
 Penkett, S.A. *see* Garland, J.A. 1-44252
 Penkett, S.A. *see* Jones, B.M.R. 1-48776
 Penkett, S.A. *see* Rasmussen, K.A. 1-17332
 Penkin, N.P. *see* Gorskoy, V.N. 1-33425
 Penkuhn, H. The gamma ray buildup factors in ordinary glass and heavy lead glass 1-14701
 Penn, C.J. *see* Flower, D.R. 1-36380
 Penn, D.R. Mean free paths of very-low-energy electrons: The effects of exchange and correlation 1-12100
 Penn, D.R. *see* Girvin, S.M. 1-21300
 Penn, D.R. *see* Rendell, R.W. 1-30729
 Penn, G. *see* Lasjaunas, J.C. 1-16059
 Penn, L.S., Miller, B. Advancing, receding, and 'equilibrium' contact angles 1-16148
 Penn, L.S., Miller, B. A study of the primary cause of contact angle hysteresis on some polymeric solids 1-30523
 Pennanen, S. *see* Aksela, S. 1-6220
 Pennndorf, J., Kuhn, G. A simple numerical method for the simulation of the (GaIn)P liquid phase epitaxy process 1-20587
 Pennndorf, J., Kuhn, G., Neumann, H., Muller, A. Growth and electrical properties of liquid phase epitaxial layers of Ga_{0.4}In_{0.6}P lattice-matched to GaAs substrates 1-21370
 Pennell, W.T. *see* Lenschow, D.H. 1-22407
 Penner, M.J. Two-tone forward masking patterns and tinnitis 1-49012
 Penner, S.S., Altieri, S.B., Bendenillo, V., Clardy, J., Furlong, L.E., Leder, F., Lees, L., Reich, E., Ross, J., Sieg, R.P., Squires, A.M., Thomas, J. Research needs for coal gasification and coal liquefaction 1-13071
 Penner, S.S. *see* Chang, P.H.P. 1-33948, 1-34002
 Penner, S.S. *see* Sulzmann, K.G.P. 1-19085
 Penney, B.C. *see* Meisner, J.S. 1-13342
 Pennings, A.J. *see* Kalba, B. 1-8379
 Pennings, A.J. *see* Posthuma de Boer, A. 1-38303
 Pennings, A.J. *see* Smook, J. 1-26421
 Pennings, A.J. *see* Van Hutten, P.F. 1-7090
 Penningsfield, F.-P. *see* Schonfelder, V. 1-9737
 Pennington, E.C., Murry, R.C., Christensen, E.E. High bandpass spatial filtering of the primary X-ray beam 1-43982
 Pennington, M.R., Ross, G.G. Systematic tests of QCD: non-singlet processes 1-45208
 Pennington, M.R. *see* Llovera, P.F. 1-18512
 Pennino, D. *see* Aguilar-Benitez, M. 1-5646, 1-23517
 Pennino, D. *see* Llovera, P.F. 1-18511, 1-18512
 Pennino, D. *see* Mazzucato, M. 1-50462
 Pennino, U. *see* del Pennino, U.
 Pennino, U. *see* del Pennino, U.
 Penny, S.J. Custom built panel meters 1-5300
 Penrose, O. *see* Goldstein, S. 1-40744
 Penrose, R. Singularities and time-asymmetry 1-18109
 Penrose, R., Ward, R.S. Twistors for flat and curved space-time 1-18104
 Penrose, R. *see* Eastwood, M.G. 1-32892
 Penso, G., Truong, T.N. Current algebra calculation of $e^+e^- \rightarrow \pi^+\pi^-$ and determination of $\rho(1600)$ parameters 1-576
 Penso, G. *see* Bacci, C. 1-575
 Pensom, C.F. *see* Shah, R.R. 1-50896, 1-50919
 Pensson, K.A. *see* Julien, R. 1-5228
 Pensotti, *see* Armstrong 1-10254
 Pensotti, S. *see* Costa, G. 1-23516
 Pensotti, S. *see* Di Gennaro, V. 1-5660
 Pensotti, S. *see* Evangelista, C. 1-23515
 Pensotti, S. *see* Lassel, J.C. 1-14786
 Penston, M.V. *see* Barr, P. 1-13855
 Penston, M.V. *see* Ward, M. 1-13856
 Penitcher, P.R. *see* Moussa, M.I. 1-12448
 Pentin, Yu.A. *see* Glebova, L.A. 1-24064
 Pentin, Yu.A. *see* Christenko, L.V. 1-6335
 Pentin, Yu.A. *see* Kuramshina, G.M. 1-14866
 Penumetcha, V. *see* Scott, A. 1-5768
 Penzina, E.E. *see* Parfianovich, I.A. 1-3474, 1-37554
 Penzkofer, A., Wiedmann, J. Orientation of transition dipole moments of rhodamine 6G determined by excited state absorption 1-19109
 Penzkofer, A. *see* Blau, W. 1-51536
 Penzo, A. *see* Birs, R. 1-51060
 Penzo, A. *see* Fidecaro, G. 1-591
 People, R. *see* Aggarwal, R.L. 1-47581
 Peoples, H.A. *see* Raik, A. 1-24054
 Peoples, J.A. *see* Squarier, D. 1-10475
 Pepe, G., Oddo, Y., Tranguard, A. Ammonium thallium dihydrogencarboxophosphate (NH₄)_{0.67}Tl_{0.33}H₂PO₄ 1-15867
 Pepe, G. *see* Caronni, C. 1-34294
 Pepin, D. *see* Dulic, A. 1-41519
 Pepin, G.P. *see* Hofmeier, J.H. 1-41142
 Pepin, H. *see* Martin, F. 1-41739
 Pepin, J.G., McCarthy, G.J., Clarke, D.R. STEM characterization of the synthetic rare earth minerals in nuclear waste 'supercalcineceramics' 1-30205
 Peplinski, B. *see* Richter, K. 1-46207
 Peppmiller, P.L. *see* Mateja, J.F. 1-33268
 Pepper, M. Ballistic injection of electrons in metal-semiconductor junctions. I. Phonon spectroscopy and impurity-enhanced inelastic scattering in n⁺ silicon 1-3060
 Pepper, M. Ballistic injection of electrons in metal-semiconductor junctions. II. Phonon spectroscopy of aluminium 1-3061
 Pepper, M. Ballistic injection of electrons in metal-semiconductor junctions. III. Phonon and sub-band spectroscopy of silicon inversion layers 1-3068
 Pepper, M. Conductance oscillations in two-dimensional transport [current instability in GaAs] 1-7631
 Pepper, M. Conductance oscillations in two-dimensional GaAs impurity bands 1-47745
 Pepper, M. *see* Nicholas, R.J. 1-12196
 Pepper, M. *see* Uren, M.J. 1-20844
 Pepper, M.G., Baxter, J.S.R. Measurement of middle ear pressure with a single transducer and a half-wavelength acoustic transmission line 1-43928
 Pepper, M.G., Smith, D.C. An electric tooth pulp vitality tester 1-44038
 Pepperhoff, W. *see* Bendick, W. 1-30954
 Pepperhoff, W. *see* Ehrhart, P. 1-34860
 Peppin, W.A. *see* Somerville, M.R. 1-49215
 Perala, R.A., Rogers, S.R. The effects of corona on the EMP response of insulated cables lying on the surface of the Earth 1-34142
 Perras, A.Ya., Yakushka, V.P. Peculiarities of creep in ceramic materials with different structures accompanying compression and extension 1-20308
 Perasso, L. *see* Antreasyan, D. 1-10287
 Perazzo, R.P.J. *see* Dussel, G.G. 1-28406, 1-50502
 Perbet, J.N. *see* Dubois, J.C. 1-46990
 Percacci, R. Geometrical aspects of nonlinear sigma models 1-50338
 Percacci, R. *see* Akdeniz, K.G. 1-14238
 Perchak, D., Weiner, J.H. Local-mode approximations in the Frenkel-Kontorova or sine-Gordon chain 1-5249
 Perchard, C. *see* Zuppirol, G. 1-24156
 Perchard, J.P. *see* Bureau, A. 1-37208
 Perchec, P. *see* Le Perchec, P.
 Percheron-Guegan, A., Lartigue, C., Achard, J.C., Germy, P., Tasset, F. Neutron and X-ray diffraction profile analyses and structure of LaNi₂, LaNi₃, Al, and LaNi₂-Mn, intermetallics and their hydrides (deuterides) 1-20119
 Percheron-Guegan, A. *see* Belkhir, L. 1-3744
 Percheron-Guegan, A. *see* Carter, F.L. 1-25205
 Percheron-Guegan, A. *see* Lartigue, C. 1-25204
 Percheron-Guegan, A. *see* Lartigue, C. 1-20126
 Perchi, Z.I. *see* Kozubovskii, V.R. 1-43843
 Perchonok, R. *see* Bebek, C. 1-33191
 Perchonok, R. *see* Chadwick, K. 1-33192
 Percival, I.C. *see* de Kertanguy, A. 1-45899
 Percus, J.K. Shielded distribution approximation for a wall-bounded classical fluid 1-46971
 Percy, G.C. *see* Hodgson, J.B. 1-1225, 1-1226
 Percy, G.C. *see* Niven, M.L. 1-14888
 Percy, J.R. Beta Cephei and related stars 1-40494
 Percy, J.R., Evans, N.R. HR 7308: a unique Cepheid 1-22812
 Percy, J.R., Jakate, S.M., Matthews, J.M. Short-period light variations in Be stars 1-40484
 Percy, J.R., Remage Evans, N. HR 7308: a unique Cepheid 1-40505
 Percy, J.R. (editor) Observer's handbook 1981 1-13944
 Perdag, J. The solar power spectrum—a fractal set? 1-40443
 Perdet, J.P., Datta, T. Charge and spin density waves in jellium 1-25651
 Perdet, J.P., Monnier, R. Physics of lattice relaxation at aluminium surfaces 1-7435
 Perdigon, P., Martin, F. Deperturbation study of the O_h symmetry states of As₂ observed in the energy range 39000-45000 cm⁻¹ 1-14882
 Perdris, C., Montheillet, F. An analysis of the behaviour of aluminium during a strain rate change 1-21538
 Perdris, C., Montheillet, F., Wyon, G., Weill, F. A new technique for observing the subgrains in hot-worked aluminium with an optical microscope 1-4027
 Perdris, M. *see* Jayet, Y. 1-51676
 Perdu, F. *see* Carpentier, J.-L. 1-7372
 Perigo, A. *see* Bizzetti, P.G. 1-5690
 Perigon, T.I. *see* Palatnik, L.S. 1-2483
 Perigod, D.P. *see* Zhitnikov, R.A. 1-52839
 Perigod, V.N. Interference effects in the hyperfine structure of the Mossbauer spectra of E1 transitions 1-26100
 Pereira, N.C. *see* Wang, L.K. (editor) 1-49891
 Pereira, N.R., Redkopp, L.G. Radiation damping of long, finite-amplitude internal waves 1-18042
 Pereira, W.E., Rostad, C.E., Taylor, H.E. Mount St. Helens, Washington, 1980 volcanic eruption: characterization of organic compounds in ash samples 1-35965
 Perkalina, T.M., Sidnenko, E.V., Cherkezian, S.A., Smirnovskaya, E.M., Makhotin, V.E. Magnetic properties and magnetoelectric effect in Co_{0.7}Mn_{0.3}O₂ crystals 1-34918
 Perkal'skii, V.M. *see* Abramov, N.N. 1-19696
 Perel, R.L. Molecular theory for resonant Rayleigh scattering 1-1242
 Perel', V.I. *see* Zakhar'yev, B.P. 1-48147
 Perelman, N.F. Stark broadening of the spectral lines of atoms in the field of multimode laser radiation 1-10693
 Perelman, N.F., Kovarskii, V.A., Averbukh, I.S. Stark instability and cooperative threshold phenomena in double optical resonance 1-41413
 Perelman, N.F. *see* Delone, N.B. 1-10701
 Perelman, R.G. *see* Budyshv, V.V. 1-30300
 Perelomov, A.M. A few remarks about integrability of the equations of motion of a rigid body in ideal fluid 1-18013
 Perelomov, A.M. *see* Degasperis, A. 1-18070
 Perelshteyn, E.A. *see* Kazarinov, N.Yu. 1-23898, 1-23924, 1-41550
 Perelstein, E.A. *see* Kazarinov, N.Yu. 1-10903
 Perelygin, I.S., Klimchuk, M.A., Mel'nichenko, V.Ya. Comparative investigation of the manifestations of ion-molecular and intermolecular hydrogen bonds on the infrared absorption bands of electron donor molecules 1-1231
 Perelygin, I.S. *see* Gribov, L.A. 1-10801, 1-24053
 Perelygin, V.F. *see* Zhigunov, V.P. 1-45772
 Perelygin, V.P., Stetsenko, S.G. Search for clues of galactic cosmic nuclei with Z ≥ 110 in meteoritic olivines 1-32587
 Perelygin, V.P. *see* Dikov, Y.P. 1-51055
 Perenboom, J.A.A.J., Wyder, P., Meier, F. Magnetic properties of samples containing small inorganic particles 1-34912
 Perennou, G. ARIAL II: system for speech recognition 1-51668
 Perepechenykh, V.I. *see* Vendik, I.B. 1-52574
 Perepelitsa, A.P. *see* Kleytsov, P.V. 1-30201
 Perepelitsa, N.I. *see* Lankevich, V.I. 1-37773
 Perepelitsyn, V.A. *see* Adil'baev, M.K. 1-12907
 Perepelkin, A.V. *see* Fedorchenko, I.M. 1-31384
 Perepelkin, N.F. *see* Petviashvili, V.I. 1-6971
 Perepelkin, V.A. Mismatching error of UHF transmitted-power wattmeters 1-295
 Perepelkin, V.A. *see* Mylnikov, A.V. 1-23260
 Perezko, J.H. *see* Hartwig, K.T. 1-21465
 Perera, I.K. *see* Dyer, P.E. 1-19319
 Peres, A. Barrier penetration via perturbation theory 1-5144
 Peres, A. Zeno paradox in quantum theory 1-22968
 Peres, A. Nonexponential decay law 1-27803
 Peres, A. *see* Feingold, S.J. 1-92
 Peres, G. *see* Scro, S. 1-49585
 Peresadko, N.G. *see* Adamovich, M.I. 1-45317
 Peresadko, N.G. *see* Fiorino, A. 1-50583
 Peresh, E.Yu. *see* D'orday, V.S. 1-26212
 Peresh, E.Yu. *see* Suslikov, L.M. 1-43096
 Pereslegina, N.V. *see* Vernov, S.N. 1-4731
 Peresles, J. *see* Tuffin, F. 1-37316, 1-41481
 Peressini, E.R. *see* Hill, R.A. 1-41734
 Peresun'ko, Yu.P. *see* Kurav, E.A. 1-10185
 Peretsman, L. *see* Steinberg, V. 1-7676
 Peretti, H.A., Mondino, M.A., Seeger, A. Study of intrinsic point defects in tantalum after plastic deformation at liquid helium temperatures 1-31543
 Peretti, H.A. *see* Bolcich, J.C. 1-26456

- Peretz, D., Ishai, O. Mechanical characterization of an adhesive layer in situ under combined load 1-17009
- Peretz, M., Barak, J., Zamir, D., Shinar, J. Quadrupole interactions in ZrV_2 hydrides 1-39003
- Peretvalov, V.I. see Tyuterev, V.I.G. 1-6355
- Pervertaev, V.D., Shcherbachenko, L.A., Tarashchanskii, V.A., Zotkin, Yu.G. Measurements of the thickness of liquid films between plates of mica using a laser interferometer 1-50195
- Pervertun, V.M. see Madin, M.I. 1-7022
- Pervezver, G.V., Yushmanov, P.N. Plasma and magnetic field diffusion in a Tokamak due to anomalous viscosity of electrons 1-24931
- Pervezver, Yu.V. see Borisenko, V.G. 1-30904
- Pervezentsov, V.N. see Kurov, I.E. 1-16672
- Pervorukhov, G.I. see Pisarenko, G.S. 1-43634
- Perevozchikova, A.I. A search for periodic components in the light variations of compact galaxy 1 Zw 1-1-54638
- Perevoznikov, A.M. see Kosilov, A.T. 1-26455
- Perevoznikov, E.N., Skvortsov, G.E. Stability conditions for field systems 1-2031
- Perevoznov, A.F. see Dem'yanov, A.V. 1-42248
- Perevoztchikov, V.M. see Ajinenko, I.V. 1-592, 1-23525
- Perey, F.G. see Pettilli, M. 1-50988
- Pereyaslova, N.K., Nazarova, M.N., Petrenko, I.E. 11-year variations in cosmic rays according to satellite measurements 1-36127
- Pereyaslova, N.K. see Bezruchenkova, T.M. 1-4725
- Pereyra, V. Two-point ray tracing in heterogeneous media and the inversion of travel time data 1-9295
- Perez, E. see Horn, R.G. 1-34221
- Perez, G. see Thuillier-Chevin, F. 1-20162, 1-34293
- Perez, J., Cavaille, J.Y., Etienne, S., Fouquet, F. Viscoelastic and liquid behaviour of metallic and other glasses near the glass transition 1-35297
- Perez, J., Tatibouet, J., Vassouille, R. Comments on 'The quantum mechanical approach to the velocity of dislocations in ice' by A.R. Forouhi and I. Bloomer 1-25268
- Perez, J. see Barranco Luque, M. 1-14745
- Perez, J.D. see Fisher, T.R. 1-25053
- Perez, J.F. The role of Gaussian domination and sum rules in phase transitions—an unpedagogical introduction 1-32906
- Perez, J.-P., Sevely, J. Contribution to the direct simulation of electron energy loss spectra in very high voltage electron microscopy 1-20286
- Perez, M. see Cagnoux, J. 1-39318
- Perez, M.A. see Lopez, C.A. 1-45111
- Perez, O.J., Jacob, K.H. Tectonic model and seismic potential of the eastern Gulf of Alaska and Yakataga seismic gap 1-44162
- Perez, O.J., Jacob, K.H., St. Elias, Alaska, earthquake of February 28, 1979: tectonic setting and precursory seismic pattern 1-49219
- Perez, R.B. see Plattard, S. 1-18698, 1-45549
- Perez, V. Spectra of amplitudes sustained for a given number of cycles: an interpretation of response duration for strong-motion earthquake records 1-49223
- Perez Garde, M., Vazquez, M., Schwan, H., Wohl, H. Large-scale solar motions as determined by Doppler shift measurements using a linear photodiode array 1-36241
- Perez-Molina, J. see Morales, C. 1-9591
- Perez-Alarcon, J.J. see Parker, W.C. 1-21348, 1-21752
- Perez-Alarcon, J.J. see Sajo-Bohus, L. 1-18974
- Perez-Albuera, E.A., Tyan, Y.-S. Photovoltaic materials 1-12147
- Perez-Garcia, C. see Jou, D. 1-23136
- Perez-Griffo, M.L., Block, R.C., Lahey, R.T., Jr. Nonuniform tagging and flow structure effects in PNA measurements 1-51888
- Perez-Mato, J.M., Manes, J.L., Tello, M.J., Zuniga, F.J. Structural phase transitions in crystals with $P6_3/mmc$ symmetry 1-52100
- Perez-Mato, J.M. see Tello, M.J. 1-42533
- Perez-Mendez, V. see Kwok-Cheong Tam 1-51392
- Perez-Mendez, V. see McClelland, J.B. 1-28485
- Perez-Mercader, J. see Ngce-Pong Chang 1-5498, 1-5556, 1-10129, 1-45181
- Perga, V.M. see Kalitenko, V.A. 1-31104
- Pergushov, V.I. see Gurman, V.S. 1-48701
- Peri, D., Chu, P.L. Index profile determination in transition region of optical fibre preform 1-15268
- Peri, D. see Chu, P.L. 1-19440, 1-33812
- Periasamy, A., Sivaram, B.M., Singh, M. Cardiac monitoring using laser speckle 1-8968
- Periaux, J. see Glowinski, R. 1-6868, 1-18027
- Periau, M. Ab initio calculation of vibronic levels in the $^2\Pi_u$ state of PH_2 1-28840
- Pericic, L.J. see Parel, J.-M. 1-22105
- Perillo, E. see Cuzzocrea, P. 1-18624
- Perimov, Yu.A. see Sumin, A.V. 1-44045
- Perina, J. see Szlachetka, P. 1-29337
- Perinet, F., Barbezat, S., Monty, C. New investigation of oxygen self-diffusion in Cu_2O 1-2682
- Perini see Armstrong 1-10254
- Perini, L. see Armstrong, T. 1-10606
- Perini, L. see Costa, G. 1-23516
- Perini, L. see Di Gennaro, V. 1-5660
- Perini, L. see Evangelista, C. 1-23515, 1-45354
- Perini, R. Paoletti see Paoletti Perini, R.
- Perini, U. see Giglio, M. 1-41817
- Perinova, V. see Szlachetka, P. 1-29337
- Periquet, G. see Anxolabehere, D. 1-36475
- Peris, J. Aguilar see Aguilar Peris, J.
- Perisic, Z. ZOPTIC special effects 1-23255
- Peritsky, M.M. Combustion control based on stack-gas analysis 1-32064
- Perjes, Z. Introduction to twister particle theory 1-36555
- Perjes, Z., Sparling, G.A.J. ISU(3) hadron mass formula 1-50409
- Perk, J.H.H. see Den Ouden, L.W.J. 1-52257
- Perkari, S. see Lavan, Z. 1-17283
- Perkas, M.D. see Belen'kii, A.Ya. 1-26516
- Perkas, M.D. see Rusanenko, V.V. 1-3738, 1-48380
- Perkas, M.D. see Voronin, S.A. 1-43371
- Perkash, I. see Ghista, D.N. 1-32167
- Perkbut's, E. see Sollogub, V.B. 1-22281
- Perkins, D.H. see Allen, P. 1-14367, 1-36856, 1-36857
- Perkins, D.H. see Blitschau, J. 1-10190
- Perkins, D.H. see Deden, H. 1-28311
- Perkins, D.H. see Fritze, P. 1-14431
- Perkins, D.H. see Grassler, H. 1-50414
- Perkins, F.W., Sun, Y.C. Double layers without current 1-34045
- Perkins, F.W. see Caramana, E.J. 1-46875, 1-46913
- Perkins, F.W., Jr. see Elder, G.B. 1-34100
- Perkins, J. see Niculescu, V.A. 1-52537
- Perkins, J.F., Cason, C. Spherical-aberration-free unstable resonator with spherical primary mirror 1-46395
- Perkins, J.F. see Cason, C.C. 1-46394
- Perkins, J.L. see Settles, G.S. 1-15474
- Perkins, K.R., Bari, R.A. Analysis of secondary systems transients in FFTF 1-3958
- Perkins, M.A. see Lampion, J.E. 1-37067
- Perkins, M.A. see Welch, E.B. 1-4225
- Perkins, M.D. see Eisele, F.L. 1-2136
- Perkins, M.N., Rothwell, N.J., Stock, M.J., Stone, T.W. Activation of brown adipose tissue thermogenesis by the ventromedial hypothalamus 1-39886
- Perkins, N.D., Phillips, C.S.G. The measurement of low hydrogen concentrations in nitrogen gas streams 1-21812
- Perkins, P.E. Frequency modulation applied to stimulated Raman scattering (SRS) for linewidth and temperature measurement 1-15215
- Perkins, P.G., Marwaha, A.K., Stewart, J.J.P. An improved LCAO SCF method for three-dimensional solids and its application to polyethylene, graphite, diamond, and boron nitride 1-47434
- Perkins, P.G. see Armstrong, D.R. 1-46185
- Perkins, R.J. see Herring, G.S. 1-50162
- Perkins, S.T., Cullen, D.E. Elastic nuclear plus interference cross sections for light-charged particles 1-42131
- Perkins, W.C. Identification of potential safety-related incidents applicable to a breeder fuel reprocessing plant 1-23842
- Perkov, S.V. see Chernobay, V.A. 1-29677
- Perkowitz, S. see Simpson, O.A. 1-10727
- Perkowski, J., Miller, J.S., Jezierski, M., Jankowski, B., Wojtulewicz, M. Properties of the radiation-chlorinated natural rubber vulcanizates 1-53437
- Perl, M., Shmueli, M., Betser, A.O. On the dynamic propagation of a Griffith crack in a finite rectangular plate 1-46702
- Perl, M.L. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Perl, M.L. see Dorian, J.M. 1-41020
- Perl, M.L. see Himel, T.M. 1-18482
- Perl, M.L. see Scharre, D.L. 1-18485, 1-45292
- Perley, R.A. see Bridle, A.H. 1-44633
- Perlin, J. see Butti, K. 1-13174
- Perlin, Yu.E., Boldyrev, S.I., Enakii, V.N. Excitation transfer and intracenter relaxation many-phonon processes in doped crystals 1-12560
- Perlman, I. see Mommsen, H. 1-23608
- Perlman, M.M. see Bamji, S.S. 1-39032
- Perlman, M.M. see Kao, K.J. 1-27940
- Perlmutter, A. see Crabb, D.G. 1-14413
- Perlmutter, A. see Crosbie, E.A. 1-45340
- Perlmutter, A., Scott, L.F. (editor) Recent Developments in High-Energy Physics. Proceedings of Orbis Scientiae 1980 1-44712
- Perlov, S.G. see Aleksandrov, V.V. 1-33700
- Perlit, H. Scale breaking paragon fragmentation functions, analytical parametrizations and comparison with charged multiplicities in e^+e^- annihilation 1-10232
- Perlit, H., Ranft, J. Scale-breaking polarised quark and gluon distributions 1-14320
- Permannand, R.R., Sheridan, J. The microwave spectrum and dipole moment of cyclopropyl isocyanide 1-28961
- Permitin, G.V., Fraiman, A.A. Dispersion of transverse displacements of geometrical-optics rays in smoothly inhomogeneous media with fluctuations of the index of refraction 1-19271
- Permogorov, S.A. see Klochikhin, A.A. 1-12558
- Permyakov, V.V. see Zavadskii, E.A. 1-45095
- Permyakova, L.A. see Golovin, B.M. 1-37060
- Perner, B. see Kvapil, J. 1-26288, 1-53083
- Perner, D., Platt, U. Absorption of light in the atmosphere by collision pairs of oxygen (O_2)₂ 1-44293
- Perner, D. see Platt, U. 1-44251
- Perneck, B.J., Kennedy, J. Optical method for fatigue crack detection 1-8492
- Pernicka, M. see Fidecaro, G. 1-591
- Pernot, M. Influence of the recrystallisation texture on earing of aluminium sheet of commercial purity 1-48363
- Pernot, M. see Dervin, P. 1-35271
- Pernot, M. see Donadille, C. 1-26577
- Pernot, M. see Engel, J.J. 1-21481
- Perntal, J. see Skogberg, J. 1-3221
- Perola, G.C., Tarengi, M. IUE spectra of the jet and the nucleus of M87 1-9650
- Perola, G.C. see Lari, C. 1-9688
- Perola, G.C. see Maraschi, L. 1-44626
- Perona, G.E., Canavero, F. An acoustic system for infrasound detection: lumped and distributed equivalent electric circuit 1-6728
- Perona, J.J. see Knight, J.F. 1-53552
- Perone, S.P., Richardson, J.H., Deutscher, S.B., Rosenthal, J., Ziemer, J.N. Laser-induced photoelectrochemistry: time-resolved coulometric flash studies of photooxidation at n-TiO₂ electrodes 1-35662
- Perone, S.P. see Richardson, J.H. 1-31865
- Peroni, C. see Alkoff, O.C. 1-45773
- Peroni, C. see Aubert, J.J. 1-5630
- Perot, J. see Auzolle, R. 1-51009
- Perot, J. see Bazin, C. 1-23880, 1-41264
- Perov, A.I. see Manvelyan, R.V. 1-4057
- Perov, P.I. see Polyakov, V.I. 1-47741
- Perov, V.F., Papkov, V.S., Ivanov, I.A. Defects in sapphire strips produced by Stepanov's method 1-30112
- Perova, A.A. see Aleksandrov, Yu.P. 1-12793
- Perovic, A., Purdy, G.R. Discontinuous precipitation in Cu-Co alloys 1-26461
- Perovic, B. see Mosunov, A.S. 1-53036
- Perovic, V., Purdy, G.R., Brown, L.M. The role of shear transformation strains in the formation of linear arrays of precipitates 1-52303
- Perre, B. see Fiori, G. 1-43676
- Perrailon, B. see Gupta, R.P. 1-52407
- Perram, C. see Jensen, J. 1-39758
- Perram, J.W., Anastasiou, N. A simple formula for the dielectric constant of an ideal polar fluid. Comparison with computer simulations and experiment 1-52884
- Perram, J.W. see Morris, G.P. 1-38221
- Perraut, S. see Glangeaud, F. 1-4714
- Perrenod, S.C., Lesser, M.P. A redshift survey of a high-multiplicity supercluster 1-49832
- Perrenoud, M.R., Treumann, A.R. Fine structure in solar type III radio bursts spectra 1-4884
- Perrier, C. see Breyssacher, J. 1-13808
- Perrier, P., Portal, J.C., Galibert, J., Askenazy, S. Spectroscopy of the L band of Ga-Sb studied by Shubnikov-de-Haas effect in high magnetic field, under uniaxial stress 1-47456
- Perrier, P. see Portal, J.C. 1-47684
- Perriere, J., Siejka, J. Mechanisms of ionic transport during the anodic growth of oxide films on metals and semiconductors 1-47289
- Perriere, J. see Gourrier, J. 1-48551
- Perrin, B. see Michard, F. 1-15991
- Perrin, C., Bardolle, J. Diffractometric study of the dissolution of oxygen in niobium at medium pressure (75 torr) and between 300 and 400°C. I. Diffractometric study of monocrystalline and polycrystalline specimens 1-39525
- Perrin, C. see Buenerd, M. 1-28444
- Perrin, C. see Goetz, F. 1-10391
- Perrin, C. see Marty, N. 1-23690
- Perrin, C. see Perrin, G. 1-50577
- Perrin, C.L. Variable-temperature NMR without a variable-temperature probe 1-18268
- Perrin, G., Duhamel, G., Perrin, C., Gerlic, E., Gales, S., Comparat, V. Analyzing powers of valence and inner neutron-hole states in ^{115}Sn via the $^{116}\text{Sn}(\text{d}_{\text{point}})$ reaction 1-50577
- Perrin, G. see Lebrun, D. 1-18620
- Perrin, J., Simeon, C. Prediction of dynamic stability limits of the 45 MW scale model of Super Phenix steam generator 1-28565
- Perrin, J. see Drevillon, B. 1-16703
- Perrin, J.S. see Fromm, E.O. 1-53390
- Perrin, M., Thozet, A., Bertholon, G., Decoret, C., Royer, J. Comparisons between crystallographic results and theoretical calculations on phenol molecules 1-28877
- Perrin, M.L. see Madelaine, G.J. 1-43711
- Perrin, M.-N., Spite, M. Contribution to the search for solar spectral analogs. An analysis of 16 Cyg A and B 1-54492
- Perrin, M.Y. see Huetz-Aubert, M. 1-29097
- Perrin, N. see Gerschel, C. 1-45519
- Perrin, P. see Calticuli, F. 1-23700
- Perrin, P. see Oed, A. 1-28773

- Perrois, P. *see* Bronchard, J.P. 1-27984
- Perrone, P.F. *see* Ball, R.M. 1-18823
- Perrot, A. *see* Godefroy, G. 1-26139
- Perrot, F. Equation of state and energy band structure of metallic silver 1-16223
- Perrot, F. First approach to the band structure of α -rhombohedral boron 1-47452
- Perrot, F., Rasolt, M. Hydrogen impurity in aluminum: calculation of the lattice relaxation energy 1-30253
- Perrot, J.P. *see* Chevalerey, J. 1-41395
- Perrot, M. *see* Rothschild, W.G. 1-48051
- Perronnet, M. *see* Rychy, P. 1-10184
- Perroud, P. *see* Guinet, P. 1-17320
- Perry, A.E., Lim, T.T., Chong, M.S. The instantaneous velocity fields of coherent structures in flowing jets and wakes 1-29744
- Perry, A.E., Lim, T.T., Teh, E.W. A visual study of turbulent spots 1-51745
- Perry, A.E., Watmuff, J.H. The phase-averaged large-scale structures in three-dimensional turbulent wakes 1-51781
- Perry, A.E. *see* Smits, A.J. 1-42109
- Perry, B. *see* Rabinowitz, P. 1-46458
- Perry, C.H. Aluminium evaporation of spacer strips [plasma panel displays] 1-53092
- Perry, C.H., Feinberg, A. Quasi-elastic scattering due to fast oxygen diffusion in yttria stabilized zirconia 1-35041
- Perry, E.D. *see* Grimesey, R.A. 1-6033
- Perry, P. *see* Fissenen, I.M. 1-4370
- Perry, R.A., Rowe, B.R., Viggiano, A.A., Albritton, D.L., Ferguson, E.E., Fehsenfeld, F.C. Laboratory measurements of stratospheric sodium ion reactions 1-17649
- Perry, R.A. *see* Connell, P.S. 1-44239
- Perry, R.A. *see* Viggiano, A.A. 1-13537
- Perry, R.B. *see* Sholeen, C.M. 1-14600
- Perry, R.L., Telotte, J.C., O'Connell, J.P. Solution thermodynamics for 'reactive' components 1-39665
- Perry, R.T., Wilson, W.B. Neutron production from (α, n) reactions in PuO_2 , UO_2 and ThO_2 fuels 1-50769
- Perry, W.D. Deferral of nuclear fuel reprocessing and plutonium breeder commercialization 1-50908
- Perry, W.L. *see* Flagg, R.C. 1-37116
- Perryman, K.M., Lindsley, D.F., Lindsley, D.B. Pulvinar neuron responses to spontaneous and trained eye movements and to light flashes in squirrel monkeys 1-4268
- Perryman, M.A.C. *see* Gunn, J.E. 1-36426
- Perryman, M.A.C. *see* Macchetto, F. 1-17770
- Perryman, M.A.C. *see* Peacock, J.A. 1-44656
- Pers, N.M., Van Der See, Van Der Pers, N.M.
- Persano, C. *see* Fiorino, A. 1-50583
- Persans, P.D. Gap state spectroscopy using two beam photoconductivity in As-Si-H 1-38813
- Persans, P.D. *see* Schiff, E.A. 1-47395
- Persechini, D.J. *see* Tangonan, G.L. 1-24502
- Persen, L.N. The turbulent boundary layer and the closure problem 1-1940
- Persher, P., Pecheva, M. A study of sintering and magnetic parameters of spinel lithium ferrite. II. Lithium ferrite containing Bi_2O_3 1-26412
- Pershikova, T.M. *see* Sedov, N.Ya. 1-995
- Pershin, V.K., Pershin, V.I.K., Fishbein, L.A. Dynamical aspects of the formation of the mesomorphic state structure 1-38258
- Pershin, V.I.K. *see* Pershin, V.I. 1-38258
- Pershing, M.W., Bambakidis, G., Thomas, J.F., Jr., Bowman, R.C., Jr. Resistometric determination of phase transformations in VH_2 and VD_2 1-30377
- Pershukovich, P.P. *see* Pavlovich, V.S. 1-16600
- Persi, P., Ferrari-Toniolo, M., Grasdalen, G.L., Spada, G. Infrared photometry of HDE 226868 (Cyg X-1) from 2.3 to 10 μ : mass loss rate 1-36280
- Persi, P. *see* Altamoro, A. 1-17850
- Persiantsev, I.G. *see* Dem'yanov, A.V. 1-42248
- Persiantsev, I.G. *see* Kovalev, A.S. 1-52017
- Persico, F. Interaction between strong radiation fields and two-level atoms: a canonical transformation approach 1-10698
- Persico, F. *see* Compagno, G. 1-14845, 1-19305
- Persico, M. *see* Cimigaglia, R. 1-18996, 1-28955
- Person, J.C., Nicole, P.P. Interface for rapid data transfer from NIM counters to small computers 1-10615
- Person, W.B. *see* Kim, K.C. 1-37190
- Personick, S.D., Rhodes, N.L., Hanson, D.C., Chan, K.H. Contrasting fiber-optic-component-design requirements in telecommunications, analog, and local data communications applications 1-11169
- Personov, R.I. *see* Bykovskaya, L.A. 1-35744
- Personson, A. *see* Skogberg, P. 1-4375
- Persson, B. *see* Ivars, R. 1-50951
- Persson, B.A. Occupational radiation exposures at light-water-cooled reactors in Sweden in the period 1971-1978 1-28729
- Persson, B.N.J., Ibach, H. Inelastic scattering of slow electrons from adsorbed CO 1-15024
- Persson, B.N.J., Persson, M. Damping of vibrations in molecules adsorbed on a metal surface 1-7448
- Persson, B.N.J., Persson, M. Vibrational lifetime for CO adsorbed on Cu (100) 1-16180
- Persson, B.N.J., Ryberg, R. Collective vibrational modes in isotopic mixtures of CO adsorbed on Cu(100) 1-28971
- Persson, B.N.J. *see* Andersson, S. 1-16637
- Persson, B.N.J. *see* Johansson, P.K. 1-7283
- Persson, M. *see* Persson, B.N.J. 1-7448, 1-16180
- Persson, S.E., Cohen, J.G., Sellgren, K., Mould, J., Frogel, J.A. Infrared photometry of the semitransparent nucleus of M 31 1-22877
- Persson, S.E. *see* Frogel, J.A. 1-9643, 1-22842
- Persson, T., Eriksson, P.E., Lindstrom, L. Convection and other disturbing effects in diffusion experiments in liquid metals 1-25479
- Pert, G.J. Self-similar flows with uniform velocity gradient and their use in modelling the free expansion of polytropic gases 1-2011
- Pert, G.J. X-ray lasers 1-29248
- Pert, G.J. *see* Dewhurst, R.J. 1-28897
- Pertmer, G.A., Munno, F.J., Robertson, P.W. Analysis of simulated low-level waste glass forms 1-45650
- Pertosa, P. Bandes de valence de trioxydes ABO_3 de structure perovskite: Spectroscopie de photoelectrons et calculs semi-empiriques des structures de bandes. Valence bands of perovskite ABO_3 type oxides: XPS photoelectron spectroscopy and semi-empirical calculations of band structures 1-38718
- Pertsin, A.J. *see* Nauchitel, V.V. 1-1428
- Pertsovskaya, E.V. *see* Zakharov, V.N. 1-8394
- Pertzsch, B., Rossler, U. Polarons and Wannier excitons in anisotropic polar crystals 1-2893
- Peruchetti, J.C. *see* Gewinner, G. 1-35148
- Perugini, G. *see* Giarda, L. 1-16674
- Perugini, G. *see* Mirarchi, U. 1-16707
- Pervakov, V.A. *see* Iliev, L.B. 1-52319
- Perves, J.P. *see* Crancon, J. 1-23913
- Pervukhin, V.V., Obynochy, A.A., Sagdeev, R.Z. Studies on the temperature dependence of isotope effects arising in low-temperature acetaldehyde photolysis 1-28887
- Pervushin, V.N. *see* Belkov, A.A. 1-10250
- Pervushin, V.N. *see* Galperin, A.S. 1-10259
- Pescara, L. *see* Esposito, B. 1-36868
- Pesch, W., Schober, T., Wenzl, H. Hydrogen bubble formation by pulse heating in vanadium-hydrogen alloys 1-26512
- Peschanskaya, N.N. *see* Bershtein, V.A. 1-3816
- Peschanskii, V.G. *see* Nedozorov, S.S. 1-42872
- Peschel, I. *see* Singer, H. 1-11896
- Peschel, R.E., Fischer, J.J. A review of time-dose effects in radiation therapy 1-27003
- Peschka, W., Carpetis, C. Cryogenic hydrogen storage and refuelling for automobiles 1-17321
- Peschka, W., Sanger, G., Hietkamp, G.A. Results of experiments with spin-stabilised hydrogen and hydrogen compounds 1-1058
- Peschka, W. *see* Carpetis, C. 1-21932, 1-43824
- Peschka, W. *see* Wojkowsky, H. 1-43829
- Peschko, W. *see* Herziger, G. 1-34175
- Peschmann, K.R. Medical electroradiography—its potential and limitations 1-8996
- Pesci, C. *see* Fuzzi, S. 1-13586
- Pescia, J. *see* Abart, G. 1-3251
- Pescia, J. *see* Bourdel, D. 1-42996
- Pescia, J. *see* Gourdon, J.C. 1-34924
- Pesek, L., Veleš, P., Kovac, L. The influence of load at fatigue precracking on fracture toughness test results 1-48619
- Peset, R. *see* van der Mark, Th.W. 1-43953
- Peschevitsky, B.I. *see* Logvinenko, V.A. 1-26728
- Peshkikhonov, V.D. *see* Anisimov, Yu.S. 1-14728, 1-45785
- Peshkikhonov, V.D. *see* Janik, R. 1-23960
- Peshvay, P., Babievskaya, I.Z., Krenov, V.A. A thermodynamic estimation of the gas and solid phase compositions during chemical transport of V_2O_5 and V_2O_3 with chlorine 1-31897
- Peshev, P., Pecheva, M. A study of sintering and magnetic parameters of spinel lithium ferrite. I. Pure lithium ferrite 1-3681
- Peshkin, A.F., Slavnova, T.D., Chibisov, A.K. Triplet state of aggregated chlorophyll a molecules 1-17348
- Peshkin, M. Aharonov-Bohm effect in bound states: theoretical and experimental status 1-23049
- Peshkin, M.A. *see* Buzinov, S.N. 1-2074
- Peshko, I.I. *see* Mizrukhnin, L.V. 1-1523
- Peshwe, V.B., Diwan, S.G., Joseph, A., Desa, E. Wave and tide gauge 1-54270
- Pesic, D.S. *see* Dobrosavljevic, J.S. 1-40784
- Pesicka, J. *see* Kratochvil, V.I. 1-43353
- Pesicka, J. *see* Kratochvil, P. 1-21498
- Pesin, A.A. *see* Kochetov, V.S. 1-16984
- Pesina, T.I., Zakrevskii, V.A., Pukh, V.P. Effect of zinc oxide on the strength of silicate glass 1-16792
- Peskin, C. *see* Caflich, R. 1-22039
- Peskin, C.S. Fluid dynamics of the heart and the ear 1-8895
- Peskin, C.S., McQueen, D.M. Modeling prosthetic heart valves for numerical analysis of blood flow in the heart 1-4387
- Peskin, M.E. The alignment of the vacuum in theories of technicolor 1-10120
- Peskin, M.E. *see* Itzykson, C. 1-5487
- Peskov, R.A. Optimal flattening of two-dimensional energy distribution 1-5838
- Peskov, V.D. UV and X-ray Geiger counters with a spatial resolution of 0.3 mm 1-1017
- Peskov, V.D. Coordinate gas scintillation X-ray and UV photon counters 1-45092
- Peskovatsky, S.A. *see* Cherpak, N.T. 1-15135
- Pesme, D. *see* Laval, G. 1-34069
- Pesnell, W.D., Cox, A.N. The light and velocity curve bumps for BW Vulpeculae 1-40496
- Pesnell, W.D. *see* Livio, M. 1-54535
- Pesnelle, A. *see* Liberman, S. 1-19057
- Pesquera, L. *see* Claverie, P. 1-23043
- Pessa, E. Poisson's equation in de Sitter space-time 1-44798
- Pessa, E. A new unified field theory based on the conformal group 1-44819
- Pessa, M., Asone, H., Lindroos, M., Pinder, A.J., Gyorffy, B.L., Temmerman, W. An angle-resolved photoemission study of the electric structure in a single crystal $\text{nd Pd}_{35}\text{Ag}_{27}$ random alloy 1-43424
- Pessard, H. *see* Alkofer, O.C. 1-45773
- Pessard, H. *see* Aubert, J.J. 1-5630
- Pestieau, J. *see* Decker, R. 1-33137
- Pestov, E.N. *see* Anosov, M.D. 1-41503
- Petcavich, R.J., Coleman, M.M. Vibrational spectra and normal coordinate analysis of trans-1,4-poly(2,3-dimethylbutadiene) and the two polymorphic forms of trans-1,4-poly(isoprene) 1-43111
- Petch, H.E. *see* Pratt, J.C. 1-7965
- Petcher, D., Weingarten, D.H. Monte Carlo calculations and a model of the phase structure for gauge theories on discrete subgroups of $\text{SU}(2)$ 1-23429
- Petchul, J.J. *see* Bullard, J.E. 1-871
- Petchul, J.J. *see* Burke, D.F. 1-28687
- Petecov, S.T. *see* Khlopov, M.Yu. 1-50361
- Petel, M. *see* Holzapfel, G. 1-8140, 1-8352
- Petel, M. *see* Roza-Serra, N. 1-8203
- Petelenz, P. Triplet exciton pair—charge carrier interaction in crystalline anthracene 1-20635
- Petelenz, P., Smith, V.H., Jr. Binding energies of ionized donor-exciton complexes in polar crystals 1-7528
- Petelin, A.L. *see* Aleshin, A.N. 1-16093
- Petelin, M.I. *see* Bogomolov, Ya.L. 1-46275
- Peter, A. *see* Morlin, Z. 1-2424
- Peter, J., Tamaia, B. Relationships between the properties of highly inelastic collisions and fission 1-50694
- Peter, J. *see* Hanappe, F. 1-50692
- Peter, L.M. Photocurrent spectroscopy of lead dioxide 1-34814
- Peter, M. *see* Hardiman, M. 1-12397
- Peter, R. *see* Grimmer, A.-R. 1-34959
- Peterlin, A. Diffusion with discontinuous swelling. IV. Type II diffusion into spherical particles 1-52532
- Peterlin, A. *see* De Candia, F. 1-43362
- Peterman, A. A theorem on resumming leading logarithms in non-Abelian gauge theories at short distances 1-14236
- Petermann, D.J., Peterson, D.T., Weaver, J.H. Optical and photoemission studies of lanthanum hydrides 1-21157
- Petermann, D.J. *see* Lynch, D.W. 1-26232
- Petermann, D.J. *see* Weaver, J.H. 1-48233
- Petermann, J., Gohl, R.M., Schultz, J.M., Hendricks, R.W., Lin, J.S. Small-angle X-ray scattering from polybutene-1 films crystallized from a highly extended melt 1-38305
- Petermann, K. Nonlinear distortions due to fibre connectors 1-11129
- Petermann, R. *see* Schiller, S. 1-12653
- Petermel, M. *see* Navinsck, B. 1-25336
- Petrova, N.G. *see* Kaidanovskii, M.N. 1-9457
- Peters, A. *see* Candau, S. 1-2567
- Peters, C., Harrison, J.P. Reflection coefficient of phonons at a Si-He³ interface: effect of cryopumping the Si surface 1-20499
- Peters, D., Peters, J. Quantum theory of the structure and bonding in proteins. V. Further studies on the C₁₀ hydrogen bond of the tripeptide 1-10650
- Peters, D., Peters, J. Quantum theory of the structure and bonding in proteins. VI. Factors governing the formation of hydrogen bonds in proteins and peptides 1-10651
- Peters, D., Peters, J. Quantum theory of the structure and bonding in proteins. VII. The α helix and the hydrogen bonding in the tetrapeptide 1-24028
- Peters, D.W., Mathews, C.W. Temperature dependence of the peak power of a Hansch-type dye laser 1-33678
- Peters, J., Jagger, J. Inducible repair of near-UV radiation lethal damage in E. coli 1-35838
- Peters, J., Pinte, J. Computer-aided programming of machining parameters 1-39342
- Peters, J. *see* Peters, D. 1-10650, 1-10651, 1-24028
- Peters, J.A. *see* Bovee, W.M.M.J. 1-24171
- Peters, J.M.H. Rayleigh's electrified water drops 1-42082
- Peters, K. *see* Hampton, N.A. 1-53576
- Peters, K. *see* Simon, A. 1-15862

- Peters, K.-R. Penning sputtering of ultra thin metal films for high resolution electron microscopy [of biological specimens] 1-17540
- Peters, M.W. see Berge, J.P. 1-540
- Peters, P.J. Diffraction far from the image center 1-46252
- Peters, R.H. see Ingamells, W. 1-52358
- Peters, R.W. see Hall, J.W., III 1-49006
- Peters, S. see Daum, C. 1-14424, 1-28357
- Petersen, A. see Bartel, W. 1-18500, 1-45253, 1-45254
- Petersen, A. see O'Neill, L.H., Jr. 1-50443
- Petersen, D. see Bromberg, C. 1-10266, 1-45364
- Petersen, E.L. Nuclear reactions in semiconductors 1-34372
- Petersen, E.L. see Peterson, E.W. 1-49316
- Petersen, F.R. see Vasconcelos, E.C.C. 1-51463
- Petersen, G., Charpak, G., Melchart, G., Sauli, F. The multistep avalanche chamber as a detector in radiochromatography imaging 1-14756
- Petersen, G. see Breskin, A. 1-23958
- Petersen, G.W. see Imhoff, M.L. 1-9300
- Petersen, G.W. see Sykes, S.G. 1-9303
- Petersen, J. see Furrer, R. 1-8586
- Petersen, J.L. see Lai, C.-H. 1-499
- Petersen, J.O. see Andreasen, G.K. 1-40500
- Petersen, J. Otzen see Otzen Petersen, J.
- Petersen, J.W., Damgaard, S., Weyer, G. Radiogenic Sn defects in aluminium from implantations of ^{119}Sn and ^{119}Sb [Mossbauer study] 1-42407
- Petersen, J.W. see Damgaard, S. 1-38365, 1-47102
- Petersen, K., Shartel, A. Micromechanical accelerometer integrated with MOS detection circuitry 1-40782
- Petersen, K.E. Integrated silicon micromechanics for sensors and transducers 1-44910
- Petersen, K.M. see Kerlin, T.W. 1-50817
- Petersen, M.A. see Dickey, F.M. 1-5352
- Petersen, P.I. see La Haye, R.J. 1-6968
- Petersen, W. Experiences with heat pumps for use in agricultural applications 1-17234
- Peterson, A.L., Filippov, A.A. Effect of the electric field and of defects in solid (epoxy) insulation on its long-term dielectric strength 1-43069
- Peterson, B. see Rad, F.N. 1-23646
- Peterson, B.A. see Morton, D.C. 1-9713
- Peterson, B.M. The correlation between the absolute magnitudes of quasi-stellar objects and the velocities of ejected gas: a consequence of observational selection 1-40573
- Peterson, B.M., Foltz, C.B. A search for neutral hydrogen absorption in the spectra of quasi-stellar objects 1-49845
- Peterson, B.M. see Foltz, C.B. 1-9656, 1-36408
- Peterson, C., Walsh, T.F., Zerwas, P.M. Deep inelastic electron-photon scattering 1-14397
- Peterson, C.J., Huntley, J.M. Observations of the kinematics of barred spiral galaxies. I. NGC 1300 1-49801
- Peterson, D.G., Briggs, D.C., Barberis, N. INSAT-1 solar array design and development summary 1-48864
- Peterson, D.M., Baron, R.L., Dunham, E., Mink, D., Weekes, T.C., Elliot, J.L. Lunar occultations of the Hyades: 1979-1980 1-54569
- Peterson, D.T. see Anderson, D.L. 1-7967
- Peterson, D.T. see Kamitakahara, W.A. 1-20462
- Peterson, D.T. see Khatamian, D. 1-20140
- Peterson, D.T. see Peterman, D.J. 1-21157
- Peterson, D.T. see Weaver, J.H. 1-20616, 1-20623, 1-48233
- Peterson, D.W., Beavers, W.I. A search for variability in white dwarfs in the region of the Hyades 1-27495
- Peterson, E. see Berg, D. 1-28320
- Peterson, E. see Collick, B. 1-45290
- Peterson, E. see Jonckheere, A. 1-51013
- Peterson, E.A. see Makdisi, Y. 1-14411
- Peterson, E.W., Taylor, P.A., Hojstrup, J., Jensen, N.O., Kristensen, L., Petersen, E.L. Riso 1978: further investigations into the effects of local terrain irregularities on tower-measured wind profiles 1-49316
- Peterson, E.W. see Deardorff, J.W. 1-19671
- Peterson, G.A. see Lindgren, R.A. 1-50589
- Peterson, G.E., Carnevale, A., Paek, U.C., Berreman, D.W. An exact numerical solution to Maxwell's equations for lightguides 1-11093
- Peterson, G.L. see Jellison, G.E., Jr. 1-21079
- Peterson, J.R. see Gaily, T.D. 1-986
- Peterson, J.R. see Hodges, R.V. 1-24091
- Peterson, J.R. see Huray, P.G. 1-52758
- Peterson, L.E. see Gruber, D.E. 1-22837
- Peterson, L.E. see Makishima, K. 1-22873
- Peterson, M.A. see Dickey, F.M. 1-27927
- Peterson, M.R., Poirier, R.A., Daudel, R., Cizmada, I.G. Simple relationship between total molecular correlation energies and LMO sizes 1-51090
- Peterson, N.L., Chen, W.K. Isotope effect for cation diffusion in CoO 1-2683
- Peterson, N.L. see Chen, W.K. 1-25506
- Peterson, O.G. see Walling, J.C. 1-29283
- Peterson, R. see Clark, J.W. 1-32308
- Peterson, R.C., Willmarth, D.W., Carney, B.W., Chaffee, F.H., Jr. BD -0°4234: a high-velocity, metal-poor, double-lined spectroscopic binary 1-9564
- Peterson, R.C. see Nobles, R.A. 1-9365
- Peterson, R.J., Emigh, R.A., Anderson, R.E. Single-nucleon transfer reactions to ^{100}Ru 1-5670
- Peterson, R.J., Hamill, J.J. Proton stripping to high spin states of ^{13}N 1-23543
- Peterson, R.J. see Cecil, F.E. 1-11595
- Peterson, R.L. Space applications of superconductivity: instrumentation for gravitational and related studies 1-9344
- Peterson, R.R., Moses, G.A. MFP—a code for calculating equation of state and optical data for noble gases 1-19854
- Peterson, S.D., Shostak, G.S. Stephan's Quintet: H I distribution at high redshifts 1-22906
- Peterson, S.K. see Moody, G.B. 1-17514
- Peterson, T.W., Moyers, J.L. Emission limits for variable sources by use of multipoint rollback 1-53728
- Peterson, T.W. see Saxena, P. 1-48745
- Peterson, V.Z. see Berge, J.P. 1-540
- Peterson, W.D. Falling bubbles demonstrate acceleration of gravity 1-9814
- Pettersson, B., Pire, B. Photoproduction with polarized photons as a source of polarized gluon jets 1-569
- Pettersson, B. see Baier, R. 1-18527
- Pettersson, C.S. see Angiello, J. 1-47406
- Pettersson, C.S. see d'Haurle, F.M. 1-42646
- Pettersson, C.U., Edholm, P., Granlund, G.H., Knutsson, H. Ectomography—a new radiographic reconstruction method. II. Computer simulated experiments 1-22112
- Pettersson, C.U. see Knutsson, H.E. 1-22111
- Pettersson, J. see Musser, H.E. 1-8008
- Pettersson, L.-G. see Hussain, Z. 1-39216
- Pettersson, L.-G. see Johansson, L.I. 1-12633
- Peterstrom, S. see Alestig, G. 1-2990
- Petrot, J.F. see Gautier, A. 1-28674
- Petford, A.D. see Selby, M.J. 1-4913
- Pethick, C.J., Smith, H. Charge imbalance in non-equilibrium superconductors 1-25828
- Pethick, C.J. see Epstein, R.I. 1-54473, 1-54529
- Pethick, C.J. see Ivlev, B.I. 1-30886
- Pethick, C.J. see Salomaa, M. 1-2741
- Pethick, R.A. see Dugue, C. 1-20322
- Petiau, G., Dupis, A. Noise, temperature coefficient, and long time stability of electrodes for telluric observations 1-40215
- Petiau, J. see Badiali, J.P. 1-31231
- Petiau, J. see Loupias, G. 1-26300
- Peticolas, W.L., Strommen, D.P., Lakshminarayana, V. The use of resonant Raman intensities in refining molecular force fields for Wilson G-F calculations and obtaining excited state molecular geometries 1-24152
- Peticolas, W.L. see Rodgers, E.G. 1-33470
- Peticolas, W.L. see Yager, P. 1-8897
- Petik, K.Dzh. see Ivlev, B.I. 1-7794
- Petilli, M., Perey, F.G. The L54 reactor spectrum 1-50988
- Petin, V.G., Komarov, V.P., Skvortsov, V.G. Combined action of ultrasound and ionizing radiation on yeast cells 1-13287
- Petit, C. see Lecordier, J.C. 1-262
- Petit, C. see Paranthoen, P. 1-36659
- Petit, C. see Ropars, F. 1-52662
- Petit, C.-C. see Casanova, A. 1-26651
- Petit, J.A., Dabosi, F. An ellipsometric approach to localized corrosion processes 1-31718
- Petit, J.C. see Dran, J.C. 1-41186
- Petit, J.-P., Billiet, M., Viton, M. Magnetohydrodynamic spiral current accelerators 1-42215
- Petit, M. see Bacmann, J.-J. 1-42396
- Petit, M.C. see Cid, M. 1-48577
- Petit, M.C. see Pauthe, J.J. 1-26672
- Petit, P., Desaintfussien, M., Audoin, C. Temperature dependence of the hydrogen maser wall shift in the temperature range 295-395K 1-50094
- Petit, P. see Calvetti, M. 1-14778
- Petit, P. see Jardino, M. 1-44872
- Petit, R. (editor) Electromagnetic theory of gratings 1-44728
- Petit, R.H., Ferre, J., Duran, J. Intrinsic fluorescence of an Ising antiferromagnet, DyPO_4 , in a magnetic field 1-43172
- Petit-Maire, N. see Gaven, C. 1-54150
- Petitclerc, T. see Gougouet, L. 1-8838
- Petite, G., Johnson, B.C., Lange, W.K.H., Salour, M.M. Observation of unidirectional amplified spontaneous emission induced by velocity-dependent light shifts 1-6209
- Petitier, H., Crochet, D., Forst, H. Advantages of the Biplane Angioskop system in Angiocardiology and coronary angiography 1-43946
- Petitjean, A. see Ferreira, E.S. 1-10100
- Petit, G.A. see Gavron, A. 1-33270
- Petit, G.A. see Young, G.R. 1-14534
- Pet'kin, N.V. see Grigin, A.P. 1-51779
- Petkov, I.Zh. see Antonov, A.N. 1-10374, 1-23628
- Pet'kov, V.V. see Azamatova, F.I. 1-35235
- Petkov, V.V. see Larikov, L.N. 1-20199
- Petkova, E. see Ivanov, K.I. 1-9853
- Petkovic, T. On the problem of absolute determination of source strength by analysis of characteristic gamma emission lines 1-1002
- Petkovic-Luton, R.A. see Sellars, C.M. 1-26481
- Petkovsek, J., Rankel, K. Measurement of three-dimensional displacement by four small holograms 1-14102
- Petnikova, V.M. see Ivakhnik, V.V. 1-1648
- Petnikova, V.M. see Voronin, E.S. 1-33632
- Peto, G., Kanski, J., Lovas, A., Sasvari, J. Investigation of amorphous-crystalline transition in Fe-B metallic glasses by photoemission 1-48242
- Petot-Ervas, G. see Maluenda, J. 1-42777
- Petr, R.A. see Barrett, D.M. 1-25110
- Petrac, D. see Mason, P. 1-47324
- Petracchi, D. see Ascoli, C. 1-4398
- Petraco, N. see Resua, R. 1-15276
- Petrak, K. Preparations for the protection of persons for the first entry into the highly contaminated reactor building in the nuclear power station TMI-2 1-23856
- Petrak, K.L., Bumfrey, T.J. The effect of glucose on the permeability of poly(vinylpyrrolidone) films to oxygen 1-47299
- Petrakian, J.P., Rasiigni, M. Optical-absorption spectrum of indium in terms of the Ashcroft and Sturm theory 1-39171
- Petrakiev, A., Koleva, I.V., Dittirich, K., Kapicka, V. On certain possibilities of using equidensitometry in the study of high-voltage pulse discharges 1-19956
- Petrakiev, A. see Dunchev, L. 1-10012
- Petrakiev, A. see Humlicek, J. 1-332
- Petrakiev, A. see Mohamad, S.Z. 1-15651
- Petrakiev, A. see Oreshkov, T. 1-19955
- Petrakov, V.N. see Murugov, V.M. 1-46924
- Petrakovskaya, E.A. see Velichko, V.V. 1-26028
- Petrakovskii, G.A., Loseva, G.V., Sokolovich, V.V., Ikonnikov, V.P., Baranov, A.V., Ovchinnikov, S.G. High temperature ferromagnetism and the metal-semiconductor transition in an iron chromium sulfide-sulfo 1-34630
- Petrakovskii, G.A., Tsuya, N., Gusyatskii, G.F., Arai, K.I., Ohmori, K., Smokotin, E.M. Magnetoelastic properties of cobalt-substituted yttrium iron garnet 1-26006
- Petrakovskii, G.A. see Piskorski, V.P. 1-21014
- Petravovskii, V.P. see Bogomolov, V.N. 1-2978
- Petrarca, S. see Altarelli, G. 1-50419
- Petrash, V.V., Belyakov, N.A., Os'nak, A.R., Golokhvastov, N.N., Serikov, V.B. Strain-gauge analyzer for blood microclots 1-49136
- Petrashen, V.E., Yablakov, Yu.V., Davidovich, R.L. The lattice structure parameters and configuration of Cu^{2+} Jahn-Teller centres in Tutton salt crystals 1-3248
- Petrashko, V.V. see Sirota, N.N. 1-44928
- Petrasso, R. see Chase, R.N. 1-51988
- Petrauskas, A.K., Bondarev, V.M., Jankauskas, K.J., Bucys, K.I. Electromagnetic moments and transition probabilities in the unitary scheme 1-18562
- Petrzhak, K.A. see Alkhabazov, I.D. 1-28507
- Petreia, I.C., Stanescu, C.A., Cojocaru, M., Barna, E. Dielectric properties of plasticized elastomer mixtures 1-34968
- Petrie, F. see Bellomo, P. 1-6021
- Petrenchuk, O.P. On the budget of sea salts and sulfur in the atmosphere 1-44250
- Petrenko, A.D. Acoustic crystal activity induced by light wave 1-52234
- Petrenko, I.E. see Pereyaslova, N.K. 1-36127
- Petrenko, P.V. see Zubchenko, V.S. 1-8442
- Petrenko, V.F. see Kirichenko, L.G. 1-25659
- Petrenko, V.F. see Zaretskii, A.V. 1-52567
- Petrenko, V.T., Oleksienko, M.M., Tikhonovskii, M.A., Berdnik, A.P., Somov, A.I., Tikhinskii, G.F. Influence of microstructure on the superconducting properties of dilute copper-niobium alloys 1-3086
- Petrenko, Yu.A. Conditions and perspectives for development of hydrotype printing of color films at Leningrad film printing factory 1-23341
- Petrera, S. see Allasia, D. 1-23495
- Petrescu, V. The influence of temperature on manometers with tubular elastic elements 1-32977
- Petretis, B., Rinkunas, R. Charged particle flux in selenium sputtering 1-16650
- Petretis, B., Rinkunas, R. Investigation of stabilization of the electrophotographic parameters of freshly sputtered selenium layers 1-42823
- Petretis, B. see Barna, P.B. 1-39235
- Petri, K.D., MacKinnon, A., Kramar, B., Krusius, P. Density of states, charge densities and autocorrelation function of the electronic ground state in orthorhombic sulfur 1-37106
- Petri, M. Speech treatment: recognition and voice synthesis 1-33857
- Petri, R., Schnabel, E., Schwaab, P. On the influence of the alloying elements on the transformation and precipitation processes during cooling of creep-resistant tube steels after austenitizing. I. Chromium-molybdenum steels 1-31454
- Petric, M. see Johnson, T.R. 1-48876
- Petrides, A. see Deden, H. 1-28311
- Petrides, A. see Fritze, P. 1-14431

- Petrie, A.M. An experimental investigation of jet screech by air jet impingement on solid boundaries 1-6882
- Petrie, D.J., Epstein, M., Linehan, J.H., Lambert, G.A., Stachyra, L.J. Solidification in two-phase flow 1-10485
- Petrie, D.J. see Epstein, M. 1-5972
- Petrie, S.P., Dibenedetto, A.T., Miltz, J. The effects of stress cracking on the fracture toughness of polycarbonate 1-48496
- Petrie, T.W., Rawls, J.M. Burn control via regulated ripple applied to reactor-grade plasmas 1-28699
- Petrig, B. see Riva, C.E. 1-17387
- Petrik, G.V. see Krylov, S.V. 1-13437
- Petrik, O. Design of a high resolution fine positioner 1-5293
- Petrikevich, B.B. see Gradov, V.M. 1-46661
- Petrikhin, Yu.V. see Al'tudov, Yu.K. 1-52163
- Petrillo, V. see Bornatici, M. 1-46882
- Petrina, D.Ya., Rebenko, A.L. Projection-iteration method of solution of the equations of quantum field theory and its connection with the theory of renormalization. The equations of quantum field theory and improperly posed problems of mathematical physics 1-5503
- Petrina, D.Ya. see Gerasimenko, V.I. 1-27860
- Petrini, G. see Garbassi, F. 1-8630, 1-53048
- Petrini, V. see Maistrello, M. 1-13414
- Petris, L. A phenomenological nucleon-nucleon interaction 1-41061
- Petrivskii, R.I. see Dikii, I.I. 1-53353
- Petro, W., Gahlen, G., Korn, V. Patient-referred application of a new analytical method for the determination of the functional residual capacity 1-22146
- Petrochenko, A.F. see Grachev, B.D. 1-31251
- Petrochenko, S.I. see Basilevsky, M.V. 1-53422
- Petroff, J.F., Sauvage, M., Riglet, P., Hashizume, H. Synchrotron-radiation plane-wave topography. I. Application to misfit dislocation imaging in III-V heterojunctions 1-20223
- Petroff, J.F. see Riglet, P. 1-11756
- Petroff, P. see Aston, D. 1-14399, 1-45297, 1-50442
- Petroff, P. see Ferrer, A. 1-50463
- Petroff, P.M., Logan, R.A. Structure and composition of interfaces between $Ga_{1-x}Al_xAs$ and $GaAs$ layers grown by liquid phase epitaxy (LPE) 1-16350
- Petroff, Y., Thiry, P. Angle resolved photoemission in solids 1-31300
- Petroff, Y. see Bazin, C. 1-23880, 1-41264
- Petroff, Y. see Chandris, D. 1-52476
- Petroff, Y. see Guichard, G.M. 1-52620
- Petroff, Y. see Houzay, F. 1-8196
- Petrofsky, J.S. see Phillips, C.A. 1-4310
- Petroni, N.C., Maric, Z., Zivanovic, Dj., Vigier, J.P. Stable states of a relativistic bilocal stochastic oscillator: a new quark-lepton model 1-31152
- Petroni, N. Cufaro see Cufaro Petroni, N.
- Petronzio, R. see Barbieri, R. 1-14331
- Petronzio, R. see Curci, G. 1-14324
- Petronzio, R. see Fumanski, W. 1-23500
- Petropoulos, B. see Xanthakis, J. 1-54334
- Petrosian, A.G. see Asatryan, H.R. 1-26030
- Petrosian, V., Dana, R.A. Radiative transfer in dusty nebulae. III. The effects of dust albedo 1-49749
- Petroski, H.J., Glazik, J.L., Jr. Effects of cracks on the response of circular cylindrical shells 1-33314
- Petroski, H.J. see Glazik, J.L., Jr. 1-33315
- Petrosky, T.Y. see Mishima, N. 1-27702
- Petrosov, V.A. see Vasin, A.I. 1-34177
- Petrosyan, A.R., Saakyan, K.A., Khachikyan, E.E. Spectra of some double nuclei Markaryan galaxies 1-4982
- Petrosyan, A.R., Saakyan, K.A., Khachikyan, E.E. Spectral study of galaxies with ultraviolet excess and double and multiple nuclei. II. Galaxies with Seyfert features of the components of the nuclei 1-9660
- Petrosyan, G.L., Petrosyan, Kh.L., Pogosyan, M.Z. Methods of constructing deformation diagrams of a porous material based on tests on flat specimens 1-21682
- Petrosyan, K.B. see Arutyunyan, A.G. 1-33762
- Petrosyan, Kh.L. see Petrosyan, G.L. 1-21682
- Petrosyan, V.V. see Akopov, F.Kh. 1-35288
- Petrosyan, Zh.V. see Avakyan, R.O. 1-45494
- Petrov, A.A. see Kobas Aranda, M.M. 1-4134
- Petrov, A.A. see Kotikov, V.N. 1-17126
- Petrov, A.A. see Kukushkin, S.A. 1-25188
- Petrov, A.A. see Lifanov, I.I. 1-15381
- Petrov, A.A. see Zakorina, N.A. 1-2270
- Petrov, A.E. see Brezgunov, M.M. 1-16485
- Petrov, A.G. see Derzhanskiy, A. 1-48968
- Petrov, A.I., Kalachev, V.V. On the mechanism of formation of a channel in metal 1-38406
- Petrov, A.I. see Koval', S.S. 1-36059
- Petrov, A.I. see Monastyrnyi, E.A. 1-33622
- Petrov, A.L., Kuz'mina, G.A. Dependences of the energies of the E_1 and $E_1 + \Delta_1$ transitions on the composition of $(InAs)_{1-x}(CdTe)_x$ solid solutions with $x \leq 0.12$ 1-21173
- Petrov, A.P., Pigarev, I.N., Zenkin, G.M. Some evidence against Fourier analysis as a function of the receptive fields in cat's striate cortex 1-13238
- Petrov, A.P. see Lazebnik, D.B. 1-19977
- Petrov, A.P. see Verlan, A.F. 1-15643
- Petrov, A.S., Lishanskii, B.A., Rafales-Lamarka, E.E. Propagation of oscillations in two-phase disperse structured systems 1-11448
- Petrov, A.V., Bacharnikov, V.I., Godik, E.E., Sinis, V.P. Observation of the photoelectric effect connected with the excited states of small acceptors in Ge 1-20804
- Petrov, B.F. see Kraft, O.E. 1-683
- Petrov, D.V., Muck, B., Schtab, H. Emission and propagation of surface acoustic waves in multi-electrode systems 1-24645
- Petrov, D.V. see Kolosovskii, E.A. 1-51643
- Petrov, G.D. see Kutovoi, V.D. 1-2233
- Petrov, G.M. Note on the improvement of the accuracy of observations with reversible transit instruments 1-13689
- Petrov, G.M. see Aleksandrov, Yu.N. 1-13717
- Petrov, G.M. see Il'kin, M.I. 1-13690
- Petrov, G.S. see Buravoi, S.E. 1-44914
- Petrov, G.T. Physical conditions in the nuclei of type I Seyfert galaxies 1-9661
- Petrov, G.T. see Golev, V.K. 1-9672
- Petrov, G.T. see Yankulova, I.M. 1-22899
- Petrov, I.P. see Artemov, K.P. 1-45472
- Petrov, I.Yu. see Kalashnikov, A.M. 1-1037
- Petrov, K.I. see Porotnikov, N.V. 1-39289
- Petrov, L.N., Tishchenko, V.N., Chistov, A.S. Electrochemical corrosion factor in corrosion crack growth under stress 1-31751
- Petrov, M. see Simova, P. 1-30049
- Petrov, M.P. Diffraction and dynamic properties of photosensitive electrooptic media 1-46257
- Petrov, M.P., Grachev, A.I. Bulk photogalvanic effects in sillenite-type crystals 1-25761
- Petrov, M.P., Khomenko, A.V., Marakhonov, V.I., Shlyagin, M.G. Transients in a space-time light modulator 1-33797
- Petrov, M.P., Stepanov, S.I., Miridonov, S.V., Kulikov, V.V. Holographic writing and image processing in $Bi_{12}SiO_{20}$ crystals 1-19296
- Petrov, M.P. see Chekmarev, V.P. 1-21083
- Petrov, M.P. see Gladkovskiy, I.P. 1-10605
- Petrov, M.P. see Kamshilin, A.A. 1-33642
- Petrov, M.V. see Karapetian, V.E. 1-48155
- Petrov, N.A. see Matveyev, Y.S. 1-31266
- Petrov, N.S. see Biba, T.S. 1-46268
- Petrov, N.S. see Boiko, B.B. 1-6429
- Petrov, S.V., Krivitsun, I.V., Gubarevich, V.N., Kaban, V.P. Analysis of an oscillatory system based on inductive-capacitive converters—DC plasmatron 1-25080
- Petrov, S.V. see Bazhan, A.N. 1-52760
- Petrov, S.V. see Belyaeva, A.I. 1-34907
- Petrov, S.Ya. see Berezovsky, E.L. 1-38052
- Petrov, V.A. A priori and unitary restrictions on characteristics of multiple production processes 1-36852
- Petrov, V.A. see Andrianova, V.G. 1-25071
- Petrov, V.A. see Bitukov, V.K. 1-18234
- Petrov, V.A. see Dvurechenskii, A.V. 1-12495, 1-39060
- Petrov, V.A. see Gaisanyuk, A.V. 1-47759
- Petrov, V.A. see Komlev, V.G. 1-30430
- Petrov, V.G. see Nedospasov, A.V. 1-24949
- Petrov, V.I., Bobovich, Ya.S. Stimulated Raman scattering in imperfect crystals 1-6612
- Petrov, V.I. see Azimov, S.A. 1-50473
- Petrov, V.K. see Klotyn'sh, E.E. 1-3014
- Petrov, V.M. see Bengin, V.V. 1-22650
- Petrov, V.N. see Simonov, B.M. 1-52414
- Petrov, V.V. see Gagarinskiy, A.Yu. 1-28645
- Petrov, V.V. see Zholentz, A.A. 1-14381
- Petrov, V.Yu. see Danilov, G.S. 1-5543, 1-31314, 1-45165
- Petrov, Yu.B. see Sokolov, A.N. 1-12727
- Petrov, Yu.N. On structural sensitivity of perfect dislocation splitting in austenite 1-34348
- Petrov, Yu.N. see Krivosheina, D.A. 1-39297
- Petrov, Yu.N. see Prin', G.N. 1-43586
- Petrov, Yu.N. see Rapoport, L.S. 1-31675
- Petrov, Yu.V., Shlyakhter, A.I. The distribution of thermal neutron cross sections 1-45502
- Petrov, Yu.V. see Garusov, E.A. 1-28642
- Petrova, A.A. see Davletov, A. 1-17302
- Petrova, A.G. see Burgov, V.Ya. 1-51579
- Petrova, A.I., Cherkasov, M.R. Collisional broadening of the inversion spectrum lines of ammonia. Broadening by an intrinsic gas 1-29044
- Petrova, D.S. see Antonov, V.A. 1-16601
- Petrova, E.M. see Bovkun, G.A. 1-31679
- Petrova, E.M. see Verkhotorov, A.D. 1-39465
- Petrova, G.S. see Ryabokobylko, Yu.S. 1-6284
- Petrova, I.V. see Kuzhevskiy, B.M. 1-22649
- Petrova, L.N. see Zinov'ev, V.E. 1-25945
- Petrova, M., Atanasov, P., Christov, Ch. Effect of organic additives on the upper laser level relaxation rate and the gain of a TE CO_2 laser 1-6539
- Petrova, M.A. see Anan'eva, G.V. 1-39232
- Petrova, M.A. see Korobleva, S.L. 1-26214
- Petrova, M.L. see Rachev, I.B. 1-4385
- Petrova, T. see Pangelova, N. 1-8591
- Petrova, T.N. see Vedrinskaya, G.A. 1-13394
- Petrova, W., Stotzel, H., Teubner, W., Kluge, G., Supitz, P. Optical investigation of modified a-GeSe:Fe, films 1-26293
- Petrovan, S. see Oprea, K. 1-31548
- Petrovic, J. see Stevula, L. 1-39231
- Petrovic, V., Ristic, M.M. Isochronal and isothermal grain growth during sintering of cadmium oxide 1-35223
- Petrovic, V. see Miljanic, P.N. 1-36699
- Petrovic, V. see Stanisic, G. 1-16749
- Petrovic, V. see Stefanovic, D.C. 1-53126
- Petrovic, Z.Lj. see Urosvic, V.V. 1-15025
- Petrovich, F., Love, W.G., Picklesimer, A., Walker, G.E., Siciliano, E.R. Differences in the structure of isoparal and isovektor 'stretched' excitations in ^{24}Mg and ^{28}Si 1-5729
- Petrovich, F. see Bacher, A.D. 1-23542
- Petrovich, F. see Kelly, J. 1-28388
- Petrovich, I.L. see Evstropov, V.V. 1-19343
- Petrovich, P.I. see Barkova, L.A. 1-14955
- Petrovich, P.I. see Gruzinskii, V.V. 1-33679
- Petrovikh, J. see Barth, M. 1-41018
- Petrovikh, Y. see Barth, M. 1-45377
- Petrovskaya, L.I. see Prodan, E.A. 1-39600
- Petrovskii, G.T., Agafonova, K.A. Waveguide structures for integrated optics based on glassy materials 1-46596
- Petrovskii, G.T., Shcheglova, Z.N., Evtushenko, I.V. Some properties of glasses in the $Na_2O-Nb_2O_5-P_2O_5$ system 1-42319
- Petrovskii, G.T. see Leydort, R.A. 1-26157
- Petrovskii, V.A., Turkin, T.M. The behavior of crystal-growth rates in time 1-25187
- Petrovskii, V.Ya., Gervits, E.I., Lebedinskaya, L.B. Determination of the dielectric characteristics of powders at superhigh frequencies 1-39025
- Petrovsky, J. see Janca, J. 1-3949
- Petru, F. Some problems of a laser interferometric measuring system 1-14172
- Petru, F., Krsek, J., Papela, B., Stejskal, A. Laser interference measurement system and its application 1-40842
- Petru, F., Vesela, Z. Principles of laser interferometers 1-28056
- Petru, F. see Vesela, Z. 1-32225
- Petrushin, A.A. see Kokoulin, R.P. 1-10289
- Petrushin, A.I. see Antipov, Yu.M. 1-5663, 1-45376
- Petrushin, A.I. see Markovich, I.E. 1-11562
- Petrushin, E.A. see Birman, A.Ya. 1-41752
- Petrushchev, A.S., Smirnov, A.I. Plasma metallization of powders 1-16916
- Petrushchev, V.A. see Fedorov, V.B. 1-17113
- Petrutrin, V.F., Sorokin, N.I., Borovinskaya, I.P., Pityulin, A.N. Stability of cubic tantalum nitrides during heat treatment 1-39326
- Petrutrin, V.F. see Morokhov, I.D. 1-26775
- Petrutrina, T.I. see Dzheyladin, R.I. 1-45369
- Petrutrin, T.I. see Viktorov, A.A. 1-10221
- Petrut'kin, A.M. see Ljaptev, A.V. 1-41330
- Petrut'kin, V.Yu. see Dudkin, V.I. 1-26077
- Petrushenko, Yu.E. see Bogdankevich, O.V. 1-33684
- Petrushin, G.D. see Golovin, S.A. 1-12823, 1-42461
- Petrushin, G.D. see Renne, I.I. 1-21573
- Petry, W., Vogl, G., Mansel, W. Determination of interstitial sites of localized diffusion from interference of Mossbauer γ radiation 1-21096
- Petrykowski, A.C. see Taylor, P.N. 1-40094
- Petrziika, V.A. see Klima, R. 1-29876
- Petschke, R.G. Defects and the central peak in $SiTiO_3$ 1-2440
- Petsko, G.A. see Frauenfelder, H. 1-8811
- Pettengill, G.H., Campbell, D.B., Masursky, H. The surface of Venus 1-13716
- Pettengill, G.H. see Ostro, S.J. 1-22710
- Pettersen, B.R., Griffin, R.F. Non-emission-line flare stars 1-49685
- Pettersen, B.R. see Evans, D.S. 1-9485
- Pettersen, J.A. Accretion disks in cataclysmic variables. I. The eclipse-related phase shifts in DQ Herculis and UX Ursae Majoris 1-36327
- Pettifer, R.E.W. see Sherwood, J.R. 1-9284
- Pettifer, R.F. The determination of the structure of some chalcogenide glasses by extended X-ray absorption fine structure 1-20077
- Pettinger, B. Surface enhanced Raman spectroscopy of pyridine on Ag electrodes. Evidence for overtones 1-52932
- Pettinger, B., Philpott, M.R., Gordon, J.G., II. Contribution of specifically adsorbed ions, water, and impurities to the surface enhanced Raman spectroscopy (SERS) of Ag electrodes 1-48056
- Pettinger, B., Wenning, U., Wetzel, H. Surface plasmon enhanced Raman scattering frequency and angular resonance of Raman scattered light from pyridine on Au, Ag and Cu electrodes 1-35053
- Pettinger, B., Wetzel, H. Surface enhanced Raman spectroscopy of pyridine on Ag electrodes. Surface complex formation 1-52931
- Pettiniger, B. see Wetzel, H. 1-8605, 1-52930
- Pettini, M., Mazzoni, M., Tozzi, G.P. Excitation of the inner 4d shell of neutral iodine 1-51173
- Pettini, M. see Cantu, A.M. 1-51175
- Pettit, F.S. see Giggins, C.S. 1-3981

- Pettit, F.S. see Meier, G.H. 1-30595
 Pettit, R.B., Freese, J.M. Wavelength dependent scattering caused by dust accumulation on solar mirrors 1-13088
 Pettit, R.B. see Holloway, P.H. 1-12996
 Pettit, S. see Shin-Tsu Lu 1-22064
 Pettitt, B.M. see Matcha, R.L. 1-10862
 Petty, M.C., Dharmadasa, I.M., Roberts, G.G. Electrical properties of CdTe:Cl 1-7624
 Petuchowski, S.J. see DeTemple, T.A. 1-19070
 Petuchowski, S.J. see Durschlag, M.S. 1-41808
 Petukh, M.L., Shirokanov, A.D., Yankovskii, A.A. Use of laser pulses with electric discharges for atomic absorption analysis 1-53515
 Petukh, M.L. see Safonova, E.P. 1-17136
 Petukhov, A.G. see Bazhenov, V.K. 1-3817
 Petukhov, A.P., Andreev, Yu.V., Olesk, A.O. The liquidus surface on the phase diagram of the Pb-Sn-Te system 1-38510
 Petukhov, A.P., Andreev, Yu.V., Olesk, A.O. Refinement of the position of the low-temperature part of the liquidus surface in the Pb-Sn-Te system 1-42516
 Petukhov, B.S. see Maksin, P.L. 1-15544
 Petukhov, B.V., Yudovina, T.S. Algorithm for calculating the exposure parameters for additive color photographic printing 1-366
 Petukhov, B.V. see Mintis, R.G. 1-11803
 Petukhov, E.K. see Litovskii, E.Ya. 1-27969
 Petukhov, P.A. see Zakharov, I.S. 1-42870
 Petukhov, S.I. see Krymskii, G.F. 1-36121
 Petukhov, V.A. State of dilatometric measurements at high temperatures 1-19554
 Petukhova, L.V. see Tyutikov, A.M. 1-53023
 Petunin, A.N. see Ilijin, Yu.S. 1-28063
 Petunina, I.N. see Musatov, M.I. 1-20212
 Petushkov, A.A., Manchuk, V.A. Background count rate in an alpha radiometer employing surface-barrier AuSi detectors 1-1013
 Petuskey, W.T. see Meyers, C.E. 1-39325
 Petviashvili, V.I. The red spot of Jupiter and drift solitons in plasma 1-44480
 Petviashvili, V.I., Perepelkin, N.F., Suprunenko, V.P., Vasil'ev, M.P., Kulaga, A.E. Two-dimensional Langmuir solitons and the discreteness of the UHF radiation spectrum of the plasma 1-6971
 Petviashvili, V.I. see Moiseev, S.S. 1-51749
 Petzelt, J. see Volkov, A.A. 1-26314
 Petzmez, G. see Evangelista, C. 1-45354
 Petzow, G. see Claussen, N. 1-16797
 Petzow, G. see Dörner, P. 1-53155
 Petzow, G. see Friederich, K.M. 1-8278
 Petzow, G. see Gauckler, L.J. 1-16763
 Petzow, G. see Kaysser, W.A. 1-3662, 1-53206
 Petzow, G. see Kraft, W. 1-26424
 Petzow, G. see Schneider, G. 1-31446
 Peube, J.-L., Salem, A. Theoretical and experimental study of a liquid film flow around a horizontal cylinder in the smooth laminar case 1-42007
 Peugnet, C., Roche, M., de Villers, P., Savy, C., Sibille, G. Experimental and theoretical study of the equation of state of carbon using an intense beam of relativistic electrons 1-2588
 Peuker, K., Suisky, D., Boyn, R., Enderlein, R. Multiphonon structure of optical transitions to impurity resonance states 1-47550
 Peura, R.A. see Meisner, J.S. 1-13342
 Peuron, U.A. see Chen, W.Y. 1-906
 Peuser, P. see Gaggeler, H. 1-18666
 Peuzin, J.C. see Olivier, M. 1-53004
 Peuzin, J.-C. see Olivier, M. 1-48179
 Pevgov, V.G. see Aleksandrov, N.L. 1-38083
 Pevgov, V.G. see Dem'yanov, A.V. 1-42248
 Pevgov, V.G. see Zhdanok, S.A. 1-46303
 Pevsner, A. see Stroynowski, R. 1-18522
 Pevsner, V.F. see Bogdankevich, O.V. 1-33684
 Pezner, E.M., Pospelov, E.P. Synthesis of plunger electromagnets with given static characteristics 1-40825
 Pezner, L.M. see Nikol'skaya, V.L. 1-3737
 Pezner, M.B. see Lisker, I.S. 1-12133
 Peyaud, B., Rander, J., Tarte, G. Right-left ambiguity resolution using field corrector readout in a large planar drift chamber 1-14758
 Peyerimhoff, S.D. see Romelt, J. 1-33370
 Peyera, R.A. see Zartov, G.D. 1-1679
 Peykov, P. Statistical analysis of the parameter characterizing non-equilibrium relaxation processes in MOS structures 1-16369
 Peyrade, J.P., Groh, P., Cottu, J.P. Solid solution softening in iron-carbon alloys 1-26487
 Peyral, P. see Raboutou, A. 1-3099
 Peyrard, J. see Berton, A. 1-52793
 Peyre, H., Duval, P., Henry, L. Fresnel diffraction of elastic and inelastic scattered electrons by semi-transparent specimens 1-19254
 Peyrou, C. see Deden, H. 1-28311
 Peyrou, C. see Fritze, P. 1-14431
 Peyrou, Ch. see Allen, P. 1-36857
 Peyrou, Ch. see Blieschau, J. 1-10190
 Peyrou, Ch. see Grassler, H. 1-50414
 Peyser, P., Bascom, W.D. The anomalous lowering of the glass transition of an epoxy resin by plasticization with water 1-38517
 Pezat, M., Darriet, B., Hagenmüller, P. A comparative study of magnesium-rich rare-earth-based alloys for hydrogen storage 1-21938
 Pezat, M. see Darriet, B. 1-20560, 1-43825
 Pezat, M. see Senegas, J. 1-38996
 Pezeril, M., Emery, J., Fayet, J.C. EPR investigations of commensurate-incommensurate structural phase transitions through 'forbidden hyperfine lines'. Application to $Rb_2ZnCl_4Mn^{2+}$ 1-16039
 Pezzati, E. see Schiraldi, A. 1-20749, 1-21435
 Pezzello, J.A. see Ginsberg, A.P. 1-50727
 Pfab, J. see Ernsting, N.P. 1-10783
 Pfaffenberger, H. see Hadrich, W. 1-40754
 Pfaffrod, G.O. see Krauya, U.E. 1-49047
 Pfann, J. The simulation of transients in the WWER horizontal type steam generators 1-5894
 Pfannenschmidt, E.L. see Hill, G. 1-4924
 Pfannenstiel, P. 30 years of nuclear medicine 1-22110
 Pfannes, H.-D. see Shigematsu, T. 1-21095
 Pfau, S., Rutscher, A. Electric characteristic and degree of dissociation of the positive column in neon/hydrogen glow discharges 1-15678
 Pfau, S. see Michel, P. 1-2152, 1-6927, 1-34133
 Pfau, W., Friedemann, C. New red variable stars in two fields in Cepheus and Cygnus 1-4917
 Pfautsch, J.D. see Letaw, J.R. 1-154
 Pfefferbaum, A., Ford, J.M., Roth, W.T., Kopell, B.S. Age differences in P3-reaction time associations 1-17373
 Pfefferbaum, A., Ford, J.M., Roth, W.T., Kopell, B.S. Age-related changes in auditory event-related potentials 1-17401
 Pfefferbaum, A. see Roth, W.T. 1-26909
 Pfefferkorn, G., Brocker, W., Hastenrath, M. The cathodoluminescence method in the scanning electron microscope 1-18339
 Pfefferkorn, G. see Brocker, W. 1-17966
 Pfefferkorn, H. see Bangert, H. 1-30578
 Pfeifer, J. see Podor, B. 1-7761
 Pfeifer, J. see Radacsi, E. 1-21608
 Pfeifer, J.W. see Corcoran, W.R. 1-10503
 Pfeiffer, B., Nellessen, W. Spacelab follow-on development 1-32591
 Pfeiffer, B. see Blonnigen, F. 1-28784
 Pfeiffer, B. see Jung, G. 1-36904
 Pfeiffer, H. Influence of interface diffusion on crystal growth for one-component systems 1-11711
 Pfeiffer, H., Haubenreisser, W. Analytical theory of crystal growth of two-component systems. II. Nonequilibrium properties 1-7107
 Pfeiffer, H. see Baikov, Yu.A. 1-20094
 Pfeiffer, H.G., Kroboth, M.E. The conversion of coal to gas and liquid fuels 1-39726
 Pfeiffer, H.-J. see Daniel, H. 1-10872
 Pfeiffer, H.-J. see Pruijs, J.S. 1-50659
 Pfeiffer, I., Hock, S. Influence of laser irradiation on the properties of Cu alloys 1-38404
 Pfeiffer, R.S. see Shore, H.B. 1-47486
 Pfeiffer, T. Telecommunications as an aid to energy conservation 1-48849
 Pfeiffer, T. see Muskalla, K. 1-44885
 Pfeiffer, W., Leiti, A. The relation between luminous phenomena and discharge mechanism in SF₆ 1-7028
 Pfeiffer, W., Leiti, A. Spectroscopic investigation of breakdown development in SF₆ 1-15716
 Pfeiffer, W., Volker, P. Discharge formation in SF₆ for impulse voltage stress 1-11505
 Pfeiffer, W., Volker, P. DC and AC voltage strength of thermoplastic spacers in SF₆ 1-16524
 Pfeiffer, W., Volker, P. Influence of conductive particles on the DC-voltage strength of spacers in compressed SF₆ 1-19999
 Pfeiffer, W. see Rosenberg, M. 1-11552
 Pfeiffer, W.G. see Trindade, H.A. 1-17331
 Pfeifroth, L. Newtonian fluids as elastic materials with internal variables 1-40656
 Pfeil, A., Palmer, D.A., Kelm, H. A reinvestigation of the spectral characteristics of $[Co(NH_3)_4NCS_4](ClO_4)_2$ 1-14906
 Pfeiler, W. see Schrank, J. 1-16913
 Pfender, E. see Chen, D.M. 1-34165
 Pfender, E. see Eckert, E.R.G. 1-33956
 Pfeuty, P. see Dasgupta, C. 1-42941
 Pfeuty, P. see Julien, R. 1-5228, 1-42945
 Pfeuty, P. see Uzelak, K. 1-20992, 1-27887
 Pfeuty, P. see Wheeler, J.C. 1-26742, 1-52045
 Pfister, C.E. see Brimont, J. 1-25857, 1-42969
 Pfister, J.C. see Pautrat, J.L. 1-12067
 Pfister, O. see Edelmann, H. 1-39556
 Pfisterer, G.J., Jr. see Wertheimer, A.L. 1-48937
 Pflug, A. Gravitating fermions in an infinite configuration space 1-23103
 Pfluger, P., Ackermann, K.-P., Lapka, R., Schupfer, E., Jeker, R., Guntherodt, H.-J., Cartier, E., Heinrich, F. Concentration dependence of optical reflectivity and 2 γ -angular correlation distribution of positron annihilation in donor- and acceptor-intercalated graphite 1-39053
 Pfluger, P., Geiser, V., Stolz, S., Guntherodt, H.-J. Aspects of alkali metal intercalation and deintercalation in highly oriented pyrolytic graphites 1-48291
 Pfluger, P. see Cartier, E. 1-43208
 Pfluger, P. see Oelhafen, P. 1-48238
 Plumm, H. see Corne, A. 1-45798
 Pfromt, G., Tietz, H.-D., Weigt, D. Determination of the elastic modulus of cast iron with lamellar graphite 1-26524
 Piff, M. see Mertins, H. 1-5845
 Pfutzner, H. Applications of Hall generators compared to other methods of field strength measurement when testing electric steel sheets 1-23194
 Phach Vu Duy see Vu Duy Phach
 Phadke, S.A. see Mitra, S.C. 1-40626
 Phaff, A.C. see Swuste, C.H.W. 1-25880
 Phakey, P.P. see Zyberty, J.J. 1-7226
 Phalippou, J., Jabra, R., Zarzycki, J. Internal friction of alkali-borate and alkali-borosilicate glasses 1-7253
 Phalippou, J. see Jabra, R. 1-31411
 Phalswal, D.R., Dube, A. Parametric instabilities in a magnetized and collisional plasma 1-42149
 Pham, C.C. see Strobel, M.P. 1-51230
 Pham, H.M. see Kussmaul, K. 1-35384
 Pham, V.V. see Brodin, J. 1-15372
 Pham, X.Y. Hadronic decays of charmed D⁺, D⁰ mesons and their lifetimes 1-10200
 Pham, X.Y. see Bace, M. 1-28314
 Pham Xuan Yem see Xuan Yem Pham
 Phan, H.V. see Desai, C.S. 1-24692
 Phan Xuan Ho see Goutte, D. 1-14443
 Phan-Thien, N. Flow enhancement mechanisms of a pulsating flow of non-Newtonian liquids 1-34016
 Phan-Thien, N. On the effect of parallel and transverse stationary random surface roughness in hydrodynamics lubrication 1-39463
 Phan-Thien, N. see Antonia, R.A. 1-1926, 1-13507
 Phanasgaonkar, D.S. see Nabar, M.A. 1-7142
 Phaoibul, O., I-Ming Tang Nematic isotropic transition temperature of binary nematic liquid crystal mixtures 1-38518
 Phariseau, P. see Rothier, R. 1-7165, 1-25656
 Pharak, P. see Champy, M. 1-8962
 Phatak, S.C. Impulse-approximation correction in pion-nucleus optical potential 1-28502
 Phelene, M.J. French solar energy program and its application for international cooperation 1-21856
 Phelps, A.V. see Muller, C.H., III 1-42228
 Phelps, A.V. see Pitchford, L.C. 1-37367
 Phelps, A.V. see Tachibana, K. 1-37135, 1-37334
 Phelps, E.H. see Wilde, B.E. 1-43582
 Phelps, F.W. see Einhorn, A.J. 1-8097
 Phelps, H.R., Long, E.R., Jr. Property changes of a graphite/epoxy composite exposed to nonionizing space parameters 1-48615
 Phelps, M.E. see Schelbert, H.R. 1-32241
 Phelps, P.J. see Hulme, G. 1-28586
 Phermetton, T.M. see Stock, M.K. 1-13268
 Phien, H.N., Arbabihirama, A., Sutabutr, P. Sediment volume accumulated in a reservoir having correlated inflows 1-32477
 Philander, S.G.H. The Equatorial Undercurrent revisited 1-13487
 Philibert, M., Billard, M., Fertin, G., Lefevre, J. Thermal blooming of high power laser beams 1-37560
 Philbin, J.S. see Pickard, P.S. 1-10488
 Philen, D. see Davis, D.D. 1-26793
 Philibert, J. The plasticity of oxides 1-47150
 Philip, A.G.D. Horizontal-branch stars in the log T_{eff} log g diagram 1-22809
 Philip, A.G.D., Hayes, D.S. (editor) HR Diagram. The 100th Anniversary of Henry Norris Russell. IAU Symposium No.80 1-13937
 Philip, A.G.D. see Davis, P. Philip, A.G.
 Philip, M.T. see Kent, G.S. 1-22410
 Philipenko, L.A. see Adeev, G.D. 1-36963
 Philipp, A., Halbritter, J. On the temperature and 02 frequency dependence of the surface resistance of superconducting Nb 1-52722
 Philippe, E. see Clark, J.W. 1-32308
 Philippe, M. Surface thermal fronts in the Mediterranean as detected by NOAA5 satellite radiometer 1-32444
 Philippi, P.C., Brun, R. Kinetic modeling of polyatomic gas mixtures 1-51893
 Philippot, E. see Cros, B. 1-11725
 Philippot, E. see Jumas, J.C. 1-30155
 Philippot, J.C., Bovard, P., Pannetier, R. Analysis of uranium isotopic abundances by fine gamma spectrometry 1-31962
 Philippot, J.C., Lefevre, J. Real time operation of a multiple gamma measurement installation 1-23943
 Philippot, L.P. see Alekseev, V.A. 1-25450
 Philippi, V. Helium-diffusion in nickel bei hohen temperaturen (Helium-diffusion in nickel at high temperatures) 1-42584

- Phillips, C.M., Prenis, J., Santamore, W., Bove, A.A. Immediate recording of metal heart marker positions from biplane X-ray images 1-32245
- Phillis, J., Bolovinos, A., Andritopoulos, G., Pantos, E., Hamilton, T.D.S. Comment on confirmation of the 3s Rydberg assignment of fluorobenzene 1-41388
- Phillis, J., Pantos, E., Andritopoulos, G., Bolovinos, A., Ioannidou, A. Detection of the $\pi\pi^*$ E_g state in sym-tetrafluorobenzene 1-41392
- Phillips, G.D.J. Suppression of multiple scattering effects in quasielastic light scattering by homodyne cross-correlation techniques 1-43133
- Phillips, G.D.J. Contribution of nonhydrodynamic interactions to the concentration dependence of the friction factor of the mutual diffusion coefficient 1-52323
- Phillion, D.W. *see* Estabrook, K. 1-51926
- Philipp, F. *see* Baumgart, H. 1-47085, 1-52450
- Phillips, S., Fong, R., Shanks, T. Colour related properties of galaxies on deep Schmidt plates 1-36410
- Phillips, S. *see* Haslam, C.G.T. 1-44657
- Phillips, A.R., Buzawa, M.J. High resolution lens system for submicron photolithography 1-45060
- Phillips, B.F., Lares, N.E. A computer-based instrument control and data acquisition system for a quadrupole secondary ion mass spectrometry instrument 1-28121
- Phillips, B.F. *see* McIntyre, N.S. 1-16931
- Phillips, C.A., Petrofsky, J.S. Velocity of contraction of skeletal muscle as a function of activation and fiber composition: A mathematical model 1-4310
- Phillips, C.M. *see* Sivieri, E.M. 1-35927
- Phillips, C.R. *see* Busigin, A. 1-21787, 1-43842
- Phillips, C.R. *see* Kawah, M. 1-17499
- Phillips, C.S.G. *see* Perkins, N.D. 1-21812
- Phillips, C.S.G. *see* Scott, K.F. 1-21811
- Phillips, D. *see* Lennard, W.N. 1-12617, 1-45762
- Phillips, D.H. *see* Brewer, D.A. 1-26757
- Phillips, D.J., Powers, J.E., Eyer, M.K., Blackshear, W.M., Jr., Bodily, K.C., Strandness, D.E., Jr., Baker, D.W. Detection of peripheral vascular disease using the Duplex Scanner III 1-8933
- Phillips, D.J. *see* Eyer, M.K. 1-53844
- Phillips, D.J. *see* Powers, J.E. 1-24602
- Phillips, D.S., Heuer, A.H., Mitchell, T.E. Precipitation in star sapphire. I. Identification of the precipitate 1-11871
- Phillips, D.S., Heuer, A.H., Mitchell, T.E. Precipitation in star sapphire. II. Elastic accommodation of the precipitate 1-11872
- Phillips, D.S., Mitchell, T.E., Heuer, A.H. Precipitation in star sapphire. III. Chemical effects accompanying precipitation 1-11873
- Phillips, D.W. The influence of soil behaviour on the aseismic design of nuclear power plants. I. Material properties and modelling choices 1-36994
- Phillips, G.C. *see* Hofstee, J.H. 1-41142
- Phillips, G.L., II. *see* Glasgow, G.P. 1-35886
- Phillips, G.M. A survey of one-dimensional and multidimensional numerical integration 1-13994
- Phillips, G.N., Jr., Fillers, J.P., Cohen, C. Motions of tropomyosin. Crystal as metaphor 1-8800
- Phillips, G.N., Jr. *see* Weisel, J.W. 1-39881
- Phillips, G.O. *see* Edwards, H.E. 1-21751
- Phillips, G.O. *see* Heelis, P.F. 1-21750
- Phillips, J.C. Morphology of amorphous semiconductors 1-11680
- Phillips, J.C. Chemical bonding, internal surfaces, and the topology of non-crystalline solids 1-11686
- Phillips, J.C. Topological model for non-radiative carrier decay in chalcogenide alloy glasses 1-31182
- Phillips, J.C., Hodgson, K.O. The use of anomalous scattering effects to phase diffraction patterns from macromolecules 1-11639
- Phillips, J.C. *see* Aspnæs, D.E. 1-48115
- Phillips, J.C. *see* Lye, R.C. 1-53759
- Phillips, J.G., Davis, S.P., Galehouse, D.C. An infrared band system of the ZrCl molecule 1-4759
- Phillips, J.G. *see* Burbidge, G. (editor) 1-9785
- Phillips, J.M. *see* Turner, W.C. 1-35611
- Phillips, J.P., Beckman, J.E. The nature of the Kleinmann-Low nebula 1-4963
- Phillips, J.P., Reay, N.K., Worswick, S.P. Monochromatic isophotometry of NGC 2440 and 7009 1-4962
- Phillips, J.P., White, G.J. CO observations of the dark clouds Heiles 2, L 1333, L 1778 and L 129 1-36379
- Phillips, J.P. *see* White, G.J. 1-54596
- Phillips, J.R., Cobb, D.D. Nondestructive measurements on spent fuel for away-from-reactor storage facilities 1-18845
- Phillips, J.R. *see* Bosler, G.E. 1-45606
- Phillips, J.R. *see* Cobb, D.D. 1-14632
- Phillips, J.R. *see* Lee, D.M. 1-18970
- Phillips, L.V. Comparison of laser ionization and secondary ion mass spectrometry for organic materials analysis 1-31954
- Phillips, M.G. *see* Guild, F.J. 1-4028
- Phillips, M.M. *see* Graham, J.A. 1-4944
- Phillips, M.M. *see* Grandi, S.A. 1-9705
- Phillips, N.A. Two examples of satellite temperature retrievals in the North Pacific 1-22501
- Phillips, N.J., Gwynn, P.G., Ward, A.A. Modulation mechanisms in the holographic display 1-19294
- Phillips, P. *see* Davidson, E.R. 1-28886
- Phillips, P.J. *see* Edwards, B.C. 1-34244
- Phillips, P.S. *see* Herring, F.G. 1-7937
- Phillips, R. *see* Georgeson, M.A. 1-13249
- Phillips, R.A. *see* Chandler, G.S. 1-6136
- Phillips, R.A. *see* Shuping, R.E. 1-44024
- Phillips, R.B. *see* Mutel, R.L. 1-22913
- Phillips, R.H. Fractography and mechanisms of high-temperature cracking in ferritic steel weldments 1-39436
- Phillips, R.J., Malin, M.C. Ganymede: a relationship between thermal history and crater statistics 1-49568
- Phillips, R.J.N. Neutrino scattering bound on intrinsic charm of nucleon 1-50375
- Phillips, R.J.N. *see* Barger, V. 1-10125, 1-10279, 1-28258, 1-33144
- Phillips, R.W., Dods, J.W. Optical interference coatings prepared from solution 1-37563
- Phillips, S.J., Kongstahorn, C., Zeff, R.H., Iannone, L.A., Brown, T.M., Kreamer, R., Gordon, D.F. A new left ventricular assist device: clinical experience in two patients 1-44047
- Phillips, T.G. *see* Knapp, G.R. 1-9608, 1-44556
- Phillips, T.L. *see* Smith, V. 1-22125
- Phillips, W. *see* Metcalf, H. 1-28067
- Phillips, W.A. *see* Jones, D.P. 1-16003
- Phillips, W.D. *see* Olsen, P.T. 1-36602, 1-36702
- Phillips, W.F. Heat exchanger effectiveness for solar collectors 1-8748
- Phillips, W.F. Effects of stratification on the performance of solar air heating systems 1-53666
- Phillips, W.M. Nuclear electric power system for solar system exploration 1-13664
- Phillips, W.R.C., Head, M.R. Flow visualization in the tip region of a rotating blade row 1-19725
- Philp, S.F. *see* Reed, C.W. 1-15685
- Philpot, W.D., Klemas, V. Remote detection of ocean waste 1-21971
- Philpott, M.R. *see* Girlando, A. 1-35054
- Philpott, M.R. *see* Pettinger, B. 1-48056
- Philpott, M.R. *see* Seki, H. 1-38644
- Philpott, R.J. *see* Halderston, D. 1-640, 1-33265
- Phinney, E.S., Blandford, R.D. Analysis of the pulsar P-P distribution 1-36319
- Phinney, N. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Phinney, R.A. *see* Frazer, L.N. 1-27080
- Phipp, C.R., Jr. *see* Watkins, D.E. 1-41767
- Phipp, R.D. *see* Villarreal, R. 1-45613
- Phipp, T.E., Jr. Do metric standards contract? A reply to Cantoni 1-18003
- Phu Xuan Nguyen *see* Nguyen Phu Xuan
- Phukan, A.N. *see* Khanna, K.M. 1-7404
- Phulpin, T., Deschamps, P.Y. Estimation of sea surface temperature from AVHRR infrared channels measurements 1-27319
- Phung Le-Cong, Lovberg, R.H. Signal-to-noise improvement in laser Doppler velocimetry 1-33735
- Phuoc Loc Ta *see* Ta Phuoc Loc
- Pi So-Young *see* So-Young Pi
- Piacente, V. *see* Spoliti, M. 1-39699
- Piacentini, R.D. *see* Miraglia, J.E. 1-464, 1-46071
- Piacidi, M. *see* Atherton, H.W. 1-14529
- Piaget, C. *see* Jarry, P. 1-8245
- Piaggini, D. *see* Dupre, F. 1-20437
- Piagnet, J. *see* Robic, J.Y. 1-12242
- Pianetta, P.A. *see* Amano, J. 1-38391
- Piano Mortari, G. *see* Barranco Luque, M. 1-14745
- Piano Mortari, G. *see* Calvetti, M. 1-14778
- Piano-Mortari, G. *see* Esposito, B. 1-36868
- Piasecki, J. The runaway effect in a Lorentz gas 1-40731
- Piasecki, J., Colombeau, B., Vampouille, M., Froehly, C. Subpicosecond coherent analysis of the impulse response of optical fibers 1-46567
- Piasecki, J., Colombeau, B., Vampouille, M., Froehly, C., Arnaud, J.A. A new technique for measuring the impulse response of optical fibres 1-19433
- Piasetzky, E. *see* Navon, I. 1-5801
- Piatkowski, A. *see* Jasienksi, Z. 1-48412
- Piatti, G., Bardy, M. Superplasticity in aluminium-palladium eutectic alloy 1-43442
- Piau, M. *see* Molina, J.-P. 1-24553
- Piazzola, D. *see* Langlet, J. 1-1116
- Piazzoli, B. d'Etterre *see* d'Etterre Piazzoli, B.
- Piazzola, S. *see* Daino, B. 1-1709
- Piazzola, S. *see* de Marchis, G. 1-11128
- Pica, A.J., Pollock, J.T., Smith, A.G., Leacock, R.J., Edwards, P.L., Scott, R.L. Long-term optical behavior of 114 extragalactic sources 1-22911
- Picard, C., Kleppa, O.J. A thermodynamic study of the thorium-hydrogen system at 700K 1-30420
- Picard, E.J. *see* Abbes, M. 1-25474
- Picard, J., Guillot, M., Le Gall, H., Leycuras, C., Feldmann, P. Magnetic properties of single crystal NdF₃ in the liquid helium temperature region 1-25990
- Picard, J. *see* Balestri, B. 1-28343
- Picard, J. *see* Lelievre, J.-C. 1-11435
- Picard, J.P., Baud, G., Besse, J.P., Chevalier, R. Crystal growth and structural study of Co₃O₄ 1-20143
- Picard-Bersellini, A. *see* Brechnag, P. 1-29084
- Picardi, G. *see* Bucciarelli, T. 1-41934
- Picasso, E. *see* Combley, F. 1-45288
- Picat, J.P. *see* Sornette, B. 1-17801
- Piccarri, L. *see* Costa, B. 1-11147
- Picchi, P. *see* Bologna, G. 1-28817
- Picchio, G. Minimum of light curves from a spline-smoothing technique 1-44566
- Picciarelli, *see* Armstrong, T. 1-10254
- Picciarelli, V. *see* Armstrong, T. 1-10606
- Picciarelli, V. *see* Costa, G. 1-23516
- Picciarelli, V. *see* Di Gennaro, V. 1-5660
- Picciarelli, V. *see* Evangelista, C. 1-23515, 1-45354
- Piccinini, M. *see* Bardin, G. 1-45469
- Piccinini, R. *see* Morgan, C. 1-33120
- Piccoli, N. *see* Le Toullier, R. 1-35002
- Piccioni, A. *see* Bartolini, C. 1-17879
- Picco, P. *see* Abbati, I. 1-16177
- Picco, P. *see* Polignone, M.L. 1-34362
- Piccolo, R. *see* de Blasi, C. 1-3431
- Pieck, I., Tadic, D., Tramperic, J. Sign of $1/2^-$ resonance contributions to parity-violating NNp couplings 1-41062
- Pieck, I. *see* Galic, H. 1-473, 1-40962
- Piceni, H.A.L. *see* Van Ouerkerk, H.J. 1-39920
- Pichakhchi, G.I. *see* Abranyan, V.K. 1-48747
- Pichard, C.R., Tellier, C.R., Tosser, A.J. Three-dimensional analytical expressions of strain gauge coefficients of infinitely thick polycrystalline metal films 1-30844
- Pichard, C.R., Tellier, C.R., Tosser, A.J. Size effects in the thermal variations of the Hall coefficient 1-52666
- Pichard, C.R., Tellier, C.R., Tosser, A.J. Hyperbolic approximate form of the Mayadas-Shatzkes function 1-52667
- Pichard, C.R., Tosser, A.J., Tellier, C.R. Empirical results establishing the thermal independence of the grain-boundary reflection coefficient 1-52669
- Pichard, C.R. *see* Tellier, C.R. 1-16384, 1-47765
- Pichard, J.L., Sarma, G. Finite size scaling approach to Anderson localisation 1-40719
- Pichaud, B., Minari, F. (110) [110] slip in copper slightly deformed at room temperature 1-25285
- Piche, M., Belanger, P.A. Mode-locking of homogeneous gain lasers; closed form solutions 1-15198
- Piche, M., Belanger, P.A. Mode-locking by an intracavity plasma. I. Linear model 1-46405
- Pichurov, N.V. *see* Nikishov, A.I. 1-41474
- Pichler, G. *see* Zeza, D. 1-6188
- Pichoir, F. *see* Pouchou, J.-L. 1-21814
- Pichon, L., Huignard, J.P. Dynamic joint-Fourier-transform correlator by Bragg diffraction in photorefractive Bi₁₂SiO₂₀ crystals 1-51384
- Pichon, L. *see* Huignard, J.P. 1-6614
- Pichot, C. *see* Audet, J. 1-43939
- Pichot, C. *see* Nguyen, D.D. 1-22108
- Pichot, Ch. *see* Caron, A. 1-37647
- Pichtele, A.I., Fateev, B.P., Koval, A.A., Zaburdayev, A.N. Some aspects of gas mixture composition measurement by millimetre and submillimetre radiospectroscopy technique 1-31960
- Pichugin, A.P. *see* Akimov, Yu.K. 1-37059
- Pichugin, A.P. *see* Biryukov, Yu.A. 1-5645
- Pick, G.F. Level dependence of psychophysical frequency resolution and auditory filter shape 1-13253
- Pick, H.J. Research and development for energy and raw materials conservation 1-4167
- Pick, M., Raoult, A., Vilmer, N. Observations of solar type III radio bursts with the Nancy radioheliograph 1-4879
- Pick, M. *see* Kane, S.R. 1-22752
- Pick, M.A., Greene, M.G., Strongin, M. Uptake rates for hydrogen by niobium and tantalum: Effect of thin metallic overlayers 1-2633
- Pick, M.A. *see* Pande, C.S. 1-4124
- Pick, M.A. *see* Strongin, M. 1-11980
- Pick, M.E. The chemical form of ³⁵S in the coolant of CEBG nuclear reactors. Its environmental significance and determination 1-14641
- Pick, R.M. *see* Boissier, M. 1-25355
- Pick, R.M. *see* Krauzman, M. 1-26187
- Pick, S. Comment on the difference between Langevin and Ito theories of stochastic differential equations 1-14068
- Pick, S. Remarks on the Fermi contact interaction 1-18077
- Pick, S. *see* Tomasek, M. 1-20847

- Pickard, P.S., Philbin, J.S., Nelson, W.E., Straker, E. Neutronic sensitivity analysis of the SRM response for the TMI-2 accident 1-10488
- Pickart, S.J. *see* Sharma, Y.P. 1-30062
- Picken, R.F. New topological indices in SO(3) Einstein-Yang-Mills theory 1-32893
- Pickenhain, R., Unger, K. Properties of the *n*-th response of a Fermi gas 1-30651
- Pickens, J.F. *see* Grisak, G.E. 1-36009, 1-36010
- Pickering, C. *see* Adams, A.R. 1-18253
- Pickering, H.W. *see* Kato, C. 1-16965, 1-16966
- Pickering, H.W. *see* Katz, J.D. 1-43365
- Pickering, H.W. *see* Zamanzadeh, M. 1-7458
- Pickering, S. Kinetics of surface-layer formation on simulated nuclear waste glass 1-26643
- Pickett, D.F., Rogers, H.H., Tinker, L.A., Bleser, C.A., Hill, J.M., Meador, J.S. Establishment of parameters for production of long life nickel oxide electrodes for nickel-hydrogen cells 1-53603
- Pickett, H.M. Effects of velocity averaging on the shapes of absorption lines 1-33505
- Pickett, J.B. Hot cell studies of tritium removal and dissolution of an irradiated thorium fuel 1-18853
- Pickett, R.L. Observed and predicted Great Lakes winter circulations 1-32476
- Pickett, W.E. Local-density-functional approach to the isostructural γ - α transition in cerium using the self-consistent linearized-augmented-plane-wave method 1-42682
- Pickett, W.E., Freeman, A.J., Koelling, D.D. Self-consistent linearized augmented-plane-wave study of the electronic structure and superconductivity of FCC lanthanum under pressure 1-7514
- Pickett, W.E., Freeman, A.J., Koelling, D.D. *f*-electron bonding, electronic structure and phase transitions in lanthanum and cerium 1-47431
- Pickholtz, D. *see* Degani, N. 1-26952
- Picklesimer, A., Thaler, R.M. Effect of the Pauli principle in elastic scattering 1-36931
- Picklesimer, A. *see* Kowalski, K.L. 1-41084
- Picklesimer, A. *see* Petrovich, F. 1-5729
- Picklesimer, M.L. An estimate of the damage to the TMI-2 core 1-41176
- Pickman, D.O., Haste, T.J., Gittus, J.H., Bilsby, C.F. The modeling of pin distension and impingement in CANSWEL-2 1-41177
- Pickup, B.T., Sabo, D.W., Firsh, D. Transition functional schemes for molecular transition energies 1-28953
- Pickup, B.T. *see* Baker, J. 1-29142
- Pickup, B.T. *see* McWeeny, R. 1-10658
- Pickup, D.A. *see* Morris, C.S. 1-32665
- Pickup, M.N. An investigation into the variations of grass-minimum depressions 1-22432
- Pickworth, W.B. *see* Gupta, V.N. 1-32115
- Picman, L. *see* Cvetic, M. 1-36572
- Picobe, J.-C. *see* Yamada, O. 1-52773
- Picoli, G., Deveaud, B., Galland, D. Interpretation of luminescence in GaAs:Cr:0.839 eV and 0.574 eV lines 1-35085
- Picologlou, B.F. US/USSR joint MHD generator testing at the U-25 MHD pilot plant 1-53628
- Picot, C. *see* Guenet, J.M. 1-38298
- Picot, C. *see* Izumi, Y. 1-52274
- Picozza, P. *see* Bizard, G. 1-5784
- Picozza, P.G. *see* Federici, L. 1-29240
- Picque, J.-L. *see* Arditi, M. 1-5287
- Picraux, S.T., Follstaedt, D.M., Baeri, P., Campisano, S.U., Foti, G., Rimini, E. Depth profile studies of extended defects induced by ion implantation in Si and Al 1-2533
- Picraux, S.T., Wampler, W.R. Release of H and He from TiC, stainless steel, and graphite by pulsed electrode and furnace heating 1-25325
- Picraux, S.T. *see* Doyle, B.L. 1-25301
- Picraux, S.T. *see* Roth, J. 1-25303
- Picraux, S.T. *see* Wampler, W.R. 1-25029
- Pidduck, A. *see* Hall, P.G. 1-47371
- Pidgeon, C.R., Firth, W.J., Wood, R.A., Vass, A., Smith, S.D. Two-photon light shifts and Autler-Townes splittings in optically pumped FIR lasers 1-46314
- Pidgeon, C.R., Wherrett, B.S., Johnston, A., Dempsey, J., Miller, A. Theory of two-photon absorption in zinc-blende semiconductors 1-31160
- Pidgeon, C.R. *see* Johnston, A.M. 1-3432
- Pidgeon, C.R. *see* Wood, R.A. 1-15158
- Pidgeon, R.T. *see* Kalsbeck, F. 1-13423
- Pidlisnyi, E.V. *see* Belyaev, A.E. 1-21207
- Pidoplichko, V.I. *see* Kostyuk, P.G. 1-17372
- Pidzvyaiio, N.S. *see* Vishnevskii, V.N. 1-12540
- Pieau, J.F. *see* Zwick, H.H. 1-32528
- Piechocki, W. *see* Chruszczyk, A. 1-37838
- Piechota, S. *see* Baran, M. 1-38966
- Piechuck, M., Marchal, G., Mangin, Ph., Janot, C. About Mossbauer studies of an amorphous magnetic solid containing chromium 1-26096
- Piechuck, M. *see* Nikolov, S. 1-25985
- Piebler, H.R. *see* Charpentier, P.L. 1-3769
- Piekarczyk, W. *see* Berkowski, M. 1-8214
- PiekarSKI, K. *see* Miyase, A. 1-39586
- PiekarSKI, S. *see* Vandesteendam, C. 1-30437
- Piekoszewski, J., Castaner, L., Loferski, J.J., Beall, J., Giriati, W. Measurement of diffusion length in CuInSe₂ and CdS by the electron beam induced current method 1-16297
- Piel, A., Mobius, E., Himmel, G. The influence of the plasma inhomogeneity on the critical velocity phenomenon 1-6940
- Piel, A., Murray, H. Transient phenomena in sputtered CdS photocells 1-52599
- Piel, A. *see* Murray, H. 1-17199
- Piel, W.F., Jr., Scharff-Goldhaber, G., Lumpkin, A.H., Lee, Y.K., Stromswold, D.C. Level schemes of ¹⁰²Pd and ¹⁰⁰Pd 1-41037
- Piel, W.F., Jr. *see* Freeman, W.S. 1-5753
- Piela, K., Latkowski, A. The role of grain size and conditions of deformation in the strain hardening process of zinc 1-16798
- Piela, L. Multipole expansion technique as a tool for solving long-range problems in polymers 1-19227
- Piela, L., Andre, J.-M., Fripiat, J.G., Delhalle, J. On the behaviour of exchange in restricted Hartree-Fock-Roothaan calculations for periodic polymers 1-29152
- Piela, L. *see* Delhalle, J. 1-34614
- Piemontese, L. *see* Atherton, H.W. 1-14529
- Piemontese, L. *see* Fidecaro, G. 1-591
- Pien Yen-kwei, Chao Guo-ying An engineering method for the calculation of the parameters in compressible boundary layers 1-1928
- Piepenbring, R. The asymmetric rotator model applied to odd-mass iridium isotopes 1-665
- Piepenbring, R., Silvestre-Brac, B., Szymanski, Z. Anharmonicities in vibrational spectra of deformed nuclei discussed in a simple model 1-18537
- Piepers, J. *see* Reinhardt, R. 1-13194
- Piepgas, D. *see* Kaiser, T. 1-54428
- Piepgas, D.J., Wasserburg, G.J. Neodymium isotopic variations in seawater 1-13490
- Piepho, S.B. Vibronic model for mixed valence compounds and spin crossover systems 1-45932
- Pier, J.J. *see* Green, R.F. 1-9706
- Piera, J.B. *see* Radulovic, R. 1-4391
- Pieraggi, B., Dabosi, F. Structures of metal-oxide interfaces 1-47392
- Pieralli, F. *see* Conforti, G. 1-14209
- Pieranski, P., Dubois-Violette, E., Rothen, F., Strzelecki, L. Geometry of Kossel lines in colloidal crystals 1-35579
- Pieranski, P. *see* Candau, S. 1-2567
- Pieranski, P. *see* Dreyfus, J.-M. 1-52058
- Pieranski, P. *see* Wojciechowski, K.W. 1-47209
- Pierazzini, G.M. *see* Allasia, D. 1-23495
- Pierce, C.B. *see* Corbett, J.W. 1-13135
- Pierce, C.W. *see* Lind, K.E. 1-6027
- Pierce, D.T. *see* Siegmund, H.C. 1-43228
- Pierce, D.T. *see* Wang, G.-C. 1-47339
- Pierce, J.R. *see* Korwar, V.N. 1-41588, 1-41589
- Pierce, J.R. *see* Mathews, M.V. 1-15330
- Pierce, W.S. Modified displacement gage for cryogenic testing 1-36666
- Pierce, W.S. *see* Landis, D.L. 1-35916
- Piercey, R.B., Hamilton, J.H., Ramayya, A.V., Emling, H., Fuchs, P., Grosse, E., Schwalm, D., Wollersheim, H.J., Trautmann, N., Faessler, A., Ploszajczak, M. Anomalous behavior of high-spin states in ²⁴⁸Cm 1-41030
- Piercey, R.B. *see* de Lima, A.P. 1-41033
- Piercy, G.R. *see* Leger, M. 1-53226
- Pierens, R.K. *see* Aroney, M.J. 1-24279
- Pierens, R.K. *see* Madden, P.A. 1-30023
- Pieri, D. *see* Soderblom, L. 1-36209
- Pieri, D.C. Lineament and polygon patterns on Europa 1-32647
- Pieri, D.C. Martian valleys: morphology, distribution, age, and origin 1-54407
- Pieri, D.C. *see* Finnerty, A.A. 1-32648
- Pierini, G. *see* Berti, R. 1-33285
- Pierlini, G.C. Group-diffusion parameters by discrete homogenization 1-10412
- Pierluissi, J.H., Gibson, G.A., Hall, J.T. Calculational error in laser molecular transmittance due to uncertainties in line and meteorological data 1-4619
- Piermarini, G.J., Maurer, F.A., Block, S., Jayaraman, A., Geballe, T.H., Hull, G.W., Jr. Optical microscopic, X-ray diffraction, and electrical resistance studies of CuCl at high pressure 1-34701
- Piermarini, G.J. *see* Munro, R.G. 1-38291
- Pierre, A. *see* Klossa, B. 1-40431
- Pierre, B. *see* Roche, M. 1-28511
- Pierre, G., Hilico, J.-C., De Bergh, C., Maillard, J.-P. The region of the $3p_1$ band of methane 1-6255
- Pierre, J., Murani, A.P. Line-width of quasi-elastic and inelastic crystal field excitations in CeAg and CeMg compounds 1-25676
- Pierre, J., Murani, A.P., Galera, R.M. Magnetic susceptibility, electrical resistivity and neutron spectroscopy of some cubic cerium intermetallics 1-47865
- Pierre, J.M. *see* Cooper, A.L. 1-38136
- Pierrehumbert, R.T., Widnall, S.E. The structure of organized vortices in a free shear layer 1-46757
- Pierret, R.F. *see* Martin, S.J. 1-24635
- Pierson, E.S., Branover, H., Fabris, G., Reed, C.B. Solar-powered liquid-metal MHD power systems 1-34125
- Pierson, E.S., Grammel, S.J., Cohen, D., Frisardi, T. Liquid-metal MHD for solar and coal: system and component status 1-53632
- Pierson, H.O., Mullendore, A.W. The chemical vapor deposition of TiB₂ from diborane 1-16701
- Pierson, H.O. *see* Mattox, D.M. 1-20267
- Pierson, T.C. Erosion and deposition by debris flows at Mt. Thomas, North Canterbury, New Zealand 1-13492
- Pierucci, G. Legal medicine in the field of injury by electric current 1-35848
- Piesch, E., Burghardt, B. Application of the TLD albedo technique for monitoring and interpretation of neutron stray radiation fields 1-6117
- Piesch, E. *see* Burghardt, B. 1-6082, 1-6088
- Piesch, E. *see* Rober, H.G. 1-6046
- Piesche, M. *see* Felsch, K.-O. 1-37949
- Piese, G. *see* Brandelik, R. 1-23527
- Piestrup, M.A. *see* Pantell, R.H. 1-10899
- Piestrzynska, B. *see* Taniewska-Osinska, S. 1-21756
- Pietarinen, E. *see* Mack, G. 1-508
- Pieters, W. *see* Elias, E. 1-23185
- Pietra, F. *see* Zandomeneghi, M. 1-48708
- Pietrafesa, L.J. *see* Atkinson, L.P. 1-13464
- Pietrailla, M. Internal field of polymer crystals: polarizability tensor of the methylene group from the birefringence of paraffin crystal 1-35010
- Pietraszkiewicz, K. *see* Mageria, A. 1-37426
- Pietraszkiewicz, W. Finite rotations in shells 1-6776
- Pietro, B.D. *see* Di Pietro, B.
- Pietronero, L., Strassler, S. Electron-phonon interaction and conductivity of a charged graphite layer 1-47643
- Pietronero, L., Strassler, S., Zeller, H.R., Rice, M.J. Electrical conductivity of a graphite layer 1-2948
- Pietronero, L. *see* Beyeler, H.U. 1-11902
- Pietrowskaja, I.W. Collision integral in the dynamics of stellar systems. II 1-32729
- Pietruszko, S.M., Narasimhan, K.L., Guha, S. Effect of nitrogen doping on glow-discharge amorphous silicon films 1-47767
- Pietruszko, S.M. *see* Guha, S. 1-7622
- Pietrzak, R. *see* Rozenfeld, B. 1-26297
- Pietrzyk, B. *see* Bock, P. 1-10234
- Pietrzyk, U. *see* Altkofer, O.C. 1-45773
- Pietrzyk, U. *see* Aubert, J.J. 1-5630
- Pietrzyk, Z.A. *see* Watt, R.G. 1-46888
- Pietsch, G. *see* Heuser, C. 1-15703
- Pietsch, H. *see* Mustroph, H. 1-15240
- Pietsch, U. X-ray determination of bond charges in silicon 1-25194
- Pietsch, U. X-ray bond charge in GaAs and InSb 1-42336
- Pietsch, U., Unger, K. Temperature dependence of bond charge vibration in silicon 1-30132
- Pietsch, W., Reppin, C., Trumper, J., Voges, W., Lewin, W., Kendziorra, E., Stauber, R. High-energy X-ray observations of extragalactic objects 1-54661
- Pietsch, W. *see* Kreutz, R. 1-24222, 1-25342
- Pietsch, W. *see* Stauber, R. 1-9724
- Piette, J.-L., Debergh, D., Baiwir, M., Labres, G. Synthesis and spectroscopic study of telluroesters 1-4081
- Piette, J.-L. *see* Labres, G. 1-29000
- Pietz, K.R. *see* Sides, W.H., Jr. 1-28653
- Pietzsch, K., Hanssen, K.-J. Interferometry disturbed by a scattering element 1-50198
- Pifer, A.E. *see* Barber, H.B. 1-36153
- Pifer, A.E. *see* Krider, E.P. 1-44302
- Pifer, J.H. *see* Di Gregorio, S. 1-12396
- Piffard, Y., Dion, M., Tournour, M. Ionic exchange properties of the two phases K₂Sb₂O₁₁ and K₂Sb₂O₁₄. The protonic conductor (H₂O)₂Sb₂O₁₁(H₂O)_{11/12} or 0.15 1-7373
- Piffaret, J. *see* Morris, C.L. 1-50498
- Pigache, D., Bonnet, J., David, D., Fournier, G. Theoretical analysis of a potential electrically pumped oxygen-iodine laser 1-41675
- Pigache, D. *see* Bonnet, J. 1-2271, 1-29934
- Pigache, D. *see* Fournier, G. 1-46324
- Pigarev, I.N. *see* Petrov, A.P. 1-13238
- Pigeaud, P., Sakoto, M. Cosmological spaces and closed conformal infinitesimal transformations 1-49866
- Pigenet, C., Fievet, F. Infrared absorption in NiO microcrystals 1-8071
- Pigenet, C., Le Calve, N., Pasquier, B. Raman scattering of m-chloronitrobenzene, piezo-electric crystal 1-35032
- Pigeon, J. *see* Meunier, J.P. 1-33818
- Piggott, M.R., Harris, B. Compression strength of carbon, glass and Kevlar-49 fibre reinforced polyester resins 1-8377
- Piggott, M.R., Wilde, P. Compressive strength of aligned steel reinforced epoxy resin 1-21512
- Pignali, A. *see* Massetti, C. 1-11628
- Pignatelli, G.U. *see* Queirolo, G. 1-34366

- Pignon, J.P.** Proper directions of interspectral matrices: applications to the characterisation of sources and to the modelling of propagation media 1-24606
- Pigot, C.** *see* De Brion, J.P. 1-37066
- Piguet, O., Sibold, K., Schweda, M.** General solution of the supersymmetry consistency conditions 1-10103
- Piguzov, Yu.V., Tokarev, B.Ya.** Some behavioural relations for impurity grain-boundary relaxation in substitutional solid solutions 1-47095
- Pirola, V.** A polarimetric study of U Cephei. I 1-13806
- Pirola, V.** *see* Korhonen, T. 1-27552
- Piironen, J.O., Lukkari, J.** The east-west asymmetry of Saturn's rings: a possible indicator of meteoroids? 1-49572
- Pijlgrims, B.J.** *see* Johnson, P. 1-5659
- Pijlgrims, B.J.** *see* van Apeldoorn, G.W. 1-45357
- Pikalov, V.V.** *see* Melnikova, T.S. 1-2238
- Pikashov, V.S., Il'chenko, A.I., Kuchin, G.P., Zemskiy, I.F.** A method for checking the hypothesis of additivity of components of combined conductive, convective and radiative heat transfer in two-phase flow 1-29679
- Pikazan'er, V.G., Skrotskii, G.V.** Pseudomagnetism 1-1048
- Pike, E.R.** *see* Gardner, K. 1-43934
- Pike, G.E.** *see* Seager, C.H. 1-30736
- Pike, R.J.** Formation of complex impact craters: evidence from Mars and other planets 1-4806
- Pike, T.J.** *see* Noble, B. 1-47604
- Pikelnier, L.B.** *see* Alfimenkov, V.P. 1-36951
- Pikh, V.S.** *see* Shevchuk, P.R. 1-3988
- Pikhtin, A.N., Yas'kov, A.D.** Dispersion of the refractive index of semiconductor solid solutions with the sphalerite structure 1-3356
- Pikhtin, A.N.** *see* Geidur, S.A. 1-31123
- Pikhtin, A.N.** *see* Malinovskiy, V.V. 1-39155
- Pikichyan, O.V.** Green's function of an optimally thick layer 1-49495
- Pikin, S.A.** Nonlinear flexoelectric effect 1-38269
- Pikin, S.A.** *see* Tikhomirova, N.A. 1-26146
- Pikovskiy, A.S.** Nonlinear resonant two-wave interaction in an inhomogeneous medium 1-29329
- Pikovskiy, A.S., Rabinovich, M.I.** Stochastic oscillations in dissipative systems 1-50036
- Pikul', V.V.** A mathematical model of the bending of thick plates 1-19592
- Pikulik, L.G.** *see* Pavlovich, V.S. 1-16600
- Pikulin, V.D.** *see* Lupanov, G.A. 1-34046
- Pikus, G.E., Averkiev, N.S.** Fine structure of bound exciton levels in multiexciton complexes in Ge 1-2878
- Pikus, G.E.** *see* Asnin, V.M. 1-47704
- Pikus, G.E.** *see* Averkiev, N.S. 1-52993
- Pikus, G.E.** *see* Ivchenko, E.L. 1-12519
- Pikuz, S.A.** *see* Boiko, V.A. 1-25068, 1-50291
- Pila, O.** *see* Mugnai, D. 1-12076
- Pilachowski, C.A.** *see* Smith, V.V. 1-44561
- Pilat, E.E.** *see* Kim, S.H. 1-23815
- Pilat, E.E.** *see* Qian, B.L. 1-45600
- Pilat, M.** *see* Woskinski, K.I. 1-16386
- Pilate, A., Adams, F.** A general purpose microprocessor based data acquisition and reduction system 1-50187
- Pilati, D.A.** Models and methods for policy analysis 1-31993
- Pilati, T.** *see* Bianchi, R. 1-34189
- Pilawski, A.** *see* Jaroszy, F. 1-21977
- Pilch, K.** *see* Jadczyk, A. 1-33129
- Pilcher, C.B.** *see* Purves, N.G. 1-4814
- Pilcher, C.B.** *see* Smith, W.H. 1-22723
- Pilchowski, H.U.** *see* Silva, W.C.C. 1-17547
- Pileni, M.-P.** Zinc porphyrin sensitized redox processes in microemulsions 1-17073
- Piletskaya, I.B.** *see* Barabanov, I.R. 1-23981
- Pilinyi, A.** *see* Gyimesi, F. 1-6506, 1-29231
- Pilipchenko, Yu.I.** *see* Bol'shakov, V.I. 1-43379
- Pilipenko, A.A.** *see* Vorob'ev, Yu.V. 1-52487
- Pilipenko, G.I.** *see* Gubaidullin, F.F. 1-26069
- Pilipenko, V.N.** *see* Vasetskaya, N.G. 1-29730
- Pilipenko, V.V.** The (d, nn) reaction on nuclei in medium energy region 1-41121
- Pilipenko, V.V.** *see* Bereznoi, A.A. 1-709
- Pilipenko, Yu.K.** *see* Kuznetsov, Y.A. 1-36883
- Pilipetskii, N.F.** *see* Blashchuk, V.N. 1-6615, 1-24450
- Pilipetskii, N.F.** *see* Kovalev, A.A. 1-35127, 1-35131
- Pilipetskii, N.F.** *see* Zel'dovich, B.Ya. 1-29321
- Pilipetskii, N.F.** *see* Gulamiyran, A.L. 1-41762
- Piliposyan, S.E.** *see* Vartapetyan, G.A. 1-36871
- Pilipovich, V.A.** *see* Kalashnikov, S.P. 1-51422
- Piliya, A.D.** *see* Budnikov, V.N. 1-24938
- Piljacz, I.** *see* Tkalec, M. 1-48758
- Pilkington, J.D.H.** *see* McCarthy, D.D. (editor) 1-40606
- Pilkington, R.** *see* Miller, D.A. 1-43462
- Pilkington, R.** *see* Worswick, D. 1-16896
- Pilkington, T.C., Morrow, M.N.** The utilization of spherical approximations to relate epicardial potentials to torso potentials 1-32084
- Pilkuhn, M.H.** *see* Benz, K.W. 1-48269
- Pilkuhn, M.H.** *see* Forchel, A. 1-47490
- Pilkuhn, M.H.** *see* Hildebrand, O. 1-34715, 1-47737
- Pilkuhn, M.H.** *see* Munz, D. 1-8077
- Pilkuhn, M.H.** *see* Schmid, W. 1-48145
- Pilla, O.** *see* Viliani, G. 1-39149
- Pillai, C.K.** *see* Mollah, M. 1-18323
- Pillai, K.** *see* Mohanan *see* Mohanan Pillai, K.
- Pillai, M.G.** *see* Krishna Pillai, M.G.
- Pillai, P.K.C., Agarwal, R.C.** Pressure loss in a spiral solar energy collector 1-13161
- Pillai, P.K.C., Agarwal, R.C.** An analytical approach for optimising a set of α and ϵ values for solar energy applications 1-17244
- Pillai, P.K.C., Agarwal, R.C.** Low cost spiral shaped solar collector 1-17266
- Pillai, P.K.C., Agarwal, R.C.** Optimisation of the performance of a spiral solar collector 1-39816
- Pillai, P.K.C., Gupta, A.K., Goel, M.** Effect of doping on electrothermographic behaviour of polystyrene 1-14199
- Pillai, P.K.C., Gupta, A.K., Goel, M.** Effect of variations in humidity and ambient temperature on electrothermographic characteristics of polymers 1-18322
- Pillai, P.K.C., Mollah, M.** Polarization and thermally stimulated discharge current studies in cellophane thermoelectrets 1-7997
- Pillai, P.K.C., Rashmi** Electrothermographic characteristics of poly(styrene-allyl alcohol) 1-45041
- Pillai, P.K.C.** *see* Daryan, R.S. 1-17255
- Pillai, P.K.C.** *see* Mollah, M. 1-18323, 1-18324
- Pillai, V.N.** *see* Dickson, R.R. 1-22352
- Pillay, K.K.S.** An independent overview of technology development for nuclear waste processing 1-858
- Pillay, K.K.S., Gangwer, T.E.** A survey of radiation effects on ion exchange materials 1-45622
- Pillay, R.G.** *see* Devare, S.H. 1-2494
- Pillay, R.G.** *see* Sampathkumaran, E.V. 1-52872
- Pillet, P.** *see* Crubellier, A. 1-45922
- Pillet, P.** *see* Liberman, S. 1-19057
- Pilliar, R.M.** *see* Medley, J.B. 1-39471
- Pilling, M.J.** *see* Patrick, R. 1-31842
- Pilloff, H.S.** *see* Jacobs, S.F. (editor) 1-9768
- Piloni, L.** *see* Levi, D. 1-44770
- Pillsbury, R.D.** *see* Bryden, H.J. 1-27175
- Pillsbury, R.D.** *see* Thome, R.J. 1-48880
- Pillsbury, R.D., Jr.** *see* Stekly, Z.J.J. 1-48872
- Pilous, V.** Assessment of cold cracking susceptibility of welded joints and conditions for reduction of their occurrence 1-12853
- Pilt, A.A.** *see* Shahabuddin, M.A.M. 1-36905
- Pilt, A.A.** *see* Woods, C.L. 1-716
- Pilyankevich, A.N., Shapoval, T.A., Dzozdiev, G.T., Paderno, V.N.** Interrelationship between the structure and properties of hard metals based on titanium carbide 1-12866
- Pilyankevich, A.N.** *see* Bochko, A.V. 1-12864, 1-53291
- Pilyankevich, A.N.** *see* Kurdyumov, A.V. 1-3687
- Pilyugin, N.N.** *see* Apshten, E.H. 1-22734
- Pimenov, V.N.** *see* Gurov, K.P. 1-11897
- Pimenov, V.N.** *see* Neverov, V.I. 1-16043
- Pimenov, Yu.V.** *see* Zakharov, E.V. 1-15056
- Pimental, N.A.** *see* Shapiro, Y. 1-17351
- Pimmel, G.C.** *see* Frei, H. 1-39611
- Pimmel, R.L.** *see* Strope, G.L. 1-26922
- Pimmel, R.L.** *see* Winter, D.C. 1-32153
- Pimontel-Appel, B.** *see* De Smedt, E. 1-43958
- Pin Tong** *see* Lin, K.Y. 1-67
- Pin-xin Xu** *see* Xu Pin-xin
- Pinard, J.** *see* Liberman, S. 1-19057
- Pinard, M.** *see* Julien, L. 1-1175
- Pinnati, D.M.G., de Souza, M.F.** Point defects in NaCl:NaF:Pb²⁺ single crystals 1-3325
- Pineaux, J.P., Besson, J.M.** Melting of ⁴He at room temperature 1-38611
- Pineaux, J.P., Besson, J.M., Rimskey, A., Weil, G.** Homogeneous stress conditions in the diamond anvil cell: an application to GaP under high pressure 1-34421
- Pineaux, J.P.** *see* Besson, J.M. 1-35060
- Pinchak, A.C., Wiley, R.S., Kovjanic, C., Schulz, J.M.** Biaxial esophageal accelerometry—cardiovascular effects 1-13282
- Pinchaux, R.** *see* Baptist, R. 1-48226
- Pinchaux, R.** *see* Guichar, G.M. 1-52620
- Pinchaux, R.** *see* Houzay, F. 1-8196
- Pinchback, T.R.** *see* Clough, S.P. 1-43612
- Pinchuk, A.P.** The total longitudinal conductivity of the sedimentary cover of the territory of Byelorussia 1-22211
- Pinchuk, S.D.** *see* Almaev, R.K. 1-40194
- Pincioli, F.** An investigation of indices derived from R-R interval values in cardiac arrhythmias 1-17515
- Pincus, P.** *see* Edwards, S.F. 1-38227
- Pinczuk, A., Worlock, J.M., Stormer, H.L., Dingle, R., Wiegmann, W., Gossard, A.C.** Light scattering spectroscopy of confined carriers in GaAs-AlGaAs heterojunction superlattices 1-16355
- Pinczuk, A., Worlock, J.M., Stormer, H.L., Dingle, R., Wiegmann, W., Gossard, A.C.** Interband spectroscopy of two dimensional electron gases: Coulomb interactions 1-7719
- Pinczuk, A., Worlock, J.M., Stormer, H.L., Dingle, R., Wiegmann, W., Gossard, A.C.** Inelastic light scattering spectroscopy of a multilayer two-dimensional electron gas 1-12516
- Pinczuk, A., Worlock, J.M., Stormer, H.L., Dingle, R., Wiegmann, W., Gossard, A.C.** Light scattering spectroscopy of two dimensional electron gases in semiconductors 1-52960
- Pinczuk, A.** *see* Bergman, J.G. 1-39169
- Pinczuk, A.** *see* Burstein, E. 1-12517
- Pindak, R., Young, C.Y., Meyer, R.B., Clark, N.A.** Macroscopic orientation patterns in smectic-C films 1-20060
- Pinder, A.C., Anson, M., Chung, S.-H.** Laser speckle vibrometry for the measurement of microscopic motion at audio frequencies 1-44062
- Pinder, A.C.** *see* Anson, M. 1-44061
- Pinder, A.J.** *see* Pessa, M. 1-43242
- Pinder, G.F.** *see* Shapiro, A. 1-50072
- Pinder, G.F.** *see* Tang, D.H. 1-22999
- Pindiuri, V.F.** *see* Artamonov, A.S. 1-23893
- Pindor, A.J.** A new method of obtaining information about phonon density of states and electron-phonon interaction in metals 1-11828
- Pindor, A.J., Temmerman, W.M., Gyorffy, B.L., Stocks, G.M.** On the electronic structure of Ag₃Pd_{1-x} alloys 1-25623
- Pindor, A.J.** *see* Gordon, B. 1-12019
- Pindurin, V.F.** *see* Forgacs, P. 1-52085
- Pindzola, M.S.** Photoionization of excited-state xenon 1-24092
- Pindzola, M.S., Carter, S.L.** Electron-impact excitation of Fe XXV and Kr XXXV in the relativistic distorted-wave approximation 1-1383
- Pindzola, M.S., Chen, A.B., Ritchie, B.** Two-photon ionisation of the potassium atom 1-33435
- Pine, A.S.** Collisional narrowing of HF fundamental band spectral lines by neon and argon 1-1283
- Pine, A.S., Dang-Nhu, M.** Spectral intensities of the 4- μ m $\nu_1 + \nu_3$ combination band of SO₂ 1-37198
- Pine, A.S.** *see* Patterson, C.W. 1-37366
- Pine, J.** *see* Bromberg, C. 1-10266, 1-45364
- Pineau, A.** *see* Antolovich, S.D. 1-53265
- Pineau, A.** *see* Lemant, F. 1-48461
- Pineau, A.** *see* Levaillant, C. 1-39454
- Pineau, P.** First steps towards an optical transistor 1-24449
- Pineau des Forets, G.** *see* Flower, D.R. 1-40446
- Pineault, S.** Giant flares on supermassive accretion disks polarization properties and energetics 1-22829
- Pineda, F.J.** *see* Harris, D.E. 1-22905
- Pineda, J.** *see* Aguilera-Navarro, V.M. 1-50539
- Pinegin, A.V.** *see* Izgorodina, V.M. 1-1610
- Pines, A.** *see* Muller, L. 1-21060
- Pines, A.** *see* Sinton, S. 1-28993
- Pines, A.** *see* Sterna, L. 1-31881
- Pines, A.** *see* Tang, J. 1-3271, 1-52857
- Pines, A.** *see* Warren, W.S. 1-1254, 1-14158
- Ping Chen** *see* Chen Ping
- Ping Liu** *see* Liu Ping
- Ping Sheng** Pair-cluster theory for the dielectric constant of composite media 1-34973
- Ping-Hua Zhang** *see* Zhang Ping-Hua
- Ping-Mao Xu** *see* Xu Ping-Mao
- Pingoud, K., Orava, P.J.** A dynamical model for the vertical infiltration of water into the soil 1-44217
- Pingree, R.D., Griffiths, D.K.** A numerical model of the M₂ tide in the Gulf of St. Lawrence 1-17615
- Pingree, R.D., Griffiths, D.K.** Currents driven by a steady uniform wind stress on the shelf seas around the British Isles 1-17616
- Pingree, R.D., Maddock, L.** Tidally induced residual flows around an island due to both frictional and rotational effects 1-9165
- Pinguet, J.** Measurement of dielectric characteristics by thermally stimulated depolarisation currents (TSID) 1-34976
- Pingzi Shen** *see* Weichuan Chiao 1-36603
- Pinheiro, M.F.** *see* Amado, M.M. 1-25940
- Pinheiro, M.F.** *see* Ausloos, M. 1-25700
- Pinheiro, M.F.** *see* Pinto, R.P. 1-25710
- Pinheiro, M.F.** *see* Sousa, J.B. 1-12269
- Pink, D.** *see* Zuckermann, M.J. 1-8825
- Pink, D.A., Georgallas, A., Zuckermann, M.J.** Phase transitions and critical indices of a phospholipid bilayer model 1-35758
- Pink, E., Kutsche, R., Stuwe, H.P.** Evidence for lattice-diffusion controlled superplasticity in a Sn-Pb-eutectic 1-53243
- Pink, E., Mugschl, E., Ortner, B.** Scavenging within the framework of intrinsic theories for alloy softening 1-31472
- Pink, E.** *see* Kutsche, R. 1-8400
- Pinkar, M.M.** *see* Peemoller, H. 1-43030
- Pinkerton, A.C.** Trigonal prismatic versus octahedral coordination: the crystal and molecular structures of Dy[S₂P(C₂H₅)₂]₃ and Lu[S₂P(C₂H₅)₂]₃ 1-25233
- Pinkhovich, R.L., Ivashchenko, V.E., Savkun, L.Z., Patrushev, G.N., Podrugin, D.P.** The application of sorption-frequency method and solid electrolyte cells for analysis of substance composition 1-27995

- Pinkston, W.T., Feng, D.H., Vallieres, M.,
Jano, P.J. A general theory of two-nucleon overlaps 1-28398
- Pinkston, W.T. *see* Kruse, H. 1-23698
- Pinnick, R.G. *see* Bruce, C.W. 1-49356
- Pinnick, R.G. *see* Jennings, S.G. 1-35726
- Pinnington, E.H. *see* Kernahan, J.A. 1-1153
- Pinnow, M. *see* Brehmer, L. 1-2961, 1-7764
- Pinsker, G.Z. Development of short-range order in amorphous bodies 1-11679
- Pinsker, G.Z. Structure of amorphous films 1-16201
- Pinsker, G.Z. An important property of short-range order in glasses 1-42317
- Pinsker, Z.G. *see* Gabrielyan, K.T. 1-23398
- Pinsky, L.S. *see* Hofsteezer, J.H. 1-41142
- Pinsky, P.M., Taylor, R.L. A finite deformation formulation for elasto/viscoplastic beam structures 1-24708
- Pinsky, S.S. *see* Milton, K.A. 1-550, 1-10202
- Pinsky, S.S. *see* Palmer, W.F. 1-5591
- Pinson, J.D. *see* Bochman, L.I. 1-53557
- Pinson, J.T. *see* Hulme, K.F. 1-33738
- Pinson, P. *see* Allegrini, M. 1-33484
- Pinson, W.E. Measuring the quasi-Fermi levels and flat band potential of an illuminated Au/n-GaAs_{0.06}P_{0.94} anode 1-34745
- Pinston, J.A. *see* Alexeev, V.L. 1-639
- Pinston, J.A. *see* Jung, G. 1-36904
- Pinston, J.A. *see* Koch, H.R. 1-10584
- Pinston, J.A. *see* Weber, R. 1-33216
- Pintar, M.M. *see* Nicoll, D.W. 1-40308
- Pinto, J. *see* Peters, J. 1-39342
- Pinter, D. *see* Abrahamson, E.O. 1-722
- Pinter, G.R., Tasoulis, G.W. Cryogenic systems for Princeton's Tokamak 1-6017
- Pinter, P.J., Jr. *see* McFarlane, J.C. 1-13219
- Pinter, R.B. On the visual discrimination between small objects and large textured patterns 1-8879
- Pinto, G. Nonstatistical method to evaluate tolerances of an optical system 1-51591
- Pinto, J.P., Gladstone, G.R., Yuk Ling Yung Photochemical production of formaldehyde in Earth's primitive atmosphere 1-49390
- Pinto, J.P. *see* Allen, M. 1-49570
- Pinto, L.M. Vilela *see* Vilela Pinto, L.M.
- Pinto, R.F. *see* Ausloos, M. 1-25700
- Pinto, R.P., Sousa, J.B., Moreira, J.M., Amado, M.M., Pinheiro, M.F., Braga, M.E., Morin, P. Thermopower in rare earth intermetallic compounds and the validity of s-f scattering models 1-25710
- Pinto, R.P. *see* Amado, M.M. 1-25940
- Pinto, R.P. *see* Sousa, J.B. 1-12269, 1-25702
- Pinto, S., Telleschi, P. A comparison among underground sitting concepts 1-50993
- Pintos, M. *see* Kehiaian, H.V. 1-47253
- Piusas, N.Z., Litvinova, V.D. Some results of the experimental investigations of microscale turbulence in layered clouds 1-32490
- Pinyagina, A.Yu., Pshenichnikov, A.F. Free convection of a liquid binary mixture in an inclined rectangular cavity 1-1956
- Pinzenick, V.P. *see* Zayachkovskii, M.P. 1-16478
- Pinzhin, Yu.P. *see* Korotaev, A.D. 1-11905
- Pinzino, C. *see* Colliani, A. 1-43037
- Piolet-Mariel, E., Boulet, C., Levy, A. An experimental investigation of rare gases pressure effects on the vibrational line intensities of HCl 1-45926
- Piontek, R.W., Kase, K.R. Radiation transmission study of silicone elastomer for mammary prosthesis 1-20260
- Piotrowskaya, E.M., Smirnova, N.A. Calculations of surface properties of a ternary Ag-Cu-Pb melt based on a lattice model 1-20511
- Piotrowskii, Yu.A., Tolmachev, Yu.A. Calculation of parameters of plasma formed by electron flow using the method of statistical modelling 1-2143
- Piotrowski, E. Perturbation calculation for quasi-equilibrium statistical operator 1-27866
- Piotrowski, K. *see* Szewczyk, A. 1-34904
- Piotrowski, M., Murasik, A. A powder neutron diffraction study of magnetic behaviour of TbF₃ 1-3143
- Piowaty, J.M. A simple magnetic force experiment 1-27750
- Pipa, V.I. *see* Bolgov, S.S. 1-39158
- Pipa, V.I. *see* Maluyutenko, V.K. 1-3485
- Pipberger, H.V. *see* Bjorjesson, P. 1-22148
- Piper, E. *see* Held, W.D. 1-6342
- Piper, J.A. *see* Duarte, F.J. 1-15193
- Piper, J.D.A. A palaeomagnetic study of Svecofennian basic rocks: Middle Proterozoic configuration of the Fennoscandian, Laurentian and Siberian shields 1-9082
- Piper, L.G., Clyde, M.A.A., Monkhouse, P.B. Electronic energy transfer from metastable argon atoms to ground-state nitrogen atoms 1-1340
- Piper, N. *see* Gelfand, S.A. 1-11259, 1-39940
- Pipes, R.B., Wetherhold, R.C., Gillespie, J.W., Jr. Macroscopic fracture of fibrous composites 1-21584
- Pipher, J.L. *see* Puetter, R.C. 1-54650
- Pipinya, P.A. *see* Gegezait, L.J. 1-16609
- Pipkin, A.C. *see* Kolisky, H. 1-29569
- Pipkin, F.M. *see* Bebek, C. 1-33191
- Pipkin, F.M. *see* Chadwick, K. 1-33192
- Pipkin, F.M. *see* Lundeen, S.R. 1-41350
- Pipkin, F.M. *see* Safinya, K.A. 1-24275
- Pipkin, N.J. Cathodoluminescence emission by cubic boron nitride crystals 1-12588
- Pipkins, J.F. *see* Colliere, A.P. 1-6019
- Pippel, E. *see* Nepijko, S.A. 1-20599
- Pippert, K. *see* Brinkmann, U. 1-6407
- Pique, D. *see* Eustathopoulos, N. 1-42610
- Pique, J.P., Hartmann, F., Bacis, R., Churassy, S. Hyperfine structure of higher rovibrational levels in the iodine B state studied by Ar⁺ laser induced fluorescence 1-51311
- Piqueras, J. *see* Calleja, E. 1-34794
- Piqueras, J. *see* Munoz-Yague, A. 1-48539
- Piquet, J. *see* Lecoette, Y. 1-19686
- Piradashvili, I.N. Effect of vacancies on NMR in solid ³He 1-30517
- Piragino, G. *see* Balestra, F. 1-28504
- Piran, T. *see* Abramowicz, M.A. 1-22920
- Piriaux, B. *see* Byron, F.W. Jr. 1-19187
- Piriaux, J. Theoretical model for the active acoustic absorption in three-dimensional space 1-24562
- Pirazzoli, P.A. *see* Faure, H. 1-53955
- Pirch, I.I., Erokhin, A.A., Pugin, A.I. Influence of plasma-arc melting conditions on the temperature distribution at the metal bath surface 1-16020
- Pirch, I.I., Salieva, O.G., Potushinskaya, G.B. On plasma-hydrogen refining of metals 1-16964
- Pirch, I.I. *see* Rykalkin, N.N. 1-2801
- Pirdzhanov, B. *see* Annaev, T. 1-27872
- Pire, B. *see* Fontannaz, M. 1-18450, 1-18487
- Pire, B. *see* Petersson, B. 1-569
- Pirhonen, S.E. *see* Bungum, H. 1-27099
- Pirich, R.G. Characterization of effects of plane-front solidification and heat treatment on magnetic properties of Bi/MnBi composites 1-12345
- Pirie, J.D. *see* Reid, J.S. 1-16004
- Piriou, B., Arashi, H. Raman spectroscopy in the system ZrO₂-M₂O₃ (M=Sc, Yb) 1-39070
- Pirlet, R., Franssen, R., Luckers, J., Poos, A. Monitoring the burden surface temperature distribution at the blast furnace top by means of the SPIROTHERM sensor 1-27980
- Pirlet, R. *see* Grignat, M. 1-43639
- Pirner, H.J. Quasiparticle properties of the pion and heavy-ion collisions 1-14485
- Piro, O.E. *see* Della Vedova, A.P. 1-31145
- Pirogov, A.N. *see* Volkmyanin, A.O. 1-30938
- Pirogov, A.V. *see* Grebinnik, V.G. 1-43054
- Pirogov, V.P., Ivanova, V.D., Volkov, N.A., Zhuravlev, Yu.Yu., Kuz'min, M.I. In vivo study of the elastohysteresis properties of the aorta and its branches 1-17440
- Pirogov, Yu.A., Tikhonravov, A.V. Multilayer interference wave-energy absorber with allowance for the losses in the inactive layers 1-40845
- Pirogov, Yu.A. *see* Ashtikov, S.I. 1-19490
- Pirogova, N.N. *see* Chernyavskii, K.S. 1-48606
- Piron, A. *see* Van Houtte, P. 1-13316
- Piron, D.L. *see* Sugimoto, K. 1-31729
- Pironneau, O. *see* Bardos, C. 1-2002
- Pironneau, O. *see* Glowinski, R. 1-6868
- Pirozhkov, A.N. *see* Bulkin, A.P. 1-23918
- Pirozhkov, A.N. *see* Vesna, V.A. 1-41094
- Pirozhkov, V. *see* Kurkin, N.N. 1-1651
- Pirre, M., Berthelot, J.-J. Ion drift velocity measurements on the nose cone during the first Araks experiment 1-44376
- Pirro, J. International Fuel Service Centers 1-45717
- Pirronello, V., Strazzulla, G. Theoretical oscillator strengths of some transitions of Y II and Zr II 1-9355
- Pirronello, V., Strazzulla, G. Some consequences of Sr, Y, and Zr gf values calculation 1-37145
- Pirs, J. Correlation between brittle fracture surface features and microstructure in nodular graphite cast iron 1-43527
- Pirumov, U.G. *see* Nikulin, G.Z. 1-51842
- Pisani, C. *see* Dovesi, R. 1-34609, 1-47447
- Pisanko, A.N. Vibrations of shells of revolution discretely strengthened by longitudinal reinforcing ribs 1-41978
- Pisanko, Yu.V. *see* Mikhnevich, V.V. 1-22631
- Pisanskii, A.I. *see* Kondilenko, I.I. 1-43129
- Pisanty, A., Orgaz, E., del Carmen De Teresa, M., Keller, J. The electronic structure of magnetic UTe 1-47467
- Pisarcik, M. *see* Koudelka, L. 1-3401, 1-31141
- Pisarenko, G.S., Rodichev, Yu.M., Okhrimenko, G.M., Perevorukhov, G.I. Stand for testing glass and ceramic shells under external hydrostatic pressure 1-43634
- Pisarenko, N.F. *see* Kurt, V.G. 1-36129
- Pisarev, V.E. *see* Ostrovskii, Yu.N. 1-1817
- Pisarevskii, A.M. *see* Kiprianov, A.A. 1-17072
- Pisarevskij, Ju.V. *see* Barta, C. 1-25377
- Pisarkiewicz, T. *see* Leja, E. 1-48218
- Pisarkiewicz, T. *see* Schabowska, E. 1-16696
- Pisarski, M. Hydrostatic pressure and kinetic phenomena in NaNO₃ single crystals 1-16288
- Pisarski, R.D., Yaffe, L.G. The density of instants at finite temperature 1-18372
- Pisarski, R.D. *see* Gross, D.J. 1-40940
- Piscitelli, R.A. Stress-relaxation in high-performance copper alloys at 200°C [for electrical contacts] 1-43403
- Pishchak, V.K. *see* Okrainets, P.N. 1-39387
- Pishchik, V.V. *see* Belaya, A.N. 1-30109
- Pishchik, V.V. *see* Dobrovinskaya, E.R. 1-2362, 1-30107, 1-30110, 1-31330
- Pishchik, V.V. *see* Timan, B.L. 1-30108
- Pishko, V.V. *see* Naumenko, V.M. 1-3164
- Pishkova, D.S. *see* Boyarskaya, Yu.S. 1-48609
- Pisias, N.G., Moore, T.C., Jr. The evolution of Pleistocene climate: a time series approach 1-54234
- Piskarev, I.M. *see* Ishkhanov, B.S. 1-5703, 1-6534, 1-18642, 1-36947, 1-41101, 1-50569
- Piskarev, I.M. *see* Kuznetsov, Yu.V. 1-37031, 1-51003
- Piskarev, I.M. *see* Varlamov, V.V. 1-37021
- Piskareva, M.V., Shugaev, F.V. Special case of the density distribution behind a nonstationary shock wave 1-19750
- Piskareva, N.M. *see* Gerasimova, L.P. 1-39443
- Piskareva, N.M. *see* Novikov, N.N. 1-21638
- Piskarskas, A., Smilgevicius, V., Jaseviciute, J. Optimization of three-photon parametric excitation of light in the picosecond pulse range 1-41785
- Piskarskas, A. *see* Burneika, K. 1-43714
- Piskarskas, A. *see* Bareika, B. 1-51561
- Piskarskas, A. *see* Burneika, K. 1-41758
- Piskarskas, A. *see* Valuzis, A. 1-41772
- Piskarskas, A.S. *see* Bareika, B. 1-51496
- Pisklich, M.M. *see* Zablotskii, V.K. 1-3727
- Piskorski, M. *see* Pearsall, T.P. 1-45013
- Piskorski, S. *see* Solnica, W. 1-48601
- Piskorskii, V.P., Petrakovskii, G.A., Gubin, S.P., Kosobudskii, I.D. Magnetic properties of a metal-polymer composite due to the dipole-dipole interaction of iron microparticles 1-21014
- Piskun, S.A. *see* Buchinskii, Ya.V. 1-18247
- Piskunov, A.E. The slope of stellar mass spectrum and the rate of star formation in the solar neighbourhood 1-49617
- Piskunov, A.E. *see* Vereshchagin, S.V. 1-54481
- Piskunov, A.K. *see* Kashnikov, G.N. 1-34054, 1-51466
- Piskunov, N.M. *see* Ableev, V.G. 1-18507
- Piskunov, V.G. Variant of the nonclassical theory of multilayer shallow shells and plates 1-19562
- Piskunov, V.N. *see* Moseev, L.I. 1-23867
- Pislewski, N. *see* Olaszewski, K.J. 1-39979
- Pisewski, N. *see* Schajer, W. 1-31050
- Pislyak, Yu.V. *see* Vetokhin, S.S. 1-44978
- Pismen, L.M. Bifurcation into wave patterns and turbulence in reaction-diffusion equations 1-26718
- Pis'mennyi, A.A. A new method of calculating the Madelung constants and electrostatic potential of ionic crystals 1-2393
- Pis'mennyi, N.N. *see* Golovin, S.A. 1-42461
- Pis'mennyi, N.N. *see* Vasiniuk, I.M. 1-11363
- Pismis, P., Moreno, M.A., Hasse, I. Internal motions in H II regions. VI. S140 and the associated CO cloud 1-4969
- Pismis, P. *see* Recillas-Cruz, E. 1-4970
- Pisnichenko, I.A. To dynamics of ultra-long waves in two-dimensional baroclinic model of atmosphere 1-40158
- Pistilli, P. *see* Diddens, A.N. 1-14747, 1-23998
- Pistilli, P. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Pistryak, V.M. *see* Kozlov, V.F. 1-53041
- Pistun, I.P. *see* Duryagin, A.V. 1-31586
- Pistunovich, V.I. *see* Kukushkin, A.S. 1-28704
- Pisut, J., Pisutova, N. Particle production in hadronic collisions in the 10-70 GeV energy range. I. $\pi^+\pi^-$ and $\pi^+\pi^0$ interactions 1-50471
- Pisutova, N. *see* Pisut, J. 1-50471
- Piszczalski, M., Galler, B., Bossemeyer, R., Hatamian, M., Looft, F. Performed music: analysis, synthesis, and display by computer 1-37729
- Piszczek, M., Wnuk, M.P. Subcritical and fatigue crack growth in anti-plane strain state 1-15447
- Pita, M. *see* Halder, N.C. 1-7130
- Pitak, N.V., Fedoruk, R.M., Khmelenko, T.P. Production parameters for kaolin refractories of specified density 1-12701
- Pitaniello, A.M. *see* Hogan, A. 1-9235
- Pitari, G., Visonti, G. A two-dimensional model of the distribution of trace gases in the stratosphere and troposphere 1-49363
- Pitari, G. *see* Visconti, G. 1-22448
- Pitault, A. The 'helium problem' in the source DR 21.1-27626
- Pitchford, L. *see* Beatty, E. 1-6920
- Pitchford, L.C., O'Neill, S.V., Rumble, J.R., Jr. Extended Boltzmann analysis of electron swarm experiments 1-24911
- Pitchford, L.C., Phelps, A.V. Extended Boltzmann Analysis applied to electron swarm experiments in N₂ 1-37367
- Pitea, D. *see* Todeschini, R. 1-41512
- Pitbergl, L.I. *see* Fedorov, K.N. 1-54274
- Pit'eva, E.V. The improvement of Mercury's orbital elements by radar observations 1-49551

- Pitimada, D., Nicotera, E., Colmano, R., Sala, M. Test rigs for investigating thermohydraulic performance of PWR steam generators 1-50713
- Pitkin, J.A., Duval, J.S. Design parameters for aerian gamma-ray surveys 1-27260
- Pitlak, R. SHG phase-match angles 1-11043
- Pitluck, S. see Chen, G.T.Y. 1-27001
- Pitman, D. see Ushida, N. 1-546
- Pitman, J. see Brimblecombe, P. 1-8782
- Pitman, J.W., Yor, M. Bessel processes and Brownian motion with drift 1-32909
- Pitner, A.L., Birney, K.R. An advanced absorber assembly design for breeder reactors 1-14669
- Pitner, A.L. see Hollenberg, G.W. 1-10444
- Pitra, J., Hrma, P., Kutzendorfer, J. The effect of electric field on the corrosion of SnO_2 by fused borax 1-8463
- Pitsyuga, V.N. see Pashchenko, V.P. 1-53401
- Pitt, A.M. see Savage, J.A. 1-41798
- Pitt, C.D., Rawlings, R.D. A transmission electron microscopy investigation of multifilamentary and tape Nb_3Sn superconductors at low temperatures 1-38890
- Pitt, C.W. see Lyle, J.N. 1-51883
- Pitt, C.W. see Neuman, V. 1-41633, 1-41898
- Pitt, E. see Lotz, U. 1-938, 1-6048
- Pitt, G.D. see Adams, A.R. 1-30766
- Pitt, G.D. see Miller, A.J. 1-34995
- Pitt, S.P. see Lynch, J.F. 1-29467
- Pitt, T.J. see Saxton, W.O. 1-18342
- Pittel, S. Remaining problems in nuclear dynamics 1-620
- Pittinato, G.F. see Dietrich, J.J. 1-13103
- Pittion-Rossillon, G. Gas-gas equilibria with a theoretical equation of state. I. Symmetrical model 1-6915
- Pittion-Rossillon, G. see Fiorese, G. 1-38538
- Pittman, C.U., Jr. see Helbert, J.N. 1-47115
- Pittman, J.F.T. see Salariya, A.K. 1-35231
- Pittr, J., Hartl, H. Improved stress evaluation under thermal load for simple finite elements 1-9838
- Pitts, J.H., Hovingh, J., Meier, W.R., Monsler, M.J., Powell, E.G., Walker, P.E. Potential design modifications for the high yield lithium injection fusion energy (HYLIFE) reaction chamber 1-10541
- Pitts, J.N. see Coulbert, C.D. 1-36736
- Pitts, L. see Abraham, K.M. 1-35641
- Pitukhin, P.V. see Ammosov, V.V. 1-40980
- Pitukhin, P.V. see Efremenko, V.I. 1-33173
- Pityulin, A.N. see Petrunin, V.F. 1-39326
- Pitzer, K.S. Phase equilibria for highly unsymmetrical plasmas and electrolytes 1-11589
- Pitzer, K.S., Christiansen, P.A. Relativistic modifications of covalent bonding in heavy elements. Calculations for TiH 1-37131
- Pitzer, K.S. see Christiansen, P.A. 1-37098, 1-45867
- Pitzer, R.M. see de Castro, S.C. 1-41309
- Piuz, F. see Heijne, E.H.M. 1-28791
- Piuz, F. see Lapique, F. 1-10608
- Piva, R., Di Carlo, A. Appropriate interpolation schemes for F.E. models of viscous incompressible flows 1-11364
- Pivin, J.C., Roques-Carnes, C., Chaumont, J., Bernas, H. The influence of yttrium implantation on the oxidation behaviour of $67\text{Ni}-33\text{Cr}$, $\text{Fe}-43\text{Ni}-27\text{Cr}$ and $\text{Fe}-41\text{Ni}-25\text{Cr}-10\text{Al}$ refractory alloys 1-48552
- Pivin, J.C., Roques-Carnes, C., Slodzian, G. Variation of secondary ion emission yield with atomic concentrations of Fe, Ni, and Cr ternary alloys and oxides: application to the analysis of thin oxide films 1-3551
- Pivin, J.C., Roques-Carnes, C., Slodzian, G. Oxidation of nickel base alloys flooded with oxygen under ionic bombardment 1-31768
- Pivin, J.C. see Roques-Carnes, C. 1-31292
- Pivnyuk, N.A. see Burgov, N.A. 1-598
- Pivot, J. see Durupt, P. 1-31393
- Pivovarov, V.A., Yur'ev, M.S. Influence of water vapor on the operation of an electron-beam-controlled CO_2 laser using helium-free mixtures 1-41660
- Pivovarchik, V.N. see Malyarov, V.V. 1-49990
- Pivovarov, A.A. see Kononkova, G.E. 1-32463
- Pivovarov, B.I. see Egorov, Yu.P. 1-22494
- Pivovarov, S.S. see Khalilov, V.Kh. 1-16591
- Pivovarov, Yu.L., Vorob'ev, S.A. Increasing nuclear reaction output by π -meson channelization 1-2545
- Pivovarova, A.P. see Fedorov, N.F. 1-7103
- Pivtsov, V.S. see Gainer, A.V. 1-51488
- Pivtsov, V.S. see Gulev, V.S. 1-46357
- Piwécki, H. see Bahr, A. 1-17252
- Piwowarczyk, T., Sluszkiewicz, T. Practical and theoretical consequences resulting from the set-theory description of the fundamental metrological notions 1-23147
- Plyp, V.B. Method of profile determination in terms of velocity isolines from travel-time curves of refracted seismic waves 1-9278
- Pizam, A., Dotan, I., Klein, F.S. Isotope effects in the reactions of rare gas ions with isotopic hydrogen 1-39630
- Piziali, R.L., Rastegar, J., Nagel, D.A., Schurman, D.J. The contribution of the cruciate ligaments to the load-displacement characteristics of the human knee joint 1-49051
- Piziali, R.L., Seering, W.P., Nagel, D.A., Schurman, D.J. The function of the primary ligaments of the knee in anterior-posterior and medial-lateral motions 1-17434
- Piziali, R.L. see Seering, W.P. 1-17435
- Pizzarello, F.A. see Nicholson, M.M. 1-35407
- Pizzella, E. see Pellicchia, E. 1-50911
- Pizzimenti, G. see Abramo, M.C. 1-2311, 1-11658, 1-11666
- Pizzini, S. see Giarda, L. 1-16674
- Pizzini, S. see Mirarchi, U. 1-16707
- Pizzo, R.J. Acousto-optic and electro-optic modulator applications 1-46549
- Pizzo, V. Del see Del Pizzo, V.
- Pkhalagov, A.B. see Cherny, F.B. 1-22602
- Placa, J.L. see La Placa, J.
- Placa, S.J. La see La Placa, S.J.
- Placci, A. see Atherton, H.W. 1-14529
- Placci, A. see Barranco Luque, M. 1-14745
- Placci, A. see Calveti, M. 1-14778
- Plachinda, S.I., Shcherbakov, A.G. Spectroscopic studies of the classical Cepheid δ Gem in the visible and near infrared regions 1-27520
- Plachotnikov, O.I. see Begimbekov, L.B. 1-4115
- Placid, F. Thermoluminescence test for fire-damaged concrete 1-8510
- Placova, Z. see Milits, R.L. 1-54408
- Pladida, N.M., Ivanov, V.V. Lattice dynamics of crystals with off-centre-type impurities 1-15995
- Plafker, G. see Nakamura, K. 1-44160
- Plagnol, E. see Roynette, J.C. 1-45533
- Plaisant, A. Transmission and reflection of a plane wave on a rough surface 1-24555
- Plakhin, Ye.A., Podymov, I.S. Calculation of the coefficients in the electrical conductivity calibration equation by successive approximations 1-54276
- Plakhotnik, V.T. see Solov'ev, V.A. 1-2444
- Plakida, N.M. see Konvent, H. 1-12300
- Plakida, N.M. see Stamenkovic, S. 1-43078
- Plannas, J. see Besada, J.L. 1-21692
- Planat, M., Theobald, G., Gagnepain, J.J. Non-linear acoustic propagation in anisotropic solids. I. Bulk waves 1-7265
- Planat, M., Theobald, G., Gagnepain, J.J. Non-linear acoustic wave propagation in anisotropic solids. II. Surface waves 1-20537
- Planat, M. see Theobald, G. 1-24569
- Planchard, J. Computation of the acoustic eigenfrequencies of cavities containing a tube bundle 1-11334
- Plancon, A. The calculation of intensities diffracted by a partially oriented powder with a layer structure 1-29947
- Planoulaine, J. see Augeres, J.L. 1-40791
- Planoulaine, J. see Francois, M.X. 1-44936
- Plane, D.E. see Atherton, H.W. 1-14529
- Planel, R. see Nawrocki, M. 1-52953
- Planelli, J.A. see Anglada, M.B. 1-43453
- Planina, T. Ultrasonic cleaning of tarnished silver contacts in automatic telephone exchanges 1-31730
- Planinsek, F. see Kim, Y.S. 1-26399
- Plano, R.J. see Bruyant, F. 1-14770
- Planque, G. de see de Planque, G.
- Plans, J. see Stasiak, M. 1-12449
- Plant, J. see Brown, G.C. 1-32401
- Plant, R.L. see Herendren, R.A. 1-48791
- Plant, T.D. see Stanfield, P.R. 1-43859
- Plant, W.J. see Wright, J.W. 1-13476
- Plante, T. see Demazeau, G. 1-7805, 1-35203
- Plantenga, T.M., Maclean, C. The determination of the dipole moment orientation in 1-chloro-2,4-dinitrobenzene by ^{13}C NMR 1-10754
- Plas, D. see Lenfant, P. 1-31395
- Plas, F., Machet, J., Guille, J. Theoretical study of the thickness distribution of deposits obtained in rarefied atmospheres 1-2846
- Plas, H.A. Vander see Vander Plas, H.A.
- Plaschko, P. Stochastic model theory for coherent turbulent structures in circular jets 1-51839
- Plasil, D.C. see Bemis, C.E., Jr. 1-36972
- Plasil, F. Angular momentum effects in fusion-fission and fusion-evaporation reactions 1-45557
- Plasil, F., Ferguson, R.L. Heavy-ion-induced fission following fusion 1-50691
- Plasil, F. see Gavron, A. 1-33270
- Plasil, F. see Young, G.R. 1-14534
- Plaskachvskii, Yu.M., Kopylov, S.V., Smirnov, V.S., Kovgolya, V.A. Method for testing materials for friction and wear 1-31788
- Plaskett, T.S., Herman, D.A. Liquid phase epitaxial films of Mn-Zn spinel ferrites grown under reduced oxygen partial pressures 1-3642
- Plaskett, T.S. see Mehran, F. 1-12398
- Plassmann, E.A. see Martin, E.R. 1-10461
- Plastinin, V.M. see Ivanova, V.S. 1-31626
- Plastinin, V.M. see Novikov, I.I. 1-2449
- Plastinin, Yu.A. see Momyakin, A.P. 1-1147
- Plastinin, Yu.A. see Zalogin, G.N. 1-34035
- Plastino, A. see Bozzolo, G. 1-50496
- Plastino, A. see Civitarese, O. 1-18589
- Plastino, A. see Gutierrez, G. 1-45841
- Plastino, A. see Otero, D. 1-28506
- Platchkov, S. see Goutte, D. 1-14443
- Plate, N.A. see Postnikov, V.A. 1-35229
- Plateau, A., Karlsson, S.-K. Oxidation of cerium studied by photoelectron spectroscopy 1-26372
- Plateau, A. see Fuggle, J.C. 1-16661
- Platen, H. von see von Platen, H.
- Platenkamp, R.J., den Blanken, H.J., Hoff, A.J. Single-site absorption spectroscopy of pheophytin-a and chlorophyll-a in a n-octane matrix 1-14867
- Platenkamp, R.J., Palmer, M.H., Visser, A.J.W.G. Ab initio molecular orbital studies of Flavin radicals and the lowest triplet state of isoalloxazine 1-10644
- Platkov, V.Ya. see Pal'Val', L.N. 1-19524, 1-30322
- Platkov, V.Ya. see Pal'Val', L.N. 1-30271
- Platner, E. see Chung, S.U. 1-14423, 1-45362
- Platonenko, V.T. see Markano, A.O. 1-1543
- Platonov, A.P. Calculation of the spectra of 'quasi-particle-plus-phonon' multiplets 1-18547
- Platonov, G.F. see Gusev, V.N. 1-36141
- Platonov, P.A., Chugunov, O.K., Karpukhin, V.I., Kuznetsov, V.N., Alekseev, S.I., Golovin, V.P. Linear coefficient of thermal expansion of graphitic materials 1-28603
- Platonov, V.N., Prokhorov, A.M., Pyt'yev, Yu.P., Shechev, M.Ya. The correction and restoration of images obtained in experiments on plasma and laser radiation diagnostics 1-15650
- Platonova, N.P. see Tokar', E.N. 1-50121
- Platonova, N.P. see Byelakova, L.D. 1-52081
- Platova, S.N. see Shvedova, T.L. 1-48604
- Platt, C.E. see Fortson, E.N. 1-269
- Platt, U., Perner, D. Direct measurements of atmospheric CH_2O , HNO_2 , O_3 , NO_2 , and SO_2 by differential optical absorption in the near UV 1-44251
- Platt, U. see Perner, D. 1-44293
- Plattard, S., Auchampaugh, G.F., de Saussure, G., Hill, N.W., Harvey, J.A., Perez, R.B. High-resolution measurement of the $^{231}\text{Pa}(n,f)$ cross section from 0.4 eV to 12 MeV 1-18698
- Plattard, S., Auchampaugh, G.F., Hill, N.W., de Saussure, G., Harvey, J.A., Perez, R.B. Some spectroscopic properties of fine structures observed near the $^{231}\text{Pa}(n,f)$ fission threshold 1-45549
- Platte, M. see von Lohneysen, H. 1-30878
- Platten, J.K., Legros, J.C. Critical slowing down of the Soret-driven convective instability in a two-component liquid layer heated from below 1-24766
- Plattner, G.R. Coupling constants in few nucleon systems 1-28393
- Plattner, G.R. see Gubler, H.P. 1-28489
- Platts, D.A. see Jarboe, T.R. 1-6997
- Platts, N. see Clifford, A. 1-11485, 1-11486
- Platunov, E.S. see Buravoi, S.E. 1-44914
- Platz, P. Isotope exchange experiments on TFR 1-25057
- Platz, P., Ramette, J., Belin, E., Bonnelle, C., Gabriel, A. High-throughput, high-resolution soft X-ray crystal spectrometer for Tokamak-plasma studies 1-50292
- Platzek, A.M. see Agudin, J.L. 1-29165
- Platzer, H., Gluender, H. A high precision 2D signal analysis, performed coherent optically as a preceding step in picture deburring 1-41617
- Platzman, P.M., Campagna, M. Bragg reflection and isochromat spectroscopy of electrons from a magnetic single crystal surface: novel polarization detectors? 1-18954
- Platzman, P.M. see Ikezi, H. 1-42605
- Platzman, P.M. see Jackson, S.A. 1-20739
- Platzman, P.M. see McCall, S.L. 1-3406
- Plaut, D.I., Webster, J.G. Ultrasonic measurement of respiratory flow 1-8929
- Plaut, D.I., Webster, J.G. Design and construction of an ultrasonic pneumotachometer 1-8931
- Plaut, G. see Kubar, J. 1-10145
- Plavich, L.F. see Oskinski, V.I. 1-3011
- Plavnik, G.M. see Shishlyannikova, L.M. 1-29966
- Play, D., Godet, M. Relation between wear of Cr-Ni steels and debris transport at high temperature (950°C) 1-16904
- Playe, P. see Cabane, M. 1-48764
- Playter, J.M. see Cogswell, F.N. 1-34390
- Playter, S.M. see Dellacasa, G. 1-14766
- Playford, C.St.Q. see Burgess, D.D. 1-29914
- Playford, K. see Cambray, R.S. 1-13205
- Playford, K. see Pattenden, N.J. 1-48934
- Plazek, D.J., Raghupathi, N., O'Rourke, V.M. New evidence for molecular entanglements 1-34389
- Pleasanton, F. see Bemis, C.E., Jr. 1-36972
- Plebsanski, J.F. see Boyer, C.P. 1-18103
- Plecnik, R.M. see Scott, B.A. 1-26392
- Plébel, W. see Wagner, R.E. 1-46558
- Pléiner, H., Brand, H. On the influence of higher order gradient terms on the hydrodynamics of liquid crystals 1-2313
- Pleiner, H., Brand, H. Convective instabilities in cholesteric and smectic-A liquid crystals 1-52063
- Pleiner, H. see Brand, H. 1-34536, 1-34540
- Pleifer, F. see Arends, A.R. 1-34960
- Pleifer, F. see Spijkeret, W.J.J. 1-16510

- Plekhanov, V.G. *see* Abolyn, D.E. 1-3486
Plekhanov, V.G. *see* Lushchik, Ch.B. 1-12547
Plekhanov, V.P., Kedrinski, I.A., Kuznetsova, T.V., Kuchaeva, V.I., Murashov, V.D. Effect of anions on the anodic dissolution efficiency 1-53571
Plendl, H.S. *see* Lieb, B.J. 1-5732
Plesch, G. *see* Haviar, M. 1-21401
Pleshakov, E.I. *see* Fetisova, M.M. 1-3929
Pleshakov, L.A. *see* Ardasheva, M.M. 1-24777
Pleshakov, V.G. *see* Nagornyi, V.G. 1-29979
Pleshakov, Yu.E. *see* Markovich, I.E. 1-11562
Pleshchikov, V.S. *see* Konopasov, N.G. 1-32495
Pleshkov, V.E. *see* Chernov, A.G. 1-28580
Plesko, S., Kind, R., Arend, H. New structural phase sequence with incommensurate phases in A_2BX_4 halides with β -K $_2$ SO $_4$ structure 1-7324
Plesskii, V.P. *see* Grigor'evskii, V.I. 1-2794, 1-52411
Plesskii, V.P. *see* Gulyaev, Yu.V. 1-37757
Plessl, A. *see* Ecklin, G. 1-52018
Plessl, A. *see* Niemeyer, L. 1-15695
Pletcher, R.H. *see* Chilukuri, R. 1-42090
Pletcher, R.H. *see* Malik, M.R. 1-42054
Pletner, N.V. *see* Basov, N.G. 1-6596, 1-6597
Pletneva, E.D. *see* Khodos, M.Ya. 1-38548
Pletyukhov, V.A. *see* Strazhev, V.I. 1-19253
Plevako, V.P. Stress distribution in the zone of abrupt change of elastic properties of an inhomogeneous material 1-33893
Pleve, A.A. *see* Oganeyan, Yu.Ts. 1-50655
Plewes, D.B., Wandtke, J.C. Improved lung module detection with an equalized image 1-43983
Plewko, K. Method of evaluating the statistical component of time distortions measurement error 1-40760
Plichczewski, Z. *see* Kusmirek, Z. 1-40827
Plicht, J. Van Der *see* Van Der Plicht, J.
Plieth, W., Bruckner, H., Hensel, H.-J. Anisotropy of the dielectric properties of the solid/electrolyte interface. Calculations of the dielectric surface excess for gold and silver electrodes 1-34771
Plihal, M. *see* Weyrich, C. 1-6557
Plimak, L.I. *see* Golubev, Yu.M. 1-6925
Pliner, S.Yu. *see* Toropov, Yu.S. 1-31399
Plis, V.I. On the 'condition at the edge' in the linear theory of long surface waves 1-24825
Plischke, M. *see* Leonelli, R. 1-3400
Pliskin, W.A. *see* Fedorovitz, W. 1-16697
Plo, M. *see* Navarro Belsue, J.M. 1-50288
Ploch, J., Wierzbicki, T. Bounds for large plastic deformations of dynamically loaded continua and structures 1-33909
Ploccienik, J.M., Barbet, A., Mathey, L. Single scattering cluster model applied to Ni(001) angular resolved AES 1-39197
Plodinec, M.J., Chismar, P.H. Design and operation of small-scale glass melters for immobilizing radioactive waste 1-14680
Plog, C., Gerhard, W. Physical aspects of the valence model's parameters 1-31279
Plog, C. *see* Bauch, R. 1-8470
Plohn, H.J. *see* Wangler, J. 1-51304
Plokhoi, V.V. *see* Filimoncheva, P.I. 1-999
Plomp, R., Duquesnoy, A.J. Room acoustics for the aged 1-29460
Plomp, R., Steeneken, H.J.M., Houtgast, T. Predicting speech intelligibility in rooms from the modulation transfer function. II. Mirror image computer model applied to rectangular rooms 1-1778
Plomp, R. *see* Dreschler, W.A. 1-29474
Plomp, R. *see* Houtgast, T. 1-1777
Plomp, R. *see* Pols, L.C.W. 1-8880
Ploner, J. *see* Dultz, W. 1-34477
Plonsey, R. *see* Doslak, M.J. 1-43872
Plonus, M.A., Ouyang, C.F., Wang, S.C.H. Intensity properties of partially coherent beam waves 1-1492
Plonus, M.A. *see* Baykal, Y. 1-17671
Ploog, K. Molecular beam epitaxy of III-V compounds 1-21354
Ploog, K. *see* Dohler, G.H. 1-2849
Ploskonka, J. *see* Skwirzyńska, I. 1-10298
Ploszajczak, M. *see* Drozd, S. 1-45439, 1-45440
Ploszajczak, M. *see* Faessler, A. 1-23546
Ploszajczak, M. *see* Piercy, R.B. 1-41030
Plotkow, H. *see* Bourquin, M. 1-10276
Plotkin, M.E. *see* Ragozin, E.N. 1-33756
Plotnichenko, V.G. *see* Dianov, E.M. 1-35005, 1-35006
Plotnikov, A.F., Sadygov, Z.Ya., Seleznev, V.N. Effect of passed charge on the discharge rate of trapped charge in MNOS memory cells 1-34802
Plotnikov, P.I. Solvability of the problem of spatial gravitational waves on the surface of an ideal fluid 1-24828
Plotnikov, S.V., Popov, D.E., Rozum, E.I., Kostareva, O.G., Vorobiev, S.A. Orientational population of quantum states for fast electrons in planar channeling 1-42441
Plotnikov, S.V. *see* Kaplin, V.V. 1-52205
Plotnikov, S.V. *see* Popov, D.E. 1-7220
Plotnikov, V.G. *see* Maier, G.V. 1-10778
Plotnikova, A.F. *see* Belyaeva, G.I. 1-8484
Plotnikova, N.P. *see* Larikov, L.N. 1-42433
Plouin, F. *see* Bizard, G. 1-5784
Plover, T. *see* Carey, G.F. 1-29664
Pluchino, A.B. Emissivity spectra of composite microscopic particles 1-47265
Pluchino, A.B., Goldberg, S.S., Dowling, J.M., Randall, C.M. Refractive-index measurements of single micron-sized carbon particles 1-9245
Pluchino, S. *see* Anile, A.M. 1-32513
Plum, C.N., Houston, P.L. Improved isotope separation in laser dissociation of trifluoromethyl halides: scavenging of CF $_3$ with HI 1-46038
Plumacher, D. *see* Zaplinski, P. 1-25698
Plumb, R.G. *see* Davies, I.G.A. 1-11170
Plumlee, H.E., Jr. *see* Salikuddin, M. 1-6732
Plumbridge, W.J. Fatigue resistance and structure 1-3888
Plumbridge, W.J., Dalski, M.E., Castle, P.J. High strain fatigue of a type 316 stainless steel 1-48470
Plumbridge, W.J., Priest, R.H., Ellison, E.G. Damage formation during fatigue-creep interactions 1-35392
Plume, E.Z., Sokolov, E.A., Maksimov, R.D. Prediction of the elastic characteristics of organic plastics according to the properties of their structural components 1-31521
Plume, E.Z. *see* Maksimov, R.D. 1-31550
Plumier, R., Sougi, M., Lecomte, M., Miedan-Gros, A. High magnetic field study of sulphur spinel Cu $_{1/2}$ In $_{1/2}$ Cr $_2$ S $_4$ 1-25942
Plummer, D. *see* Crouzel, C. 1-43999
Plummer, E.W. Evaluation of angle-resolved electron energy analyzers 1-23986
Plummer, E.W. *see* Eberhardt, W. 1-39215
Plummer, E.W. *see* Thomas, H.R. 1-35146
Plummer, E.W. *see* Tonner, B.P. 1-24482
Plummer, J.D. *see* Swartz, R.G. 1-24636
Plummer, K.E. BNFP centrifugal contactor experience 1-18863
Plumtree, A. High temperature cyclic life prediction 1-34412
Plunkett, R. *see* Bebek, K. 1-33191
Plunkett, R. *see* Chadwick, K. 1-33192
Plunt, J., McQueen, D. A theory of the response of a ship's hull to propeller-generated acoustic pressure 1-41911
Pluntke, Ch. *see* Turkes, P. 1-2711
Pluvina, G. *see* Benoit, D. 1-35357
Pluvina, G. *see* Robin, C. 1-48468
Plyatsko, G.V. *see* Kiyak, S.G. 1-31338
Plyutinskii, V.I., Lepik, P.A. Stability calculation for large pressurized-water reactors 1-28531
Plyutinskii, V.I. *see* Afanas'ev, V.A. 1-28532
Pnueli, D., Zvirin, Y. Rayleigh-Jeffreys stability of thermohaline stratified fluids subject to horizontal flows 1-6884
Po Yu *see* Yu Po
Po-zen Wong, Horn, P.M., Birgeneau, R.J., Safinya, C.R., Shirane, G. Competing order parameters in quenched random alloys: Fe $_{1-x}$ Co $_x$ Cl $_2$ 1-25938
Poat, J.M. *see* Baeri, P. 1-30364
Poate, J.M. Implantation into metals for metastable alloy formation 1-2486
Poate, J.M. *see* Baeri, P. 1-38536
Poate, J.M. *see* Bean, J.C. 1-16692
Poate, J.M. *see* Draper, C.W. 1-35451
Poate, J.M. *see* Hirvonen, J.K. 1-11775
Pobedinskaya, E.A. *see* Dago, A.M. 1-20166, 1-25230
Pobedinskaya, E.A. *see* Kaplunnik, L.N. 1-25221
Pobedinskaya, E.A. *see* Krutik, V.M. 1-2415, 1-30192
Pobedinskaya, E.A. *see* Nadezhina, T.N. 1-20169
Pobedinskaya, E.A. *see* Pushcharovskii, D.Yu. 1-25225
Pobedina, A.B. *see* Verenkova, E.M. 1-48536
Pobedria, B.E. Some general theorems of the mechanics of a deformable solid 1-24672
Pobedrya, B.E., Levin, V.D. The influence of a defect on the strain-stress state of cylindrical shells 1-9840
Pobell, F. Progress towards absolute zero 1-9988
Pobell, F. Mossbauer spectroscopy on superconducting and mixed valent europium compounds 1-25834
Pobell, F. *see* Glass, J.C. 1-26101
Pobell, F. *see* Kubota, M. 1-25959
Pobell, F. *see* Mueller, R.M. 1-14210
Poberezhnyi, Ya.L., Aksenova, E.V., Kalichak, T.N. Residual stresses in aluminum steel 08kp and their redistribution by heating 1-26571
Poberezhskii, L.P. *see* Nedospasov, A.V. 1-15669
Pobezhimov, P.P. *see* Dolzhanskii, Yu.M. 1-3849
Pobiner, H. *see* Bornstein, A. 1-53500
Pobo, L.G. *see* Young, C.E. 1-46089
Poc, M.M., Rouleau, P., Scott, N.A., Chedin, A. Quantitative studies of Meteosat water-vapor channel data 1-44264
Pocanic, D., Vourvopoulos, G., Aslanoglou, X., Holub, E. Possible evidence for the existence of intermediate resonant structure in the $^{13}\text{Be}^{+13}\text{C}$ heavy-ion system 1-41127
Pocanic, D. *see* Drake, D.M. 1-28448
Pocard, P. *see* Merigoux, J.M. 1-17288
Pocchiarri, F. *see* Campos Venuti, G. 1-53708
Poch, A. *see* Gomis, J. 1-9844
Pochelon, A. *see* Dubois, M.A. 1-29861
Pochivalova, G.P. *see* Nikitina, N.V. 1-48430
Pochon, E. Determination of the spontaneous Raman linewidth of CF $_4$ by measurements of stimulated Raman scattering in both transient and steady states 1-37259
Pochtman, Yu.M. *see* Karnovskii, I.A. 1-41979
Pochtovik, V.S. *see* Gil'bershtein, P.G. 1-13409
Pockrand, I., Otto, A. Coverage dependence of Raman scattering from pyridine adsorbed to silver/vacuum interfaces 1-8150
Pockrand, I., Otto, A. Surface enhanced and disorder induced Raman scattering from silver films 1-43127
Pockrand, I. *see* Timper, J. 1-35046
Pocock, D.N., Chiu, K.Y., Missman, R.A., Nuttall, D.E. Extrinsic charge-extraction device (XCED) - an extrinsic-silicon focal-plane array architecture 1-5380
Pocock, D.N., Kasai, I., Nuttall, E., Chih-Hong Chen, Ting, R.N. Fabrication and evaluation of a monolithic InSb CID 1-5389
Pocsik, G., Torma, T. On the decays of heavy Higgs bosons 1-10135
Pocsik, I. New interpretation of light scattering measurements in nematic liquid crystals 1-30055
Pocsy, F. High-power plasma generator working with compressed air 1-7007
Podbereskaya, N.V., Kozhemyak, N.V., Golubeva, L.G., Balko, V.P., Bakakin, V.V., Borisov, S.V. Refined crystal structures of γ -La $_2$ S $_3$ and γ -Sm $_2$ S $_3$. Ratio of the ThP $_4$ and zircon structures 1-30183
Podbereskaya, N.V. *see* Baidina, I.A. 1-34326, 1-42354
Podchernyayeva, I.A. *see* Lukash, E.S. 1-35450
Podda, S. *see* Sestero, A. 1-19917
Poddoskin, A.B., Yushkanov, A.A., Yalamov, Yu.I. Thermophoresis of moderately large aerosol particles 1-24915
Poddubny, V.I., Elyashevich, G.K., Baranov, V.G., Frenkel, S. Topomorphical states and phase transitions connected with the crystallization of polymers 1-34255
Poddubny, A.P. Medical digital thermometer 1-22143
Podduve, M.I. Population inversion behind a detonation wave propagating in a variable-density medium 1-33979
Poddyum, V.P. Electrochemical analysis of the super-additive developing action of hydroquinone with 1-phenyl-3-pyrazolidone. I. Mathematical description of a process without a limiting stage in the Phenidone regeneration reaction 1-23345
Poddyumov, V.P. *see* Kotova, K.V. 1-28098
Podgaikii, M.S. *see* Egorov, N.T. 1-16816
Podgornii, A.N., Zaitsev, B.F., Naidenov, Ya.B. Contact phenomena in a long cylinder with through radial sections 1-37855
Podgorny, I.M., Dubinin, E.M., Israelevich, P.L. Laboratory simulation of the induced magnetospheres of comets and Venus 1-49554
Podgorny, Y.V., Barabash, V.S., Goldstein, I.P., Semenov, M.A., Giganov, Y.N. Automatic complex for scientific studies based on the measurement of density and dielectric characteristics 1-23272
Podgornyi, A.S., Sharshukov, G.K. A study of the development of blind cracks in repeated loading 1-35480
Podgornyi, L.N. *see* Amel'yanovich, K.K. 1-11358
Podgornyi, V.I. *see* Dmitriev, S.G. 1-43238
Podgornyyk, S.M. *see* Kourov, N.I. 1-30967
Podgurski, H.H., Davis, F.N. Thermochemistry and nature of nitrogen absorption in nitrogenated Fe-Ti alloys 1-25433
Podil'chuk, Yu.N. Stressed state of a medium with a rigid ellipsoidal inclusion 1-19574
Podil'chuk, Yu.N., Goloborod'ko, S.A. Three-dimensional stressed state of an unclosed spherical shell 1-19576
Podkatok, V.I. *see* Bystritskii, V.M. 1-33615
Podkhaluzin, V.P. *see* Andreev, A.A. 1-3028
Podkin, Yu.G. Use of dielectric moisture gauges on dissipative materials 1-44908
Podkolzina, I.G. *see* Anan'eva, G.V. 1-39232
Podkolzina, I.G. *see* Ovsyankin, V.V. 1-12550
Podlazar, L.N. *see* Emel'yanov, I.Ya. 1-28643
Podlipchuk, V.Yu. *see* Dubovoi, E.I. 1-23650
Podlucky, R., Weinberger, P. Some aspects of the electronic structure of U $_2$ Th $_2$ As and U $_2$ Th $_2$ Sb 1-47424
Podlucky, R., Zeller, R., Dederichs, P.H. Electronic structure of magnetic impurities calculated from first principles 1-34653
Podlubnyi, L.I., Rostovskii, V.S. Equilibrium theory and kinetic properties of plasma, taking account of electron shells of ions 1-38080
Podluzhnyi, V.V. *see* Sergeeva, L.A. 1-38684
Podmoshenskaya, S.V. *see* Arkhipova, V.I. 1-4139
Podmoshenskii, I.V. *see* Alexandrov, V.Ya. 1-4077

- Podmoshenskii, I.V. *see* Belyatskii, A.F. 1-29944
 Podmoshenskii, I.V. *see* Gurevich, D.B. 1-42246
 Podmoshenskii, I.V. *see* Lakutin, V.A. 1-52012
 Podmoshenskii, I.V. *see* Voronich, V.B. 1-52015
 Podobedov, V.B. *see* Denisov, V.N. 1-8065, 1-8070
 Podobedov, V.B. *see* Varshal, B.G. 1-52950
 Podobryanski, A.V. *see* Gorskho, V.A. 1-11192
 Podolak, E. *see* Podolak, M. 1-9416
 Podolak, M., Podolak, E. A numerical study of aerosol growth in Titan's atmosphere 1-9416
 Podol'skii, A.V. Validity of assuming constant magnetization in calculating the fields of permanent magnets 1-24319
 Podolyanko, S.M. *see* Krutikhovskaya, Z.A. 1-27058
 Podor, B. On the self-compensation of donors in liquid phase epitaxial GaAs 1-38741
 Podor, B., Laczko, Z. Optical excitation of electrons bound to shallow donors in GaP 1-8100
 Podor, B., Pfeifer, J. Residual donors in liquid phase epitaxial GaP 1-7761
 Podorol'skii, A.N. *see* Volodichev, N.N. 1-36132
 Podorozhnyi, A.F., Belotserkovskii, A.A. A primary linear displacement transducer 1-27914
 Podosek, F.A., Honda, M., Ozima, M. Sedimentary noble gases 1-49238
 Podosek, F.A. *see* Ozima, M. 1-17570
 Podowski, M. Reactor asymptotic stability for bounded domains of initial perturbations 1-14048
 Podowski, M. Stability analysis for integro-differential coupled-core reactor models 1-45635
 Podpalyi, E.A., Shilyadov, S.O., Kotys, A.G., Balbashov, A.M., Chervonenkis, A.Ya. Controllable magnetooptical transparency in a holographic autocorrelator 1-41645
 Podpletnev, V.I., Podpletneva, E.A. Influence of ionizing radiation on the electrophysical properties of micas 1-7605
 Podpletneva, E.A. *see* Podpletnev, V.I. 1-7605
 Podrabsky, T. *see* Vrbka, J. 1-3836
 Podrouzkova, Z. Temperature changes and the accuracy of measurement of hydrostatic pressures 1-14130
 Podrugin, D.P. *see* Pinkhusovich, R.L. 1-27995
 Podosiadly, A. The quantitative determination of the beta-Al₂O₃ phase in pure electrocorundum 1-47066
 Podsvirov, O.A., Kuznetsov, Yu.A. Contribution of slow electrons to the inelastic reflection anisotropy 1-26326
 Podsvirov, O.A. *see* Abroyan, I.A. 1-3547, 1-30009
 Podtielezhnikov, A.A. *see* Il'inski, A.I. 1-48418
 Podtielezhnikov, A.A. *see* Il'inski, A.I. 1-16836, 1-35298
 Podteregina, N.N. *see* Zikov, V.G. 1-25017
 Podus, L.P. *see* Kulagin, N.A. 1-52129
 Podval'nykh, G.S. *see* Antoshchuk, A.I. 1-52803
 Podval'nykh, G.S. *see* Kirichok, P.P. 1-7190
 Podvigalkin, P.M. Selenium electrophotographic layers 1-40886
 Podvigalkin, P.M., Fadeev, V.V. PhotodischARGE of an electrophotographic layer during scanning exposure 1-28104
 Podymov, I.S. *see* Plakhin, Ye.A. 1-54276
 Podzimek, J. Advances in marine aerosol research 1-13540
 Podzimek, J. *see* Christman, P.J. 1-29803
 Poe, G.A. *see* Hersman, M.S. 1-40851
 Poe, N.D. *see* Choi, R.Y.L. 1-53887
 Poe, R.T. *see* Chu, B.H. 1-24209
 Poe, R.T. *see* Sun, J.C. 1-35522
 Poekert, R. The spectrum of EW Lacertae 1-4925
 Poekert, R. *see* Gulliver, A.F. 1-44573
 Poedinchuk, A.E. *see* Koshparenok, V.N. 1-29194
 Poefel, K. Influence of the copper electrode surface on initial arc movement 1-34168
 Poehlman, W.F.S., Bhattacharya, R.S., Thompson, D.A., Barber, H.D. Light-ion neutralization behavior in the 25 to 150 keV range using a medium-energy ion-reflection spectrometer 1-16645
 Poel, C.J. *see* van der see van der Poel, C.J.
 Poel, C.J. *see* Van Der see Van Der Poel, C.J.
 Poel, P.A. *see* van der see van der Poel, P.A.
 Poelgest, A. *see* Van see Van Poelgest, A.
 Poelz, G. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Poenaru, D. *see* Magda, M.T. 1-41155
 Poenaru, D.N., Ivascu, M., Mazilu, D. A new semiempirical formula for the alpha decay half-lives 1-18606
 Poenaru, D.N. *see* Sendulescu, A. 1-23611
 Poenaru, V. *see* Chew, G.F. 1-50350
 Poersching, R.K. *see* Herbsleb, G. 1-43580
 Poerschke, R. *see* Wagner, W. 1-47610
 Poet, R. A method of including continuum states in the close-coupling formulation 1-29119
 Poeti, G., Fanelli, E., Braghetti, M. Liquid crystalline phases in 4-propionyl-4'-n-alkanoxyloxyazobenzene 1-20057
 Pofelska-Filip, I., Wronski, A.S. Pressurization and yielding of polycrystalline niobium: some new data 1-34422
 Pogacsas, G. South-West Hungary's deep-geographical structure in the make-up of filtered gravity data 1-40042
 Pogarskii, M.A. *see* Dorin, V.A. 1-42718, 1-42819
 Pogge, H.B. Vapor phase epitaxy 1-48272
 Poggel, G., Faessler, A., Schmid, K.W. Competition between strong and de-coupling in odd-odd mass nuclei 1-45412
 Poggesi, C. *see* Capelo, A. 1-53808
 Poggi, G. *see* Bizzetti, P.G. 1-5690
 Pogibel'skii, A.P. Time-varying acoustooptic interaction at high light intensities 1-41908
 Pogibel'skii, A.P. *see* Deryugin, I.A. 1-1599, 1-6643
 Poglazov, B.F. *see* Edintsov, I.M. 1-17343
 Pogliani, L. *see* Tortoli, P. 1-33855
 Pogodaev, A.K. *see* Tatarintsev, B.V. 1-43660
 Pogodaev, V.A., Rozhdnevskii, A.E., Chistyakova, L.K. Transformation of hydrometeors in mists during their explosion by an intense laser pulse 1-46230
 Pogodin, M.A. Photometric study of H₂O absorption bands in the near infrared of young stars with circumstellar envelopes 1-22799
 Pogodin, M.A. *see* Bergner, Yu.K. 1-9247
 Pogodin, V.I. *see* Zhdanov, V.V. 1-15385
 Pogoreli, V.N. *see* Medvedev, V.K. 1-7475
 Pogorelov, D.Iu. *see* Beletskii, V.V. 1-23001
 Pogorelov, V.E., Salivon, G.I. Oscillatory relaxation and overtone band width in liquid benzene 1-35058
 Pogorelova, O.F., Kytin, G.A., Astrov, D.N. New reference points on the basis of superconducting metals 1-23248
 Pogoreli'skii, I.V. *see* Zuev, V.S. 1-33676
 Pogorelyi, A.N., Kotov, V.V. Investigation of relaxation processes in thin films under electron-nuclear resonance conditions 1-12428
 Pogorelyi, A.N., Lesnik, I.A., Kharitonov, S.Ya. Hyperfine field distributions for ⁵⁷Fe and ⁶¹Ni nuclei in thin Fe-Ni films 1-52874
 Pogorelyi, V.K. *see* Konoplya, M.M. 1-37360
 Pogosov, V.Z. *see* Glezer, A.M. 1-8344
 Pogossian, P.S. *see* Makarian, A.H. 1-15222
 Pogossova, A.V. *see* Nikulin, V.J. 1-26875
 Pogosyan, M.Z. *see* Petrosyan, G.L. 1-21682
 Pogosyan, Ya.M., Chalabyan, M.A., Gevorgyan, S.D. The energy of a Neel type 'charged' wall 1-3210
 Pogosyan, Ya.M., Gevorgyan, S.D. Investigation of the process of magnetic reversals of tunnels in polycrystalline ferromagnetic films 1-3225
 Pogosyan, Ya.M., Ovespyan, A.K. Possible reasons for the channel formation in films under the influence of fields perpendicular to the plane of the sample 1-7902
 Pogozhev, V.M. *see* Mikhail'tsev, A.V. 1-13607
 Pogrebenko, S.V. *see* Kardashev, N.S. 1-44442
 Pogrebnyak, P.S. *see* Verkhovtseva, E.T. 1-6193
 Pogrebnyak, A.D. *see* Annenkov, Yu.M. 1-25320
 Pogrebnyak, A.D. *see* Ishchenko, I.I. 1-12868
 Pogrebnyak, A.D. *see* Sinaiskii, B.N. 1-31618
 Pogrebnyak, P.S. *see* Verkhovtseva, E.T. 1-28916
 Pogrebnyak, V.G. *see* Povkh, I.L. 1-15517
 Pogrebnyak, Yu.F. *see* Karmanova, N.G. 1-43724
 Pogutse, O.P. *see* Gribkov, V.M. 1-38078
 Pogutse, O.P. *see* Parail, V.V. 1-2160
 Pohanka, R.C. *see* Rice, R.W. 1-39432
 Pohl, B.A. *see* Hansen, L.F. 1-10440
 Pohl, G. *see* Crabb, R.L. 1-39780
 Pohl, J. *see* Hurlig, E. 1-40199
 Pohl, K., Mayr, P., Macherauch, E. Persistent slip bands in the interior of a fatigued low carbon steel 1-25284
 Pohl, R. *see* Barber, D.P. 1-534, 1-28309
 Pohl, R.O. *see* Raychaudhuri, A.K. 1-16002, 1-42549
 Pohl, R.O. *see* Vandersand, J.W. 1-36655
 Pohland, H.W. Seawater desalination by reverse osmosis 1-43700
 Pohlandt, K. Testing strain-rate-sensitive materials in the torsion test 1-4025
 Pohlhammer, J., O'Brien, W.D., Jr. Dependence of the ultrasonic scatter coefficient on collagen concentration in mammalian tissues 1-39960
 Pohlman, S.L., Russell, P.M. Corrosion resistance and electrochemical evaluation of silver mirrors 1-12913
 Pohorecki, W. *see* Wasilewska-Radwanska, M. 1-21822
 Poiani, G. *see* Abbondanno, U. 1-33220
 Poiares Baptista, J.P.V. *see* Attisani, A. 1-22377
 Poiblaud, G. *see* Martin, G.M. 1-38742
 Poiblaud, G. *see* Valladon, M. 1-31937
 Poignant, H. *see* Detaint, J. 1-16164
 Poignant, H. *see* Ecovet, C. 1-53224
 Poikolainen, T. *see* Backlin, A. 1-33211
 Poimenov, I.L., Dyul'dina, K.A. X-ray diffraction determination of the immediate environment of antimony in the alloy Fe_{0.12}Mn_{0.88}Sb by the anomalous dispersion method 1-15836
 Poindexter, E.H. *see* Helbert, J.N. 1-47115
 Point, J.-J. Reconsideration of kinetic theories of polymer crystal growth with chain folding 1-30097
 Pointer, M.R. The concept of colourfulness and its use for deriving grids for assessing colour appearance 1-17383
 Pointer, M.R. The gamut of real surface colours 1-18276
 Pointon, A.J. *see* Billerey, D. 1-12270
 Pointon, K.C. *see* Buckle, E.R. 1-31448
 Pointu, A.M., Auphelle, D., Euve, F., Fitaire, M., Vialle, M. Calculation of the electron distribution function of a rare gas nuclear induced plasma 1-11521
 Pointu, A.M. *see* Fitaire, M. 1-38122
 Poiree, B. Equation for conservation of energy in nonlinear acoustics, for a perfect, heterogeneous fluid in unidimensional motion 1-24565
 Poiret, C. *see* Denegri, D. 1-28356
 Poirier, G. *see* Glowinski, R. 1-6868
 Poirier, J.P. *see* Lacam, A. 1-13436
 Poirier, J.P. *see* Madon, M. 1-22328
 Poirier, M.A. *see* Peake, W.H. 1-39187
 Poirier, R. *see* Olivier, J. 1-8169
 Poirier, R.A., Daudel, R., Csizmadia, I.G. Uniform quality Gaussian basis sets for molecular calculations. II. C₂ hydrocarbons 1-10629
 Poirier, R.A., Daudel, R., Mezey, P.G., Csizmadia, I.G. Uniform quality Gaussian basis sets for molecular calculations. I. C₁ hydrocarbons 1-10628
 Poirier, R.A. *see* Peterson, M.R. 1-51090
 Poirier, V.L. *see* McGee, M.G. 1-35917
 Poisson, A., Lebel, J., Brunet, C. Influence of local variations in the ionic ratios on the density of seawater in the St. Lawrence area 1-54091
 Poitevin, J.M. *see* Tardy, J. 1-43258
 Poitou, J., Kratz, J.V., Wirth, G., Lucas, R. On the reconstruction of primary mass and charge distributions from measured secondary quantities in damped heavy-ion collisions 1-50619
 Pokallus, R. *see* Hirschberger, G. 1-24584
 Pokalyakin, V.I. *see* Malakhov, B.A. 1-30837
 Pokalyakin, V.I. *see* Malakhov, B.A. 1-47755
 Pokasov, V.V. *see* Koval', S.S. 1-36059
 Pokasov, V.V. *see* Lukin, V.P. 1-37410
 Pokasov, V.V. *see* Monastyrnyi, E.A. 1-33622
 Pokatilov, E.P. *see* Klyukanov, A.A. 1-25650
 Pokatilov, V.S., Graissyanov, Yu.A., Kulagin, B.N. Nuclear magnetic resonance in amorphous and crystalline cobalt alloys 1-26076
 Pokatilov, V.S., Kapel'nitski, S.V. Ferromagnetic relaxation anomaly on transition to a spin glass state 1-31034
 Pokazeev, K.V. *see* Kononkova, G.E. 1-32463
 Pokhli, Yu.A. *see* Lavrentev, F.F. 1-16803
 Pokhmurskii, V.I. General aspects of the corrosion fatigue of metals and alloys 1-31748
 Pokhmurskii, V.I., Yaremchenko, N.Ya., Kalakhan, O.S., Prishlyak, A.M. Features of the fatigue failure of titanium and its alloys in a sodium chloride solution 1-35443
 Pokhmurskii, V.I. *see* Gny, I.P. 1-4034, 1-53289
 Pokhmurskii, V.I. *see* Matseiko, M.M. 1-39445
 Pokhmurskii, V.I. *see* Ratych, L.V. 1-35479
 Pokhodaev, K.S. *see* Bocharov, O.S. 1-3804
 Pokhodnya, I.K., Pal'tsevich, A.P. A chromatographic method for the determination of the amount of diffusible hydrogen in welded joints 1-48757
 Pokhodnya, I.K., Starodubtsev, L.V., Shvachko, V.I., Marchenko, A.E., Gorpenyuk, V.N. The emission of positive ions by welding slabs, and the effects of this on the stability of the AC arc 1-40889
 Pokhotelov, O.A. Quasilinear theory of drift waves of the Alfvén type in a magnetospheric plasma of finite pressure 1-4709
 Pokhotelov, O.A., Khabazin, Yu.G. Effect of the distortion of the geomagnetic field on the development of the cyclotron instability of fast magnetoacoustic waves in the magnetospheric plasma 1-4708
 Pokhsranyan, K.M. *see* Arutyunyan, A.G. 1-33762
 Poklontsev, B.A. *see* Izgorodin, V.M. 1-1610
 Pokluda, J. *see* Elfmark, J. 1-33299
 Pokluda, J. *see* Stanek, P. 1-12855, 1-47164
 Pokorski, S., Sosnowski, S. Large p₁ jets at small angles 1-45379
 Pokotilovskii, Yu.N., Stoika, A.D., Shelkova, I.G. A possible method for recording small changes in the energy of ultracold neutrons 1-37051
 Pokroev, A.G. *see* Kirochkin, Yu.A. 1-38077
 Pokrovskaya, F.S. *see* Dobrokhotova, V.K. 1-41712
 Pokrovskii, N.S. *see* Dzhelezadina, R.I. 1-45369
 Pokrovskii, Yu.E. *see* Kaminski, A. 1-52497
 Pokrovskii, A.N., Shmanenkov, V.N. Use of additional relations to solve the problem of separation of a laminar boundary layer by the integral method 1-1910
 Pokrovskii, A.N. *see* Chizhov, S.M. 1-20144
 Pokrovskii, A.N. *see* Samartsev, B.G. 1-7151
 Pokrovskii, B.I. *see* Khachatryan, A.G. 1-30444
 Pokrovskii, O.M. *see* Denisov, S.G. 1-9276
 Pokrovskii, V.A., Glukhok, A.M. Ion source to an MI-1305 mass spectrometer for measurements by the field-desorption method 1-45069
 Pokrovskii, Yu.Yu. *see* Lel'chuk, V.L. 1-33291
 Pokrovskiy, L.A. Non-stationary processes in lasers 1-51441

- Pokrovsky, L.A.**, Khazanov, A.M. The calculation of the steady-state distribution dispersion in lasers with due regard of atomic correlations 1-24386
- Pokrovsky, L.D.** see Zhdanov, V.G. 1-26127
- Pokrovsky, S.V.** see Bashilov, Yu.A. 1-184
- Pokrovsky, V.** see Feigelman, M. 1-34225
- Pokrowsky, P.** see Altmann, J. 1-13564
- Pokryshev, V.R.** see Kazatskaya, L.S. 1-43065
- Pokryvailo, N.A.**, Sobolevskii, A.S.
Shul'man, Z.P., Yushkina, T.V. Electrodiffusion anemometry of polymer solutions 1-15516
- Pokushev, B.G.** see Alekseenko, S.V. 1-42006
- Pol, V.** see Dababneh, M.S. 1-15015
- Polach, H.A.**, Chappell, J.M.A. Radioisotope dating with accelerators: Its potential for Australi-Quaternary and environmental research 1-17690
- Polaczek, A.** see Pekala, M. 1-12313
- Polak, J.**, Klesnil, M. Statistical theory of the hysteresis loop 1-3837
- Polak, J.**, Klesnil, M. Fatigue crack propagation in elastic-plastic region 1-48485
- Polak, K.** Problems in high-speed die forging 1-35291
- Polak, M.**, Vaughan, R.W. Two-quanta progressive saturation: pulsed NMR of ^{23}Na in single crystal sodium nitrate 1-31036
- Polak, M.** see Kordos, P. 1-50174
- Polak, R.**, Vojtik, J., Páidarova, I., Schneider, F. Atoms-in-molecules calculations on diatomic fragments of polyatomic systems. HeH and HeH⁺ 1-51151
- Polak, S.** PADDY a program package for 3-D magnetostatic computations 1-24320
- Polak-Dingels, P.** see Weiner, J. 1-37304
- Poland, A.I.**, Howard, R.A., Koomen, M.J., Michels, D.J., Sheeley, N.R., Jr. Coronal transients near sunspot maximum 1-54466
- Poland, D.** see Hamilton, C. 1-42626
- Polanschutz, W.** The selectivity of eddy current methods in the surface examination of ferromagnetic steel rods and wires 1-8515
- Polansky, G.F.** see Lamb, J.P. 1-53555
- Polansky, O.** see Tyutyulkov, N. 1-15051
- Polansky, O.E.**, Fratev, F., Nikolov, P. On correlation of O-O transitions, absorption and fluorescence maxima with σ -Hammitt constants 1-51183
- Polansky, O.E.** see Ivanov, C.I. 1-38720
- Polansky, O.E.** see Nikolov, P. 1-51238
- Polanyi, J.C.** see Arrowsmith, P. 1-35534
- Polaschegg, H.D.**, Jungel, A., Schirck, E. A high pressure preparation lock for surface analysis 1-5337
- Polasek, J.** see Kozel, K. 1-42064
- Polasik, M.** see Jankowski, K. 1-6147
- Polavarapu, P.L.** see Nafie, L.A. 1-14861
- Polcar, M.R.** see Parellada, J. 1-37052
- Polderman, J.** see Does, P.J. 1-40757
- Poldi, E.** see Federici, L. 1-29240
- Poldrugo, P.** see Chiesa, W. 1-2115
- Pole, R.V.** see Bjorklund, G.C. 1-50196
- Pole, R.V.** see Heitmann, D. 1-15285
- Polecha, J.** see Bohun, A. 1-52969
- Poleutz, L.M.** A new approach to the design of LMFBFR liners 1-33286
- Polenur, A.V.** see Azamatova, F.I. 1-35235
- Polenur, A.V.** see Larikov, L.N. 1-20199
- Poleshko, A.P.** Effect of some design and technological factors on the strength of technical glasses and pyrocerams 1-43458
- Poleshko, A.P.**, Soluyanov, V.G. Strength of glass by radial compression of annular specimens 1-3867
- Poletaev, A.V.**, Prokopyuk, N.F., Shmurak, S.Z. Evolution of the exciton reflection spectra of zinc sulfide crystals during a structural transition 1-26233
- Poletaev, N.L.** see Basov, N.G. 1-24389
- Poletaev, P.S.** see Baryshev, V.I. 1-27265
- Poletti, A.R.**, Dracoulis, G.D., Fahlander, C. Low-lying rare states in ^{210}Rn and ^{211}Rn and the competition between neutron-hole and proton excitations 1-5674
- Poletto, G.** Shock wave transit through the transition region and related radio fluctuations 1-4862
- Poletto, G.** Hot downflows above supergranular boundaries 1-9454
- Polevikov, V.K.** see Orlov, L.P. 1-19717
- Polevoi, V.G.** see Levin, M.L. 1-33875
- Polezhaev, V.I.** see Brailovskaya, V.A. 1-34009
- Polezzo, S.** Simplified orbital optimization in multiconfiguration self-consistent field theory by singular value decomposition 1-6157
- Polezzo, S.** see Gatti, C. 1-37141
- Polgar, I.** Regional evaluation of the industrial air pollution and its solution by computer techniques 1-49325
- Polgar, K.**, Jeszenszky, L., Raksanyi, K., Hartmann, E. Growth, stoichiometry and properties of LiNbO₃ single crystals 1-8211
- Polhamus, G.D.** In vivo measurement of long-term laser induced retinal temperature rise 1-22063
- Polhemus, H.M.** see Cehn, J.I. 1-32252
- Poli, R.J.** see Powell, H.T. 1-37467
- Poliaciuk, I.** see Mesaros, V. 1-51472
- Poliak, R.D.** see Herrick, D.R. 1-6183, 1-24078
- Poliakoff, E.D.** see Dehmer, P.M. 1-33515
- Poliakoff, M.** Site-selective laser photochemistry and the simplification of IR spectra in low-temperature matrices 1-41376
- Polian, A.**, Besson, J.M., Chervin, J.C. Phonon modes and optical properties of GaS under high pressure 1-48060
- Polian, A.**, Besson, J.M., Chervin, J.C., Chevy, A. Optical studies of GaS under high pressure 1-35059
- Polian, A.**, Chervin, J.C., Besson, J.M. Phonon modes and stability of GaS up to 200 kilobars 1-12503
- Polianin, A.D.** On the mass transfer in a moving chain of absorbing drops with allowance for the saturation effect 1-33997
- Policarp, A.** see Feio, M.A. 1-18963
- Policarp, A.J.P.L.** see Leite, M.S.S.C.P. 1-28807
- Policarp, A.J.P.L.** see Salet, M. 1-23957
- Polidan, R.S.**, Oegerle, W.R., Margon, B. HR 4453: an anomalously bright UV source? 1-27556
- Polidan, R.S.** see Parmar, A.N. 1-27636
- Polidan, R.S.** see Snow, T.P., Jr. 1-49672
- Polignac, A.** De see De Polignac, A.
- Polignano, M.L.**, Picco, P., Cerofolini, G.F. Phosphorus silica glass as dopant source 1-34362
- Polikanov, S.** see Johansson, T. 1-18694
- Polikanov, S.M.** see Ganzorig, Dz. 1-23697
- Polikarpov, S.D.** see Malkin, B.Z. 1-7284
- Polikarpov, Yu.A.** see Mirovovskii, V.S. 1-47294
- Polinchuk, N.N.** see Zhimerin, D.G. 1-308
- Poling, R.** see Bebek, C. 1-33191
- Poling, R.** see Chadwick, K. 1-33192
- Polionov, V.P.**, Pashkin, Yu.G., Prokhorov, Yu.A. Determination of neutron and radiation components of energy release in boron-containing rods using Gray chambers 1-28596
- Polisan, A.A.** see Abrosimov, N.V. 1-31335
- Polischuck, Yu.Ya.** see Zharkikh, Yu.S. 1-30772
- Polishchuk, A.Ya.**, Shpil'rain, E.E., Yakubov, I.T. Monomer-dimer transport cross sections in alkali-metal vapors 1-14973
- Polishchuk, A.Ya.**, Shpil'rain, E.E., Yakubov, I.T. Thermal conductivity and viscosity of lithium vapors 1-46843
- Polishchuk, D.F.** Special characteristics of the dynamics of a screw-type thin beam 1-24740
- Polishchuk, G.I.** Fluid flow induced by wave motion of the walls of a channel 1-19818
- Polishchuk, V.N.** see Shevchenko, N.G. 1-626
- Polishchuk, Yu.M.** see Danil'chenko, V.E. 1-35257
- Polishko, V.B.** see Akunei, S.A. 1-27279
- Politch, J.**, Farhat, N.H. Electro-optic processing in longwave holography 1-29228
- Politch, J.** see Rosenberg, A. 1-1512, 1-24381
- Politi, A.** see Arcucci, F.T. 1-182
- Politi, J.** see Hofker, W.K. 1-7192
- Politiuk, S.K.** see Kanchev, O.D. 1-35367
- Politis, C.** see Weaver, J.H. 1-26367
- Politis, T.G.**, Drickamer, H.G. High pressure luminescence studies of metalloporphyrins in polymeric media 1-41419
- Polito, J.** see Engi, D. 1-14614
- Politoske, D.** see Pratt, H. 1-17411
- Polivovich, M.K.** see Hobbs, P.V. 1-22424, 1-22425
- Polityko, S.I.** see Budnev, N.M. 1-5621
- Politzer, H.D.** Still QCD-ing 1-14360
- Politzer, P.** Electrostatic potential-electronic density relationships in atoms. II 1-1064
- Politzer, P.A.** see Potok, R.E. 1-6937
- Polivanov, Yu.N.**, Prokhorov, K.A. Characteristics of the Raman scattering of light in lithium formate crystals 1-26211
- Polivanov, Yu.N.**, Sayakhov, R.Sh. Hyper-Raman scattering of light by optical phonons in the noncentrosymmetric crystal CdS 1-12511
- Polivanov, Yu.N.**, Sayakhov, R.Sh. Hyper-Raman scattering from infrared active modes in calcite crystals 1-39087
- Poljak, M.**, Levandowski, D.W., Weismiller, R.A. Geologic interpretation of remote sensor data for the Big Desert Area of Idaho 1-9301
- Poljakov, V.V.** see Efimov, V.A. 1-41007
- Poljsak, M.** see Beck, R. 1-28490
- Poljudov, V.V.** see Demtschuk, A.F. 1-35533
- Polk, D.H.** see DeBlois, R.L. 1-931
- Polkhov, A.P.** The modelling of the storm winds for the sea area using the canonical regression structure 1-44243
- Polkhovskaya, T.M.** see Sinii, I.G. 1-8049
- Pol'kin, I.S.**, Notkin, A.B., Semenova, N.M. Changes in the structure of high-strength titanium alloys after HTMT 1-16819
- Polkovnikov, Yu.V.** see Bochenin, Yu.V. 1-27295
- Polkovnikov, Yu.V.** see Efimenko, S.A. 1-45097
- Poli, D.I.A.** Three-dimensional boundary layer transition via the mechanisms of 'attachment line contamination' and 'cross flow instability' 1-42041
- Poli, J.D.** see Wolniewicz, L. 1-33441
- Polla, D.L.**, Jones, C.E. Deep level transient spectroscopy in Hg_{1-x}Cd_xTe 1-34658
- Polla, D.L.**, Jones, C.E. Admittance spectroscopy of deep levels in Hg_{1-x}Cd_xTe 1-42713
- Polla, D.L.**, Sood, A.K. Schottky barrier photo-diodes in p Hg_{1-x}Cd_xTe 1-7706
- Pollacco, E.C.** see Bhowmik, R.K. 1-50647
- Pollacco, E.C.** see Morrison, G.C. 1-45520
- Pollachini, L.** see Bottoni, G.P. 1-45587
- Pollack, J.B.**, Cuzzi, J.N. Scattering by non-spherical particles of size comparable to a wavelength: a new semi-empirical theory 1-6477
- Pollack, J.B.**, Rages, K., Toon, O.B., Yung, Y.L. On the relationship between secular brightness changes of Titan and solar variability 1-17785
- Pollack, J.B.**, Yung, Y.L. Origin and evolution of planetary atmospheres 1-13714
- Pollack, J.B.** see Collins, S.A. 1-22721
- Pollack, J.B.** see Toon, O.B. 1-13501, 1-40383
- Pollack, M.A.** see Degani, J. 1-45004
- Pollack, M.A.** see Iga, K. 1-15183
- Pollack, M.A.** see Laufer, P.M. 1-21172
- Pollack, M.A.** see Leheny, R.F. 1-45008
- Pollack, M.A.** see Shah, J. 1-3449
- Pollak, E.**, Child, M.S. Classical mechanics of a collinear exchange reaction: a direct evaluation of the reaction probability and product distribution 1-26716
- Pollak, E.** see Child, M.S. 1-26717
- Pollak, F.H.**, Woodall, J.M. Characterization of strain at Ga_{1-x}Al_xAs-GaAs interfaces using electrolyte electroreflectance 1-16349
- Pollak, F.H.** see Laufer, P.M. 1-21172
- Pollak, F.H.** see Mendez, E.E. 1-52916
- Pollak, F.H.** see Silberstein, R.P. 1-16359, 1-34801
- Pollak, F.H.** see Tsu, R. 1-35044, 1-53006
- Pollak, M.** Transition rates for correlated multi-electron hopping 1-47642
- Pollak, M.** Effect of electron-electron interactions on hopping and on delocalization 1-47651
- Pollak, T.M.**, Folweiler, R.C., Chicklis, E.P., Baer, J.W., Linz, A., Gabbe, D. Properties and fabrication of crystalline fluoride materials for high power laser applications 1-29357
- Pollak, V.** Surface EMG and muscle force at low force levels. A model based theoretical study 1-8832
- Pollak, V.** see Sato, K. 1-35876
- Pollard, A.**, Spalding, D.B. On the three-dimensional laminar flow in a tee-junction 1-19813
- Pollard, A.M.**, Matthew, J.A.D., Heavens, O.S. Electron loss spectra of silicate glasses 1-31248
- Pollard, D.** A simple parameterization for ice sheet ablation rate 1-36003
- Pollard, D.**, Ingersoll, A.P., Lockwood, J.G. Response of a zonal climate-ice sheet model to the orbital perturbations during the Quaternary ice ages 1-36054
- Pollard, D.D.** see Segall, P. 1-13404
- Pollard, G.** see Barr, P. 1-13855
- Pollard, G.** see Treves, A. 1-49720
- Pollard, G.S.G.** see Parmar, A.N. 1-27636
- Pollard, H.F.** see Koopmann, G.H. 1-41970
- Pollard, J.B.** Decorating plastics. Pre-treatment—key to plastic finishing 1-3950
- Pollard, T.D.** see Aebi, U. 1-21980
- Pollert, E.**, Jirak, Z. Study of Pr_{1-x}Mn_xO₃ perovskites. [Structural and magnetic properties] 1-38934
- Pollert, E.**, Nevirna, M., Novak, J. Phase diagram of the Mn₂O₃-Cr₂O₃ system in air 1-21433
- Pollert, E.** see Nevirna, M. 1-3709
- Polley, L.** On infinite direct products of Lorentz transformations 1-18008
- Poli, E.** see Capitani, G.P. 1-23936
- Pollini, I.**, Spinolo, G., Benedek, G. Vibrational structure of crystal-field spectra in layered 3d-metal dihalides 1-34668
- Pollio, J.**, Meyer, R., Sivak, L.D. Model analysis of underwater photographic and visibility systems from observed data 1-22546
- Pollmann, J.** On the electronic structure of semiconductor surfaces, interfaces and defects at surfaces or interfaces 1-30802
- Pollmann, J.**, Mazur, A., Schmeits, M. Electronic properties of relaxed surfaces, interfaces, overlayer systems and defects at surfaces or interfaces; applications of the scattering theoretic technique 1-7697
- Pollmann, J.** see Ivanov, I. 1-16336
- Pollmann, J.** see Mazur, A. 1-42852, 1-52628
- Pollmann, P.**, Scherer, G. Phase transition lines of the blue phase of cholesteryl nonanoate up to 1200 bars 1-2601
- Pollock, A.M.T.**, Bignami, G.F., Hermens, W., Kanbach, G., Lichti, G.G., Masnou, J.L., Swanenburg, B.N., Wills, R.D. Search for γ -radiation from extragalactic objects using a likelihood method 1-44631
- Pollock, C.R.** see Kasper, J.V.V. 1-28906, 1-45040
- Pollock, C.R.** see Litfin, G. 1-18311
- Pollock, E.L.**, Alder, B.J., Pratt, L.R. Remarks on 'The field far from a charge and a dipole' 1-46193
- Pollock, E.L.** see Alder, B.J. 1-32653
- Pollock, F.** see Ezell, E.F. 1-42604
- Pollock, G.G.** Fiber optics in neutral beam control on the TMX experiment at LLL 1-11122
- Pollock, J.T.** see Pica, A.J. 1-22911

- Pollock, M.D. On the effect of a variable vacuum energy density upon the spectrum of the cosmological microwave background radiation 1-27637
- Pollock, M.D. see Bonometto, S.A. 1-10064
- Pollock, N. A simple laser interferometer for wind tunnel flow visualization 1-2108
- Pollock, N. Wind speed and direction meter. II. Display circuitry and testing 1-44348
- Pollock, N. Wind speed and direction meter. I. Digital and analogue indication for racing yachts or met. stations 1-54284
- Pollock, R.E. see Sjoreen, T.P. 1-23633
- Pollock, S.M. see Engels, J.D. 1-53563
- Pollock, V. see Mills, D. 1-36780
- Pollock, W.H. see Heidt, L.E. 1-40166
- Polls, A. see Fabricini, A. 1-23580
- Polls, A. see Guardiola, R. 1-36912
- Polmear, I.J. see Boyapati, K. 1-31655
- Polnarev, A.G. see Basko, M.M. 1-44677
- Polnarev, A.G. see Grishchuk, L.P. 1-18112
- Polnarev, A.G. see Khlopov, M.Yu. 1-22935
- Polnarev, A.G. see Novikov, I.D. 1-13799, 1-13897
- Polnitsky, G. see Cepelch, Z. 1-13738
- Polo, S.R. see Rubin, B. 1-51204
- Polok, G. see Däum, C. 1-14424, 1-28357
- Polonis, D.H. see Rao, K.V. 1-26554
- Polonskaya, S.M. Electron fractographic analysis of cast low-carbon steel 1-43499
- Polonyi, J. see Kuti, J. 1-28180
- Polos, L. see Ebel, M.F. 1-42617
- Polosukhin, B.G., Chudinov, V.G., Goshchitski, B.N., Gusev, V.V., Mesropov, M.G. A hot-neutron generator with a zirconium hydride rethermalizer 1-28781
- Polotnyuk, V.V. see Gun'ko, L.P. 1-48342
- Polotskii, I.G., Golub, T.V., Glavatskaya, N.I. Internal friction in preliminarily deformed ultrasonic copper-iron alloy 1-8361
- Polovin, R.V. see Demutskii, V.P. 1-51358
- Polovinkina, V.I. see Aristov, V.V. 1-15751, 1-34199
- Polovnikov, S.A. see Antipov, Yu.M. 1-5663, 1-45376
- Polozkov, N.M. see Zolot'ko, A.S. 1-35067
- Polozov, Yu.I. see Anisratov, A.T. 1-12476
- Pols, L.C.W., Schouten, M.E.H. Identification of deleted pliosives: The effect of adding noise or applying a time window (A reply to Ohde and Sharf) 1-37720
- Pols, L.C.W., Van Heusden, E., Plomp, R. Preferred listening level for speech disturbed by fluctuating noise 1-8880
- Pol'shchikov, B.V. see Dul'nev, G.N. 1-46657
- Poltoratskii, Yu.B., Stepanenko, V.M., Fugo, I.Ya. Reconstruction of radiation spectrum of solid nitrogen due to variation of exciting electron beam parameters 1-43154
- Poltoratskii, E.A. see Emel'yanov, A.V. 1-51644
- Poltoratskii, E.A. see Masloboev, Yu.P. 1-51510
- Poltoratskii, E.A. see Nechaev, V.M. 1-21272
- Polturak, E. see Yurke, B. 1-2770
- Polubovarinov, D.N., Gordova, M.R., Kuznetsova, I.G., Bershadskaya, M.D., Avet'kov, V.G. Principal properties of high-density ceramic from AlN 1-31390
- Polucci, G. see McCann, D.M. 1-5388
- Poluchina, V.A., Dzugutov, M.M., Uchov, V.F., Votolin, N.A. The statistical geometry of the structure of the molecular dynamic model of liquid and amorphous aluminum 1-30041
- Poludin, V.I. see Dmitruk, N.L. 1-38848
- Poluektor, I.A. see Gaizhanskas, E. 1-11040
- Poluektor, N.P. see Zverev, V.N. 1-51997
- Poluektor, P.P. see Manykin, E.A. 1-10112, 1-29325
- Poluektor, P.P. see Manykin, Z.A. 1-34037
- Polukhin, V.N. see Tyutikov, M.A. 1-43229
- Polunordvinov, I.G. see Chernov, A.G. 1-28580
- Polunov, Yu.L. see Monastyrskii, S.M. 1-5278
- Polupanov, A.F. see Kogan, Sh.M. 1-43150
- Polushin, S.G. see Ryumtsev, E.I. 1-2326
- Polushin, V.M. see Kovalev, A.S. 1-52017
- Polushkin, Yu.A. see Gribnev, V.N. 1-12789
- Polushkin, Yu.A. see Volosevich, P.Yu. 1-21521
- Polushko, A.P. see Denisenko, E.T. 1-39384
- Poluyanov, L.V. see Oshero, V.I. 1-24047
- Poluyanov, L.V. see Volkov, A.A. 1-46808
- Poluyanov, V.A. see Vetchinkin, S.I. 1-41444
- Poluyanov, A.G. see Bratkovskii, V.M. 1-8046
- Polvado, R.O. see Berger, C. 1-5636
- Polvado, R.O. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Polvado, R.O. see Corcoran, M. 1-33204
- Polve, M., Allegre, C.J. Orogenic lherzolite complexes studied by ^{87}Rb - ^{87}Sr : a clue to understand the mantle convection processes? 1-22666
- Polyschenko, V.L., Churilov, S.M., Shukhman, I.G. The nonlinear stage of gravitational instability in flat gaseous systems 1-44430
- Polyschenko, V.L., Shukhman, I.G. Kinetic effects in gravitating systems 1-13819
- Polyak, G.L. Tensor method for studying radiative heat exchange 1-1812
- Polyak, M.I. see Remenyuk, P.I. 1-2583
- Polyak, Yu.Ya. see Zakharchenko, V.F. 1-22623
- Polyakhov, N.N., Shesternina, Z.N. Stationary flow of a rectangular wing with circulation variable along the span 1-51801
- Polyakova, E.N. Perturbation effects of solar radiation pressure on the motion of an artificial Earth satellite 1-22662
- Polyakov, A.F. see Maksin, P.L. 1-15544
- Polyakov, A.G. see Alkhaizov, G.D. 1-45464
- Polyakov, I.O., Tovstyuk, K.D. Nonlinear dependence of structural instability temperature on impurity concentration 1-2596
- Polyakov, I.P. see Sokolova, S.E. 1-12737
- Polyakov, L.M. Method and instrument for measuring strength and porosity of disperse materials 1-31784
- Polyakov, M.I. see Ermakov, B.A. 1-41715
- Polyakov, M.L. see Kovalov, A.S. 1-10880
- Polyakov, P.A. see Kuz'menkov, L.S. 1-29885
- Polyakov, S.A., Guzman, I.Ya., Balkavich, V.L. Effect of the shape of the powder grains on some properties of silicon carbide refractories 1-31554
- Polyakov, S.N., Kondratenko, V.M., Padun, N.I. Susceptibility of carbon steels to brittle fracture 1-16888
- Polyakov, S.P., Bulanyi, P.F. IQ-meter for measuring the specific heat flow and current density in an electric arc spot 1-46923
- Polyakov, S.P., Pozdeev, G.A. Improvement of the dynamic thermocouple method 1-46931
- Polyakov, V.A. see Zhigun, I.G. 1-31795
- Polyakov, V.I., Perov, P.I., Avdeeva, L.A. Charge characteristics of GaP-CdS-CdSe-Ni heterostructures 1-47741
- Polyakov, V.I. see Aleksandrov, G.V. 1-49134
- Polyakov, V.I. see Smyslov, V.I. 1-48436
- Polyakov, V.V., Shchegolev, E.A. Calculation of the Grüneisen coefficient 1-16005
- Polyakov, V.V. see Alatyrtsev, A.B. 1-29746
- Polyakov, V.V. see Glazkov, V.M. 1-15529
- Polyakov, Yu.A. see Bautin, A.V. 1-37523
- Polyakov, Yu.A. see Bovin, V.P. 1-17131
- Polyakov, Yu.S. see Bogomolov, V.N. 1-39145
- Polyakova, A.M. see Sadovskii, V.D. 1-31498
- Polyakova, I.A. see Zimin, A.A. 1-3964
- Polyakova, I.N., Starikova, Z.A., Trunov, V.K., Parusnikov, B.V., Krasavin, I.A. Chelate-forming compounds—8-hydroxyquinoline derivatives. II. Crystal and molecular structure of 2-(2-pyridylamino)-8-hydroxyquinoline 1-30220
- Polyakova, I.P. see Levintova, T.Ya. 1-37581
- Polyakova, N.A. see Nosova, G.I. 1-25273, 1-31528, 1-43424
- Polyakova, T.A., Sudakov, S.V. Variable linear polarization in three Cepheids 1-54523
- Polyakova, V.M. see Deinega, Yu.F. 1-17063
- Polyakova, V.P., Roshan, N.R., Parfenova, N.I. Recrystallization of palladium alloyed with ruthenium 1-48368
- Polyanin, A.D. Integration of nonlinear nonstationary convective heat- and mass-transfer equations 1-24783
- Polyanin, A.D., Sergeev, Yu.A. Convective heat and mass transfer in a moving ordered system of drops (bubbles) for high Peclet numbers 1-15490
- Polyanin, A.D., Sergeev, Yu.A. Dissolving of a chain of drops (bubbles) in a fluid stream 1-46800
- Polyanin, A.D. see Gupalo, Y.P. 1-24778
- Polyanin, A.D. see Gupalo, Y.P. 1-24778
- Polyanovskii, V.M. Electro-size resonance in semiconductor films 1-42805
- Polyanovskii, V.M. Effect of a strong electromagnetic wave on the conductivity of a semiconductor with a superlattice 1-12120
- Polyanovskii, V.M. Nonlinear conductivity of a semiconductor with a superlattice in a strong magnetic field 1-20756
- Polyanovskii, V.M. Quantum oscillations in semiconductors with a superlattice in magnetic fields 1-20778
- Polyanovskii, V.M. On the possibility of mutual enhancement of electromagnetic waves in narrow-band semiconductors 1-34736
- Polyanovskii, V.M. Nature of magnetic resonance in superlattice semiconductors 1-34921
- Polyanovskii, V.M. Quantum theory of galvanomagnetic effects in superlattice semiconductors 1-52584
- Polyanovskii, V.M., Smolyanskii, S.A., Shekhter, L.Sh. Nonlinear high-frequency conductivity of a semiconductor in quantizing magnetic fields 1-2999
- Polyanovskii, V.M., Smolyanskii, S.A., Shekhter, L.Sh. Nonlinear optical properties of semiconductors 1-41775
- Polyanskii, A.F. see Ladnova, L.A. 1-15511, 1-51806
- Polyanskii, M.N. see Il'in, V.G. 1-6623
- Polyanskii, N.V., Dobretsov, N.L., Ermolov, P.V., Kuzebnyi, V.S. The structure and history of the Char ophiolite belt 1-13455
- Polyanskii, V.M. see Zenkova, E.K. 1-3922
- Polychronidis, C., Marechal, J. Diffusion of a passive contaminant in a distorted turbulent flow 1-11388
- Polyonskii, Ya.L. see Marushkin, V.M. 1-29694
- Polze, S. see Mory, S. 1-51504
- Polzikova, N.I., Gulyaev, Yu.V. Shear surface acoustic waves in semiconductors 1-20539
- Poma, A., Proverbio, E. On the relative motion of the Earth's axis of figure and the pole of rotation 1-44078
- Pomalaza, C.A. see McGillem, C.D. 1-32085
- Pomeau, Y. Non linear pattern selection in a problem of elasticity 1-29553
- Pomeau, Y. A solvable problem in Poisson statistics 1-40714
- Pomeau, Y., Zaleski, S. Selection of wave number in corrective cellular structures 1-11368
- Pomeau, Y. see Derrida, B. 1-32832
- Pomeau, Y. see Loeuergue, J.C. 1-1719
- Pomeranets, I.E. see Cherepanov, V.I. 1-30335
- Pomeranskii, A.A. General properties of multiple-beam Fizeau interference 1-6453
- Pomerantz, M. see Grec, G. 1-27454
- Pomerantz, M. see Nicklow, R.M. 1-42984
- Pomerantz, M.A. see Duggal, S.P. 1-4728
- Pomerantzeff, O. see Webb, R.H. 1-8943
- Polinoy, A.A. see Kosarev, L.I. 1-31812
- Pommaret, J.F. Galois theory for systems of partial differential equations 1-5084
- Pommerrenig, D.H., Enders, D.D., Bryan, E.R. Performance of hybrid silicon focal planes 1-40858
- Pommier, J. see Sidis, V. 1-24248
- Pommier, R., Gril, C., Marucci, J. Sprayed films of indium tin oxide and fluorine-doped tin oxide of large surface area 1-52456
- Pomogayev, V.V. see Vaisberg, O.L. 1-9340
- Pomogayev, V.D. see Rodionov, A.A. 1-12354
- Pomorski, J. see Maczka, D. 1-6038
- Pomorski, K., Hofmann, H. On the dynamics of fission as a dissipative process 1-50666
- Pomorski, K. see Baran, A. 1-50679
- Pomorski, K. see Lojewski, J. 1-727
- Pomorski, K. see Ignatyuk, A.V. 1-10291
- Pomortser, R.V. see Shcherbakov, A.S. 1-2938
- Pomortseva, L.I. see Berman, L.V. 1-20819
- Pompili, R. see Filippi, M. 1-32066
- Pompon, J.P. see Vic, R.L. 1-39845
- Pomraning, G.C. see Larsen, E.W. 1-121
- Ponomarev, L.A. see Verebryusov, V.S. 1-40977
- Ponath, H.-E. Amplification of electromagnetic surface waves 1-41763
- Ponce, W.A. Quark diagrams and the Ω^- nonleptonic decays 1-555
- Ponce, W.A. Effective weak Hamiltonian for the $\Delta b=1$ nonleptonic decays in the six-quark model 1-50423
- Ponce, W.A. see Donoghue, J.F. 1-50395
- Pond, D.A. Bio-technology in neuropsychiatry 1-13334
- Pond, G.D. Dynamic linear tomography and routine linear tomography: a clinical comparison 1-43974
- Pond, S.L. see Herring, G.S. 1-50162
- Pondrom, L., Handler, R., Sheaff, M., Cox, P.T., Dworkin, J., Overseth, O.E., Devlin, T., Schachinger, L., Heller, K. New limit on the electric dipole moment of the Γ hyperon 1-45286
- Pondrom, L. see Yamin, P. 1-45372
- Ponedelnikov, B.E. see Paniutin, V.L. 1-12028
- Ponedelnikov, B.E. see Panyutin, V.L. 1-20630, 1-20632
- Pong, W. A study of absorption spectra from synchrotron radiation measurements 1-26360
- Pong, W., Paudyal, D., Brandt, D. UV photoemission study of air-cleaved LiF 1-31310
- Pong Soo Jang see Brill, D.R. 1-18094
- Pongracz, F., Pongracz, G., Szente, M. Microcomputer method for the analysis of spontaneous bursting activity of units in epileptic cat cortex 1-4393
- Pongracz, G. see Pongracz, F. 1-4393
- Poniewierski, A. see Steckl, J. 1-38266
- Poniewierski, Z., Linkowski, J. Influence of the heterogeneity of the structure on the fracture mechanism of aluminum-silicon alloys 1-48457
- Ponikarov, B.B. see Davydov, A.B. 1-2989, 1-38905
- Politz, E. see Altdorfer, F. 1-35620
- Ponizovsky, A.Z. see Bazelyan, E.M. 1-15727, 1-15730
- Ponnambalam, M.J., Jena, P. Theory of electric field gradient due to a point defect in a cubic metal 1-47588
- Ponnuswamy, M.N. see Parthasarathy, S. 1-42255
- Ponomarenko, A.G., Tishchenko, V.N. Investigation of a CO amplifier emitting microsecond pulses 1-51447
- Ponomarenko, A.G. see Afonin, Yu.V. 1-15672
- Ponomarenko, E.I. see Anisimov, M.A. 1-52293
- Ponomarenko, E.I. see Mil'ner, G.A. 1-24663
- Ponomarenko, I.T. see Komnik, S.N. 1-26544
- Ponomarenko, V.D. see Grinberg, R.Z. 1-7645
- Ponomarenko, V.P., Stoiko, V.P., Shvartser, A.Ya. A composite material with a matrix of high-chromium cast iron 1-16898
- Ponomarev, E.G. see Bovin, V.P. 1-17131

- Ponomarev, L.I., Slavyanov, S.Yu., Somov, L.N. Non-adiabatic matrix elements connecting the continuous spectrum states of the two-centre problem in quantum mechanics 1-5153
- Ponomarev, L.I., Somov, L.N., Vukajlovic, F. Adiabatic representation in the three-body problem with a Coulomb interaction. III. Asymptotics of solutions as $R \rightarrow \infty$ 1-44780
- Ponomarev, L.I. see Vinitskii, S.I. 1-10876
- Ponomarev, V.B. see Korolev, Yu.D. 1-42234
- Ponomarev, V.I. see Atomyan, L.O. 1-7148
- Ponomarev, V.M. Stability of a class of axisymmetric flows of an incompressible liquid 1-33945
- Ponomarev, V.N., Pronin, P.I. Spontaneous symmetry breaking by a torsion field and nonlinear spinor theorems 1-18134
- Ponomarev, V.S., Meier, V.A., Matveev, O.A., Khusainov, A.Kh., Kulikov, V.D., Tomasov, A.A. Cadmium telluride detectors in X-ray fluorescence analysis 1-48762
- Ponomarev, V.Yu., Shilov, V.M., Vdovin, A.I., Voronov, V.V. On the M1 and M2 strengths in ^{135}Ce 1-23592
- Ponomarev, Yu.N., Sokolov, Yu.D., Tkachev, V.I., Fedorushchenko, A.A. The influence of frictional hydrogen adsorption on the friction and wear of 12Kh28NiOT steel 1-35399
- Ponomarev, Yu.N. see Antipov, A.B. 1-46093
- Ponomarev, Yu.N. see Lugin, E.V. 1-46463
- Ponomarev, Yu.N. see Makogon, M.M. 1-14182, 1-33773
- Ponomareva, S.B. see Makogon, M.M. 1-33773
- Ponomarev, V.I. Influence of the β -effect in the friction field on vertical motions in a cyclone 1-22472
- Ponomarev, A.N. see Grebinnik, V.G. 1-43054
- Ponosov, A.K. see Akimov, Yu.K. 1-37059
- Ponosov, A.K. see Biryukov, Yu.A. 1-5645
- Ponosov, Yu.S. see Skorniyakov, G.P. 1-12510
- Pons, B.S. see Schmidt, P.P. 1-24147
- Pons, D., Mircea, A., Bourgois, J. An annealing study of electron irradiation-induced defects in GaAs 1-2426
- Pons, D. see Mircea, A. 1-30670
- Pons, J.M. see Domini, D. 1-49939
- Pons, J.M. see Gomis, J. 1-9844, 1-23437
- Pons, M., Bourgeat, D., Trih, J., Bourdon, B. Epitaxy of silicon at low temperature by plasma-assisted CVD 1-12005
- Pons, Y. see Armstrong, T. 1-10606
- Pons, Y. see Aston, D. 1-14399, 1-45297, 1-50442
- Pont, R.J. Modelling the competitiveness of first generation commercial OTEC power plants 1-8739
- Ponta, D. see Beltrame, F. 1-32332, 1-53950
- Ponta, T. see Abdrhmanov, E.O. 1-722
- Ponta, T. see Angelov, N. 1-18689
- Pontau, A.E., Bauer, W., Conn, R.W. He pumping in the presence of an H beam 1-24995
- Pontau, A.E., Wilson, K.L. VB₂: a thin film coating on vanadium for reduced tritium inventory in controlled fusion devices 1-21647
- Pontau, A.E. see Bohdansky, J. 1-25314
- Pontau, A.E. see Wilson, K.L. 1-25556
- Pontcharra, J. see Englert, Th. 1-12205
- Ponte, G. see Castellani, V. 1-22797
- Ponte, M. Nunes da see Nunes da Ponte, M.
- Ponte, N.S. see Menon, M.M. 1-985
- Ponte Nunes Da see Nunes Da Ponte
- Pontecorvo, B. see Bilenky, S.M. 1-5553
- Pontecorvo, G.B. see Balestra, F. 1-28504
- Ponterini, G. see Baraldi, I. 1-21742
- Ponti, C. The European Shielding Information Service-ESIS 1-18922
- Ponti, C. Approximate methods in reactor shielding calculations 1-18923
- Ponti, L. see Serra, A. 1-4278
- Ponticelli, G. see Massaccesi, M. 1-24174
- Ponticelli, G. see Sastry, B.A. 1-43001
- Ponting, D.K. see Barbour, I.M. 1-5578
- Ponton, J.W., Lee, G.M.C. Crack-opening displacement as a method of measuring crack length in compact-tension specimens 1-8508
- Pontopiddan, M. Pulse signal propagation in a two phase medium and application of related theory for improvement of mass produced industrial products 1-24566
- Pontuschka, W.M. see Taylor, P.C. 1-52862
- Ponyatovskii, E.G. see Dmitriev, V.S. 1-47227
- Ponyayina, A.N. see Vereshchagin, V.G. 1-1497, 1-41584
- Pook, L.P. Mode I branch cracks and their implications for combined mode failure 1-1898
- Pool, M.L. see Venugopalan, M. 1-34179
- Poole, C.P., Jr. see Smith, C.J. 1-47951
- Poole, K.F., Michaelis, M.M. Hialvac and Teflon outgassing under ultra-high vacuum conditions 1-40803
- Poole, L.R. see Whitlock, C.H. 1-44213
- Poole, M.W., Walker, R.P. Some limitations on the design of plane periodic electromagnets for undulators and free electron lasers 1-18261
- Poole, W., Sullivan, J.L. The role of aluminum segregation in the wear of aluminum/bronze-steel interfaces under conditions of boundary lubrication 1-43535
- Pooley, A.S. see Watman, T.H. 1-17384
- Poon, E. see Yang, E.S. 1-43781
- Poon, G. see Ramaswami, B. 1-31649
- Poon, S.J. see Orlando, T.P. 1-47822
- Poon, T.C., Card, H.C. Admittance measurements of Si-SiO₂ interface states under optical illumination 1-38856
- Poon, T.C., Card, H.C. Energy and electric field dependence of Si-SiO₂ interface state parameters by optically activated admittance experiments 1-42862
- Poong-Eul Juhn Future nuclear reactor strategy in Korea on resource basis 1-48808
- Pooran, R. see Darewych, J.W. 1-94
- Poornachandra Rao, G.V.S., Bhalla, M.S. Palaeomagnetism of Dhar traps and drift of the subcontinent during the Deccan volcanism 1-53977
- Porter, T., Tolner, H. The plasma resonance in the response and in the RF impedance of the capacitively shunted Josephson junction in the presence of thermal noise 1-42909
- Poos, A. see Pirlot, R. 1-27980
- Poot, J., Wenckebach, W.T., Poullis, N.J. A study of cross-relaxation by pulsed ENDOR. I. Theory 1-3295
- Poot, J., Wenckebach, W.Th., Poullis, N.J. A study by cross-relaxation by pulsed ENDOR. II. Experiments 1-3296
- Pop, A. see Magda, M.T. 1-41155
- Pop, I., Rus, E., Pop, O. Magnetic susceptibilities and Knight shifts of the intermetallic compounds NdCu₂ and NdCu₃ 1-31046
- Pop, I. see Soundalgekar, V.M. 1-1990
- Pop, O. see Pop, I. 1-31046
- Pop, S.S., Kritskii, V.A., Zaposchnyi, I.P. Observation of surface and volume plasmons in electron-photon emission from a silver surface 1-38739
- Popa, I. see Serbanescu, M. 1-33592
- Popa, M. see Oprea, K. 1-31548
- Popa, M.S. Estimation of unknown nuclear masses by means of the generalized mass relations. III. New generalized mass relations of the Garvey-Kelson type 1-14479
- Popandopolu, A.N., Novikova, G.Yu., Danilenko, E.P. Solubility of carbides and red hardness of tungsten-molybdenum high-speed steel 1-8321
- Pope, B.G. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Pope, C.N. Eigenfunctions and spin^c structures in CP² 1-23087
- Pope, C.N. see Hawking, S.W. 1-5209
- Pope, D.P. see Kulkarni, S.B. 1-26563
- Pope, D.P. see Wilkinson, D.S. 1-26561
- Pope, L.D. Response of a mindlin plate with trunion 1-1865
- Pope, M. see Johnson, W.R. 1-18915
- Pope, M.H. see Wilder, D.G. 1-22052
- Pope, R.B. see Lamoreaux, G.H. 1-41206
- Pope, T., Zielinski, R. Effects of beam shear in Twyman-Green interferometer with imperfect collimator optics 1-10008
- Pope, W.M. see Thackston, M.G. 1-2137
- Popechits, V.I. see Koyava, V.T. 1-16599, 1-29025, 1-46014
- Popek, R.J. see Kirk, M.A. 1-33359
- Popeko, A.G., Ter-Akopian, G.M. Measurement of the ²³⁸U spontaneous-fission half-life by detecting prompt neutrons 1-23967
- Popeko, L.I. see Parfenov, L.M. 1-22294
- Popeko, V.A. see Parfenov, L.M. 1-22294
- Popel, A.S. Oxygen diffusion from capillary layers with concurrent flow 1-4316
- Popelar, C.H., Atkinson, C. Dynamic crack propagation in a viscoelastic strip 1-33916
- Popescu, C. see Ianas, M. 1-40230
- Popescu, D. Sound reinforcement systems in early Danish churches 1-1775
- Popescu, D. see Collins, C.B. 1-48704, 1-48705
- Popescu, D. see Stanculescu, C. 1-36677
- Popescu, I. see Collins, C.B. 1-37279, 1-48704, 1-48705
- Popescu, I. see Olariu, S. 1-36926, 1-45456
- Popescu, I. see Stanculescu, C. 1-36677
- Popescu, I.M., Brunfeld, A., Atanasii, D. Contributions to the calculation of optics in the laser interferometer 1-36726
- Popescu, M. see Joo, I. 1-54057
- Popescu, M.A. Modelling of the short-range order in glassy metallic alloys 1-25178
- Popescu, M.A. Computer simulation of the structure of amorphous metallic clusters deposited on various surfaces 1-30606
- Popielawska, B. see Majewski, M. 1-49455
- Popil, R., Curzon, F.L. Climbing water films in experiments on Rayleigh-Taylor instabilities 1-2780
- Popil'skii, R.Ya. see Dvinskikh, Yu.V. 1-31401
- Popil'skii, R.Ya. see Neumeecheva, S.N. 1-12696
- Popkie, H.E. see Sokalski, W.A. 1-1098
- Popkov, A.F. see Zvezdin, A.K. 1-3174
- Popkov, A.N. Parametric laminar boundary layer equations and computation methods based on their solutions 1-29648
- Popkov, A.N. see Yurova, E.S. 1-20741
- Popkov, K.K. see Kuchin, N.L. 1-28714
- Popkov, V.I. see Machnev, V.Yu. 1-37694
- Popkov, Yu.A. see Dvorkin, A.A. 1-25255
- Popkov, Yu.A. see Nesterenko, N.M. 1-26202
- Poppe, J.A., Seeger, U., Seeger, R., Schleyer, P.R. The structure of carbon trioxide 1-10675
- Poppe, J.A. see Frisch, M.J. 1-6170
- Poppe, J.A. see Jeffrey, G.A. 1-20174
- Poppe, J.A. see Whiteside, R.A. 1-46188
- Popli, R., Rickey, F.A., Samuelson, L.E., Simms, P.C. High-angular-momentum states in ¹⁰⁶Ag and their rotational interpretation 1-45409
- Popli, R. see de Lima, A.P. 1-41033
- Popli, R.K. see Simms, P.C. 1-613
- Popolo, J.J. see Hirschberger, G. 1-24584
- Poponiak, M.R. see Chu, W.K. 1-2484
- Popov, A.A., Shur, D.M., Prosvirin, A.V., Andrenko, V.M., Karaev, A.B. Method for determining the critical temperature of structural steel brittleness 1-26684
- Popov, A.A. see Evdokimov, M.A. 1-18204
- Popov, A.A. see Volkonskaya, T.A. 1-40019
- Popov, A.B., Tshetsyak, K., Khvan Cher Gu. Refined parameters of some Sm and Dy neutron resonances 1-3757
- Popov, A.B. see Aleksandrov, Yu.A. 1-18575
- Popov, A.I. see Antuf'ev, Yu.P. 1-3532
- Popov, A.I. see Belov, N.A. 1-17135
- Popov, A.I. see Fedorets, I.D. 1-642, 1-699
- Popov, A.I. see Mironov, V.D. 1-4135
- Popov, A.K. Infrared frequency conversion by methods of resonant nonlinear optics 1-1630
- Popov, A.K., Shalaev, V.M. Doppler-free transitions induced by strong double-frequency optical excitation 1-15208
- Popov, A.K., Shalaev, V.M. Doppler-free transitions in four-photon parametric resonance processes 1-33753
- Popov, A.K. see Bolotskikh, L.T. 1-6602, 1-33761
- Popov, A.K. see Geller, Yu.I. 1-28930
- Popov, A.K. see Heller, Yu.I. 1-45913
- Popov, A.M. see Kovalev, A.S. 1-25016, 1-35130
- Popov, A.N. see Anisimov, Yu.S. 1-45785
- Popov, A.P. see Makhmudov, A.Y. 1-51811
- Popov, A.S., Bahnev, A.V. Photocapacitance studies on P-I-N InP:Fe structures 1-38844
- Popov, B.I. see Vitvitskii, V.I. 1-26706
- Popov, B.G. see Alfutov, N.A. 1-15429
- Popov, D.E., Plotnikov, S.V., Kaplan, V.V., Vorobiev, S.A. Study of the 'blocking effect' for fast electrons in a silicon crystal 1-7220
- Popov, D.E. see Adishchev, Yu.N. 1-25340
- Popov, D.E. see Plotnikov, S.V. 1-42441
- Popov, E.A. see Belyaeva, A.I. 1-3434
- Popov, E.S. see Tikhomirova, N.A. 1-21150, 1-26146
- Popov, G.M. Field aberrations of concentric optical systems 1-17765
- Popov, G.M., Popova, M.B. Method of designing of the Offner compensator for testing of concave aspheric mirrors 1-17774
- Popov, G.M., Popova, M.B. Fast large-field mirror systems for spectroscopy and space research 1-24469
- Popov, G.S., Nancheva, N.M., Minev, M.R. Investigation of shock loaded copper by positron annihilation 1-26298
- Popov, K.G., Khadzhov, K.B. Relationships between relaxation characteristics and creep for isotropic materials 1-46680
- Popov, K.G., Mandichev, G.I., Khadzhov, K.B. Model for investigating relaxation of a polymer material subjected to torsion in a liquid medium 1-31520
- Popov, K.G., Ruzov, V.P. Collision broadening of the sodium D₁ line ($\lambda = 589.6$ nm) 1-33426
- Popov, K.I., Maksimovic, M.D., Ocokoljic, B.M., Lazarevic, B.J. Fundamental aspects of pulsating current metal electrodeposition. I. The effect of the pulsating current on the surface roughness and the porosity of metal deposits 1-43673
- Popov, K.I., Spasojevic, M.D., Maksimovic, M.D., Boskovic, I.S. Fundamental aspects of pulsating current metal electrodeposition. II. The mechanism of metal film formation on an inert electrode 1-43674
- Popov, L.N. see Gusev, V.G. 1-1666, 1-41576
- Popov, M.T. see Kuindzhi, V.V. 1-41822
- Popov, M.V. see Bartel, N. 1-36316
- Popov, N.A., Chernetkii, A.V., Galkin, Yu.A., Romashchenko, B.S. Erosion of low pressure arc electrodes in the self-generating discharge regime 1-2264
- Popov, O.S. A coronagraph for space observations of the outer white-light corona 1-4766
- Popov, S.N. see Smolenskii, G.A. 1-21081
- Popov, S.P. see Il'yasheva, N.A. 1-16678
- Popov, S.P. see Klochan, E.L. 1-43225
- Popov, V.A., Fadin, V.P. Self-consistent Green's-function method. I. Approximate approach to normalizing and crystal wave function 1-2858
- Popov, V.A., Fadin, V.P. Self-consistent Green's functions method. II. Effect of exchange on band structure of lithium 1-20619
- Popov, V.A., Loginov, A.A. Equation of motion of the magnetic momentum in the quasi-classical approximation 1-3160
- Popov, V.A. see Loginov, A.A. 1-42959

- Popov, V.A. see Sumarokov, V.V. 1-2648
 Popov, V.E. see Efimov, V.I. 1-41007
 Popov, V.E. see Mikhailenko, S.I. 1-30165
 Popov, V.I. Dynamics of particles of weakly dispersed dielectric emulsions in a nonuniform electric field 1-6902
 Popov, V.I. see Belov, A.S. 1-10587
 Popov, V.I. see Efronin, V.P. 1-28409
 Popov, V.I. see Konobeevskii, E.S. 1-36898
 Popov, V.I. see Makovskii, Yu.E. 1-1018
 Popov, V.K. see Barkov, Yu.D. 1-13484
 Popov, V.K. see Likhtenstein, V.I. 1-45035
 Popov, V.M. Interfacing the MIR-2 computer with experiments 1-244
 Popov, V.M. Method for investigating MOS structures in a nonequilibrium state with carrier-depletion of the semiconductor surface 1-30836
 Popov, V.M. see Kuznetsov, N.M. 1-24842
 Popov, V.N., Dul'nev, S.G. Experimental determination of the thermal conductivity of liquids and gases 1-46842
 Popov, V.N., Khachikyan, E.E. Spectrophotometric investigation of the nucleus of the Seyfert galaxy Markaryan 308 1-36397
 Popov, V.N., Khachikyan, E.E. Emission line features in the spectra of four type 1 Seyfert galaxies 1-49805
 Popov, V.N. see Barsukov, K.A. 1-11069
 Popov, V.N. see Brusov, P.N. 1-30514
 Popov, V.P. see Chornoguz, L.V. 1-12677
 Popov, V.P. see Iliev, L.B. 1-52319
 Popov, V.P. see Lozovskii, V.N. 1-42653
 Popov, V.P. see Mikhailenko, V.S. 1-20974
 Popov, V.P. see Naglyuk, Ya.V. 1-3171
 Popov, V.P. see Shvaiko-Shvaikovskii, V.E. 1-2955
 Popov, V.S. On the constant of the redshift of galaxies 1-13854
 Popov, V.S., Brykov, N.N., Pugachev, G.A. Effect of silicon on the wear resistance and fatigue strength of facing alloy 20Kh15VRNSG3 1-16901
 Popov, V.S., Lunyaka, V.L., Shumikin, A.B., Garbuzov, A.S. Effect of corrosive environment on material ablation rate 1-31753
 Popov, V.S. see Alekseev, A.V. 1-50045
 Popov, V.S. see Dolgov, A.D. 1-23053
 Popov, V.S. see Eletskii, V.I. 1-18076
 Popov, V.V., Revzin, R.M. Electrooptic anisotropy induced by electron heating in semiconductors in the interaction of two submillimeter waves 1-31129
 Popov, V.V. see Merrik, B.R. 1-22551
 Popov, V.V. see Volkov, Yu.M. 1-5756
 Popov, V.Ya., Lavrent'ev, V.V. Role of depth of penetration in ATR spectroscopy 1-45038
 Popov, Yu.A. Calculation of the heating of polydisperse particles in a gas 1-46747
 Popov, Yu.M. see Bogatov, A.P. 1-6584
 Popov, Yu.M. see Gaizhaukas, E. 1-11040
 Popov, Yu.M. see Kalashnikov, S.P. 1-51422
 Popov, Yu.M. see Karavanskii, V.A. 1-33829
 Popov, Yu.M. see Kompanets, I.N. 1-34806, 1-51607, 1-51608
 Popov, Yu.M. see Kozlovskii, V.I. 1-37512
 Popov, Yu.M. see Morozov, V.N. 1-46354
 Popov, Yu.M. see Nasibov, A.S. 1-6577
 Popov, Yu.M. see Vyzhlov, B.V. 1-4932
 Popov, Yu.M. see Zverev, A.G. 1-51491
 Popov, Yu.P., Salatskii, V.I., Khuukhenkhoo, G. Averaged cross sections of (n,α) reactions on ^{147}Sm , ^{143}Nd , ^{139}Sm nuclei induced by 30 keV neutrons 1-10385
 Popov, Yu.P. see Andzhevskii, Yu. 1-36952
 Popov, Yu.P. see Kurdyumov, S.P. 1-24649
 Popov, Yu.V. see Kuznetsov, V.A. 1-29383
 Popov, Yu.V. see Popova, A.M. 1-29118
 Popov, Yu.V. see Zakaznov, P.N. 1-1688
 Popova, A.D. see Grishchuk, L.P. 1-40699
 Popova, A.M., Popov, Yu.V., Sotnikov, N.A. Three-body interaction with one of the masses infinite 1-29118
 Popova, A.M. see Komarov, V.V. 1-677, 1-678, 1-679, 1-23567
 Popova, A.M. see Kovaleva, I.Yu. 1-27819
 Popova, A.M. see Vaskin, A.I. 1-33245
 Popova, A.P. see Kovaleva, I.Yu. 1-676
 Popova, I.A. see Malinina, R.I. 1-8330
 Popova, I.L. Instrumental neutron-activation determination of impurities in lead and titanium compounds 1-48769
 Popova, M.B. see Popov, G.M. 1-17774, 1-24469
 Popova, M.I. see Kaminsky, A.K. 1-51015
 Popova, M.N. Source-intensity-dependent noise in Fourier spectroscopy 1-28076
 Popova, M.V. Kinetics of heat exchange when binary solvent is evaporated out of crystallising water-butyl alcohol-benzylpenicillin system 1-7301
 Popova, S.V., Fomicheva, L.N. Crystallization of tungsten-gallium alloys at high pressure 1-38330
 Popova, S.V., Putro, V.G., Fomicheva, L.N. Crystallization of germanides and gallides of transition metals under high pressure and temperature 1-34463
 Popova, V.M. see Abdrmanov, E.O. 1-722
 Popova, V.M. see Dzhmukhadze, S.V. 1-36889, 1-36891
 Popovic, B.D. Electromagnetic field theorems 1-24323
 Popovic, M.M. see Uzelac, N.I. 1-15657
 Popovic, S., Kojic-Prodic, B. An algorithm for calculating the Bragg angles and interplanar spacings for diffraction maxima compatible with the space group requirements 1-42263
 Popovic, S. see Grzeta-Plenkovic, B. 1-7143
 Popovic, Z. see Stanisic, G. 1-16749
 Popovic-Bozic, M. see Maric, Z. 1-5222
 Popovich, D.J. see McKinley, W.A. 1-13048
 Popovich, V.V. Mechanisms of liquid-metal embrittlement 1-35364
 Popovich, V.V. see Dmukhovskaya, I.G. 1-31613
 Popovkin, B.A. see Demina, L.A. 1-53063
 Popowicz, Z. Some remarks about the lattice chiral field 1-36804
 Popowicz, Z., Ling-Lie Chau Wang Backlund transformation, local and non-local conservation laws for super-chiral fields 1-28238
 Popp, F.A. How cells communicate by means of coherent electro-magnetic fields 1-21993
 Popp, G., Pabst, R.F. Fracture behaviour of ceramic materials at high temperatures 1-53273
 Popp, R.L., Macovski, A. Ultrasonic diagnostic instruments 1-49085
 Popp, R.L. see Meltzer, R.S. 1-8937
 Poppa, H. see Bauer, E. 1-16184
 Poppa, H. see Ladas, S. 1-39681
 Poppa, H. see Larson, L.A. 1-30556
 Poppe, D. On the role of angular momentum in the multiphoton absorption of polyatomic molecules 1-6330
 Poppe, M. A new way of detecting tau neutrinos 1-50415
 Poppe, M. see Deden, H. 1-28311
 Poppe, M. see Fritze, P. 1-14431
 Poppe, W. A set of vortex rings with unstable vortex intensity distribution 1-37947
 Poppel, W.G.L. see Olano, C.A. 1-49768
 Popper, D.M., Etzel, P.B. Photometric orbits of seven detached eclipsing binaries 1-40518
 Popper, P. see Giachello, A. 1-16737
 Popper, S.H. Independent spent-fuel storage installation—a near-term solution to our spent-fuel storage dilemma 1-860
 Poppi, M. see Cecchetti, A. 1-12348
 Poppewell, J. see Charles, S.W. 1-30969
 Poppewell, J. see O'Grady, K. 1-12358
 Popravski, R. see Mroz, J. 1-48011
 Popescu, D. see Collins, C.B. 1-37279
 Popayalkovskaya, L.K. see Akhmed'yanov, M.A. 1-349
 Popayalkovskaya, L.K. see Gracheva, G.P. 1-4089
 Popayalkovskaya, L.K. see Morgulis, T.E. 1-51922
 Popynkin, A.I. Spectral characteristics of the stationary diffusion multigroup approximation 1-18712
 Por, G. see Eggert, K. 1-14753
 Porada, I.L. see Babitskaya, A.N. 1-48390
 Porada, Z. see Schabowsky, E. 1-16696
 Porai-Koshits, E.A. see Averb'yanov, V.I. 1-39327
 Porai-Koshits, E.A. see Vasilevskaya, T.N. 1-47011
 Porai-Koshits, M.A. see Abdullin, B.F. 1-8816
 Porai-Koshits, M.A. see Kuznetsov, V.Ya. 1-42358
 Porai-Koshits, M.A. see Rogachev, D.L. 1-42359
 Porai-Koshits, M.A. see Sergienko, V.S. 1-38358
 Porcas, R.W., Booth, R.S., Browne, I.W.A., Walsh, D., Wilkinson, P.N. VLBI structures of the images of the double QSO 0957+561 1-49851
 Porchkhidze, T.S., Fel'dshteyn, Ya.I. Cyclic changes of the field of the ring current 1-22632
 Pordes, S.H. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
 Poretti, G. see Finetti, I. 1-4465
 Porile, N.T. see Pandian, S. 1-41111
 Porkolab, M. see Ono, M. 1-2209
 Porod, W., Vogl, P., Bauer, G. Lattice dynamics and structure of semiconductors 1-47182
 Porodnikov, O.E. see Bashkin, A.S. 1-51508
 Porodnov, B.T. see Barashkin, S.T. 1-15033
 Porokhova, L.N., Mal'ginov, V.V. Joint interpretation of electromagnetic sounding data 1-43638
 Porokhovi, S.Yu. see Akimov, Yu.K. 1-37059, 1-41115
 Porokhovi, S.Yu. see Krasnov, V.A. 1-37058
 Porokolab, M. see Ono, M. 1-2182
 Poromov, V.I. see Dakhno, L.G. 1-40995
 Poroskov, Yu.A. see Burtsev, S.A. 1-3864
 Porotnikov, N.V., Petrov, K.I., Tsygankov, V.N., Bogdanova, M.E. Preparation and certain properties of binary oxides of rare earths and scandium 1-39289
 Porowski, S., Konczewicz, L., Konczykowski, M., Aulombard, R., Robert, J.L. Magnetic freeze-out on the subsidiary minima associated levels in n-InSb under pressure 1-47678
 Porrino, A. see Andreozzi, F. 1-23564
 Porsch, G. see Holz, J. 1-2823
 Porsch, J. see Manson, N.B. 1-21176
 Porsching, T.A., Hall, C.A., Bailey, P.G. Application and analysis of the dual variable method to two-dimensional steam generator simulations 1-10423
 Porsching, T.A. see Gurcak, A.W. 1-18724
 Port, R.F. Linguistic timing factors in combination 1-3717
 Porta, T.K. see Ehrenberg, B. 1-48949
 Portal, G., Lorrain, S., Valladas, G. Very deep traps in Al_2O_3 and CaSO_4 :Dy 1-3507
 Portal, G. see Barthe, T. 1-2982
 Portal, G. see Gasiot, J. 1-966
 Portal, G. see Holzapel, G. 1-8140
 Portal, J.C., Abdel Moaty, M., Zdanowicz, W., Zdanowicz, L. The Shubnikov-de Haas effect in thin films of Cd_3As_2 . I. Crystalline films 1-52586
 Portal, J.C., Nicholas, R.J., Kress-Rogers, E., Chevy, A., Besson, J., Galibert, J., Perrier, P. Two-dimensional behaviour of electrons in bulk InSe from Shubnikov-de Haas oscillations and cyclotron resonance 1-47684
 Portal, J.C. see Nicholas, R.J. 1-3010, 1-12196
 Portal, J.C. see Perrier, P. 1-47456
 Porte, J.P. see Barth, M. 1-41018, 1-45377
 Porte, L., Tranquard, A. X-ray photoelectron spectroscopy of thallium chalcogenides 1-35145
 Portella, P.D. see de Biasi, R.S. 1-3266
 Porter, A.C., Kosai, H. Probable nova in Cygnus 1-27521
 Porter, C.J., Brenton, A.G., Beynon, J.H. Experimental studies of the effect of instrumental parameters and kinetic energy release on the shape of metastable peaks obtained in a linked scan at constant B/E 1-1171
 Porter, D. see Sewell, M.J. 1-29724
 Porter, D.L. Irradiation-induced microstructural changes in neutron-irradiated cold-worked and aged type 316 stainless steel 1-2525
 Porter, F. see Partridge, R. 1-10207, 1-18483
 Porter, G. Measurements of thermophysical properties at high temperatures 1-23242
 Porter, G. see Beddard, G.S. 1-21986
 Porter, G. see Darwent, J.R. 1-8593
 Porter, L.D., Schwab, F., Nakanishi, K.K., Weeks, I.F., Panza, G.F., Mantovani, E., McMenamin, D., Smythe, W.D., Liao, A.H., Landoni, J.A., Biswas, N.N., Chang, F.-S., Bor, S.S., Kausel, E.G., Gasperini, P., Luthy, J.L. Relative computer speeds for surface-wave dispersion computations 1-32367
 Porter, L.E. Mean excitation energy of polystyrene extracted from proton-stopping-power measurements 1-11797
 Porter, L.E., Bryan, S.R. Projectile- z^3 and $-z^4$ corrections to basic Bethe-Bloch stopping power theory and mean excitation energies of Al, Si, Ni, Ge, Se, Y, Ag and Au 1-24000
 Porter, N.A. see Danaher, S. 1-44672
 Porter, R.A. see Harshbarger, W.R. 1-41369
 Porter, R.F. see Williams, B.W. 1-37322
 Porter, R.P. see Beckerle, J.C. 1-29441
 Porter, R.S. see Balta-Calleja, F.J. 1-48497
 Porter, R.S. see Jenkins, R. 1-46183
 Porter, R.S. see Kobayashi, M. 1-16561
 Porter, R.S. see Zachariades, A.E. 1-21416
 Porter, W.H.L. Generation of missiles and destructive shock fronts and their consequences 1-838
 Porteus, J.O., Decker, D.L., Grandjean, D.J., Seitel, S.C., Faith, W.N. Defect-damage-resistant copper mirrors 1-29311
 Porteus, J.O. see Soileau, M.J. 1-1605, 1-29313
 Porth, P. see Arestov, Yu.I. 1-36892
 Porth, P. see Gensch, U. 1-595
 Portier, J. see Matar, S. 1-2965
 Portier, R., Gratiat, D. The analysis of a defect in ordered Ag_3Mg 1-15909
 Portier, R. see Gratiat, D. 1-28131
 Portier, R. see Guymont, M. 1-2297
 Portilla, M. Scattering of two gravitating particles: Classical approach 1-18089
 Portnoi, E.L. see Akhmedov, D. 1-51483, 1-51484
 Portnoi, E.L. see Elyukhin, V.A. 1-33690, 1-47031, 1-51485
 Portnoi, E.L. see Gurevich, S.A. 1-37498
 Portnoi, E.L. see Karpov, S.Yu. 1-33691
 Portnoi, K.I., Bogdanov, V.I., Mikhailov, A.V., Fuks, D.L. Influence of alloying on phase equilibria in interstitial alloys 1-2597
 Portnoi, K.I., Bogdanov, V.I., Mikhailov, A.V., Fuks, D.L. Calculation of thermodynamics functions for the nickel-aluminum system 1-25465
 Portnoi, K.I., Buntushkin, V.P., Zakharov, B.M., Sharpyov, A.Z. High-temperature materials and coatings based on intermetallic compounds of the nickel-aluminum system 1-31555
 Portnov, A.M. Plutonic conglomerates: deposits of gold, uranium and diamonds 1-13498
 Portnova, A.I. see Boyarina, I.L. 1-8256
 Portnyagin, V.I., Milovanov, A.P., Moiseev, V.V. Reflective index and the structural relaxation of glass obtained by ion exchange 1-43091
 Porto, F. see Giordano, R. 1-712
 Porto, F. see Kusterer, K. 1-23914
 Porto, P.D. see Di Porto, P.
 Porto, P.S.P. see Sanjurjo, J.A. 1-12501
 Porubcan, V. see Cepelach, Z. 1-13738
 Poruchikov, V.A. see Belanova, T.S. 1-23663

- Posa, C. Gonzalez *see* Gonzalez Posa, C.
- Posakony, G.J. *see* Lemon, D.K. 1-8512
- Poschenrieder, W., Staudenmaier, G., Staib, P. Conditioning of ASDEX by glow discharge 1-29921
- Poschenrieder, W. *see* Niedermeyer, H. 1-25040
- Poschenrieder, W. *see* Staudenmaier, G. 1-24939
- Poschmann, F.P. *see* Barber, D.P. 1-534, 1-28309
- Poscolieri, M. Statistical reconstruction of a Martian scene; G-mode cluster analysis results from multispectral data population 1-44440
- Poscolieri, M., Schultz, P.H. Dark and bright ray systems on Ganymede's surface: preliminary results 1-44478
- Poscolieri, M. *see* Fulchignoni, M. 1-4799
- Posdamer, J.L. *see* Altschuler, M.D. 1-4386
- Possey, J., Sherwell, J., Kaufman, M. Kinetics of the reactions of atomic bromine with H_2O and H_2O_2 1-39593
- Poshekhonov, P.V. *see* Bazylev, V.K. 1-23365
- Poshivalova, O.V. *see* Musiyaka, V.G. 1-19564
- Posiello, J. An ambient temperature thermometer 1-50129
- Posik, L.N., Khaikovich, I.M. Effects of uranium-ore segregation in transport containers in rapid gamma analysis 1-28686
- Poskanzer, A.M. *see* Azuma, R.E. 1-14498
- Poskas, A.-S. *see* Kaciulis, S. 1-16309, 1-20793
- Posledovich, M.R. *see* Volod'ko, L.V. 1-8061
- Poslyuchenko, R.E. *see* Kalnin'sh, D.O. 1-14646
- Posmentier, E.S. A numerical study of the effects of heat diffusion through the base of the mixed layer 1-13469
- Posnov, N.P., Gurevich, V.M., Demenev, A.E. High-accuracy interference dilatometer type DIVA-1 1-15382
- Posocco, M. *see* Fidecaro, G. 1-591
- Posobenko, L.Z. *see* Bukharov, M.N. 1-49400
- Pospelov, E.P. *see* Pevzner, E.M. 1-40825
- Pospelov, Yu.A., Grachev, G.S. Change in the electron spectrum of As at pressures up to 120 kbar 1-52481
- Pospiech, J. *see* Jura, J. 1-26502
- Pospiech, J. *see* Lucke, K. 1-26491
- Pospieszczyk, A., Bay, H.L., Schweer, B. Diagnostics of impurities in ion beams by carbon probes 1-25061
- Pospieszczyk, A., Bogen, P., Hartwig, H., Lie, Y.T. Determination of low surface coverages of H_2 and CO by vacuum UV-resonance fluorescence spectroscopy of laser desorbed particles 1-30554
- Post, D.E. *see* Hulse, R.A. 1-6376
- Post, E.J. Local versus global conservation and Noether's theorem 1-9902
- Post, H., Haeberlein, U. Proton shielding in single crystals of calcium and lead formate 1-16491
- Post, M.L. *see* Murray, J.J. 1-2655
- Post, R.B., Leibowitz, H.W. Independence of radial localization from refractive error 1-32128
- Post, R.B. *see* White, K.D. 1-4270
- Post, R.F. Magnetic mirror fusion research 1-41232
- Post, R.F., Xing Zhong Li Particle confinement in asymmetric-cell multiple-mirror systems 1-51973
- Post, W.C.N. *see* Bronckers, R.P.N. 1-36640
- Posta, J., Lakatos, J. A simple continuous titration method for the investigation of flame atomization processes 1-53427
- Poster, R. *see* Chung, S.U. 1-41006
- Poster, R. *see* Lomanno, F. 1-14426
- Poster, R. *see* Wise, J. 1-28316
- Posternak, M. *see* Ding-Sheng Wang 1-47727
- Posthuma de Boer, A., Pennings, A.J. Polyethylene networks crosslinked in solution: preparation, elastic behaviour and oriented crystallization. III. Oriented crystallization of swollen networks 1-38303
- Postil, S.D. *see* Nikitenko, N.I. 1-1800
- Postma, H. Investigation of the physics of oriented nuclei 1-44754
- Postnikov, A.A. *see* Cherkasov, Yu.A. 1-40885
- Postnikov, N.S. *see* Dolzhanskii, Yu.M. 1-3849
- Postnikov, N.S. *see* Vasilevskii, Kh.G. 1-8351
- Postnikov, V.A., Lukin, N.Ju., Maslov, B.V., Plate, N.A. The simple preparative synthesis of graft copolymers of polyethylene-acrylamide 1-35229
- Postnikov, V.G. *see* Davydov, Yu.M. 1-11431
- Postnikov, V.S., Donets, A.M., Fedosov, V.N., Kovalevskii, V.I. Temperature dependence of disaccommodation of magnetic permeability 1-3158
- Postnikov, V.S. *see* Gridnev, S.A. 1-25370
- Postnikova, L.N. *see* Itin, V.I. 1-53137
- Postnov, A.I. *see* Levitskii, N.P. 1-5304
- Postnova, L.L. *see* Koren', N.N. 1-35155
- Postnykh, O.A. *see* Bessonov, V.I. 1-44906
- Postoenko, Yu.K. Structure of data links in an automated control system for the Ratan-600 antenna 1-49508
- Postoyard, G.I., Makarenko, A.E., Ryzhova, T.P., Ostapenko, I.T. Resistance of materials based on silicon nitride to corrosion by solutions of some acids and alkalis 1-35413
- Postoi, E.N. *see* Vukstich, V.S. 1-33564
- Postol, T.A., Pelizzari, C.A. Effect of a light impurity on the dynamic structure of a monatomic fluid 1-2305
- Postolache, P. *see* Cristescu, D. 1-2263
- Postoyev, Yu.K. *see* Misyura, V.A. 1-22599
- Pota, G. Evaluation of sound insulation of windows with different standard methods 1-37702
- Potakova, V.A. *see* Belyaeva, A.I. 1-50177
- Potantin, E.P. *see* Belorousov, A.V. 1-51930
- Potantin, E.P. *see* Karchevskii, A.I. 1-23854
- Potapenko, G.T. *see* Emel'yanov, I.Ya. 1-28641
- Potapenko, L.S. *see* Mashkovskii, A.G. 1-2254
- Potapenko, P.T. *see* Emel'yanov, I.Ya. 1-28641
- Potapkin, B.V. *see* Legasov, V.A. 1-29931
- Potapov, I.I., Larin, E.N., Gorbatyuk, S.M., Kravchenko, S.G. Method of investigating the state of stress and strain of powder metals 1-16997
- Potapov, S.E. *see* Kalugin, M.M. 1-33669, 1-33670
- Potapov, V.D. Stability of viscoelastic plates and shells at elevated temperatures 1-11324
- Potapov, V.K. *see* Druzhinin, A.A. 1-46144
- Potapov, V.N. *see* Baldin, V.A. 1-19658
- Potapov, V.T. *see* Gulyaev, Yu.V. 1-51628
- Potapova, N.I., Freyza, L.A. Quasiperiodic variations of F-region parameters in summer 1-4685
- Potapova, T.I. *see* Karavaeva, E.B. 1-51217
- Potard, C. Diffusion properties of the eutectic liquid alloy Ag-Ge 1-52324
- Potaturskii, O.I., Nezhevenko, E.S., Khotzkin, V.I. Coherent intensity correlator 1-6496
- Pothbare, V. *see* Kota, V.K.B. 1-18999, 1-23568
- Potdar, H.S., Pavaskar, N., Mitra, A., Sinha, A.P.B. Solar selective copper-black layers by an anodic oxidation process 1-53668
- Potebnya, Yu.M., Rikhter, R.G., Karmazin, A.G., Tolstunov, V.L., Gubenko, L.V. Unit for high-temperature microscopic investigations of iron ore materials under conditions close to blast-furnace conditions 1-53371
- Potekae, A.I., Golosov, N.S. Temperature dependence of the long period in the model of an alloy with a plane lattice 1-2463
- Potekhin, B.A., Korobeynikov, V.P. Fracture toughness of unstable austenitic steel 10Kh14AG12M 1-3907
- Potekhin, D.P. *see* Gushchina, T.M. 1-27911
- Potekhin, S.A. *see* Pavlov, Yu.M. 1-37771
- Potel, M., Chevrel, R., Sergeant, M., Armici, J.C., Decroux, M., Fischer, O. New pseudo-one-dimensional materials: $\text{M}_2\text{Mo}_2\text{Se}_6$ ($\text{M} = \text{Na}, \text{In}, \text{K}, \text{Ti}$), $\text{M}_2\text{Mo}_2\text{S}_6$ ($\text{M} = \text{K}, \text{Rb}, \text{Cs}$), $\text{M}_2\text{Mo}_2\text{Te}_6$ ($\text{M} = \text{In}, \text{Ti}$) 1-38357
- Potemkin, A.K. *see* Averbakh, V.S. 1-24456
- Potemkin, A.V. *see* Arsenov, P.A. 1-26244
- Potemkin, V.G., Vorob'ev, S.A. Use of a crystal synchrotron target to obtain a positron beam 1-23925
- Potempa, A. *see* Alkhazov, G.D. 1-45464
- Potemra, T.A. Hall currents in the aurora 1-36096
- Potemra, T.A. *see* Lee, J.S. 1-9319, 1-9320
- Potemra, T.A. *see* Zanetti, L.J. 1-13644
- Potente, H. *see* Kruger, R. 1-48541
- Poterasu, V. *see* Jouanna, P. 1-24753
- Poterya, Ya.D. *see* Verkhuturov, A.D. 1-43590
- Poth, H. *see* Izycki, M. 1-1419, 1-1420
- Poth, H. *see* Schwanher, I. 1-15041
- Pothier, E. *see* Faisler, W. 1-45351
- Pothier, W.G., III *see* Berkheiser, V.E. 1-50106
- Potienko, G. *see* Box, H.C. 1-4106
- Potier, A. *see* Herzog-Cance, M.H. 1-3269
- Potier, J. *see* Herzog-Cance, M.H. 1-3269
- Potikha, L.Z. *see* Luchaninov, A.G. 1-31096
- Potikhonov, G.N. *see* Galanov, E.K. 1-46546
- Potocky, L., Zentko, A., Novak, L., Duhaj, P. Relationship between magnetic and structural properties of amorphous $\text{Fe}_{47}\text{Ni}_{23}\text{B}_{16}\text{Si}_{10}$ ribbons 1-47901
- Potocky, L. *see* Kavcanský, V. 1-52800
- Potok, R.E., Politzer, P.A., Lidsky, L.M. Ion thermal conductivity in a helical toroid 1-6937
- Potorii, M.V. *see* Stefanovich, V.A. 1-2406
- Potoymina, L.G. *see* Natsik, V.D. 1-34661
- Pots, B.F.M., Van Hooff, P., Schram, D.C., Van Der Sijde, B. An experimental study of the ion energy balance of a magnetized plasma 1-38172
- Potsch, K. The effect of weak buoyancy forces on the Landau-Squire jet flow 1-37988
- Pottasch, S.R. Masses of planetary nebulae 1-4951
- Pottasch, S.R. Hot central stars of planetary nebulae 1-49650
- Pottasch, S.R. *see* van Gorkom, J.H. 1-54587
- Pottel, R. *see* Afsar, M.N. 1-36679
- Pottner, C.S. *see* Hendry, J.H. 1-43911
- Potter, A.E. *see* Wells, C.W. 1-27398
- Potter, B.R. L-band low loss SAW filters 1-15357
- Potter, D. *see* Bebek, C. 1-33191
- Potter, D. *see* Chadwick, K. 1-33192
- Potter, D. *see* Faisler, W. 1-45351
- Potter, D.L., Hernandez, O.G. Ion-bombardment-induced disordering of $\gamma\text{-Ni}_3\text{Si}$ 1-30284
- Potter, D.W. *see* Lin, R.P. 1-4887
- Potter, E.C. *see* Szirmai, S.G. 1-12681, 1-16708
- Potter, J.E. *see* Lucas, M.W. 1-24233
- Potter, J.M., Riley, N. Free convection from a heated sphere at large Grashof number 1-11396
- Potter, J.M. *see* Lockyer, R. 1-18503
- Potter, O.E. *see* Chhabra, R.P. 1-2124
- Potter, P.E. *see* Adamson, M.G. 1-50760
- Potter, P.E. *see* Hodkin, D.J. 1-5883
- Potter, P.E. *see* Mignanelli, M.A. 1-53164
- Potter, P.E. *see* Rand, M.H. 1-43316
- Pottier, N., Calecki, D. Hot photoexcited electrons: Determination of the time-dependent distribution function in a quantizing magnetic field 1-25739
- Pottier, N. *see* Calecki, D. 1-166
- Pottinger, D. *see* Houston, P. 1-18431
- Pottinger, M.G. *see* Hung, Y.Y. 1-6834
- Potts, A.W. *see* Lee, E.P.F. 1-29037, 1-45911, 1-46021
- Potts, M.W. *see* Prance, R.J. 1-42914
- Potushinskaya, G.B. *see* Pirch, I.I. 1-16964
- Potvin, A.R., Long, F.M., Webster, J.G., Jendrucko, R.J. Biomedical engineering education: enrollment, courses, degrees, and employment 1-32816
- Potyliege, R. *see* De Smedt, E. 1-43958
- Potylitsin, A.P. *see* Adishchev, Yu.N. 1-25340
- Potylitsin, A.P. *see* Didenko, A.N. 1-48191
- Potylitsyn, A.P. *see* Adishchev, Yu.N. 1-2547, 1-34384
- Potylitsyn, A.P. *see* Vorob'ev, S.A. 1-30286
- Potzel, W. *see* Moser, J. 1-47992
- Pouchan, C., Chaillet, M. A theoretical study of peroxyformic acid: vibrational contribution to conformational analysis 1-28876
- Pouchard, M. *see* Demazeau, G. 1-7805, 1-34665, 1-35203
- Pouchard, M. *see* Doumerq, J.P. 1-12156
- Pouchelon, A., Meunier, J., Langevin, D., Chateau, D., Cazabat, A.M. Low interfacial tensions in three-phase systems obtained with oil-water surfactant mixtures 1-30519
- Poucher, J.S. *see* Bebek, C. 1-33191
- Poucher, J.S. *see* Chadwick, K. 1-33192
- Poucher, S. *see* Haber, B. 1-14433
- Pouchou, J.-L., Pichoir, F., Girard, F. Application of the Monte Carlo method to the X-ray analysis of thin films on substrates 1-21814
- Pouget, J. Bleustein-Gulyaev waves in elastic ferroelectrics 1-42620
- Pouget, J., Maugin, G.A. Surface wave coupling in elastic ferroelectrics 1-24571
- Pouget, J.P., Comes, R., Bechgaard, K. Preliminary X-ray diffraction scattering study of TMTSF-DMTCNQ 1-42370
- Pouget, J.-P. *see* Ribault, M. 1-20900, 1-42877
- Pougheon, F., Bernas, M., Roy-Stephan, M., Detraz, C., Guillemaud, D., Kashy, E., Langevin, M., Naulin, F., Roussel, P. First study of the (^{14}C , ^{12}C) reaction. Selectivity of the reaction and the energy levels of ^{28}Mg and ^{30}Si 1-50505
- Pougheon, F. *see* Bernas, M. 1-14538
- Pouke, J.W., Quintenz, J.P., Olson, C.L. Consequence of Pierce instability for focusing of neutralized ion beams 1-41553
- Pouke, J.W. *see* Epstein, B.G. 1-1477
- Poulaert, G. *see* DeFrance, P. 1-29211
- Poulain, M. *see* Lecoq, A. 1-34238
- Poulakos, C. *see* Xanthakis, J. 1-54166
- Poulis, A. *see* Robens, E. 1-47375
- Poulis, N.J. *see* de Haas, L.J. 1-7933
- Poulis, N.J. *see* Groen, J.P. 1-25966
- Poulis, N.J. *see* Marks, J. 1-11789
- Poulis, N.J. *see* Poot, J. 1-3295, 1-3296
- Poulis, N.J. *see* Wenckebach, W.Th. 1-44753
- Poullot, G. *see* Manarache, J.C. 1-778
- Poulsen, K.H., Borradaile, G.J., Kehlenbeck, M.M. An inverted Archean succession at Rainy Lake, Ontario 1-54080
- Poulsen, L.L., Billing, G.D. A classical trajectory study of the fate of vibrational energy released in HF 1-29085
- Poulsen, O. *see* Denne, B. 1-24276, 1-51167
- Poulsen, P.D., Vatz, I.P. Optical system for audio spectrum analysis 1-24604
- Poulsen, R.S. *see* Krishnan, K.S. 1-22543
- Poulsen, B., Robinson, R. Assessing the possibility of stress corrosion cracking during acid cleaning 1-31715
- Poulter, E.M., Hargreaves, J.K. Electron content measurements at Lancaster: harmonic analysis of ATS-6 measurements 1-49451
- Poulter, R. *see* Snaddon, R.W.L. 1-24889
- Pound, G.M. *see* Fuentes-Samaniego, R. 1-20203
- Pound, G.M. *see* Mruzik, M.R. 1-52406
- Pound, G.M. *see* Morgan, W.L. 1-37468
- Pounder, C. Charge-carrying particles from Leidenfrost boiling (an aspect of saline contact charging). I. Investigation of the Leidenfrost phenomenon and the discovery and examination of particles 1-1807
- Pounder, C. Charge carrying particles from Leidenfrost boiling (an aspect of saline contact charging). II. The electrical properties of Leidenfrost drops and associated particles 1-1808
- Pounds, D. *see* Hahn, G. 1-53820
- Pounds, K.A. *see* Pye, J.P. 1-44671

- Pouquet, A. *see* Leorat, J. 1-51878
- Pouradier, J. The redox potential of photographic gelatin 1-17116
- Pouradier, J.F., Grimoult, G., Auzel, F. Electroluminescence of rare-earth doped cadmium fluoride 1-26279
- Pourarian, F., Boltich, E.B., Wallace, W.E., Craig, R.S., Malik, S.K. Magnetic characteristics of R_2Mn_{23} hydrides ($R = \text{Gd, Ho or Er}$) 1-12356
- Pourarian, F., Boltich, E.B., Wallace, W.E., Malik, S.K. Effect of absorbed hydrogen on magnetic ordering in Tb_6Mn_{23} and Dy_6Mn_{23} 1-20970
- Pourarian, F., Tajabor, N. Magnetostriction in some rare-earth-Co compounds 1-21023
- Pourarian, F., Wallace, W.E., Elattar, A., Lakner, J.F. $DyFe_2$ -H₂ system: magnetism and pressure-composition isotherms to 1400 atm 1-20962
- Pourarian, F., Wallace, W.E., Sankar, S.G., Obermyer, R. Magnetostriction in some R_2Fe_{23} rare earth intermetallic compounds 1-26008
- Poure, A., Leyris, J.P., Aicardi, J.P. Donor-acceptor transition in $CuGaSe_2$ 1-43188
- Poussa, J.L., Sorraian, O.M., Maranon, J. The ring puckering potential function of trimethylene sulfide and trimethylene selenide 1-45946
- Poutissou, J.M. *see* Mazzucato, E. 1-14556
- Pouvil, P. *see* Testemale, E. 1-7701
- Pouyet, J. *see* Lataillade, J.-L. 1-43420
- Pouyet, J.M. *see* Signoret, C. 1-18242
- Povel, H.P. *see* Daniel, H. 1-10872
- Povenmire, H. A large Georgia tektite 1-4837
- Poves, A. *see* Caucier, E. 1-14454, 1-14455
- Poveshchenko, Yu.A. *see* Kurdyumov, S.P. 1-24649
- Povey, M.J.W., Dobbs, E.R., Meredith, D.J. Electromagnetic generation and attenuation of ultrasound in ferromagnetic metals. II 1-12377
- Povb, B. Very narrow states 1-10248
- Povinec, P. Proportional chambers for low level counting 1-14735
- Povinec, P. Simultaneous ^1H and ^{14}C counting by a methane filled proportional counter 1-23996
- Povinec, P. Short-term effects from supernova explosions on radiocarbon production 1-54528
- Povkh, L.L., Pogrebnyak, V.G., Toryanik, A.I. Relation between molecular structure of polyethylene oxide solutions and drag reduction 1-15517
- Povkh, L.L., Sevost'yanov, G.M., Litvinenko, I.I. Effect of heat convection on the dynamics of a liquid in a rotating tank 1-51775
- Povkh, L.L., Toryanik, A.I., Makogon, B.P., Abrosimov, V.M. Influence of temperature on the hydrodynamic resistance reduction effect 1-11429
- Povkh, L.L. *see* Aslanov, P.V. 1-34021
- Povolo, F. On the analysis of stress relaxation data 1-35294
- Povolotskii, E.G. *see* Soplyachenko, V.N. 1-31457
- Povotortsev, V.M. *see* Menshchikova, T.K. 1-43289
- Povstenko, Yu.Z. Surface processes in elastic solids 1-29557
- Povstenko, Yu.Z. Balance equations of momentum on the three-phase contact line 1-38617
- Povstyanoi, M.V. *see* Trigor'yants, V.V. 1-33680
- Povzner, A.A., Abel'skii, Sh.Sh., Gel'd, P.V. Magnetic susceptibility and electron specific heat of a nearly ferromagnetic metal with Coulomb correlations 1-25908
- Povzner, A.A., Abel'skii, Sh.Sh., Zilichikhis, A.L. Magnetic susceptibility of a paramagnet in a narrow-band model with a strong Coulomb interaction 1-52745
- Povzun, V.I. *see* Abramov, V.V. 1-596
- Pow, E.C., Gerberich, W.W., Toth, L.E. Analysis of stress corrosion crack-tip surface chemistries in 7075 type aluminum alloys 1-48580
- Powaznik, W. *see* Zemon, S. 1-43173
- Powe, R.E., Warrington, R.O., Scanlan, J.A. Natural convection flow between a body and its spherical enclosure 1-1964
- Powe, R.E., Warrington, R.O., Scanlan, J.A. Natural convection heat transfer between bodies and their spherical enclosure 1-1985
- Poweigha, T. *see* Rebert, N. 1-35541
- Powell, B.M., Dolling, G., Pawley, G.S., Leech, J.W. Lattice dynamics of ammonia 1-34430
- Powell, B.M., Nieman, H.F., Dolling, G. Orientational disorder and diffuse scattering in β -nitrogen 1-7093
- Powell, B.M. *see* Martel, P. 1-8817
- Powell, B.M. *see* Pawley, G.S. 1-47178
- Powell, B.R., Jr., Youngblood, G.E., Hasselman, D.P.H., Bentsen, L.D. Effect of thermal expansion mismatch on the thermal diffusivity of glass-Ni composites 1-25469
- Powell, C., Ryan, H.M. The effects of elevating temperature on the breakdown properties of atmospheric air 1-15590
- Powell, C.J. Application of Auger-electron spectroscopy and X-ray photoelectron spectroscopy to the characterization of pollutant particles 1-4241
- Powell, C.Mc.A. *see* Veevers, J.J. 1-32423
- Powell, C.R. *see* Spencer, J.N. 1-10724
- Powell, D. *see* Brittain, R. 1-29010
- Powell, D.R. *see* Shelton, R.N. 1-20158
- Powell, E.G. *see* Pitts, J.H. 1-10541
- Powell, E.K., Searcy, A.W. The rate and activation enthalpy of decomposition of CaCO_3 1-12992
- Powell, F.X. *see* Christensen, C.P. 1-1550
- Powell, G.F. *see* Eichholz, G.G. 1-45643
- Powell, G.L., Sharp, R.D., Tolliver, J.S. Hydrogen transport in uranium alloys: alloy and hydrogen isotope effects 1-20463
- Powell, H.T., Poli, R.J. Electron beam-pumping of XeCl using variable current density 1-37467
- Powell, H.T., Schleicher, B.R. Lasers based on selenium ^{151}Se metastable atoms 1-37486
- Powell, J.D., Powell, J.R. SEAS: a system for undersea energy storage 1-48924
- Powell, J.R. *see* Fillo, J.A. 1-50944
- Powell, J.R. *see* Horn, F.L. 1-41238
- Powell, J.R. *see* Hsieh, W.Y. 1-37014, 1-45736
- Powell, J.R. *see* Makowitz, H. 1-885
- Powell, J.R. *see* Powell, J.D. 1-48924
- Powell, J.R. *see* Steinberg, M. 1-5977
- Powell, J.R. *see* Takahashi, H. 1-18847
- Powell, J.R. *see* Taussig, R.T. 1-6008, 1-50942
- Powell, K.J. *see* Deden, H. 1-28311
- Powell, K.J. *see* Fritze, P. 1-14431
- Powell, M. *see* Hawkesworth, C.J. 1-32418
- Powell, M.J. Distribution of near neighbours in randomly packed hard spheres 1-20063
- Powell, M.J. Analysis of field-effect-conductance measurements on amorphous semiconductors 1-42723
- Powell, M.J. *see* Orton, J.W. 1-12213, 1-30768
- Powell, R.A. *see* Benninghove, A. (editor) 1-27666
- Powell, R.L., Foister, R.T. Comment on 'water drop experiment for introductory laboratory' 1-9808
- Powell, R.L., Schwarz, W.H. Infinitesimal perturbations of extensional motions 1-37977
- Powell, R.L. *see* Fickett, F.R. 1-7775
- Powell, W.R. Community Annual Storage Energy System 1-26846
- Powell, W.R. Solar/electric district heating via CASES 1-48805
- Powell, W.R. An analytical expression for the average output power of a wind machine 1-53538
- Powell, W.R. *see* Stanley, C.F. 1-17444
- Power, E.A., Thirunamachandran, T. A canonical transformation in neoclassical radiation theory 1-14033
- Power, E.A., Thirunamachandran, T. Comment on 'Electric dipole interaction in quantum optics' 1-24378
- Power, E.A. *see* Marburger, J.H. 1-18061
- Power, H.M. A simulation model for wind turbines 1-9821
- Power, J.M., Elmer, T.H. Weathering of gradient-index antireflection films on a borosilicate glass 1-53309
- Power, R.K., Nishimura, A.M. Microprocessor controlled pulse train generator for pulse optically detected magnetic resonance 1-28045
- Powers, D., Olson, H.G. Determination of S-O bond order in sulfur dioxide and dimethyl sulfite using a low-energy particle-accelerator technique 1-1332
- Powers, D.A. Plausible conditions of the TM1-2 core 1-10491
- Powers, D.E. *see* Beck, S.M. 1-1278, 1-37239
- Powers, D.E. *see* Hopkins, J.B. 1-41447
- Powers, E.J. *see* Kim, Y.C. 1-18043
- Powers, J.A. Emergency responses for accounting and security systems 1-14627
- Powers, J.E., Phillips, D.J., Brandestini, M.A., Sigelmann, R.A. Ultrasound phased array delay lines based on quadrature sampling techniques 1-24602
- Powers, J.E. *see* Phillips, D.J. 1-8933
- Powers, J.K., Bryan, D.A. Standing-wave reduction for chirped-grating holography 1-29235
- Powers, L. *see* Chance, B. 1-8826
- Powers, M.K. *see* Green, D.G. 1-8852
- Powers, R. *see* Zurck, A.K. 1-26787
- Powers, R.J. *see* Wang, K.-C. 1-1415
- Powers, S.R., Somerford, D.J. Some factors affecting the reliability with which fibre size and particle size distributions may be obtained from light scattering data 1-23166
- Powers-Risius, P. *see* Alpen, E.L. 1-26961
- Powers-Risius, P. *see* Raju, M.R. 1-43914
- Powles, A. *see* Mansell, A. 1-17421
- Powles, J.G. The liquid-vapour coexistence line by computer simulation a la Widom 1-25404
- Poyarkov, A.G. *see* Bagaev, V.S. 1-2973, 1-47492
- Poyarkova, V.E., Zal'tsman, E.B. Utilizing high oscillation types for measuring the loss-angle tangent of round rods at ultrahigh frequencies 1-298
- Poyer, Ch. *see* Fidecaro, G. 1-591
- Poyet, P. *see* Guiraldeq, P. 1-47283
- Poza, M., Hernando, A. Magnetic properties of disordered structures in a spin wave model 1-16433
- Pozdeev, G.A. *see* Polyakov, S.P. 1-46931
- Pozdeev, N.M. *see* Mamliev, A.Kh. 1-41514
- Pozdeev, V.V. *see* Bokova, N.A. 1-19879
- Pozdeyev, P.P. *see* Nefedov, V.I. 1-30587
- Pozdnyakov, A.V. *see* Ippolitov, V.T. 1-23579
- Pozdnyakov, V.A., Solov'ev, V.A. Thermofluctuation and quantum nucleation of a new phase in crystals (mechanism of stratification of stacking faults) 1-30250
- Pozdnyakova, L.A. *see* Orlova, N.D. 1-41386
- Pozela, J., Reklaitis, A. Electron transport properties in GaAs at high electric fields 1-7629
- Pozela, J. *see* Geciauskas, S. 1-23312
- Pozela, J. *see* Kaciulis, S. 1-20793
- Pozela, J. *see* Matulionis, A. 1-20758
- Pozela, J. *see* Vasilets, O. 1-16291
- Pozela, J.E. *see* Brazis, R.S. 1-20891
- Pozela, J.K., Sashchuk, A.P., Stalioraitis, K.K. Effect of surface recombination rate on carrier mobility of germanium with magnetic field present 1-42800
- Pozela, J.K. *see* Aukstulius, Z.J. 1-42799
- Pozharskii, A.V. *see* Kazakov, Yu.S. 1-48383
- Pozhela, Yu.K., Staleraitis, K.K. Characteristics of the drift of an electron-hole plasma in samples of finite length subjected to a magnetic field 1-20790
- Pozhela, Yu.K., Tolutis, R.B. Determination of the carrier mobility and density in semiconductors by contactless magnetoplasma methods 1-18254
- Pozhnev, V.I. Natural oscillations of cylindrical shell with inhomogeneous elastic filler 1-19604
- Pozzi, J.P., Zlotnicki, J. Variations in rock magnetization and the problem of stress in the Earth's crust 1-49262
- Prabha, S., Jain, A.C. On the use of compatibility conditions in the solution of gas particulate boundary layer equations 1-6841
- Prabhakar, K.V. *see* Apaydin, N. 1-31451
- Prabhakar Rao, K. *see* Ronchi, V. 1-18291
- Prabhakaran, R. A unified approach to optical constitutive relations. Discussion 1-8038
- Prabhakaran, R. *see* Rajamani, A. 1-19603
- Prabhananda, D.S. Errors in line width analysis due to unresolved hyperfine structures 1-14943
- Prabhat Singh Structure and growth of MnSe and MnTe films 1-30579
- Prabhawalkar, P.D. *see* Padalia, B.D. 1-43241
- Prabhawalkar, V. *see* Padalia, B.D. 1-43241
- Prabhuram, Saksena, M.P. Temperature dependence of rotational relaxation in o- and n-normal hydrogen 1-29101
- Prabodhachandra Deshmukh *see* Pranawa Deshmukh 1-48196
- Pracchia, J.A., Simon, J.M. Transparent heat mirrors. Influence of the materials on the optical characteristics 1-37577
- Pracka, M. *see* Urpo, S. 1-36242
- Prade, B.S. *see* Andre, Y.B. 1-41871
- Pradeep Kumar, T.M. *see* Misra, R. 1-22709
- Pradeep Raj, Iversen, J.D. Computational simulation of turbulent vortex merger and decay 1-19721
- Pradel, P., El Maddassi, M., Valance, A. Angular distribution for H⁺ formation and H(1s) elastic scattering from interaction of H(1s) with caesium 1-41459
- Pradelli, G., Gianoglio, C., Quadri, E. Borocarbides of type $\text{Cr}_2\text{C}_3\text{C}_6$. Study of $(\text{Cr}, \text{Mn})_{23}(\text{B}, \text{C})_6$ case 1-34302
- Pradere, F. *see* De Martino, A. 1-19326
- Praderie, F. *see* Borsenberger, J. 1-54501
- Pradhan, A.K., Norcross, D.W., Hummer, D.G. Cross sections and excitation rates for electron collisions with heliumlike ions 1-46132
- Pradhan, A.S., Bhatt, R.C., Supe, S.J. Photothermoluminescence and the behaviour of hydrogen glow peaks in $\text{Li}_2\text{B}_2\text{O}_7\text{:Mn}$ and $\text{CaSO}_4\text{:Dy}$ phosphors 1-26284
- Pradhan, B.R. *see* Lalchandani, V.D. 1-39355
- Pradhan, S.D., Pathak, G. A simple calorimeter for the heats of mixing study of associated liquids: enthalpy of hydrogen bonded ethanol-butylamine complex 1-47241
- Pradhan, S.D., Pathak, G. Enthalpy of hydrogen bonded alcohol-butyl amine complexes by a simpler calorimetric method 1-48722
- Pradhan, T. *see* Jena, P.K. 1-5117
- Pradhan, T. *see* Mishra, B.C. 1-6331
- Pradhananga, R.R. *see* Sharon, M. 1-17218
- Prado, F.R., Giessler-Prette, C. Parameters for the calculation of the ring current and atomic magnetic anisotropy contributions to magnetic shielding constants: nucleic acid bases and intercalating agents 1-51253
- Praeg, W.F. Resistivity, hysteresis, and magnetization of 9% Cr stainless steel as a function of temperature and its electromagnetism shielding effects in cylindrical structures 1-3220
- Praeg, W.F. *see* Kim, S.H. 1-51992
- Prael, R.E. Homogeneous thermal benchmark calculations with ENDF/B-V data using MCNP 1-50856
- Praetgaard, E. *see* Hauge, E.H. 1-40730
- Praetgaard, E. *see* Nielsen, O.F. 1-21984

- Prager, S. *see* Aubert, J.H. 1-11425
- Pragst, F. *see* Ziebig, R. 1-26751
- Prakharaj, C.R. $K \neq 0$ bands in ^{158}Er 1-5673
- Prabhad, U.D. *see* Murthy, N.S. 1-10680
- Prahn, L.P., Conradsen, K., Nielsen, L.B. Regional Source Quantification model for sulphur oxides in Europe 1-21948
- Prahm, L.P. *see* Berkowicz, R. 1-1950
- Prairie, C. *see* Schreiber, H.P. 1-48646
- Prajapati, S.R. *see* Pandey, J.D. 1-11489
- Prakash, B.G. Flexure of elastically supported and elastically restrained rectangular plates 1-6762
- Prakash, C., Sparrow, E.M. Natural convection heat transfer performance evaluations for discrete-(in-line or staggered) and continuous-plate arrays 1-1803
- Prakash, C. *see* Sparrow, E.M. 1-24787
- Prakash, J., Tonder, K., Christensen, H. Micro-polarity-roughness interaction in hydrodynamic lubrication 1-43541
- Prakash, J.S. k -particle Green function diagrams and the restriction of irreducible representations of a group to its subgroups 1-5147
- Prakash, M., Shilomo, S., Rammamurthy, V.S., Kapoor, S.S., Kataria, S.K. Microscopic calculation of mass transport coefficients in heavy collisions 1-36959
- Prakash, O. *see* Prasad, N. 1-25375
- Prakash, Om., Srinivasan, G. Initial permeability components and anisotropy in YIG 1-52804
- Prakash, R. Non-destructive testing of composites 1-35456
- Prakash, R. *see* Birbal Singh 1-49458
- Prakash, R. *see* Hari Singh 1-22608
- Prakash, S. A plane symmetric Universe 1-13890
- Prakash, S. A model of magnetoviscous fluid in general relativity 1-36538
- Prakash, S., Roy, S.R. An inhomogeneous magneto-hydrostatic universe 1-22934
- Prakash, S. *see* Prasad, N. 1-25375
- Prakash, S. *see* Singh, N. 1-52348
- Prakash, S. *see* Singh, R. 1-47846, 1-52759
- Prakash, S.G., Mamadov, A.M., Lebedeva, N.N., Marduxaeb, A.R. Static and impulse photoconductivity in Bi_2GeO_5 1-20799
- Prakash, V. *see* Sarma, P.R. 1-23939
- Prakash, Y. *see* Dattari, I.K. 1-45370
- Prakash, Y. *see* Kaul, G.L. 1-33267
- Prakash Chandra Singh, Mishra, P. Mass transfer to Newtonian and non-Newtonian fluids from rotating cylinders 1-6853
- Prakash Ram *see* Ram Prakash
- Pralat, A. Measurement of electric parameters rocks in a high frequency electric field 1-9269
- Pralat, A. *see* Borkowicz, Z. 1-5339
- Praline, G., Koel, B.E., Hance, R.L., Lee, H.-I., White, J.M. X-ray photoelectron study of the reaction of oxygen with cerium 1-8612
- Praline, G. *see* Koel, B.E. 1-8613
- Pramanik, A.K. Transient gravity waves created against a vertical cliff 1-33969
- Pramanik, A.K. The effect of initial acceleration on the waves produced by a moving oscillatory surface pressure 1-37958
- Pramanik, G.C. Nonlinear coupling of five waves in non-uniform streaming plasma 1-7018
- Pramanik, M.H.A., Islam, D. Application of the rate-equation formulation of the AC hopping conductivity in amorphous semiconductors 1-7616
- Pramanik, P., Bhattacharya, R.N. A chemical method for deposition of thin film of Bi_2S_3 1-16700
- Pramanik, P., Bhattacharya, R.N., Mondal, A. A chemical method for the deposition of thin films of Bi_2Se_3 1-12674
- Pramatarov, P. *see* Stefanova, M. 1-24394
- Prasatras, P. *see* Laohavanchi, S. 1-30164
- Prasila Bai, B.N. *see* Rickerby, D.G. 1-16906
- Pran, B. *see* Grandal, B. 1-32578
- Pranawa Deshmukh, Prabodhachandra Deshmukh, Mande, C. L_{III} X-ray absorption discontinuity of Nd, Sm, Gd, Dy, and Yb in their sesquioxides 1-48196
- Prance, R.J., Long, A.P., Clark, T.D., Widom, A., Mutton, J.E., Sacco, J., Potts, M.W., Megaloudis, G., Goodall, F. Macroscopic quantum electrodynamic effects in a superconducting ring containing a Josephson weak link 1-42914
- Prancevicius, G. Energy conditions for brittle failure. V. Extension of body with three-dimensional defect 1-11355
- Prancevicius, L. *see* Joneliunas, S. 1-20542
- Prange, R., Bruston, P. Influence of the equatorial irregularities and precipitations in the South Atlantic magnetic anomaly on the generation of auroral-type plasma instabilities 1-4692
- Prantkyavichyus, G.A. Plastic deformation of material at failure surface 1-19590
- Pranyavichyus, L. *see* Valatka, R.Yu. 1-52412
- Prasa, K. *see* Gupta, M.M. 1-35912
- Prasad, A. Radiative melting of materials with melt removal 1-33887
- Prasad, A. *see* Jain, G.C. 1-31120
- Prasad, B. *see* Ravindra, N.M. 1-17201
- Prasad, B. *see* Bhanu Prasad, B.
- Prasad, B.M. *see* Sharon, M. 1-17218
- Prasad, B.S.N., Mohanty, S. Electron loss coefficients at 80 km from a simplified positive ion model 1-13638
- Prasad, G. Electric counterpart of Ferraro's theorem 1-44803
- Prasad, G. *see* Singh, G. 1-19837
- Prasad, J. Shashidhara *see* Shashidhara Prasad, J.
- Prasad, K.G. *see* Sharma, R.P. 1-2539, 1-47125
- Prasad, K. Krishna *see* Krishna Prasad, K.
- Prasad, K.N. *see* Sinha, D.P. 1-47067, 1-47068
- Prasad, L.S.R.K. *see* Krishna Murty, T.S.G. 1-33462
- Prasad, M. *see* Tomar, V.S. 1-52716
- Prasad, M.A. *see* Unnikrishnan, K. 1-29108
- Prasad, M.D., Pal, S., Mukherjee, D. An alternative definition of the electron propagator in the superoperator form and its relation to linear response theory in a coupled-cluster framework 1-33378
- Prasad, N., Kulkarni, S.D. Relation between microstructure and abrasive wear of plain carbon steels 1-48529
- Prasad, N., Prakash, O., Kumar, A., Prakash, S. Acoustic and apparent molal properties of calcium nitrate in aqueous and non-aqueous media 1-25375
- Prasad, N. Durga *see* Durga Prasad, N.
- Prasad, P.M., Sundarasingh, V.P. Diffusion of boron into silicon from doped oxide source 1-39245
- Prasad, P.M. *see* Sundarasingh, V.P. 1-39243
- Prasad, R., Papadopoulos, S.C., Bansil, A. Fermi-surface properties of alpha-phase alloys of copper with zinc 1-52469
- Prasad, R., Singh, C.P. Pion-hyperon couplings from the Adler conditions 1-23514
- Prasad, R.C., Rao, H.V., Mukherjee, S.G. A direct electrical analog for heat exchanger 1-44931
- Prasad, R.Y. *see* Patel, B.S. 1-37499
- Prasad, S., Choudhary, R.C. Axisymmetric boundary layer with suction over a porous sphere 1-42085
- Prasad, S. *see* Singh, P.K. 1-26177
- Prasad, S. *see* Suran, G. 1-12363
- Prasad, S.S. Excited zone is a possible source of atmospheric N_2O 1-44275
- Prasad, S.S. *see* Zipf, E.C. 1-4092
- Prasad, T.R. *see* Kistaiah, P. 1-47648
- Prasad, Y.V.R.K. *see* Hebsur, M.G. 1-39420
- Prasad Rao, K.K., Mohapatra, N.C. Calculation of electric-field gradient in a dilute alloy of Al-Mg 1-20689
- Prasada Rao, D.R.V., Krishna, D.V. Hemisphere in a MHD rotating stratified fluid 1-24890
- Prasada Rao, D.R.V. *see* Krishna, D.V. 1-34017
- Prasanna, A.R. General-relativistic analysis of charged-particle motion in electromagnetic fields surrounding black holes 1-44816
- Prasher, D.K., Gibson, W.P.R. Brain stem auditory evoked potentials: significant latency differences between ipsilateral and contralateral stimulation 1-49001
- Prasher, D.K., Gibson, W.P.R. Brain stem auditory evoked potentials: a comparative study of monaural versus binaural stimulation in the detection of multiple sclerosis 1-49002
- Prask, H.J. *see* Choi, C.S. 1-7124
- Prasolov, B.N. *see* Grindnev, S.A. 1-7225
- Prassianakis, J. *see* Theocaris, P.S. 1-41947
- Praszalowicz, M. *see* Kwiecinski, J. 1-45199
- Prat, M. A digital seconds counter for photography with a range from 0.5 to 100 s 1-364
- Pratap Singh, R., Haque, M.M. Variation of the solubility of water in binary mixtures of alcohols: critical solution composition 1-20372
- Pratap Vanka, S., Chen, B.C.-J., Sha, W.T., Sehgal, B.R. A simple anisotropic turbulence model for flow in rod bundles 1-28539
- Prater, J.L. *see* Chung, T.J. 1-37805
- Prater, J.T. *see* Patten, J.W. 1-31631
- Prater, R.J. Slide making on rostrum cameras 1-10030
- Prater, R.L., Chase, L.L., Boatner, L.A. Raman scattering studies of the impurity-induced ferroelectric phase transition in $\text{KTaO}_3:\text{Nb}$ 1-35037
- Pratesi, R., Sacchi, C.A. (editor) Lasers in Photomedicine and Photobiology. Proceedings of the European Physical Society, Quantum Electronics Division, Conference 1-32806
- Prathap, G., Bhashyam, G.R., Mei, C. Comments on nonlinear vibrations of immovably supported beams by finite-element method [and reply by C. Mei] 1-1857
- Prathap, G. *see* Bhashyam, G.R. 1-19616, 1-51718
- Pratt, D.A. Two-dimensional model variability in thermal inertia surveys 1-22343
- Pratt, D.J., Bowker, P., Wardlaw, D., McLaughlan, J. A monitor for plotting pressure contours inside a plaster cast 1-49140
- Pratt, G.W., Jr. Non-invasive determination of bone strength using ultrasound 1-13281
- Pratt, H., Politoske, D., Starr, A. Mechanically and electrically evoked somatosensory potentials in humans: effects of stimulus presentation rate 1-17411
- Pratt, J.C., Caldwell, J.T., France, S.W., Hastings, R.D., Hsu, H.H., Shunk, E.R. Rapid fuel drawer scanner for fast critical assembly safeguards 1-18762
- Pratt, J.C., Walton, A., Petch, H.E. Deuteron spin-lattice relaxation from hindered rotations in molecular crystals 1-7965
- Pratt, J.M.K. *see* Saha, B.B. 1-11501
- Pratt, K.F. *see* Jenkins, H.D.B. 1-34277
- Pratt, L.R., Chandler, D. Effects of solute-solvent attractive forces on hydrophobic correlations 1-7066
- Pratt, L.R., Chandler, D. Hydrophobic solvation of nonspherical solutes 1-8599
- Pratt, L.R., Haan, S.W. Effects of periodic boundary conditions on equilibrium properties of computer simulated fluids. I. Theory 1-46967
- Pratt, L.R., Haan, S.W. Effects of periodic boundary conditions on equilibrium properties of computer simulated fluids. II. Application to simple liquids 1-46978
- Pratt, L.R. *see* Pollock, E.L. 1-46193
- Pratt, P.L. *see* Dalglish, B.J. 1-8511
- Pratt, P.L. *see* Guerrero, A.L. 1-2639
- Pratt, R.G., Ackerman, J.L. Pulse-pair concept in the design of a microprocessor-based programmer for solid-state NMR 1-23282
- Pratt, R.H. *see* Feng, J.J. 1-46947
- Pratt, R.H. *see* Gabriel, O.V. 1-19878
- Pratt, R.H. *see* Iwinski, Z.R. 1-113
- Pratt, R.H. *see* Kissel, L. 1-14850
- Pratt, S.T., Chupka, W.A. Vibrational effects in Coulomb-explosion experiments 1-19176
- Pratt, W.P., Jr. *see* Edmunds, D.L. 1-23265
- Pratt, W.P., Jr. *see* Lee, C.W. 1-30719
- Pratt, W.T., Gasser, R.D. Effects of steel on a core meltdown in a sacrificial bed 1-5951
- Prausnitz, J.M. *see* El-Twaty, A.I. 1-42116
- Pravdivy, A.A. *see* Lebedev, T.S. 1-40069
- Pravdivy, A.A. *see* Lebedev, T.S. 1-22282
- Pravdo, S.H. *see* McKee, J.D. 1-49827
- Pravdo, S.H. *see* White, N.E. 1-9722
- Pravilov, A.M. *see* Ivanov, V.S. 1-8595
- Praxl, G., Egger, H., Gradischnig, W. Investigations on the influence of interaction between temperature and humidity on the positive switching impulse breakdown voltage 1-15585
- Praxmamer, W. The determination of moisture of powdered high polymers by means of micro-waves 1-8527
- Preater, R.W.T. In-plane strain measurement on large rotating structures 1-41994
- Precht, W. *see* Viswanadham, R.K. 1-8264
- Predazzi, E. *see* Elbaz, E. 1-493, 1-529
- Predazzi, E. *see* Giffon, M. 1-593, 1-14435
- Predel, B. Thermodynamic investigations on the formation and decomposition of metallic glasses 1-43319
- Predel, B. *see* Ellner, M. 1-35247
- Predel, B. *see* Gust, W. 1-3741
- Predel, B. *see* Rosa, C.J. 1-39316
- Predel, B. *see* Schluckebier, G. 1-8280, 1-8282, 1-31896
- Predel, B. *see* Sommer, F. 1-30424, 1-31428
- Predko, K.G. *see* Golub, S.F. 1-41857
- Predolin, F. *see* Cester, B. 1-44445
- Predolin, F. *see* Giuricin, G. 1-36330, 1-49729
- Predolin, F. *see* Mardirossian, F.I. 1-27551
- Predolin, F. *see* Mezzetti, M. 1-9573
- Predolyak, N.A., Khimiy, I.V. Calculation of quasi-stationary and static electrostatic fields in planolaminar media 1-1438
- Predtechensky, A.A. *see* Krugljak, Z.B. 1-42025
- Predtechensky, A.A. *see* Lvov, V.S. 1-51746
- Preece, A.W., Luckman, N.P. A laser Doppler cytophotometer for measurement of electrophoretic mobility of bioparticles 1-44058
- Preece, R.J. *see* Balfour, J.D. 1-28559
- Preedom, B.M., Dam, S.H., Darden, C.W., III, Edge, R.D., Malbrough, D.J., Marks, T., Burman, R.L., Hamm, M., Moinester, M.A., Redwine, R.P., Yates, M.A., Bertrand, F.E., Cleary, T.P., Gross, E.E., Hill, N.W., Lude-man, C.A., Blecher, M., Gotow, K., Jenkins, D., Milder, F. Positive pion-nucleus elastic scattering at 30 and 50 MeV 1-45540
- Prefontaine, G. *see* Preston, E. 1-26941
- Pregernig *see* Armstrong 1-10254
- Preibisz, Z. *see* Jastrzebski, J. 1-23540
- Preier, H. *see* Lischka, K. 1-12063
- Preis, G.A. *see* Chernyavskii, A.N. 1-3999
- Preisendorfer, R.W. Empirical determinations of the local and global optical properties of irradiance fields in the sea 1-22357
- Preiser, S. *see* Ding Lee 1-33847
- Preisinger, A. *see* Buhl, R. 1-8642
- Preissner, H. *see* Drews, G. 1-10229
- Preite-Martinez, A. *see* Natta, A. 1-9638, 1-44606
- Prejean, J.J., Souletic, J. Two-level-systems in spin glasses: a dynamical study of the magnetizations below T_g application to CuMn systems 1-20989
- Prejean, J.J. *see* Berton, A. 1-52793
- Preka, P. *see* Moutsoulas, M. 1-22703
- Prekul, A.F. *see* Rassokhin, V.A. 1-25692
- Prekul, A.F. *see* Shcherbakov, A.S. 1-2938

- Prelas, M.A., Lecours, M.J., Schlapper, G.A., Brugger, R.M. Nuclear-pumped laser research at the University of Missouri 1-19363
- Prelas, M.A. see Jones, G.L. 1-38058
- Prelovsek, P. Conductor-insulator transition in the Anderson model of a disordered solid 1-42693
- Prelovsek, P., Sega, I. Quantum domain walls in the one-dimensional Ising model in a transverse field 1-38902
- Prema, K. see Bhamathi, G. 1-505
- Premaswarup, D. see Narasimha Rao, C.V.L. 1-41398
- Premaswarup, D. see Ramanamurti, D.V. 1-26070
- Premaswarup, D. see Rangacharyulu, M. 1-45949
- Premaswarup, D. see Vijaya Kumar, K.K. 1-47968
- Premoli-Silva, I. see Schlanger, S.O. 1-54051
- Prempre, T. see Sewchand, W. 1-17497
- Prenis, J. see Philips, C.M. 1-32245
- Prensil, J.E. see Pedersen, H. 1-39674
- Prentice, A.J.R. Saturn: origin and composition of its inner moons and rings 1-22722
- Prentice, A.J.R. Accretion of planetesimals within a gaseous ring 1-44455
- Prentice, J.D. Measurements of charmed meson lifetimes 1-45269
- Prentice, J.D. see Dankowycz, J.A. 1-50460
- Prentice, J.D. see Ushida, N. 1-546
- Prentis, J.J. see Witten, T.A., Jr. 1-32924
- Preobrazhenskaya, L.D. see Geidel'man, A.M. 1-672
- Preobrazhenskii, N.G., Frumin, L.L. Reconstruction of the potential of an intermolecular interaction on the basis of the virial coefficients 1-51260
- Preobrazhenskii, N.G., Sedel'nikov, A.I. Statistical analysis of the problem of determining the parameters for the profiles of pressure broadened spectral lines 1-45907
- Preobrazhenskii, N.G., Suvorov, A.E. Resolution of the electron-beam diagnostic method in rarefied gas dynamics 1-15064
- Preobrazhenskii, N.G. see Bulyshchev, A.E. 1-6585
- Preobrazhenskii, N.G. see Melnikova, T.S. 1-2238
- Preobrazhenskii, V.L. see Berezhnov, V.V. 1-19491
- Preparata, G. QCD: problems and alternatives 1-10175
- Preparata, G. Quark-geometrodynamics: A new approach to hadrons and their interactions 1-28291
- Preparata, G. A realistic look at deep inelastic physics 1-45245
- Preparata, G., Aubert, J.-J. (editor) Probing Hadrons with Leptons. Proceedings of the Fourth Seminar 1-44713
- Presanna Venkatesan, S., Gowrisankaran, S. An experimental verification of the basic principles of eddy current testing of seamless steel tubes 1-48598
- Presby, H.M. Fluorescence profiling of single-molecular fiber preforms 1-41837
- Presby, H.M. Ultraviolet-excited fluorescence in optical fibers and preforms 1-46556
- Presby, H.M., Marcuse, D. The index-profile characterization of fiber preforms and drawn fibers 1-11113
- Presby, H.M. see Kaminow, I.P. 1-11115
- Presby, H.M. see Marcuse, D. 1-24538
- Prescott, C.J. Further tests of parity violation in inelastic electron scattering 1-10106
- Prescott, J.R. see Kuhlmann, J.D. 1-27352
- Prescott, W.H., Lisowski, M. Vertical deformation at Middleton Island, Alaska 1-54046
- Prescott, W.J. Subgroup alignment in hypercolor theories 1-33140
- Presnely, L.N. see Kludzin, V.V. 1-46547
- Presler, W.H. see Erdi, B. 1-36208
- Pressley, B.J., Trefry, J.H., Shokes, R.F. Heavy metal inputs to Mississippi Delta sediments. A historical view 1-53719
- Presnov, V.A., Bogdanov, A.V. S-type current-voltage characteristics of synthetic semiconducting diamonds doped with boron during synthesis 1-20766
- Presnyak, O.S. see Belovitski, G.E. 1-18622
- Presnyakov, I.P. see Janev, R.K. 1-10814
- Presnyakova, O.V., Zaitsev, V.I. Aluminium single crystal recrystallization under high pressure 1-8334
- Presnyakova, O.V., Zaitsev, V.I., Fomchenko, V.A. Evolution of dislocation structure of aluminum during creep under high pressure 1-7180
- Presnyakova, O.V. see Dobrikov, A.A. 1-20214
- Press, W. see Kress, W. 1-25388
- Press, W.H. see McMillan, S.L.W. 1-22851
- Pressburger, J. see Dossetor, R.J. 1-35878
- Presser, G. see Stahler, J. 1-14730, 1-23954
- Pressouyre, G.M., Zmudzinski, C., Bretin, L. Optimization of steels for use in hydrogen environment 1-43532
- Prest, H.F. see Ono, Y. 1-10789, 1-37274, 1-45873
- Prest, W.M., Jr., Luca, D.J. The alignment of polymers during the solvent-coating process 1-11695
- Prestegard, J.H. see Fuson, M.M. 1-19221
- Prestele, K., Franetzi, M. On-line computation of the stroke volume from the systolic stroke of the thoracic impedance 1-40016
- Prestier, M., Djurek, D. Temperature pulse storage by the use of simple memory device 1-18230
- Preston, B.N., Laurent, T.C., Comper, W.D., Checkley, G.J. Rapid polymer transport in concentrated solutions through the formation of ordered structures 1-2310
- Preston, E., Prefontaine, G. Cerebrovascular permeability to sucrose in the rat exposed to 2450-MHz microwaves 1-26941
- Preston, H.E., Symons, W.J. Determination of the residual plutonium masses in glove boxes, by remote measurements using solid thermoluminescent dosimeters 1-51071
- Preston, H.E. see Marshall, T.O. 1-6051
- Preston, K., Jr. Tissue section analysis: feature selection and image processing 1-35921
- Preston, K.F. see Couture, C. 1-21056
- Preston, K.F. see Morton, J.R. 1-24176, 1-37228
- Preston, K.M. see Gunnison, D. 1-36085
- Preston, R.A. see Walker, R.C. 1-54503
- Preston, R.C., Brookes, C., Clutterbuck, F.W.J. Vacuum ultraviolet radiance transfer standard based on an argon mini-arc with integral differential pumping unit 1-322
- Preston, R.C. see Nettleton, D.H. 1-15254
- Preston, R.R. The solid solution hardening of steel by silicon 1-31473
- Preston, T.W., Reece, A.B.J. Solution of 3-dimensional eddy current problems: the T- Ω method 1-24327
- Prestwich, W.V. see Cousins, T. 1-22118
- Prestwich, W.V. see Kennett, T.J. 1-5728, 1-45448
- Prete, T. Del see Del Prete, T.
- Preto, S.K. see Ross, L.E. 1-53585
- Pretorius, R. Studies of the growth and oxidation of metal-silicides using radioactive ^{31}Si as tracer 1-47304
- Pretorius, R., Strydom, W., Mayer, J.W., Comrie, C. ^{31}Si tracer studies of the oxidation of Si, CoSi_2 , and PtSi 1-3958
- Pretzl, W. see Rehwal, W. 1-11801
- Proudhomme, J., Tarte, P. Studies of spinels. VII. Order-disorder transition in the inverse germanate spinels $\text{Zn}_{2-x}(\text{Co}, \text{Ni})_x\text{GeO}_4$ ($x \approx 1$) 1-38531
- Preuss, E., Kellermann, K.I., Pauliny-Toth, I.I.K. High-resolution observations of the nucleus of 3C 390.3 1-13851
- Preuss, E. see Baath, L.B. 1-54655
- Preuss, E. see Gopal-Krishna 1-22914
- Preuss, H., Stoll, H., Wedig, U., Kruger, Th. Combination of pseudopotentials and density functionals 1-51101
- Preuss, H. see Stoll, H. 1-37095
- Preuss, L.E. see Bolin, F.P. 1-26983
- Preussger, A. see Fainner, H. 1-14438
- Prevail, A. see Heumann, T. 1-35234
- Prevost, J. see Arestov, Yu.I. 1-36892
- Prevot, L., Laurent, C., Paul, J., Vidal-Madjar, A., Audouze, J., Ferlet, R., Lequeux, J., Mauchrat-Joubert, M., Prevot-Burnichon, M.-L., Rocca-Volmerange, B. Highly ionized species in the spectra of Small Magellanic Cloud stars 1-13846
- Prevot-Burnichon, M.-L. see Prevot, L. 1-13846
- Prewett, S.V. see Bevelacqua, J.J. 1-50595
- Prewitt, C.T. see Levien, L. 1-42350
- Prilnik, D. see Shara, M.A. 1-9501
- Prib, V.E. see Monasevich, L.A. 1-3850
- Pribis, P.B. see Hindle, R.A. 1-53648
- Pribylov, V.N., Chernyi, L.T. Electrization of dielectric liquids flowing in tubes 1-24879
- Price, C. Neutrino bremsstrahlung from quarks and the cooling of neutron stars 1-10162
- Price, G.G. see Rawlings, K.J. 1-20569
- Price, G.R. Implications of a critical level in the ear for assessment of noise hazard at high intensities 1-39937
- Price, H.T.W. Pulsed CO_2 lasers 1-41738
- Price, J.B. Calculation of hydraulic transients in SRP reactors by the GRASS code 1-50813
- Price, J.B. see Bennett, M.J. 1-39528
- Price, J.B. see Tobin, P.J. 1-21357
- Price, J.C. The potential of remotely sensed thermal infrared data to infer surface soil moisture and evaporation 1-36082
- Price, K.M. High temperature solar energy conversion systems 1-8752
- Price, K.W. see Nath, R. 1-9025
- Price, L.W. see Alexander, C.S. 1-17592
- Price, P.B. see Green, M.A. 1-49517
- Price, R.H. see Campbell, E.M. 1-41227
- Price, S.D. Infrared mapping of the galactic plane. I. Low-resolution maps between 0° and 320° longitude 1-54658
- Price, S.D., Murdoch, T.L., McIntyre, A., Huffman, R.E., Paulsen, D.E. On the diffuse cosmic ultraviolet background measured from Aries A-8 1-9739
- Price, S.M. see Cherry, B.W. 1-53330
- Price, W.J. The role of laboratory spectroscopy in agricultural sciences 1-40867
- Prick, P.A.J. see Beurskens, P.T. 1-2279, 1-46953
- Pridantsev, A.I. see Arkhipov, V.V. 1-37772
- Pridantsev, M.V. see Kopenikova, V.N. 1-16783
- Pride, N.B. see Hahn, H.L. 1-26925
- Priebe, H., Nielsen, C.J., Klaebye, P. The vibrational spectrum of propyne-3d, 1-14901
- Priebe, H. see Torneng, E. 1-14896
- Priebe, S.J. see Gombert, D. 1-14683
- Priest, R. see Jackson, D.A. 1-6659
- Priest, R.H. see Plumbridge, W.J. 1-35392
- Priester, W. Quasars, blazars, gravity whirlpools 1-13880
- Priestley, E.B. see Horsley, J.A. 1-10794
- Priestley, K., Orcutt, J.A., Brune, J.N. Higher-mode surface waves and structure of the Great Basin of Nevada and western Utah 1-44116
- Prieto, F.E., Renero, C. Equation of state for quadratic materials 1-38494
- Prieto, F.E. see Renero, C. 1-38556
- Prieur, J.-Y. see Doussineau, P. 1-11817, 1-15556
- Prieur, J.-Y. see Page, J.H. 1-20321
- Prigancova, A. Solar wind evolution and recurrent geomagnetic disturbances 1-4704
- Prigent, J. see Noel, H. 1-47870
- Prigent, M. see Bernard, M. 1-39848
- Prigge, S., Bauer, E. Static SIMS studies of metal-covered W(110) surfaces 1-51290
- Prigodin, V.N. One-dimensional disordered system in an electric field 1-34663
- Prigogine, I., Dewel, G. Pierre Resibois: 1936-1979 1-40639
- Prigoshin, S.A. see Borisov, N.V. 1-524
- Prikhod'ko, E.V. The effect of interatomic interaction on impurity distribution in alloys and metal compounds 1-7204
- Prikhod'ko, O.Yu. see Averb'yanov, V.I. 1-42781
- Prikhod'ko, V.G. see Kuser, Yu.S. 1-33571
- Prikhod'ko, V.I. see Lavrenko, N.M. 1-52544
- Prikhot'ko, V.I., Gaidich, Yu.B., Loktev, V.M., Pavlovskiy, V.A., Shanskiy, L.I. Light absorption by oxygen in the middle ultraviolet spectral region 1-39123
- Prilepin, M.T. The present state and prospects of development of high-precision geodetic methods for studying recent crustal movements 1-53959
- Prilepskiy, E.D. see Mints, M.Ya. 1-29223
- Prilezhayev, D.S. see Danilov, S.V. 1-1588
- Prilipko, V.K. see Aleksandrov, E.B. 1-28909, 1-33661
- Prilutskiy, O.F. see Galper, A.M. 1-17769
- Prima, N.A. Conductivity of inhomogeneous semiconductors in an alternating electric field 1-30750
- Primack, J. see Greenstein, J. 1-40936
- Primack, J.R., Sher, M.A. Photon mass at low temperature? 1-28255
- Primack, L.F. see Gotsi, G.A. 1-43457
- Primakoff, H. see Mann, A.K. 1-586
- Primatarowa, M.T. see Kandilarov, B.D. 1-7698
- Primig, R. see Weitzel, J. 1-35188
- Primini, F.A., Basinska, E., Howe, S.K., Lang, F., Levine, A.M., Lewin, W.H.G., Rothschild, R., Baitz, W.A., Gruber, D.E., Knight, F.K., Matteson, J.L., Lea, S.M., Reichert, G.A. HEAO 1 observations of the Perseus cluster above 10 keV 1-49830
- Primini, F.A. see Gruber, D.E. 1-22837
- Primm, R.T., III, Mincey, J.F. Calculated K_{eff} for partially concrete-reflected FTR pins in water 1-50793
- Primushko, V.N. see Larikov, L.N. 1-42433
- Prin, G.N., Zaidman, G.N., Petrov, Yu.N. Mechanism of high-speed anodic solution of Cr-Ni steels and alloys in sodium chloride solutions 1-43586
- Prince, E., Choi, C.S., Trevino, S.F. Studies of thermal motion using constrained profile analysis 1-29961
- Prince, E. see Choi, C.S. 1-7124
- Prince, E. see Trevino, S.F. 1-7155
- Prince, F.C., Patel, N.B., Bull, D.J., InP-In $_x$ -Ga $_x$ P $_{1-x}$ embedded mesa stripe lasers 1-15181
- Prince, G.E., Eliezer, C.J. On the Lie symmetries of the classical Kepler problem 1-44763
- Prince, R.H. see Sayer, R.J. 1-26281
- Principi, C., Matteazzi, P., Ramos, E., Longworth, G. Mossbauer surface study of nitrogen-implanted high carbon martensite 1-12435
- Pringle, J.E. see Bath, G.T. 1-54557
- Pringle, J.E. see Papaliozou, J. 1-13812
- Pringle, R.D. see Fedak, I. 1-31128
- Prinja, A.K. On the Green's function for heterogeneous media in one-speed transport theory 1-40734
- Prinke, G. see Ryssel, H. 1-34364
- Prints, V.Ya. see Kravchenko, A.F. 1-25661
- Prinz, F., Sherry, W.M. Temperature dependence of the dislocation behaviour of lithium and sodium 1-11760
- Prinz, F. see Sherry, W.M. 1-11761
- Prinz, G.A. see Krebs, J.J. 1-11027
- Prinz, H., Westrup, J. Relations between the fixed height changes and anthropogenic influences in the northern Rhine graben 1-27053
- Prinz, M. see Fodor, R.V. 1-9437

- Prinz, M. see Nehru, C.E. 1-22743
- Prinz, N., Neumann, E., Florian, W., Neumann, V., Thiel, R. Sound emission as a means to observe the propagation of cold cracking from their initiation in welded low alloy high tensile steels 1-8514
- Prinz, N., Wever, H. Diffusion of ^{64}Cu and ^{113}Sn in the ordered β -brass-phase of the Cu/Sn system 1-20443
- Prinzhofer, A., Nicolas, A. The Bogota peninsula, New Caledonia: a possible oceanic transform fault 1-27120
- Prinzhofer, A., Nicolas, A., Cassard, D., Moutte, J., Leblanc, M., Paris, J.P., Rabinovich, M. Structures in the New Caledonia peridotites-gabbros: implications for oceanic mantle and crust 1-32413
- Prior, J. see Freeman, J.J. 1-50220
- Prior, M.H., Knight, R.D. Fluorescence of optically pumped trapped ions 1-19051
- Prior, M.H. see Vane, C.R. 1-33555
- Prior, M.J., Teper, M. The future supply of gas 1-53524
- Prior, R.M. A nonlinear spring 1-27752
- Prior, W. see Bostick, W.H. 1-34060
- Prior, W. see Nardi, V. 1-15066
- Prior, Y., Bogdan, A.R., Dagenais, M., Bloembergen, N. Pressure-induced extra resonances in four-wave mixing 1-33748
- Prior, Y. see Bogdan, A.R. 1-41783
- Prior, Y. see Burak, I. 1-33527
- Priou, J.P. see Maystre, D. 1-6563
- Prispstein, M. see Kennett, R.G. 1-33203
- Prisedskii, V.V. see Dobrikov, A.A. 1-20214
- Prishchep, V.L. see Dogel', V.A. 1-22643
- Prishlyak, A.M. see Pokhmurskii, V.I. 1-35443
- Priss, L.S. The theory of high elasticity and birefringence of rubbers 1-43394
- Priss, L.S., Visnyakov, I.I., Pavlova, I.P. Polymer elasticity nature in the transition zone 1-43393
- Pristavko, V.V. see Krylov, Yu.I. 1-21709
- Pristo, A.E. de see de Pristo, A.E.
- Prisutlyuk, N.I. see Sil'man, G.I. 1-48389
- Prisyazhnyi, V.D., Tkalenko, D.A., Chmilenko, N.A. Special features in the cathodic reduction of NO_3^- ions in $\text{KNO}_3\text{-Ca}(\text{NO}_3)_2$ melts 1-35552
- Prisyazhnyi, V.D. see Voronin, B.M. 1-34510
- Prisyazhnyuk, A.S. see Prisyazhnyuk, B.L. 1-13016
- Prisyazhnyuk, B.L., Prisyazhnyuk, A.S. Electrolytic defluorination of the transport waters in a circulating-water system 1-13016
- Pritchard, D.E. see Lapatovich, W.P. 1-29074
- Pritchard, D.E. see Smith, N. 1-37313
- Pritchard, D.J. see Landhoff, P.V. 1-10172
- Pritchard, H.O., Diker, G.M., Yau, A.W. Specific decomposition rate constants in unimolecular reactions 1-21700
- Pritchard, H.O. see Vatsya, S.R. 1-48650
- Pritchard, J. see Hollins, P. 1-8054, 1-16181
- Pritchard, J.A. see Strong, A.E. 1-22344
- Pritchard, J.N. see Walsh, M. 1-49169
- Pritchard, R.G. see Moutran, R. 1-362
- Pritchard, R.G. see Oxley, D.P. 1-29069
- Pritchard, R.G. see Reynolds, S. 1-50286
- Pritchard, W.G. see Mahony, J.J. 1-40140
- Pritchett, C., Campbell, B. Iron-peak abundances in the nuclear regions of M 31, M 81, and M 94 1-22876
- Pritchett, J.W., Garg, S.K. Determination of effective well block radii for numerical reservoir simulations 1-36081
- Pritsker, V.I., Sverdlichenko, V.D. Thermostat for measuring the temperature coefficient of linear expansion of end measures 1-29522
- Pritsker, V.I. see Sverdlichenko, B.D. 1-27918
- Prityskaya, N.S. see Volod'ko, L.V. 1-12573
- Pritz, T. A transmission function system to investigate the complex elasticity modulus in acoustical materials 1-2552
- Pritz, T. Transfer function method for investigating the complex modulus of acoustic materials: spring like specimen 1-19622
- Pritzker, A. see Halg, W. 1-887
- Privalko, V.P. Conformation-dependent surface tension of amorphous, flexible-chain polymers 1-7430
- Privalov, P.L. see Matveev, S.V. 1-17350
- Privalov, V.E., Smirnov, E.A. Dynamic resistance of gas glow-discharge lasers 1-29255
- Privalov, V.E. see Kapralov, V.P. 1-50109
- Privalov, V.E. see Shpak, I.V. 1-32846
- Privalov, V.I. see Verolainen, Ya.F. 1-1177
- Privman, V. New method of perturbation-theory calculation of the Stark effect for the ground state of hydrogen 1-14848
- Privman, V. Ground state perturbation theory in one dimension: a new method with application to screened coulomb and to charmonium potentials 1-40672
- Privorotskii, I.A. Resonant transmission of electromagnetic energy through thick ferromagnetic films via phonons 1-7953
- Prizzia, T.C. see Curry, W.J. 1-48258
- Prober, D.E. see Feuer, M.D. 1-47807
- Probert, S.D. see Hussein, M. 1-13151
- Probst, F., Wagner, F.E., Karger, M. Mossbauer study of hydrogen diffusion near substitutional cobalt and iron solute atoms in β -PdH₂ 1-7978
- Probst, F. see Shenoy, G.K. 1-43053
- Probst, P.-A., MacInnes, W.M., Huguenin, R. Radiofrequency size-effect measurements of the electron scattering frequency in cadmium 1-16216
- Probstle, G. see Bolger, J. 1-41008
- Procaccia, I. see Goldhirsch, I. 1-170, 1-50082
- Procaccia, I. see Machta, J. 1-19678
- Prochadzka, D. see Comor, D. 1-54003
- Prochaska, F.T., Andrews, L. Infrared and visible absorption spectra and photochemistry of the CH_3FX^+ , CH_3FX^+ , $\text{F-H} \cdots (\text{CHX})^-$, and $\text{X-H} \cdots (\text{CHF})^-$ molecular ions in solid argon 1-8585
- Prochazka, O., Kratochvil, P. Analysis of the effect of experimental errors on the determination of molecular parameters of polymers in dilute solutions 1-46975
- Prochazka, O. see Tuzar, Z. 1-46177
- Procter, R.P.M. see Ashworth, V. 1-21649
- Procter, R.W., Smith, D.C. Planar sputtered SiO_2 process producing damage-free PtSi 1-39236
- Proctor, A., Sherwood, P.M.A. An X-ray photoelectron spectroscopic study of gold containing a bulk antimony impurity 1-42413
- Proctor, A.J. see Young, C.E. 1-46089
- Proctor, C.J. see Mendez Amaya, A. 1-1170
- Proctor, I.D. see Lanier, R.G. 1-41110
- Proctor, M.R.E. see Chapman, C.J. 1-32420, 1-37911
- Proctor, W.G. see Lawaetz, P. 1-47664
- Prodan, A., Boswell, F.W. Epitaxial intergrowth of the layered crystals SnTaS_5 and SnS_2 1-31365
- Prodan, A. see Boswell, F.W. 1-30008
- Prodan, E.A., Petrovskaya, L.I., Korshuev, V.N. Thermal transitions of $(\text{NH}_4)_3\text{P}_{10}\cdot 2\text{H}_2\text{O}$ 1-39600
- Prodan, J.V. see Pan, C.L. 1-10690
- Prodanova, R.I. see Apostolov, T.G. 1-23748
- Prodell, A. see Bozoki, G. 1-45752
- Prod'homme, L. see Croce, P. 1-6463, 1-19267
- Prodi, F., Levi, L. Aging of accreted ice 1-22412
- Proebstle, G. see Wiedner, C.-A. 1-18593
- Proeyen, A. van see Van Proeyen, A.
- Proeyen, A. van see Van Proeyen, A.
- Profant, M. see Wienhold, N.L. 1-25045
- Profilavova, N.I. see Schcherbina, D.M. 1-27988
- Profeta, S., Jr. see Allinger, N.L. 1-10802, 1-19077
- Proffitt, M.H., Keto, J.W., Frommhold, L. Collision-induced spectra of the helium isotopes 1-19106
- Proffitt, M.H. see Frommhold, L. 1-45972
- Proffo, A.E. see Doiron, D.R. 1-35872
- Proger, M. see Dillmann, U. 1-43388, 1-43389
- Prohaska, K., Wisniewski, J. The influence of grain size upon baking and upon the electrical properties in the system glass-ceramics 1-48317
- Proida, M.E. see Vizerskaya, G.E. 1-31625
- Proke'ev, P.T. see Bondarenko, V.A. 1-23533
- Prokhorov, I.S. see Ignatov, Ye.I. 1-54075
- Prokhorenko, P.P. see Kolpashnikov, V.L. 1-6856
- Prokhorov, I.M. see Arkatov, Yu.M. 1-33257
- Prokhorov, A.M. see Aleinikov, A.F. 1-34905
- Prokhorov, A.M. see Apolov, V.V. 1-1612
- Prokhorov, A.M. see Avanesov, A.G. 1-6579
- Prokhorov, A.M. see Bagdasarov, Kh.S. 1-51490
- Prokhorov, A.M. see Belov, A.V. 1-6674
- Prokhorov, A.M. see Belovolov, M.I. 1-33822
- Prokhorov, A.M. see Bozhevol'nyi, S.I. 1-51605
- Prokhorov, A.M. see Bulatov, E.D. 1-33065
- Prokhorov, A.M. see Bystritskii, V.M. 1-51461
- Prokhorov, A.M. see Dekhtyar, I.Ya. 1-53017
- Prokhorov, A.M. see Devyat'ykh, G.G. 1-33782
- Prokhorov, A.M. see Gomelaury, G.V. 1-34987
- Prokhorov, A.M. see Gur'yanov, A.N. 1-51629
- Prokhorov, A.M. see Kuz'minov, Yu.S. 1-52900
- Prokhorov, A.M. see Lyndin, N.M. 1-1727
- Prokhorov, A.M. see Platonov, V.N. 1-15650
- Prokhorov, A.M. see Ursu, I. 1-19921
- Prokhorov, A.M. see Zhekov, V.I. 1-1573
- Prokhorov, A.M. see Zolotov, E.M. 1-1692
- Prokhorov, A.M. see Zueva, G.Ya. 1-14891
- Prokhorov, A.V. see Derjaguin, B.V. 1-36597
- Prokhorov, K.A. see Polivanov, Yu.N. 1-26211
- Prokhorov, L.V., Sazonov, E.A. Classical dynamics and quasiclassical approximation in the theories with anticommuting variables 1-118
- Prokhorov, N.N. see Burtsev, S.A. 1-3864
- Prokhorov, V.A., Kholina, E.N., Klymkiv, A.V., Voronin, V.A. Chemical transport of CuInSe_2 and CuInS_2 by iodine 1-31323
- Prokhorov, V.M. see Baryshnikova, L.F. 1-52227
- Prokhorov, Yu.A. see Polonov, V.P. 1-28596
- Prokhorova, L.I. see Aleksandrova, Z.A. 1-23942
- Prokhorova, S.D. see Sinii, I.G. 1-8049
- Prokhorova, S.D. see Smolenskii, G.A. 1-8050
- Prokhorova, T.I. see Galakhov, F.Ya. 1-52076
- Prokhorovich, A.V. see Vovnenko, V.I. 1-21271
- Prokhvatilov, A.I. Low-temperature variant of the X-ray camera RKU-114M 1-18348
- Prokhvatilov, A.I. see Krupskii, I.N. 1-2659
- Prokhvatilov, V.G. see Nenashva, E.A. 1-20413
- Prokic, D. A method for measurement and dosage substance amount on modern analytical balances 1-31964
- Prokic, M. Development of highly sensitive $\text{CaSO}_4/\text{Dy/Tm}$ and $\text{MgB}_2\text{O}_7/\text{Dy/Tm}$ sintered thermoluminescent dosimeters 1-961
- Prokof'ev, P.T. see Berzin', Ya.Ya. 1-45453
- Prokof'ev, V.K. Frequency-contrast characteristic of the ideal astronomical telescope 1-27379
- Prokof'ev, L.V., Zarubo, S.V., Nasredinov, F.S., Seregin, P.P. Effect of recharging Sn atoms in $\text{Pb}_{1-x}\text{Sn}_x\text{S}$ solid solutions 1-43050
- Prokof'eva, N.I. see Gribov, L.A. 1-19074
- Prokofiev, A.N. see Efimovich, V.A. 1-41007
- Prokofiev, M.A. see Melikhov, I.V. 1-34264
- Prokopenko, I.V. see Paderno, Yu.B. 1-39183
- Prokopenko, N.V. see Baceev, A.A. 1-29895, 1-33731
- Prokopenko, N.Y. Determination of the critical stresses of axial compression for a layered cylindrical shell supported by elastic frames at the endfaces 1-15403
- Prokopenko, S.M.L., Laframboise, J.G. High-voltage differential charging of geostationary spacecraft 1-4740
- Prokopenko, V.M. see Aleshin, V.G. 1-21323
- Prokopenko, V.T., Rondarev, V.S. Measurement of optical transmission by using coherent radiators 1-18273
- Prokopets, G.A. see Kozyr, Yu.E. 1-23585
- Prokopets, V.E. see Velshko, N.A. 1-42565
- Prokop'ev, E.P. see Antuf'ev, Yu.P. 1-3532
- Prokop'ev, E.P. see Mokrushin, A.D. 1-21291, 1-31227
- Prokopenko, S. see Abdrahmanov, E.O. 1-722
- Prokopov, A.P. see Voitovich, A.P. 1-6540
- Prokoptsev, N.G. see Malovitskiy, V.A. 1-4494
- Prokopyuk, N.F. see Poletaev, V.A. 1-26233
- Prokoshkin, D.A., Loskutov, V.S., Barzov, A.A., Karasov, A.A. Use of the acoustic emission method in the analysis of the cracking kinetics of oxide films on MoSi_2 1-35481
- Prokoshkin, D.A., Loskutov, V.S., Vasil'eva, E.V., Karasov, A.A. Plasma-deposited oxidation-resistant coatings for niobium and its alloys 1-53359
- Prokoshkin, D.A., Serebrin, S.M., Semenov, V.M. Effect of chemicothermal treatment in a calcium cyanate bath on the properties of medium-carbon steels 1-8479
- Prokoshkin, S.D. see Bernshteyn, M.L. 1-21493
- Prokoshkin, Yu.D. see Davidov, V.A. 1-1023
- Prokoshkin, Yu.D. see Dzhelezadine, R.I. 1-23503
- Prokoshkin, Yu.D. see Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Proks, I., Kosa, L. Evaluation of the use of dissolution calorimetry in phase analysis of two-phase silicate systems 1-30404
- Proks, I. see Adamkovicova, K. 1-30365
- Proksch, E. see Gehring, P. 1-18901
- Prokudin, P.P. see Bogomolov, V.N. 1-28780
- Prokumina, A.N., Filipova, N.N. Retardation of a polymer fluid flow under large elastic strains 1-11427
- Prokunin, A.N. see Leonov, A.I. 1-51728
- Prokurov, A.V. see Litovchenko, V.G. 1-28027
- Pron, A. see Billaud, D. 1-31703, 1-38768
- Pron, A. see Miller, G.R. 1-38989
- Pron, A. see Moses, D. 1-7353
- Pronik, I.I. see Dobrodri, O.A. 1-27610
- Pronik, I.I. see Metik, L.P. 1-27608
- Pronik, V.I. The radiation of the nucleus of Seyfert galaxy NGC 4151 in the lines $\text{N}_1, \text{N}_2(\text{O III})$ 1-17897
- Pronik, V.I. see Golovatyi, V.V. 1-32526
- Pronin, I.I. see Gomoyunov, M.V. 1-35593
- Pronin, P.I. see Ponomarev, V.N. 1-18134
- Pronina, E.M., Maslova, N.D., Fedorova, G.V. The thermal fatigue and endurance of welded joints in high-temperature CrNi alloys 1-31510
- Pronina, N.V. see Gurevich, S.A. 1-37498
- Pronk, C.N.A., Niesing, R. Measuring hand-grip force, using a new application of strain gauges 1-32326
- Pronkin, A.A. Mobility of alkali ions in two-component glasses 1-16085
- Pronkin, A.A. Transport number and the mobility of alkali ions in two-alkali glasses of the composition $(\text{Me}_1\text{O} + \text{Me}_2\text{O}) \cdot x\text{SiO}_2$ 1-42572
- Pronkin, A.A., Evstrop'ev, K.K., Macharadze, T.G. Mobility of sodium and potassium ions in two-alkali borosilicate glasses 1-11904
- Pronza, Z. see Spurny, F. 1-942
- Proos, L. see Gaceta, M. 1-50780
- Prook, V.V., Shaikevich, I.A. Interferometric measurement of the thickness of very thin films 1-44883
- Prosvich, V.A. see Averkiev, V.V. 1-3490
- Prosendeev, S.A., Kovtun, A.P., Vedrinskii, R.V. Applicability of the SCF-X-SW method to the calculation of the ionization potentials of the core levels of the molecules SF_6 , H_2S , and SO_2 1-6162
- Prosendeev, S.A. see Pavlov, A.N. 1-19069
- Prosendeev, S.A. see Vedrinskii, R.V. 1-37114
- Prosen, E.J., Colbert, J.C. A microcalorimeter for measuring self-discharge of pacemakers and pacemaker power cells 1-17524

- Proshkin, A.A. see Pshakin, G.M. 1-28524
 Proshutinskii, A.P. see Maidanik, V.N. 1-10420
 Proshutinskii, A.P. see Zvonarev, A.K. 1-5837
 Proskura, M.P. see Kur'yan, Yu.A. 1-22556
 Proskurin, V.Yu., Mints, R.I. Change in the local physical fields in the shape-memory effect 1-38437
 Proskurovskii, D.I., Puchkarev, V.F. Formation of new emission centers on a cathode during current switching in vacuum. I. Formation of new emission centers 1-25093
 Proskurovskii, D.I., Puchkarev, V.F. Formation of new emission centers on a cathode during current switching in vacuum. II. Experimental confirmation for vacuum discharges 1-25094
 Proskuryakova, S.F. see Cheburkov, D.I. 1-23277
 Prossnitz, D., Szoke, A., Neil, V.K. One-dimensional computer simulation of the variable wiggler free-electron laser 1-10969
 Prossnitz, D. see Szoke, A. 1-10961
 Prosper, H. see Bartel, W. 1-18500
 Prosper, H. see O'Neill, L.H., Jr. 1-50443
 Prosper, H.B. see Bartel, W. 1-45253, 1-45254
 Prosperetti, A. Free oscillations of drops and bubbles: the initial-value problem 1-2066
 Prosperetti, A. Boundary conditions at a liquid-vapour interface 1-11450
 Prospero, D. see Federici, L. 1-29240
 Prospero, J.M., Glacum, R.A., Nees, R.T. Atmospheric transport of soil dust from Africa to South America 1-44277
 Prospero, J.M. see Duce, R.A. 1-44280
 Pross, A., Radom, L. A theoretical approach to substituent effects. Structural consequences of electrostatic and orbital interactions in model mono- and disubstituted methanes 1-19020
 Pross, A. see Hinde, A.L. 1-10653
 Prosser, J.S. see Edwards, A.A. 1-4332
 Prosser, N.J.D. see Rasmussen, R.A. 1-17332
 Prosser, R.T. Formal solutions of inverse scattering problems. III 1-9869
 Prosser, S.J., Barrow, R.F., Verges, J., Effantin, C., d'Incan, J. The b_{2g}^+ state of Se_2 1-6305
 Prost, J. see Barois, P. 1-46994
 Prostjakov, V.V. see Selivanov, V.M. 1-28589
 Prostjakov, V.V. see Selivanov, V.M. 1-36995
 Prosvirina, A.V. see Popov, A.A. 1-26684
 Prosvirina, S.L. see Litvinenko, L.N. 1-46201
 Proszynski, M. see Haenschel, P. 1-17864
 Protaseric, E. see Humlicek, J. 1-332
 Protaseric, E. see Kapicka, V. 1-333
 Protasov, A.K., Rybin, V.M., Sukhin, V.N. Noise-immune system for measuring the intensity of a beam of charged particles 1-44955
 Protasov, I.D. see Andriankin, E.I. 1-25399
 Prothero, W.A. see Reid, I. 1-35940
 Protheroe, B.E. see Heathcock, C.J. 1-16908
 Protheroe, R.J., Wolfendale, A.W. Galactic X-ray and gamma-ray emission and the nature of the interstellar electron spectrum 1-27347
 Protic, D. see Riepe, G. 1-23949
 Protin, L. see Le Bas, J. 1-30849
 Proto, A.N. see Otero, D. 1-28506
 Protopopov, O.D. see Gorelik, V.A. 1-31924
 Protopopescu, D.D. see Chung, S.U. 1-14423, 1-41006, 1-45362
 Protopopov, E.V. see Kovalenko, A.S. 1-39625
 Protopopov, I.Ya. see Zholentz, A.A. 1-14381
 Protsenko, E.D. see Belov, N.A. 1-17135
 Protsenko, E.D. see Mironov, V.D. 1-4135
 Protsenko, O.P. see Kil'chinskaya, G.A. 1-15506
 Protsenko, O.P. see Kil'chinskaya, G.A. 1-19675
 Protsenko, V.F. see Adamchenko, V.Ya. 1-39034
 Protsenko, V.S., Soloviov, A.I. On one contact problem for a compound strip 1-15454
 Protz, R., Maier, M. Laser induced fluorescence and relaxation of singlet molecular oxygen in the liquid phase 1-29022
 Protz, R. see Faltermeyer, B. 1-1325
 Proud, J.M. see Johnson, S.G. 1-37250
 Proudfoot, G., Bradlow, H.S., Fisher, P.S., Godwin, N.S., King, J., Sinclair, D., Rac, W.D.M. Sequential calculations for heavy-ion induced two-nucleon transfer on ^{14}N , ^{15}N and ^{16}O 1-717
 Proudfoot, G., Harbour, P.J. Exhaust studies in DITE: fast Langmuir probe measurements in the boundary layer 1-29841
 Proudfoot, G. see Godwin, N.S. 1-33212
 Proudfoot, J. see Bell, K.W. 1-6101, 1-37063
 Proudfoot, J. see Brandelick, R. 1-23510, 1-23527, 1-50411
 Prous, V.R. see Mikhailov, V.V. 1-36643
 Proust, E. see Tapponnier, P. 1-54048
 Prouza, Z., Kubeckova, J. A dose of neutrons determined on the basis of measuring the whole-body induced ^{24}Na activity and its relation to the probability of neutron capture 1-28709
 Provalov, A.A. see Ignatov, A.A. 1-15930
 Proverbio, E. see Poma, A. 1-44078
 Proviz, G.I. see Baru, S.E. 1-5451
 Provost, J., Berthomieu, G., Rocca, A. Low frequency oscillations of a slowly rotating star: quasi-toroidal modes 1-44541
 Provost, J. see Berthomieu, G. 1-27469
 Provost, J.P., Vallee, G. Riemannian structure on manifolds of quantum states 1-413
 Provotorov, V.I. see Grushko, N.S. 1-20878
 Proyanenkov, V. see Mukhina, L.L. 1-16163
 Prozorov, V.A. see Berlin, A.B. 1-17898
 Prozorov, V.A. see Gosachinski, I.V. 1-32746
 Prozorov, V.K. see Selivanov, V.M. 1-36995
 Prozorova, E.V. Motion of the temperature front of a rapidly heated region 1-24660
 Prozorovskaya, N.V. see Klimashina, E.V. 1-52978
 Pruce, L.M. Energy from ocean thermal gradients: practical alternative or pipedream? 1-13155
 Prucnal, P.R. Receiver performance evaluation using photocounting cumulants with application to atmospheric turbulence 1-10931
 Prudenziati, M. see Alberigi Quaranta, A. 1-32971
 Prud'homme, J.J. see Crancon, J. 1-23913
 Prudnikov, V.V. Instability of a layer of a conducting viscous fluid surrounding a solid rod 1-2092
 Prudnikova, E.Ya. Preliminary results of the variations of latitude from observations of Talcott's pairs in the circumzenithal zone with the Pul'kovo ZTL-180 in 1967.4-1974.4 1-13667
 Prudnikova, E.Ya. see Naumov, V.A. 1-13666
 Prueitt, J.K. see Funk, J.E. 1-53698
 Prueitt, J.G. see Gottschro, R.A. 1-1261
 Pruger, P. see Comby, G. 1-14759
 Pruijm, G.J., de Jongh, H.J., ten Bosch, J.J. Forces acting on the mandible during bilateral static bite at different bite force levels 1-17432
 Pruisken, A.M.M., Brown, A.C. Universality for the critical lines of the eight-vertex, Ashkin-Teller, and Gaussian models 1-40726
 Pruisken, A.M.M., Kadanoff, L.P. Marginally, universality, and expansion techniques for critical lines in two dimensions 1-23141
 Pruisken, A.M.M., Schaffer, L. Field theory and the Anderson model for disordered electronic systems 1-42722
 Pruitt, J.G. see Lynch, J.F. 1-29467
 Prunelle, E.de see de Prunelle, E.
 Prunier, J.C. see le Noane, G. 1-11159
 Pruppacher, H.R. see In Young Lee 1-49342
 Pruppacher, H.R. see Martin, J.J. 1-22452, 1-32499
 Pruppacher, H.R. see Wang, P.K. 1-22451
 Prusakov, V.N. see Yakimchikov, O.E. 1-39658
 Pruscheck, R., Arndt, E., Harth, R. Status of nuclear high temperature process heat development in the federal republic of Germany (Coal gasification and long distance energy transport) 1-48783
 Prusikhin, O.V. see Gafanovich, G.Ya. 1-18190
 Prusov, A.V. see Dvoryaninov, G.S. 1-4521
 Prussin, S. see Li, S.P. 1-42865
 Prutenskiy, I.S. see Ben'kova, N.P. 1-4679
 Prutenskiy, I.S. see Vasil'yev, K.N. 1-22593
 Prutton, M. see Tear, S.P. 1-7441
 Pruvot, F. Automatic wear compensation of cutting tools 1-39470
 Pruy, J.S., Engler, R., Hartmann, R., Hermes, E.A., Isaak, H.P., Shlepuev, F.W., Sennhauser, U., Dey, W., Hess, K., Pfeiffer, H.-J., Walter, H.K., Hesselink, W. Charged particle emission following the absorption of stopped π^- in ^{12}C , ^{59}Co and ^{197}Au 1-50659
 Pruzan, P., Ter Minassian, L., Souldard, A. The piezothermal method applied to molecular organic compounds and water-liquid phases and melting 1-30431
 Pryakhin, V.A. see Gruzin, P.L. 1-31424
 Pryakhin, V.V. see Dobrovolskii, V.I. 1-35368
 Pryakhin, Yu.A. see Cherkasov, Yu.A. 1-40885
 Pryakhin, V.I., Kholodnykh, A.I., Shchelokov, A.N. LiO_2 parametric light source with a two-stage interaction 1-33764
 Pryanishnikov, B.A. see Brikkir, I.N. 1-28530
 Pryce, M.H.L. see Holloway, N.J. 1-36318
 Pryde, C.A. see Roberts, R.F. 1-31316
 Pryor, G.T. see Stolzenberg, S.J. 1-13286
 Prystasz, W. The influence of the magnetic field on the thermodynamic properties of a two sublattice antiferromagnet with single-ion orthorhombic anisotropy and transversally anisotropic exchange interaction 1-38938
 Przedmojski, J., Pura, B. X-ray investigation of NPOOB crystals 1-42520
 Przbeuskii, A.K. see Brachkovskaya, N.B. 1-51486
 Przbeuskii, A.K. see Lebedev, V.P. 1-31185, 1-43176
 Przhibel'skii, S.G. see Bonch-Bruevich, A.M. 1-51433
 Przibonskaya, O.V. see Bezrodnyi, V.I. 1-51573
 Przirembel, C.E.G. Aerothermodynamics aspects of an axisymmetric resonance tube 1-46776
 Przybilla, G. see Buche, G. 1-32250
 Przybylowicz, K., Suliga, I., Michna, M. Grain-boundary diffusion of copper in aluminium bi-crystals at nonequilibrium state of structure 1-16089
 Przybylski, M., Graja, A. Electrical properties of Nm_4 4 MePy-(TCNQ) salt 1-25732
 Przytulski, J., Ostaszewski, P. Utilization of quartz resonators for measurements of thickness and condensation rate of thin films 1-36625
 Przytulski, J. see Brudzewski, K. 1-44988
 Przystawa, J. see Pekalski, A. (editor) 1-9767
 Psakh'e, S.G., Panin, V.E., Chulkov, E.V., Zhorovkov, M.F. Calculation of the binding energy of the zinc atom-vacancy complex in aluminium with the aid of the theory of pseudopotential 1-15921
 Psakh'e, S.G. see Chulkov, E.V. 1-2355
 Psaltis, G.C., Cottam, M.G. A generalisation of the drone-fermion representation and its application to Heisenberg ferromagnets 1-18148
 Psaltis, D. Acousto-optic processing of two-dimensional signals 1-51379
 Psaltis, D., Caimi, F., Casasent, D., Goutzoulis, A. Decimal/residue conversion by time-integrating correlation 1-46240
 Psaltis, D., Casasent, D. Wavelength diversity: an extra dimension in optical processing architectures 1-51400
 Psaltis, D., Kumar, B.V.K.V. Acoustooptic spectral estimation: a statistical analysis 1-46232
 Psaltis, D. see Casasent, D. 1-15090
 Psarev, V.I., Kuznetsov, A.V., Kirii, V.G. Study of peritectic transformations in crystallization of alloys of the Al-Ni, Al-Co, and Sb-Zn systems. II 1-47213
 Psarev, V.I. see Kuznetsov, A.V. 1-47212
 Pschorn, O., Spiess, H.W. Deuterium lineshape study of tetrahedral jumps in solid hexamethylenetetramine 1-16488
 Pshakin, G.M., Proshkin, A.A. Power effect of reactivity in fast power reactor with allowance for behavior of fuel under irradiation 1-28524
 Pshakin, G.M. see Belov, S.P. 1-28639
 Pshenichnaya, O.V., Kuzenkova, M.A., Kislyi, P.S. Effect of powder particle size on the sintering of zirconium nitride 1-26415
 Pshenichnij, I.V. see Zubarev, P.V. 1-16835
 Pshenichnikov, A.F. see Bratukhin, Yu.K. 1-19780
 Pshenichnikov, A.F. see Pinyagin, A.Yu. 1-1956
 Pshenichnikov, S.M. see Andreev, S.A. 1-51557
 Pshenina, L.S., Korotaev, A.D. Influence of alloying on the development of precipitation in Cu-Ti alloys 1-43347
 Pshonkin, Yu.N. see Voitovetskiy, V.K. 1-51023
 Psimopoulos, M. On the equilibrium guiding-center velocity distribution of electrons in a constant magnetic field 1-29844
 Psimopoulos, M. On the phenomenon of dynamical friction for particles interacting by the inverse square law 1-31917
 Ptak, M. see Sanson, A. 1-52055
 Ptak, W. see Pampuch, R. 1-16932
 Ptashchikov, A.A., Timokhov, P.P. Features of the degradation of optical emitters based on $GaAs-Ga_{1-x}Al_xAs-Ga_{1-x}Al_xAs^{+}$ -in heterostructures 1-7716
 Ptashchikov, A.A. see Baranov, V.M. 1-34779
 Ptashewicz-Bak, H., Leciejewicz, J., Zygmunt, A. Magnetic properties of URh_2Si_2 and URh_2Ge_2 by neutron diffraction 1-47857
 Ptityn, G.A. see Druzhinin, A.A. 1-46144
 Ptityn, V.E., Fursei, G.N., Egorov, N.V. Temperature dependence of magnetic effects accompanying field emission 1-43251
 Ptityn, V.E. see Baskin, L.M. 1-3583
 Ptityn, L.D. see Travin, V.V. 1-11194
 Ptuskin, V.S. Dissipation of long magnetosound waves due to interaction with cosmic rays 1-49459
 Pu, F. Density of states, Poisson's formula of summation and Wallis's formula 1-36564
 Pu, F. see Tao, R. 1-30355
 Pu, S.L. see Hussain, M.A. 1-24748
 Pu Fu-ke see Tan Rui-bao 1-25946
 Pu Fu-quan The problem about uniformly valid asymptotic solutions of a differential equation with turning point of second order 1-44759
 Pu Shaokang see Qi Lian 1-53255
 Pucci, R., March, N.H. Liquid crystal model for hydrocarbons under shock wave conditions 1-47136
 Pucci, R. see Baldo, M. 1-2755
 Puccio, P. see Logan, J.D. 1-27478
 Puchalska, I.B. see Hamzaoui, S. 1-34913
 Puchelle, E. Rheological properties of bronchial secretion and mucociliary transport 1-49039
 Puchelt, H., Walk, H. Trace elements from the ground of an old mining district affecting the environment 1-32060
 Puchkarev, V.F. see Proskurovskii, D.I. 1-25093, 1-25094
 Puchkelevich, N.A. see Litovskii, E.Ya. 1-27969
 Puchkov, E.I. see Le'chuk, V.L. 1-33291
 Puchkov, E.V. see Rezhikov, A.A. 1-297
 Puchkov, V.A. see Belyi, V.V. 1-22598
 Puchkov, V.I. see Kerzhanovich, V.V. 1-9397
 Puchkova, T.V., Putvinskii, A.V., Vladimirov, Yu.A. Electrical breakdown of lipid bilayer by diffusion potential 1-17355
 Puchkovskaya, G.A. see Gavrilko, T.A. 1-3398
 Puchkovskaya, G.A. see Kshnyakina, S.I. 1-43117
 Puchta, H. see Trautman, W. 1-45489
 Puckert, F. see Kayser, W.A. 1-53206
 Pudan, I.Ya. see Domrachev, V.E. 1-20406
 Puddu, G., Scholten, O., Otsuka, T. Collective quadrupole states of Xe, Ba and Ce in the interacting boson model 1-5671

- Puddu, G. *see* Van Isacker, P. 1-5672
- Pudov, V.I. *see* Gavrilov, L.R. 1-39962
- Pudovik, A.N. *see* Bashkurov, Sh.Sh. 1-31071
- Pudovkin, M.I., Sazhin, S.S. Pedersen conductivity of the magnetospheric plasma 1-22584
- Pudovkina, Z.V., Chernitsova, N.M., Voronkov, A.A., Pyatenko, Yu.A. Crystal structure of zirconalite $\text{Na}_2\text{Ca}[\text{Zr}(\text{Si}_2\text{O}_7)_2]$ 1-20168
- Pudovkina, Z.V. *see* Chernitsova, N.M. 1-30195
- Puech, C. *see* Schnapper, A. 1-46593
- Puech, M., Sakowitsch, M. Calculation of the shock poles of bodies with compact isotropic structure, with the aid of the Morse potential 1-38456
- Puechberty, D. *see* Garo, A. 1-2051
- Puell, H., Scheingraber, H., Vidal, C.R. Saturation of resonant third-harmonic generation in phase-matched systems 1-1640
- Puell, H.B. *see* Junginger, H. 1-15220
- Puerta, J. *see* Martin, P. 1-37258
- Puerta, M. *see* Cho, S.-A. 1-53121
- Pueschel, R.F. *see* Mamane, Y. 1-4234, 1-4339
- Pueschel, R.F. *see* Parungo, F.P. 1-13203
- Puettner, R.C., Smith, H.E., Willner, S.P., Pipher, J.L. Optical and infrared spectrophotochemical quasi-lattice objects: the spectra of 14 QSOs 1-54650
- Puettner, R.C. *see* Canfield, R.C. 1-54652, 1-54653
- Pufahl, H. *see* Schulze, G.E.W. 1-39348
- Puff, M., Wuttke, W. X-ray investigations of friction stressed α -Fe single crystals 1-53299
- Puffr, R. *see* Lovy, J. 1-10738
- Puga, G.D. *see* Khiminites, V.V. 1-34239
- Puga, P.P. *see* Khiminites, V.V. 1-34239
- Pugachev, A.T., Volkov, Yu.A., Churakova, N.P. Thermophysical properties of thin metal films 1-47761
- Pugachev, G.S. *see* Popov, V.S. 1-16901
- Pugachev, G.S. *see* Volovets, L.D. 1-53294
- Pugachev, G.S. *see* Zil'berbrand, E.L. 1-30315
- Pugacheva, G.I. *see* Basilova, R.N. 1-4683, 1-36142
- Pugacheva, G.I. *see* Gusev, A.A. 1-36152
- Puget, J.L. *see* Boisse, P. 1-54618
- Pugh, D., Rai, S.N. On the eigenfunctions of the Smolouchowski diffusion equation in a double-well potential and their relation to polymer dynamics 1-15045
- Pugh, E.N. *see* Lahn, M.T. 1-16959
- Pugh, E.N. *see* Liu, R. 1-16876
- Pugh, E.N., Jr., Larimer, J. Test of the identity of the site of blue/yellow hue cancellation and the site of chromatic antagonism in the π_1 pathway 1-4280
- Pugh, J.W. The Bauschinger effect in tungsten lamp wire 1-8391
- Pugh, J.W., Hehemann, R.F., Diederich, D.J. Diffusion of nickel in oxide dispersion strengthened copper 1-42586
- Pugh, N.J. *see* Jefferson, D.A. 1-15766
- Pugin, A.I. *see* Pirch, I.I. 1-16020
- Pugin, V.S., Kornienko, P.A., Pavlenko, N.P., Busse, O.D. Effect of diffusional siliconizing on the porous structure of an iron-base material 1-39537
- Puglisi, V.J., Berchielli, A.S., Donnel, C.P. Nickel hydrogen battery for load leveling application 1-53589
- Pugnet, M., Cornet, A., Collet, J., Brousseau, M., Razbirin, B.S., Michailov, G.V. Time resolved spectroscopy of CdSe using monopsued picosecond excitation 1-8129
- Pugnet, M. *see* Collet, J. 1-48157
- Puhala, M.J. Two-particle correlations in the jet calculus of Konishi, Ukawa, and Veneziano 1-523
- Puhala, M.J., Reck, Z.J., Bing-lin Young Z^0 asymmetries in jets in e^+e^- annihilation as a test of quark-fragmentation models 1-45332
- Puhlhofer, F. Pre-equilibrium emission in heavy-ion induced fusion reactions 1-50699
- Puhlhofer, F. *see* Christensen, P.R. 1-18663
- Puhlhofer, F. *see* Lehr, H. 1-50700
- Puigcerver, M., Alonso, S., Mercader, L. Rate-of-rainfall statistics in Barcelona applicable to radio-links: preliminary results 1-49361
- Puigh, R.J. *see* Dyer, P. 1-5686
- Puippe, J.C.I., Ibi, N. Influence of charge and discharge of electric double layer in pulse plating 1-35544
- Puite, K.J. A lyoluminescence dosimetry system useful for high-dose intercomparison studies 1-6044
- Pujats, A.V., Springis, M.J., Valbis, J.A. On the nature of the violet luminescence in quenched α - Al_2O_3 single crystals 1-26267
- Pujo, P. *de* *see* Pujo, P.
- Pujol, L., Francois, A. Relations between the pondered mean SCF and Slater's orbital energies in open-shell configurations of isoelectronic atoms and ions 1-33388
- Pujol, R. *see* Lenoir, M. 1-32131
- Pukac, P., Malek, P. Effect of temperature on the deformation behaviour of a superplastic zinc alloy 1-43418
- Pukh, V.P. *see* Pesina, T.I. 1-16792
- Pukhal'skii, E.A. Algebraic reduction of normal statistical models 1-5092
- Pukhlik, O.I. *see* Boguslavskii, A.I. 1-53249
- Puklova, B., Kisiel, A., Ignatowicz, S.A. The influence of preparation techniques on the fundamental reflectivity spectra of thin ZnTe films 1-48189
- Pulatov, G.Yu. *see* Nefedov, V.I. 1-42616
- Pulatova, M.K. *see* Avdeeva, O.S. 1-17456
- Pulatova, M.K. *see* Avdeyeva, O.S. 1-35830
- Pulavskaya, I.G. *see* Brandenburgsky, V.A. 1-15726
- Pulfrey, D.L. *see* Camporese, D.S. 1-48839
- Pulido, J.M.R. *see* Dias de Deus, J. 1-28295, 1-40972
- Pulinets, S.A. *see* Dechambre, M. 1-44368, 1-44369
- Pulinets, S.A. *see* Gringaux, K.I. 1-44373
- Pulinets, S.A. *see* Lavernat, J. 1-44367
- Pulinets, S.A. *see* Mishin, E.V. 1-44380
- Pulinetz, S.A. *see* Zhulin, I.A. 1-44379
- Pulkker, H.K. *see* Lardon, M. 1-7495
- Pullia, A. *see* Erriques, O. 1-23490
- Pullman, A. *see* Berthod, H. 1-46057
- Pullman, A. *see* Giessner-Pretre, C. 1-41327
- Pullman, A. *see* Lavery, R. 1-51261
- Pullman, B. *see* Cauchy, D. 1-51330
- Pullman, B. *see* Langlet, J. 1-1116
- Pullman, B. *see* Lavery, R. 1-4247, 1-19155, 1-51261
- Puls, M.P., Rogowski, A.J. Hydride redistribution and crack growth in Zr-2.5 wt.% Nb stressed in torsion 1-53252
- Pulsipher, D.C. *see* Boll, S.F. 1-29473
- Pultrak, V.K. The error due to the effect of liquid films in the conversion of linear dimensions by a contactless photo-electric converter 1-32979
- Puma, M., Laredo, E., Galavis, M.E., Figueroa, D.R. Clustering in thermally treated $\text{BaF}_2\text{Y}^{3+}$ crystals 1-34722
- Puma, M. *see* Laredo, E. 1-3321
- Pumpey, H. *see* Rothschild, M. 1-24164
- Pumphrey, P.H. On the boundary conditions for hydrogen permeation through cathodically charged iron and mild steel 1-2700
- Pumphrey, P.H. The role of sulfide inclusions in hydrogen entry during the exposure of steels to acids 1-53256
- Pun, W.M. *see* Al-Sanea, S.A. 1-19719
- Punchard, W.F.B. *see* Stekly, Z.J.J. 1-48872
- Pundur, P.A., Valbis, Ya.A. Cathodoluminescence of undoped SiO_2 films 1-16619
- Pungor, E. *see* Ebel, M.F. 1-42617
- Puon, P.S. *see* Fung, B.M. 1-32183
- Pura, B. *see* Przemojski, J. 1-42520
- Purans, J. *see* Klavja, J. 1-16473
- Purans, Yu.Ya. *see* Kiyava, Ya.G. 1-43005
- Purcell, G.H. *see* Fanselow, J.L. 1-49195
- Purcell, J. *see* Hoffmann, E. 1-53703
- Purcell, J.R. *see* Chen, W.Y. 1-47786
- Purcell, J.R. *see* Hsu, Y.-H. 1-51994, 1-52700
- Purcell, W.E. Materials for noise and vibration control 1-15324
- Purcell, W.E. Systems for noise and vibration control 1-24597
- Purdes, A.J. *see* Aita, C.R. 1-16686
- Purduski, S.M. *see* Moore, R.K. 1-27161
- Purdy, G. Developments in mining lead acid batteries 1-39760
- Purdy, G.R. *see* Perovic, A. 1-26461
- Purdy, G.R. *see* Perovic, V. 1-52303
- Purdy, J.A., Harms, W.B., Fivozinsky, S. A computer based file of X-ray and electron beam central axis depth dose data for use in radiation therapy 1-22139
- Purdy, J.A. *see* Abrath, F.G. 1-17486
- Purdy, J.R. *see* Meunier, H. 1-48691
- Purdy, O.R. *see* Sargent, C.M. 1-2466
- Puretzky, A.A. *see* Makarov, A.A. 1-29063
- Pureur, P. *see* Kunzler, J.V. 1-7603
- Pureur, P. *see* Schreiner, W.H. 1-2934
- Puri, R.R., Lawande, S.V., Hassan, S.S. Dispersion in the driven Dicke model 1-15132
- Puri, U. Calculation of ionic radii of alkali halide crystals through screened Coulomb potential 1-11730
- Purich, E.I. *see* Boyarskaya, Yu.S. 1-48609
- Purin'sh, Yu.I. *see* Moorlat, N.V. 1-32178
- Purkait, P.K., Hazra, L.N., De, M. Walsh functions in lens optimization. II. Evaluation of the diffraction-based OTF for on-axis imagery 1-51381
- Purkayastha, S. *de* *see* De Purkayastha, S.
- Purkins, T.E. *see* Humphries, C.M. 1-44433
- Purlys, R., Jakimavicius, J., Sirvaitis, A. Anisotropy of the characteristic temperatures and of the mean squared displacement of the lattices and of the atomic sublattices of hexagonal CdS and CdSe 1-11834
- Purmensky, J., Foldyna, V. Stability of dislocation in high-temperature exposure of low-alloy CrMoV steels 1-7175
- Purohit, A., Timm, R.E., Rough, F.A., Balson, J.L. Elevated-temperature behavior of the fuel cladding for the upgraded TREAT reactor 1-48583
- Purohit, A. *see* Greenfield, I.G. 1-12960, 1-26556
- Purohit, K.D. *see* Rajput, B.S. 1-5099
- Purohit, N.K. *see* Mukherjee, D. 1-2063
- Purohit, S. *see* Ginsberg, A.P. 1-50727
- Purohit, S.C., Bisby, R.H., Candall, R.B. Structural modification of human erythrocyte membranes following gamma-irradiation 1-8917
- Puroh, H., Cendiak, J., Dobryszewski, J. The effect of the kind of manganese dioxide on the electric properties of LR9 batteries 1-39756
- Purrott, R.J., Edwards, A.A., Lloyd, D.C., Stather, J.W. The induction of chromosome aberrations in human lymphocytes by in vitro irradiation with α -particles from plutonium-239 1-13291
- Purrott, R.J. *see* Edwards, A.A. 1-4332
- Purser, K.H. High sensitivity SIMS using DC accelerators 1-28124
- Purtscheller, F. *see* Mark, T.D. 1-44307
- Purushothaman, S., Ajaja, O., Tien, J.K. On the concept of back stress in particle strengthened alloys 1-12838
- Purushothaman, S., Tien, J.K. A model for fatigue crack closure in ductile materials 1-31660
- Purushothaman, S. *see* Ajaja, O. 1-3900
- Purushothaman, S. *see* Tien, J.K. 1-21515
- Purves, N.G., Pilcher, C.B. Thermal migration of water on the Galilean satellites 1-4814
- Purves, W.K., Berne, N. Resultant finger joint loads in selected activities 1-32166
- Purvis, E., III, Worthington, S.M., III. Energy planning in developing and industrializing countries 1-43749
- Puryaev, D.T. Interference test of parabolic mirrors 6 and 2.6 m in diameter 1-33786
- Puscasu, S., Stefanescu, F.I. Some constructive aspects of turbo-generators provided with a superconducting excitation winding. II. Thermal considerations 1-32991
- Pusch, W. *see* Burghoff, H.-G. 1-52426
- Puschell, J.J. Visual-infrared variations in the broad-line galaxy 3C 382 1-40556
- Puschell, J.J. *see* Jones, T.W. 1-54646
- Puschel, W., Aubauer, H.P. The kinetics of stable heterogeneous binary systems 1-30408
- Pusey, P.N. *see* Jakeman, E. 1-51377
- Pushcharovskii, D.Yu., Dago, A.M., Pobedinskaya, E.A., Belov, N.V. Crystal structure of erbium germanogermanate $\text{Er}_2\text{Ge}_2(\text{OH}_2\text{F})_6$. Crystal-chemical features of the structural type $\text{TR}_2(\text{Ge}^{\text{VI}}\text{Ge}^{\text{IV}}\text{O}_6)(\text{OH}_2\text{F})_6$ (TR = Er-Lu) 1-25225
- Pushcharovskii, D.Yu. *see* Dago, A.M. 1-20166, 1-25230
- Pushcharovskii, D.Yu. *see* Krutik, V.M. 1-2415, 1-30192
- Pushkarovsky, Yu.M. *see* Markov, M.S. 1-40114
- Pushkar, V.N., Mitsek, A.I., Kuz'mina, S.I. Variation in the magnetic state of a ferromagnetic polycrystalline film due to inward diffusion of an impurity forming antiferromagnetic inclusions 1-30992
- Pushkarev, O.I. *see* Berdikov, V.F. 1-16999
- Pushkarev, V.V. *see* Dorner, B. 1-42487
- Pushkarev, V.V. *see* Kuschchevskii, A.E. 1-21385
- Pushkarov, D. *see* Kancheva, L. 1-41351
- Pushkarskii, V.I., Lobastov, Yu.P., Dunayev, F.N. Calculation of the magnetization curves of monocrystalline Fe-Si specimens by numerical minimization of the free crystal energy 1-7880
- Pushkin, S. A new state time and frequency standard of the USSR 1-44889
- Pushkin, S.B. *see* Pali, G.N. 1-27935
- Pushkin, S.B. *see* Tatarsenkov, V.M. 1-24442
- Pushkin, V.F. *see* Kosachev, L.S. 1-39378
- Pushkina, N.I. *see* Zaitsev, R.O. 1-30930
- Pushkov, A.N. *see* Abdullabekov, K.N. 1-22364
- Pushkov, A.N. *see* Rotanova, N.M. 1-22201
- Pushkova, L.V. *see* Sumin, A.V. 1-44045
- Pushkar, A. Effect of cyclic straining on internal damping and characteristics of steel substructure 1-48487
- Pustelnikov, O.S. *see* Shtraus, I.D. 1-13449
- Pustil'nik, L.A. On the energetics of the current sheet of a flare 1-44527
- Pustil'nik, S.A. *see* Nevostny, S.I. 1-22822
- Pustotina, S.R. *see* Novikov, N.N. 1-21638
- Pustovalov, V.K. *see* Marchenko, A.I. 1-11051
- Pustovalov, V.V., Kononenko, V.I. Investigation of plastic deformation in a mixed state superconductor 1-16866
- Pustovalov, V.V., Kuzmenko, I.N. The influence of the superconducting transition on the discontinuous flow of aluminum in the temperature range 0.4-1K 1-21542
- Pustovalov, V.V. *see* Dotsenko, V.I. 1-42879
- Pustovalov, V.V. *see* Landau, A.I. 1-21522
- Pustovalov, V.V. *see* Parkhomenko, T.A. 1-2458
- Pustovitlenko, B.G. *see* Rautian, T.G. 1-4635
- Pustovoi, V.I. *see* Levin, V.M. 1-3366
- Pustovoi, V.N., Dombrovskii, Yu.M., Grishin, S.A. Characteristics of the structure of perlite in carbon steels 1-16752
- Pustovoi, V.I. *see* Akat'ev, Yu.N. 1-1714
- Pustovoi, V.I. *see* Beyzin, S.D. 1-18702
- Pustyn'nik, B.I. *see* Oganesyan, Yu.Ts. 1-50655
- Pustyn'nik, T.N. *see* Burlak, G.N. 1-25767
- Pustyn'nik, Zh.P. *see* Alizade, V.V. 1-45289
- Pusyak, S.A. *see* Ratykh, L.V. 1-35479
- Put, L.W. *see* Harakeh, M.N. 1-23594

- Put, L.W. *see* Scholten, O. 1-14505
 Putenikhina, A.V. *see* Novikova, N.N. 1-53510
 Putilov, V.A. *see* Kotovich, V.V. 1-9368
 Putintsev, B.N. *see* Shcherbakova, T.I. 1-42982
 Putintsev, V.A. *see* Remorov, V.E. 1-18225
 Putko, B.A. *see* Golo, V.I. 1-18362
 Putland, F., Chart, T., Dinsdale, A. Thermodynamically calculated phase diagrams for the Co-Cr-Ta and Co-Cr-Nb systems 1-16756
 Putlitz, G.zu *see* zu Putlitz, G.
 Putnam, P.E. *see* Smith, D.G. 1-54147
 Putney, W.W. *see* Rittgers, S.E. 1-26969
 Putro, V.G. *see* Popova, V.V. 1-34463
 Puttaswamy, K.S., Gowda, R., Sanjeevaiah, B. Photoeffect cross sections in Al, S, Cu, Zr, Ag, Sn, Ta, Au and Pb at 31.7, 74.8, 81.0 and 145.0 keV, derived from total attenuation measurements 1-48195
 Putten, N.Van Der *see* Van Der Putten, N.
 Puttick, K.E. The correlation of fracture transitions 1-24751
 Puttick, K.E. Size effects in brittle fracture 1-43521
 Putvinskii, A.V. *see* Puchkova, T.V. 1-17355
 Putvinskii, S.V. Stability of thermonuclear combustion in a tokamak 1-38131
 Putyatin, B.V. Action on the Earth of radiation due to passage of large meteoritic bodies in the atmosphere 1-32669
 Putzhofen, U. *see* Commichau, V. 1-14761
 Puyane, R., James, P.F., Rawson, H. Preparation of silica and soda-silica glasses by the sol-gel process 1-21412
 Puymbroeck, W.Van *see* Van Puymbroeck, W.
 Puz, M. *see* Dunand, A. 1-35554
 Puzanov, A.A. *see* Korobeinikov, V.P. 1-3734, 1-12742
 Puzanov, A.A. *see* Kudinov, V.V. 1-16618
 Puzdrovskii, E.P. Wave seismic field distinguishing of low-amplitude disjunctive dislocations 1-9275
 Puzdrovskii, E.P. Determination of mean frequency of oscillations in a preset interval 1-22245
 Puzniak, T.J. Analyzers—the key to advanced control 1-31968
 Puzynin, I.V. *see* Vinitkii, S.I. 1-10876
 Puzynina, T.P. *see* Vinitkii, S.I. 1-10876
 Puzyre, V.M. *see* Glazkov, V.M. 1-15529
 Py, M. *see* Vaterlaus, H.P. 1-12504
 Pyankov, B.N. *see* Korobeinikov, V.P. 1-3734, 1-12742
 Pyanykh, E.G., Antonov, G.I., Yakobchuk, L.M., Druzhinin, V.G. Influence of technological parameters on the properties of periclase-chromite refractories 1-31400
 Pyarnpuu, A.A. *see* Leonas, V.B. 1-49782
 Pyarnpuu, A.A. *see* Zmievskaya, G.I. 1-46837
 Pyatenko, Yu.A. *see* Chernitsova, N.M. 1-30195
 Pyatenko, Yu.A. *see* Kurova, T.A. 1-25227
 Pyatenko, Yu.A. *see* Pudovkina, Z.V. 1-20168
 Pyatigorskii, G.A. *see* Bokov, V.I. 1-36245
 Pyatiletov, Yu.S. Contribution of the dislocation climb to the radiation-induced creep of metals 1-12792
 Pyatiletov, Yu.S. Influence of vacancy loops on radiation-induced 'swelling' of metals 1-42374
 Pyatkin, A.A. *see* Bondarenko, E.A. 1-38824
 Pyatos, P. State of progress in the construction programme for 1300 MWe pressurized water nuclear power plants 1-23846
 Pyatov, N.I. *see* Alikov, B.A. 1-45385, 1-45459
 Pyatov, N.I. *see* Palchik, V.V. 1-5680
 Pyatov, N.I. *see* Salamon, D.I. 1-45382
 Pyatsi, A.Kh., Zarnitsky, Yu.F. Electron precipitation in magnetically conjugated region in the first Araks experiment from radar data 1-44364
 Pyatsi, A.Kh. *see* Izhovkina, N.I. 1-44391
 Pychlaui, P. *see* Nette, P.H. 1-41271
 Pye, A. Developments in titanium forming 1-31380
 Pye, E.K. *see* Ferchak, J.D. 1-53680, 1-53681
 Pye, J. *see* McHardy, I. 1-54662
 Pye, J.P., Pounds, K.A., Rolf, D.P., Seward, F.D., Smith, A., Willingale, R. An X-ray map of SN 1006 from the Einstein Observatory 1-44671
 Pye, J.P. *see* Fabian, A.C. 1-4960
 Pye, J.P. *see* Steiner, J.E. 1-9735
 Pye, L.D. *see* Loredo, J. 1-3373
 Pyka, J.L. *see* Kosibova, S. 1-9195
 Pykett, I.L., Mansfield, P., Morris, P.G., Ordidge, R.J., Bangert, V. NMR imaging [of tissue internal structure] 1-43945
 Pykhlov, A.F. Influence of coherent light on the resolution of thin objects 1-37431
 Pykhlov, A.F. *see* Mageramov, A.B. 1-37444
 Pykhov, N.V. *see* Kos'yan, R.D. 1-4525
 Pyle, G.J. *see* Batty, C.J. 1-51322
 Pyle, J.A., Rogers, C.F. A modified diabatic circulation model for stratospheric tracer transport 1-9214
 Pyle, J.A., Rogers, C.F. Stratospheric transport by stationary planetary waves—the importance of chemical processes 1-22456
 Pyle, J.A. *see* Harwood, R.S. 1-22455
 Pyle, K.R. *see* Chenette, D.L. 1-40394
 Pyle, K.R. *see* Simpson, J.A. 1-40391
 Pyle, R.V. *see* Schneider, P.J. 1-43232
 Pyle, T.E. *see* Fanning, K.A. 1-54066
 Pynn, R. Neutron spin echo and three-axis spectrometers 1-34206
 Pynn, R. *see* Dornier, B. 1-42487
 Pynn, R. *see* Lynn, J.W. 1-38910
 Pynn, R. *see* Megert, S. 1-7332, 1-42369
 Pyper, D.M. *see* Adelman, S.J. 1-40481
 Pyper, N.C. Relativistic modifications of covalent bonding in heavy elements. The role of partial ionic character and π electrons on ligands 1-6120
 Pyper, N.C. *see* Ferguson, I. 1-14829
 Pyper, N.C. *see* Grant, I.P. 1-28881
 Pyper, N.C. *see* Wood, C.P. 1-6180
 Pyrkyn, B.N. *see* Nefedov, V.I. 1-30587
 Pyrkov, V.P. *see* Cherepanina, L.I. 1-12697
 Pyrlík, J. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Pytel', I.D. *see* Zubov, V.G. 1-18227
 Pythoon, M. *see* Meylan, G. 1-13760
 Pytkin, Yu.N. *see* Ignatenko, E.I. 1-28644
 Pytte, A., Boozer, A.H. Neoclassical transport in helically symmetric plasmas 1-38061
 Pytte, E. Random anisotropy spin-glass 1-12332
 Pytte, E. Renormalization-group calculation of first- and second-order phase transitions in the Potts model 1-21005
 Pytte, E. *see* Aharony, A. 1-16453, 1-32933
 Pytyev, Yu.P. *see* Platonov, V.N. 1-15650
 Pywell, R.E., Thompson, M.N., Berman, B.L. A measurement of the ^{18}O photo-nuclear cross sections as a test of a bremsstrahlung unfolding technique 1-23637
 Pyyyko, P. *see* Desclaux, J.P. 1-28885, 1-41311
 Pyyyko, P. *see* Lohr, L.L., Jr. 1-1114
 Pyyyko, P. *see* Snijders, J.G. 1-6402
 Pyzuk, W., Majgier-Baranowska, H., Ziolo, J. Kerr effect in the critical solution of benzyl alcohol 1-35013
 Q Nguyen Tuan *see* Nguyen Tuan Q
 Qachoua, A. *see* Friedt, J.M. 1-25680
 Qadir, A., Mufti, A.A. Gravitational waves from the big bang 1-27837
 Qaim, S.M., Klapdor, H.V., Reiss, H. Statistical model analysis of cross sections of (n,t) and (n, ^3He) reactions induced by 14.6 MeV neutrons on target nuclei with $A=27$ to 59 1-5780
 Qamar, A. *see* St. Lawrence, W. 1-44159
 Qguz, S., Paesler, M.A. Kinetic analysis of hydrogen evolution from reactively sputtered amorphous silicon-hydrogen alloys 1-34574
 Qi Jingtai, Cai Shutang The relation between crack opening displacement and strain 1-33933
 Qi Lian, Pu Shaokang, Yin Biquan Some factors affecting the welded joint fracture in hot-rolled silicon steel coil 1-53255
 Qi Shen *see* Shen Qi
 Qi Zhou *see* Zhou Qi
 Qi-bing Yang *see* Yang Qi-bing
 Qi-Dong Deng L. *see* Deng L. Qi-Dong
 Qi-guang Luo *see* Luo Qi-guang
 Qi-ren Zhang *see* Zhang Qi-ren
 Qi-tai Zheng *see* Zheng Qi-tai
 Qi-xing Shen *see* Shen Qi-xing
 Qi-ze Ran *see* Ran Qi-ze
 Qi-zhi Han *see* Han Qi-zhi
 Qian Cheng *see* Hui Yongzheng 1-33058
 Qian Fu-ye, Zhao Yu-Lin Ten examples of changes in Earth-resistivity prior to strong earthquakes 1-9088
 Qian Ren-yuan, Jin Xiang-feng, Zhou Shu-qin AC conductance of organic solid thin films 1-2953
 Qian Yong-jia, Ran Qi-ze Methods for obtaining very low temperature—Pomeranchuk cooling and nuclear adiabatic demagnetization 1-5328
 Qian Yu-Neng *see* Zong You-Tai 1-47315
 Qian-Yi Xiao *see* Xiao Qian-Yi
 Qiang Huang *see* Huang Qiang
 Qiang-Fa Li *see* Li Qiang-Fa
 Qianhuan Dai *see* Dai Qianhuan
 Qiao-jun Gao *see* Gao Qiao-jun
 Qifeng Yin *see* Yin Qifeng
 Qihua Yu *see* Yu Qihua
 Qin Dan-hua *see* Cao Chang-gi 1-28252
 Qin Jin-zi *see* Zheng Chao-de 1-52124
 Qin Rong-Xian *see* Zhang Ping-Hua 1-49543
 Qin-yue Qu *see* Qu Qin-yue
 Qin-Zu Li *see* Li Qin-Zu
 Qing Cheng-rui *see* Shen Jie-wu 1-2140
 Qing Cheng-rui *see* Zhang Chun-yuan 1-19928
 Qing Liu *see* Liu Qing
 Qing-chang Yu *see* Yu Qing-chang
 Qing-cheng Zeng *see* Zeng Qing-cheng
 Qing-Chun Yao *see* Yao Qing-Chun
 Qing-hu Kong *see* Kong Qing-hu
 Qing-Qi Zhu *see* Zhu Qing-Qi
 Qing-rui Su *see* Su Qing-rui
 Qing-Rui Yin *see* Yin Qing-Rui
 Qing-Yun Wei *see* Wei Qing-Yun
 Qing-zhang Zheng *see* Zheng Qing-zhang
 Qingzhang Zheng *see* Zheng Qingzhang
 Qiqin Yang *see* Yang Qiqin
 Qitai Zhuang *see* Zhuang Qitai
 Qiti Guo *see* Guo Qiti
 Qiu Nai-Xian *see* Gu Yong-Nian 1-42151
 Qiu Xi-jun, Song Hong-qiu, Huang Wei-zhi, Wang Zi-xing A model of fission 1-18696
 Qiu Xiao-ming Renormalized quasi-linear theory of turbulence in non-uniform plasma. I. Generalization of Misquich-Balescu theory 1-19902
 Qiu Xiao-ming Renormalized quasi-linear theory of turbulence in non-uniform plasma. II. Resonant diffusion in a turbulent plasma 1-19903
 Qiu Xiaoming *see* Xia Jianbai 1-19900
 Qiu-he Peng *see* Peng Qiu-he
 Qiwei Han *see* Han Qiwei
 Qiwei He Mingmin Han *see* He Mingmin Han
 Qiwei
 Qizhou Chen *see* Chen Qizhou
 Qu Cui-Feng *see* Wang Yong-Ling 1-15355
 Qu Qin-yue, Wang Zhen-ru, Zhang He-qi The hard X-ray emission lines of Her X-1 1-40578
 Qu-Bing Xie *see* Xie Qu-Bing
 Quack, M. Statistical models for product energy distribution in bimolecular reactions with metastable intermediates 1-12975
 Quackenbush, C.L., Smith, J.T. Phase effects in Si_3N_4 containing Y_2O_3 or CeO_2 . II. Oxidation 1-3945
 Quackenbush, C.L. *see* Smith, J.T. 1-3753
 Quade, C.R. Contributions of the interaction of internal rotation with other vibrations to the effective potential energy for internal rotation in molecules with symmetric internal rotors 1-1407
 Quade, R.N. *see* Vrabie, D.L. 1-45594
 Quader, A.K.M.A., Wilkinson, W.L. Correlation of turbulent flow rate-pressure drop data for non-Newtonian solutions and slurries in pipes 1-19815
 Quadfasel, D.R. *see* Bruce, J.G. 1-27176
 Quadfasel, D.R. *see* Schott, F. 1-27210
 Quadrini, E. *see* Pradelli, G. 1-34302
 Quaggiotti, V. Dynamic-inlet water jet 1-2052
 Quaglia, M. *see* Amendola, S.R. 1-18959, 1-18960, 1-18961
 Quagliano, L.G. *see* Modesti, S. 1-47696
 Quan, B.L., Malone, J.P., Pilat, E.E. Sensitivity analysis of equilibrium fuel cycles with power coastdown 1-45600
 Quan, B.L. *see* Ginsberg, A.P. 1-50727
 Quan Cai Ti *see* Cai Ti Quan
 Quan-de Zhong *see* Zhong Quan-de
 Quan-kang Lu *see* Lu Quan-kang
 Quang, N.V., Hayakawa, Y., Kumagawa, M. Influence of mechanical vibrations on microscopic growth rates in GaSb pulled crystals 1-47030
 Quang, N.V. *see* Kumagawa, M. 1-47390
 Quang Rang Le *see* Le Quang Rang
 Quang Shen, Hilderbrandt, R.L., Hagen, K. The structure and conformation of dichloroacetyl chloride as determined by gas-phase electron diffraction 1-46120
 Quaranta, A. *see* Alberigi *see* Alberigi Quaranta, A.
 Quareni Vignudelli, A. *see* Adamovich, M.I. 1-45317
 Quareni-Vignudelli, A. *see* Fiorino, A. 1-50583
 Quarumby, D.J. *see* Gadir, O.M.A. 1-49087
 Quarrie, D.R. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Quarrington, G.R. *see* Gacesa, M. 1-50780
 Quartapelle, L. *see* Donea, J. 1-24781
 Quartey, E.L., Allen, L. Hydroelectric power in Ghana. II 1-53545
 Quartieri, J. *see* Bruzese, R. 1-46288
 Quartieri, J. *see* Mastrocinque, G. 1-1544
 Quarto, F. *see* Di Quarto, F.
 Quate, C.F. *see* Bray, R.C. 1-38696
 Quate, C.F. *see* Rugar, D. 1-32322
 Quatreages, R. *see* Afric, R. 1-27020
 Quattropiani, A. *see* Selloni, A. 1-41765
 Quay, A. *see* de Quay, A.
 Quayle, L.S. *see* Beda, S. 1-26439
 Queau, D. *see* Le Queau, D.
 Queck, Ch., Schwabe, K. Behaviour of pH-glass in electrodes in strongly acid and non-aqueous solutions 1-31871
 Queen, N.M. *see* Atkin, G.K. 1-584, 1-41010
 Queeney, R.A. Fatigue and fracture response of metal-infiltrated sintered powder metals 1-48511
 Queeney, R.A. *see* DasGupta, P.S. 1-21575
 Queffelec, J.L., Ben Jemaa, N., Travers, D. Activation of contacts of electromechanical relays by their own organic outgassing products in a faint atmosphere, as a function of temperature 1-19993
 Queirolo, G., Pignatell, G.U. AES measurements on P-doped silicon dioxide: electron and ion beam irradiation artifacts 1-34366
 Queiroz, S.L.A. *see* de Queiroz, S.L.A.
 Queisser, H.J. *see* Chattopadhyay, D. 1-47635
 Queisser, H.J. *see* Theodorou, D.E. 1-3003
 Queisser, H.J. *see* Uebbing, R.H. 1-48128
 Quemada, D. Blood rheology: principles and applications 1-35802
 Quemener, Y. *see* Bandet, J. 1-12611
 Quemener, A. *see* Gervais, F. 1-11554

- Quemener, A., Loisel, B., Jezequel, G., Thomas, J., Lemerion, J.C. Optical spectra of gadolinium and dysprosium: study of the 5p thresholds 1-31165
- Quenby, J.J. *see* Coc, M.J. 1-49852
- Quenneville, A.F. *see* Swanson, M.L. 1-11793, 1-20282
- Quentin, P., Brissaud, I., de Swiniarski, R. The determination of hexadecapole deformation parameters in actinide nuclei and their variation near the nuclear surface 1-18554
- Quentin, P. *see* Libert, J. 1-5698
- Queral, L.A. *see* Collins, J.T. 1-39985
- Querales, A., Byrne, J.G. The effect of rapid annealing on the mechanical behavior of cold rolled eutectoid steel 1-21485
- Quercioli, F., Molesini, G. Contrast reversal with a point-diffraction interferometer with a carrier frequency 1-23293
- Quere, Y. Imaging by means of channelled particles 1-38421
- Quere, Y. *see* Bhattacharya, P.K. 1-52200
- Quere, Y. *see* Desarmot, G. 1-3740
- Quere, Y. *see* Rullier-Albenque, F. 1-38880
- Querrou, M. *see* Burq, J.P. 1-23912
- Quera, P. *see* Barranco Luque, M. 1-14745
- Quera, P. *see* Calvetti, D. 1-14778
- Quera, P. *see* Cockerill, D. 1-14742
- Querne, C. *see* Severac, C. 1-16854
- Quessel, D.J., Tsou, J.C. A glide induced mechanism of dipole loop annihilation 1-2502
- Quessel, D.J. *see* Bober, H.T. 1-36642
- Quessada, J.P. *see* Pelloux, A. 1-35594
- Questad, D.L., Pae, K.D., Newman, B.A., Scheinbeim, J.I. Pressure dependence of the glass transition and related properties of Solihane 113 elastomer 1-11692
- Questiaux, P. Financing the French nuclear programme 1-8693
- Quezel, S. *see* Buriel, P. 1-47886, 1-47915
- Quezel, S. *see* Rossat-Mignod, J. 1-47876
- Qui Zhuxian, Wei Chingbin On the wettability of carbon electrodes by molten cryolite-alumina electrolyte 1-52392
- Quiblier, J.A., Tremolieres, P., Zinsner, B. A tentative fault propagation description by three-dimensional finite-element analysis 1-17573
- Quichaud, G. *see* Bastos, J.P. 1-24313
- Quick, M.K. *see* MacLennan, D.J. 1-5391
- Quick, R.F., Jr. System theory and vision: a review of models and applications 1-8847
- Quickenden, T.I., Irvin, J.A., Sangster, D.F. A search for non-Cerenkov UV emission from liquid water irradiated with pulsed electrons 1-16610
- Quidort, J. *see* Comby, G. 1-14759
- Quigg, C. *see* Kwong, W. 1-22967
- Quigg, C. *see* Schonfeld, J.F. 1-490
- Quigley, R.M. *see* Inoulet, I.I. 1-20854
- Quijano, L. Proper motion of star no.154 on plate 1329 of the AC San Fernando Zone (=3A 2254-033) 1-13762
- Quilez, A. Electronic organs. III. Formation and treatment of musical notes 1-33859
- Quilty, P. *see* von Stackelberg, U. 1-13446
- Quimby, R.S., Yen, W.M. Photoacoustic theory including energy migration 1-8039
- Quin, M.P., Schwartz, L.H. Low cycle fatigue in spinodal Cu-10 wt.% Ni-6 wt.% Sn 1-26617
- Quin, P.A. *see* Bartle, C.M. 1-50593
- Quincy, E.A., Rhoades, M.L., Sturm, K.A. Remote induction sounding of Hanna underground coal burn II, phase I, employing pseudonoise/cross-correlation techniques 1-9281
- Quincy, E.A., Richmond, J.H., Rhoades, M.L., Rahman, M.M. Statistical model fitting of remote induction sounding data from underground coal gasification site—Hanna II, Phases 2 and 3 1-36072
- Quincy, E.A. *see* Rahman, M.M. 1-54231, 1-54300
- Quinet, A. Contribution of radiative, convective and turbulent phenomena to the thermal structure of the atmosphere 1-49365
- Quinlan, P.M. *see* Grannell, J.J. 1-29585
- Quinn, G.C. Fiber optics test techniques and equipment 1-29389
- Quinn, H.R. *see* Weinstein, M. 1-516
- Quinn, J.G. *see* Dimock, C.W. 1-53714
- Quinn, J.J. *see* Bloss, W.L. 1-47728, 1-52509
- Quinn, J.J. *see* Kawamoto, G. 1-12177
- Quinn, J.J. *see* Kawamoto, G.H. 1-47729
- Quinn, J.J. *see* Yi, K.S. 1-34732
- Quinn, T. Acoustic power measurement of medical ultrasonic probes using a strain gauge technique 1-43925
- Quinn, T.F.J. *see* Sullivan, J.L. 1-26632
- Quinones, D.F. *see* Norris, D.M., Jr. 1-824
- Quint, W.C. Science activities for school trips 1-27746
- Quintana, J.A. *see* Garcia, M.A. 1-1528
- Quintand, J.N. *see* Barnes, B.K. 1-23840
- Quintanilha, A.T. *see* Carmeli, C. 1-21992
- Quintanilha, A.T. *see* Nabarro, F.R.N. 1-3122
- Quintanilha, M. *see* Arias, I. 1-1673
- Quintard, J.P. *see* Marchand, A. 1-14893
- Quintenz, J.P., Widner, M.M. A combined Monte Carlo digital simulation code 1-7009
- Quintenz, J.P. *see* Poukey, J.W. 1-41553
- Quinton, A.M. *see* Asfold, M.N.R. 1-24113, 1-24230
- Quirk, B.K. *see* Scarpace, F.L. 1-32549
- Quirk, J.P. *see* Homshaw, L.G. 1-42544
- Quirke, N. *see* Jacucci, G. 1-2303
- Quiroga, R.J. An indirect measurement of the galactic center distance 1-27605
- Quiros, M. On the two-reggeon-two-particle amplitude at large momentum transfer 1-10179
- Quiros, M. Arc dual models able to describe large angle pp-scattering 1-28302
- Quiros, M. Large transverse momentum in the symmetric-group model. I. Exclusive scattering 1-45350
- Quitmann, D. *see* Bosse, J. 1-25133
- Quitmann, D. *see* Soltwisch, M. 1-25146
- Quitmann, D. *see* Weihrer, E. 1-31072
- Quitmann, D. *see* Willeke, F. 1-31053
- Quittet, A.M., Servoin, J.L., Gervais, F. Correlation of the soft modes in the orthorhombic and cubic phases of KNO_3 1-52935
- Quivers, W.W., Jr. *see* Thomas, J.E. 1-14851
- Quivy, A. *see* Calvayrac, Y. 1-3783, 1-26419
- Qun Bai *see* Bai Qun
- Qun Li *see* Li Qun
- Qunzhu Zeng *see* Zeng Qunzhu
- Quoc Son Nguyen *see* Nguyen Quoc Son
- Quon, D.H.H., Wheat, T.A., Nesbitt, W. Synthesis, characterization and fabrication of $\text{Na}_{1-x}\text{Zr}_x\text{Si}_2\text{P}_3\text{O}_{12}$ 1-31392
- Qureshi, A.H. *see* Laghari, J.R. 1-15711
- Qureshi, A.H. *see* Malik, N.H. 1-2268, 1-15710
- Qureshi, M.S. *see* Marbie, A.E. 1-32271
- Qureshi, M.S. *see* Srivastava, R. 1-26116
- Qureshi, M.S. *see* Shrivastava, R.K. 1-31083
- Quy, R.J., Fitch, P., Willison, R.G. High-speed automatic analysis of EEG spike and wave activity using an analogue detection and micro-computer plotting system 1-4373
- Quyen, N.H. *see* Nghiep, D.M. 1-20232
- Quyen, N.H. *see* San Martin, A. 1-16912
- R., G.Silva *see* Silva R., G.
- Ra, O. *see* Ti, S.S. 1-34431, 1-34433
- Ra Hyong-Yong *see* Hyong-Yong Ra
- Ra Jung-Woong *see* Jung-Woong Ra
- Raah, B. Unique features of Dynamic Isotope Power Systems for high-requirements spacecraft 1-48897
- Raah, E. *see* Braddick, O. 1-22017
- Raah, F., Bergeman, T., Lieberman, D., Metcalf, H. Quantum-beat spectroscopy of the $A^2\Sigma^+$ state of the OH free radical 1-5410
- Raah, M. *see* Cizek, A. 1-16623
- Raah, N.L. Metered air-to-air heat pump energy consumption in seven St. Louis area homes 1-35701
- Raah, R.E. *see* De Figueiredo, I.M.B. 1-48102
- Raabe, G. *see* Bethke, C. 1-11264
- Raabe, O.G., Book, S.A., Parks, N.J. Bone cancer from radium: canine dose response explains data for mice and humans 1-4340
- Raadu, M.A., Carlqvist, P. Electrostatic double layers and a plasma evacuation process 1-38075
- Raen, A.M. *see* Fosshem, K. 1-16527
- Raen, A.M. *see* Svare, I. 1-12420
- Raefat, H.M., Wong, A.K.C. Texture information directed algorithm for biomedical image segmentation and classification 1-4341
- Raaphorst, G.P., Azzam, E.I. Heat and radiation sensitivity of Chinese hamster V79 cells and of nine clones selected from survivors of a thermal tolerant cell population 1-39967
- Raaphorst, G.P., Azzam, E.I., Sargent, M.D., Einspinner, M., Borsia, J. Modification of x-ray-induced oncogenic transformation and cell killing by hyperthermia and 5-bromodeoxyuridine in cultured C3H-10T1/2 cells 1-39974
- Raassen, A.J.J., Hansen, J.E. Forbidden lines of four and five times ionized iron and nickel in the spectra of RR Telescopii and eta Carinae 1-49663
- Raassen, A.J.J., Van Kleef, Th.A.M. Analysis of the sixth spectrum of copper (Cu VI) 1-45890
- Raay, H.B. van der *see* van der Raay, H.B.
- Rabache, P. *see* Rebours, B. 1-17672
- Rabadanov, R.A. *see* Adukov, A.D. 1-31194
- Rabadi, N.J., Simon, H.A., Chow, J.C.F. Numerical solution for fully developed, laminar pulsating flow in curved tubes 1-42091
- Rabaiotti, P.A. *see* Williams, R.J. 1-53860
- Rabal, H.J. *see* Bolognini, N. 1-6836
- Rabal, H.J. *see* Sicre, E.E. 1-10929, 1-46234
- Rabal, H.J. *see* Zerbinio, L.M. 1-19293
- Rabalais, J.W. *see* Baldwin, D.A. 1-35501
- Rabalais, J.W. *see* Fukuda, Y. 1-14958, 1-17105
- Rabalais, J.W. *see* Honda, F. 1-21309, 1-31273
- Rabasco, A.D. *see* Iwasa, Y. 1-53627
- Rabbani, M. *see* Saleh, B.E.A. 1-24361
- Rabbia, Y. *see* Gay, J. 1-4791
- Rabe, J.A., Spels, S., Rasch, D.M., Homan, G.R., Lee, C.L. Evaluation of silicone foam for flat plate solar collector insulation 1-43804
- Rabe, P., Haensel, R. The extended X-ray absorption fine structure and its applicability for structural analysis 1-31238
- Rabe, P. *see* Martens, G. 1-16543
- Raben, K. *see* Von Raben, K.
- Rabenau, A. *see* Haag, J. 1-32993
- Rabenberg, L., Mishra, R.K., Thomas, G., Kohmoto, O., Ojima, T. Electron microscopy of Co/Fe/B/Si amorphous alloys 1-12339
- Rabenholt, D.A. Extension of the matrix theory of circular dichroism for unordered polypeptides 1-29154
- Rabenholt, D.A. Helical polymer circular dichroism: transition matrix theory for polypeptides 1-46004
- Rabenstein, D.L., Isab, A.A., Brown, D.W. Suppression of hemoglobin resonances in ^1H NMR spectra of intact erythrocytes 1-43852
- Rabensteiner, G. *see* Orinig, H. 1-3173
- Rabii, S., Tatar, R.C., DiVincenzo, D.P. Effect of residual nitrogen in graphite 1-47629
- Rabii, S. *see* DiVincenzo, D.P. 1-47433
- Rabii, S. *see* Tatar, R.C. 1-47453
- Rabin, B., Scharager, C., Age-Hali, M., Siffert, P., Wald, F.V., Bell, R.O. CdTe-InSb heterojunctions. An investigation by electrical measurements and by secondary ion mass spectrometry 1-30812
- Rabin, D., Moore, R.L. Coronal holes, the height of the chromosphere, and the origin of spicules 1-32673
- Rabin, J.M. Renormalization-group studies of antiferromagnetic chains. II. Long-range interactions 1-12317
- Rabin, M.S.Z. *see* Lomanno, F. 1-14426
- Rabin, M.S.Z. *see* Wise, J. 1-28316
- Rabin, Y. *see* Hering, P. 1-37308
- Rabiner, L.R., Wilpon, J.G. A simplified, robust training procedure for speaker trained, isolated word recognition systems 1-11261
- Rabiner, L.R. *see* Myers, C. 1-29472
- Rabinkin, A. *see* Botstein, O. 1-53175
- Rabinkin, A. *see* Gutman, E.Y. 1-21409, 1-35210
- Rabinkin, A. *see* Leibovich, C. 1-35253
- Rabinovich, A.B. *see* Efimov, V.V. 1-44205
- Rabinovich, A.Z., Sonin, A.S., Anisimova, T.N., Loseva, M.V., Chernova, N.I. Spontaneous polarization in a binary mixture of chiral smectics 1-34992
- Rabinovich, A.Z. *see* Loseva, M.V. 1-3324
- Rabinovich, A.Z. *see* Nesrullaev, A.N. 1-2606
- Rabinovich, B.A. *see* Moorlat, N.V. 1-32178
- Rabinovich, B.I. *see* Gtiarts, Ya.I. 1-44346
- Rabinovich, D., Hope, H. Absolute configuration determination by anomalous scattering of light atoms. Have the limits been reached? 1-2418
- Rabinovich, E.M. Some aspects of the fracture of chemically strengthened glass 1-21572
- Rabinovich, G.I. Evaporation rate of thorium from the cathodes of super-high pressure xenon lamps 1-7023
- Rabinovich, L.G. *see* Brytov, I.A. 1-26312
- Rabinovich, L.V. *see* Buinov, N.A. 1-30228
- Rabinovich, M.I. *see* Klimenko, Yu.G. 1-1974
- Rabinovich, M.I. *see* Pikoysky, A.S. 1-50036
- Rabinovich, M.S. *see* Bogdankevich, L.S. 1-1481
- Rabinovich, R.I. *see* Gershenzon, E.M. 1-3016
- Rabinovich, R.I. *see* Gusinskiy, E.N. 1-20754
- Rabinovich, R.L. *see* Baev, V.K. 1-46795
- Rabinovich, V.A. *see* Rogovin, M.D. 1-30504
- Rabinovich, Ya.D., Gerberg, A.N. Reciprocity principle and optimum design of permanent magnets 1-14143
- Rabinovich, Ya.D. *see* Gerbert, A.N. 1-37037
- Rabinovich, Ya.I. Approximate method for calculation of Hamaker constants with allowance for the effect of electromagnetic lag 1-26767
- Rabinovich, Ya.I. Calculation of Hamaker constant from depth of secondary potential well 1-47734
- Rabinovitch, B.S. *see* Kelley, D.F. 1-33547
- Rabinovitch, B.S., Schurr, J.M., Strauss, H.L. (editor) Annual review of physical chemistry, vol.29 1-9789
- Rabinovitch, E.B. *see* Summers, J.W. 1-31609
- Rabinovitch, M. *see* Prinzhofer, A. 1-32413
- Rabinowicz, E. An adhesive wear model based on variations in strength values 1-38446
- Rabinowicz, E. *see* Carignan, F.J. 1-43536
- Rabinowicz, J. *see* Kydes, A.S. 1-39725
- Rabinowitz, P., Perry, B., Treacy, E.B. Stimulated Raman scattering of CO₂ laser radiation in a multiple pass cell 1-46458
- Rabinowitz, P.D. *see* Gamboa, L.A.P. 1-54049
- Rabinowitz, W.M., Bilger, R.C., Trahtois, C., Nuetzel, J. Two-tone masking in normal hearing listeners 1-13254
- Rabitsch, H. *see* Muller, H.J. 1-28610
- Rabitz, H. *see* DePrieto, A.E. 1-37547
- Rabitz, H. *see* Dougherty, E.P., Jr. 1-46048
- Rabitz, H. *see* Eslava, L.A. 1-37298
- Rabitz, H. *see* Rohlfing, E.A. 1-1328
- Rabitz, H. *see* Zughul, M. 1-1285
- Rabkin, D.M. *see* Chernov, V.Yu. 1-35330
- Rabkin, L.M. *see* Dmitriev, V.P. 1-11737

- Rabkin, V.B. *see* Kozlova, R.F. 1-26517
 Rabkina, I.G. *see* Bukhalova, G.A. 1-35240
 Rabl, A., O'Gallagher, J., Winston, R. Design and test of non-evacuated solar collectors with compound parabolic concentrators 1-13162
 Rabl, A. *see* Bendt, P. 1-21849, 1-46481
 Rabolli, M. *see* Vega, E.L. 1-9514
 Rabolt, J.F., Beller, R. The nature of apodization in Fourier transform spectroscopy 1-40863
 Rabolt, J.F. *see* Balanson, R. 1-3689
 Rabotnov, N.S. *see* Masterov, V.S. 1-18636
 Rabotnov, Yu.N. *see* Mostovoi, G.E. 1-48407
 Rabourdin, C. *see* Rault, J. 1-20078
 Raboutou, A., Rosenblatt, J., Peyral, P. Coherence and disorder in arrays of point contacts 1-3099
 Rabovskii, I.Z. *see* Khimmatkulov, F. 1-12257
 Rabovskii, V.B. *see* Eroshenko, Y.M. 1-46745
 Rabrenovic, M., Ast, T. Alternative organic substances for generation of carbon emitters for field desorption mass spectrometry 1-50262
 Rabsha, S.Ya., Ekmanis, Yu.A., Kalnins, D.O. Complex studies of radiation defects in alkali halide crystals at high temperature irradiation 1-48706
 Rabson, T.A. *see* Bienvenu, M.P. 1-1516
 Rabukhin, A.I. *see* Keshishyan, T.N. 1-16549
 Rabukhin, V.B. *see* Panikarsky, A.S. 1-44320
 Raby, S. *see* Dimopoulos, S. 1-497, 1-36835
 Racey, T.J. *see* Battey-Pratt, E.P. 1-5550
 Racey, T.J. *see* Millman, B.M. 1-43846
 Rachev, A.I. *see* Kas'yanov, V.A. 1-49042
 Rachev, I.B., Terziiska, O.K., Petrova, M.L. Method and device for therapy with constant and impulse vacuum 1-4385
 Rachford, F. *see* Spain, I.L. 1-28007
 Rachinger, W.A. *see* Zybert, J.J. 1-7226
 Rachinskas, V.S. *see* Parfenov, V.A. 1-12929
 Rachko, D. *see* Thornton, W.A. 1-44982
 Rackovskaja, T.M. Spectrophotometric study of eclipsing-variable system V599 Aql 1-17874
 Rackovskaja, T.M. Spectrophotometric study of the eclipsing binary AN And 1-32705
 Rachlin, I.W. *see* Barkow, A.S. 1-36487
 Rachman, A. *see* Jaouen, M. 1-24088
 Rachmat, B., Ariyadi, S., Michel, D. Control of the growth of the diffusional boundary layer on a rotating axisymmetric electrode of arbitrary shape in an Ostwaldian fluid 1-42009
 Racic, J. *see* Horvat, D.J. 1-32204
 Racine, R. Globular cluster systems in galaxies 1-36361
 Racine, R. *see* Elkouby, A. 1-23765
 Raciti, G. *see* Cunsolo, A. 1-50517
 Rack, E.P. *see* Kar-Chun To 1-48663
 Rack, H.J. Fracture mode transitions in aged ultra-high strength 18Ni (350) maraging steel 1-43512
 Rack, H.J., Headley, T.J. Stability of aged Ti-3Al-8V-6Cr-4Zr-4Mo 1-26474
 Rack, H.J., Yoshimura, H.R. Postmortem examination of a fire-exposed spent-fuel shipping cask 1-861
 Rack, H.J. *see* Myers, S.M. 1-7389
 Rackham, D.J. Fault locating instrumentation-optical fibres 1-41897
 Racki, D.J. *see* Greenaway, P.R. 1-45591
 Racz, B., Bor, Zs., Szatmari, S., Szabo, G. Comparative study of beam expanders used in nitrogen laser pumped dye lasers 1-51474
 Racz, B. *see* Bor, Zs. 1-19331
 Racz, Z. *see* Bhaduri, R.K. 1-14349
 Raczyński, A. Optical model for the scattering of indistinguishable molecules 1-37296
 Rad, F.N., Bertozzi, W., Kowalski, S., Sargent, C.P., Williamson, C.F., Hynes, M.V., Norum, B., Peterson, B., Sasunuma, T., Turcchinetz, W. Magnetic electron scattering from ^{181}Ta 1-23646
 Rad, F.N. *see* Kelly, J. 1-28388
 Rad, J.P. *see* Moriarty, K.J.M. 1-45375
 Rad, U. *see* von Rad, U.
 Radacs, E., Mojzes, I., Pfeifer, J. Comments on the properties of an $\text{NH}_4\text{OH}\cdot\text{H}_2\text{O}_2$ etch on epitaxial GaAs 1-21608
 Radaev, V.N. *see* Vasin, B.L. 1-44923
 Radan, M. *see* Radan, S. 1-40124
 Radan, S., Radan, M. Some petromagnetic methodological alternatives applied to the magnetic susceptibility study of the epimetamorphic schists from the Poiana Rusca Mountains. I. Patterns of vertical distribution of the susceptibility 1-40124
 Radasky, W.A. *see* Tumolillo, T.A. 1-34081
 Radautsan, S.I. *see* Arushanov, E.K. 1-42675
 Radautsan, S.I. *see* Lyalikova, R.Yu. 1-25280
 Radautsan, S.I. *see* Merkulov, A.I. 1-2967, 1-20851
 Radautsan, S.I. *see* Tsurkan, V.V. 1-20785
 Radautsan, S.I. *see* Vinogradov, E.A. 1-8062
 Radchenko, A.F. *see* Koschenko, V.I. 1-11882
 Radchenko, E.D., Sheina, G.G., Blagoi, Yu.P. Cryogenic-vacuum attachment for obtaining molecular complexes and performing spectrophotometric analysis 1-44943
 Radchenko, I.S. *see* Savost'yanova, M.V. 1-28110
 Radchenko, M.V. *see* Sizov, F.F. 1-2922
 Radchenko, R.V. *see* Vlasov, S.M. 1-11369
 Radchenko, V.V. *see* Kask, N.E. 1-31611
 Radchenko, Yu.F. *see* Bystrov, Yu.A. 1-18250
 Radda, G.K. *see* Gordon, R.E. 1-8956
 Radebaugh, R. *see* Fickett, F.R. 1-7775
 Radecky, G.M. *see* Derrick, M. 1-45261
 Radeka, V., Boie, R.A. Centroid finding method for position-sensitive detectors 1-28801
 Radelaar, S. *see* Mulder, A.L. 1-35321
 Radelaar, S. *see* Spit, F.H.M. 1-16178, 1-34572
 Radenkovic, D. *see* Stojcev, M. 1-230
 Radermacher, E. *see* Eggert, K. 1-14752
 Radewa, K. *see* Gantschewa, T. 1-8319
 Radford, D.C. *see* Hindi, M.M. 1-36913
 Radford, H.E. *see* Barnes, C.E. 1-37230
 Radford, S.F. *see* Gupta, S.N. 1-23479
 Radhakrishnan, M. *see* Balasubramanian, A. 1-28017
 Radhakrishna, S., Salagram, M. Electronic absorption spectra of VO_2^{2+} in ammonium oxalate monohydrate crystals 1-39129
 Radhakrishnan, M. *see* Mahalingam, T. 1-31090
 Radhakrishnan, M. *see* Paramasivan, K.R. 1-39037
 Radhakrishnan, M.K. *see* George, J. 1-34808
 Radhakrishnan, S., Ghista, D.N., Jayaraman, G. Mechanical analysis of the development of left ventricular aneurysms 1-49032
 Radhakrishnan, S. *see* Mehndur, P.C. 1-18321
 Radhakrishnan, T.P. *see* Chazhoo, J.S. 1-30432
 Radhakrishnan, T.S. *see* Hariharan, Y. 1-44933
 Radhakrishnan, T.S. *see* Umarji, A.M. 1-42884
 Radhakrishnan, V., Sharma, P.C. Electron-phonon interaction in P-, As-, and Sb-doped germanium in the intermediate concentration region 1-2579
 Radhakrishnan, V., Sharma, P.C. Thermal conductivity of single crystals of nitrates of barium strontium, and lead 1-16113
 Radhakrishnan, V.M. An analysis of low cycle fatigue based on hysteresis energy 1-39418
 Radhakrishnan, V.M., McEvily, A.J. A critical analysis of crack growth in creep 1-12874
 Radhakrishnan, V.M., McEvily, A.J. Time dependent crack growth in a titanium alloy 1-48500
 Radiation Res. Group High Background *see* High Background Radiation Res. Group
 Radice, C., Jr. *see* Morkoc, H. 1-7609
 Radiella, S.M., Restberg, V. Oxygen allotropes concentrations and electron density profiles in the nighttime D-region 1-40260
 Radimov, N.P. *see* Zhigun, I.G. 1-16822
 Radin, E.L., Rubin, C.T., Lanyon, L.E., Thrasher, E.L., Cugnola, A.M., Schiller, A.S., Paul, I.L., Rose, R.M. Femoral component loosening after total hip replacement 1-17446
 Radinski, R.P. Comments on 'Multiple-obstacle acoustic scattering in the simple source formulation with accuracy checks' [J. Acoust. Soc. Am. 66, 1536-41 (1978)] 1-1745
 Radio Group Solar *see* Solar Radio Group
 Radke, L.F., Hobbs, P.V., Eltgroth, M.W. Scavenging of aerosol particles by precipitation 1-22430
 Radke, L.F. *see* Hobbs, P.V. 1-4231, 1-22424
 Radkevich, A.V. *see* Gavrish, V.A. 1-18208
 Radkevich, E.A. The Pacific Ocean ore belt 1-32440
 Radkevich, E.V. Method of variation of the boundary in nonstationary filtering 1-19800
 Radkevich, I.A. *see* Abramov, B.M. 1-992
 Radkowsky, A., Dayan, A., Temkin, A.Y., Green, L. Optimization of once-through uranium cycle for pressurized light water reactors 1-5978
 Radkowsky, A. *see* Ronen, Y. 1-18818
 Radler, K.-H. Mean-field approach to spherical dynamo models 1-9359
 Radley, K. *see* Boden, N. 1-46997
 Radloff, W., Ritze, H.-H. Competition effects in Doppler-free intracavity polarization spectroscopy 1-14187
 Radmilovic, V. *see* Bozic, B. 1-16832
 Radojicic, D. *see* Allen, P. 1-14367, 1-36856, 1-36857
 Radojicic, D. *see* Blitschau, J. 1-10190
 Radojicic, D. *see* Deden, H. 1-28311
 Radojicic, D. *see* Fritze, P. 1-14431
 Radojicic, D. *see* Grassler, H. 1-50414
 Radok, U. *see* Baker, D.J., Jr. 1-13562, 1-13562
 Radom, L. *see* Bouma, W.J. 1-24034
 Radom, L. *see* Hinde, A.L. 1-10653
 Radom, L. *see* Pross, A. 1-19020
 Radomirsky, V.B. *see* Kaneti, J. 1-14886
 Radomsky, C. *see* Oettel, W. 1-20701
 Radomsky, M., Löffler, H. On the influence of short RT preaging on the formation of the η -phase in an Al-Zn(4.5 at.%) - Mg(2.5 at.%) alloy 1-21449
 Radomsky, M., Löffler, H., Lendvai, J., Ungar, T., Kovacs, I. A model of the effect of RT preaging on the nucleation of η -precipitation in Al-Zn-Mg alloys 1-21450
 Radomyel'skii, I.D., Kleitsov, V.N., Naparavolga, S.G., Deimontovich, V.B. Structure and properties of chromium steel powders 1-53248
 Radomyel'skii, I.D. *see* Vlasuyk, R.Z. 1-39277, 1-39281, 1-53140
 Radomyel'skii, R.Z. *see* Vlasuyk, R.Z. 1-21390
 Radomyel'skii, S.I. *see* Stoichev, M.I. 1-27283
 Radon, J.C. Fatigue crack growth in polymers 1-31589
 Radon, T. A field emission study of carbon on tungsten 1-16667
 Radon, T. Photo field emission spectroscopy of ^{13}P and $^{13}\text{O}(13)$ bands of tungsten 1-21330
 Radovic, A. *see* Sedmak, S. 1-53253
 Radovic, Z. *see* Dobrosavljevic, L. 1-20903
 Radovskii, I.Z. *see* Kudryatseva, E.D. 1-30712
 Radu, C., Winter, V., Rugina, I., Winter, G. Experimental study on brittle rock behaviour under pseudostatic uniaxial compressive load 1-27157
 Radulovic, R., Piera, J.B., Cassagne, B., Gros-siord, A., Boruchowitsch, G. The mobile arm support 1-4391
 Radushka, Z. Application of metal halogen light sources for movie shooting 1-45064
 Raduta, A.A., Ceausescu, V., Gheorghe, A., Dreizer, R.M. Boson description of ^{150}Pt and ^{152}Pt 1-45405
 Raduta, A.A. *see* Do Dang, G. 1-18571
 Radvanyi, P. *see* Bacheler, D. 1-23688
 Radvagin, Iu.B. Neighborhood of the leading edge of a plane pointed profile in supersonic flow 1-24838
 Radyakin, N.K. Normal oscillations of a rotating liquid drop 1-2003
 Radvyskin, A.V. *see* Efremov, A.V. 1-10214
 Radzewicz, C., Glowczewski, P., Sieradzian, A. Simple pulsed dye laser with 2 GHz linewidth 1-19357
 Radzhabov, E.A., Nepomnyashchikh, A.I. Temperature dependence of X-ray luminescence in LiF 1-48153
 Radzhabov, E.A. *see* Nepomnyashchikh, A.I. 1-12532, 1-35089
 Radzhabov, R.S. Encoder for proportional chambers 1-1036
 Radzhabov, T.D., Alimova, L.Y., Dyskin, V.G., Melkumyan, F.S. Influence of gas impurities on the interaction between hydrogen and palladium in a glow discharge 1-31903
 Radzhabova, Z.B. *see* Chistyakov, I.G. 1-30053
 Radziemski, L.J., Mack, J.M. Improved partition functions for neutral and singly ionized uranium 1-45842
 Radziemski, L.J. *see* Mack, J.M. 1-45885
 Radziemski, L.J., Jr. *see* Lyman, J.L. 1-19150
 Radzievskii, G.B. Backscattering coefficients of electrons 1-6119
 Radzievskii, V.N. Electromagnetic fluctuations in parametrically stable plasma 1-29877
 Radziszewska-Kepka, E. *see* Tomaszewski, H. 1-53307
 Rae, A.G.A. *see* Donovan, R.J. 1-29068
 Rae, H.K. *see* Langford, W.J. 1-23751
 Rae, J. *see* Winters, K.H. 1-42103
 Rae, J.M. *see* Smith, T. 1-24589
 Rae, W.D. *see* Shoter, A.C. 1-33251
 Rae, W.D.M. *see* Godwin, N.S. 1-33212
 Rae, W.D.M. *see* Proudfoot, G. 1-717
 Raedt, Ch. *see* De Raedt, Ch.
 Raedt, H. *see* De Raedt, H.
 Raetchi, V. *see* Bunget, I. 1-52823
 Raev, V.K. *see* Lyashenko, E.P. 1-52814
 Raev, V.K. *see* Starostin, Yu.V. 1-42988
 Raevskii, E.I. *see* Filippov, B.N. 1-38956
 Raevskii, E.V. *see* Dmitriev, V.G. 1-1574
 Raevskii, M.A. Nonlinear interaction of spiral density waves in flat galaxies 1-44646
 Raevskii, V.Ya. *see* Samokhvalov, A.A. 1-21209
 Rafael, E. *see* de Rafael, E.
 Rafailov, M.Kh. Determining the stationary area of a randomly inhomogeneous statistical surface 1-34562
 Rafailov, M.Kh. On scattering of falling irradiation on the sea surface section. Statistical method of the accuracy determination 1-54107
 Rafailovich, M.H. *see* Dafni, E. 1-36923
 Rafales-Lamarka, E.E. *see* Petrov, A.S. 1-11448
 Rafalowicz, J. *see* Bartkowski, K. 1-25835
 Rafalowicz, J. *see* Woloszewicz, D. 1-34676, 1-34677, 1-34678
 Rafanelli, P. *see* Vettolani, G. 1-49699
 Rafat, N.M., Elkotb, M.M., El-Refaie, M.F. Study of a multi-pass radiation fluid-heater exposed to non-uniform radiation 1-17264
 Rafelski, H. *see* Klein, A. 1-50526
 Rafelski, J., Danos, M. The importance of the reaction volume in hadronic collisions 1-18454
 Rafelski, J. *see* Hagedorn, R. 1-18455, 1-18590
 Rafelski, J. *see* Klein, A. 1-50526
 Rafert, J.B., Twigg, L.W. Observational determination of the gravity darkening exponent and bolometric albedo for close binary star systems 1-9578
 Rafert, J.B. *see* Twigg, L.W. 1-27557
 Rafert, J.B. *see* Wilson, R.E. 1-13809
 Raffaele, R.A., Story, H.S. A proton NMR study of water in hydrated sodium β -alumina 1-31042
 Raffus, G. *see* Kotzler, J. 1-20984
 Rafflenbeul, L. *see* Lennartz, H. 1-39839
 Raffnoss, Ch. *see* Hofert, M. 1-18905
 Rafikov, R.A. *see* Larionov, N.P. 1-19303
 Rafiq, M., Durand, J. Crystallographic study of monovalent metal phosphites 1-47054

- Rafizadeh, H.A.** Lattice dynamics of metal hydrides 1-47191
- Raftopoulos, D.D., Farahmand, B.** A semi-theoretical and experimental approach for the determination of the stress intensity factors 1-3877
- Ragab, A.M.** see Shaaban, M.A. 1-13604
- Ragadini, M.** see Bellazzini, R. 1-51061
- Ragan, C.E., III** Hugoniot measurements near 50 Mbar 1-38462
- Ragazzoni, A.** see Bruneau, N. 1-4300
- Rages, K.** see Pollack, J.B. 1-17785
- Raggazoni, A.** see Lynn, J.W. 1-38910
- Raghav, H.P.** Escape probabilities from two-dimensional rectangular geometry 1-36986
- Raghava Reddi, C., Krishna Moorthy, K., Krishna Murthy, B.V.** Signal statistics of equatorial nighttime ionospheric scintillations 1-13637
- Raghavan, M., Berkowitz, B.J.** Strain induced transformation in MP alloys 1-12756
- Raghavan, S., Rengarajan, S., Varadarajan, V.M.** Some experiences of radar observation of cyclonic storms in the southern Bay of Bengal 1-22437
- Raghavendra Rao, K.S.** see Gopinath, C.R. 1-37168
- Raghavendra Rao, P.** see Gambhir, Y.K. 1-41102
- Raghavendra, K.V.** see Kapur, K.D. 1-32256
- Ragheb, M.** see Greenspan, E. 1-41237
- Ragheb, M.M., Kulcinski, G.L.** Pulsed radiation damage in inertial confinement fusion stainless-steel first walls 1-18887
- Ragheb, M.M.H.** The lead-flux-trap molten-salt symbiotic-fusion blanket concept 1-50975
- Raghubathan, K., Rutledge, L.L., Segel, R.E., Meyer-Schuttmeyer, L.** Alpha particle capture through the giant electric resonances in ^{90}Zr 1-18660
- Raghubathan, K., Weil, R.** The effects of some plating variables on the structure of thin nickel electrodeposits 1-16210
- Raghubathan, P.** see Ganapathy, S. 1-16497
- Raghubathan, V.S., Sharma, B.D.** Self-diffusion in concentrated Fe-Al and Fe-Si alloys 1-52339
- Raghupathi, N.** see Plazek, D.J. 1-34389
- Ragiadakos, C.** A bag model derivation from the principle of gauge invariance 1-491
- Ragimov, A.S.** see Gasanly, N.M. 1-16570
- Ragimov, Ya.G.** see Abasov, S.A. 1-26124
- Ragl, A.** see Schloss, S.M. 1-50767
- Ragland, P.C.** see De Boer, J. 1-13445
- Ragland, T.V.** see Gaidos, J.A. 1-18656
- Ragnarsson, I.** Some applications of the shell correction method 1-10312
- Ragnarsson, I., Bengtsson, T., Leander, G., Aberg, S.** Nilsson-Strutinsky model of very high spin states 1-615
- Ragnarsson, I.** see Aberg, S. 1-50489
- Ragnarsson, I.** see Ekstrom, C. 1-5692
- Ragnisco, O.** see Bruschi, M. 1-9845, 1-9846, 1-9847, 1-28167
- Ragosta, J.M.** see Kirchner, H.P. 1-26597
- Ragozin, E.N.** Electron density in a laser jet 1-2215
- Ragozin, E.N., Plotkin, M.E.** Multiple use of wavefront reversal in laser systems 1-33756
- Ragsdell, K.M.** see Ahrens, F.W. 1-35711
- Rague Schleyer, P.** von see von Rague Schleyer, P.
- Raguin, V.V.** see Kazhikhov, A.V. 1-19666
- Ragul'skii, V.V.** Detection of slight absorption of light through wavefront inversion 1-51368
- Ragul'sky, V.V.** see Gulamiryan, A.L. 1-41762
- Raguotis, R., Reklaitis, A.** Dynamical response of electrons in GaAs in a higher electric field 1-38785
- Ragusa, F.** see Albini, E. 1-23999
- Rahal, G.** see Badier, J. 1-14430
- Rahaman, M.A., Sen Gupta, H.M.** Strong-absorption model for scattering of ^3He particles 1-50607
- Rahaman, M.N., Riley, F.L., Brook, R.J.** Mechanisms of densification during reaction hot-pressing in the system Si-Al-O-N 1-32922
- Rahe, J.** see Churchwell, E. 1-44613
- Rahe, J.** see Drechsel, H. 1-54548
- Raheb, M., Wagner, P.** A consistent set of trial functions for conical shells 1-24734
- Raheb, M.E.** see El Raheb, M.
- Rahiem, A.E.E.** Abdel see Abdel Rahiem, A.E.E.
- Rahimi, M.A., Friedlander, C.B.** Linguistic significance of myoelectric activities of lip musculature 1-32292
- Rahimullah, K., Khan, Z.A., Chaghtai, M.S.Z.** Spectrum of trebly ionized zirconium (Zr IV) 1-10682
- Rahimullah, K.** see Zainul Abedeen Kahn 1-45884
- Rahkonen, V.** see Fant, B. 1-50484
- Rahm, D.C.** see Diakonou, M. 1-10256
- Rahm, D.C.** see Kourkouvelis, C. 1-5665, 1-50474
- Rahman, A.** Simple and inexpensive test equipment for magnetic flux measurements in a ferromagnetic core 1-18257
- Rahman, A., Raven, M.S.** Electrical characteristics of RF-sputtered Al_2O_3 MIM structures 1-3076
- Rahman, A.** see Grest, G.S. 1-30043, 1-38478
- Rahman, A.** see Parrinello, M. 1-20112
- Rahman, H.U.** see Shukla, P.K. 1-24972
- Rahman, M.A.** see Lezoch, P. 1-28451
- Rahman, M.M., Jacquot, R.G., Quincy, E.A., Stewart, R.E.** Pattern recognition techniques in cloud research. II. Application 1-54231
- Rahman, M.M., Quincy, E.A., Jacquot, R.G., Magee, M.J.** Pattern recognition techniques in cloud research. I. Feature extraction and selection 1-54300
- Rahman, M.M.** see Quincy, E.A. 1-36072
- Rahman, T.S.** see Gould, R.D. 1-30753
- Rahman, T.S.** see Holmes, M. 1-8369
- Rahman, T.S.** see Camley, R.E. 1-43136
- Rahman, T.S.** see Stegeman, G.I. 1-52633
- Rahmat, G.** see Colomb de Daunant, I. 1-24289
- Rahmat-Samii, Y.** see Boersma, J. 1-29191
- Rahn, K.A., Joranger, E., Semb, A., Conway, T.J.** High winter concentrations of SO_2 in the Norwegian Arctic and transport from Eurasia 1-9215
- Rahn, L.A.** see Farrow, R.L. 1-51208
- Rahnmai, H., Zemel, J.N.** The PbS-Si heterojunction. III. Optical properties 1-30785
- Rahnmai, H., Zemel, J.N.** The PbS-Si heterojunction. II. Electrical properties 1-30816
- Rahnmai, H., Zemel, J.N.** Pyroelectric anemometers 1-42115
- Rahner, D.** see Worch, H. 1-39540
- Rai, A.P.** see Rastogi, R.P. 1-21773
- Rai, A.S.** see Ram, R. 1-2029
- Rai, D., Strickert, R.G.** Maximum concentration of actinides in geologic media 1-41213
- Rai, D.K.** see Mishra, G.P. 1-45931
- Rai, J.** Conductivity and electron density of the return stroke lightning 1-44229
- Rai, J.L.** see Desai, C.C. 1-3591, 1-53071, 1-53074
- Rai, L.N.** see Singh, T. 1-50003
- Rai, R.K.** see Deshpande, M.R. 1-54309
- Rai, S.B.** see Mishra, G.P. 1-45931, 1-51218
- Rai, S.B.** see Ram, R.S. 1-28990
- Rai, S.B.** see Tripathi, R. 1-41371
- Rai, S.N.** see Pugh, D. 1-15045
- Rai, V.N.** see Dass, I.M.L. 1-4939
- Raich, U., Blum, P., Meyer, M.** An azimuthal segmented cylindrical drift chamber system with two-dimensional readout 1-14743
- Raiche, A.P.** see Spies, B.R. 1-17556
- Raichel, D.R.** Recreational noise exposure—an occupational hazard for audio engineers 1-43880
- Raichenko, A.I.** see Burenkov, G.L. 1-38575
- Raiche, M.E.** see Ter-Pogossian, M.M. 1-32234
- Raidaru, A.** see Freiberg, A. 1-23343
- Raider, S.I., Forget, L.E.** Reversal of relative oxidation rates of (111) and (100) oriented silicon substrates at low oxygen partial pressures 1-8452
- Raider, S.I.** see Broom, R.F. 1-7778, 1-52715
- Raidt, H.** see Abele, J. 1-13573
- Raidt, H.** see Beer, M. 1-20220
- Raidy, T.E.** see Santry, D.P. 1-1101
- Raigorodskaya, T.G.** see Kozlov, A.P. 1-8906
- Raikes, S.** Telesismic evidence for velocity heterogeneity beneath the Rhenish Massif 1-4475
- Raikh, M.E.** see D'yakov, M.I. 1-10956
- Raikhbaum, Ya.D.** see Morgulis, T.E. 1-51922
- Raikhel', A.M., Likhtenshtein, V.N., Nepomnyashchii, O.A., Ivchenko, L.G.** Method of determining the microbrittleness of pyroceramics using luminescence flash detection 1-21663
- Raikhel', A.M., Likhtenshtein, V.N., Nepomnyashchii, O.A., Ivchenko, L.G.** Effect of bubbles and cavities on the strength of siltals 1-31561
- Raikhel', A.M., Likhtenshtein, V.N., Nepomnyashchii, O.A., Ivchenko, L.G.** Nature of fractures in pyrocerams 1-43507
- Raikhinshtein, V.E., Tsiv'yan, Ya.L., Ovsheichik, Ya.G.** Changes in the mechanical properties of intervertebral lumbar disks produced by prolonged static compression forces 1-32172
- Raikhman, A.Z.** see Apakhov, M.I. 1-16983
- Raimondi, M., Simonetta, M., Gerratt, J.** Theoretical study of the formation of acetylene from two CH fragments 1-31836
- Raimondi, M.** see Gatti, C. 1-37141
- Raina, M.K., Uppal, G.S.** Atmospheric emission measurements for rain attenuation using microwave radiometer at 11 GHz 1-13517
- Raine, C.** see Adamovich, M.I. 1-45317
- Raine, C.** see Aston, D. 1-14399, 1-45297, 1-50442
- Raine, C.** see Fiorino, A. 1-50583
- Raine, P.** see Chaboché, J.-L. 1-8339
- Raine, T.** see Pacher, O. 1-53132
- Rainer, F.** see Carniglia, C.K. 1-37528
- Rainer, F.** see Lowdermilk, W.H. 1-19405, 1-37529
- Rainer-Harbach, G.** see Hermann, G. 1-7074
- Rainer-Harbach, G.** see Lamparter, P. 1-52079
- Rainer-Harbach, G.** see Nold, E. 1-25177
- Raines, A.A.** Solution of the uniform pseudo-shock relaxation problem by discrete velocity method 1-51818
- Rainey, R.H., Burch, W.D., Haire, M.J., Unger, W.E.** Back-end fuel cycle costs for alternative fuels 1-23777
- Rainford, B.D.** see Verbeek, B.H. 1-25885
- Rainova, Yu.P.** see Chistyakov, Yu.D. 1-11988
- Rairden, J.R., Jackson, M.R., Ross, J.R., Seaman, W.A.** Plasma-sprayed alloys considered for an advanced concept for a gas turbine bucket 1-21643
- Rais, Kh.** see Aver'yanov, V.I. 1-39327
- Raisanen, K.** Proton, carbon, silicon and tin NMR studies on methyltrichlorosilane and methyltrichlorostannane in isotropic and anisotropic phases 1-24167
- Raisbeck, G.M., Yiou, F., Fruneau, M., Loiseaux, J.M., Lieuvin, M., Ravel, J.C., Reyss, J.M., Guichard, F.** ^{10}Be concentration and residence time in the deep ocean 1-32468
- Raisin, C.** see Alexandre, F. 1-2834
- Raistrick, I.D.** see Gur, T.M. 1-7381, 1-25499, 1-34504
- Raitala, J.** Tectonic implications of the mare-ridge pattern of the central parts of Oceanus Procellarum on the Moon 1-49546
- Raith, B.** see Trabert, E. 1-355
- Raith, B.** see Winter, H. 1-33417
- Raith, K.** see Glotz, G. 1-42097
- Raith, W.** see Baum, G. 1-28323
- Raith, W.** see Ferch, J. 1-41491
- Raith, W.** see Sinapius, G. 1-6386
- Raithby, G.D.** see Schneider, G.E. 1-18026
- Raithby, K.D.** Flexural fatigue behaviour of plain concrete 1-8411
- Raitsimring, A.M.** see Dzuba, S.A. 1-14946
- Raitt, I., Griffiths, A.M., Freedman, P.A.** Resonance fluorescence from nitrogen dioxide cooled in a supersonic jet 1-37231
- Raizer, Yu.P.** Channel arc model 1-2267
- Raizer, Yu.P.** see Generalov, N.A. 1-25083
- Raizman, A., Suss, J.T.** Electron paramagnetic resonance of Ir^{4+} ions in MgO and CaO 1-3254
- Raizman, A., Suss, J.T., Seidman, D.N., Shaltiel, D., Zevin, V.** EPR studies of the near-surface layer in a dilute gold-erbium alloy 1-34938
- Raizman, A.** see Laulicht, I. 1-26185
- Raj, D.** see Khare, S.P. 1-24250
- Raj, G.A.** Savari see Savari Raj, G.A.
- Raj, K., Grayson, M.A.** Mass spectroscopic studies of material evolution from magnetic liquid seals 1-9989
- Raj, K., Stahl, P., Bottenberg, W.** Magnetic fluid seals for special applications 1-36670
- Raj, P., Kulshreshtha, S.K.** Magnetically induced quadrupole interactions and anisotropic hyperfine fields at Fe-sites in RFe_2 -compounds 1-26083
- Raj, P.** see Kulshreshtha, S.K. 1-31070
- Raj, P.** Ernest see Ernest Raj, P.
- Raj, R., Chyung, C.K.** Solution-precipitation creep in glass ceramics 1-31522
- Raj, R., Ghosh, A.K.** Micromechanical modelling of creep using distributed parameters 1-38438
- Raj, R.** see Tsai, R.L. 1-26598
- Raj, R.K.** see Bloch, D. 1-37549
- Raj Pradeep** see Pradeep Raj
- Raja, M.R.** Lethal leakage current and the earth leakage circuit breaker 1-39906
- Raja Iyengar, K.T.** Sundara see Sundara Raja Iyengar, K.T.
- Raja Rao, K.S., Awade, S.T., Harindranathan Nair, M.V.** Dynamics of the lower stratosphere in the wave number domain in relation to monsoon activity 1-27230
- Rajagopal, A.K.** see Gupta, U. 1-18150
- Rajagopal, K.R., Wineman, A.** On constitutive equations for branching of response with selectivity 1-9837
- Rajagopal, K.R., Wineman, A.S.** A note on the temperature dependence of the normal stress moduli 1-30287
- Rajagopal, M.D.** see Rajendran, A. 1-54141
- Rajagopalan, K.S., Venkatachari, G.** Mechanism of corrosion of iron by hydrochloric acid and its inhibition by iodide and quinoline 1-26660
- Rajagopalan, S., Antonia, R.A.** Investigation of natural transition in the inlet region of a two-dimensional duct flow 1-11470
- Rajagopalan, S., Antonia, R.A.** Characteristics of a mixing layer of a two-dimensional turbulent jet 1-46793
- Rajaiha, K.** see Durelli, A.J. 1-19657
- Rajalakshmi, P.K., Shivaprakash, N.C., Shashidhara Prasad, J.** Infrared spectroscopic studies of the nematogenic homologous series p-(p-ethoxyphenylazo)phenyl alkanolates 1-16564
- Rajalakshmi, P.K.** see Shivaprakash, N.C. 1-15788, 1-16565
- Rajalakshmi, P.S.** Corrosion problems in thermal power stations 1-39519
- Rajamaki, M.** Reactor physics of sodium-cooled fast breeder reactors 1-50750
- Rajamani, A., Prabhakaran, R.** Response of composite plates to blast loading 1-19603
- Rajan, N.S.** Sunder see Sunder Rajan, N.S.
- Rajan, R., Khare, R.K.** Thermal expansion of the ceramic system $\text{Pb}_3\text{Ba}_2\text{Li}_2\text{Nb}_2\text{O}_{12}$ 1-11887
- Rajan, R.S., Brown, L., Tera, F., Whitford, D.J.** Lithium isotopic composition in some stony meteorites 1-22740
- Rajan, S.** see Lalit, B.Y. 1-13328
- Rajan, S.C.** see Krishnan, A. 1-17993
- Rajan, V.T.** see Feijoo, L. 1-12249

- Rajaram, R. *see* Bhargava, B.N. 1-44359
 Rajaram, R. *see* Mukherjee, G.K. 1-54323
 Rajasekaran, G. *see* Mani, H.S. 1-511
 Rajczy, P. *see* Kiss, Z. 1-13591
 Rajendran, A., Rajagopal, M.D., Reddy, C.V.G. Distribution of dissolved silicate in the Arabian Sea and Bay of Bengal 1-54141
 Rajendran, A.M. *see* Fyfe, I.M. 1-11351
 Rajendran, S. *see* Natarajan, A. 1-41453
 Rajeshwar, K., Dubow, J., Thapar, R. Radio-frequency electrical properties of Green River oil shales 1-40117
 Rajeshwar, K. *see* Singh, P. 1-42858
 Rajeshwara Rao, N. *see* Naik, P. 1-45967
 Rajeswaran, G. *see* Rajkanan, K. 1-43768
 Rajkanan, K., Anderson, W.A., Rajeswaran, G. Loss mechanism analysis in single-crystal and polycrystalline silicon MIS solar cells to produce 13% efficiency 1-43768
 Rajkovic, M., Buckley, R.A. Ordering transformations in Fe-50Co based alloys 1-35251
 Rajmani Singh, P., Rama Reddy, K. Dual modulation phase-lock technique for Mossbauer resonance spectroscopy 1-28140
 Rajnak, K., Couture, L. Parametric analysis of the energy levels of Nd^{3+} in frozen dilute aqueous solutions of neodymium chloride 1-52531
 Rajpoot, S. Electroweak unification of leptons with $\text{SU}(4)$ gauge symmetry 1-5554
 Rajpoot, S. Symmetry breaking and intermediate mass scales in the $\text{SO}(10)$ grand unified theory 1-14311
 Rajput, B.S., Parkash, O. Symmetries of fields associated with particles carrying electric and magnetic charges. I 1-45162
 Rajput, B.S., Purohit, K.D. Reduction of wave function associated with electromagnetic fields for imaginary mass system to standard helicity representation of Lorentz group 1-5099
 Rajput, B.S. *see* Joshi, D.C. 1-28245
 Raju, C.K. Classical time-symmetric electrodynamics 1-5118
 Raju, G. *see* Calla, O.P.N. 1-27166
 Raju, G.R. Govinda *see* Govinda Raju, G.R.
 Raju, I.V.K.B., Strecker, H., Strunk, H. Transmission electron microscopy of doped NaCl crystals 1-2640
 Raju, K. Venkatapathi *see* Venkatapathi Raju, K.
 Raju, M.R., Bain, E., Carpenter, S.G., Howard, J., Lyman, J.T. Cell-surface measurements as a function of depth for a high-energy argon-ion beam 1-43915
 Raju, M.R., Bain, E., Carpenter, S.G., Jett, J., Walters, R.A., Howard, J., Powers-Risius, P. Effects of argon ions on synchronized Chinese hamster cells 1-43914
 Raju, M.R., Johnson, T.S., Tokita, N., Carpenter, S., Jett, J., H. Differences in cell-cycle progression delays after exposure to ^{238}Pu α particles compared to X-rays 1-43907
 Raju, M.R. *see* Robertson, J.B. 1-4338
 Raju, P.K. *see* Dwivedi, B.N. 1-22763
 Raju, R.D. Ratna *see* Ratna Raju, R.D.
 Raju, S.B. *see* Rao, K.H. 1-34710
 Raju, V.K., Reddy, P.J. Third-order elastic moduli of polycrystalline Al-Mg and Al-Cu alloys 1-31517
 Raju, V.R. *see* Marin, G. 1-51729
 Rajvanshi, A.K. A scheme for large scale desalination of sea water by solar energy 1-8673
 Rajvanshi, S.C. *see* Singh, M. 1-24801
 Rajzmann, M. *see* Bollinger, J.-C. 1-24029
 Rak, L. *see* Drndarevic, S. 1-40984
 Rak, V.G., Dyubko, S.F. Stark effect in optically pumped molecular submillimeter lasers 1-33664
 Rakhecha, P.R. *see* Dhar, O.N. 1-4650, 1-22440
 Rakhimov, A.A. One class of magnetohydrodynamic flow 1-19827
 Rakhimov, A.T. *see* Kovalev, A.S. 1-52017
 Rakhimov, A.T. *see* Vasil'eva, A.N. 1-42247
 Rakhimov, R., Gaipov, S. Ion-electron emission by alkali-halide crystals in the near-threshold region of the potential energy of the system 1-31253
 Rakhimova, A. *see* Mirsaidov, U. 1-7334
 Rakhimova, A.G. *see* Azimov, S.A. 1-20789, 1-34785
 Rakhimova, I.Sh. *see* Altman, A.D. 1-4471
 Rakhman, M.M. *see* Aliev, N.N. 1-43019
 Rakhmanina, A.V. Nonmonotonic variation of carrier density in arsenic at pressures up to 120 kbar 1-2992
 Rakhmanov, A.L. *see* Mints, R.G. 1-7791
 Rakhmanov, V.I. *see* Gurevich, Yu.G. 1-12739
 Rakhmatulin, D.G., Rasulova, N.B., Agalarov, D.G., Panakhov, F.S., Nuriev, B.R. The experimental researches of transverse impact on the membrane floating on the surface of the liquid 1-38619
 Rakhmatulin, A.Z. *see* Torbov, V.I. 1-21399
 Rakhovskiy, V.I. *see* Nevrovskiy, V.A. 1-43702
 Rakhshbadi, A.G. *see* Konoplev, L.N. 1-21489
 Rakich, J.V. *see* Park, C. 1-17330
 Rakitin, S.P. *see* Varlamov, V.V. 1-37021
 Rakitin, Yu.V. *see* Eremin, M.V. 1-38924
 Rakitina, L.A. *see* Kozenkov, V.M. 1-29372
 Rakitskii, Yu.V. *see* Voskoboynikov, S.P. 1-38138
 Rakoch, T.A. *see* Ivensen, V.A. 1-39278, 1-53124
 Rakos, K.D., Jenken, H., Wood, J. UV observations and variability of alpha Andromedae 1-49681
 Rakos, M. *see* Murin, J. 1-52849
 Rakos, M. *see* Olcák, D. 1-15811
 Rakosch, K.D. *see* Weiss, W.W. 1-13773
 Rakov, L.T. *see* Moiseev, B.M. 1-31062
 Rakovskii, V.A. *see* Znachkovskii, O.Ya. 1-12870
 Rakowski, S. *see* Morris, F. 1-49088
 Raksanyi, K. *see* Polgar, K. 1-8211
 Rakshit, A.B. Collisional quenching rate coefficients for the reactions of $\text{N}_2^{+*} + \text{N}_2$, $\text{NO}^{+*} + \text{NO}$ and $\text{O}_2^{+*} + \text{O}_2$ at 300K 1-1341
 Rakshit, A.B. Reaction of the ground and metastable excited Cl^+ ions with several neutral molecules at 300K 1-12970
 Rakshit, A.B., Warneck, B. Thermal rate coefficients for reactions involving $^{23}\text{P}_{1/2}$ and $^{23}\text{P}_{3/2}$ argon ions and several neutral molecules 1-8550
 Rakshit, A.B., Warneck, P. Reactions of CO_2^+ , CO_2^+ and H_2O^+ ions with various neutral molecules 1-21716
 Rakshit, A.B., Warneck, P. A drift chamber study of the formation of water cluster ions in oxygen 1-37376
 Rakshit, A.B. *see* McCrumb, J.L. 1-8537
 Raldow, W.M. *see* Wentworth, W.E. 1-53640
 Rall, W. *see* Snell, A.H. 1-22987
 Rallison, J.M. *see* Fuller, G.G. 1-11481
 Rallison, R. Devices, tuning and quality control in dichromated gelatin (DCG) 1-15110
 Ralls, M.P. *see* New, R. 1-45880
 Ralph, B. *see* Ecob, R.C. 1-8313, 1-16781
 Ralph, E. *see* Garcia, M. 1-4996
 Ralph, J.C. $\text{BD} + 15^{\circ}4264$ 1-27523
 Ralston, L.M. Evaluation of an elastomer optical storage device 1-24477
 Ralston, L.M. An elastomer storage device 1-46245
 Ralston, L.M. *see* Weaver, S.E. 1-45052
 Ralston, M.A., Wait, R.J. Theory of low-frequency conductivity probing of roof structures in coal mines 1-32553
 Ram, A., Yadav, L. Evidence for upper mantle heterogeneity around 650 km depth beneath the Indian subcontinent 1-22300
 Ram, A.K. *see* Krachew, V.B. 1-2189, 1-34067
 Ram, B., Arafah, M. Bound-state Dirac eigenvalues for scalar potentials 1-33093
 Ram, B., Shirley, J. Half-off-shell t -matrix elements for Δ^0 S-wave energy-dependent potentials 1-5725
 Ram, K.S. *see* Bhat, S.R. 1-50712
 Ram, K.S. *see* Sharma, D.D. 1-18785
 Ram, K.S. *see* Sri Ram, K.
 Ram, N., Sundara Rao, I.S., Mehta, M.K. Relative transmission of 0.324- and 0.544-MeV positrons and electrons in Be, Al, Cu, Ag, and Pb 1-47130
 Ram, P.N., Dederichs, P.H. Thermal diffuse X-ray scattering of dilute alloys 1-43214
 Ram, R., Pandey, B.D., Rai, A.S. On the breakdown of acceleration waves in dissociating gas flows 1-2029
 Ram, R., Singh, H.N. Growth of discontinuities in chemically reacting relativistic fluids 1-11478
 Ram, R. *see* Singh, R.S. 1-6870
 Ram, R.S., Jagadish Singh Laboratory determination of rotational temperature of celestial SiO molecule 1-45936
 Ram, R.S., Rai, S.B., Upadhyay, K.N. The C^2H^+ $X^2\Sigma$ system of SrF molecule 1-28990
 Ram, R.S. *see* Singh, J. 1-45977
 Ram Babu, H.V. *see* Achutha Rao, D. 1-17694
 Ram Prakash *see* Jain, S.K. 1-17722
 Ram Rishi *see* Rishi Ram
 Rama Krishna Rao, C.V. *see* Gupta, H.K. 1-53998
 Rama Rao, J. *see* Bissem, H.H. 1-5766
 Rama Rao, K.V.S. *see* Karve, R.S. 1-51249
 Rama Rao, K.V.S. *see* Sastry, D.L. 1-7948
 Rama Rao, P.N. *see* Choudhury, R.K. 1-5809
 Rama Reddy, K. *see* Rajmani Singh, P. 1-28140
 Ramachandra Murty, A.S. *see* Selvam, A.M. 1-49372
 Ramachandra Rao, Ch.V.S. *see* Mezey, P.G. 1-10621
 Ramachandra Rao, N., Valsarajan, K.V. Saint Venant's principle in sandwich strip 1-37795
 Ramachandra Reddy, C.V., Ganesan, N., Rao, B.V.A. Response of unconstrained layer panels to random excitation at a point 1-37835
 Ramachandran, A. *see* Bhattacharya, G. 1-505
 Ramachandran, A.S. *see* Narasimham, V.L. 1-46127
 Ramachandran, G., Murthy, M.V.N., Mallesh, K.S. $\text{SU}(3)$ representation for the polarisation of light 1-15076
 Ramachandran, G., Rao, K.V., Krishna, K. An observational study of the boundary-layer winds in the exit region of a mountain gap 1-44266
 Ramachandran, K., Haridasan, T.M. The localised modes due to P defects in cadmium telluride 1-47197
 Ramachandran, K. *see* Sridharan, K.R. 1-26071
 Ramachandran, R. *see* Bajpai, R.P. 1-18439
 Ramachandran, T.V. *see* Lalit, B.Y. 1-13328
 Ramachandrarao, P., Lele, S. Entropy and free energy at the HCP-BCC transformation temperature in metals and alloys 1-25460
 Ramachandrarao, P. *see* Sastry, G.V.S. 1-26448
 Ramacher, U. Faddeev equations in the functional quantum theory 1-5509
 Ramadhar Singh *see* Mansingh, A. 1-20829
 Ramaiah, G.K. Flexural vibrations and elastic stability of annular plates under uniform in-plane tensile forces along the inner edge 1-24724
 Ramaiah, G.K., Irie, T., Yamada, G., Ito, F. Flexural vibrations of polar orthotropic sector plates with simply supported straight edges [with authors' reply] 1-6822
 Ramakrishna, J. *see* Chandramani, R. 1-21077, 1-33476
 Ramakrishna, J. *see* Shenoy, R.K. 1-12419, 1-26065
 Ramakrishna, J. *see* Sridharan, K.R. 1-26071
 Ramakrishna, K., Khosla, P.K., Rubin, S.G. Laminar natural convection along vertical corners 1-29696
 Ramakrishna, M., Banerjee, P.K., Sarkar, S.K., Dutta, H.N. Microwave line-of-sight link-tornado effect 1-13519
 Ramakrishna, M. *see* Sarkar, S.K. 1-4575
 Ramakrishna, T.V. *see* Murthy, N.S. 1-10680
 Ramakrishna, Y.V.S. *see* Aurnia, B. 1-16480
 Ramakrishna Rao, K. *see* Sangwal, K. 1-12905
 Ramakrishna Reddy, R. *see* Rao, T.V.R. 1-33530
 Ramakrishnan, J., Boehler, R., Kennedy, G.C. The Grueneisen parameter of sodium and potassium at high compressions 1-34451
 Ramakrishnan, J. *see* Boehler, R. 1-44145
 Ramakrishnan, R. A note on the reflection coefficients of higher order duct modes 1-24623
 Ramakrishnan, S., Nuon, B. Prediction of properties of free burning welding arc columns 1-7020
 Ramakrishnan, S. *see* Fang, M.T.C. 1-11621, 1-34155
 Ramakrishnan, T.V. *see* Abrahams, E. 1-47574
 Ramakrishnan, T.V. *see* Gadekar, S.N. 1-18169
 Ramalingam, S., Winer, W.O. Reactively sputtered TiN coatings for tribological applications 1-31683
 Ramamohana Rao, P., Babu, S.V., Subba Rao, V., Chalapati Rao, Y.V. V-V energy transfer studies in $\text{CO}_2(\text{v})$ -alcohols 1-51276
 Ramamonijsaio, A. Waves 1-49287
 Ramamurthy, V.S. *see* Kataria, S.K. 1-14467, 1-18565
 Ramamurti, V. *see* Sreenivasamurthy, S. 1-6823
 Ramamurti, V. *see* Srinivasan, V. 1-15393, 1-19618, 1-37826
 Ramana, A. *see* Krishna Murty, A.V. 1-6812
 Ramana, C.R.V., Rao, Y.P. Blocking highs over Asia and monsoon droughts over India 1-40177
 Ramana, P.V. *see* Iyengar, K.T.S.R. 1-19610
 Ramana, P.V. *see* Sundara Raja Iyengar, K.T. 1-29599
 Ramana, S. *see* Brown, G.E. 1-630
 Ramana, V. *see* Sundara Raja Iyengar, K.T.
 Ramana, V.V. Teaching Aristotelian physics through a dialogue 1-27745
 Ramana, V.V. Einstein centennial 1-32825
 Ramana, K.V.V. *see* Chandrasekhar, R. 1-40265
 Ramana, K.V.V. *see* Victor, P. 1-13628
 Ramana Murthy, P.V. *see* Gopalakrishnan, N.V. 1-13650
 Ramana Murty, Bh.V. *see* Khemani, L.T. 1-21954
 Ramana Murty, Bh.V. *see* Selvam, A.M. 1-49372
 Ramana Murty, S., Seshagiri Rao, T. Temperature dependence of internal friction in polycrystalline ferrites 1-30323
 Ramana Murty, T.V. *see* Soundalgekar, V.M. 1-24813
 Ramanamurti, D.V., Venkatacharyulu, P., Premaswarup, D. Temperature variation of NQR frequencies in 2,6-dichlorobenzamide 1-26070
 Ramanamurti, D.V. *see* Vijaya Kumar, K.K. 1-47968
 Ramanaand, A., Narayanamurthy, J.V.S.S., Ramji Rao, R. Second-order sublattice displacement in a hexagonal-close-packed lattice 1-38432
 Ramanantsizheha, P., Gresser, J., Schultz, G. Computations of drift velocities for chambers working in magnetic fields 1-23974
 Ramanarayanan, T.A., Worrell, W.L. The measurement of sulfur chemical potential differences using a calcium fluoride solid electrolyte 1-8577
 Ramanathan, K.R. *see* Hussain, N. 1-27125
 Ramanathan, N., Paron, J. Filters for chest radiography 1-43979
 Ramanathan, V. *see* Madden, R.A. 1-27248
 Ramani, K., Ghodgaonkar, A.M., Subramaniam, K. An approximate solution of the Voigt integral and its application to wide-line NMR spectrum of L-serine 1-12412
 Ramani, K., Srinivasan, R. Rotating crystal ESR cavity for angular variation studies at room temperature 1-28046
 Ramani, K. *see* Gogawale, S.R. 1-14833
 Ramani, N. *see* Gupta, V.K. 1-27050

- Ramaprian, B.R., Patel, V.C., Choi, D.H.** Mean-flow measurements in the three-dimensional boundary layer over a body of revolution at incidence 1°-51759
- Ramaprian, B.R., Shuen-Wei Tu** An experimental study of oscillatory pipe flow at transitional Reynolds numbers 1-11459
- Ramarao, I.** *see* Majumdar, C.K. 1-12324
- Ramasamy, P.** *see* Nagalingam, S. 1-20085, 1-52098
- Ramasamy, R., Sabapathy, K., Venkateswarlu, K.** Centrifugal distortion constants of some phosphorus (V) chlorofluorides 1-24103
- Ramasamy, S., Nagarajan, T., Umarji, A.M., Subba Rao, G.V.** Electronic properties of Chevrel phases by positron angular correlation 1-31226
- Ramaseshan, S.** *see* Narayan, R. 1-38721
- Ramasubramanian, N.** Oxidation and polarization measurements on zirconium and Zircaloy-2 in molten nitrite and nitrates at 573°K 1-35421
- Ramasubramanian, N.** An electrochemical model for oxide growth on Zircaloy-2 1-48570
- Ramaswami, A., Natarajan, V., Iyer, R.H.** Absolute yields of short-lived fission products in the thermal neutron induced fission of ²³⁵U and ²³⁹Pu 1-18690
- Ramaswami, B., Lau, T.W., Poon, G.** Microstructural stability and fatigue deformation in Cu and Al-0.7 at.% Mg single crystals 1-31649
- Ramaswami, B., Lau, T.W.F.** Fatigue softening of Al-Mg single crystals 1-31602
- Ramaswamy, C., Rao, V.S.** Record discharge and severe floods in the Godavari 1-36000
- Ramaswamy, C., Subba Rao, V.** Severe and catastrophic floods in the Tapi and the Narmada 1-17626
- Ramaswamy, R., Depisto, A.E.** Classical methods in molecular scattering: a continuous quantization procedure 1-29083
- Ramaswamy, R., Marcus, R.A.** On the onset of chaotic motion in deterministic systems 1-45822
- Ramaswamy, R., Marcus, R.A.** Perturbative examination of avoided crossings 1-46033
- Ramaswamy, R., Siders, P., Marcus, R.A.** Semi-classical quantization of multidimensional systems 1-37162
- Ramaswamy, S.** On the effectiveness of the Lanczos method for the solution of large eigenvalue problems 1-37834
- Ramaswamy, S.D., Aziz, M.A., Roy, S.K.** Corrosion protection of steel piles in marine environment 1-35416
- Ramaswamy, V., Chylek, P.** Shape of raindrops 1-9233
- Ramavaram, K., Larue, R., Turcotte, V., St.-Pierre, C., Ramavaram, S.** Study of the ¹B(p,n)¹C reaction below the giant dipole resonance in ¹²C 1-10362
- Ramavaram, S., Do Dang, G.** A coupled-channels treatment of the positive-parity resonances in ⁴He 1-23620
- Ramavaram, S.** *see* Ewbank, W.B. 1-32809
- Ramavaram, S.** *see* Ramavaram, K. 1-10362
- Ramayya, A.V.** *see* de Lima, A.P. 1-41033
- Ramayya, A.V.** *see* Nettles, W.G. 1-10354
- Ramayya, A.V.** *see* Piercy, R.B. 1-41030
- Ramazanov, K., Schegolev, S.Yu.** Assessment of the stability of the turbidity spectrum method to the effect of the dispersion of the particulate substance and the medium 1-4126
- Ramazanzade, A.M.** *see* Guseinov, G.D. 1-47026
- Ramazonov, A.Sh.** *see* Filippov, A.I. 1-44893
- Ramazov, A.A., Sikhralulidze, Yu.G.** A model for seasonal and latitudinal variations in the density of the Earth's atmosphere at heights of 0-150 Km 1-54175
- Rambaldi, E.R., Sears, D.W., Wasson, J.T.** Si-rich Fe-Ni grains in highly unequilibrated chondrites 1-9441
- Rambidi, M.G.** Chemical measurements and their metrological assurance 1-26800
- Rambidi, N.G.** *see* Abashkin, Yu.G. 1-6150
- Rambidi, N.G.** *see* Dement'ev, A.I. 1-14812
- Rambour, A.** *see* Marraud, A. 1-14201
- Ramdane, A.** *see* Chailis, L.J. 1-15997
- Ramdas, A.K.** *see* Grimditch, M.H. 1-21220
- Ramdas, A.K.** *see* Imano, W. 1-39091
- Ramdas, A.K.** *see* Jagannath, C. 1-48030, 1-52976
- Ramdas, S.** *see* Gramaccioli, C.M. 1-47072
- Ramdeen, T.** *see* Burman, M. 1-34702
- Rameau, J.J.** *see* Durand-Charre, M. 1-31452
- Ramella, M., Morossi, C., Santin, P.** Ultraviolet observations of the blue halo star: HD 93521 1-13766
- Ramendik, G.I., Derzhiev, V.I., Surkov, V.A., Ivanova, V.F., Grechishnikov, A.V., Sysoev, A.A., Oleinikov, V.A., Aleksandrov, V.A.** Real energy spread of ions produced in vacuum spark-discharge plasma 1-52007
- Ramer, O.G.** *see* Myer, J.H. 1-41882
- Ramesh, R.** *see* Srinivasan, G.M. 1-16142
- Ramesh, T.G.** *see* Subbha, V. 1-30726
- Ramesh Babu, V., Varkey, M.J., Kesava Das, V., Gouveia, A.D.** Water masses and general hydrography along the west coast of India during early March 1-54109
- Rameshan, P., Nair, S.C.K.** Collective modes in the generator coordinate method 1-33225
- Ramette, J.** *see* Platz, P. 1-50292
- Ramey, J.O.** *see* Rappaz, M. 1-43006
- Rami, F.** *see* Heusch, B. 1-45558
- Ramilison, J.M., Gebhart, B.** Buoyancy induced transport in porous media saturated with pure or saline water at low temperatures 1-19797
- Ramin, M.** *see* Tsou, S.C. 1-2475
- Ramirez, F.** *see* Medina, M. 1-9302
- Ramirez, J.J.** A versatile 0.5 TW electron beam facility for power conditioning studies of large rare-gas/halide lasers 1-29292
- Ramirez, J.J., Cook, D.L.** A study of low-current-density microsecond electron beam diodes 1-6061
- Ramirez, J.J.** *see* Humphries, S., Jr. 1-34092
- Ramirez, J.J.** *see* Shamu, R.E. 1-14457
- Ramirez, R.** *see* Synek, M. 1-6153
- Ramji Rao, R.** *see* Ramanand, A. 1-38432
- Ramkisson, H., Devanathan, R.** Drag invariance in microcontinuum fluid mechanics 1-6879
- Ramm, A.G., Dolph, C.L.** On the quasi-static boundary value problem of electrodynamics 1-18053
- Ramm, A.G., Taylor, V.A.** A new proof of absence of positive discrete spectrum of the schrodinger operator 1-78
- Ramm, A.G.** *see* Mishnaevsky, P.A. 1-9890
- Ramm, M.G., Mokhov, E.N., Verenchikova, R.G.** The kinetic dependence of nitrogen solubility in silicon carbide 1-38683
- Rammamurthy, V.S.** *see* Prakash, M. 1-36959
- Ramming, J.E.** *see* Hull, M.L. 1-49056
- Rammo, N.** *see* Demidov, A.M. 1-45447
- Ramon-Medrano, M., Pancheri-Srivastava, G., Sri-vastava, Y.** Bloch-Nordsieck regularization of Altarelli-Parisi equations 1-23412
- Ramonas, A.A., Ryabtsev, A.N.** Transitions between low-lying configurations in Ge VI 1-19059
- Ramonas, A.A., Ryabtsev, A.N.** Spectra of Mn VII-Cu XI ions of the K I isoelectronic series 1-33419
- Ramond, D.** *see* D'Hulst, J.-M. 1-44273
- Ramond, P.** SO₁₀ as a viable unification group 1-45195
- Ramos, J.** *see* Gonzalez *see* Gonzalez Ramos, J.
- Ramos, J.V.G., Carmona, P.** Infrared spectra and structure of L-Alanine 1-6260
- Ramos, M.T.** *see* Salgueiro, L. 1-6391
- Ramos, S.** *see* del Cerro, J. 1-26133
- Ramos-Gomez, F., Widom, B.** Noncritical interface near a critical point. II 1-27908
- Ramous, E.** *see* Principi, G. 1-12435
- Rampini, A.** *see* Brambilla, P. 1-4624
- Rampoldi, R.** *see* Maistrello, M. 1-13414
- Rampogni, G.** *see* Lazzaro, E. 1-38100
- Rampton, V.W., Wiscombe, P.C., Fletcher, J.R.** Acoustic paramagnetic resonance of Cr²⁺ in CaO 1-16479
- Rampton, V.W.** *see* Hasan, F. 1-15968, 1-15969
- Ramsak, V.** *see* Budnar, M. 1-28134
- Ramsayer, V.K., Mayer, M.** Three dimensional test net with approximately known heights 1-40043
- Ramsdell, J.V., Houston, S., Wegley, H.L.** Measurement strategies for estimating long-term average wind speeds 1-31980
- Ramsden, J.A.** *see* Moores, B.M. 1-8999
- Ramsden, S.A.** *see* Knight, R.C. 1-19351
- Ramsey, J.M., Whitten, W.B.** Multiphonon relaxation rates from delayed laser emission in Nd:YAG crystals 1-46355
- Ramsey, J.W.** *see* Eckert, E.R.G. 1-33956
- Ramsey, J.W.** *see* Sparrow, E.M. 1-37780
- Ramsey, L.W., Nations, H.L.** HR 1099 and the starspot hypothesis for RS Canum Venaticorum binaries 1-4940
- Ramsey, N.F.** *see* Forte, M. 1-28235
- Ramsey, N.F.** *see* Stuart, J.G. 1-15133
- Ramseyer, E.** *see* Dykes, M. 1-45784
- Ramshaw, J.D.** Functional derivative relations for a finite non-uniform molecular fluid in the canonical ensemble 1-11660
- Ramshaw, J.D.** Debye-Huckel theory for particles of arbitrary electrical structure 1-12445
- Ramshaw, J.D.** Dielectric saturation in dipolar fluids. I. The single-molecule distribution function 1-39029
- Ramsower, S.E.** *see* Sider, F.M. 1-785
- Ramussen, F.B.** Production of highly polarized solid ³He in a Pomeranchuk cell 1-2767
- Ramzaeva, N.A.** *see* Averb'yanov, P.N. 1-44945
- Ran Qi-ze** *see* Qian Yong-jia 1-5328
- Rana, S.S.** *see* Calla, O.P.N. 1-27166
- Rana, V.D.** *see* Gupta, S.K. 1-51710
- Ranachowski, J.** *see* Guzek, Z. 1-53258
- Ranada, A.F., Sierra, G.** Theory of the Rarita-Schwinger field without superluminality 1-23424
- Ranada, A.F., Usón, J., Vazquez, L.** Born-Infeld effects in the electromagnetic mass of an extended Dirac particle 1-23425
- Ranada, A.F., Vazquez, L.** Quantum mechanics and nonlinear classical fields 1-50301
- Ranada, A.F.** *see* Garcia, L. 1-5486
- Ranalli, G.** Transient creep in the upper mantle 1-32402
- Ranatta, S.** *see* Christie, A.M. 1-830
- Ranck, J.L., Zaccai, G., Luzzati, V.** The structure of a lipid-water lamellar phase containing two types of lipid monolayers. An X-ray and neutron scattering study 1-32091
- Rancoita, P.G.** *see* Albini, E. 1-23999
- Rancourt, J., Beauchamp, W.T., Silipo, G., Sachs, I., Contos, G.** Frosted solar cell covers 1-39783
- Rancourt, J.D.** *see* Beauchamp, W.T. 1-5363, 1-43775
- Rand, B.** *see* Jackson, J.D.J. 1-53326
- Rand, D.A.J.** Lead-acid traction batteries for electric road vehicle propulsion—directions for research and development 1-8700
- Rand, M.H., Potter, P.E.** Thermodynamics and phase diagrams of Mo-Pd-Ru and related systems 1-43316
- Rand, M.H.** *see* Adamson, M.G. 1-50760
- Rand, R.E., Smith, T.I.** Beam optical control of beam breakup in a recirculating electron accelerator 1-10572
- Rand, R.E.** *see* Sendorfi, A.M. 1-14559
- Randa, J.** Quark jets in pion diffractive dissociation 1-10268
- Randa, J.** *see* Mahanthappa, K.T. 1-45318
- Randa, J.** *see* Mahanthappa, K.T. (editor) 1-13903
- Randaccio, P.** *see* Ladu, M. 1-50947
- Randall, B.A.** *see* Van Allen, J.A. 1-40387, 1-40389
- Randall, C.M.** *see* Pluchino, A.B. 1-9245
- Randall, G.** *see* Roschart, R.G. 1-41210
- Randall, J.L.** *see* Decher, R. 1-44833
- Randall, J.T.** *see* Vaughan, J.M. 1-32180
- Randall, K.R.** *see* Meyer, B.A. 1-32049
- Randall, N.J.** *see* Turner, J.R. 1-49111
- Randall, R.B.** *see* Olesen, H.P. 1-27966, 1-33939
- Randall, R.B.** *see* Olesen, H.-P. 1-19662
- Randegger, A.K.** On the determination of the atmospheric ozone profile for ground based microwave measurements 1-22538
- Rander, J.** *see* Peyaud, B. 1-14758
- Randhawa, B.S.** *see* Brar, A.S. 1-52879
- Randhawa, H.S., Grewal, G.S., Arora, C.L., Sarin, V.N.** Structure and vibrational spectra of ethylthionformate 1-24130
- Randic, M.** Chemical shift sums 1-14929
- Randic, M.** Random walks and their diagnostic value for characterization of atomic environment 1-46157
- Randic, M., Wilkins, C.** Graph-theoretical analysis of molecular properties. Isomeric variations in nonanes 1-15029
- Randic, M.** *see* Bonchev, D. 1-51080
- Randich, E.** Low temperature chemical vapor deposition of TaB₂ 1-16702
- Randich, E., Gerlach, T.M.** The calculation and use of chemical vapor deposition phase diagrams with applications to the Ti-B-Cl-H system between 1200 and 800K 1-35244
- Randolph, J.E.** To encounter a star—the Solar Probe mission 1-4741
- Randolph, L.P.** *see* Mullin, J.P. 1-48851
- Randolph, M.L.** *see* Caswell, R.S. 1-14570
- Randone, G.** Composite semiconductor materials. [GaAs epitaxial deposition] 1-53088
- Randoshkin, V.V.** *see* Durasova, Yu.A. 1-21013
- Randoshkin, V.V.** *see* Ivanov, L.P. 1-25999
- Randrup, J.** Kaon rescattering in relativistic nuclear collisions 1-36879
- Randrup, J., Koonin, S.E.** The disassembly of nuclear matter 1-50537
- Randrup, J.** *see* Baran, A. 1-50679
- Randrup, J.** *see* Myers, W.D. 1-28505
- Randrup, J.** *see* Schroder, W.U. 1-33252
- Randzio, S., Tomaszewicz, I.** A flow calorimeter with active heat exchangers 1-18231
- Rane, A.T.** Electrodeposition of hafnium from the aqueous bath 1-48699
- Ranea Sandoval, H.F., Tocho, J.O., Gallardo, M., Garavaglia, M.** On the observation of the A-doubling in the O-O UV N₂ laser band 1-46023
- Raney, R.K.** SAR processing of partially coherent phenomena [radar imaging] 1-54294
- Ranagni, A.** *see* Bacci, M. 1-8122
- Ranagni, A.** *see* Mugnai, D. 1-12076
- Ranagni, A.** *see* Simkin, D.J. 1-48164
- Ranft, G., Ranft, J.** Polarization at high transverse momentum through weak interaction and its interference with strong interaction 1-18528
- Ranft, G.** *see* Ritter, S. 1-23504
- Ranft, J.** Particle production in soft and hard hadronic collisions. Is there evidence for hadronic constituents? 1-18392
- Ranft, J.** Particle production models, sampling high-energy multiparticulate events from inclusive single-particle distributions 1-18452
- Ranft, J.** The FLUKA and KASPRO hadronic cascade codes 1-18610
- Ranft, J., Ritter, S.** Charge-charge correlations and the detection of weak vector bosons by hadronic jets in pp and pp collisions at collider energies 1-45341
- Ranft, J.** *see* Perl, H. 1-14320
- Ranft, J.** *see* Ranft, G. 1-18528
- Ranft, J.** *see* Ritter, S. 1-23504
- Rang Le Quang** *see* Le Quang Rang

- Ranga Rao, M.P., Yadav, H.L. Some approximate analytical solutions for blast waves in solids 1-29608
- Ranga Reddy, R.N.V. see Murthy, V.R. 1-34227
- Ranga Swamy, T.N. see Berger, C. 1-5636
- Ranga Swamy, T.N. see Berger, Ch. 1-14404
- Rangacharyulu, M., Premaswarup, D. Vibrational spectra of substituted benzenes: bromonitroanisoles 1-45949
- Rangan, A., Aziz, E.S. Two stochastic models for fatigue failure of materials 1-37852
- Rangan, L.K. see Zissa, D. 1-33201
- Ranganath, T.R., Joseph, T.R., Lee, J.Y. The integrated optic spectrum analyzer—a first demonstration 1-41892
- Ranganath, T.R. see Chen, B. 1-24533
- Ranganathan, S. see Murthy, A.S.N. 1-41321
- Rangarajan, G. see Arunachalam, S. 1-44929
- Rangarajan, G. see Venkataraman, V. 1-52415
- Rangarajan, G.K. Global geomagnetic activity and IMF sector boundary passage 1-13391
- Rangarajan, G.K. Effect of increased geomagnetic activity on the diurnal variation of the equatorial geomagnetic field 1-54306
- Rangaswamy, S., Herman, H., Safai, S. Thermal expansion study of plasma-sprayed oxide coatings 1-20430
- Range, K.-J. see Abriel, W. 1-2408
- Rangin, C. see Juteau, T. 1-27151
- Rangnekar, S.S. see Enns, R.H. 1-6605, 1-41784
- Rani, N. see Vrat, S.C. 1-15988
- Rani, S. see Mehra, R.M. 1-2969, 1-52585
- Rani, U. see Garg, H.P. 1-39818, 1-43802
- Rani, U. see Malhotra, A. 1-32040
- Raniecki, B. Uniqueness criteria in solids with non-associated plastic flow laws at finite deformations 1-29563
- Ranieri, G. see Dalba, G. 1-24252
- Ranieri, G.A. see Momo, F. 1-33029
- Ranitzsch, K.H. see Diddens, A.N. 1-14747, 1-23998
- Ranitzsch, K.H. see Jonker, M. 1-10194, 1-14432, 1-45258
- Ranjian Roy Tapas see Tapas Ranjan Roy
- Ranjbar, F. see Rothe, E.W. 1-41439
- Ranjuk, Y.N. see Smirnov, A.N. 1-18972
- Rankel, K. see Petkovski, R. 1-14102
- Rankin, D.W.H., Todd, M.R., Riddell, F.G., Turner, E.S. The molecular structures of O-methylhydroxylamine, N-methylhydroxylamine, N,O-dimethylhydroxylamine and N,NO-trimethylhydroxylamine in the gas phase, determined by electron diffraction 1-46121
- Rankin, D.W.H. see Bett, W. 1-1402
- Rankin, D.W.H. see Boyd, A.S.F. 1-46142
- Rankin, D.W.H. see Cradock, S. 1-24257
- Rankin, J.H.G. see Stock, M.K. 1-13268
- Rankin, R.R., Self, S.A., Eustis, R.H. Study of the insulating wall boundary layer in a Faraday MHD generator 1-46930
- Rankin, W.H. see Cradock, S. 1-46125
- Ranklin, J.E., Barber, P.J., Aviss, B.G.L. Peripheral vision monitor: presenting displays at known positions in the visual periphery 1-44052
- Rannenbergh, M., Beer, H. Heat transfer by evaporation in capillary porous wire mesh structures 1-37912
- Ranninger, J. see Alexandrov, A. 1-47509
- Ransford, G.A., Finnerty, A.A., Collerson, K.D. Europa's petrological thermal history 1-36211
- Ransford, G.A., Kaula, W.M. Heating of the Moon by heterogeneous accretion 1-27405
- Ransford, G.A. see Finnerty, A.A. 1-32648
- Ransick, M., Shewmon, P. Effect of cold work on hydrogen attack 1-53266
- Ransmark, S.-E. Flat-plate solar collectors influence of design material and configuration on performance 1-17250
- Ransom, C.M. see van Vechten, J.A. 1-47544
- Ranson, W.F. see Schaeffle, J.A. 1-1786
- Ransone, G. see Gottgens, R. 1-50472
- Ranst, E. Van see Van Ranst, E.
- Ranta, H. see Novikov, Yu.P. 1-4720
- Ranta, H. see Oksman, J. 1-32584
- Ranta-Eskola, A. Effect of loading path on the formability of sheet metals 1-3778
- Ranta-Maunus, A.K., Achenbach, J.D. Stability of circumferential through-cracks in ductile pipes 1-14649
- Ranu, H.S. see Spittle, M.F. 1-26943
- Ranyuk, Yu.N. see Gann, A.V. 1-18645
- Ranyuk, Yu.N. see Kuznetsov, V.L. 1-41154
- Ranyuk, Yu.N. see Noga, V.I. 1-28711
- Ranz, E. Improvement of the photographic quality of colour negative film through the use of DIR coupler 1-5416
- Rao, A.P. Cryogenic metals and their properties 1-48471
- Rao, A.P. see Kundu, M.R. 1-4861, 1-49592
- Rao, A.S., Sawyer, C.D., Paradiso, F.M. A post-TMI review of small loss-of-coolant accidents (LOCAs) for a BWR 1-45678
- Rao, A.S., Shiralkar, B.S. Thermal-hydraulic models for BWR LOCA operator guidelines 1-28671
- Rao, A.Srinivasa see Srinivasa Rao, A.
- Rao, B.C.N. see Goel, M.K. 1-49442, 1-54307
- Rao, B.C.Syamala see Syamala Rao, B.C.
- Rao, B.K., Subhadra, K.G., Sirdeshmuh, D.B. Some thermal data on $\text{Bi}_2(\text{GeO}_4)_3$ and $\text{Bi}_2(\text{SiO}_4)_3$ crystals 1-38558
- Rao, B.K. see Satapathy, U.C. 1-15002
- Rao, B.Madhusudan see Madhusudan Rao, B.
- Rao, B.Madhusudhana see Madhusudhana Rao, B.
- Rao, B.M.L., Eustace, D.J., Shropshire, J.A. The Li/TiS₂ cell with LiSCN electrolyte 1-35643
- Rao, B.M.L., Millman, G.E. Thermal decomposition of LiSCN-containing lithium battery electrolyte 1-31846
- Rao, B.M.L. see Newman, G.H. 1-17069
- Rao, B.V.A. see Ramachandra Reddy, C.V. 1-37835
- Rao, B.V.Thirumala see Thirumala Rao, B.V.
- Rao, Ch.M. see Murty, P.S.N. 1-17582
- Rao, Ch.M. see Paropkar, A.L. 1-17581
- Rao, C.N.R., Sarma, D.D., Sarode, P.R., Sampathkumar, E.V., Gupta, L.C., Vijayaraghavan, R. Valence fluctuation in some Yb intermetallics by X-ray photoemission and X-ray absorption 1-29034
- Rao, C.N.R., Srinivasa, A., Jagannathan, K., Hegde, M.S. Electron energy loss spectroscopy of free molecules 1-4132
- Rao, C.N.R. see Bose, M. 1-3270
- Rao, C.N.R. see Chakrabarti, P. 1-52126
- Rao, C.N.R. see Jagannathan, K. 1-16182
- Rao, C.V. see Verma, R.K. 1-22203
- Rao, C.Visweswara see Visweswara Rao, C.
- Rao, C.V.H.N., Crestella, M.C., Wald, R.V., Ravi, K.V. Imperfections and impurities in EFG silicon ribbons 1-2358
- Rao, C.V.L.Narasimha see Narasimha Rao, C.V.L.
- Rao, C.V.Rama Krishna see Rama Krishna Rao, C.V.
- Rao, Ch.V.S.Ramachandra see Ramachandra Rao, Ch.V.S.
- Rao, D.A., Babu, H.V.R. Properties of the 'relation figure' between the vertical and the horizontal field magnetic anomalies over a long horizontal cylindrical ore body 1-32345
- Rao, D.Achuta see Achuta Rao, D.
- Rao, D.Gopala see Gopala Rao, D.
- Rao, D.M.Madhusudhana see Madhusudhana Rao, D.M.
- Rao, D.N.Madhusudhana see Madhusudhana Rao, D.N.
- Rao, D.R.K. see Bhargava, B.N. 1-54308
- Rao, D.R.V.Prasada see Prasada Rao, D.R.V.
- Rao, D.V.Krishna see Krishna Rao, D.V.
- Rao, G.M., Elwell, D., Feigelson, R.S. Electrowinning of silicon from K_2SiF_6 -molten fluoride systems 1-21369
- Rao, G.N. see Verma, H.C. 1-12441
- Rao, G.V. see Gopinathan, M.S. 1-1106
- Rao, G.Venkateswara see Venkateswara Rao, G.
- Rao, G.V.Subba see Subba Rao, G.V.
- Rao, G.V.S.Poornachandra see Poornachandra Rao, G.V.S.
- Rao, H.V. An apparatus for determining thermal conductivity of cryogenic insulating materials 1-5325
- Rao, H.V. Three channel heat exchanger 1-44930
- Rao, H.V. see Prasad, R.C. 1-44931
- Rao, I.S.Sundara see Sundara Rao, I.S.
- Rao, J.Rama see Rama Rao, J.
- Rao, J.V.Muralidhar see Muralidhar Rao, J.V.
- Rao, K.H., Raju, S.B., Gupta, R.G., Mendiratta, R.G. DC resistivity of indium doped Mn-Zn ferrites 1-34710
- Rao, K.J., Sundar, H.G.K. Electrical conductivity studies in $\text{K}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-ZnSO}_4$ glasses and the mixed alkali effect 1-42570
- Rao, K.J. see Bursill, L.A. 1-36076
- Rao, K.Krishna see Krishna Rao, K.
- Rao, K.K.P., Mohapatra, N.C. Quadrupole anti-shielding factors for the free halogen ions 1-45831
- Rao, K.K.Prasad see Prasad Rao, K.K.
- Rao, K.N. see Rao, M.H. 1-53440
- Rao, K.Narahari see Narahari Rao, K.
- Rao, K.P. Stress concentrations around discontinuities in thin cylindrical and spherical shells 1-6777
- Rao, K.Prabhakar see Prabhakar Rao, K.
- Rao, K.R., Chaplot, S.L. Lattice dynamics of KNO_3 , LiNbO_3 and KNbO_3 1-20330
- Rao, K.Ramakrishna see Ramakrishna Rao, K.
- Rao, K.R.P.M. see Lo, C. 1-21347
- Rao, K.Subba see Subba Rao, K.
- Rao, K.Suryanarayana see Suryanarayana Rao, K.
- Rao, K.S.Raghavendra see Raghavendra Rao, K.S.
- Rao, K.S.Raja see Raja Rao, K.S.
- Rao, K.V., Malmhall, R., Bhagat, S.M., Backstrom, G., Chen, H.S. Magnetic and transport properties of transition-metal based glassy ribbons 1-7587
- Rao, K.V., Polonis, D.H. Deformation substructures and fracture behavior of Cu-Si alloys subjected to dynamic loading conditions 1-26554
- Rao, K.V. see Figueroa, E. 1-12273
- Rao, K.V. see Gun, H.B. 1-47994
- Rao, K.V. see Gundimondson, H. 1-12098
- Rao, K.V. see Gupta, A.K. 1-3439
- Rao, K.V. see Kistaiah, P. 1-47648
- Rao, K.V. see Moorjani, K. 1-30957
- Rao, K.V. see Patel, A.R. 1-38681
- Rao, K.V. see Ramachandran, G. 1-44266
- Rao, K.V. see Yeshurun, Y. 1-7839
- Rao, K.V.Krishna see Krishna Rao, K.V.
- Rao, K.V.Subba see Subba Rao, K.V.
- Rao, K.V.S.Rama see Rama Rao, K.V.S.
- Rao, L.Madhav see Madhav Rao, L.
- Rao, L.V.Gangadhara see Gangadhara Rao, L.V.
- Rao, M., Srivastava, O.N. Electrical transport characteristics of lead iodide polycrystalline 1-25731
- Rao, M.G.Seshagiri see Seshagiri Rao, M.G.
- Rao, M.H., Rao, K.N. Radiation initiated polymerisation of trioxane. I 1-53440
- Rao, M.Kondala see Kondala Rao, M.
- Rao, M.M. see Reddy, D.S. 1-45463
- Rao, M.N. see Bhandari, N. 1-44401
- Rao, M.N. see Venkatesan, T.R. 1-17803
- Rao, M.P.Ranga see Ranga Rao, M.P.
- Rao, M.S. see Murthy, B.S. 1-22612
- Rao, M.Srirama see Srirama Rao, M.
- Rao, N.A.P. see Biswas, S. 1-26634
- Rao, N.D.J. see Khattri, K. 1-54260
- Rao, N.Jagan see Jagan Rao, N.
- Rao, N.J.M., Mascarenhas, A.S., Jr., Yamazaki, Y. Air-sea interaction studies at Cabo Frio, Brazil 1-13485
- Rao, N.J.Mohana see Mohana Rao, N.J.
- Rao, N.K. see Daftari, I.K. 1-45370
- Rao, N.K. see Kaul, G.L. 1-33267
- Rao, N.Kameswara see Kameswara Rao, N.
- Rao, N.N. see Varma, R.K. 1-11543
- Rao, N.Rajeshwara see Rajeshwara Rao, N.
- Rao, N.Ramachandra see Ramachandra Rao, N.
- Rao, N.S.Lakshmana see Lakshmana Rao, N.S.
- Rao, P.Krishna see Krishna Rao, P.
- Rao, P.Mohan see Mohan Rao, P.
- Rao, P.N.Rama see Rama Rao, P.N.
- Rao, P.P., Tiwari, R.N. Stationary Brans-Dicke vacuum solutions from static cylindrically symmetric zero-mass fields 1-148
- Rao, P.R., Abdullah, F.H. On the choice of reference wavelength and reference index in the visible spectrum for some polarizing crystals 1-41797
- Rao, P.Raghavendra see Raghavendra Rao, P.
- Rao, P.Ramamohana see Ramamohana Rao, P.
- Rao, P.V. see Berkheiser, V.E. 1-50106
- Rao, P.Veerabhadra see Veerabhadra Rao, P.
- Rao, P.Ramji see Ramji Rao, P.
- Rao, R.S.Sreenivas see Sreenivas Rao, R.S.
- Rao, S. Solar energy: UNIDO programme of action for developing countries 1-21854
- Rao, S.Balachandra see Balachandra Rao, S.
- Rao, S.K.Lakshmana see Lakshmana Rao, S.K.
- Rao, S.N., Dam, A.S., Maus, F.G. Detonation flame arrestor development testing for Oyster Creek Nuclear station 1-50841
- Rao, S.Narasinga see Narasinga Rao, S.
- Rao, S.P., Gnielinski, V. Mass transfer in a packed bed of Raschig rings at low Peclet numbers 1-2075
- Rao, S.P.Mallikarjun see Mallikarjun Rao, S.P.
- Rao, S.S., Reddy, E.S. Optimum design of stiffened cylindrical shells with natural frequency constraints 1-37819
- Rao, S.V.Seshagiri see Seshagiri Rao, S.V.
- Rao, T.K.Gundu see Gundu Rao, T.K.
- Rao, T.Satyanarayana see Satyanarayana Rao, T.
- Rao, T.Seshagiri see Seshagiri Rao, T.
- Rao, T.V.R., Reddy, R.R., Ramakrishna Reddy, R. Dissociation energy of Si_2 molecule 1-33530
- Rao, U.R., Alex, T.K., Iyengar, V.S., Kasturirangan, K., Marar, T.M.K., Mathur, R.S., Sharma, D.P. IR observations of the solar corona—a ring around the Sun? 1-49595
- Rao, U.R.K. see Sastry, M.D. 1-42532
- Rao, U.V.Subba see Subba Rao, U.V.
- Rao, V.Bhaskara see Bhaskara Rao, V.
- Rao, V.Brahmaji see Brahmaji Rao, V.
- Rao, V.K., Bhargava, V.K., Marathe, S.G., Iyer, R.H., Datar, V.M., Baba, C.V.K. A radiochemical investigation on the existence of polynuclear nuclei in the thermal neutron fission of ^{235}U 1-53511
- Rao, V.Kuppu see Kuppu Rao, V.
- Rao, V.S. see Ramaswamy, C. 1-36000
- Rao, V.Seshagiri see Seshagiri Rao, V.
- Rao, V.Subba see Subba Rao, V.
- Rao, V.Venkateswara see Venkateswara Rao, V.
- Rao, V.Visweswara see Visweswara Rao, V.
- Rao, Y.L., Mande, C. X-ray K absorption discontinuity in crystalline and amorphous arsenic 1-35117
- Rao, Y.P. see Raman, C.R.V. 1-40177
- Rao, Y.V., Davis, A., Spencer, T., Filz, R.C. Diameter evolution of proton tracks in CR-39 detector 1-51047
- Rao, Y.V.Chalapati see Chalapati Rao, Y.V.
- Rao Gudimetla, V.S. see Holmes, J.F. 1-41579
- Rao Kaza, B. see Bhushan, S. 1-52997
- Rao Meera see Meera Rao
- Raoms, S., del Cerro, J., Zamora, M. Specific heat of triglycine sulfate at several applied electric fields near the critical temperature 1-7350

- Raouf, A.S.M., Jones, J.D.C., Birkinshaw, K., Twiddy, N.D. Reactions of CO_2^{+} at thermal energies 1-43665
- Raouf, A.S.M. see Jones, J.D.C. 1-43651
- Raoult, A. see Kane, S.R. 1-22752
- Raoult, A. see Pick, M. 1-4879
- Raoult, M., Jungen, Ch., Dill, D. Photoelectron angular distributions in H_2 : calculation of rotational-vibrational preionization by multichannel quantum defect theory 1-19141
- Raoux, D., Sadoc, J.F., Lagarde, P., Sadoc, A., Fontaine, A. Local structure in a Cu_2Ti amorphous alloy by EXAFS and X-ray scattering 1-30087
- Rapa, A.C. Surface migrating particulate contamination in clean rooms 1-53734
- Rapaport, D.C., Scheraga, H.A. Monte Carlo studies of oligopeptide conformation 1-39874
- Rapaport, J. see Grabmayr, P. 1-23656
- Rapaport, J. see Horen, D.J. 1-50568
- Rapaport, M.S. see Lovett, A. 1-23990
- Rapetti, M. see Dellacasa, G. 1-14766
- Rapier, A.C., Jones, T.M. Forced convection heat transfer from rib-roughened pins tested singly and in a cluster of seven 1-5840
- Rapier, A.C., Jones, T.M. The prediction of temperatures in a cluster of seven rib-roughened heated pins 1-5841
- Rapin, D. see Besset, D. 1-10375
- Rapin, F. see Bergerioux, C. 1-35973
- Rapin, M. Reprocessing—experience and outlook 1-41221
- Rapin, M., Barre, J.Y. Breeder reactors and non-proliferation 1-18876
- Rapisarda, V.A. see Pappalardo, L. 1-6409
- Rapoport, L.P., Lisitsyn, V.I. Vibrational excitation of diatomic molecules during resonance scattering of slow electrons 1-29128
- Rapoport, L.P. see Agre, M.Ya. 1-29094
- Rapoport, L.S., Petrov, Yu.N. Features of friction and wear of certain metals and alloys 1-31675
- Rapoport, S.M., Busalaeva, V.A., Busalaeva, E.N., Grebenkin, V.A. Effect of the mechanism of decomposition of the solid solution during aging on the properties of steel 10Kh12N20T2Sh 1-43380
- Rapoport, V.E. see Ivanov, A.G. 1-31976
- Rapoport, V.O. see Grach, S.M. 1-51951
- Rapoport, Z.Ts. see Krasovskiy, V.I. 1-4688
- Rapp, H. see Niedermeyer, H. 1-25040
- Rapp, H. see Schramm, B. 1-19125
- Rapp, L.M., Williams, T.P. The role of ocular pigmentation in protecting against retinal light damage 1-35892
- Rapp, O. see Linde, J.O. 1-12090
- Rapp, R. see Reddy, S.N.S. 1-2698
- Rapp, R.A. see Gupta, D.K. 1-20386
- Rapp, R.A. see Reddy, S.N.S. 1-11869
- Rapp, R.H. A comparison of altimeter and gravimetric geoids in the Tonga Trench and Indian Ocean areas 1-17546
- Rappaport, D.S., Brown, J.M. A study of the mechanism by which localized preinoculation irradiation enhances the rate of lymphatic spread 1-26953
- Rappaport, P. see Costello, D. 1-39778
- Rappaport, S. see Kelley, R.L. 1-49713
- Rappaport, S. see Li, F.K. 1-17907
- Rappaz, M., Abraham, M.-M., Ramey, J.O., Boatner, L.A. EPR spectroscopic characterization of Gd^{3+} in the monazite-type rare-earth orthophosphates: LaPO_4 , CePO_4 , PrPO_4 , NdPO_4 , SmPO_4 , and EuPO_4 1-43006
- Rappaz, M. see Boatner, L.A. 1-41214
- Rappe, G.H., Hohbach, A.C., Jensen, R.A. Challenges of Tokamak Fusion Test Reactor (TFTR) maintenance 1-6031
- Rappeneau, T. see Theye, M.-L. 1-12108
- Rapson, H.D. Cold metal spray bond-strength tensometer 1-4044
- Rapson, H.D.C. see Heelis, P.F. 1-21750
- Raptis, A., Massalas, C., Kafousias, N. An exact solution of Navier-Stokes equations for conical tubes 1-51873
- Raptis, A.B. see Kafousias, N.G. 1-37902
- Rardin, R.R. see Kim, R.L. 1-36984
- Rarenko, I.M. see Freik, D.M. 1-43265
- Rarenko, I.M. see Mel'nikhuk, I.V. 1-38434
- Rarenko, I.M. see Remenyuk, P.I. 1-2583
- Rarig, P.L. see Twitty, J.T. 1-13571
- Rasaiah, J.C. see Eggbrecht, J.M. 1-11647
- Rasch, D.M. see Rabe, J.A. 1-43804
- Rasch, K.-D., Roy, K. Aspects of large area and thin silicon solar cell technologies 1-39789
- Rasch, K.-D. see Friedrich, G. 1-39792
- Rasch, K.-D. see Schilling, R. 1-39795
- Raschi, A., Mugnoz, S. Evapotranspiration measurement by means of surface temperature 1-4664
- Raschke, E. see Metzger, G. 1-36089
- Rasche, P. Calculation of soil moisture indexes in the Gardon d'Anduze catchment area from meteorological data 1-49300
- Raseev, G. Third version of a program for calculating the static interaction potential between an electron and a diatomic molecule 1-6380
- Raseev, G. Electron scattering by closed or open shell diatomic molecules 1-10838
- Raseev, G. see Lorquet, J.C. 1-19148
- Rasello, F. see Milana, E. 1-40756
- Rasetti, M. see Buzano, C. 1-21138, 1-52951
- Rashba, E.I. Vibronic spectra of molecular crystals: dynamic theory and comparison with experiment 1-35072
- Rashba, E.I. see Bychkov, Yu.A. 1-47489
- Rashba, E.I. see Kusmartsev, F.V. 1-47592
- Rashev, S. see Kanecheva, L. 1-41351
- Rashevskaya, E.P. see Belov, A.G. 1-26294
- Rashid, H. see Saleem, M. 1-45344
- Rashid, K., Fricke, B. Contribution of the exact Breit operator plus the electron state-dependent screening to the multiplet and fine structure of muon-electron atoms 1-19218
- Rashid, M.A. Lattice Green's functions for cubic lattices 1-5246
- Rashid, M.S. High-strength, low-alloy steels 1-12957
- Rashid, S.A. SU₂ group and mass spectrum of T particle 1-45366
- Rashidi, M. The sensitivity of elementary reactions for hydrogen-oxygen in a well stirred reactor 1-17317
- Rashkov, St. see Nanev, C.N. 1-43609
- Rashkovich, L.N. see Bobylev, A.V. 1-3598
- Rashkovich, L.N. see Dmitriev, V.G. 1-1574
- Rashkovich, L.N. see Ivanova, Z.I. 1-6617
- Rashleigh, S.C. Magnetic-field sensing with a single-mode fiber 1-37623
- Rashleigh, S.C., Burns, W.K. Dual-input fiber-optic gyroscope 1-11108
- Rashleigh, S.C., Taylor, H.F. Beamforming fibre optic sensor 1-37615
- Rashmi see Pillai, P.K.C. 1-45041
- Rashwan, A.H. see Yousef, A.-B.M. 1-13300
- Rasigni, G. see Rasigni, M. 1-20527, 1-42843
- Rasigni, M., Palmari, J.P., Rasigni, G. Addendum to: Surface structure autocorrelation functions and their Fourier transforms for rough deposits of magnesium 1-20527
- Rasigni, M., Rasigni, G., Palmari, J.P., Lebaria, A. Surface plasmon and autocorrelation function for rough surfaces of silver deposits 1-42843
- Rasigni, M. see Petrakian, J.P. 1-39171
- Rasin, W.H. see Johnson, W.R. 1-18915
- Rasing, Th. see Janner, A. 1-30187
- Rasiyah, P. see Tseung, A.C.C. 1-39650
- Raskatova, T.A. see Goncharov, V.A. 1-15589
- Raskolenko, L.G., Maksimov, Yu.M., Lepakova, O.K., Ziatdinov, M.Kh., Merzhanov, A.G. Structure formation in the product of vanadium combustion in nitrogen 1-21727
- Rasmussen, C. see Modares, M. 1-50835
- Rasmussen, E. see Lading, L. 1-44350
- Rasmussen, F. see Schnorr, P. 1-26914
- Rasmussen, G. see Merrick, D. 1-43828
- Rasmussen, G. see Taniguchi, H.H. 1-19506
- Rasmussen, J. see Moberg, L. 1-5956
- Rasmussen, J.J. see Janssen, P.A.E.M. 1-51941
- Rasmussen, J.J. see Karpman, V.I. 1-6960
- Rasmussen, J.J. see Lynov, J.P. 1-19953
- Rasmussen, J.O. see Ma, Z.Y. 1-18691
- Rasmussen, J.R. see Gordon, R.S. 1-17193
- Rasmussen, K. On the calculation of the structure of tris-(tert-butyl)-methane 1-51255
- Rasmussen, K.V., Pedersen, O.B. Fatigue of copper polycrystals at low plastic strain amplitudes 1-8403
- Rasmussen, K.V., Pedersen, O.B. Cyclic deformation of copper polycrystals 1-31569
- Rasmussen, L.E. see Rasmussen, R.A. 1-40168
- Rasmussen, N.C. see Karimi, R. 1-50837
- Rasmussen, R.A., Khalil, M.A.K., Penkett, S.A., Prosser, N.J.D. CHClF₂ (F-22) in the Earth's atmosphere 1-17332
- Rasmussen, R.A., Rasmussen, L.E., Khalil, M.A.K., Dalluge, R.W. Concentration distribution of methyl chloride in the atmosphere 1-40168
- Rasneur, J., Carton, D. Modifications of isothermal variations of electrical conductivity of manganese sulfide as functions of additions of chromium, titanium and vanadium. Realisation of sulfur partial pressure probe constituted by manganese sulfide mixed with 1% of vanadium 1-7607
- Rasolt, M. see Geldart, D.J.W. 1-20951
- Rasolt, M. see Perrot, F. 1-30253
- Raspet, R. see Meister, R. 1-27156
- Rasponin, A.S. see Zvykov, P.G. 1-24918
- Raspopov, O.M. see Novikov, Yu.P. 1-4720
- Rassat, A. see Brunel, Y. 1-46158
- Rassi, D., Ross, K.J. The ejected-electron spectrum of barium vapour autoionising and Auger levels excited by 20-500 eV electrons 1-24261
- Rasskazov, A.O. see Dekhtyar', A.S. 1-29560
- Rassokhin, T.T. see Khatyar, E.Yu. 1-3496
- Rassokhin, V.A., Prekul, A.F., Gren', B. Low-temperature minimum of electrical resistance in non-equilibrium alloys 1-25692
- Rassow, J. see Kellerer, A.M. 1-9022
- Rassudova, T.A. see Gorodkov, V.E. 1-35482
- Rastall, P. Approximate gravitational field equations 1-18081
- Rastegar, J., Miller, N., Barmada, R. An apparatus for measuring the load-displacement and load-dependent kinematic characteristics of articulating joints—application to the human ankle joint 1-22152
- Rastegar, J. see Piziali, R.L. 1-49051
- Rastelli, E., Tassi, A. Exact low-temperature self-energy of the uniaxial Heisenberg ferromagnet 1-3132
- Rastogi, A.M., Mor, S.L. Studies on the electroluminescence of $(\text{Ca}, \text{Sr}_{1-x})\text{S}:\text{Cu}$, Nd 1-52998
- Rastogi, B.K., Talwani, P. Spatial and temporal variations in t_1/t_2 at Monticello reservoir, South Carolina 1-22242
- Rastogi, B.K., Talwani, P. Relocation of Koyana earthquakes 1-53999
- Rastogi, B.K. see Gupta, H.K. 1-53998
- Rastogi, B.K. see Singh, D.D. 1-4460
- Rastogi, R.G. Equatorial storm sudden commencements & interplanetary magnetic field 1-54327
- Rastogi, R.G. see Agarwal, A.K. 1-13730
- Rastogi, R.G. see Deshpande, M.R. 1-54309
- Rastogi, R.P., Kahn, S.A. A thermodynamic theory of dissolution potential and further tests of the theory 1-17094
- Rastogi, R.P., Rai, A.P. Transport of gaseous mixtures through membranes 1-21773
- Rastogi, S.C. Performance of the novel solar cell substitute for the future 1-17214
- Rastogi, V.K., Tyagi, B.S., Pandey, A.N., Saxena, R.C. Magneto and spectral studies on rare earth chelates of β -benzidiny 2,4-dihydroxy propiophenone 1-31136
- Rastvetaeva, R.K. see Mukhtarova, N.N. 1-30190
- Rasulev, U.Kh. see Zandberg, E.Ya. 1-42846
- Rasulova, G.K. see Akimchenko, I.P. 1-30780
- Rasulova, M.Yu. Evolution of perturbations of equilibrium solutions of the Bogolyubov (BBGKY) kinetic equations 1-27861
- Rasulova, N.B. A high speed impact on the membrane floating on the surface of a liquid 1-6833
- Rasulova, N.B. see Rakhmatulin, Kh.A. 1-38619
- Raszwski, Z. see Dabrowski, R. 1-2316
- Rat, J.-C. see Marech, J.-F. 1-42579
- Rataj, J. see Burian, J. 1-5895
- Ratajczak, H., Goscianska, I. Hall hysteresis loops in the vicinity of compensation temperature in amorphous HoCo films 1-25988
- Ratajczak, H. see Latajka, Z. 1-28875, 1-35506, 1-45839
- Ratajczak, H. see Wierzejewska-Hnat, M. 1-10735
- Ratajczyk, E., Tomasik, J. Relations between the surface characteristic values of ground surfaces 1-23164
- Ratajczyk, F. see Znamierowska, Z. 1-15292
- Ratakinn, N.A. see Bakshi, R.B. 1-25103
- Ratcliffe, B. see Stroynowski, R. 1-18522
- Ratcliff, B.N. K^{-} interactions at 11 GeV/c: New results on strange meson systems 1-45359
- Ratcliff, B.N. see Aston, D. 1-50470
- Ratcliff, B.N. see Berglund, A. 1-36881
- Ratcliffe, C.I. Nuclear magnetic resonance spin-lattice relaxation and barriers in ethylenediammonium chloride, bromide, iodide and sulphate 1-21072
- Rath, D.L. see Kolb, D.M. 1-34579
- Rath, H.J. Free and forced nonlinear oscillation of a spherical gas bubble in compressible fluid 1-38003
- Rath, J. see Bebermeier, H. 1-39787
- Rath, R.S., Jena, G. Combined free and forced convection near a vertical wall due to oscillations in the wall velocity and temperature 1-19708
- Rath-Nagel, S. see Altdorfer, F. 1-35620
- Rathbun, J.L. see Bennett, R.A. 1-18807, 1-23743
- Rathbun, I. see Wood, C.E.C. 1-34592
- Rathbun, R.W. see Lake, J.A. 1-18815
- Rather, J.D.G. see Epstein, E.E. 1-22909
- Rathi, S.K., Agarwal, H.M. P-wave neutron strength functions 1-23651
- Rathore, J. Singh see Singh Rathore, J.
- Rathore, R.P.S. Effect of d-electrons and phonon dispersion in chromium 1-42483
- Rathore, R.P.S. see Agarwal, R.M. 1-7274
- Rathore, R.P.S. see Agrawal, R.M. 1-7270, 1-30338
- Rathore, R.P.S. see Khanna, R.N. 1-7273, 1-38480, 1-47035
- Ratitz, T.J. see Lacy, L.L. 1-12731, 1-36641
- Ratier, G. see Veillet, C. 1-9418
- Ratishvili, I.G., Datadze, N.A. A possible sequence of structures formed in the hydride Nb_2H_3 during temperature variation 1-25199
- Ratke, L., Gruhl, W. Grain boundary diffusion of hydrogen during stress corrosion cracking of AlZnMg 1-8490
- Ratmanski, A.Yu. see Tishchenko, F.M. 1-39992
- Ratna Raju, R.D. Generalization of the U(6) boson model 1-41035
- Ratnam, V.V., Gartia, R.K., Acharya, B.S. Monochromatic thermoluminescence and models of recombination kinetics in ionic solids 1-3500

- Ratnam, V.V., Jayaprakash, R., Daw, N.P. Thermoluminescence and thermoluminescence spectra of synthetic fluorapatite 1-26286
- Ratnam, V.V. see Jayaprakash, R. 1-8142
- Ratnatunga, K. see Richstone, D.O. 1-9707
- Ratner, A.M. Nodal surface of the ψ -function and conduction band of noble gas crystals 1-47427
- Ratner, L.G. see Crabb, D.G. 1-14413
- Ratner, L.G. see Crosbie, E.A. 1-45340
- Ratner, M.A., Buch, V., Gerber, R.B. The semiclassical self-consistent-field (SC-SCF) approach to energy levels of coupled vibrational modes. II. The semiclassical state-interaction procedure 1-28858
- Ratner, M.A. see Brower, A.L. 1-7549
- Ratner, M.A. see Buch, V. 1-45815
- Ratner, M.A. see Jacobson, S.H. 1-47293
- Ratner, M.A. see Moskowitz, J.W. 1-51133
- Ratnikov, E.F. see Vlasov, S.M. 1-11369
- Ratnikov, G.E. see Artem'ev, A.Yu. 1-46311
- Rats, B. see Rubinov, A.N. 1-1557
- Ratsifarihana, C.A., Klemens, P.G. Scattering of phonons by vacancies 1-20338
- Rattazzi, G.U. see Schmitt, R.P. 1-41130
- Rattner, S. Additional power VMOS radiation effects studies 1-2503
- Rattunde, R. see Krochmann, J. 1-18280
- Ratysh, L.V., Pokhmurskii, V.I., Zafionovskii, Yu.M., Pysak, S.A., Fedorova, V.A. A method of investigating the kinetics of a fatigue crack in aqueous media at increased temperatures and pressures 1-35479
- Ratzsch, M.T. see Browarzik, D. 1-46973
- Rau, A.R.P. Two-dimensional electron layers: a system for studying strong field mixing effects 1-12174
- Rau, B. see Bewilogua, K. 1-53263
- Rau, E.L., Sasov, A.Yu., Spivak, G.V. Colour encoding of video signals in SEM 1-23383
- Rau, E.L. see Karelina, N.M. 1-25802
- Rau, F. see Abriel, W. 1-2408
- Rau, G. see Hayes, K.C. 1-32267
- Rau, G. see Hinsen, R. 1-40021
- Rau, G. see Murr, G. 1-4371
- Rau, H. see Fordyce, W.A. 1-35080
- Rau, H. see Mathia, W. 1-38500
- Rau, T.F. see Bondar', V.I. 1-20026
- Rau, V.G. see Bondar', V.I. 1-20026, 1-20179
- Rauber, A. see Maschmeyer, D. 1-26035
- Rauch, G.C., Thornburg, D.R., Foster, K. Optimized compositions for (110) [001]-oriented low-alloy iron 1-7889
- Rauch, H. see Badurek, G. 1-34204
- Rauch, H.E., Kohfeld, J.J. System design for a staring mosaic sensor 1-24516
- Rauch, R. see Nieh, H.T. 1-36553
- Rauch, W.A. Design and testing of the PDX gas injection system control electronics 1-10527
- Raudino, A. see Buemi, G. 1-24278, 1-51120
- Raudino, A. see Zuccarello, F. 1-45851
- Raudorf, T.W., Paulus, T.J., Trammell, R.C. Characterization of a large HPGe coaxial detector 1-18971
- Raudszus, W. Suggestions for improving battery life 1-32006
- Rauen, D.G., Soedel, W. Simulation of pressure pulsations in the breathing circuit of a deep-sea diving system by using the four-pole method 1-1789
- Rauh, H., Kummel, R. Critical temperatures for the observation of valley-splitting in Si-MOFETS 1-7746
- Rauh, H., Kummel, R. Theory of the temperature dependence of the enhanced valley splitting in surface states of silicon MOSFETs 1-12173
- Rauh, H., Kummel, R. Many-body enhancement of the valley splitting in Si-MOSFETs at finite temperatures: reexamination of the 2-dimensionality of the system and critical temperatures for the valley splitting 1-25656
- Rauh, H., Simon, D. A perturbation solution of chemical rate equations for irradiation-produced point defects 1-34345
- Rauh, H., Simon, D. Vibrating edge dislocations as sinks for point defects 1-38403
- Rauk, A., Peoples, H.A. The electronic structure and optical activity of conjugated dienes: 1,3-butadiene and α - and β -phellandrene 1-24054
- Raukhan, M.R. see Ufimtsev, V.B. 1-16761
- Rault, D., Entringer, M. Characterisation of the expansion behaviour of a thin steel sheet 1-11888
- Rault, J., Sotton, M., Rabourdin, C., Robelin, E. Crystallization of polymers. I. Polydispersed polymers quenched from the liquid state 1-20078
- Rault, J. see Robelin, E. 1-20079
- Raum, H. see Boer, R. 1-41160
- Raupach, F. see Berger, C. 1-5636, 1-10209
- Raupach, F. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Rauscher, G. see Grosse-Nobis, W. 1-30972
- Rauscher, H.J., Heidrich, D., Kohler, H.J., Michel, D. Theoretical studies of the structure and stability of protonated olefins in the gas phase and in solution 1-51110
- Rausi, J., Tainen, O.J.A. The effect of inspection and repair on the size distributions of the weld imperfections in nuclear power plant pipes 1-14651
- Raut, U. Solutions of f-gravity coupled to SO(3) gauge field 1-27847
- Rautenberg, P. see Schläng, P. 1-19466, 1-37618
- Rautian, S.G., Saprykin, E.G., Sorokin, V.A., Shalagin, A.M. Experimental observation of narrowing of nonlinear resonances in high-intensity laser fields 1-33772
- Rautian, T.G., Pustovitko, B.G. Detection of zones of seismic foci with high-frequency and low-frequency spectra of focal radiation 1-4635
- Rav-Noy, Z. see Friseman, A.A. 1-10942
- Rava, R.P., Goodman, L. Kinematic perturbations on the benzene $1B_{2u} \rightarrow 1A_{1g}$ two-photon spectrum: $s-C_6H_5D_3$ 1-29064
- Rava, R.P., Goodman, L., Krogh-Jespersen, K. Vibronic mechanisms in the two-photon spectrum of benzene 1-41449
- Ravaine, D., Boyce, J., Hamwi, A., Touzain, P. Fluorine magnetic resonance and relaxation properties of stage 1 TaF₅ intercalated graphite 1-39001
- Raval, S. see Barker, J.A. 1-36560
- Raveau, B. see Choisein, J. 1-21205
- Raveau, B. see Girault, J.P. 1-15854
- Raveau, B. see Goreaud, M. 1-15875
- Raveau, B. see Hervieu, M. 1-38353
- Raveau, B. see Studer, F. 1-20624, 1-20725
- Ravendran, A.V. see Parthasarathy, M. 1-40521
- Ravel, J.C. see Ralsbeck, G.M. 1-32468
- Ravelet, S. see Boutrix, C. 1-3059
- Raveling, H. see Hauffe, K. 1-21764
- Raven, A. see Duncan, C. 1-25062
- Raven, A. see Willi, O. 1-11581
- Raven, L.F. Power reactor performance of Framatome fuel fabricated from BNFL IDR-CONPOR powder 1-45610
- Raven, M.S., Al-Sinaid, M.H.T., Owen, S.J.T., Tansley, T.L. Structure and interface oxidation state of ZnO RF sputtered onto silicon and SiO₂/Si 1-2842
- Raven, M.S. see Rahman, A. 1-3076
- Ravenev, V. see Geurts, P. 1-52431
- Ravet, M.F. see Krill, G. 1-12072
- Ravetkar, R.M. see Chaitramani, S.J. 1-51067
- Ravets, J.M. see Anderson, D.W., Jr. 1-18911
- Ravets, J.M. see Hardin, R.T. 1-50972
- Ravets, J.M. see Lipner, M.H. 1-10463
- Ravetto, P. see Corno, S.E. 1-14573
- Ravex, A., Lasjaunas, J.C., Thoulouze, D. Heat relaxation phenomena at very low temperature and specific heat of the amorphous superconductor La_{0.78}Zn_{0.22} 1-30879
- Ravex, A. see Bethoux, O. 1-30893
- Ravey, J.C. see Guillot, M. 1-35920
- Ravez, J. see Drache, M. 1-43073
- Ravez, J. see Loriet, M. 1-21147
- Ravez, J. see Sadel, A. 1-31441
- Ravi, K.V. see Rao, C.V.H.N. 1-2358
- Ravi Kumar, K.G. see Mohan, S. 1-19072
- Raviart, P.A. On the finite element approximation of nonlinear problems 1-23019
- Ravich, Yu.I. see Bytenskiy, L.I. 1-20404
- Ravichandran, C. see Sathuraman, R. 1-54311
- Ravichev, S.A. see Alipchenkov, V.M. 1-19949
- Ravindra, N.M., Prasad, B. Saturation current in solar cells: an analysis 1-17201
- Ravindra, N.M., Srivastava, V.K. Temperature dependence of the energy gap in Bi-Sb systems 1-20625
- Ravindra, N.M., Srivastava, V.K. Properties of liquid PbS, PbSe and PbTe 1-20722
- Ravindran, V.R. see Sarkar, S.K. 1-4575
- Ravindran Nair, K. Using lead sulphate instead of lead oxide in flux growth of yttrium iron garnet (YIG) crystals 1-31326
- Ravishanker, P.S., Wilcox, W.R., Larson, D.J. The microstructure of MnBi/Bi eutectic alloys 1-8290
- Ravishankara, A.R., Eisele, F.L., Kreutter, N.M., Wine, P.H. Kinetics of the reaction of CH₃O₂ with NO 1-53412
- Ravishankara, A.R., Eisele, F.L., Wine, P.H. Pulsed laser photolysis-laser path laser absorption kinetics study of the reaction of methylperoxy radicals with NO₂ 1-12984
- Ravishankara, A.R., Kreutter, N.M., Shah, R.C., Wine, P.H. Rate of reaction of OH with COS 1-36027
- Ravishankara, A.R. see Wine, P.H. 1-31858
- Ravn, H.L. see Azuma, R.E. 1-14498
- Ravn, H.L. see Borchert, G.L. 1-23940
- Ravn, H.L. see Ewan, G.T. 1-36929
- Ravn, H.L. see Huck, A. 1-23609
- Ravner, H. see Singer, I.L. 1-35396
- Ravnikar, M. see Budnar, M. 1-28134
- Ravot, D., Burlet, P., Rossat-Mignod, J., Tholence, J.L. Magnetic properties of cerium monoteuride 1-12285
- Ravussin, E. see Pahud, P. 1-13267, 1-17366
- Rave, A. see Gordon, G.A. 1-30480
- Rave, A.R.P. Atoms in electric and magnetic fields: spectrum near the ionization limit 1-24066
- Rawat, P.S. see Durgapal, M.C. 1-22896
- Rawat, S.D. A simple radiant heat-shutter for vacuum deposition of thin film 1-8232
- Rawe, R.L., Rosa, C.J. The effects of gaseous pretreatment and oxide sintering on oxidation of Ti-4.32 wt.%Nb alloy 1-35434
- Rawers, J.C., Buzzell, J.A., Schwartzberg, G.M. Observations of discontinuous strain in type 316 stainless steel tubes 1-43505
- Rawitscher, G.H., Zickendraht, W. Formulation in terms of hyperspherical harmonics of the effect of breakup in deuteron-nucleus collisions 1-41119
- Rawitscher, G.H. see Zickendraht, W. 1-41120
- Rawlings, K.J. An ELS study of the adsorption of oxygen on W(110) 1-12614
- Rawlings, K.J., Foulais, S.D., Hopkins, B.J., Knowles, S. Temperature dependent and other features in electron emission from W(110) 1-8170
- Rawlings, K.J., Price, G.G., Hopkins, B.J. A LEED and AES study of the adsorption of bromine on W(100) at room temperature 1-20569
- Rawlings, R.D. see Dalgleish, B.J. 1-8511
- Rawlings, R.D. see Pitt, C.D. 1-38890
- Rawlins, A.D. A note on the factorization of matrices occurring in Wiener-Hopf problems 1-29183
- Rawls, J.M. see Petrie, T.W. 1-28699
- Rawson, E.G., Norton, R.E., Goodman, J.W. Experimental and analytical study of modal noise in optical fibers 1-11127
- Rawson, H. see Jackson, J.D.J. 1-53326
- Rawson, H. see Puyane, R. 1-21412
- Ray, A. Dynamic modelling of once-through subcritical steam generator for solar applications 1-43742
- Ray, A., Ray, P.P., Saha, B.C. Positronium formation in positron-hydrogen-molecule collisions 1-19215
- Ray, A. see Kulkarni, G.V. 1-45849
- Ray, A.K. see Laursen, M.L. 1-10215
- Ray, B.J. see Duce, R.A. 1-44280
- Ray, B.K. Interband Faraday rotation in germanium at the L point 1-26173
- Ray, D. Some solutions for SU(3) gauge fields 1-14253
- Ray, D. Self-dual solutions for SU(2) gauge fields on Euclidean space 1-18373
- Ray, D. Localization of high-power laser pulses in plasmas 1-24978
- Ray, D. Godel-like cosmological solutions 1-32781
- Ray, D. see Fox, D.J. 1-6145
- Ray, D.K., Kajzar, F. Studies on the interaction between two correlated electronic bands. I. Phase transition in NiS 1-7838
- Ray, D.K. see Spalek, J. 1-47839
- Ray, G.C., Guha, S.K. Myoelectric artificial hand for tropical climates 1-44046
- Ray, G. Deb see Deb, Ray, G.
- Ray, G.E., Wanless, R.K. The age and geological history of the Wollaston, Peter Lake, and Rottenstone domains in northern Saskatchewan 1-44138
- Ray, G.W. see Rider, D.M. 1-46036
- Ray, H., Lovell, E.G. Dynamic instability of suddenly deformed cylindrical shells 1-19632
- Ray, J.R., Reid, J.L. Ermakov systems, Noether's theorem and the Sarlet-Bahar method 1-17995
- Ray, J.R., Reid, J.L. Noether's theorem and Ermakov systems for nonlinear equations of motion 1-17996
- Ray, J.R. see Gettys, W.E. 1-40627
- Ray, L., Hoffmann, G.W., Barlett, M., McGill, J., Amann, J., Adams, G., Pauletta, G., Gazzaly, M., Blanniged, G.S. Proton elastic scattering from ^{40,42,44}Ca at 80 MeV 1-41049
- Ray, L., Hoffmann, G.W., Thaler, R.M. Coulomb interaction in multiple scattering theory 1-5783
- Ray, M.K., Banerji, S. Perfectly conducting ferrofluid in general relativity 1-38020
- Ray, P. see Mukherjee, N.G. 1-14828
- Ray, P.P. see Ray, A. 1-19215
- Ray, P.S. Energy loss of relativistic electrons in plasma in accordance with covariant Fokker-Planck formalism 1-6999
- Ray, P.S. see Hinkley, S. 1-42422
- Ray, R., Tanner, L.E. Ultrahigh strength metallic glass alloys 1-12807
- Ray, R.K., Chandra Narayanan, S., Devaraj, S. Pre-precipitation and recrystallisation in a Cu-9Ni-6Sn alloy 1-26498
- Ray, S., Banerjee, R., Barua, A.K. Properties of vacuum-evaporated CdS thin films 1-12215
- Ray, S.P., Stubican, V.S., Cox, D.E. Neutron diffraction investigation of Zr₂Y₂O₇ 1-20156
- Ray, S.R., Fernandez-Pello, A.C., Glassman, I. A study of the heat transfer mechanisms in horizontal flame propagation 1-24661
- Ray, W. see Brooks, R.L. 1-6368
- Ray, W., Jr. see Elwyn, A.J. 1-5788
- Ray Chu Kwo see Kwo Ray Chu
- Raychoud, D. Dynamic compaction by a high speed punch to produce interparticle melting 1-35212
- Rayces, J.L. Ten years of lens design with Glatzel's adaptive method 1-46511

- Raychaudhuri, A.** Reactor antineutrino spectra, neutrino oscillations and deuteron disintegration 1-14303
- Raychaudhuri, A.** Neutrino oscillations and proton inverse beta decay 1-40979
- Raychaudhuri, A.K.** Electrical polarizability of phonon scattering states in glasses 1-30344
- Raychaudhuri, A.K.,** Pech, J.M., Pohl, R.O. Phonon scattering in glasses and highly disordered crystals 1-16002
- Raychaudhuri, A.K.,** Pohl, R.O. Connection between the low temperature anomaly in glasses and the glass transition temperature 1-42549
- Raychaudhuri, A.K.,** Takayama, T., Rinderer, L. Scaling law for pinning forces of dirty indium films 1-16417
- Raychaudhuri, A.K.** see Takayama, T. 1-16416
- Raychaudhuri, K.** see Wise, J. 1-28316
- Raye, B.S.** see Asgarkar, V.B. 1-28758
- Rayevskiy, A.B.** see Glaznev, V.N. 1-9280
- Rayez, J.C.,** Dannenberg, J.J., Kassab, E., Evleth, E.M. A theoretical study of biphenylene in its ground and excited states 1-10668
- Rayez, J.C.** see Kassab, E. 1-17034
- Rayford Nix, J.** see Schutte, G. 1-18704
- Raykhef's, E.I.** see Koval', N.A. 1-47335
- Raymer, M.G.** see Mostowski, J. 1-46450
- Raymond, A.,** AuLombard, R.L., Konczewicz, L., Bousquet, C., Robert, J.L., Royer, M. Magnetic freeze-out in n-type Hg_{1-x}Cd_xTe (0.18 < x < 0.34). The metal-nonmetal transition 1-52582
- Raymond, A.** see Mathieu, H. 1-47485
- Raymond, A.** see Robert, J.L. 1-47716
- Raymond, D.J.** see Glaviano, M.C. 1-49485
- Raymond, J.** see Treves, A. 1-49720
- Raymond, J.C.** see Black, J.H. 1-9595
- Raymond, J.C.** see Butler, S.E. 1-13678
- Raymond, J.C.** see Mattei, J. 1-44569
- Raymond, T.,** Hsu, P.E. The state of combustible gas systems: a user's perspectives 1-32080
- Raynal, J.C.** see Gavela, M.B. 1-33164
- Raynal, J.-C.** see Gavela, M.B. 1-33142
- Rayne, J.A.** see Johnson, P.B. 1-16217
- Rayner, G.H.,** Kibble, B.P., Swan, M.J. On obtaining the Henry from the Farad 1-9963
- Raynes, E.P.** see Clark, M.G. 1-7078
- Raynes, W.T.** see Rychlewski, J. 1-24056
- Raynor, G.V.** see Rivlin, V.G. 1-8274, 1-35233
- Raz, S.** see Einzig, P. 1-1459
- Razafimandimby, H.A.** An intermediate valence model and the magnetic properties of metallic actinide compounds 1-47840
- Razavi, A.,** Langford, G. Strain hardening of iron: axisymmetric vs. plane strain elongation 1-21483
- Razavy, M.** A potential model for torsional vibrations of molecules 1-45934
- Razbirin, B.S.** Luminescence of direct-gap semiconductors at high excitation densities 1-12555
- Razbirin, B.S.** see Collet, J. 1-48157
- Razbirin, B.S.** see Pugnet, M. 1-8129
- Razdan, H.** see Bhat, A.L. 1-36324
- Razehli, P.** see Hirtz, J.P. 1-41719
- Razeflos, P.,** Imre, K. The optimum dimensions of circular fins with variable thermal parameters 1-41941
- Razi Naqvi, K.** Photoselection in uniaxial liquid crystals: The effect of rotational Brownian motion on measurements of orientational distribution function 1-8115
- Razin, V.A.** see Vinyaikin, E.N. 1-17904
- Razin, V.I.** see Krasnov, V.A. 1-37058
- Razina, G.K.** see Bordovitsyn, V.A. 1-41548
- Razina, N.S.** see Mironov, Yu.V. 1-735
- Razinkova, T.L.** see Suvorov, A.L. 1-7055
- Razmakhnina, E.M.** see Mushenko, L.V. 1-44152
- Razorenov, L.A.** see Gusev, V.N. 1-36141
- Razsolkov, V.** see Todorov, T. 1-51409
- Razumov, A.V.,** Solov'ev, V.O., Taranov, A.Yu. Total charge screening in scalar electrodynamics 1-45171
- Razumov, O.N.** see Dyomin, S.A. 1-52775
- Razumov, V.A.,** Zvyagintsev, A.M. Nonselective attenuation of light in atomic-absorption and atomic-fluorescence analysis (review) 1-4136
- Razumov, V.A.** see Il'in, G.G. 1-28923
- Razumova, I.K.** see Abramov, A.P. 1-3487, 1-11827
- Razumova, I.I.** see Egorov, N.T. 1-16816
- Razumova, N.A.** see Shurin, A.K. 1-21434
- Razumova, T.K.** see Kaliteevskaya, E.N. 1-3471
- Razumova, T.K.** see Onokhov, A.P. 1-346
- Razumovskaya, I.V.,** Zaitsev, M.G. The effect of intermolecular interaction on the activation rupture of a tensioned macromolecule 1-30309
- Razumovskaya, I.V.** see Mokrushin, A.D. 1-21291
- Razumovskaya, I.V.** see Mukhina, L.L. 1-16163
- Razumovskaya, O.I.** see Zaitsev, S.M. 1-30171
- Razumovskaya, O.N.,** Shilkina, L.A., Reznichenko, L.A., Rudkovskaya, L.M. Formation of solid solutions in the NaNbO₃-PbTiO₃ system, and its phase diagram [Ferroelectric properties] 1-39286
- Razumovskaya, O.N.** see Fesenko, E.G. 1-34993
- Razumovskaya, O.N.** see Kuleshova, T.B. 1-35513
- Razumovskii, I.M.** Pre-transformation phenomena in cobalt 1-11856
- Razuvaev, E.A.** see Mel'nikov, N.S. 1-51064
- Razuvaev, V.N.,** Tertychniy, G.Ya., Yadroskii, E.L. The effects of the breakdown of the purity of the isospin of the isobar-analog E1 and E2 resonances in the photoprotonic reaction on ²⁰⁸Pb 1-33247
- Razvina, T.I.** see Kuznetsova, V.V. 1-19086
- Razzini, G.,** Rovellini, S., Alessandrini, F., Di Pietro, B., Scrosati, B. The lithium-sulfuryl chloride battery: discharge behaviour 1-8698
- Rdzanek, W.** Mutual acoustic impedance of cylindrical sources for a specific case 1-15299
- Re, G.** Del see Del Re, G.
- Rea, J.** see Lightfoot, P. 1-28581
- Read, F.H.** Electromagnetic radiation 1-9786
- Read, F.H.** see King, G.C. 1-10853
- Read, F.H.** see Shaw, D.A. 1-24269
- Read, J.H.** see Irfan, M. 1-28811
- Read, L.A.A.** see Dagg, I.R. 1-46080
- Read, M.E.,** Kwo Ray Chu, Granatstein, V.L., Gilgenbach, R.M., Lucey, R.F., Jr., Drobot, A.T. Spatial and temporal coherence of a 35-GHz gyrotron on the TE₀₁ circular mode 1-1536
- Read, M.E.** see Silverstein, J.D. 1-1537
- Read, M.N.** see Darby, M.I. 1-25608
- Read, P.L.** Two large H I expanding shells in the field of NGC 7538 1-9637
- Read, P.L.** H I aperture synthesis observations towards galactic H II regions. II. W3 1-54594
- Read, R.T.,** Young, R.J. The deformation of polydiacetylene single crystals 1-20301
- Read, R.T.** see Young, R.J. 1-38304
- Read, J.,** Luther, G., Acquista, N. Revised 6p ²P_{1/2} level of Mo XIV 1-51152
- Readhead, A.C.S.** see Oke, J.B. 1-49821
- Readhead, A.C.S.** see Walker, R.C. 1-54503
- Reading, J.F.** see Becker, R.L. 1-6379
- Reading, J.F.** see Ford, A.L. 1-46098
- Reading, R.W.** A disparity analysis of some horopter data 1-43866
- Readman, P.W.** see Creer, K.M. 1-13386, 1-35933
- Ready, J.F.,** Vora, H. Press forging and optical properties of lithium fluoride 1-29353
- Ready, J.F.** see Hopkins, A.K. 1-29354
- Ready, J.F.** see Khan, M.A. 1-11046
- Reagan, J.A.,** Herman, B.M. Light scattering by irregularly shaped particles versus spheres: what are some of the problems presented in remote sensing of atmospheric aerosols? 1-6487
- Reagan, J.A.** see King, M.D. 1-22491
- Reagan, J.A.** see Spinnhirne, J.D. 1-9250
- Reagan, P.** see Goodale, D.B. 1-53638
- Reagor, B.G.** see Stover, C.W. 1-49221
- Real, S.G.,** Vilche, J.R., Arvia, A.J. The characteristics of the potentiodynamic potential/current profiles obtained with the Ni/0.5 N H₂SO₄ interface. A contribution to the mechanism of the electrode process 1-17061
- Reale, C.** New bromine crystalline modifications obtained by vapour-quenching 1-43263
- Real, G.C.** The mode-locked unstable resonator YAG laser 1-15189
- Reardon, E.J.,** Mozeto, A.A., Fritz, P. Recharge in northern clime calcareous sandy soils: soil water chemical and carbon-14 evolution 1-49294
- Reatto, L.** see Chester, G.V. 1-25518
- Reatto, L.** see Gaglione, G. 1-2739, 1-42596
- Reau, J.M.** see Levasseur, A. 1-7376
- Reau, J.M.** see Matar, S. 1-2965
- Reau, J.-M.** see Matar, S. 1-20448
- Reay, N.K.** see Phillips, J.P. 1-4962
- Reay, N.W.** see Ushida, N. 1-546
- Rebane, I.,** Khizhnyakov, V. The interference of resonant and non-resonant scattering in impurity centres 1-26215
- Rebbah, A.,** Yazbeck, J., Deschanvres, A. Crystal-line structure of Cd-P₂Cl₆ 1-15877
- Rebbah, H.** see Hervieu, M. 1-38353
- Rebbi, C.** Monte Carlo simulations of lattice gauge theories 1-28188
- Rebbi, C.** Interaction of superconducting vortices 1-34827
- Rebbi, C.,** Rossi, P. Multimonopole solutions in the Prasad-Sommerfield limit 1-14251
- Rebel, D.L.** see Gilmer, D.S. 1-4653
- Rebeller, M.-J.** Le see Le Rebeller, M.-J.
- Rebello, N.,** Kobayashi, S. A coupled analysis of viscoplastic deformation and heat transfer. I. Theoretical considerations 1-37813
- Rebello, N.,** Kobayashi, S. A coupled analysis of viscoplastic deformation and heat transfer. II. Applications 1-37814
- Rebenko, A.L.** see Petrina, D.Ya. 1-5503
- Rebentrost, F.,** Komp, K.L., Ben-Shaul, A. A statistical model for the fragmentation of benzene by multiphoton ionization 1-33516
- Rebentrost, F.** see Cantrell, C.D. 1-51427
- Rebentrost, F.** see Diegelmann, M. 1-37473
- Rebert, N.,** Ateya, B.G., Poweigha, T., Austin, L.G. Some electrochemical properties of strong organic acids for use as fuel cell electrolytes: methane sulfonic, methane Di-sulfonic, trichloroacetic, chloro-difluoroacetic, pentafluoropropanoic, benzoic, and benzene sulfonic acids 1-35541
- Rebhan, E.,** Salat, A. Comments of the asymptotic treatment of Tokamak MHD-stability at large aspect ratio 1-34056
- Rebhan, U.,** Hildebrandt, J., Skopp, G. A high power N₂-laser of long pulse duration 1-24429
- Rebhum, M.** see Egozy, Y. 1-8544
- Rebun, M.** see Shindorf, C. 1-38646
- Rebiere, J.** see Bernheim, M. 1-31280
- Rebiere, J.** see Guinet, P. 1-17320
- Rebizzant, J.** see Brooks, M.S.S. 1-47059
- Rebizzant, J.** see Delapalme, A. 1-47843
- Rebizzant, J.** see Friedt, J.M. 1-12442
- Rebouillat, J.P.** see Gignoux, D. 1-25895
- Rebouillat, J.P.** see Lienard, A. 1-25904
- Reboul, H.J.** Quasars, isotropy of H₂ and the local supercluster of galaxies 1-9747
- Reboul, J.P.,** Moy, J.P. Quantum detectors for infrared imagery 1-23308
- Rebours, B.,** Rabache, P. Theoretical infrared stratospheric emission spectra from balloons and satellites 1-17672
- Rebrov, A.K.** see Kosov, A.V. 1-40805
- Rebrov, A.K.** see Vostrikov, A.A. 1-23228
- Rec, J.R.** see Grill, S.F. 1-50732
- Recami, E.** A classical theory of strong interactions (with 'confinement') 1-18129
- Recami, E.** Elementary particles as micro-universes 1-36851
- Recami, E.** see Caldirola, P. 1-9831
- Recami, E.** see Maccarrone, G.D. 1-18006
- Rechberger, P.,** Linert, W. Analyzing electrolytic conductivity data with a programmable calculator 1-20435
- Rechen, J.B.** see Lambertson, G.R. 1-10558
- Recht, J.** see Kroth, R. 1-45404
- Recillas-Cruz, E.,** Pismis, P. Internal motions in H II regions. VII. The emission nebulae complex S147, 148 and 149 1-4970
- Reck, G.P.** see Rothe, E.W. 1-41439
- Recke, K.S.** see Thompson, D.J. 1-4294
- Reckie, S.** see Rosen, D.L. 1-15232
- Recklinghausen, D.R.** Von see Von Recklinghausen, D.R.
- Recknagel, E.** see Muhlbach, J. 1-26394
- Recum, A.F.** Von see Von Recum, A.F.
- Redchenko, M.I.** see Fraktovnikova, A.A. 1-27976
- Redchits, V.V.,** Nikiforov, G.D. Pore formation in active metal welds. Quantitative estimation of gas bubble growth in the coalescence process in a welding bath 1-48645
- Redd, E.** see Aldag, J.E. 1-46103
- Reddan, W.,** McAssey, E. TFTR vacuum vessel bellows cooling system heat transfer and flow distribution tests 1-933
- Reddan, W.,** Stoicescu, S. TFTR vacuum vessel heating/cooling systems 1-6015
- Reddersen, B.R.** Highspeed acousto-optic scanning 1-19415
- Reddersen, B.R.** High-speed archival optical mass-memory design 1-46248
- Reddi, C.** Raghava see Raghava Reddi, C.
- Redding, J.R.** see Gorton, E.K. 1-29297
- Reddoch, A.H.** see Dalal, N.S. 1-2615
- Reddoch, A.H.** see Park, J.M. 1-47927
- Reddoch, A.H.** see Ripmester, J.A. 1-47958
- Reddy, B.J.,** Sarma, K.B.N. Optical absorption spectrum of Fe³⁺ in orthoclase feldspar 1-31176
- Reddy, B.Sekhar** see Sekhar Reddy, B.
- Reddy, B.S.R.,** Durga Prasad, N., Venkata Reddy, G. Wave forecasting methods and their applicability—a case study off Visakhapatnam 1-17594
- Reddy, C.V.G.** see Naik, S. 1-54142
- Reddy, C.V.G.** see Rajendran, A. 1-54141
- Reddy, C.V.** Ramachandra see Ramachandra Reddy, C.V.
- Reddy, D.S.,** Rao, M.M., Narasimham, K.L., Lakshminarayana, V. Conversion coefficient of the 61 keV transition in ¹²⁵Sb 1-45463
- Reddy, E.S.** see Rao, S.S. 1-37819
- Reddy, G.** Venkata see Venkata Reddy, G.
- Reddy, J.N.,** Chao, W.C. Finite-element analysis of laminated bimodulus composite-material plates 1-37796
- Reddy, J.N.** see Sasaki, Y.K. 1-11457
- Reddy, K.C.** see Girija, P.N. 1-2566
- Reddy, K.N.** see Agarwal, M.K. 1-20215
- Reddy, K.P.J.** Theory of internally pumped mode-locked CW dye laser 1-46280
- Reddy, K.Rama** see Rama Reddy, K.
- Reddy, K.S.** see Murthy, A.S.N. 1-21887
- Reddy, K.V.** see Kostopoulos, D. 1-2679
- Reddy, M.M.,** Gaillard, W.D. Kinetics of calcium carbonate (calcite)-seeded crystallization: influence of solid/solution ratio on the reaction rate constant 1-47028
- Reddy, M.M.,** Wang, K.K. Crystallization of calcium carbonate in the presence of metal ions. I. Inhibition by magnesium ion at pH 8.8 and 25°C 1-2364
- Reddy, M.V.V.S.,** Lingam, K.V., Gundu Rao, T.K. Studies of radicals in oxalate systems—ESR of irradiated potassium hydrogen oxalate 1-38985
- Reddy, N.M.** see Shanmugasundaram, V. 1-33652
- Reddy, P.J.** see Naidu, B.S. 1-34704
- Reddy, P.J.** see Raju, V.K. 1-31517

- Reddy, P. Jayarama *see* Jayarama Reddy, P.
 Reddy, P.K., Bhagavat, G.K., Jawalekar, S.R. Properties of thin film capacitors made with reactively sputtered Ta-Al 1-16540
 Reddy, P. Vanugopal *see* Vanugopal Reddy, P.
 Reddy, R.N.V.R. *see* Murthy, V.R. 1-15790, 1-34218
 Reddy, R.N.V. Ranga *see* Ranga Reddy, R.N.V.
 Reddy, R.R. *see* Rao, T.V.R. 1-33530
 Reddy, R. Ramakrishna *see* Ramakrishna Reddy, R.
 Reddy, R.S. *see* Selvam, A.M. 1-49372
 Reddy, S.N.S., Rapp, R. The diffusivity and solubility of fluorine in solid nickel from electrochemical measurements 1-2698
 Reddy, S.N.S., Rapp, R.A. Internal fluorination of Ni-56 Cr alloy 1-11869
 Reddy, S. Paddi *see* Paddi Reddy, S.
 Reddy, T.A., Gupta, C.L. Generating application design data for solar air heating systems 1-32041
 Reddy, T. Venkat *see* Venkat Reddy, T.
 Reddy, V.B., Mehrotra, P.N. A note on X-ray diffraction studies of barium zirconyl oxalate 1-15885
 Redekopp, L.G. *see* Maslowe, S.A. 1-29750
 Redekopp, L.G. *see* Pereira, N.R. 1-18042
 Reder, R. *see* Bauer, P. 1-7051
 Redfield, D. Method for evaluation of antireflection coatings 1-41795
 Redford, T.G., Jr., Verman, S.B., Rosenberg, N.J. Humidity fluctuations over a vegetated surface measured with a Lyman-alpha hygrometer and a fine-wire thermocouple psychrometer 1-44328
 Redi, O. New techniques of hyperfine spectroscopy 1-41504
 Redinger, J., Schwarz, K. Electronic charge distribution of the Polarizable O²⁻ ion in MgO and Cao in contrast to the F⁻ ion in NaF 1-30632
 Redington, M. *see* Bolton, J.D. 1-34353
 Red'kin, B.S. *see* Azoyan, S.E. 1-31332
 Red'ko, A.V., Kurochkin, T.I. Influence of the thickness of an emulsion layer on the information characteristics of the image for rapid single solution processing 1-36760
 Red'ko, N.A. *see* Bataalov, A.B. 1-12091
 Redko, T.P., Kosinar, I. Diffusion coefficients of metals in inert gases: comparison of calculations with experimental data 1-29819
 Red'ko, V.P. *see* Voltenkov, A.I. 1-51610
 Redlich, K., Turko, L. Phase transitions in the statistical bootstrap model with an internal symmetry 1-5607
 Redlich, L. Investigating the discharge plasma of rare gas ion lasers using the KPFI Fabry-Perot interferometer 1-33660
 Redman, S. *see* Wong, K. 1-9060
 Redmann, J.J. Improved multispectral solar-cell array 1-39775
 Redmon, L.T. *see* Shavitt, I. 1-32863
 Redmon, M.J., Schatz, G.C. An analytical fit to an accurate ab initio (A₁) potential surface of H₂O 1-37138
 Redmon, M.J. *see* Garrett, B.C. 1-37102
 Redner, S. Distribution functions in the interior of polymer chains 1-7068
 Redner, S., Coniglio, A. On the crossover exponent for anisotropic bond percolation 1-192
 Redner, S., Reynolds, P.J. Single-scaling-field approach for an isolated polymer chain 1-46979
 Redon, A.M., Vigneron, J. Ga, In_{1-x}P_x (n) (0 ≤ x ≤ 1) semiconducting alloys studies in photoelectrochemical cells 1-32033
 Redon, A.M., Vigneron, J., Heindl, R. Electrochemical studies on amorphous thin film and on sintered polycrystalline CdS electrodes 1-17220
 Redon, M., Gastaud, C., Fournier, M. New CW FIR laser action in Stark tuned ammonia and Stark FIR laser spectroscopy in the ν₂ band 1-10990
 Redon, M. *see* Gastaud, C. 1-29258
 Redondo, D.M. *see* Grugowich de Felicio, J.R. 1-40624
 Redoriv, R.F. *see* Bragin, A.A. 1-32534
 Redoules, J.P. *see* Billerey, D. 1-12270
 Redpath, J.L. Mechanisms in combination therapy: isobologram analysis and sequencing 1-13315
 Redpath, T.W. *see* Edelstein, W.A. 1-39980
 Redwine, R.P. *see* Bowles, T.J. 1-41144
 Redwine, R.P. *see* McKeown, R.D. 1-28499
 Redwine, R.P. *see* Nemethy, P. 1-45183
 Redwine, R.P. *see* Freedman, B.M. 1-45540
 Ree, F.H. Reexamination of van der Waals model for soft-core molecules 1-24204
 Ree, F.H. Analytic representation of thermodynamic data for the Lennard-Jones fluid 1-38219
 Ree, F.H., Ross, M. High-pressure and high-temperature behavior of simple and complex molecular liquids 1-38425
 Ree, F.H. *see* Ross, M. 1-30021
 Ree, F.H. *see* Yoon, K. 1-44846
 Ree, J. Van De *see* Van De Ree, J.
 Ree, T. *see* Yoon, K. 1-44846
 Reeber, M.D., Frieser, R.G. Heat transfer of modified silicon surfaces 1-7455
 Reeber, R.R. Geothermal energy and consensus standards 1-4156
 Reeber, R.R. Coatings in geothermal energy production 1-13078
 Reece, A.B.J. *see* Preston, T.W. 1-24327
 Reece, C. *see* Durnin, J. 1-36735
 Reed, C. Impact of Three Mile Island on regulatory requirements 1-10501
 Reed, C.B. *see* Pierson, E.S. 1-34125
 Reed, C.E. *see* Banyard, K.E. 1-41326
 Reed, C.L., Mar, K.M. The effects of abrasion gettering on silicon material with swirl defects 1-15892
 Reed, C.W., Philp, S.F., Kawai, M., Schneider, H.M. Partial discharge inception and breakdown studies on model sheet-wound, compressed SF₆ gas-impregnated polymer film-insulated windings [power transformers] 1-15685
 Reed, D. *see* Sawbridge, P.T. 1-20259
 Reed, D.A., Ehrlich, G. Surface diffusion, atomic jump rates and thermodynamics 1-38665
 Reed, G.A.L. *see* Johnson, S.W. 1-44037
 Reed, G.W., Jr. *see* Jovanovic, S. 1-40435
 Reed, I.S., Glenn, W.V., Kwoh, Y.S., Truong, T.K. A bandpass filter for the enhancement of an X-ray reconstruction of the tissue in the spinal canal 1-26981
 Reed, K.J., Garcia, J.D., Fortner, R.J., Stollerfoht, N., Schneider, D. K- and L-shell vacancy sharing between light projectiles and argon targets 1-1351
 Reed, L.A. Simulator staffing: finding the pieces to fit the picture 1-18809
 Reed, R.D., Mikesell, G.W., Jr. Radiometric monitoring of exposure-site temperature during laser irradiation 1-49175
 Reed, R.K. Direct measurement of recirculation in the Alaskan Stream 1-27196
 Reed, R.K. Comparison of ocean and island rainfall in the tropical North Pacific 1-44265
 Reed, R.K., Muench, R.D., Schumacher, J.D. On baroclinic transport of the Alaskan Stream near Kodiak Island 1-27169
 Reed, R.K. *see* Schumacher, J.D. 1-27179
 Reed, R.W. *see* Campbell, P.M. 1-25615
 Reed, S.J.B. Trace element analysis with the ion probe 1-379
 Reed, S.J.B., Enright, M.C. Trace element distributions in meteorites determined by ion probe analysis 1-36230
 Reed, W.J. Solution photophysics of selected metal complex ions 1-48166
 Reed-Hill, R.E. *see* Beckerman, L.P. 1-21496
 Reed-Hill, R.E. *see* McLeelan, R.B. 1-20467
 Reeder, D.D. *see* Gunderson, B. 1-45339
 Reeder, D.D. *see* Heagy, S.M. 1-50433
 Reeder, S.D. *see* Smith, J.R. 1-51020
 Reeder, T.M. *see* Grudkowski, T.W. 1-41930
 Reedy, G.T. *see* Green, D.W. 1-28967
 Reedy, R.P. Coherent fiber optics test techniques 1-1734
 Reehal, H.S., Thomas, C.B. On the preparation of amorphous films of Si-Te-As-Ge 1-43262
 Reehal, H.S. *see* Gallego, J.M. 1-36703
 Reep, D. *see* Weiner, A.S. 1-26833
 Rees, C.D. *see* Abramowicz, H. 1-45378
 Rees, C.D. *see* Ko, W. 1-10263
 Rees, C.D. *see* Lubatti, H.J. 1-45352
 Rees, D., Fuller-Rowell, T.J., Smith, R.W. Measurements of high latitude thermospheric winds by rocket and ground-based techniques and their interpretation using a three-dimensional, time-dependent dynamical model 1-9305
 Rees, D., McWhirter, I., Rounce, P.A., Barlow, F.E. Miniature imaging photon detectors. II. Devices with transparent photocathodes 1-33056
 Rees, G.J., Grimmeiss, H.G., Janzen, E., Skarstam, B. Capture, emission and recombination at a deep level via an excited state 1-20760
 Rees, G.J. *see* Socha, J.B. 1-20717
 Rees, H. *see* Dahl, W. 1-31525
 Rees, J.A. *see* Menendez, M.G. 1-37328
 Rees, M.H., Roble, R.G. Effect of a horizontal wind on 1.27-μm auroral emission from O₂(Δ_g) molecules 1-9306
 Rees, M.J. Neutrinos in astrophysics 1-13900
 Rees, M.J. *see* Jones, B.J.T. 1-9681
 Rees, N.W. *see* Romberg, T.M. 1-19782
 Rees, D.A. *see* Hearst, J.E. 1-8622
 Reeve, C. *see* Davies, D.R. 1-17677
 Reeve, J.S. Renormalisation group calculation of the critical exponents of the special transition in semi-infinite systems 1-36599
 Reeve, J.S., Guttman, A.J. Critical behavior of the n-vector model with a free surface 1-16452
 Reeve, J.S., Guttman, A.J. Semi-infinite d⁴ systems: ε expansions for susceptibility exponents 1-47864
 Reeve, J.S. *see* Guttman, A.J. 1-7848
 Reeve, K.D. Ceramic nuclear fuels—status and recent developments 1-14636
 Reeve, K.D., Woolfrey, J.L. Accelerated irradiation testing of SYNROC using fast neutrons. I. First results on barium hollandite, perovskite and undoped SYNROC B 1-42429
 Reeve, S.C. *see* Watts, D.R. 1-22215
 Reeves, D.L., Jr. Plant status monitoring and shift turnover 1-28652
 Reeves, E.M. *see* Kohl, J.L. 1-22753
 Reeves, H. *see* Geiss, J. 1-36263
 Reeves, J.P., Sutko, J.L. Sodium-calcium exchange activity generates a current in cardiac membrane vesicles 1-32103
 Reeves, L.W. *see* Acimis, M. 1-20048, 1-20049
 Reeves, L.W. *see* Fujiwara, F.Y. 1-20050
 Reeves, R.D. *see* Omenetto, N. 1-10691
 Refai, E. *see* Riad, S. 1-54041
 Refermat, S. *see* Abate, J.A. 1-41717
 Reffie, J., Duschl, M., Hoffmann, H., Friedlaender, F.J. Critical capture radius in single wire HGMS 1-51335
 Reffie, J. *see* Hoffmann, H. 1-51336
 Refsdal, S. On the stability and evolution of evolved contact binaries 1-40524
 Reft, C.S., Becher, J., Kernell, R.L. Proton-induced degradation of VUV transmission of LiF and MgF₂ 1-33779
 Rega, G., Luongo, A. Natural vibrations of suspended cables with flexible supports 1-37825
 Regan, C. *see* Ettinger, K.V. 1-9031
 Regan, D., Beverley, K.I. Visual responses to changing size and to sideways motion for different directions of motion in depth: linearization of visual responses 1-32127
 Regan, D.R. *see* I-Wu Shen, P. 1-37559
 Regan, M. *see* Rowan, R., III 1-1264
 Regazzoni, G., Montheillet, F. Calculation of deformation heterogeneities and study of the recrystallization of aluminum blocks which were heat conditioned 1-48415
 Regel', V.R. Research on the physics of strength of composites. A review 1-31604
 Reges, O. *see* Livio, M. 1-4985
 Regge, T. *see* D'Auria, R. 1-23086, 1-44824
 Reggiani, C. *see* Capelo, A. 1-53808
 Reggiani, L. Time-of-flight techniques [for semiconductor transport phenomena] 1-16295
 Reggiani, L. High-field transport of holes in elemental semiconductors 1-16296
 Reggiani, L. Microscopic models in hot electron phenomena 1-47662
 Reggiani, R. Cristina *see* Cristina Reggiani, R.
 Regimbart, R. *see* Bizard, G. 1-5784
 Regimbart, R. *see* Schmitt, R.P. 1-41130
 Reginato, L.L., Hester, R.E. Overview of the ETA/ATA pulse power 1-28751
 Reginato, L.L. *see* Cook, E.G. 1-23876
 Reginato, R.J. *see* McFarlane, J.C. 1-13219
 Regirer, S.A. *see* Avedev, Yu.A. 1-13274
 Regler, M. *see* Fidecaro, G. 1-591
 Regnault, J.C. *see* Elliott, C.R. 1-47074
 Regnaut, C., Badiali, J.P., Dupont, M. Structural and thermodynamic properties of liquid Zn, Ga, Sn from pair potentials 1-25150
 Regnaut, C. *see* Bizard, A. 1-46985
 Regnier, P., Felsen, M.-F. Influence of grain boundary grooving on the diffusional creep rate of bamboo-structure wires and the correlated determination of surface tension 1-43445
 Regnier, P. *see* Felsen, M.-F. 1-43446
 Regnier, P. *see* Gstaad, M. 1-46322
 Regnier, P. *see* Voignier, F. 1-37491
 Regnier, S. *see* Nishizumi, K. 1-13653
 Rego Monteiro, M.A. *see* Endler, A.M. 1-41013
 Regulla, D.F. Remarks on the present state of thermoluminescence dosimetry 1-967
 Regulla, D.F., Haider, B., Huber, J., Jacobi, W. Radon daughter monitoring with thermoluminescent detectors 1-6096
 Regulla, D.F. *see* Deffner, U. 1-6047
 Rehner, E. *see* Dultz, W. 1-34477
 Rehner, E. *see* Rehwald, W. 1-11801
 Rehak, P. *see* Diakonou, M. 1-10256
 Rehak, P. *see* Kourkoumelis, C. 1-5665, 1-50474
 Rehbein, D.K. *see* Carlson, O.N. 1-21564
 Rehder, D., Bechthold, H.-C., Paulsen, K. A multi-nuclear NMR study of [V(PF₆)₆] and [Nb(PF₆)₆] 1-21063
 Rehder, K. *see* Schmid, E.R. 1-26926
 Rehder, W. Quantum probability zero-one law for sequential terminal events 1-9860
 Rehfield, D. *see* Blomgren, F. 1-28784
 Rehfield, D.M., Moore, R.B., Hetherington, D. A semiempirical intrinsic-germanium detector response for beta rays from 4 to 8 MeV 1-28802
 Rehm, K.E., Essel, H., Sperr, P., Hartel, K., Kienle, P., Korner, H.J., Segel, R.E., Wagner, W. Deep inelastic collisions at energies close to the Coulomb barrier 1-50641
 Rehm, K.E. *see* Essel, H. 1-6076
 Rehm, K.E. *see* Mayer, W. 1-18567
 Rehm, W., Fischer, R., Beichler, J. Surface and thickness effects in the luminescence of amorphous Si:H 1-21251
 Rehm, W., Fischer, R., Beichler, J., Siebert, W. Internal electric fields in hydrogenated amorphous silicon 1-52983
 Rehman, M., Murti, V.G.K. The reduction of loading errors of a transformer bridge using NICS 1-288

- Rehme, K. Turbulent momentum transport in rod bundles 1-23726
- Rehme, K., Trippe, G. Pressure drop and velocity distribution in rod bundles with spacer grids 1-23737
- Rehmus, P., Berry, R.S. Mechanism of atomic autoionization 1-45914
- Rehn, L.E., Wiedersich, H. Sputter-induced modification of alloy composition in near-surface regions 1-21322
- Rehn, V. Time-resolved spectroscopy in synchrotron radiation 1-23393
- Rehn, V., Choyke, W.J. SiC mirrors for synchrotron radiation 1-23391
- Rehn, V. see Knotek, M.L. 1-38664
- Rehwald, W., Vonlanthen, A., Rehner, E., Prettl, W. The elastic behaviour of ferroelastic Sb_2O_3 polycrystalline MC studied by ultrasonic experiments and Brillouin scattering 1-11801
- Reibel, K. see Antrasyan, D. 1-10287
- Reibel, K. see Ushida, N. 1-546
- Reible, S.A. Reactive ion etching in the fabrication of niobium tunnel junctions 1-47811
- Reibnegger, G.J. see Rodé, B.M. 1-48649
- Reibold, M., Schulze, D., Wetzig, K. Fracture induced melting effects in glass-bonded carbon-rundum composites of high porosity 1-21581
- Reibold, R. Calibration of ultrasonic fields using optical holography 1-11266
- Reich, C.W. see Greenwood, R.C. 1-41032
- Reich, H.D. see Berger, C. 1-5636, 1-10209
- Reich, H.D. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Reich, L. see Stivala, S.S. 1-48395
- Reich, M. see Chang, T.Y. 1-19595
- Reich, M. see Hsieh, S.Y. 1-37014
- Reich, N. Wivenhoe dam and pumped-storage project 1-43737
- Reich, P., Reklat, A., Seifert, G., Steiger, Th. Studies of Raman and infrared bandshapes of liquid organohydrogensilanes and of trimethylchlorosilane 1-33456
- Reich, R. see Nicolas, M. 1-26111
- Reich, R. see Vollet, D. 1-53130
- Reich, S.L. see Dussel, G.G. 1-50502
- Reich, T. see Rusinek, H. 1-13317
- Reich, T. see Thubrikar, M. 1-17523
- Reich, W., Steffen, P. Radio continuum mapping technique at low elevations, as illustrated by application to the southern part of Loop IV 1-36190
- Reich, W. see Kallas, E. 1-9666
- Reich, W. see Stute, U. 1-17900
- Reichardt, W. see Rietschel, H. 1-20907
- Reichardt, W. see Lewandowski, Z. 1-18634
- Reichelt, A., Mahlein, H.F., Winzer, G. Low-loss lensless wavelength-division multiplexers [using beam splitter principle] 1-11152
- Reichelt, H., Milsch, B. The influence of hydrostatic pressure of the EPR spectrum of Cr^{3+} ions in guanidinium aluminum sulfate hexahydrate 1-21040
- Reichelt, J. see Freyhardt, H.C. 1-34829
- Reichelt, K., Lampert, B. The examination of crystal surfaces by metal decoration. I. Theoretical background 1-42618
- Reichelt, K., Lampert, B. The examination of crystal surfaces by metal decoration. II. Experiments 1-42619
- Reichelt, K. see Lampert, B. 1-20227, 1-34555, 1-34556
- Reichelt, W. see Terukov, E.I. 1-25635
- Reichelt, W. see Wolf, M. 1-52490
- Reichelt, W.H. High power infrared optics 1-11017
- Reichert, G.A. see Primini, F.A. 1-49830
- Reichl, E. see Penner, S.S. 1-13071
- Reichl, L.E. Microscopic modes in a Fermi superfluid. I. Linearized kinetic equations 1-11939
- Reichl, L.E. Microscopic modes in a Fermi superfluid. II. Dispersion relations 1-11940
- Reichmuth, J. see Ottinger, Ch. 1-48656
- Reid, A.B. see Kroner, A. 1-40047
- Reid, C.J., Evans, M. Solvent shifts in the far IR 1-1141
- Reid, C.J., Evans, M.W. The analysis of molecular dynamics with a range of microwave/far infrared spectra 1-1233
- Reid, C.J., Evans, M.W. Assignment of far infrared absorptions in liquid crystalline 4-n-heptyl-4'-cyanobiphenyl 1-3397
- Reid, C.J., Evans, M.W. Zero-THz spectroscopy of rotator phases 1-33461
- Reid, E.S. see Freeman, P.J. 1-50220
- Reid, H., Jr. see Broussard, J.H. 1-36724
- Reid, I., Prothero, W.A. An earthquake sequence studied with ocean-bottom seismographs 1-35940
- Reid, I.D. see Fletcher, J. 1-24916
- Reid, L.M. Measurement of the refractive index profile in optical fibres 1-41868
- Reid, J., El-Sherbiny, M., Garside, B.K., Ballik, E.A. Sensitivity limits of a tunable diode laser spectrometer, with application to the detection of NO_2 at the 100-ppb level 1-9264
- Reid, J. see Dang, C. 1-15145
- Reid, J. see Znotins, T.A. 1-29266
- Reid, J.B. see Bruno, J. 1-50898
- Reid, J.D. see Moore, R.A. 1-28862
- Reid, J.H. Heavy fermion corrections to electromagnetic vector boson vertices 1-14306
- Reid, J.L. see Ray, J.R. 1-17995, 1-17996
- Reid, J.M. see Nowicki, A. 1-53845
- Reid, J.M. see O'Brien, W.D., Jr. 1-49082
- Reid, J.S., Pirie, J.D. Dynamic deformation and the Debye-Waller factors for silicon-like crystals 1-16004
- Reid, M.A., Thaller, L.H. Improvement and scale-up of the NASA redox storage system 1-53594
- Reid, M.F., Butler, P.H. Orientations of point groups - phase choices in the Racah-Wigner algebra 1-5533
- Reid, M.H. Improved ultrasound image detail using wide aperture, focused transducers 1-22088
- Reid, M.J. see Bowers, P.F. 1-49836
- Reid, M.J. see Elmgreen, B.G. 1-49748
- Reid, M.J. see Lada, C.J. 1-54579
- Reid, R.C., Wilkens, L.S., Virk, P.S. Liquefied natural gas gels 1-39689
- Reid, R.H.G. see Doyle, J.G. 1-13745
- Reid, W.H. see Ng, B.S. 1-37871
- Reidenbach, H.-D. see Bodem, F. 1-4383
- Reider, G.A. Standard deviation of averaged digital time interval measurements [error values] 1-9972
- Reidinger, F. see Reilly, J.J. 1-2634
- Reidy, J.J., Daniel, H., Bergmann, R., Hartmann, F.J., Wilhelm, W. Measurement of the hydrogen isotope effect on muonic oxygen X-ray intensities 1-15043
- Reidy, J.J. see Knight, J.D. 1-15039
- Reidy, J.J. see von Egidy, T. 1-46175
- Reif, D.J., Cadieux, J.R., Fauth, D.J., Thompson, M.C. Alpha-contained laboratory-scale pulse column facility for SRL 1-18865
- Reif, G.A. Lenses for high-resolution imaging 1-11061
- Reif, R. see Swaminathan, B. 1-20387
- Reif, T.H., Cooclin, G., Huffstutler, M.C., Jr. A note on the leakage of the new omniscience/tm pivoting disc prosthetic heart valve 1-49163
- Reifa, Z. see Jizhou, X. 1-3890
- Reifenberger, R. see Lee, M.J.G. 1-8201
- Reiff, P.H., Burch, J.L., Spiro, R.W. Cusp proton signatures and the interplanetary magnetic field 1-40274
- Reifman, S. see Seeman, V. 1-34939
- Reifman, S.P. see Zavi, G.S. 1-2903
- Reifsnider, K. Fatigue behavior of composite materials 1-31591
- Reifsnider, K.L. see O'Brien, T.K. 1-8374
- Reihanian, H. see Jamieson, A.M. 1-38245
- Reihanian, H. see Yu, T.L. 1-46181
- Reihl, B. Diffraction of spin polarised electrons from Au(110) 1-35154
- Reihl, B., Dunlap, B.I. Symmetry of the Au (110) surface reconstruction studied by spin-polarized low-energy electron diffraction 1-38630
- Reihl, B. see Greuter, F. 1-48229
- Reihl, R.F. see Wang, K.L. 1-38398
- Reijnders, H.F.R., Onderdelinden, D., Visser, M.G., Griepink, B. Use of an oxidative destruction and quadrupole mass spectrometric (QMS) detection for the determination of the organic elemental composition of suspended matter in surface water 1-43844
- Reijnhardt, R., Piepers, J., Toneman, L.H. Vapour cloud dispersion and the evaporation of volatile liquids in atmospheric wind fields. I. Theoretical model 1-13194
- Reijnhardt, R., Rose, R. Vapour cloud dispersion and the evaporation of volatile liquids in atmospheric wind fields. II. Wind tunnel experiments 1-13195
- Reik, H.G. An approximation of the ground state of $E \otimes e$ and $I_8 \otimes I_2$ Jahn-Teller systems based on Judd's isolated exact solutions 1-20678
- Reikhrudel', E.M. see Kononkova, N.N. 1-26387
- Reiland, T. Possible Nova in Camelopardalis 1-44570
- Reilinger, R. Elevation changes near the San Gabriel Fault, Southern California 1-35929
- Reilly, C.N. see Surprenant, H.L. 1-19111
- Reilly, D.A., Tekula, M.S., Patrick, R.M. Beam heating constraints on a low-voltage free-electron laser with visible output 1-10972
- Reilly, J.J., Johnson, J.R., Reidinger, F., Lynch, J.F., Tanaka, J., Wiswall, R.H. Lattice expansion as a measure of surface segregation and the solubility of hydrogen in $\alpha\text{-FeTiH}_x$ 1-2634
- Reilly, J.P., Kompa, K.L. Laser induced multiphoton ionization mass spectrum of benzene 1-29051
- Reilly, J.P. see Meek, J.T. 1-1290
- Reilly, M.A. The measurement of krypton-85 by a community monitoring program 1-45743
- Reilly, M.A. see Baratta, A.J. 1-41257
- Reilly, R.W. The economics of compressed air energy storage with thermal energy storage 1-53705
- Reilly, R.W., Brown, D.R., Huber, H.D. The economics of aquifer storage of chilled water for air conditioning 1-53693
- Reilly, W.I. Complete determination of local crustal deformation from geodetic observations 1-53962
- Reiman, A., Kaup, D. Multi-shock solutions of random phase three-wave interactions 1-51939
- Reiman, S.I., Mitrofanov, K.P. Laser velocity calibrator for a nuclear gamma-resonance spectrometer 1-51025
- Reimann, H. see Knotek, O. 1-21379
- Reimann, H. see Lugscheider, E. 1-12723
- Reimann, J. Heat pump with underground heat collector for a single dwelling house 1-17230
- Reimann, J. Experiences with ground-water heat pumps for space heating and direct hot water supply 1-17232
- Reimann, J. Experience with soil-water heat pump for heating and straight industrial water calefaction 1-43793
- Reimann, J. see Brinkmann, P.W. 1-39802
- Reimann, J. see Solbrig, C.W. 1-736
- Reimann, M., Murfin, W.B. Calculations for the decomposition of concrete structures by a molten pool 1-5879
- Reimann, M. see Alsemeyer, H. 1-5875
- Reimer, E. A test of objective meteorological analysis with optimum utilization of the radiosonde network in Central Europe 1-22387
- Reimer, J.A., Murphy, P.D., Gerstein, B.C., Knights, J.C. Silicon-29 cross-polarization magic-angle sample spinning spectra in amorphous silicon-hydrogen films 1-47957
- Reimer, J.A., Vaughan, R.W., Knights, J.C. Proton NMR studies of annealed plasma-deposited amorphous Si:H films 1-43025
- Reimer, P. see Batyuanov, B.V. 1-600
- Reimer, P. see Boos, E.G. 1-5661
- Reimold, W.U. see Jessberger, E.K. 1-4498
- Rein, A.J. see Herber, R.H. 1-38751
- Rein, D. see Jersak, J. 1-5600
- Rein, D.W. see Hegstrom, R.A. 1-1099
- Rein, J.E. see Marsh, S.F. 1-18600
- Rein, R. see Shibata, M. 1-1202
- Rein, R. see Zielinski, T.J. 1-51102
- Reina, C. see Morisetti, S. 1-14050
- Reina, G. see Amendola, A. 1-45634
- Reinders, L.J., Rubinstein, H.R., Yazaki, S. Masses of lowest lying heavy mesons in QCD 1-5603
- Reinders, L.J., Rubinstein, H.R., Yazaki, S. QCD contribution to vacuum polarization: the pseudoscalar unequal mass case 1-18445
- Reinders, L.J., Rubinstein, H.R., Yazaki, S. QCD contribution to vacuum polarization. II. The pseudoscalar unequal mass case 1-23481
- Reinders, R. A method to determine effective temperature diffusivities 1-34526
- Reine, M. see Broudy, R. 1-5383
- Reine, M.B. see Shanley, J.F. 1-40854
- Reinecke, S. see Freisinger, J. 1-15654
- Reinecke, M. see Ruder, H. 1-41347
- Reinecke, M. see Wunner, G. 1-5712
- Reinecke, T.L., Bimberg, D. Calculations of the critical points and ground states for electron-hole droplet condensation in SiC, GaP, and AlAs 1-52493
- Reinecke, T.L. see Forchel, A. 1-47495
- Reineke, H.H., Schramm, R., Steinberger, U. Heat transfer from a stratified two-fluid system with internal heat sources 1-5866
- Reineker, P. see Kuhne, R. 1-52607
- Reinen, D. see Munninghoff, G. 1-20146
- Reiner, H.-D. see Chicherov, V.M. 1-25028
- Reiner, H.-D. see Hildebrandt, D. 1-26783
- Reiner, H.-D. see Hildebrandt, D. 1-42214
- Reines, F., Sobel, H.W., Passier, E. Evidence for neutrino instability 1-5616
- Reingard-Nikulin, P.I. see Zapevalov, V.A. 1-941
- Reinhardt, R., Dale, D. Giotto - a mission to Halley's Comet 1-32590
- Reinhardt, C., Vollmann, W., Hamann, C., Libera, L., Trompler, S. Properties of oriented TFT-TCNQ thin films 1-20711
- Reinhardt, E.R. see Ott, R. 1-35864
- Reinhardt, H. Semiclassical theory of large amplitude collective excitations 1-10386
- Reinhardt, H. see Kotzler, J. 1-42951
- Reinhardt, J., Betz, W., Kirsch, J., Muller, B., Greiner, W., Soff, G. The present status of quantum electrodynamics of strong fields 1-45522
- Reinhardt, J., Muller, B., Greiner, W. Quantum electrodynamics of strong fields in heavy ion collisions 1-14987
- Reinhardt, J., Soff, G., Muller, B., Greiner, W. Dynamical aspects: coherent production of positrons in heavy ion collisions 1-14988
- Reinhardt, J. see Gartner, P. 1-18550
- Reinhardt, J. see Muller, U. 1-10114
- Reinhardt, J. see Soff, G. 1-46076
- Reinhardt, N. see Turnquist, D. 1-25114
- Reinhardt, R.T. see Sturzenegger, C. 1-34159
- Reinhardt, V.S. Integral bulb and microwave cavity for masers 1-37450
- Reinhardt, W.P. Recent formulations of e^+e^-H , e^+e^-He , e^+e^-He scattering: multichannel theory and comparison with experiment 1-51289
- Reinhart, E.R. A critical review of steam turbine spindle inspection 1-4041

- Reinhart, F.K. see Shank, C.V. 1-47638
- Reinhardt, M. see Atherton, H.W. 1-14529
- Reinhold, H.S., Hopewell, J.W. Late changes in the architecture of blood vessels of the rat brain after irradiation 1-26942
- Reinhold, M., Brunner, P., Ernst, R.R. Double quantum cross polarization via dipolar order 1-39009
- Reinhold, M. see Minoretta, A. 1-14153
- Reinhold, U., Neidhardt, A., Krauthem, G., Zehe, A. Enhancement effects of diffusion and impurity correlation coefficient in diluted Cu(Sn) alloys 1-30446
- Reinhold, U., Niedhardt, A., Krauthem, G., Zehe, A. A new interpretation of the solvent enhancement effect in diluted Au(Sn)-alloys 1-7371
- Reinicke, W.L., Riedel, E.P. Noise from natural draft cooling towers 1-29456
- Reinikainen, K. see Aberg, T. 1-26311
- Reininghaus, J. see Hamann, H. 1-30467
- Reinking, R.F. The respective effects of water vapor and temperature on the turbulent fluxes of sensible and latent heat 1-49319
- Reinov, N.M. see Bratskaya, T.G. 1-41587
- Reinovsky, R.E., Degnan, J.H., Kiuttu, G.F., Nuttleman, R.A., Baker, W.H. SHIVA X-ray source experiments 1-33087
- Reinovsky, R.E. see Degnan, J.H. 1-33024
- Reinovsky, R.E. see Nuttleman, R.A. 1-33014
- Reinovsky, R.E. see Smith, D.L. 1-33088
- Reinsch, E.-A. see Rosmus, P. 1-6338
- Reinsch, E.-A. see Werner, H.-J. 1-51098
- Reinsfelder, R.E., Denton, M.B. Theory and characterization of a separator analyzer mass spectrometer 1-36765
- Reintjes, J. Extreme ultraviolet picosecond pulses 1-19384
- Reintjes, J. Frequency mixing in the extreme ultraviolet 1-29331
- Reiplinger, E. Assessment of grain-oriented transformer sheets with respect to transformer noise 1-26004
- Reipurth, B. see Andersen, J. 1-36336
- Reipurth, B. see Eichendorf, W. 1-36296
- Reis, A.H., Jr. see Morrison, T.I. 1-26726
- Reis, H.L.M. Dos see Dos Reis, H.L.M.
- Reis, M.P. see Sumner, J.R. 1-18802
- Reisdorf, W. see Munzenberg, G. 1-50695
- Reisdorf, W. see Schmidt, K.-H. 1-50688
- Reiser, C. Interface for Biomatrix transient recorders to LSI-11 processors 1-36639
- Reisfeld, M. see Kim, K.C. 1-35516
- Reisfeld, M.J., Flicker, H., Goldblatt, M. Analysis of the Fourier transform spectra of $^{12}\text{C}^{17}\text{O}_2$ and $^{12}\text{C}^{18}\text{O}$: the ν_2 ($15\ \mu\text{m}$) region 1-1217
- Reisfeld, M.J. see Laguna, G.A. 1-6225
- Reisfeld, M.J. see McDowell, R.S. 1-24141
- Reisfeld, M.J. see Nelson, N. 1-1219
- Reisfeld, R., Boehm, L., Greenberg, E., Spector, N. Calculated radiative and nonradiative transition probabilities and stimulated cross-sections of selected Er^{3+} lines in oxide glasses 1-26236
- Reisfeld, R., Bornstein, A., Flahaut, J., Loireau-Lazac'h, A.M. Radiative transition probabilities and stimulated cross-sections of Nd^{3+} in $3\text{Ga}_2\text{S}_3\text{-La}_2\text{S}_3$ (GLS) and $3\text{Al}_2\text{S}_3\text{-La}_2\text{S}_3$ (ALS) glasses 1-26237
- Reisfeld, R., Kalisky, Y. Analysis of 750 nm laser emission of Ho^{3+} in tellurite, germanate and phosphate glasses 1-16584
- Reisfeld, R. see Boulon, G. 1-8107
- Reisfeld, R. see Moine, B. 1-52982
- Reisinger, H. see Chang, H.R. 1-48067
- Reisler, H., Mangir, M.S., Wittig, C. Kinetics of free radicals generated by IR laser photolysis. IV. Intersystem crossings and reactions of $\text{C}_2(\text{X}^2\Sigma^+)$ and $\text{C}_2(\text{A}^2\Pi_u)$ in the gaseous phase 1-1270
- Reisler, H. see Renlund, A.M. 1-41415
- Reisman, S., Friedman, K.J. A programmable temperature-controlled microscope stage for biomedical investigations 1-35855
- Reiss, D.B. see Harvey, J.A. 1-44683
- Reiss, E.L. see Ahluwalia, D.S. 1-29425
- Reiss, H. Polymer layers protective against corrosion and abrasion, transparent in the infrared and with low thermal emissivity on electrodeposited selectively absorbing surfaces in solar collectors 1-35230
- Reiss, H. see Qaim, S.M. 1-5780
- Reiss, H.R. Effect of an intense electromagnetic field on a weakly bound system 1-14969
- Reiss, P. see Ebner, H. 1-4411
- Reisse, G. see Weissmantel, C. 1-12671
- Reissland, J.A., Darby, S.C. Collective doses in the United Kingdom 1-28724
- Reist, H.W. see Johansson, T. 1-18694
- Reist, H.W. see von Gunten, H.R. 1-45553
- Reist, P.C. see Coover, S.R. 1-27256
- Reitan, A. Fresnel and recoil corrections to the Glauber theory of elastic electron scattering by hydrogen atoms and hydrogen-like ions 1-10843
- Reitan, A. Potential and Glauber scattering of electrons by complex atoms 1-29114
- Reitan, A. Potential and Glauber scattering of electrons by complex atoms 1-37327
- Reitan, A. see Skjog, R. 1-1375
- Reitblat, A.A. Hyperfine splittings in the rotational levels of C_2H molecule 1-32617
- Reite, M.L. see Mast, R.T. 1-32335
- Reiter, G. Lie groups, spin equations and the geometrical interpretation of solitons 1-28165
- Reiter, G. Have solitons been observed in CsNiF_3 ? 1-47873
- Reiter, G., Heller, P., Blume, M., Sjolander, A. Propagating energy modes in the Heisenberg chain: just plain magnons 1-16436
- Reiter, H. see Cox, R.L. 1-26700, 1-52236
- Reiter, R., Jager, H., Carnuth, W., Funk, W. Lidar observations of the Mount St. Helens eruption clouds over mid-Europe, May to July 1980 1-40156
- Reiter, R. see Muller, H. 1-4652
- Reiter, W.L., Stengl, G. Two types of photomultiplier voltage dividers for high and changing count rates 1-6105
- Reiter, W.L., Stengl, G. A blue light emitting diode used as a reference element in scintillation spectrometers 1-51026
- Reiterov, V.M., Trofimova, L.M., Shishatskaya, L.P. Influence of adsorbed films on the change in the spectral transmission of fluoride crystal windows in the vacuum ultraviolet (VUV) 1-37569
- Reiterov, V.M. see Arkhangel'skaya, V.A. 1-43143
- Reiterov, V.M. see Ershov, N.N. 1-31184
- Reith, T.M. see Howard, J.K. 1-48257
- Reithel, R.F. see Pearlmán, D. 1-10041, 1-10042
- Reithner, H. see Eggert, K. 1-14752
- Reithmüller, R. see Brandel, R. 1-23527
- Reitsema, H.J. Satellites of Saturn 1-32654
- Reitsema, H.J. 1980 S 6 1-40384
- Reitsema, H.J., Hubbard, W.B., Zellner, B.H., Lebofsky, L.A. High-speed photometry of the 11 December 1979 Juno occultation 1-40309
- Reitsema, H.J., Smith, B.A., Larson, S.M. A new Saturnian satellite near Dione's L4 point 1-4820
- Reitsema, H.J. see Millis, R.L. 1-54408
- Reitz, P.R. Preparation and control of the ends of optical fibres 1-15277
- Rej, D.J., Larabee, D.A., Fleischmann, H.H. Resistive wall interaction of axially moving field-reversed E layers or plasma rings 1-11566
- Rejman, M.A.Z. see Hooper, R.C. 1-11173
- Rek, Z. X-ray studies of boron implanted germanium single crystals 1-20247
- Rek, Z.J. see Puhala, M.J. 1-45332
- Rekalo, A.P. see Rekalo, M.P. 1-692
- Rekalo, M.P. Relation between the π^0 meson and γ -quantum production processes in colliding e^+e^- beams 1-10233
- Rekalo, M.P. The electric dipole moment of quarks and leptons with large transferred momenta 1-28318
- Rekalo, M.P. Possible manifestations of the second class currents in π -lepton pionic decays 1-36863
- Rekalo, M.P. Radiative decompositions of a W-boson and its anomalous magnetic moment 1-40999
- Rekalo, M.P. Manifestations of the weak interaction in pion electroproduction on nucleons. Mechanisms of P-invariance violation 1-41002
- Rekalo, M.P. Angular distributions of leptonic and hadronic decay products of the intermediate vector bosons 1-41021
- Rekalo, M.P. Weak interaction in electrical pion production at nucleons 1-45313
- Rekalo, M.P., Gakh, G.I., Rekalo, A.P. The splitting of polarized deuterons by polarized electrons 1-692
- Rekalo, M.P. see Duplii, S.A. 1-5575
- Rekalo, M.P. see Koval'chuk, V.A. 1-36872
- Rekhson, S.M. Linear and non-linear viscoelasticity of glass 1-31516
- Rekhson, S.M. see Boulos, E.N. 1-25171
- Rekin, A.D. Distribution of mass velocities of water-drop and steam flows in a heated tube with a turbulent air flow and injection of water along the wall 1-11449
- Reklaitis, A. see Pozela, J. 1-7629
- Reklaitis, A. see Ragutis, R. 1-38785
- Reklat, A. see Reich, P. 1-33456
- Rekova, L.P. see Zelenskii, V.F. 1-4003
- Reksnys, R. see Ketis, B.P. 1-20827
- Rekstad, J., Lovhoiden, G., Lien, J.R., El Kazaz, S., Ellegaard, C., Bierregaard, J., Knudsen, P., Kleinheinz, P. Studies of single-neutron holes in the transitional nuclei $N=83-89$: the $^{148,150,152}\text{Sm}(^3\text{He},\alpha)$ pick-up reactions 1-10295
- Rekstad, J. see Jin Gen-Ming 1-41029
- Reksten, G.M. see Hutchinson, M.H.R. 1-29268
- Relic, M. see Cartwright, D.K. 1-823
- Relis, M., Soroka, I. Compressive strength of low-porosity hydrated Portland cement 1-43433
- Relles, H.M. The influence of steric constraints on carbon-13 NMR aromatic substituent effects 1-14930
- Relyea, J.F. Diffusion coefficients and their use 1-30476
- Remacha, M.P.P. see Beltran, F.G. 1-6259
- Remaev, V.V. see Goncharov, K.S. 1-5679
- Remage Evans, N. see Percy, J.R. 1-40505
- Remani, K.N., Venugopal, P., Sarala Devi, K., Lalitha, S., Unnithan, R.V. Sediments of Cochin backwaters in relation to pollution 1-53717
- Remaud, B., Hernandez, E.S. Constants of motion and non-stationary wave functions for the damped, time-dependent harmonic oscillator 1-5156
- Remaud, B. see Gregoire, C. 1-41132
- Remaud, B. see Hernandez, E.S. 1-49975
- Rembaum, A. Hybrid polymer microspheres 1-39616
- Rembaum, A. see Yen, S.P.S. 1-16620
- Rembielinski, J. On the structure of the free field equations 1-18360
- Reme, H. see Cambou, F. 1-44403
- Reme, H. see Gringaux, K.I. 1-44372, 1-44373
- Reme, H. see Izhevskina, N.I. 1-44391
- Reme, H. see Vigo, J.M. 1-44363
- Remeika, J.P., Batlogg, B. Synthesis of CuCl 1-4075
- Remeika, J.P. see Andres, K. 1-42898
- Remeika, J.P. see Espinosa, G.P. 1-31327
- Remeika, J.P. see Hodeau, J.L. 1-38363
- Remeika, J.P. see Shenoy, G.K. 1-43053
- Remeika, J.P. see Walstedt, R.E. 1-52344
- Remenyuk, P.I., Rarenko, I.M., Polyak, M.I. On the temperature dependence of the characteristic temperature and thermal expansion coefficient of $\text{Cd}_{1-x}\text{Hg}_x\text{Te}$ crystals 1-2583
- Remesnik, V.G. see Karnatovskii, V.E. 1-6526
- Remesnik, V.G. see Krasnov, V.F. 1-52445
- Remiddi, E. see Barbieri, R. 1-547
- Remiddi, E. see Buchmüller, W. 1-37370
- Remillard, R. see Kriss, G.A. 1-17912
- Remillard, R.A., Canizares, C.R., McClintock, J.E. The discovery of an O subdwarf in the globular cluster NGC 6712 1-9479
- Remisow, W.N. see Kestelman, W.N. 1-8438
- Remizov, L.P. Optimal running on skis in downhill 1-32162
- Remizov, V.V. see Burgov, V.A. 1-45063
- Remizova, A.A., Blokhin, V.F., Chichagova, Yu.L., Fedorova, V.N. Phase and relaxation transitions in polymers by the volume dilatometry method 1-19555
- Remizovich, V.S., Ryazanov, M.I., Tilinin, I.S. Back scattering of a planar beam of fast charged particles at grazing incidence on a material surface 1-31265
- Remko, M., Durinda, J., Heger, J. Conformational analysis of 2', 3' and 4'-azachalcones by molecular orbital calculations 1-51127
- Remko, M., Krasnee, L. Model studies of interactions between amino acids and carboxylic acids: a PCIO MO study of the effects of hydration on hydrogen bonding and proton transfer in the system acetic acid-imidazole 1-1107
- Remyakov, V.Z. see Kapustin, V.K. 1-11297
- Remole, A. Heine's principle in vergence stimulation 1-17396
- Remorov, V.E., Putintsev, V.A. Transistor differential temperature transducer 1-18225
- Rempe, N.G. see Belyuk, S.I. 1-25079
- Remsen, D.B., Jr. Electron cyclotron pulse gyrolystron power supply 1-6065
- Remsen, D.B., Jr., Overett, T.H. 8 MVA modulator/regulator for neutral beams 1-33351
- Remv, L. see Chaland, G. 1-31651
- Remy, J.C. see Hantzpergue, J.J. 1-34818
- Remy, L., Chaland, G. The occurrence of FCC deformation twinning under cyclic conditions and strain reversibility in high-strain fatigue 1-30247
- Ren, S.Y. Extended bond orbital theory of piezoelectric and transverse charges 1-12458
- Ren Bingfu see Li Yushan 1-37607
- Ren Guo-Xiao see Chen Ying-Xuan 1-45789, 1-49465
- Ren Jian-guo see Hu Xin-Kang 1-49209
- Ren Shang-Yuan see Shang-Yuan Ren
- Ren Wang see Wang Ren
- Ren Zeng-xun Dynamical response of elastic structures on quadric eigenvalue problems and engineering solution for dynamical response problems of elastic structures 1-1824
- Ren-chuan Wang see Wang Ren-chuan
- Ren-Fa Feng see Feng Ren-Fa
- Ren-Huai Chen see Chen Ren-Huai
- Ren-ji Tang see Tang Ren-ji
- Ren-ji Zhang see Zhang Ren-ji
- Ren-Tai Chiang, Dornring, J.J. Effective diffusion tensors for systems with two- and three-dimensional periodic lattices 1-23814
- Ren-yuan Qian see Qian Ren-yuan
- Renard, E.V., Zolvenskii, M.Ya. Simulation of nuclear-fuel solvent-extraction reprocessing. VII. Separation of macroscopic amounts of plutonium and uranium by displacement reextraction of plutonium in reprocessing fast-reactor fuel (section 1) 1-28685
- Renard, F.M. see Capdequi-Peyranere, M. 1-14319
- Renard, J.P. see Bourdel, D. 1-42996
- Renard, L. see Mertens, A. 1-3977
- Renard, M. Transition metal trichalcogenides 1-42764

- Renard, M., Delmelle, M. Quantum efficiency of light-driven proton extrusion in *Halobacterium halobium*. pH dependence 1-26940
- Renard, R. see Coutures, J.P. 1-42542
- Renard, R. see Granier, B. 1-48336
- Renaud, L. see Joy, M.L.G. 1-53877
- Renbao Liu see Chuanli Zhang 1-16459
- Rendell, R.W., Penn, D.R. Spin dependence of the electron mean free path in Fe, Co, and Ni 1-30729
- Rendell, R.W. see Adams, A. 1-8147
- Reneker, D.H., Mazur, J., Colson, J.P., Snyder, R.G. Trans-gauche concentration in crystalline polyethylene measured by the intensity of rocking mode vibrations of deuterated methylene groups 1-11683
- Renero, C., Prieto, F.E. Thermodynamical expressions for the parameters of the linear relationship $U_i = a + bU_j$ 1-38556
- Renero, C. see Prieto, F.E. 1-38494
- Renfordt, R. see Arlt, U. 1-5796
- Renngarajan, S. see Raghavan, S. 1-22437
- Renhorn, I. Intensity anomalies in ^{252}Cf transitions 1-10787
- Renhorn, I. see Appelblad, O. 1-37209
- Renhorn, I. see Lapatovich, W.P. 1-29074
- Renier, B. see Baudinet-Robinet, Y. 1-46101
- Renieri, A. see Dattoli, G. 1-1538, 1-15136, 1-29245, 1-51438
- Renk, K.F. see Eisfeld, W. 1-15979
- Renkhoff, M. see Gerhardt, B. 1-28328
- Renlund, A.M., Reiser, H., Wittig, C. The influence of laser intensity on the rotational distribution of $\text{CN}(X^2\Sigma^+)$ produced via IR multiple-photon dissociation 1-41415
- Renn, A. see Brieger, M. 1-29141, 1-46166
- Renna, L. see Anni, R. 1-14533, 1-50613
- Renne, I.I., Petrushin, G.D. Influence of microinhomogeneity in stress-strain state of cast iron on special features of failure of cast iron 1-21573
- Renne, I.I. see Golovin, S.A. 1-12823, 1-42461
- Renneberg, W. see Evangelista, C. 1-45354
- Renner, D., Henshall, G. Narrow-stripe injection lasers in GaInAsP/InP 1-46345
- Renner, O. Microelectronics '80: arrival of X-ray lithography 1-45089
- Renner, R.G.B. see Brown, C. 1-27051
- Renner, W.W. see Cavanagh, R.C. 1-11234
- Rennert, A.R., Steel, C. Variation in the dissociation lifetimes of triplet acetophenone and p-trifluoromethylacetophenone as a function of excitation energy 1-41414
- Rennie, A.J. see Higginson, R.F. 1-1772
- Rennie, L.J. The TAP III beamforming system 1-37736
- Renninger, G.H. see Maxwell, J.A. 1-39914, 1-39915
- Renno, P. see d'Anna, A. 1-2041
- Renny, L.V. see Kirby, R.E. 1-7469
- Renon, H. see Figueire, P. 1-36672
- Renoux, A. see Madeline, G.J. 1-43711
- Rensel, W.B., Steinman, D.A., Crawley, R.L., Tanner, D.J. Wall nonuniformity measurement of inertial fusion targets using a rolling technique 1-23853
- Rensink, M.E. see Logan, B.G. 1-34105
- Renskii, I.S. see Stoyanov, P.A. 1-45080
- Renson, P. On the period determination of variable stars 1-32704
- Renton, J.D. On the buckling of thick spherical shells under normal pressure 1-33921
- Renton, P. Total cross-sections of neutrinos and antineutrinos in BEBC in the energy range 20-200 GeV 1-28312
- Renton, P. see Allen, P. 1-14367, 1-36856, 1-36857
- Renton, P. see Blitschau, J. 1-10190
- Renton, P. see Deden, H. 1-28311
- Renton, P. see Fritze, P. 1-14431
- Renton, P. see Grassler, H. 1-50414
- Rentschler, I. see Seiler, H. 1-54195
- Rentschler, J.A. see Coldren, L.A. 1-24428
- Rentsch, S. see Schumacher, G. 1-25690
- Renucci, J.B. see Carles, R. 1-26206, 1-39094, 1-48062
- Renucci, M.A. see Carles, R. 1-26206, 1-39094, 1-48062
- Renucci, M.A. see Zwick, A. 1-12492
- Renuncio, J.A.R. see Diaz Pena, M. 1-1298
- Renz, H. see Benz, K.W. 1-48269
- Renzhi, W. Effect of residual stresses of shot peening on the fatigue behaviour of a high strength steel 1-3889
- Renzi, R. De see De Renzi, R.
- Renzi, A., Voli, M. Advanced evolutionary stages of intermediate-mass stars. I. Evolution of surface compositions 1-49608
- Renzi, G. de see De Renzi, G.
- Reolou, A.R. see Capitani, G.P. 1-23936
- Repacholi, M.H. see Stuchly, M.A. 1-4325
- Repalov, N.S. see Korsunsky, A.M. 1-10554
- Repapis, C. see Xanthakis, J. 1-54166
- Repchenkov, V.I. Gravitational interaction of plane neutrino waves 1-50010
- Repelli, J.-P. see Bourquin, M. 1-10276
- Reputur, H. see Noel, F. 1-9419
- Rephaeli, Y. On the determination of the degree of cosmological Compton distortions and the temperature of the cosmic blackbody radiation 1-44676
- Rephaeli, Y., Salpeter, E.E. Flow past a massive object and the gravitational drag 1-13864
- Repik, E.U., Kuzenkov, V.K. A new method of experimental determination of surface friction in a turbulent boundary layer 1-51762
- Repik, E.U. see Mikhailova, N.P. 1-19840
- Repin, A.I. see Kolchin, A.A. 1-22653, 1-36130
- Repin, V.B. Heat transfer of a cylinder in a complex sound field 1-15489
- Repin, V.N. see Gul'yel'mi, A.V. 1-4710
- Repinski, S.M. see Shklyavay, A.A. 1-25542
- Repinsky, S.M., Semyonova, O.I. Molecular processes on the semiconductor surface in the Ge-S system 1-38669
- Repintsev, L.V. see Mazmanishvili, A.S. 1-989
- Repko, V.P. see Olevskii, S.S. 1-12607
- Repko, W. Scale transformations and the variational principle 1-27732
- Repko, W.W. see Hostler, L.C. 1-50297
- Repnow, R. see Brix, P. 1-972
- Repnow, R. see Ingwersen, H. 1-6062
- Repp, B.H. see Mann, V.A. 1-46633
- Repp, H. see Claassen, H.A. 1-25044
- Reppin, C. see Pietsch, W. 1-54661
- Reppin, C. see Stauber, R. 1-9724
- Reppy, J.D. see Bishop, D.J. 1-25524
- Reprintsev, L.V. see Batygin, Yu.V. 1-23923
- Repsas, K. see Geciauskas, S. 1-23312
- Repsas, K. see Vasilets, O. 1-16291
- Repuhkov, V.M. Heat and mass transfer in turbulent boundary layer on impermeable and adiabatic wall 1-1976
- Requena, A. see Atabek, O. 1-1296, 1-40662
- Requena, A. see Beswick, J.A. 1-24200
- Requeme, Y. Automatic photoelectric transit circles 1-32622
- Res. Group High Background Radiation see High Background Radiation Res. Group
- Resagk, H. see Schwenkenbecher, K. 1-3444
- Resandt, R.W.W. van see van Resandt, R.W.W.
- Resandt, R.W. Wijnandts van see Wijnandts van Resandt, R.W.
- Resca, L. see Doni, E. 1-47430
- Resch, G., Gutmann, V. The hierarchic order of the solid state. I. Fundamental considerations 1-30223
- Resch, G.M. see Walker, R.C. 1-54503
- Reschke, J. see Schiller, S. 1-12959
- Rescigno, T.N., Orel, A.E. Generalization of the separable approximation to scattering in the presence of long-range forces 1-51283
- Rescigno, T.N., Orel, A.E., McCurdy, C.W. Application of complex coordinate SCF techniques to a molecular shape resonance: The $^{21}\text{F}_2$ state of N_2 1-33405
- Rescigno, T.N. see Hazi, A.U. 1-51301
- Rescigno, T.N. see Langhoff, P.W. 1-24196
- Rescigno, T.N. see McCurdy, C.W. 1-1065
- Resendiz, G. see Roth, M. 1-9375
- Reshchikova, L.M., Mishchenko, A.V., Nizhnikova, V.O., Krysin, V.A. Phase transitions in $\text{Rb}(\text{D}_2\text{H}_9)_2\text{PO}_4$ crystals in the range 290-320K 1-25431
- Reshetikhin, N.Yu. see Kulish, P.P. 1-42940
- Reshetin, A.I. see Akimov, Yu.K. 1-41115
- Reshetnikov, B.S. see Masalovich, V.M. 1-35514
- Reshetnikov, V.A. see Bakrunov, A.O. 1-38025
- Reshetnyak, N.B. see Maksimova, T.I. 1-21210
- Reshetov, I.I. see Nasibov, A.S. 1-6577
- Reshina, I.I. see Zakhar'yeva, B.P. 1-48147
- Reshonov, S.P., Lunk, A. Investigation of processes in the active zone of hollow cathode arc discharge-electron energy distribution function and velocity of excitation and ionisation 1-19989
- Reshotko, E., Khan, N.M.S. Stability of the laminar boundary layer on a blunt plate in supersonic flow 1-42035
- Resing, H.A. see Miller, G.R. 1-38989
- Reske, E.J. see Hecht, K.T. 1-50501
- Ressayre, E. see LeBerre-Rousseau, M. 1-41341
- Rest, L. see Resta, R. 1-25684
- Resta, R., Resta, L. Ionized impurity scattering in semimetals 1-25684
- Resta, R. see Cimriaglia, R. 1-51137
- Restbergs, V. see Radiceila, S.M. 1-40260
- Restelli, G. see Giorgianni, S. 1-14885
- Rester, A.C., Ball, J.B., Able, R.L. Nuclear structure study of states in ^{72}Ge and ^{74}Ge with (p,t) reactions 1-5697
- Resua, R., Petracco, N. Fiber optics illumination for use in dispersion staining 1-15276
- Resvanis, L.K. see Diakonou, M. 1-10256
- Resvanis, L.K. see Kourkoumelis, C. 1-5665
- Resvanis, L.M. see Kourkoumelis, C. 1-50474
- Resvoy, D.P. see Belousov, V.V. 1-49244
- Reszka, K. see Kwiatkowski, A. 1-48306
-

- Rey, C., Zaoui, A. Strain accommodation in copper and aluminium incompatible bicrystals 1-21558
- Reya, E. Deep inelastic structure functions: Decision tests of QCD 1-45311
- Reyenga, A. see Shearer, J.W. 1-33983
- Reyes, A. see Brune, J.N. 1-32525
- Reyff, Chr. de see Reyff, Chr.
- Reyment, R.A. Paleo-oceanology and paleobiogeography of the Cretaceous South Atlantic Ocean 1-35968
- Reymond, L., Wolfe, J. Behavioural determination of the contrast sensitivity function of the eagle *Aquila audax* 1-39923
- Reyna Almandos, J. see Scaffardi, L. 1-10987
- Reynaers, H. see Groeninckx, G. 1-16024, 1-16811
- Reynaud, C. see Boiziau, C. 1-39207
- Reynaud, C. see Creer, K.M. 1-35933
- Reynaud, F. see Lamine, A.B. 1-52136
- Reynolds, A.B. see Amblard, M. 1-36990
- Reynolds, A.J. see El Telbany, M.M.M. 1-2080
- Reynolds, C.L., Jr., Anderson, A.C. Thermal resistivity of solid hydrogen or deuterium at high ortho or para concentrations 1-25529
- Reynolds, D.A., Stamataki, T., Walker, A.C. The TROJAN high power CO₂ laser system 1-29299
- Reynolds, D.C., Litton, C.W., Almasy, R.J., McCoy, G.L., Nam, S.B. Complexes due to donor-acceptor-type transitions in GaAs 1-8113
- Reynolds, G.A. see Alfano, R.R. 1-46356
- Reynolds, G.A. see Kranitzky, W. 1-41691
- Reynolds, G.A. see Saric, W. 1-37895
- Reynolds, G.H. see Elsner, N.B. 1-52588
- Reynolds, G.L. see Woods, J.E. 1-31997
- Reynolds, J.H. see Smith, J.F. 1-8404
- Reynolds, L.O., McCormick, N.J. Approximate two-parameter phase function for light scattering 1-10918
- Reynolds, P.J. see Gonzalez, A.E. 1-27898
- Reynolds, P.J. see Redner, S. 1-46979
- Reynolds, R.J. see Heiles, C. 1-44652
- Reynolds, R.T. see Cassen, P. 1-36210
- Reynolds, R.T. see Peale, S.J. 1-4818
- Reynolds, S., Gregson, L.D., Horley, C.C., Oxley, D.P., Pritchard, R.G. A simple digital inelastic electron tunnelling spectrometer 1-50286
- Reynolds, S.P., McKee, C.F. The compact radio source at the galactic center 1-13869
- Reynolds, T.H. Measuring electrolytes 1-33007
- Reynolds, T.M. Metallization of connectors with autocatalytic nickel 1-43617
- Reynolds, W.C. see Birken, S. 1-51757
- Reyss, J.M. see Raisbeck, G.M. 1-32468
- Reyzer, K.C., Casperson, L.W. Polarization characteristics of dye-laser amplifiers. I. Unidirectional molecular distributions 1-41686
- Reyzer, K.C., Casperson, L.W. Polarization characteristics of dye-laser amplifiers. II. Isotropic molecular distributions 1-41687
- Rez, I.S., Rozenman, G.I., Chepelev, Yu.L., Angert, N.B., Zhashkov, A.A. Emission of high-energy electrons accompanying the pyroelectric effect in lithium tantalate 1-3337
- Rez, I.S. see Anisratov, A.T. 1-12476
- Rez, I.S. see Bersuker, I.B. 1-21136
- Rez, I.S. see Dimarova, E.N. 1-52905
- Reza, R. de la see de la Reza, R.
- Rezaie-Serej, S. see Grindle, S.P. 1-16695
- Rezanova, N.M. see Tsebenko, M.V. 1-47140
- Rezay, E.H., Sak, J., Solyom, J. Symmetry properties of one-dimensional Fermi systems: Some nonperturbative results 1-42754
- Rezhnikov, A.A., Puchkov, E.V. Arrangement for checking noise-factor meters 1-297
- Rezhnikova, T.V. see Domashnev, I.A. 1-34819
- Rezek, E.A., Vojak, B.A., Chin, R., Holonyak, N., Jr., Sammann, E.A. Thin-layer liquid phase epitaxy of InGaPAs heterostructures in short intervals (<100 ms): non-diffusion-limited crystal growth 1-47409
- Rezek, E.A. see Kirchoefer, S.W. 1-46368
- Rezende, S.M., de Araujo, C.B., Montarroyos, E., Jacarino, V. Giant enhancement of the Raman scattering by local magnon modes in FeF₂Mn²⁺ 1-3412
- Rezende, S.M. see Koiller, B. 1-12275
- Rezende, S.M. see Sanders, R.W. 1-43018
- Rezgui, B. see Levallant, C. 1-39454
- Rezhnev, B.V. see Vorobyev, V.G. 1-22564
- Reznichenko, A.A. see Gogishvili, O.Sh. 1-20411
- Reznichenko, L.A. see Razumovskaya, O.N. 1-39286
- Reznichenko, N.P. see Gubin, V.V. 1-46768, 1-46864
- Reznichenko, V.A., Model', M.S., Talmud, N.I. Mutual solubility of the compounds Ti₂O₃ and MgTiO₃ 1-11863
- Reznichenko, V.F. see Verigin, A.M. 1-16033
- Reznichenko, V.Ya. see Brodin, M.S. 1-12556
- Reznik, A.I., Rudenko, N.V. Relation between internal and external functions of metals 1-30806
- Reznik, B.I. see Kostyuchenko, V.I. 1-9041
- Reznik, E.M. see Dzhrinitski, B.F. 1-39136
- Reznik, G.M. see Flierl, G. 1-4563
- Reznik, I.I. see Litvinenko, L.N. 1-46201
- Reznik, L.E. see Goryainov, S.V. 1-25391
- Reznik, V.Yu. see Andrianova, V.G. 1-25071
- Reznik, V.Yu. see Dvurechenskii, A.V. 1-12495, 1-39060
- Reznikov, A.I. see Dashevskaya, E.I. 1-33535
- Reznikov, B.S. Initial failure of cylindrical ribbed shells of reinforced materials 1-29574
- Reznikov, B.S. Rational design of ribbed reinforced shells based on initial rupture 1-30313
- Reznikov, M.G., Khizhnyak, A.I. Properties of a resonator with a wavefront-reversing mirror 1-6586
- Reznikov, P.V. see Bulakh, B.M. 1-43254
- Reznikov, P.V. see Kozlovskii, V.I. 1-37512
- Reznikov, S.I.A. A limit theorem of the type of phase enlargement for random processes complemented to weak inhomogeneous Markov's processes 1-36568
- Reznikov, V.A. see Kashnikov, G.N. 1-34054, 1-51466
- Reznikov, V.I., Segal, V.M. Experimental study of the stress-strain state in the neck of a cylindrical specimen during extension 1-30301
- Reznikov, Yu.A. see Gorbachev, V.I. 1-35485
- Reznikov, Yu.A. see Odulov, S.G. 1-29238
- Reznikov, Yu.Yu. see Vanyashin, V.S. 1-50333
- Reztsov, V.F. see Glushkov, E.A. 1-25814
- Rezvaya, G.L. see Bondarenko, V.A. 1-635
- Reziakova, Z.N. Correction of the frequency response in the listening room 1-33852
- Rezyvi, R.R. see Orion, B.V. 1-52777
- Rhee, M.J. Heavy-ion beams produced by high-voltage pulse-powered plasma focus 1-37033
- Rhee Juong G. see Juong G. Rhee
- Rhee Moon-Jong see Moon-Jong Rhee
- Rheenen, A. Van see Van Rheenen, A.
- Rheinboldt, W.C. see Babuska, I. 1-24671
- Rheingrover, S.W. see Lannefors, H.O. 1-54224
- Rhines, P.B. see Holland, W.R. 1-32454
- Rhines, P.B. see Young, W.R. 1-4512
- Rhinewine, M. see Murray, C.A. 1-35035
- Rho, M. see Brown, G.E. 1-23498
- Rho, M. see Vento, V. 1-10178
- Rhoades, M.L. see Quincy, E.A. 1-9281, 1-36072
- Rhoades, W.A. see Tomlinson, E.T. 1-18714
- Rhodes, C.K. see Bokor, J. 1-6139
- Rhodes, C.K. see Rothschild, M. 1-24164
- Rhodes, E. see May, R.S. 1-5965
- Rhodes, E.J., Jr. see Lubow, S.H. 1-27468
- Rhodes, J.F. see Cooke, D.W. 1-16614
- Rhodes, M. see Williams, E.W. 1-4199
- Rhodes, N.L. see Personick, D.L. 1-11169
- Rhodes, P.W., Shealy, D.L. Reflective optical systems for irradiance redistribution of collimated radiation: their design and analysis 1-11056
- Rhodes, W. see Cable, R. 1-37175
- Rhodes, W.T. Acousto-optic signal processing: convolution and correlation 1-33630
- Rhodes, W.T. Contrast in time-integration optical processing 1-51404
- Rhodin, T.N. see Jensen, E.S. 1-3575
- Rhodin, T.N. see Seabury, C.W. 1-3576
- Rhyne, J.J., Koon, N.C., Alperin, H.A. Magnetic excitations in TbFe₂ 1-25888
- Rhyne, J.J. see Fish, G.E. 1-25203
- Rhyne, J.J. see Hardman, K. 1-20142
- Rhyne, J.J. see Koon, N.C. 1-20972, 1-34874
- Rhyne, J.J. see McCarthy, G.J. (editor) 1-22953
- Riad, S., Refai, E., Ghalib, M. Bouguer anomalies and crustal structure in the eastern Mediterranean 1-54041
- Riadovikov, V.N. see Ajinenko, I.V. 1-592, 1-23525
- Riadovikov, V.N. see Chliapnikov, P.V. 1-599, 1-36886
- Riadovikov, V.N. see Saudraix, J. 1-5666
- Riahi, N. On a nonlinear hydromagnetic convection under a rotational constraint 1-15491
- Riahi, N. Boundary-layer solutions of single-mode convection equations 1-46741
- Riales, L.J. see Rogers, B.C. 1-50847
- Rialland, J.F. see Loge, B. 1-39755
- Riazi, A., Christensen, D.A., Gandhi, O.P. Image transfer through a Fabry-Perot interferometer 1-40838
- Riazi, A. see Christensen, D.A. 1-1669
- Riazi, M.R., Daubert, T.E. Application of corresponding states principles for prediction of self-diffusion coefficients in liquids 1-2123
- Riazuddin, Fayyazuddin Dirac neutrino mass in a left-right symmetric gauge model 1-14304
- Riazuddin see Craigie, N.S. 1-5568
- Ribansky, I., Betak, E. Preequilibrium models of nuclear reactions. Exciton model 1-14509
- Ribaric, M., Zeks, B. Antisymmetry of the logarithm of the compressibility factor $\chi(p)$ of real gases 1-29834
- Ribault, M., Flouquet, J., Haen, P., Lapierre, F., Mignot, J.M., Holtzberg, F. Pressure study of the metal-insulator transition in TmSe 1-3025
- Ribault, M., Pouget, J.-P., Jerome, D., Bechgaard, K. Superconductivity and absence of a Kohn anomaly in the quasi-one-dimensional organic conductor: (TMTSF)₂AsF₆ 1-20900
- Ribault, M., Pouget, J.-P., Jerome, D., Bechgaard, K. Superconductivity and absence of a Kohn anomaly in the quasi-one-dimensional organic conductor: (TMTSF)₂AsF₆ 1-20900
- Ribault, M. see Benoit, A. 1-30898
- Ribault, M. see Schulz, H.J. 1-38879
- Ribbe, P.H. see Francis, C.A. 1-47048
- Ribbegaard, G.K., Jones, R.N. The measurement of the optical constants of thin solid films in the infrared 1-16616
- Ribe, F.L. The future options [for fusion reactor R and D] 1-41235
- Ribeiro, A. see Nanda, R.K. 1-1257
- Ribeiro, C.A. Method for obtaining small sets of pseudo random numbers with uniform distribution 1-174
- Ribeiro, G.M., Franco, J.O., Alves, J.L.A., de Siqueira, M.L. Electronic structure of Au⁺ substitutional impurity in KCl: Optical absorption band measurements and a molecular cluster model interpretation 1-12530
- Ribeiro, G.M. see Machado da Silva, J.C. 1-43009
- Ribeiro, J.E.F.T. Microscopic calculation of the repulsive core in the elastic nucleon-nucleon scattering 1-5653
- Ribeiro, J.P., Byrne, J. Determination of β -particle longitudinal polarization in the decay of ²¹⁰Bi 1-28459
- Ribeiro, J.P. see Abreu, M.C. 1-23600
- Ribeiro, M.M. A turbulence closure of the transport equation for the probability density of velocity 1-1938
- Ribeiro, P.C. see Eghrari, I.R. 1-5346
- Ribes, E., Unno, W. Steady flow models of dark filaments 1-27437
- Ribes, M. see Bizot, J.C. 1-10243
- Ribet, J.L. see Bon, A.M. 1-16568
- Ribler, M. see Hassan, M.H. 1-119
- Ribot, J.H.J.M., Bass, J., van Kempen, H., van Vucht, R.J.M., Wyder, P. Electrical resistivity of aluminum below 4.2 K 1-42743
- Ribot, J.H.J.M. see van Kempen, H. 1-47605
- Ricard, A. see Chouan, Y. 1-38184
- Ricard, A. see Jolly, J. 1-41482
- Ricard, L.Ph. see Minster, J.F. 1-51303
- Ricard, M., Lisbona, A., Morucci, J.P., Rouleau, J. Electret dosimeter for low energy X-rays 1-9030
- Ricca, A.M. see Asdente, M. 1-50160
- Ricca, F. see Dovisi, R. 1-34609
- Riccati, L. see Errico, O. 1-23490
- Riccatto, A. see Uecker, H. 1-26338
- Ricchena, R. see Corno, S.E. 1-14573
- Ricchiuzzi, P.J. see Canfield, R.C. 1-9446
- Ricci, E., Fields, L.W., Rushton, J.E. Review of DNA technology for enrichment plant safeguards 1-14633
- Ricci, F.P. see Dupre, F. 1-20437
- Ricci, M.V. see Elen, J.D. 1-50923
- Ricci, P. see Cambi, A. 1-45493
- Ricci, R.A. see Cernigoi, C. 1-50657
- Ricci Bitti, R. see Candiotti, M. 1-16461
- Ricciardi, L. see Bovolini, G. 1-762
- Ricciardi, L. see Capelo, A. 1-53808
- Ricciardiello, F. see Longo, V. 1-16748
- Ricciard, H.D., Smith, D.S. Electron tunnelling and polarity reversal of tungsten-nickel point-contact diodes 1-52661
- Ricco, G. see Corvisiero, P. 1-5751
- Ricco, T. see Pavan, A. 1-21582
- Rice, C.E., Bridenbaugh, P.M. Observation of electrochromism in solid-state anodic iridium oxide film cells using fluoride electrolytes 1-48033
- Rice, D.A. Sound speed in the upper airways 1-26937
- Rice, G.E., Bannister, T.T. Slow fluorescence fluctuations following high light to low light or dark transitions in Chlamydomonas reinhardtii 1-13221
- Rice, J., McDonald, D.B., Lay-Keow Ng, Yang, N.C. Effect of viscosity on fluorescence of anthracenes in solution 1-12566
- Rice, J.E. see Finkelthal, M. 1-51987
- Rice, J.E. see Marmar, E.S. 1-29901
- Rice, J.K., Tisone, G.C., Patterson, E.L. Oscillator performance and energy extraction from a KrF laser pumped by a high-intensity relativistic electron beam 1-29262
- Rice, J.K. see Trott, W.M. 1-39656
- Rice, J.M. see Lattanzi, P. 1-40126
- Rice, J.R. see Evans, A.G. 1-3832
- Rice, J.R. see Hirth, J.P. 1-11971
- Rice, J.R. see Needleman, A. 1-2705
- Rice, J.W. see Lindberg, D.D. 1-25108
- Rice, M. see Urano, M. 1-39884
- Rice, M.J. see Pietronero, L. 1-2948
- Rice, P.D., Hall, J.M., Opydie, N.D. Deep drill 1972: a paleomagnetism study of the Bermuda Seamount 1-44099
- Rice, R.R. see Hall, D.G. 1-1571
- Rice, R.W., Pohanka, R.C., McDonough, W.J. Effect of stresses from thermal expansion anisotropy, phase transformations, and second phases on the strength of ceramics 1-39432
- Rice, S.A. see Belch, A.C. 1-38224
- Rice, S.A. see D'Evelyn, M.P. 1-42273
- Rice, S.A. see Kosloff, R. 1-44775, 1-44865
- Rice, S.A. see Rolfe, T.J. 1-32937

- Rice, S.A. *see* Tusa, J. 1-35521
- Rice, S.L., Wayne, F., Nowotny, H. Application of material transport methodology to the impact wear of two in situ composites 1-21593
- Rice, S.L., Wayne, S.F. Wear of two titanium alloys under repetitive compound impact 1-12883
- Rice, S.L., Wayne, S.F., Bailey, W.F., Roto, M. Influence of variation in contact stress on the sliding-wear behaviour of a dental amalgam 1-48519
- Rice, T.M. Charge density waves in transition metal compounds 1-30653
- Rice, T.M. Landau theory of the charge-density-wave state in tantalum diselenide under pressure 1-52508
- Rice, T.M. *see* Bhatt, R.N. 1-47478, 1-47566
- Rice, W.W., Oldenberg, R.C., Wantuck, P.J., Tice, J.J., Wampler, F.B. Temperature dependence of the laser-induced fluorescence of UF_6 in the A-X band 1-10776
- Rice, W.W. *see* Tice, J.J. 1-29054
- Rice-Evans, P., Chaglar, I., El Khangi, F.A.R. Evidence for zero-point motion of positrons in metals 1-43207
- Rich, A. Recent experimental advances in positronium research 1-41523
- Rich, A. *see* McPherson, A. 1-8808
- Rich, B.L. Department of Energy requirements for the physical protection of special nuclear material 1-14595
- Rich, D.C. A color metric from opponent-color visual channels 1-17381
- Rich, D.C. *see* Thamer, B.J. 1-850
- Rich, F.J. *see* Smiddy, M. 1-40258
- Rich, J.A. *see* Heagy, S.M. 1-50433
- Rich, M. *see* Vischer, W.M. 1-20549
- Richard, A. *see* Dose, V. 1-29090
- Richard, D. Study of the internal mechanics of space photovoltaic generators 1-39784
- Richard, E.W. *see* Bradley, R.T. 1-14612
- Richard, F. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Richard, F. *see* Ferrer, A. 1-50463
- Richard, J.L., Rouet, A. The saddle point method for the double well anharmonic oscillator 1-27824
- Richard, J.M. Validity of the nuclear model 1-28305
- Richard, J.M. *see* Dover, C.B. 1-36853
- Richard, J.M. *see* Hasenfratz, P. 1-5604, 1-28294
- Richard, J.-P. *see* Davis, W.S. 1-23098
- Richard, P. *see* Allegre, C.J. 1-40085
- Richard-Serre, C. *see* Huck, A. 1-23609
- Richard-Serre, C. *see* Marguier, G. 1-23588
- Richard-Serre, C. *see* Schuck, C. 1-10351
- Richards, A.D. *see* Shires, G.L. 1-33288
- Richards, A.H. *see* Stein, V.B. 1-31923
- Richards, B.P. *see* Footner, P.K. 1-48631
- Richards, D., George, J.F., Seward, J.S. Design of 50-MW grazing and moored OTEC pilot/demonstration plants 1-53646
- Richards, D. *see* Bhattacharyya, S.S. 1-6347
- Richards, D. *see* de Kertanguy, A. 1-45899
- Richards, E.W.T. *see* Cairns, J.A. 1-28594
- Richards, K.J., Taylor, P.A. A numerical model of flow over sand waves in water of finite depth 1-54149
- Richards, O.W. *see* Lange, J.E. 1-8944
- Richards, P.G. *see* Menke, W.H. 1-22254
- Richards, P.G. *see* Torr, M.R. 1-40240
- Richards, P.G. *see* Young, E.R. 1-22613
- Richards, P.H. *see* Watson, J. 1-42213
- Richards, P.L. *see* Bailey, R.B. 1-26209
- Richards, P.M. Proton interactions in the vicinity of a rare earth impurity in a hydride 1-20255
- Richards, R.A.C. Spain provided Europe's base camp for solar research 1-13083
- Richards, S. *see* Sanger, P.A. 1-52732
- Richards, T.H., Delves, B. A semi-analytic finite-element analysis of circular plate bending problems 1-19570
- Richards, W.D., Lehrfeld, D. Stirling engine power system development and test results 1-53651
- Richards, W.G. *see* Cooper, D.L. 1-37181, 1-45825, 1-45826
- Richards, W.G. *see* Cooper, D.L. 1-1077
- Richards, W.G. *see* Gold, E. 1-9640
- Richardson, A. *see* Ries, A.C. 1-13387
- Richardson, A.T. The linear instability of a dielectric liquid contained in a cylindrical annulus and subjected to unipolar charge injection 1-42102
- Richardson, D., Shewchuk, R. Effects of contraction force and frequency on postexercise hypoxemia in human calf muscles 1-22036
- Richardson, D.C., Hitchler, M.J., Sharp, D.R. Assessment of operator procedures and display instrumentation during transients 1-14667
- Richardson, D.C. *see* Anderson, T.M. 1-10504
- Richardson, D.D. The static lattice model of Hardy and Bullough applied to the noble metals to calculate divacancy interaction energies and relaxations 1-42373
- Richardson, D.D. *see* March, N.H. 1-7328
- Richardson, D.L. A note on a Lagrangian formulation for motion about the collinear points 1-4748
- Richardson, D.L. Analytic construction of periodic orbits about the collinear points 1-4750
- Richardson, F.S. *see* Faulkner, T.R. 1-2925
- Richardson, G.C. *see* Sauer, J.A. 1-31588
- Richardson, H.H. *see* Rockley, M.G. 1-53496
- Richardson, J.E., Smith, P.D. The Seismic Safety Margins Research Program 1-869
- Richardson, J.H., Perone, S.P., Steinmetz, L.L., Deutscher, S.B. Laser-induced photoelectrochemistry: time-resolved luminescence studies of CdS electrodes 1-31865
- Richardson, J.H. *see* Perone, S.P. 1-35662
- Richardson, J.R. *see* Tittmann, B.R. 1-22334
- Richardson, J.R. *see* Rogers, J.G. 1-23660
- Richardson, L.M. *see* Durig, J.R. 1-28907
- Richardson, L.M. *see* Scarfone, L.M. 1-2964
- Richardson, L.W., Jagodzinski, P.W., Hartcock, M.A., Laane, J. Low-frequency vibrational spectra and ring-puckering potential energy function of 3-phospholene and 3-phospholene-1-d₁ 1-28949
- Richardson, M. *see* Drake, R.P. 1-25041
- Richardson, M. *see* Partridge, R. 1-10207, 1-18483
- Richardson, M.C. *see* Burgess, M.D.J. 1-51991
- Richardson, M.C. *see* Fedosejevs, R. 1-1584
- Richardson, M.C. *see* Marjoribanks, R.S. 1-25012
- Richardson, M.C. *see* Tomov, I.V. 1-33728
- Richardson, M.F. *see* Thompson, D.M. 1-42256
- Richardson, N.V., Sass, J.K. An angle resolved photoemission study of the interaction between bromine and a copper (001) surface 1-48237
- Richardson, N.V. *see* Unwin, R. 1-33500
- Richardson, P.L. *see* Cheney, R.E. 1-32446
- Richardson, P.W., Miller, F.Q., White, M.N. Design, performance and life cycle cost relationships for a 500 kW space solar array 1-53625
- Richardson, R.E. *see* Guarnieri, C.R. 1-48274
- Richardson, R.J. *see* Lilienfeld, H.V. 1-51468
- Richardson, R.L., Deaver Thomas, F. An adjustable zoom-mode gain control for computerized gamma-camera systems 1-8983
- Richardson, R.M. *see* Solomon, S.C. 1-27129
- Richardson, R.T. A convenient method for the small-scale preparation of some ferrites 1-8262
- Richardson, S. Some Hele Shaw flows with time-dependent free boundaries 1-46806
- Richardson, S.H., Hart, S.R., Staudigel, H. Vein mineral ages of old oceanic crust 1-44148
- Richardson, S.H. *see* Staudigel, H. 1-54024
- Richardson, S.M. Leveque solution for flow in an elliptical duct 1-29780
- Richardson, S.M. Alteration of mesostasis in chondrules and aggregates from three C2 carbonaceous chondrites 1-40434
- Richarz, R. *see* Wuthrich, K. 1-8813
- Richarz, W.G. Direct correlation of noise and flow of a jet using laser Doppler 1-15520
- Richelmi, J. *see* Marique, C. 1-21477
- Richens, A. *see* Smith, A.T. 1-53916
- Richer, H.B. Observations of a complete sample of carbon stars in the Large Magellanic Cloud 1-54611
- Richer, H.B., Frogel, J.A. Discovery of the first SC star in the Magellanic Clouds 1-44635
- Richer, H.B., Olson, B.J. Faint QSO candidates in the field of the globular cluster NGC 6752 1-32771
- Richert, J. *see* Grange, P. 1-50618
- Richet, P., Bottinga, Y. Heat capacity of liquid silicates: new measurements on NaAlSi₃O₈ and K₂Si₂O₇ 1-40119
- Richied, D. *see* Rode, C. 1-45769
- Richins, W.D. *see* Arabasz, W.J. 1-49212
- Richier, A., Bear, J.C. The distribution of refraction in three isolated communities in Western Newfoundland 1-43869
- Richley, E., Tuma, D.T. Free recovery of the gas-blast arc column 1-34163
- Richman, C., Kligerman, M.M., Von Essen, C., Smith, A.R. High LET dose measurements in patients undergoing pion radiotherapy 1-22138
- Richman, M., Memula, N., Doss, L.L. Radium needle spacing effect on the dose distribution of planar implants 1-53903
- Richmann, K.H. *see* Eggers, F. 1-29493
- Richmond, A.D., Blanc, M., Emery, B.A., Wand, R.H., Fejer, B.G., Woodman, R.F., Ganguly, S., Amayenc, P., Behnke, R.A., Calderon, C., Evans, J.V. An empirical model of quiet-day ionospheric electric fields at middle and low latitudes 1-9317
- Richmond, J.C. Errors in passive infrared imaging systems due to reflected ambient flux 1-24520
- Richmond, J.H. On the edge mode in the theory of TM scattering by a strip or strip grating 1-29180
- Richmond, J.H. *see* Quincy, E.A. 1-36072
- Richmond, J.R. *see* Lewis, M.H. 1-22122
- Richmond, R. *see* McClenny, W.A. 1-45025
- Richmond, R. *see* Schmock, U. 1-28606
- Richon, D. *see* Figueire, P. 1-36672
- Richou, F., Pelous, G., Lecrosnier, D. Thermal generation of carriers in gold-doped silicon 1-42785
- Richstone, D.O., Ratnatunga, K., Schaeffer, J. Carbon emission line profiles of high redshift quasars 1-9707
- Richter, A. *see* Bardin, G. 1-45469
- Richter, A. *see* Gemmeke, H. 1-18668
- Richter, A. *see* Harney, H.L. 1-14522
- Richter, A. *see* Knapfer, W. 1-5730
- Richter, A. *see* Meuer, D. 1-23589
- Richter, B. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Richter, B. *see* Chao, A.W. 1-23874
- Richter, B. *see* Dorfan, J.M. 1-41020
- Richter, B. *see* Himel, T.M. 1-18482
- Richter, B. *see* Muech, E. 1-18750
- Richter, B. *see* Scharrer, D.L. 1-18485, 1-45292
- Richter, D., Ewen, B., Hayter, J.B. Dynamics at the temperature crossover in dilute polymer solutions investigated by neutron spin-echo spectroscopy 1-30029
- Richter, D. *see* Magerl, A. 1-47190
- Richter, D. *see* Shapiro, S.M. 1-47189
- Richter, F.M. *see* Parsons, B. 1-32424
- Richter, G.M. Completeness and reliability of star counts from microphotometer scannings 1-27563
- Richter, H. Stress corrosion cracking of welded petrol tanks 1-16975
- Richter, H. An analytical treatment of a system of non-linear partial differential equations for isothermal adsorption 1-34587
- Richter, H. *see* Braun, A. 1-36620
- Richter, H. *see* Jager, H.U. 1-45985
- Richter, H. *see* Kreil, H. 1-35470
- Richter, H.J. *see* Wallis, G.B. 1-29758
- Richter, J., Jahn, L. Optimized measuring coil geometry for a precise transverse vibration magnetometer 1-50175
- Richter, J. *see* Hoto, R. 1-41356
- Richter, J.H. *see* Hughes, H.G. 1-4620
- Richter, J.-U. *see* Byer, T. 1-53525
- Richter, K. Cube-root colour spaces and chromatic adaptation 1-17392
- Richter, K., Pelpinski, B. Determination of relative transmission function of two scanning modes of an electrostatic hemispherical analyser with a lens system 1-46207
- Richter, K. *see* Ding, A. 1-37232
- Richter, L., Bader, S.D., Brodsky, M.B. Ultraviolet, X-ray-photoelectron, and electron-energy-loss spectroscopy studies of LaCoO₃ and oxygen chemisorbed on LaCoO₃ 1-12630
- Richter, N. *see* Hogner, W. 1-4782
- Richter, O.-G. *see* Huchtmeyer, W.K. 1-27582
- Richter, P.W., Clark, J.B. Friction corrections in a piston cylinder device 1-32997
- Richter, P.W. *see* Clark, J.B. 1-35237
- Richter, R. *see* Aston, D. 1-14399, 1-45297, 1-50442, 1-50470
- Richter, R. *see* Bock, P. 1-10234
- Richter, R. *see* Chabaud, V. 1-50468
- Richter, R. *see* Chabaud, V. 1-10392
- Richter, R. *see* Gorlich, L. 1-5656
- Richter, R. *see* Sacharidis, E.J. 1-50469
- Richter, U. *see* Brinkmann, K. 1-46646
- Richter, V. Some improvements in the determination of particle size distribution from linear analysis data 1-8517
- Richter, V. *see* Burde, J. 1-28412
- Richter, W., Nowak, U., Stahl, A. Spatial and temporal dispersive dielectric function of free carriers: analysis and test of two models 1-47517
- Richter, W., Pascher, H., Hafele, H.G. Q-switch pumped InSb spin-flip Raman laser action under pulsed electric field conditions 1-15200
- Richter, W.A., de Kock, P.R. Non-normal parity states in mass 10-15 nuclei 1-18556
- Richter, W.A. *see* Brown, B.A. 1-28399
- Richtering, H. *see* Hermann, H. 1-30467
- Richtersmeier, S.C., Gole, J.L., Dixon, D.A. Theoretical prediction of the vibrational spectra of group IB trimers 1-51112
- Richard, L.J., Palmer, P. HCO⁺ in NGC 253 1-54613
- Richard, L.J. *see* Thronson, H.A., Jr. 1-44533
- Ricker, G.R. *see* Kriss, G.A. 1-44623
- Rickerby, D.G. Theoretical aspects of the statistical variation of strength 1-8418
- Rickerby, D.G., Macmillan, N.H. The effect of approach direction on damage in MgO due to spherical particle impact 1-8417
- Rickerby, D.G., Macmillan, N.H. On the oblique impact of a rigid sphere against a rigid-plastic solid 1-19651
- Rickerby, D.G., Pramila Bai, B.N., Macmillan, N.H. Basic mechanisms of erosion in ceramics 1-16906
- Rickert, S.E., Ishida, H., Lando, J.B., Koenig, J.L., Baer, E. Epitaxial polymerization of (SN)₂: lattice effects on structures and topochemistry 1-12999
- Rickert, S.E. *see* Ishida, H. 1-12998
- Rickett, B.J. *see* Armstrong, J.W. 1-44616
- Ricketts, D. Electroacoustic sensitivity of composite piezoelectric polymer cylinders 1-11277
- Ricketts, J.N. World surface climatological data—methods of quality control and archiving 1-49396
- Ricketts, M.J. *see* Marshall, N. 1-5000
- Rickey, F.A. *see* de Lima, A.P. 1-41033
- Rickey, F.A. *see* Popli, R. 1-45409
- Rickey, F.A. *see* Simms, P.C. 1-613

- Ricks, R.A., Howell, P.R., Honeycombe, R.W.K. Formation of supersaturated ferrite during decomposition of austenite in iron-copper and iron-copper-nickel alloys 1-31418
- Rickus, E. see Kreutz, E.W. 1-47346, 1-52627
- Ricort, G. see Aime, C. 1-15080
- Ricotta, A. see Ficoco, G. 1-32479
- Ricou, R. see Vives, C. 1-42098
- Ricz, S. see Kover, A. 1-10818
- Riddell, F.G. see Rankin, D.W.H. 1-46121
- Ridder, R.D. see de Ridder, R.
- Ridder, T.B. see Van Dop, H. 1-17328
- Ridders, D. see Garcia, J.D. 1-16643
- Riddiough, R.P. Gorda plate motions from magnetic anomaly analysis 1-22192
- Riddle, A.C., Boischoit, A., Leblanc, Y. Observations of solar bursts of Types II and III at kilometric wavelengths from Voyager 1-4894
- Riddle, A.C. see Lecacheux, A. 1-40380
- Riddle, H. see Jones, D.P. 1-13338
- Riddle, R.A.J. see Batty, C.J. 1-53322
- Riddoch, F., Wilson, J.I.B. The energy cost of amorphous silicon solar cells 1-17203
- Riddoch, F. see John, P. 1-21720
- Riddoch, F.A., Jaros, M. Auger recombination cross section associated with deep traps in semiconductors 1-20761
- Ride, S.K. see Colson, W.B. 1-10964
- Ridella, S. see Bianco, B. 1-53951
- Rider, B.F. see England, T.R. 1-50751
- Rider, D.M., Ray, G.W., Darland, E.J., Leroi, G.E. A photoionization mass spectrometric investigation of CH_3CN and CD_3CN 1-46036
- Rider, R.L. see Bond, G.R. 1-45656
- Ridge, M.I. see Bishop, C.A. 1-12002
- Ridge, T. see Niczyporuk, B. 1-33175
- Ridgeley, A. see Fawcett, B.C. 1-28914, 1-33409
- Ridgway, S.L. see Charwat, A.F. 1-8736
- Ridgway, S.T., Jacoby, G.H., Joyce, R.R., Wells, D.C. Angular diameters by the lunar occultation technique. III 1-22774
- Ridkoshka, O.P. see Azhazha, V.M. 1-31352
- Ridky, J. see Batyunya, B.V. 1-600
- Ridky, J. see Boos, E.G. 1-5661
- Ridler, P.J., Jennings, B.R. An electro-fluorescent molecular switching principle 1-41530
- Ridley, B.H. Fast magnetic peak switching for thermal ionization mass spectrometers 1-28112
- Ridley, B.K. The diffusion of hot electrons across a semiconductor base 1-34780
- Ridley, B.K., Amato, M.A. A model for the interpretation of measurements of photoionisation and capture cross sections associated with deep-level impurities 1-52521
- Ridley, N., Patterson, W.J.D., Livesey, D.W. Superplastic flow and cavitation behaviour in α/β copper alloys during compressive deformation 1-16858
- Ridley, T. see Hollas, J.M. 1-6298
- Ridner, A., de la Cruz, F., Martinez, E.N. Surface superconductivity and Kapitza resistance 1-20917
- Ridou, C., Rousseau, M., Freund, A. Study of tetragonal domains in the cubic phase of RbCaF_2 crystals by means of X-ray diffraction 1-7150
- Rie, H. see Tleimat, B.W. 1-53550
- Riechman, A.F. see Birchenall, C.E. 1-8277
- Riedel, E., Dutzmann, T. Mossbauer investigation of thiospinels. II. The $\text{Fe}_{0.25}\text{Zn}_{0.75}\text{Cr}_2(\text{S}_{1-x}\text{Se}_x)_4$ system 1-21092
- Riedel, E., Karl, R. Mossbauer studies of thiospinels. I. The system $\text{FeCr}_2\text{S}_4\text{-FeRh}_2\text{S}_4$ 1-34966
- Riedel, E.P. see Reinicke, W.L. 1-29456
- Riedel, M. see Szeghedy, D. 1-33032
- Rieder, G., Zastrow, U. Narrowing down the ranges of natural frequencies of a stationary vibrating body by means of integral equations 1-80
- Rieder, K.H., Baratoft, A., Hochli, U.T. Hills or hollows?—An ambiguity in the determination of surface corrugation 1-25568
- Riederer, S.J., Kruger, R.A., Mistretta, C.A. Limitations to iodine isolation using a dual beam non-K-edge approach 1-43959
- Riedesel, H. see Stuirbrink, A. 1-18658
- Riedi, P.C. see Webber, G.D. 1-30689
- Riedinger, L.L. The cranking model applied to Yb bands and band crossings 1-611
- Riedinger, L.L. see Braga, R.A. 1-18536
- Riedinger, R. see Dreyse, H. 1-52618
- Riedinger, R. see Gewinner, G. 1-35148
- Riedl, J. see Aniol, R. 1-13605
- Riedler, W. Wave propagation problems relating to satellites 1-24333
- Riedling, K. Error effects in the ellipsometric investigation of thin films 1-40837
- Rieger, D. see Saile, V. 1-3566
- Riego, A.R. see Braga, M. 1-24307
- Riehl, E. see Heidberg, J. 1-20574
- Riekel, C. Kinetic studies of chemical reactions: inferences from structural and related observations on intercalation compounds 1-31827
- Riekel, C. see Hamwi, A. 1-39619
- Riekert, L. Energy-transformation in chemical processes 1-39663
- Riello, M. see Pasimeni, L. 1-14935
- Riemann, B. On the propagation of plane air waves of finite amplitude 1-2025
- Riemann, H. see Mischke, B. 1-34708
- Riemann, J.F. see Demling, L. 1-49159
- Rienecker, F. see Monjes, J.A. 1-33737
- Rienecker, M.M., Fenton, J.D. A Fourier approximation method for steady water waves 1-51792
- Rienoss, K. see Gschaidner, F. 1-4153
- Rienstra, W.W. see Cornet, E. 1-46920
- Riepe, G., Protic, D., Sukosd, C., Didelez, J.P., Frascaria, N., Gerlic, E., Hourani, E., Morlet, M. Performance of a high-purity germanium multi-detector telescope for long-range particles 1-23949
- Rieppo, R. Calculated absolute photopeak and total pair-production efficiency values of well-type NaI-detectors in the γ -ray region 3-10 MeV 1-18962
- Rieppo, R. Calculated average neutron flux values of $^{241}\text{AmBe}$ neutron sources at different neutron source-to-target cross-section distances 1-37034
- Rieppo, R. Calculated absolute photopeak and total pair-production efficiency values of through-well type NaI-detectors in the γ -ray region 1.5-15 MeV 1-37070
- Rieppo, R. Absolute photopeak efficiency values for planar Ge-detectors in the γ -ray energy region 30-600 keV with self-absorption in the source 1-37071
- Rieppo, R. see Vanska, R. 1-45504
- Riera, A. see Borondo, F. 1-46112
- Riera, J., Martinez-Lozano, J.A., Tejerina, F., Tena-Sangua, F. Efficiency of a solar still as a function of its main parameters. Production estimation for Valencia, Spain 1-17290
- Riera, R., Murilo Oliveira, P., Chaves, C.M., de Queiroz, S.L.A. Percolation with first- and second-neighbor bonds: renormalization-group calculation of critical exponents 1-5251
- Ries, A.C., Richardson, A., Shackleton, R.M. Rotation of the Iberian arc: palaeomagnetic results from north Spain 1-13387
- Ries, F.X. see Kanda, M. 1-50170
- Ries, H. see Gunther, W. 1-23636
- Ries, J. see Schutz, B.E. 1-44087
- Ries, L.M. see Jefferys, W.H. 1-44490
- Ries, S. see Servet, B. 1-52090
- Rieseberg, H. see Bartel, W. 1-45253, 1-45254
- Rieseberg, H. see Drumm, H. 1-14762
- Rieseberg, H. see O'Neill, L.H., Jr. 1-50443
- Riesenber, H. Chromatically corrected microscope objectives from JENA 1-45001
- Riesenber, H. see Bartel, W. 1-18500
- Riesenkampf, A. see Beltowska-Lehman, E. 1-3644
- Rieskamp, H. see Mattes, R. 1-34314
- Riess, G., Schlienger, M., Marti, S. New morphologies in rubber-modified polymers 1-34249
- Riess, I. see Braunshtein, D. 1-48827
- Riess, J., Maynard, R. Superconductivity pairing induced by two level systems in amorphous metals 1-16400
- Riester, J.B., Bajura, R.A., Schwartz, S.H. Effects of water temperature and salt concentration on the characteristics of horizontal buoyant submerged jets 1-37985
- Riester, J.L. see Erriques, O. 1-23490
- Riesz, P. see Minegishi, A. 1-21052, 1-48958
- Riethe, W.E. Metropolitan Edison Company's radiation environmental monitoring during venting of TMI-unit 2 containment 1-41260
- Riettmuller, R. see Brandelik, R. 1-23510, 1-50411
- Rietsch, E. Estimation of the signal-to-noise ratio of seismic data with an application to stacking 1-22510
- Rietschel, H., Winter, H., Reichardt, W. Strong depression of superconductivity in VN by spin fluctuations 1-20907
- Rietto, G. see Bava, E. 1-33725
- Rieu, J. see Guedou, J.Y. 1-15907
- Rieux, J.P. see Marchand, J.L. 1-17305
- Rife, J., Osantowski, J. Extreme ultraviolet optical properties of two SiO_2 based low-expansion materials 1-41799
- Rife, J. see Spiller, E. 1-40911
- Rife, J.C. see Donnelly, S.E. 1-23314
- Riffel, R.E. see Caruthers, J.E. 1-2023
- Riffle, R. see Melbin, J. 1-17448
- Rifflet, J.-C., Odier, P., Loup, J.-P., Hoch, M., Anthony, A.M. Thermoelectronic emissivity of refractory oxides in range 1000-2500K 1-3562
- Rifkin, W., Vincent, R., Benson, G. Applications of free-piston Stirling engines 1-53654
- Rigal, M. see Desplanches, G. 1-3726
- Rigamonti, A. see Aleksandrova, I.P. 1-7969
- Riganti, R. Subharmonic steady vibrations of a non-linear damper with two degrees of freedom and viscous damping 1-29591
- Rigatti, G. see Pasimeni, L. 1-14935
- Rigaud, P. see Naudet, J.P. 1-17650, 1-44227
- Rigaux, C. see Blinowski, J. 1-38703, 1-47462
- Rigaux, C. see Hy Hau, N. 1-47584
- Rigby, F. see Ainscough, J.B. 1-16742, 1-45626
- Riggi, F. Using simulation on programmable pocket calculators in computer-assisted instruction 1-40620
- Riggi, F. see Bonomo, R.P. 1-24175
- Riggi, F. see Fallica, P.G. 1-14532, 1-50606
- Riggs, B.L. see Dunn, W.L. 1-22124
- Riggs, W.M. see Wagner, C.D. 1-20293
- Righi, D. see Van Ranst, E. 1-49271
- Righini, A. see Azouit, M. 1-44325
- Righini, C. see Brenici, M. 1-1707
- Righini, F. see Corchia, M. 1-53170
- Righini, F. see Coslovic, L. 1-5374
- Righini, G.C. see Sottini, S. 1-15287
- Righini, R. see Hinchliffe, A. 1-46052
- Righini-Cohen, G. see Fischer, J. 1-4955
- Riglet, P., Sauvage, M., Petroff, J.F., Epelboin, Y. Synchrotron-radiation plane-wave topography. II. Comparison between experiments and computer simulations for misfit-dislocation images in III-V heterojunctions 1-11756
- Riglet, P. see Petroff, J.F. 1-20223
- Rigney, D.A. see Hirth, J.P. 1-31688
- Rigo, M.O., Kleinclauss, J. Specific heat of Fe_3O_4 . Role played by octahedral Fe^{2+} ions 1-11879
- Rigoleur, C. see le Rigoleur, C.
- Rigoleur, C. see le Rigoleur, C.
- Rigolini, L. see Bahr, A. 1-17252
- Rigopoulos, R. see Kaplanis, S.N. 1-15935
- Rigotti, G.E. see Macchi, E.M. 1-30213
- Rigsbee, J.M. see Lange, W.F., III 1-35475
- Rijk, P. de see de Rijk, P.
- Rijkenberg, J. see Heremans, K. 1-29149
- Rijnsoever, J.W.M. van see van Rijnsoever, J.W.M.
- Rijsenbeek, M.M.H.M. see Johnson, P. 1-5659
- Rijsenbeek, M. see Barreau Luque, M. 1-14745
- Rijsenbeek, M. see Calvetti, M. 1-14778
- Rikards, R.B., Chate, A.K. Elastic properties of a composite with anisotropic fibres 1-46674
- Rikengiaz, L.E., Khominskii, V.A. Heating characteristic of imperfect dielectrics in a traveling electromagnetic wave field 1-11296
- Rikhireva, G.T. see Aydevya, O.S. 1-17456
- Rikhireva, G.T. see Aydevya, O.S. 1-35830
- Rikhter, R.G. see Poteynina, Yu.M. 1-53371
- Rikhtitsky, S. see Matveeva, E.N. 1-28806
- Riklund, R., Ferreira Da Silva, A., Chao, K.A. Modified Mott-Hubbard-Anderson model. Results of an unrestricted Hartree-Fock pseudocluster calculation 1-47572
- Riklus, L., Amos, K. Low-energy neutron scattering from ^{12}C and nuclear spectroscopy 1-18646
- Riley, F.L. Silicon nitridation and the development of microstructure in reaction bonded silicon nitride 1-16734
- Riley, F.L. see Kuwabara, M. 1-16730
- Riley, F.L. see Rahaman, M.N. 1-39292
- Riley, J.J. see Gad-El-Hak, M. 1-42044
- Riley, K.J., Lockwood, A.H. HgCdTe hybrid focal-plane arrays 1-5398
- Riley, N. High Reynolds number flows with closed streamlines 1-29701
- Riley, N. see Potter, J.M. 1-11396
- Riley, P.A. see Issa, M.R. 1-9335
- Riley, P.W. see Little, L.T. 1-9635
- Riley, S. see Colson, S.D. 1-29066
- Riley, S.J. see Glowina, J.H. 1-24194
- Riley, W.F. see Freire, J.L.F. 1-3825
- Rillaerts, E. see Joos, P. 1-38623
- Rimai, D.S. see Nichols, D.N. 1-38433
- Riman, R. see Hyspecka, L. 1-21543
- Rimbert, J.N., Kellershohn, C., Dumas, F., Hubert, C. Time differential perturbed angular correlation (TDPA) studies of the ^{133}Ba ion uptake in bone crystals 1-48951
- Rimer, M. see Gran, R. 1-916
- Rimini, A. see Ghirardi, G.C. 1-5131
- Rimini, E., Baglin, J.E.E. Pulsed laser irradiation of lead-implanted single-crystal copper films 1-8341
- Rimini, E. see Baeri, P. 1-38536
- Rimini, E. see Campisano, S.U. 1-30470
- Rimini, E. see Picraux, S.T. 1-2533
- Rimkus, J. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Rimmer, M.P., Irving, B.R. Calculation of partially-coherent imagery 1-46251
- Rimoldi, A. see Conta, C. 1-14418
- Rimondi, F. see Bussiere, A. 1-10265
- Rimrott, F.P.J. Self-extension of an open section tube 1-6778
- Rimsky, A. see Pincaux, J.P. 1-34421
- Rinaldi, P.L. see Levy, G.C. 1-14938
- Rinaldi, S. see Deriu, A. 1-47908
- Rinaldi, S. see Gatto, M. 1-32522
- Rinat, A.S. Comparison between NN potential derived from dispersion relations and a model field theory 1-14473
- Rinat, A.S. see Arvieux, J. 1-23680
- Rinaudo, G. see Barloutaud, R. 1-36885
- Rinaudo, G. see Barreani, G. 1-45337, 1-50461
- Rinck, Th. see Brosch, J. 1-35678
- Rind, D. Microseisms at Palisades. III. Microseisms and microbaroms 1-9105
- Rindani, S.D. see Mani, H.S. 1-511
- Rinderer, L. see Raychadhuri, A.K. 1-16417
- Rinderer, L. see Takayama, T. 1-16416
- Rindone, G.E. see Faber, K.T. 1-30093
- Rindone, G.E. see Kennedy, C.R. 1-3852
- Rinefield, J.M. see Brown, D.C. 1-29352
- Rinehart, G.H., Behrens, R.G. Vapor pressure and vaporization thermodynamics of scandium trifluoride 1-20371

- Rinehart, G.H., Behrens, R.G. Vapor pressure and thermodynamics of beryllium carbide 1-2674
- Rinehart, G.H. see Behrens, R.G. 1-30374
- Ring, D.S. see Hackley, D.S. 1-50925
- Ring, E.F.J. Computer processing of infrared thermograms applied to bone and joint pathology 1-8970
- Ring, P. see Egido, J.L. 1-652
- Ringeissen, J. see Gross, J.G. 1-42687
- Ringeissen, J. see Lewonczuk, S. 1-38757
- Ringel, F. see Domschke, P. 1-23304
- Ringel, H. Washing of gel particles in wet chemical manufacture of reactor fuel particles 1-5986
- Ringel, H. see Naefl, P. 1-28689
- Ringer, G. see Held, W.D. 1-6342
- Ringnes, T.S. Eighty year period in short-lived sunspots 1-49602
- Ringwelski, A. see Zitter, R.N. 1-38040
- Ringwood, A.E. see Jackson, I. 1-49259
- Ringwood, A.E. see Leven, J.H. 1-40100
- Ringwood, A.E. see Sinclair, W. 1-30149
- Ringwood, S.D. Full aperture solar photography for reflectors 1-22690
- Ringwood, T. Safety in depth for nuclear waste disposal 1-37010
- Rink, H. see Cutnell, J.D. 1-41410
- Rink, J., Lear, J. Mission analysis of the P78-2 power subsystem after one year of operation 1-48866
- Rink, M. see Pavan, A. 1-21582
- Rinkel, P.D. see Minnema, L. 1-21604
- Rinkunas, R. see Barna, P.B. 1-39235
- Rinkunas, R. see Petreitis, B. 1-16650, 1-42823
- Rinn, J. see Billan, J. 1-51006
- Rinneberg, H. see Gornik, W. 1-24096
- Rino, C.L. Transionspheric radio wave propagation and signal statistics 1-44390
- Rino, C.L., Matthews, S.J. On the morphology of auroral zone radio wave scintillation 1-4716
- Rino, C.L., Owen, J. On the temporal coherence loss of strongly scintillating signals 1-54320
- Rino, C.L. see Vickrey, J.F. 1-17724
- Rinoux, P.J. see Cornbleet, S. 1-51640
- Rinzivillo, R. see Antreasyan, D. 1-10287
- Rio, F. Del see Del Rio, F.
- Rio, G. del see del Rio, G.
- Riontino, G. see Antonione, C. 1-25175
- Riordan, J.E. see Blair, H.S. 1-31853
- Rios, M. see Zyskind, J. 1-49611
- Riou, A. see Cudennec, Y. 1-47063
- Riou, J. see Girard, C. 1-53456
- Rioux, C. see Dasgupta, S.S. 1-14530
- Rioux, C. see Slobodrian, R.J. 1-33263
- Rioux, F. see Harris, D.K. 1-6148
- Rioux, J. see Etcheberry, A. 1-35587
- Rioux-Damidauf, F. see Bastos, J.P. 1-24313
- Rippa, P. On the theory of nonlinear wave-wave interactions among geophysical waves 1-51790
- Riper, K.A. Van see Van Riper, K.A.
- Ripin, B.H. see Herbst, M.J. 1-38127
- Ripin, B.H. see McLean, E.A. 1-7004
- Ripin, B.H. see Obenschain, S.P. 1-38125
- Ripmeester, J.A. Application of solid state ^{13}C NMR to the study of polymorphs, clathrates and complexes 1-7958
- Ripmeester, J.A., Reddoh, A.H., Dalal, N.S. Molecular dynamics and the phase transition in the naphthalene-tetracyanobenzene charge-transfer complex as studied by ^1H NMR and triplet state EPR 1-47958
- Ripmeester, J.A. see Dalal, N.S. 1-2615
- Ripmeester, J.A. see Garg, S.K. 1-14921
- Ripoche, G. see Valat, P. 1-51545
- Ripoche, J. see Maze, G. 1-24559
- Rippen, G., Kaufmann, G., Klopffer, W. Luminescence of poly(N-vinylcarbazole) films at 77K. I. Fluorescence, phosphorescence and delayed fluorescence 1-21253
- Ripper, J.E. see Winogradoff, N.N. 1-52991
- Rippich, C. see Book, P. 1-10234
- Rippich, C. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Rippon, S. One each year. New nuclear start for Britain 1-10514
- Rippon, S. Monitoring distributed noise 1-51670
- Riquet, J.P. see Chang, V. 1-26446
- Riquet, J.P. see Hamar, R. 1-52106
- Riquet, J.-P. see Witzke, S. 1-38566
- Risbeck, T.R. see Antolovich, S.D. 1-39414
- Risbud, S.H. Amorphous phase separation and transformations in the bulk glassy semiconducting alloy CdGeAs_2 1-52074
- Risch, G. UMW 1/5/040 - a high-performance lens system for the MPUR Mask Projection Aligning Repeater 1-46488
- Riseberg, L.A. see Brecher, C. 1-3460
- Riseborough, P.S., Mills, D.L., Trullinger, S.E. Non-covariant corrections to magnetic solitons in CsNiF_3 1-47892
- Riseborough, P.S., Trullinger, S.E. Statistical mechanics of the magnetic soliton-bearing system CsNiF_3 1-21002
- Riseman, S.M. see Lloyd, L.B. 1-23316
- Risen, W.M., Jr. see Abye, J. 1-31413
- Rishar-Serr, K. see Ben Brakham, A. 1-660
- Rishell, L., Jorstad, N.D. Accelerated commercialization of solar energy - a new priority for international action 1-26823
- Rishi Ram, Bishun Deo Pandey Propagation of weak MHD waves in steady hypersonic flows with radiation 1-15551
- Rishin, V.V. see Borisov, Yu.S. 1-39492
- Rishin, V.V. see Parkanski, N. Ya. 1-48567
- Rishishwar, R.P. see Johri, G.K. 1-33454
- Rishko, M.V. see Imre, A.I. 1-6392
- Rishman, G.A. see Young, R.S.L. 1-32121
- Risitano, A. see Curti, G. 1-37839
- Riska, D.O. The magnetic form factor of ^3He 1-23555
- Riska, D.O., Sarafian, H. The effect of the nuclear medium on S-wave pion absorption 1-5799
- Risken, H., Vollmer, H.D. Solutions and applications of triagonal vector recurrence relations 1-9877
- Risken, H., Vollmer, H.D., Morsch, M. Matrix continued fraction solutions of the Kramers equation and their inverse friction expansions 1-27883
- Risley, A., Jarvis, S., Jr., Vanier, J. The dependence of frequency upon microwave power of wall-coated and buffer-gas-filled gas cell Rb^{87} frequency standards 1-5288
- Risley, A., Jarvis, S., Jr., Vanier, J. Study of the dependence of frequency upon microwave power of wall-coated and buffer-gas-filled passive Rb^{87} frequency standards 1-18197
- Risley, J.M., Van Etten, R.L. ^{19}O -isotope effect in ^{13}C nuclear magnetic resonance spectroscopy. III. Additivity effects and steric effects 1-45988
- Risover, L.M. see Kotovich, V.V. 1-9368
- Risselin, A. Contribution to the selection of an optimum indicator of external irradiation 1-32260
- Risso, D. see Fontanelli, F. 1-6103
- Risso, W.L. see Padikal, T.N. 1-22128
- Rist, G. see Cutnell, J.D. 1-41410
- Riste, T. (editor) Ordering in strongly fluctuating condensed matter systems. Proceedings of the ATO Advanced Study Institute 1-5027
- Ristic, M.M. see Nikolic, Z.S. 1-16710
- Ristic, M.M. see Petrovic, V. 1-35223
- Ristic, M.M. see Stanisic, G. 1-16749
- Ristic, M.M. see Stefanovic, D.C. 1-53126
- Ristic, M., Ciura, A.I., Tudor, T. Longitudinal mode-locking in a He-Ne laser by nonlinear absorption in neon 1-33726
- Ristic, M. see Bratescu, G.G. 1-33617
- Ristig, M.L., Lam, P.M. Spatial correlations in model Fermi fluids 1-9922
- Ristig, M.L., Lam, P.M., Nollert, H.P. Ground state fluctuations in polarized ^3He 1-2749
- Ristinen, R.A. see Weiss, R.C. 1-50482
- Ristori, C. see Oed, A. 1-28773
- Ristori, L. see Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Ristori, P. see Giuliani, G. 1-15194
- Ristori, T. see Ascoli, C. 1-4398
- Ristovski, Lj.M. see Davidovic-Ristovski, G.S. 1-39054
- Ritchie, B. Laser resolution of unpolarized-electron scattering cross sections into spin-conserved and spin-flip components 1-33558
- Ritchie, B. see Pindzola, M.S. 1-33435
- Ritchie, G. see Chen, C.Y. 1-35047
- Ritchie, G.L.D., Vrbancich, J. Quadrupole moment and magnetic anisotropy of carbon disulphide 1-46164
- Ritchie, G.L.D. see Calvert, R.L. 1-46165
- Ritchie, G.L.D. see Vrbancich, J. 1-33030
- Ritchie, I.G., Atrons, A., Sprungmann, K.W. Non-linear internal friction in a single crystal of zirconium 1-2462
- Ritchie, I.G., Dufresne, J.F., Moser, P. The internal friction peaks α and β in irradiated or deformed pure iron 1-20313
- Ritchie, I.G. see Sprungmann, K.W. 1-12952
- Ritchie, I.T. The structure of reactively sputtered metal carbide and metal silicide solar selective absorbers 1-11992
- Ritchie, J.C., Carter, M.W. A description of the system and process designed to treat high-activity primary coolant water at Three Mile Island, Unit 2 1-50848
- Ritchie, J.L. see Bodek, A. 1-50441
- Ritchie, J.L. see Williams, D.L. 1-22115
- Ritchie, R.O., Server, W.L., Wullaert, R.A. Fracture toughness predictions for nuclear pressure vessel steels 1-47165
- Ritchie, R.O., Suresh, S., Moss, C.M. Near-threshold fatigue crack growth in $2\frac{1}{4}\text{Cr-1Mo}$ pressure vessel steel in air and hydrogen 1-43515
- Ritchie, R.O. see Server, W.L. 1-12680
- Ritchie, S.I.M. see Bell, G.E. 1-37762
- Ritchie, S.T.D. see Hooper, R.C. 1-11173
- Ritchings, R.T. see Nettle, J.R.L. 1-53857
- Ritter, A.J., Meissner, H. Order parameter relaxation and excess conductivity of current-carrying superconductors 1-12235
- Rith, K. see Altkofer, O.C. 1-45773
- Rith, K. see Aubert, J.J. 1-5630
- Rithalia, S.V.S., Tinker, J., Howe, N.A., Vence-Pastor, D.E. A device for the routine measurement of plasma oncotic pressure 1-53920
- Ritman, E.L., Kinsey, J.H., Robb, R.A., Gilbert, B.K., Harris, L.D., Wood, E.H. Three-dimensional imaging of heart, lungs, and circulation 1-49123
- Ritman, E.L. see Pao, Y.C. 1-22049
- Ritschel, M., Oppermann, H. On the chemical transport of molybdenum dioxide with tellurium tetrahalogens. I. The transport system $\text{MoO}_3/\text{TeBr}_4$ 1-21332
- Ritschel, M., Oppermann, H. On the chemical transport of molybdenum dioxide with tellurium tetrahalogens. II. The chemical transport of MoO_3 with TeCl_4 and TeI_4 1-21333
- Ritsko, J.J., Mele, E.J. Inelastic electron scattering spectroscopy of graphite-acceptor compounds 1-48207
- Ritsko, J.J. see Kellerman, R. 1-35069
- Ritsko, J.J. see Mele, E.J. 1-47522
- Rittenberg, V. see Abresch, U. 1-5536
- Rittenberger, R.V. see Lake, J.A. 1-18815
- Ritter, A.M. see Briant, C.L. 1-43605
- Ritter, D. see Lilienhof, H.-J. 1-19429
- Ritter, E. Properties of optical film materials 1-37562
- Ritter, H. Indirect demonstration of gravitational waves is successful 1-9914
- Ritter, H. On the size of accretion disks in cataclysmic binaries 1-27509
- Ritter, H.-G. Extraktionschromatographische Abtrennung von Neptunium und Plutonium aus Prozessströmen einer Wiederaufarbeitungsanlage für HTR-Brennelemente (Extraction chromatographic process for neptunium and plutonium from end stream HTR fuel reprocessing) 1-5985
- Ritter, J.A. see Kelly, T.J. 1-40174
- Ritter, J.E., Jr. Proof testing of ceramics 1-17017
- Ritter, S., Ranft, G., Ranft, J. Gluon jet production in deep inelastic lepton hadron collisions. Monte Carlo study of jet fragmentation effects 1-23504
- Ritter, S. see Ranft, J. 1-45341
- Ritterman, P.F. Cycling characteristics of nickel-hydrogen cells 1-53602
- Rittgers, S.E., Putney, W.W., Barnes, R.W. Real-time spectrum analysis and display of directional Doppler ultrasound blood velocity signals 1-26969
- Rittich, D. see Gladenbeck, J. 1-6688
- Rittich, D. see Krahn, F. 1-19448
- Ritty, B., Wachtel, F., Ott, F., Manquenouille, R., Donnet, J.B. New application of the Kelvin method involving the scanning of the bucking voltage 1-14141
- Ritus, A.I. see Devyatkykh, G.G. 1-33782
- Ritz, Ch. see Schneider, H. 1-11537
- Ritz, E.F., Jr. Recent advances in electron beam deflection 1-33616
- Ritze, H.-H. Photon statistics and self-induced gyrotropic birefringence 1-10949
- Ritze, H.-H. see Hartung, C. 1-23319
- Ritze, H.-H. see Radloff, W. 1-14187
- Ritzman, R.L. see Mendoza, Z.T. 1-41194
- Riva, C.E., Grunwald, J.E., Sinclair, S.H., O'Keefe, K. Fundus camera based retinal LDV 1-39978
- Riva, C.E., Petrig, B. Blue field entoptic phenomenon and blood velocity in the retinal capillaries 1-17387
- Riva-Sanseverino, S. see Arnone, C. 1-38680
- Riva-Sanseverino, S. see Cali, C. 1-6692
- Riva-Sanseverino, S. see Catalano, I.M. 1-46436
- Rivail, J.-L. see Afsar, M.N. 1-36679
- Rivard, J.B. Cooling of particulate debris beds: analysis of the initial D-series experiments 1-5862
- Rivarola, J.B.P. see Horas, J.A. 1-7456
- Rivarola, R.D. see Miraglia, J.E. 1-464, 1-46071
- Rivas, I.V. see Diebold, G.J. 1-24070
- Rivas, J.L. Thermoluminescence and lattice defects in alkali halides 1-3501
- Rivas, J.L.A. see Hodgson, E.R. 1-2513
- Rivas, J.L.A. see Vignolo, J. 1-11899
- Rivas, J.L. Alvarez see Alvarez Rivas, J.L.
- Rivas, L. see Ballerau, D.B. 1-36299
- Rivasi, M.R. see Apriolesi, G. 1-49398
- Rivasseau, V. Lieb's correlation inequality for plane rotors 1-3183
- Rivasseau, V. see de Calan, C. 1-40923
- Rivaud, L., Ward, I.D., Eltokhy, A.H., Greene, J.E. Enhanced diffusion and precipitation in Cu-In alloys due to low energy ion bombardment 1-39210
- Riveiro, J.M., Sanchez, M.C., Rivero, G. Initial magnetisation processes in the amorphous alloy $\text{Co}_{55}\text{P}_{15}$ 1-12340
- Riveiro, J.M., Sanchez-Trujillo, M.C. Magnetic anisotropy of electrodeposited Co-P amorphous alloys 1-30935
- Rivellini, G. see Bologna, G. 1-28817
- Rivers-Iratchet, J. see Vogel, E.E. 1-21247
- Rivero, B.E. see Della Vedova, C.O. 1-31145
- Rivero, G. see Riveiro, J.M. 1-12340
- Rivers, R.J. Comments on an approximation scheme for strong-coupling expansions. II 1-23447
- Rives, J.E. see Egbert, W.C. 1-30336

- Rives-Arnau, V., Munuera, G. Effect of strong metal-support interactions on the catalytic reduction of NO by TiO_2 -supported rhodium 1-26766
- Rivet, P. see Ferrer, A. 1-50463
- Riviere, A. see Gaboriaud, R.J. 1-53225
- Riviere, J.C. see Orton, B.R. 1-3564
- Rivin, B.D., Longo, F.W., Tomashefsky, P. Ultrasonic hyperthermia system for tumor irradiation 1-49174
- Rivin, E.I. Noise abatement of vibration-stimulated material-handling equipment 1-19511
- Rivin, Yu.R. Spherical harmonic analyses of 10-year variations of the geomagnetic field 1-22195
- Rivin, Yu.R. Forecast of cyclic geomagnetic field variations 1-22200
- Rivkin, E.Yu., Vasin, A.M., Rodin, M.E., Nalesnik, V.M., Kozlov, A.V., Anikhimovskii, Yu.A. Method of determining fracture characteristics of irradiated specimens of pipes of technological channels of nuclear reactors 1-21662
- Rivlin, L.A. Cosmic gamma-ray lasers (hypotheses and estimates) 1-9364
- Rivlin, L.A. see Malakhova, V.I. 1-33685
- Rivlin, R.S. Some comments on the endochronic theory of plasticity 1-33911
- Rivlin, R.S. Comments on 'On the substance of Rivlin's remarks on the endochronic theory', by K.C. Valanis 1-33913
- Rivlin, R.S. see Sawyers, K.N. 1-11313
- Rivlin, V.G., Raynor, G.V. Phase equilibria in iron ternary alloys. I. Critical evaluation of constitution of chromium-iron-nickel system 1-8274
- Rivlin, V.G., Raynor, G.V. Phase equilibria in iron ternary alloys. II. Critical evaluation of constitution of aluminium-iron-nickel system 1-35233
- Rivoire, G. see Nguyen Phu Xuan 1-46467
- Rivolo, A.R. see Caldwell, J. 1-54417
- Rivory, J., Bouchet, B., Bertrand, Y. Electronic structure of amorphous Co-P and Ni-P metallic alloys: evidence for short-range order 1-31212
- Rivory, J. see Belin, E. 1-31234
- Riza, E.M. Study of neutron flux propagation by the means of an optical-analogical method 1-28512
- Rizaeva, S.Z. see Agaev, U.Kh. 1-24169
- Rizakhanov, M.A., Magomedov, M.A., Magomedov, Kh.A. Activation energy of purely thermal an photostimulated desorption of oxygen from CdSe surface 1-2814
- Rizk, F.A.M. see Eiteba, M. 1-20000
- Riznichenko, Yu.V., Seydizova, S.S. The Tashkent-California system of Earthquake spectra 1-13403
- Rizvanov, N.G., Sergeev, A.V. Automation of astrophysics measurements 1-54392
- Rizzi, G. see Monaco, R. 1-11976
- Rizzi, L. see Delvo, P. 1-234
- Rizzi, R. see Guzzi, R. 1-22388
- Rizzio, J.W. see Nutt, R. 1-28720
- Rizzini, E. Lodi see Lodi Rizzini, E.
- Rizzo, J.E. see Seka, W. 1-6609
- Rizzo, R.A. see Johnson, D.L. 1-3674
- Rizzo, T.G. Addendum to 'Gluon final states in Higgs-boson decay' 1-10161
- Rizzo, T.G. Three-jet final states in Z^0 decay for heavy quarks 1-14347
- Rizzo, T.G. D lifetimes and Cabibbo-suppressed decays in the massive-quark model 1-14373
- Rizzo, T.G. Classification of mass matrices and the calculability of the Cabibbo angle 1-45217
- Rizzuto, C. (editor) Proceedings of the Eighth International Cryogenic Engineering Conference ICEC 8 1-9771
- Rjapov, A.P. see Fursenko, B.A. 1-35245
- Rjasko, J. see Olcak, D. 1-15811
- Rjazarov, A.I. see Vladimirov, B.G. 1-25335
- Rjanzantsev, I.A. see Dvurechensky, A.V. 1-2501
- R'Kha, C. see Ballutaud, D. 1-31014
- Roa, J.A. Guzman see Guzman Roa, J.A.
- Roach, F., Noll, S., Ben-David, S. The comparative economics of passive and active systems 1-21859
- Roach, J. De see De Roach, J.
- Roach, M.R., Stockley, D. The effects of the geometry of a stenosis of poststenotic flow in models and poststenotic vibration of canine carotid arteries in vivo 1-4315
- Roads, J.O. Climatic-anomaly experiments in middle latitudes 1-44282
- Roarty, K.B., Sprague, J.A., Johnson, R.A., Smidt, F.A., Jr. Effect of Ni^{+} -ion bombardment on nickel and binary nickel alloys 1-52183
- Robaszkiewicz, S., Micnas, R., Chao, K.A. Thermodynamic properties of the extended Hubbard model with strong intra-atomic attraction and an arbitrary electron density 1-42939
- Robb, M.A., Wilson, S. Comparison within the algebraic approximation of many-body perturbation theory and configuration interaction for the beryllium dimer 1-1144
- Robb, M.A. see Baker, H. 1-19023
- Robb, P.N. Lens design using optical aberration coefficients 1-46516
- Robb, R.A., Gilbert, B.K. Description and evaluation of a system for high-speed, three-dimensional computed tomography of the body: the dynamic spatial reconstructor 1-17492
- Robb, R.A. see Johnson, S.A. 1-14677
- Robb, R.A. see Ritman, E.L. 1-49123
- Robb, R.M. see Milone, E.F. 1-9577
- Robb, W.D., Collins, L.A. Iterative static-exchange techniques applied to low-energy collisions of Ne^{+} with molecular ions: H_2^{+} , CH^{+} , and N_2^{+} 1-19198
- Robbe, J.M., Lefebvre-Brion, H., Gottscho, R.A. Theoretical electronic structure and perturbations in SiS 1-41312
- Robbe, J.M. see Sennesal, J.M. 1-45819
- Robben, F. see Coe, D. 1-14963
- Robbins, C.L. Natural lighting in buildings. A passive solar system 1-17168
- Robbins, C.L. A review of the historical developments of the use of passive solar systems 1-17284
- Robbins, D.J. On predicting the maximum efficiency of phosphor systems excited by ionizing radiation 1-35100
- Robbins, D.J. Auger recombination at the B centre in gallium arsenide 1-35133
- Robbins, D.J., Cockayne, B., Lent, B., Gaspar, J.L. Comparison of theoretical and measured efficiencies for Tb^{3+} -activated garnet oxide phosphors 1-39161
- Robbins, D.J., Dean, P.J., Gaspar, J.L., Bishop, S.G. New high-energy luminescence bands from Co^{2+} in ZnSe 1-8128
- Robbins, D.J., Young, A. The equivalence of two recent Auger recombination rate calculations 1-30764
- Robbins, D.J. see Hayes, W. 1-26079, 1-34937
- Robbins, D.O., Zwick, H. Long wavelength foveal insensitivity in rhesus 1-13243
- Robbins, D.O., Zwick, H., Haenlein, M. Changes in spectral acuity following laser irradiation 1-43901
- Robbins, F.V., Spillman, C.K. Computer modeling of a ventilated Trombe wall—with actual performance results 1-8765
- Robbins, M.O., Marzaglia, E.A. X-ray studies of the charge-density wave transitions in TaS_2 1-20104
- Robbins, R.J. see Beddard, G.S. 1-21986
- Robbins, R.J. see Millar, D.P. 1-53748
- Robbins, S.G. see Bremner, J.M. 1-21942
- Robbins, W.P. see Simpson, E.M. 1-7928
- Robelin, E., Rousseau, F., Lemonnier, M., Rault, J. Crystallization of polymers. II. Fractionated polyethylene quenched from the liquid state 1-20079
- Robelin, E. see Rault, J. 1-20078
- Robens, E., Czanderna, W., Poulis, A. Surface area and pore sized determination on finely divided or porous substances by adsorption measurements: comparison of volumetric and gravimetric measuring methods 1-47375
- Robens, E. see Gast, T. 1-27955
- Rober, H.G., Burkhardt, B., Piesch, E. A new phosphate glass dosimeter system for automatic evaluation 1-6046
- Roberge, F.A. see Mailloux, G.E. 1-32279
- Roberge, R. see Dupuis, P. 1-13020, 1-41427
- Roberge, R. see Lanteigne, J. 1-47831
- Roberge, R. see LeHuy, H. 1-47830
- Roberge, W.G., Dalgarno, A., Flannery, B.P. Photoionization and photodissociation in diffuse interstellar clouds 1-54581
- Roberge, W.G. see Kirby, K. 1-9603
- Robershtotte, P., Griffith, P. Downflow post-CHF heat transfer to low-pressure water 1-50881
- Roberson, N.R. see Weller, H.R. 1-28479
- Roberson, R.L. see Padikal, T.N. 1-22128
- Robert, C. Cenozoic climate and currents in the South Atlantic from clay mineralogical data (DSDP legs 3, 39 and 40) 1-17621
- Robert, D., Bonamy, J., Marsault-Herail, F., Levi, G., Marsault, J.P. Evidence for vibrational broadening of Raman lines in H_2 -rare gas mixtures 1-1240
- Robert, D. see Isnard, L. 1-10676
- Robert, F., Teze, A. Structure of sodium β -hydrogeneneatungstosilicate hydrate $\text{Na}_3(\beta\text{-SiW}_9\text{O}_{34}\text{H})\cdot 23\text{H}_2\text{O}$ 1-42344
- Robert, G. see Doreau, M. 1-20451
- Robert, G. see Malugani, J.P. 1-34517
- Robert, J., Edrich, J., Leroy, Y., Mamouni, A., Escanyé, J.M., Thouvenot, P. Clinical applications of microwave thermography 1-8972
- Robert, J. see Loge, B. 1-39755
- Robert, J. see Morand, A. 1-46192
- Robert, J.B. see Dutasta, J.P. 1-34950
- Robert, J.L., Raymond, A., Aulombard, R.L., Bousquet, C. Magnetic freeze-out in doped semiconductors. The metal non-metal transition in n-type InSb 1-47716
- Robert, J.L. see Porowski, S. 1-47678
- Robert, J.L. see Raymond, A. 1-52582
- Robert, T. see Delrue, J.P. 1-16666
- Roberti, G. see Caccin, B. 1-27440
- Robertis, M. De see De Robertis, M.
- Roberto, J.B., Robinson, M.T. A measurement of the transverse range of $(n,2n)$ recoils in Au 1-7211
- Roberto, J.B., Zuhre, R.A., Withrow, S.P. Surface erosion in the plasma-edge of ISX-B 1-24987
- Roberto, J.B. see Alton, G.D. 1-23905
- Roberto, J.B. see Schweer, B. 1-25058
- Roberto, J.B. see Zuhre, R.A. 1-25027
- Roberto, V. see Craigie, N.S. 1-14427
- Roberto, V. see Mazzanti, P. 1-33172
- Roberts, A.D. see Fuller, K.N.G. 1-43643
- Roberts, B. Wave propagation in a magnetically structured atmosphere. I. Surface waves at a magnetic interface 1-54456
- Roberts, B. Wave propagation in a magnetically structured atmosphere. II. Waves in a magnetic slab 1-54457
- Roberts, B., Frankenthal, S. The thermal statics of coronal loops 1-27457
- Roberts, B. see Webb, A.R. 1-22761, 1-22762
- Roberts, B.L. see Batty, C.J. 1-51322
- Roberts, B.W. see Mai, Y.W. 1-31533
- Roberts, C. see Wu, F.T. 1-38050
- Roberts, C.G., Borrello, S.R., Chapman, R.A. Monolithic HgCdTe focal plane array structures 1-53811
- Roberts, C.G. see Borrello, S.R. 1-5385
- Roberts, D.G., Masson, D.G., Miles, P.R. Age and structure of the southern Rockall Trough: new evidence 1-40086
- Roberts, E., Iorri, J., Argall, B. Westinghouse pressurized water reactor fuel development and performance 1-33302
- Roberts, G. see Feast, M.W. 1-13779
- Roberts, G. see Howarth, I.D. 1-40523
- Roberts, G.A.F. The structure of arylozoxones 1-46159
- Roberts, G.G. see Clark, D.T. 1-52674
- Roberts, G.G. see Petty, M.C. 1-7624
- Roberts, J. see Kidin, N. 1-19988
- Roberts, J. see McLellan, E.J. 1-46386
- Roberts, J.B. The yielding behaviour of a randomly excited elasto-plastic structure 1-19588
- Roberts, J.B. Transient response of non-linear systems to random excitation 1-51724
- Roberts, J.B. see Makdisi, Y. 1-14411
- Roberts, J.H. see Gold, R. 1-50783
- Roberts, J.H.C. see Aston, D. 1-14399, 1-45297, 1-50442
- Roberts, K.V. see Gruber, R. 1-51934
- Roberts, L.D., Josephson, W.D., Dale, J.H., Page, C., Deane, P.A., Krakow, W.T. Systematics for the elements, K through Ra, of the pressure dependence of the electron density at the nucleus 1-33428
- Roberts, L.D. see Krakow, W.T. 1-43052
- Roberts, M., Stevens, K.W.H. A Green function method for the intermediate valence model 1-20665
- Roberts, M.J. see Chilton, J.M. 1-16879
- Roberts, M.J. see Sadjadi, F.A. 1-51891
- Roberts, M.W., Smart, R.St.C. XPS studies of donor and acceptor chemisorption of NO and CO on nickel oxide surfaces 1-39220
- Roberts, M.W. see Au, C.T. 1-2800
- Roberts, M.W. see Isa, S.A. 1-17097
- Roberts, N.J. Evaluation of process inventory uncertainties 1-14610
- Roberts, P.C. Energy and society 1-39723
- Roberts, P.D., Rose, S.J., Thompson, P.C., Wright, R.J. The stability of multiple-shell ICF targets 1-10523
- Roberts, P.H. see James, R.W. 1-4761
- Roberts, P.H. see Loper, D.E. 1-54029
- Roberts, P.H., Jr., Wright, J.L. The Saturn Orbiter Dual Probe mission concept 1-44406
- Roberts, P.T. see Kalghatgi, G.T. 1-5286
- Roberts, P.V. see Brunner, P.H. 1-21704
- Roberts, R. see Carswell, W.S. 1-3876
- Roberts, R.F., Allara, D.L., Pryde, C.A., Buchanan, D.N.E., Hobbs, N.D. Mean free path for inelastic scattering of 1.2 keV electrons in thin poly(methylmethacrylate) films 1-31316
- Roberts, R.G. see Close, F.E. 1-23502
- Roberts, S., Dobson, P.J. Evidence for reaction at the Al-SiO₂ interface 1-47391
- Roberts, S.A. COLASE—A CO-N₂-He laser kinetics code 1-19317
- Roberts, S.A. see Bray, A.J. 1-12305
- Roberts, S.H., Steeds, J.W. Cathodoluminescence from ZnS and CdSe 1-26282
- Roberts, V.C. see Sainz, A.J. 1-22094
- Roberts, W. see Garcia, M. 1-4996
- Roberts, W.T. see Murray, B.W. 1-8336
- Robertshaw, J.S., Smith, I.W.M. Vibrational energy transfer from $\text{CO}(\nu=1)$, $\text{N}_2(\nu=1)$, $\text{CO}_2(001)$, $\text{N}_2\text{O}(001)$ and $\text{OCS}(001)$ to O_3 1-46091
- Robertson, A.G. see Crompton, R.W. 1-37343
- Robertson, A.W. see Watts, S.J. 1-5648, 1-23518
- Robertson, C.H., Jr., Bradley, M.E., Homer, L.D. Comparison of two- and four-magnetometer methods of measuring ventilation 1-22099
- Robertson, D. see Miller, M.W. 1-49060
- Robertson, D.G.C. see Nilmani, M. 1-51845

- Robertson, D.S., Carter, W.E., Corey, B.E., Cotton, W.D., Counselman, C.C., Shapiro, I.I., Witels, J.J., Hinterberger, H.F., Knight, C.A., Rogers, A.E.E., Whitney, A.R., Ryan, J.W., Clark, T.A., Coates, R.J., Ma, C., Moran, J.M. Recent results of radio interferometric determinations of a transcontinental baseline, polar motion, and Earth rotation 1-44085
- Robertson, D.S. see Born, P.J. 1-31359
- Robertson, D.S. see Carter, W.E. 1-49393
- Robertson, E. see Gordon, D. 1-35796
- Robertson, E.C. see Meister, R. 1-27156
- Robertson, G.B. see Dunand, A. 1-31877, 1-35554
- Robertson, G.H. Model for spatial variability effects on single-path reception of underwater sound at long ranges 1-37670
- Robertson, G.N. see Lawrence, M.C. 1-35024
- Robertson, H.J. see Akkapeddi, P.R. 1-46464
- Robertson, J. Electronic structure of lead glasses and resonant covalence in glasses 1-30616
- Robertson, J.A. see Baguley, D.M.S. 1-47867
- Robertson, J.B., Raju, M.R. Sudden reversion to normal radiosensitivity to the effects of X irradiation and plutonium-238 α particles by a radioresistant rat-mouse hybrid cell line 1-4338
- Robertson, J.C., Shah, J., Amos, H., Druett, J.E., Gisby, J. An interface pressure sensor for routine clinical use 1-49141
- Robertson, J.C. see Grady, D.J. 1-28809
- Robertson, J.G. Further observations of the head-tail radio galaxy PKS 2247+11 1-36422
- Robertson, J.K. see Boettcher, A.L. 1-39321
- Robertson, J.M., Van Tol, M.W. Epitaxially grown monocrystalline garnet cathode-ray tube phosphor screens 1-8241
- Robertson, J.M., Van Tol, M.W. Luminescent single crystal thin films of manganese doped barium hexa-aluminate 1-53001
- Robertson, J.M. see Breed, D.J. 1-47920
- Robertson, J.M. see Van Den Boom, H. 1-16553
- Robertson, L. see Ekstrom, C. 1-629
- Robertson, M.J. Trapping effects in CdS devices 1-47757
- Robertson, P.W. see Pertmer, G.A. 1-45650
- Robertson, R.E. see Beardmore, P. 1-12955
- Robertson, R.G.H., Nolen, J.A., Jr., Chapuran, T., Vodhanel, R. Mass of ^6Li and the excitation energy of its 3.56-MeV state 1-45505
- Robertson, R.G.H. see Ledebuhr, A.G. 1-5742
- Robertson, S.J. see Johnston, M.H. 1-7497
- Robertson, W.J. see Fortney, L.R. 1-50113
- Robertson, W.M. An improved model for hydrogen trapping in metals 1-52334
- Robertson, W.M. see Pardee, W.J. 1-43346
- Robertson, L. see Ekstrom, C. 1-5692
- Robic, J.Y., Piaquet, J., Duret, D., Veler, J.C., Veran, J.L., Zenatti, D. Ion implantation in superconducting niobium and Nb_3Sn thin films: adjustment of Josephson microbridges and SQUID 1-12242
- Robiette, A.G. see Wellington Davis, R. 1-14877
- Robieux, J. Future prospects for solar energy 1-26821
- Robillard, L. see Vasseur, P. 1-1598
- Robillard, M. see Audet, J. 1-43939
- Robillard, M. see Mamouni, A. 1-8971, 1-35859
- Robillard, M. see Nguyen, D.D. 1-22108
- Robin, A. The future of energy in France and the VIIIth Plan 1-43731
- Robin, A. see Doussineau, P. 1-15957
- Robin, A.M. see Van Ranst, E. 1-49271
- Robin, C., Pelloux, R.M. Fatigue crack growth retardation in an aluminum alloy 1-8423
- Robin, C., Pluvinage, G. Fatigue threshold in a 2618A aluminum alloy 1-48468
- Robin, I.A. Bifurcations of plane with three-dimensional periodic orbits in the elliptic restricted problem 1-40323
- Robin, J. see Pehlivanian, E. 1-40031
- Robin, M. see Lormand, G. 1-35256
- Robin, M.B. Multiphoton fragmentation and ionization 1-29062
- Robino, M. see Loison, J.L. 1-3618
- Robins, E.S. see Lee, M.J.G. 1-8201
- Robins, P.J. The point-load strength test for concrete cores 1-8509
- Robinson, B. see Bleakley, R.H. 1-270
- Robinson, B.H., Dalton, L.R. Approximate methods for the fast computation of EPR and ST-EPR spectra. V. Application of the perturbation approach to the problem of anisotropic motion 1-33482
- Robinson, B.H., Forgacs, G., Dalton, L.R., Frisch, H.L. A simple model for internal motion of DNA based upon EPR studies in the slow motion region 1-24299
- Robinson, B.H. see Mailer, C. 1-44059
- Robinson, C.J., Burton, H. A high-resolution interval timer and buffered storage system for neurophysiological experiments 1-13368
- Robinson, C.R. Hot extrusion forging offers design advantages 1-21374
- Robinson, D.E. see Braun, M. 1-33850
- Robinson, D.K. see DiBianca, F.A. 1-45343
- Robinson, D.P. Approximate models for the analysis of laser velocimetry correlation functions 1-46833
- Robinson, D.W., Lawandy, N.M. Superfluorescence from flash-pumped H_2O vapor 1-46320
- Robinson, D.W. see Bratteli, O. 1-14224
- Robinson, D.W. see Fuller, H.C. 1-29458, 1-29459
- Robinson, E.L., Kepler, S.O. The ZZ Ceti stars and the rate of evolution of white dwarfs 1-44562
- Robinson, E.L. see Evans, D.S. 1-9485
- Robinson, E.L. see Patterson, J. 1-22817
- Robinson, E.L. see Stover, R.J. 1-17844, 1-22794
- Robinson, E.S. see Williams, R.T. 1-27180
- Robinson, F.C. see Buhl, A.R. 1-10486
- Robinson, F.N.H. Baseline drift in nuclear quadrupole resonance spectrometers 1-315
- Robinson, G. see Hyland, A.R. 1-22858
- Robinson, G. see Jones, T.J. 1-49751
- Robinson, G.W. Surface-enhanced Raman effect 1-28974
- Robinson, G.Y. Metallurgical and electrical characterization of metal-semiconductor contacts 1-12190
- Robinson, G.Y. see Grinolds, H.R. 1-7735
- Robinson, G.Y. see Hokelek, E. 1-34795
- Robinson, G.Y., Jr. Economics of cryogenic systems for superconducting magnets 1-44968
- Robinson, J. Four-node quadrilateral stress membrane element with rotational stiffness 1-9839
- Robinson, J.A. Design and application of underwater closed circuit television 1-22547
- Robinson, J.C. see Buhl, A.R. 1-18827, 1-28650
- Robinson, J.C. see Childs, R.L. 1-10487
- Robinson, J.C. see Sweeney, F.J. 1-18829
- Robinson, J.E., Ashton, W. Energy requirements of an aluminum solar collector 1-17267
- Robinson, J.E. see Myers, R. 1-22068
- Robinson, J.M. see Calladine, C.R. 1-6800
- Robinson, J.O. see Wilson, J.A. 1-53929
- Robinson, J.T. see Estabrooks, D.C. 1-19414
- Robinson, J.W. Self-crowbarring, load-isolating triggered spark gap 1-23279
- Robinson, K. see Evers, P. 1-32323
- Robinson, L.B. see Miller, J.S. 1-27387
- Robinson, L.C. see Campbell, D.J. 1-40839
- Robinson, L.C. see Hewitt, R.G.L. 1-29854
- Robinson, M.B. see Lacy, L.L. 1-12731, 1-36641
- Robinson, M.T. see Roberto, J.B. 1-7211
- Robinson, N.E. see Fuller, S.D. 1-22035
- Robinson, N.E. see Olson, L.E. 1-26927
- Robinson, R. see Poulson, B. 1-31715
- Robinson, R.D., Jr. Magnetic field measurements on stellar sources: a new method 1-9469
- Robinson, R.L. see de Lima, A.P. 1-41033
- Robinson, R.S. see Hill, H.A. 1-27479
- Robinson, S.E. see Schloerb, F.P. 1-22705
- Robinson, V.J. see Chandratillake, M.R. 1-31175
- Robinson, W.H. see Western, B.E. 1-17155
- Robinson, W.J. Displacement of the Lagrange equilibrium points in the restricted three body problem with rigid body satellite 1-40342
- Robinson, W.R., Dilorio, G.J., Morman, J.A., Schaefer, R.W. Comparison of calculations and integral measurements for a uranium/iron benchmark critical assembly 1-28665
- Robinson, W.R. see Bhattacharyya, S.K. 1-833
- Robinson, W.R. see Bodner, G.M. 1-13964
- Robison, H. Liquid desiccant solar heat pump for developing nations 1-17237
- Roble, R.G. see Hernandez, G. 1-17714
- Roble, R.G. see Rees, M.H. 1-9306
- Robledo, A. see Pena, J.L. 1-20253
- Robledo, A. see Varca, C. 1-38220
- Roblin, G., Sherif, M.E.I. Restoration of the complex amplitude of a phase object in microscopy by phase modulation interferometry 1-33050
- Robnik, M. An extremum property of the n-dimensional sphere 1-90
- Robnik, M. On adiabatic invariants and continuous large-scale deformations of QM energy spectra 1-18073
- Robnik, M. see Kundt, W. 1-32693
- Robouch, B.V. see Sestero, A. 1-19917
- Robsman, V.A. see Ignatov, Ye.I. 1-54075
- Robson, A.E. A conceptual design for an imploding-liner fusion reactor 1-33350
- Robson, A.E. see Sethian, J.D. 1-2210
- Robson, B. see Hagler, A.T. 1-4244
- Robson, B.A. see Baldock, R.A. 1-28387
- Robson, D., Webber, D.M. Gauge theories on a small lattice 1-28198
- Robson, D. see Bradley, A. 1-10171
- Robson, J.D. The response relationships of random vibration analysis 1-29607
- Robson, K. An investigation of adsorbed species and related model compounds by inelastic neutron scattering spectroscopy 1-16190
- Robson, M.J. see Packter, A. 1-42311
- Robson, P.N. see Benson, T.M. 1-51639
- Robson, P.N. see Wada, O. 1-25300
- Robson, R.E. see Kumar, K. 1-15565
- Roca, V. see Moro, R. 1-8645
- Roca Cortes, T. see Claverie, A. 1-32678
- Rocaries, F., Olalde, G., Granier, P., N'Doye, B., Daguene, M. Simulations of solar capitation systems: methodology and applications to distillation, gas and water heating 1-17265
- Rocca, A. see Berthomieu, G. 1-27469
- Rocca, A. see Provost, J. 1-44541
- Rocca, F. see Godfrey, R. 1-27259
- Rocca Serra, J. see Brunet, H. 1-41678
- Rocca-Serra, N., Barthe, J., Blanc, D., Petel, M. TSEE from crystalline α/β alumina mixtures sprayed into a plasma flame 1-8203
- Rocca-Volmerange, B. see Prevot, L. 1-13846
- Rocca-Volmerange, B. see Vangioni-Flam, E. 1-13849
- Rocchiccioli, J.L. see Launspach, J. 1-46904
- Rocci, G. see Candiotti, M. 1-16461
- Rocco, A.G. De see De Rocco, A.G.
- Roeck, M., Townsend, P.K. Three-loop finiteness of the N=4 supersymmetric non-linear σ model 1-14233
- Roch, A. see Hiernaut, J.P. 1-2488, 1-7493
- Roche, A. see Vinh, T. 1-39459
- Roche, A.D. see Singer, A.R.E. 1-3648
- Roche, A.L. see Carre, M. 1-1297
- Roche, C.T. see Sholeen, C.M. 1-14600
- Roche, E.J., Stein, R.S., MacKnight, W.J. Small-angle X-ray and neutron scattering studies of the morphology of ionomers 1-2344
- Roche, E.J., Stein, R.S., Thomas, E.L. Electron microscopy study of the structure of normal and abnormal poly(butylene terephthalate) spherulites 1-2347
- Roche, F. see Abdalla, S. 1-17226
- Roche, G.J. La see La Roche, G.J.
- Roche, L. see Schmitz, F. 1-822
- Roche, M., Morin, J., Musart, R., Pierre, B. A new neutron detection technique: fissile resistors 1-28511
- Roche, M. see Babuel-Peyrissac, J.P. 1-30326
- Roche, M. see Peugeot, C. 1-2588
- Roche, M. see Salahub, D.R. 1-16188
- Roche, M.F. see Ross, L.E. 1-53585
- Roche, M.F. see Tomczuk, Z. 1-17189
- Roche, P. see Borgogno, J.P. 1-37637
- Roche, P.F. see Aitken, D.K. 1-4923
- Roche-Farmer, L. Alternative methods for the management of liquid scintillation counter wastes with comments on acceptable methods for disposal of carcasses 1-41195
- Rochelle, J.M. see Wright, A.L. 1-10482
- Rochus, P. see Jamison, M. 1-14486
- Rock, C.A. see Welch, E.B. 1-4225
- Rock, P.A. see Toofan, M. 1-21758
- Rockenbauer, A., Gyor, M., Jokay, L., Tudos, F. Conformational studies of nitroxide radicals by ESR spectroscopy. II. Hindered rotation of the N-methylene group 1-33481
- Rockett, T.J. see Thakore, N.C. 1-53308
- Rockey, D.E. Concentrator-enhanced photovoltaic arrays for deep space applications 1-48861
- Rockley, M.G. Reasons for the distortion of the Fourier-transformed infrared photoacoustic spectroscopy of ammonium sulfate powder 1-8053
- Rockley, M.G., Davis, D.M., Richardson, H.H. Quantitative analysis of a binary mixture by Fourier transform infrared photoacoustic spectroscopy 1-53496
- Rockmore, R. see Brockmann, R. 1-28500
- Rockwell, D. see Schachenmann, A. 1-24881
- Rockwood, S.D., Greene, A.E. Numerical solutions of the Boltzmann transport equation 1-196
- Rocofyllou, E. see Papastakoudis, C. 1-7592
- Rocofyllou, E. see Papathanassopoulos, K. 1-47614
- Rocroi, J.P. see Cecchini, A. 1-54269
- Rod, D.L. see Churchill, R.C. 1-83
- Rodak, M.I. Magnetic resonance in a solid in the case of a narrow and asymmetric spin-lattice interaction line 1-12385
- Rodano, R. see Boccardi, S. 1-53938
- Rodarte, J.R. see Castile, R.G. 1-53807
- Rodbro, M. see DuBois, R. 1-6219
- Rodchenko, D.A. see Belyi, V.A. 1-53398
- Roddatis, V.K. see Asinovsky, E.I. 1-15698
- Rodier, F. Speckle and intensity interferometry: applications to astronomy 1-40357
- Rode, A.V. see Basov, N.G. 1-6596
- Rode, B.M. The influence of metal ions on neighbouring hydrogen bonds 1-28871
- Rode, B.M., Reinberger, G.J., Fujiwara, S. Transition state model for water exchange in the first solvation shell of hydrated cations according to quantum chemical calculations 1-48649
- Rode, C., Brindza, P., Richied, D., Stoy, S. Energy doubler satellite refrigerator magnet cooling system 1-45769
- Rode, C. see Koepke, K. 1-51008
- Rode, I. see Kuhn, W. 1-23676
- Rode, J.P. InAsSb hybrid imager evaluation 1-5399
- Rode, O. see Zvara, M. 1-21224
- Rode, V.E., Finkelberg, S.A., Kisilev, V.V., Vzhenskaya, T.M. Investigation of exchange anisotropy in alloys of iron with chromium and nickel 1-25924
- Rodeback, G.W. see Crittenden, E.C., Jr. 1-22454
- Rodeback, S. see Aguilar-Benitez, M. 1-5646, 1-23517

- Rodeback, S. *see* Loverre, P.F. 1-18511, 1-18512
- Rodekohl, M. *see* Kraft, J. 1-21835
- Rodel, V., Schroder, G.H., Vossenber, E.B. Generation of current pulses of quasi triangular shape with fast power thyristors 1-28760
- Roden, G. *see* Nickel, B. 1-33489
- Rodenberg, R. Some remarks about nonlinear logarithmic corrections to the evolution equations for hadronic wave functions and their influence on the pion form factor 1-50431
- Roder, U., Scherg, C. Scattered ultrasound for incoherent insonification in transmission imaging 1-39977
- Roderick, N.F. *see* Hussey, T.W. 1-34109
- Rodger, C.D. *see* Kuroda, R. 1-41516
- Rodger, W.A. *see* Williams, R.F. 1-45641
- Rodgers, E.G., Petcolas, W.L. Selective ultraviolet resonance Raman excitation of individual chromophores in nicotinic adenine dinucleotide 1-33470
- Rodgers, E.G., Strommen, D.P. A multifunctional spinning cell for obtaining Raman spectra of micro samples in the backscattering geometry 1-50223
- Rodgers, M. *see* Davis, D.D. 1-26793
- Rodgers, M.A.J. *see* Chandratillake, M.R. 1-31175
- Rodgers, M.O., Asai, K., Davis, D.D. Photofragmentation-laser induced fluorescence: a new method for detecting atmospheric trace gases 1-13584
- Rodgers, N.W. *see* Wass, S.Y. 1-49236
- Rodgers, R.J. Conceptual design of self-critical UF_6 -fueled nuclear-pumped laser systems 1-24395
- Rodgers, R.J. *see* Barton, D.M. 1-23769
- Rodgers, R.J. *see* Roman, W.C. 1-23770
- Rodhammer, P. *see* Gmelin, E. 1-32988
- Rodhe, H. Estimate of wet deposition of pollutants around a point source 1-35730
- Rodhe, H., Isaksen, I. Global distribution of sulfur compounds in the troposphere estimated in a height/latitude transport model 1-40172
- Rodi, W. *see* Gibson, M.M. 1-51752
- Rodichev, Yu.M. *see* Pisarenko, G.S. 1-43634
- Rodicker, H. *see* Kroll, U. 1-38341
- Rodier, N. *see* Viossat, B. 1-47071
- Rodini, A.L. *see* Fridkin, V.M. 1-17660
- Rodin, M.E. *see* Rivkin, E.Yu. 1-21662
- Rodionov, A.A., Gordiyenko, E.I., Pomogaibov, V.D. The self-reversal of magnetization in cobalt 1-12354
- Rodionov, A.A., Khantuleva, T.A. Non-local model of relaxing boundary layer 1-11409
- Rodionov, A.A., Khantuleva, T.A. Non-local model of a laminar suspension flow 1-51862
- Rodionov, A.G. *see* Vendik, I.B. 1-52574
- Rodionov, A.Y. *see* Pashchenko, A.S. 1-16673
- Rodionov, A.Y. *see* Alekseev, A.I. 1-50354
- Rodionov, I.M. *see* Koshelev, V.B. 1-22042
- Rodionov, N.A. *see* Bochehov, V.I. 1-53085
- Rodionov, N.B. *see* Oraevskii, A.N. 1-6567
- Rodionov, S.A. *see* Agurov, I.P. 1-24473
- Rodionov, S.A. *see* Zverev, V.A. 1-11064
- Rodionov, V.A., Ignatenko, A.S., Telnov, V.M. Compensation method for plasma etching (deposition) control monitor 1-341
- Rodionov, Yu.F. *see* Zelenkov, A.G. 1-28418
- Rodionov, Yu.L. *see* Gruzin, P.L. 1-31424
- Rodionov, Yu.P. *see* Bugrov, V.Ya. 1-25799
- Rodionova, Zh.F. *see* Skobeleva, T.P. 1-4796
- Roditi, I. *see* Mignaco, J.A. 1-45828
- Rodkiewicz, C.M. *see* Gupta, R.N. 1-15509
- Rodkiewicz, C.M., Gupta, R.N. The weak interaction induced pressure due to the stepwise-deceleration of a flat plate in hypersonic flow 1-51807
- Rodloff, R. The laser gyro 1-37534
- Rodman, L.E. *see* Fritzsche, J.L. 1-41402
- Rodney, P.F. *see* Tompkins, D.R., Jr. 1-4588
- Rodnikova, I.V. *see* Kel'man, V.M. 1-356
- Rodniyi, P.A. *see* Ershov, N.N. 1-31184
- Rodno, Yu.V. *see* Davidov, V.A. 1-1023
- Rodono, M. *see* Cerruti-Sola, M. 1-9575
- Rodrigue, H. *see* Navon, U. 1-34000
- Rodriguez, A.R.D. *see* Hart, M. 1-48047
- Rodriguez, C.O. *see* Brand, S. 1-52520
- Rodriguez, L.F., Ho, P.T.P., Moran, J.M. Anisotropic mass outflow in Cepheus A 1-22912
- Rodriguez, L.F. *see* Canto, J. 1-9607
- Rodriguez, M., Garcia-Golding, F., Nava, R. Ultrasonic attenuation by resonant two-level systems in smoky quartz 1-2569
- Rodriguez, M. *see* Buel, S. 1-52913
- Rodriguez, M.H. Intrinsic polarization of the classical Cepheid variable TU Cassiopeiae 1-4916
- Rodriguez, R. *see* Combe, P. 1-5137
- Rodriguez, R. *see* Combe, Ph. 1-5464
- Rodriguez, R. *see* Kaidanovskii, M.N. 1-9457
- Rodriguez, S. *see* Imano, W. 1-39091
- Rodriguez-Camino, E. *see* Gonzales-Gascon, F. 1-17988
- Rodriguez-Camino, E. *see* Gonzalez-Gascon, F. 1-52, 1-5095, 1-14002
- Rodriguez-Gomez, J. Dirac mechanics and Landau two-fluid model in ^4He II 1-11929
- Roduner, E., Fischer, H. Muonium substituted organic free radicals in liquids. Theory and analysis of μSR spectra 1-33581
- Rodway, D.C., Cullis, A.G., Webber, H.C. Laser cleaning of GaAs surfaces in vacuo 1-21603
- Rodwell, W.R. *see* Bogum, W.J. 1-24034
- Rodwell, W.R. *see* Ogilvie, J.F. 1-37171
- Rodzevich, G.V. *see* Galiaskarov, Sh.A. 1-14111
- Rodzianko, P. The challenge of financing geothermal development 1-48800
- Rodzink, D., Slesar, M. The fatigue curve of sintered ion and its microstructural and fractographic interpretation 1-31608
- Roe, B. *see* Brandelik, R. 1-23510, 1-23527
- Roe, B.P. *see* Ammosov, V.V. 1-40980
- Roe, B.P. *see* Berge, J.P. 1-540
- Roe, B.P. *see* Efrementov, V.I. 1-33173
- Roe, J.W. *see* Grimes, B.K. 1-45706
- Roebber, J.L., Gerrity, D.P., Hemley, R., Vaida, V. Electronic spectrum of furan from 2200 to 1950 \AA 1-6269
- Roebuck, B. *see* Almond, E.A. 1-4018
- Roelck, E. Recent experiments at the GSI on-line separator 1-10360
- Roedder, E., Bodnar, R.J. Geologic pressure determinations from fluid inclusion studies 1-13623
- Roeder, J.L., Sheldon, W.R., Benbrook, J.R., Bering, E.A., Leverenz, H. X-ray measurements during the Araks experiments 1-49440
- Roeder, J.L. *see* Bering, E.A. 1-17731
- Roeder, M. Alkali-halide chemiluminescence: studies on the fluctuation bands from some alkali (Li, Na, K)-halogen (Cl, Br, I)-reactions 1-8573
- Roeder, R.C. *see* Dyer, C.J. 1-44663
- Roederer, J.G. *see* Wescott, E.M. 1-40251
- Roedern, B. *see* von Roedern, B.
- Roedler, H.D. *see* Kaul, A. 1-44026
- Roegen, I. Antisymmetric product of geminals in the context of the method of moments 1-49966
- Roegiers, J.-C. *see* Bawden, W.F. 1-44219
- Roehrig, H. *see* Dick, C.E. 1-40914
- Roehrig, H. *see* Frost, M.M. 1-43972
- Roekaerts, D. *see* Langouche, F. 1-5155
- Roellig, M.P., Houston, P.L., Asscher, M., Haas, Y. CF_3NO photodissociation dynamics 1-37278
- Roelof, E.C. *see* Mitchell, D.G. 1-17748
- Roemer, E., Sanwal, N.B. Visual multiples. IV. Radial velocities of 13 systems 1-40527
- Roepenack, P. *see* Funke, H. 1-23836
- Roerdink, E., Challa, G. LCST behaviour in blends of poly(vinylidene fluoride) and isotactic poly(ethyl methacrylate) 1-25416
- Roesch, S., Fry, G.A. The absence of the Ives effect in a deuteranope 1-17394
- Roesch, W. *see* Deming, L. 1-49159
- Roesch, W.C. Microdosimetry for radiation nonequilibrium 1-49129
- Roesch, W.C. *see* Nelson, J.M. 1-17460
- Roesler, D.M. *see* Vansteenkiste, T.H. 1-50240
- Roeterdink, J.A. *see* Elsen, D.J. 1-50923
- Roethemeyer, H. High-level waste disposal 1-41192
- Roether, W. *see* Weiss, W. 1-4533
- Roetti, C. *see* Dovesi, R. 1-34609, 1-47447
- Roey, J. *see* Van der Roey, J.
- Roffwang, H.P. *see* Farber, J. 1-26894
- Rofstad, E.K., Lindmo, T., Brustad, T. Effect of single dose irradiation on the proliferation kinetics in a human malignant melanoma in athymic nude mice 1-53823
- Rogach, L.P. *see* Biktimirov, R.S. 1-28102
- Rogacher, A. *see* Asnin, V.M. 1-47704
- Rogacher, A.A. *see* Averkiev, N.S. 1-52993
- Rogacher, A.A. *see* Gerasimov, A.L. 1-52660
- Rogacher, A.A. *see* Matveev, B.A. 1-34269
- Rogacher, A.A. *see* Obukhov, S.A. 1-52923
- Rogachev, A.V. *see* Barkan, A.I. 1-21664
- Rogachev, D.L., Kuznetsov, V.Ya., Dikareva, L.M., Sadikov, G.G., Porai-Koshits, M.A. Structure of the double sulfate of hafnium and sodium $\text{Hf}(\text{SO}_4)_3 \cdot 3\text{Na}_2\text{SO}_4 \cdot \text{H}_2\text{O}$ 1-42359
- Rogachev, D.L. *see* Kuznetsov, V.Ya. 1-42358
- Rogacheva, E.L., Panasenkov, N.M., Seregin, P.P. Semiconductive alloys of the $\text{PbTe-In}_2\text{Te}_3$ system. [Phase and electrophysical properties] 1-42512
- Rogachevskii, B.M. *see* Beresnev, V.K. 1-49401
- Rogalsin, V.E., Tishchenko, N.A., Shaskol'skaya, M.P. Interaction of an infrared radiation pulse with the color centers in NaCl 1-52134
- Rogalsin, V.E. *see* Levinson, D.I. 1-31242
- Rogal'skaya, E.G. *see* Krashennnikov, S.Yu. 1-2045
- Rogalski, A. Influence of air on the electrical properties of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ layers on a mica substrate 1-30857
- Rogalski, A. *see* Grudzin, M. 1-38712, 1-38807
- Rogalski, M., Malanowski, S. Ebuliometers modified for the accurate determination of vapour-liquid equilibrium 1-28151
- Rogani, A. *see* Campos Venuti, G. 1-53708
- Rogankov, V.B., Chumachenko, A.V. Calculation of gas-gas phase equilibrium for the mixture He-FI_2 1-6916
- Roganov, P.S. *see* Shishov, E.V. 1-15477
- Rogachewski, S. *see* Neubert, G. 1-16634
- Rogatchev, T. *see* Papazov, G. 1-53575
- Rogel'berg, I.L. *see* Cherenkov, V.A. 1-18226
- Roger, A., Breidne, M. Grating profile reconstruction by an inverse scattering method 1-24483
- Roger, A., Maystre, D. The inverse scattering problems in optics 1-1489
- Roger, A., Maystre, D. Inverse scattering method in electromagnetic optics: application to diffraction gratings 1-41571
- Roger, C. *see* Valtou, M. 1-38216, 1-42271
- Roger, G. Vector interpretation of deformable mirror COAT system 1-46492
- Roger, G., Blanc, C., More, C. Use of a digital PLL in an ESR heterodyne spectrometer 1-36713
- Roger, G. *see* Bertrand, P. 1-22171
- Roger, G. *see* Gaffard, J.P. 1-46491
- Roger, J.A. *see* Durup, P. 1-31393
- Roger, M., Delrieu, J.M., Hetherington, J.H. The experimental results on magnetic order in BCC solid ^3He are well explained by planar four spin exchange 1-2772
- Roger, M. *see* Delrieu, J.M. 1-2771
- Roger, R.E. On the interpretation of shadow-moire fringes 1-37407
- Roger, R.S., Pedlar, A. Atomic and ionized hydrogen associated with NGC 281 (S 184) 1-54586
- Rogers, A.E.E. Methods of using closure phases in radio aperture synthesis 1-34393
- Rogers, A.E.E. *see* Robertson, D.S. 1-44085
- Rogers, B.C., Riales, L.J. Tennessee Valley Authority's proposed action for on-site storage and volume reduction of radioactive materials 1-50847
- Rogers, B.D. *see* Bennion, I. 1-11079
- Rogers, C., Baker, J.A. The finite elastodynamics of hyperelastic thin tubes 1-29592
- Rogers, C. *see* Kleinsasser, A.W. 1-47812
- Rogers, C.E. *see* Sifarakis, A. 1-52424
- Rogers, C.F. *see* Pyle, J.A. 1-9214, 1-22456
- Rogers, D. *see* Cook, E.G. 1-23871, 1-45352
- Rogers, E. *see* Lubatti, H.J. 1-45352
- Rogers, F.J. A HNC study of asymmetrically charged hard spheres 1-35538
- Rogers, F.J. Analytic electron-ion effective potentials for $\text{ZrC}_{0.5}$ 1-51258
- Rogers, G.C., Ellis, R.M., Hasegawa, H.S. The McNaughton Lake earthquake of May 14, 1978 1-53994
- Rogers, G.J. *see* Patrick, R. 1-31842
- Rogers, G.L., Schdev, K.K. Control of cross-talk effects with pulse-width modulated pictures on orthogonal carriers 1-19273
- Rogers, G.L. *see* Vasu, R.K. 1-15084
- Rogers, G.W. *see* Au, C.K. 1-14248
- Rogers, H. *see* Adler, E. 1-48826
- Rogers, H., Jr. 10 MW geothermal power plant for Southern California Edison and Union Oil Company of California 1-48797
- Rogers, H., Jr. Hawaii geothermal project 'A' Wellhead Generator Feasibility Project 1-48799
- Rogers, H.H. *see* Pickett, D.F. 1-53603
- Rogers, J. Electron holography 1-37399
- Rogers, J.C., Morack, J.L. Geophysical evidence of shallow nearshore permafrost, Prudhoe Bay, Alaska 1-9185
- Rogers, J.D. Magnetic energy storage 1-48920
- Rogers, J.D. *see* Singh, S.L. 1-48929
- Rogers, J.G., Beveridge, J.L., Gurd, D.P., Fearling, H.W., Anderson, A.N., Cameron, J.M., Greeniaus, L.G., Goulding, C.A., Smith, C.A., Stetz, A.W., Richardson, J.R., Frascaria, R. Proton-proton bremsstrahlung at 200 MeV 1-23660
- Rogers, J.W., Jr., Campbell, C.T., Hance, R.L., White, J.M. An electron spectroscopy study of ammonia adsorption on clean and oxidized aluminum 1-3577
- Rogers, J.W., Jr., Hance, R.L., White, J.M. An electron spectroscopic investigation of the interaction of methanol with polycrystalline aluminum 1-21778
- Rogers, L.J. *see* Bear, I.J. 1-3661
- Rogers, P.J. *see* Emmons, D.A. 1-18198
- Rogers, R.T. Advances in X-ray equipment design 1-26980
- Rogers, S.C. *see* Legon, A.C. 1-10712
- Rogers, S.J. *see* Chan, S.L. 1-16406
- Rogers, S.J. *see* Dance, G.P. 1-16141
- Rogers, S.R. *see* Perala, R.A. 1-34142
- Rogers, T.G. *see* Moss, R.L. 1-29549
- Rogers, V.C. *see* Macbeth, P.J. 1-45645
- Rogers, W.H. *see* Sya, C.L. 1-28734
- Rogers, W.L., Adler, R.S., Korat, K.F. A rationale for optimal coded aperture design 1-53878
- Rogerson, J.E. *see* Jacobs, V.L. 1-6929
- Rogge, F. *see* Froben, F.W. 1-51193
- Roggemann, P. New meteor shower 1-17796
- Rogiers, J. *see* Betts, D.D. 1-32926
- Roginets, L.P. *see* Zhuk, I.V. 1-23980, 1-51059
- Rogl, P. The crystal structure of URu_2B_2 1-11733
- Rogl, P., Nowotny, H. Structural chemistry of ternary metal borides: rare earth metal-noble metal-boron 1-25237
- Rogl, P. *see* Steurer, W. 1-34312
- Rognebakke, A. *see* Erriques, O. 1-23490

- Rogoff, G.L. The diffusion length for positive columns with nonlinear electron production and loss rates 1-38181
- Rogoff, P. see Knutson, D.S. 1-6011
- Rogov, I.A. see Adamenko, V.Ya. 1-39034
- Rogov, K.D. see Sedov, V.M. 1-28597
- Rogov, M.I., Slobodskii, M.I., Filippov, V.F. Corrosion resistance of zirconium with complex additions of transition metals 1-3997
- Rogov, V.V., Burman, L.L. Suitability of optical ceramics for treatment with synthetic diamond tools 1-6690
- Rogov, V.V., Denisov, A.P., Chalyi, V.T., Rublev, N.D., Guzov, V.V. Study of unique features of optical component glass polishing with diamond and cubonite tools 1-15293
- Rogovin, D., Nagel, J. Plasma oscillations on a DC Shapiro step 1-52720
- Rogovin, D., Nagel, J., Scully, M. Quantum theory of the DC Josephson effect: Current-biased eigenstates and excitation spectrum 1-42921
- Rogovin, D., Scully, M. Eigenstates and eigenvalues of a current biased Josephson junction 1-3110
- Rogovin, D., Scully, M. The role of the cooperation number in superconducting systems 1-7786
- Rogovin, D. see Nagel, J. 1-41751
- Rogovin, M.D., Rabinovich, V.A. Analytical equation of state for dense gases and liquids with an account for quantum corrections in the first order of the perturbation theory. [⁴He application] 1-30504
- Rogovoi, I.D., Chapelev, V.Ya., Minin, Yu.L., Litvin, Yu.K., Markochov, A.S., Zakharchenko, A.P., Obnoskii, V.B. High-precision polarimeter-saccharimeter for an automatic testing line 1-36723
- Rogovsky, A.J., Rose, J.L. Some additional aspects of the standardless sensitivity selection technique 1-48621
- Rogovtsev, P.N. see Voronich, V.B. 1-52015
- Rogowski, A.J. see Puls, M.P. 1-53252
- Rogozhin, A.A. see Shamovskii, L.M. 1-12546
- Rogozhnikov, N.A., Bek, R.Yu. Cyanide ion adsorption on silver. Choice of the electric variable, and the adsorption isotherm 1-52434
- Rogozin, V.A. see Luchaninov, A.G. 1-31096
- Rogozinskaya, A.A. see Verkhoturov, A.D. 1-43590
- Rogstad, D.H. see Fanselow, J.L. 1-49195
- Rogue, F. see Bradley, R.T. 1-14612
- Rohatgi, A., Hopkins, R.H., Davis, J.R., Jr. The properties of polycrystalline silicon solar cells with controlled titanium additions 1-32015
- Rohatgi, A., Hopkins, R.H., Davis, J.R., Campbell, R.B., Mollenkopf, H.C. The impact of molybdenum on silicon and silicon solar cell performance 1-13130
- Rohatgi, A. see Campbell, R.B. 1-32020
- Rohatgi, P.K. see Biswas, S. 1-26634
- Rohatgi, P.K. see Deonath, 1-20295
- Rohatgi, P.K. see Suresh, D. 1-17173, 1-52263
- Rohatgi, U.S., Sanborn, Y. Independent assessment of TRAC-PIA with Marviken critical flow test 1-50803
- Rohatgi, V.K. Fusion energy—as it appears today 1-28702
- Rohda, M. see Barber, D. 1-14407
- Rohde, M. see Barber, D.P. 1-534, 1-28309
- Rohde, P.M. A matrix transfer function for an optical fibre based on coupled power theory 1-46579
- Rohde, R.W., Jones, W.B., Swearingen, J.C. Deformation modeling of aluminum; stress relaxation, transient behavior, and search for microstructural correlations 1-26532
- Rohde, R.W., Swearingen, J.C. Deformation modeling applied to stress relaxation of four solder alloys 1-12786
- Rohde, T. see del Cueto, J. 1-2759
- Rohleder, J. see Savatino, I. 1-8068
- Rohlena, K. Methods of numerical solution of the Boltzmann equation for the electron gas in a DC discharge plasma 1-15598
- Rohlena, K. see Urbankova, H. 1-15661
- Rohler, J., Kaindl, G. Influence of pressure on the inhomogeneous mixed-valent state in Eu_2S_4 1-38750
- Rohler, R. The detection of moving optical structures when using detector arrays suffering from spatial noise 1-43873
- Rohlf, J. see Bebek, C. 1-33191
- Rohlf, J. see Chadwick, K. 1-33192
- Rohlfing, E.A., Rabbitt, H., Gelfand, J., Miles, R.B., de Pristo, A.E. Modelling of relaxation measurements on highly vibrationally excited HD using direct overtone pumping and photoacoustic detection 1-1328
- Rohr, H. Rotational Raman scattering of hydrogen and deuterium for calibrating Thomson scattering devices 1-45975
- Rohr, H. see Fahrbach, H.U. 1-51937
- Rohr, K. Cross beam experiment for the scattering of low-energy electrons from methane 1-24255
- Rohr, K. see Dinger, R. 1-25008
- Rohr, P.C. see Bandera, R.P. 1-45713
- Rohr, R.R.-J. A unique Greek sundial recently discovered in central Asia 1-44748
- Rohrbach, F. see Lecoq, P. 1-41274
- Rohrbaugh, J.W., Sanquist, T.F., Lindsley, D.B., Syndulko, K. Synthesis of the contingent negative variation brain potential from noncontingent stimulus and motor elements 1-8843
- Rohrbeck, W., Hinz, A., Urban, W. Infrared laser magnetic resonance detection of SD at 1885.76 cm^{-1} 1-24148
- Rohrbeck, W. see Beer, M. 1-20220
- Rohrlich, F. Covariant hamiltonian systems leading to confinement 1-5126
- Rohrlich, F. Fundamental physical problems of quantum electrodynamics 1-14287
- Rohrlich, F. see King, M.J. 1-27817, 1-50372
- Roidt, R.M., Carelli, M.D., Markley, R.A. Experimental investigations of the hydraulic field in wire-wrapped LMFBF core assemblies 1-23735
- Roife, I.M., Burtsev, V.A., Vasilevskii, M.A., Engel'ko, V.I. Experimental study of a magnetically insulated diode for pulse lengths $\geq 10^{-5}$ s 1-51996
- Roife, I.M. see Burtsev, V.A. 1-970
- Roifman, M.D. see Mazhovich, B.I. 1-32170
- Roig, J. see Fourcade, N. 1-45900
- Roig, J. see Saurer, J.M. 1-11072
- Roiland, M. see Mouton, H. 1-37767
- Roinel, N., Meny, L., Henoc, J. Accuracy of electron microprobe analysis of biological fluids: choice of standard solutions and range of linearity of the calibration curves 1-4401
- Roinel, V. see Bouffard, V. 1-26078
- Roinishvili, V.N. see Antipov, Yu.M. 1-5663, 1-45376
- Roitberg, M. see Gutmanas, E.Y. 1-21409, 1-35210
- Roitenburg, D.I. see Generalov, N.A. 1-25083
- Roitman, M., Rybin, Yu., Fomichev, Yu. AC voltage calibrators 1-28030
- Roitman, V.I. see Kononov, O.S. 1-36710
- Roitsin, A.B. see Artamonov, L.V. 1-25604
- Roitsin, A.B. see Grekhov, A.M. 1-26051
- Roizen, A.M. see Smirnov, V.S. 1-40268
- Roizman, O.M. see Kovalenko, A.S. 1-39625
- Roje, A. see Choffee, B. 1-35694
- Rojo, O. see Aguilera-Navarro, V.C. 1-50539
- Rokakh, A.G., Novikova, E.A., Zorina, L.D. Detection of weak electron beams with an n^+n junction 1-37075
- Rokakh, A.G., Okeikin, A.S., Zorina, L.D., Davydov, V.I., Zakharchenya, B.P., Chudnoskii, F.A. Infrared visualizer using a CdSe-FTIRs structure 1-347
- Rokhlin, L.L. see Drits, M.E. 1-16818
- Rokhina, E.M. see Furmanova, N.G. 1-25248
- Rokita, E. see Twardowski, A. 1-42730
- Rokityanskii, I.I., Smolnikov, B.M., Shuman, V.N. Geoelectric studies 1-27061
- Rokne, J., Dhaliwal, R.S., Singh, B.M. Thermal stresses in the vicinity of an external crack in an infinite elastic solid bonded to a cylindrical inclusion 1-19645
- Rokne, J.G. see Singh, B.M. 1-6808
- Rokni, M. see Degani, J. 1-37477
- Rokni, M. see Jacob, J.H. 1-10988, 1-37271
- Rokushima, K. see Yamakita, J. 1-6653
- Roland, C.M., Steele, W.A. Intensities in pure rotational CARS of air 1-28980
- Roland, C.M., Steele, W.A. Band shapes in CARS: background effects and overlapping resonances 1-28981
- Roland, G.W. see Gottlieb, M. 1-15237, 1-37565
- Roland, J. On the origin of the intergalactic magnetic field and of the radio halo associated with the Coma cluster of galaxies 1-40569
- Rolandi, L. see Amendola, S. 1-18959, 1-18960, 1-18961
- Rol'bin, Yu.A., Svergun, D.I., Shchedrin, B.M. Smoothing experimental curves of small-angle scattering 1-2283
- Roldugin, V.I. see Bakanov, S.P. 1-2134
- Roleder, K. The complex phase composition of solid $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ solutions for $x > 0.95$ 1-34978
- Roleder, K. see Handerek, J. 1-16536
- Roles, G.W. see Dale Smith, R. 1-50846
- Rolf, D.P. see Pye, J.P. 1-44671
- Rolle, T.J., Rice, S.A. Simulation studies of the scattering of a solitary wave by a mass impurity in a chain of nonlinear oscillators 1-32937
- Rolff, K.P. see Kopplin, H. 1-34151
- Rolff, R. Measuring ductility of electrochemically deposited metal-foils with a hydraulic deepdrawing-test 1-26713
- Rolfs, C. see Gorres, J. 1-23908
- Rolfs, C. see Hulke, G. 1-5818
- Rolfs, C. see Kettner, K.U. 1-18705
- Rolfs, C. see Wiescher, M. 1-18617
- Rolfs, C. see Zyskind, J. 1-49611
- Rolicz, P. Skin effect in two parallel conductors passing identical currents 1-29168
- Rolin, M.N., Soloukhin, R.I., Yurevich, F.B. Influence of the reflection of radiation on radiative-convective heat exchange during hypersonic flow over blunt bodies 1-51776
- Roll, K. The temperature distribution in a thin metal film exposed to an electron beam 1-16271
- Roll, K., Pamler, W. Composition profile across a NiO/Ni interface determined from Auger electron peak shape analysis 1-42641
- Roll, R. see Hausmann, A. 1-25662
- Roll, U. see Gust, W. 1-3741
- Rolland, A. see Barthes, M.-G. 1-42657
- Rolland, M., Bernier, P., Aldissi, M. Electrical conductivity of $\text{Ce}_2\text{SO}_3\text{H}$ doped polyacetylene films 1-25777
- Rolland, M., Bernier, P., Lefrant, S., Aldissi, M. Conductivity measurements during the cis-trans isomerization of (CH), films 1-25815
- Rolland, M. see Lefrant, S. 1-35527
- Rolland, S. see Kulviti, Y. 1-2870
- Rollauer, A.M. see Wuerker, R.F. 1-41626
- Rolle, A. see Folonari, C. 1-21874
- Roller, D.H.D. Greek atomic theory 1-49924
- Rollier, M. Results from Gargamelle neutrino experiment at CERN SPS 1-10193
- Rollier, M. see Enriques, O. 1-23490
- Rollinson, A.M., Drickamer, H.G. High pressure study of luminescence from intramolecular CT compounds 1-33554
- Rollmann, K.W. see Kraus, G. 1-34252
- Rolov, B.N. see Yrkevich, V.P. 1-31099
- Romagnan, J.P. see Lahuerte, J.P. 1-20501
- Romain, J.P., Cottet, F. Laser driven shock waves and twinning in iron 1-38457
- Romain, J.P. see Migault, A. 1-38513
- Romaker, J. see Fiek, H.-J. 1-28680
- Romalis, N.B. Local fracture criterion in the case of nonsymmetric external loads relative to a crack 1-24754
- Roman, I., Ono, K., Tetelman, A.S. The effect of cyclic loading on the apparent cleavage fracture toughness of 1Cr-Mo-V rotor steel 1-48462
- Roman, I. see Harel, H. 1-3824
- Roman, I.Yu. see Stefanovich, V.A. 1-2406
- Roman, O.V., Dubrovskaya, G.N., Korotkina, M.N., Fedorova, I.L. Structural characteristics of tungsten and molybdenum containing refractory oxide inclusions 1-35266
- Roman, W.C., Rodgers, R.J. UF₆ plasma regeneration experiments/diagnostic systems 1-23770
- Romana, A. see Corden, M.J. 1-14429
- Romana, A. see Corden, M.J. 1-14428
- Romana, B. see Corden, M.J. 1-28352
- Romanchuk, A.A. see Krishberg, R.R. 1-299
- Romander, C.M., Cagliostro, D.J. Structural response of 1/20-scale models of the CRBR to a simulated HCDA 1-828
- Romanek, K.M., Gobel, E.O., Conzelmann, H., Nather, H. Optical studies on the exciton electron-hole plasma system in highly excited GaAs 1-52592
- Romanelli, C. see Consolini, A. 1-6466
- Romanelli, F. see Arcocchi, F.T. 1-41654
- Romanelli, F. see Dattoli, G. 1-15136
- Romanenko, F.A. see Buryshkin, M.L. 1-18022
- Romanenko, I.L. see Borsch, A. 1-33640
- Romanenko, S.G. see Karakashev, V.A. 1-40783
- Romanenko, N.I. see Yakov, Yu.L. 1-29756
- Romanescu, D. see Motiu, A. 1-44516
- Romani, G.L. see Barbanera, S. 1-53851
- Romanishin, W. see Wilkerson, M.S. 1-54605
- Romanuk, R.S. On the limits to miniaturization of fibre-optic transducers for precise and undisturbed measurements in electromagnetical and acoustical fields 1-50119
- Romaniv, A.N. Influence of low-cycle loading frequency on the life of steels in a hydrogen atmosphere 1-3927
- Romaniv, O.N., Simin'kovich, V.N., Stepanov, V.G. Effectiveness of using a surface plastic strain to prevent crack development during cyclic loading 1-3785
- Romaniv, O.N., Tkach, A.N., Vol'demarov, A.V. Method of complex improvement of the mechanical properties of low-tempered structural steels 1-31506
- Romaniv, O.N., Tkach, A.N., Zamora, M.F., Kondyr, A.I. The influence of mechanical twinning on the fracture roughness of structural steels 1-35366
- Romanko, G.D. see Kozubovskii, V.R. 1-43843
- Romanko, J., Knauss, W.G. On the time dependence of the Poisson's ratio of a commercial adhesive material 1-12780
- Romankov, P.G. see Mikhailenko, A.V. 1-29693
- Romano, A. see Iannace, D. 1-37806
- Romano, G. see Allasia, D. 1-23495
- Romano, S., Lee, E.W. Magnetic dipole energies in tetragonally-distorted cubic crystals 1-12378
- Romano, S. see Clementi, E. 1-14978
- Romanov, A.B. see Kovalev, V.F. 1-34079
- Romanov, A.E., Vladimirov, V.I. Straight disclinations near a free surface. I. Stress fields 1-52135
- Romanov, A.E. see Vladimirov, V.I. 1-25271
- Romanov, A.M. see Dibai, E.A. 1-13861
- Romanov, A.S., Shakhorin, A.P. Movement of film of molten medium taking into account nonlinear processes of transfer 1-19757
- Romanov, E.P. see Vlasov, K.B. 1-30975
- Romanov, G.V. see Spiridonov, V.P. 1-29116
- Romanov, I.M. see Demchenko, A.I. 1-3223
- Romanov, M.E., Alekseev, A.S. A characteristic method for numerical solution of the Inverse kinematic seismic problems 1-35948

- Romanov, O.V.**, Sultanmagomedov, S.N. Contamination of Si surface through adsorption of metals from aqueous electrolyte 1-2830
- Romanov, P.P.** Effect of elevated temperatures on stability of compressed metal beams 1-31559
- Romanov, S.A.** see Vaisberg, O.L. 1-9340
- Romanov, S.S.** see Aleksin, V.F. 1-51344
- Romanov, V.A.** see Bogomolov, E.A. 1-36151
- Romanov, V.A.** see Grinikovich, Z.S. 1-3371
- Romanov, V.G.** Development of moisture gauges for solid materials and instruments for checking them 1-44907
- Romanov, V.N.**, Fateev, V.A., Shyarts, A.S. Magnetic monopoles in unified theories of the electromagnetic, weak and strong interactions 1-10131
- Romanov, V.N.** see Amatuni, A.N. 1-15377, 1-27917
- Romanov, V.N.** see Pavlova, G.A. 1-30279
- Romanov, V.P.** see Adzhemyan, L.V. 1-52964
- Romanov, Yu.A.** Upwards parametric frequency conversion in superlattices 1-37553
- Romanov, Yu.A.**, Demidov, E.V. Nonlinear conductivity of thin semiconductor films 1-38787
- Romanov, Yu.A.** see Myshlyayev, M.M. 1-48419
- Romanov, Yu.A.** see Orlov, L.K. 1-20787
- Romanov, Yu.I.**, Gnedov, Yu.A. Polarization effects in nondiagonal leptonic processes 1-530
- Romanov, Yu.I.**, Gnedov, Yu.A. On the energy spectra of recoil electrons in elastic $e(\bar{e})e$ scattering 1-535
- Romanova, A.V.** see Bukhalenko, V.V. 1-2312
- Romanova, G.I.**, Tikhonova, N.P., Samoilov, V.M. Doping ruby crystals with titanium 1-7189
- Romanova, N.A.** see Kamenev, V.I. 1-45098
- Romanova, N.I.**, Kreimer, G.S., Tumanov, V.I. Effect of residual porosity on the fatigue life of tungsten carbide-cobalt alloys subjected to cyclic cantilever bending 1-12865
- Romanova, N.N.** Solitary Rossby waves in baroclinic atmosphere 1-13514
- Romanova, N.N.** see Bertaux, J.L. 1-54405
- Romanova, N.N.** see Kurt, V.G. 1-9404
- Romanovskaya, K.M.** see Adamovich, M.I. 1-45317
- Romanovskaya, K.M.** see Fiorino, A. 1-50583
- Romanovskii, E.A.**, Bogdanov, R.I. Investigation of anomalous behavior of proton optical potential in region $100 \leq A \leq 124$ for $E_p = 6 \pm 7.5$ MeV 1-50594
- Romanovskii, S.A.** see Zhuravlenko, V.Ya. 1-1819
- Romanovskii, V.R.** see Makarov, A.M. 1-6747
- Romanovskii, Yu.V.** see Bykovskaya, L.A. 1-35744
- Romanowski, M.** see Zuker, M. 1-50105
- Romanowski, T.A.** see Lockyer, N. 1-18503
- Romanowski, T.A.** see Ushida, N. 1-546
- Romanyuk, A.S.** see Zenkevich, V.B. 1-25833
- Romanyuk, A.S.** see Zenkevich, V.B. 1-47788, 1-47790, 1-52702
- Romanyuk, L.L.**, Savvii'nyi, N.E. Relaxation of an electron beam in conditions of a developed rotational instability of a plasma discharge with electron oscillations 1-38118
- Romanyuk, L.L.**, Savvii'nyi, N.E. Experimental investigation of high-frequency fluctuations and the formation of the electron energy spectrum in a Penning discharge with a thermal cathode 1-52013
- Romanyuk, L.L.**, Savvii'nyi, N.E., Ustakov, V.V. Possibility of increasing the ion emission from a Penning discharge with a thermionic cathode; discharge dynamics 1-25098
- Romanyuk, N.N.**, Andrievskii, B.V. Optical properties of irradiated triglycine sulfate crystals in the 5-22 eV region 1-35070
- Romanyuk, N.A.**, Gaba, V.M., Kostetski, A.M. Nonlinear temperature changes of optical characteristics in ammonium Rochelle salt crystal paraelectric phase 1-52914
- Romanyuk, N.I.**, Shpenik, O.B., Zapesochni, I.P. Cross-sections and peculiarities of electron scattering by Ca, Sr and Ba atoms 1-19185
- Romashchenko, B.S.** see Popov, N.A. 1-2264
- Romashcheva, L.F.** see Kalishevich, G.I. 1-20419
- Romashova, P.I.** see Davydov, A.V. 1-26082
- Romashin, A.G.** see Rusanova, L.N. 1-21400
- Romashkov, A.P.** see Elagin, A.Yu. 1-5274
- Romberg, T.M.**, Rees, N.W. Multivariate hydrodynamic analysis of boiling channel flow stability from inherent noise measurements 1-19782
- Romberger, A.B.** see Emkey, W.L. 1-48163
- Rombough, C.T.** Safety aspects of PWR in-core instrumentation 1-50859
- Rome, J.A.** see Milora, S.L. 1-33346
- Romelt, J.**, Peyerimhoff, S.D., Buenker, R.J. Ab initio MRD-CI study of the Rydberg states of methylene 1-33370
- Romelt, J.** see Ernsting, N.P. 1-10783
- Romelt, J.** see Hauke, G. 1-39603
- Romelt, J.** see Manz, J. 1-31839
- Romenko, V.I.** see Imperovich, N.V. 1-40078
- Romenskii, E.I.** Propagation of small perturbations and the slip line in a plastic medium 1-41954
- Romeo, G.C.** see Basile, M. 1-10188
- Romeo, G.C.** see Cara, G. 1-10188
- Romeo, G.C.** see Cara, G. 1-10188
- Romeo, N.**, Canevari, V., Sberveglieri, G., Tosi, A., Camanzi, A. Quasi-rheotaxy a new technique to grow large grain thin films on low cost amorphous substrates 1-35180
- Romeo, N.**, Canevari, V., Sberveglieri, G., Vigli, O., Zanotti, L. $\text{CuGaIn}_{1-x}\text{Se}_2$ thin films for solar cells prepared by flash-evaporation 1-13132
- Romeo, N.** see Mora, S. 1-34768
- Romer, H.** Gravitational instants, G-index theorem and non-local boundary terms 1-27850
- Romer, O.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Romer, R.**, Siebers, F., Micklitz, H. Metal-non-metal transition in solid argon-lanthanum mixtures 1-38723
- Romero, A.** see Allasia, D. 1-23495
- Romero, A.** see Erriques, O. 1-23490
- Romero, C.N.** see Balliet, B. 1-41852
- Romero, J.L.** see Brady, F.P. 1-28823
- Romero, J.L.** see Subramanian, T.S. 1-983
- Romero, J.L.** see Zanelli, C.I. 1-45506
- Romero, L.A.**, Nilson, R.H. Shock-like structure of phase-change flow in porous media 1-51865
- Romero, L.A.** see Nilson, R.H. 1-19703
- Romesberg, L.E.** see May, R.A. 1-41208
- Romestain, R.**, Weisbuch, C. Optical detection of cyclotron resonance in semiconductors 1-31030
- Romestain, R.** see Edel, P. 1-3468
- Romestain, R.** see Geschwind, S. 1-48083
- Romestain, R.** see Magna, N. 1-12576
- Romestain, J.** see Castagne, M. 1-12122
- Romeu, D.** see Jose Yacamán, M. 1-25279
- Romeu-Nedwed, C.** see Jimenez, J.I. 1-17158
- Romhanyi, K.**, Szasz Csik, Z., Gergely, G., Menyhard, M. Auger spectrometric studies on fracture surfaces of tool steel 1-21580
- Romick, G.J.** see Sandholt, P.-E. 1-4715
- Romick, G.J.** see Wescott, E.M. 1-40251
- Rommelue, M.** see Etcheberry, A. 1-35587
- Rommers, P.J.** see Beenaeker, C.I.M. 1-33060
- Romodanov, V.L.** see Novikov, V.M. 1-10525
- Rompelman, O.** The assessment of fluctuations in heart-rate 1-32273
- Rompelman, O.** see Kinney, R.I. (editor) 1-27686
- Romppanen, M.** see Tormala, P. 1-39260
- Romstedt, P.** see Graf, U. 1-28570
- Ron, A.** see Kuper, C.G. 1-30875
- Ron, M.**, Gruen, D., Mendelsohn, M., Sheft, I. Preparation and properties of porous metal hydride compacts 1-21382
- Ronald, J.**, Zaneveld, V., Spinrad, R.W. An arc tangent model of irradiance in the sea 1-13472
- Ronald, J.**, Zaneveld, V., Spinrad, R.W., Bartz, R. Optical properties of turbidity standards 1-19270
- Ronan, C.A.** see Dall, H.E. 1-22681
- Ronarc'h, D.** Thermally stimulated depolarization of polyethylene between 5 and 190K 1-26113
- Ronat, E.** see Brandelik, R. 1-23510, 1-23527, 1-50411
- Ronat, E.E.** see Eisenberg, Y. 1-10274
- Ronca, G.** Molecular weight dependent transitions in the frequency spectrum of polymer melts 1-38423
- Ronca, G.** see Lampis, M. 1-9940
- Ronca, L.B.** see Basilevsky, A.T. 1-49547
- Roncadelli, M.** see Gelmini, G.B. 1-50363
- Roncato, J.P.** see Deneuve, F. 1-32052
- Ronchi, C.** Extrapolated equation of state for rare gases at high temperatures and densities 1-4219
- Ronchi, C.**, Walker, C.T. Determination of xenon concentrations in nuclear fuels by electron microprobe analysis 1-23755
- Ronchi, L.** see Bertero, M. 1-1485
- Ronchi, L.** see Bertolotti, M. 1-40179
- Ronchi, L.R.**, Maci, R., Nardi, M. Laser refractor as a tool for detecting subtle meridional differences in refraction 1-8942
- Ronchi, L.R.**, Maci, R., Stefanacci, S.R., Bassan, M. Brightness and luminance of light-emitting diodes: influence of size and defocus 1-5378
- Ronchi, L.R.** see Areochi, F.T. 1-4281
- Ronchi, V.**, Mondal, P.K., Prabhakar Rao, K., Subramanyam, S. A unified review of phase contrast, dark-ground and annular imaging techniques 1-18291
- Ronchiato, G.** see Campo, E. 1-16741
- Roncino, J.** see Bonazzola, L. 1-26038
- Roncini, J.** see Michaut, J.P. 1-38984
- Roncini, J.-Y.** see Larzilliere, M. 1-24165
- Rondarev, V.S.** see Prokopenko, V.T. 1-18273
- Rondelez, F.** see Hervet, H. 1-38239
- Rondelez, F.** see Maguire, J.F. 1-21976
- Rondelez, F.** see Vilanova, R. 1-7431
- Ronen, Y.**, Cojocar, M., Radkowsky, A. The void coefficient in a unit cell for U-Pu water breeder reactors 1-18818
- Roney, K.J.**, Shaw, G.L. Analytic study of assemblies of neurons in memory storage 1-26891
- Roney, P.L.**, Findlay, F.D., Blanchard, A., Cann, M.W.P., Nicholls, R.W. Atmospheric transmittance in the region near the 4.3- μm band head of CO_2 1-54240
- Rong-lan Xu** see Xu Rong-lan
- Rong-sheng Wu** see Wu Rong-sheng
- Rong-Ting Zheng** see Zheng Rong-Ting
- Rong-Xian Qin** see Qin Rong-Xian
- Rong-Zhi Miao** see Miao Rong-Zhi
- Ronga, F.** see Esposito, B. 1-36868
- Ronga, F.** see Marini, A. 1-10591
- Rongjin Yu** see Yu Rongjin
- Rongved, L.**, Kurjian, C.R., Geyling, F.T. Mechanical tempering of optical fibers 1-29412
- Rongxiang Pei** see Pei Rongxiang
- Ronis, D.** see Rosenblatt, C. 1-25160
- Ronis, D.** see Sterna, L. 1-31881
- Ronjin, V.** see Barth, M. 1-41018, 1-45377
- Ronkowski, F.G.** see Aminoto, S.T. 1-51470
- Ronn, A.M.** see Langsam, Y. 1-35555
- Ronnang, B.O.** see Baath, L.B. 1-54655
- Ronnback, C.** Effect of different ^{87}Sr doses on the microscopic structure of foetal mouse ovaries 1-49068
- Ronneberger, D.** The dynamics of shearing flow over a cavity—a visual study related to the acoustic impedance of small orifices 1-19667
- Ronnholm, K.**, Baker, M.B., Harrison, H. Radiative transfer through media with uncertain or variable parameters 1-22488
- Ronnblut, T.** see Curelaru, I.M. 1-26322
- Ronningen, R.M.** see de Lima, A.P. 1-41033
- Ronningen, R.M.** see Kuhn, W. 1-23676
- Ronnagel, D.**, Schulz, G., Hattendorf, H., Schwink, Ch. Storage and dissipation of energy during plastic deformation of copper and aluminum single crystals 1-12829
- Ronova, I.A.** see Pavlova, S.-S.A. 1-15050
- Rornbach, F.** see Basile, M. 1-10188
- Ronnevaux, A.**, Decarreau, A. Classification of the degenerate ellipsoidal coordinate systems where the separation of the Helmholtz equation is possible 1-5083
- Roo, M.** De see De Roo, M.
- Rood, H.P.C.** see Klieb, L. 1-28472
- Rood, R.T.** see Martin, H.M. 1-9740
- Rooij, N.F.** De see De Rooij, N.F.
- Rook, J.H.** see Menis, O. (editor) 1-13935
- Rook, J.R.** see Pal, D. 1-5786
- Rooke, J.H.** see Flack, R.D. 1-46690
- Rooker, S.J.** see Le Guen, J.M.M. 1-26867
- Rookmayer, A.E.C.** see van der Mark, Th.W. 1-43953
- Rooney, H.H.**, Wyld, H.W. Finite-lattice Hamiltonian results for the phase structure of the $Z(q)$ models and the q -state Potts models 1-40724
- Rooney, B.**, Tseng, T.J., Whitehead, M.A. Dependence of the one-electron eigenvalues, ϵ_i , and the total energy, E , on the α parameter in the Hartree-Fock-Slater scheme for atoms 1-1091
- Rooney, D.H.** see Simpson, H.C. 1-28557, 1-51850
- Rooney, J.A.** see Carey, R.F. 1-37981
- Roos, C.** see Dolan, L. 1-10083
- Roos, A.** see Krol, D.M. 1-52989
- Roos, A.J.** Quantities in space and time 1-17986
- Roos, B.O.**, Hansson, T.H., Skoldborn, H. Dual photon absorptiometry in lumbar vertebrae. Evaluation of the baseline error 1-49094
- Roos, C.** see Bergier, A. 1-143275
- Roos, C.** see Manz, A. 1-143975
- Roos, J.** see Degrauw, J. 1-31377
- Roos, J.R.** see Wollants, P. 1-25463
- Roos, M.**, Kohler, H. Valley splitting and valley degeneracy factors in N-type silicon (110) and (111) inversion layers 1-52479
- Roos, M.**, Torquist, N. Pseudoscalars and vector mesons in a unitary and self-consistently broken $\text{SU}(6)_v$ scheme 1-5540
- Roos, O.** von see von Roos, O.
- Roos, P.G.** see Carey, T.A. 1-36938
- Roos, P.G.** see Cowley, A.A. 1-23658
- Roos, P.G.** see Nadasen, A. 1-5782
- Roos, P.G.** see Wang, C.W. 1-5759
- Roos, S.-O.** Laser drilling with different pulse shapes 1-8168
- Roos, W.** Formation of chemically coprecipitated barium ferrite 1-39290
- Roosen, G.**, de Saint Louvent, B.F. Suspension of spherical targets using a TEM_{01} mode laser beam 1-1613
- Roosen, R.** see Davidov, V.A. 1-1023
- Rosild, S.** see Taylor, R. 1-5386
- Rosiz, A.**, Gacsi, Z., Baan, M.K. A simple method for determining the true interlamellar spacing 1-35472
- Root, R.G.** Laser interaction: thermal and mechanical coupling to targets 1-39188
- Root, R.G.** see Wu, P.K. 1-15923
- Roots, J.**, Nyström, B. Thermodynamic and transport properties of concentrated aqueous solutions of poly(oxyethylene) 1-38225
- Roots, R.**, Yang, T.C., Craise, L., Blakely, E.A., Tobias, C.A. Rejoining capacity of DNA breaks induced by accelerated carbon and neon ions in the spread Bragg peak 1-8919
- Roots, R.** see Baker, D.J., Jr. 1-13562
- Roovers, J.**, Toporowski, P.M. Hydrodynamic studies on model branched polystyrenes 1-38573
- Rooy, A.** de see de Rooy, A.
- Rooy, T.I.** Van see Van Rooy, T.I.
- Ropars, F.**, Delaunay, G., Petit, C., Despujols, J. Behaviour of $\text{Al-SiO}_2/\text{B}_2\text{O}_3$ -Au thin film structures under alternating current 1-52662

- Ropars, F. *see* Delunay, G. 1-48169
- Rope, E.L. *see* Tricoles, G. 1-1439, 1-41629, 1-51414
- Ropelewski, C.F. *see* Wylie, D.P. 1-44313
- Roper, C.F.E. *see* Young, R.E. 1-49177
- Roper, G.W., Whittle, D.P. Theoretical diffusion profiles in single-phase ternary systems 1-16107
- Roper, P.J. Post-Jurassic tectonism in eastern North America 1-4484
- Ropke, G. *see* Fraunheim, T. 1-47881
- Ropke, H. *see* Bitterwolf, E. 1-28375
- Ropp, R.C., Carroll, B. Solid-state kinetics of LaAlO_3 1-3677
- Roppo, M.N. *see* Ganic, E.N. 1-25536
- Roppin, D., Cailler, M. The effect of plastic deformation on surface composition of austenitic stainless steel 1-16159
- Roppin, D. *see* Hantzpergue, J.J. 1-34818
- Roquefort, T. Alziary de Saizy de Roquefort, T.
- Roques, B. *see* Malaman, B. 1-30137
- Roques, C. *see* Ly, D.P. 1-53798
- Roques-Carmes, C., Pivin, J.C., Slodzian, G. Influence of atomic concentrations on ion emission yields of alloys flooded with oxygen 1-31292
- Roques-Carmes, C. *see* Ducrocq, C. 1-21635
- Roques-Carmes, C. *see* Larere, A. 1-3747
- Roques-Carmes, C. *see* Pivin, J.C. 1-3551, 1-31768, 1-48552
- Ros, J. *see* Guardiola, R. 1-36912
- Ros, P. *see* Heijser, W. 1-41306
- Ros, P. *see* Mrozek, J. 1-19029
- Rosa, A. *see* de Rosa, A.
- Rosa, A.V. *see* Da Rosa, A.V.
- Rosa, C.J., Sommer, F., Rupp-Boiz, N., Predel, B. Association and its energetic effect in liquid indium-antimony-zinc alloys 1-39316
- Rosa, C.J. *see* Chen, G.C. 1-31732, 1-39521
- Rosa, C.J. *see* Clenny, J.T. 1-8475, 1-12930
- Rosa, C.J. *see* Rawe, R.L. 1-54334
- Rosa, C.J. *see* Sikka, V.K. 1-53333, 1-53334
- Rosa, E. *see* Antolovich, S.D. 1-53265
- Rosa, R. *see* Armigliato, A. 1-17211
- Rosa, R. *see* Biga, A.J. 1-8682
- Rosa, R. *see* Merli, P.G. 1-52191
- Rosa, S.G., Jr. *see* Aragao de Carvalho, C. 1-161
- Rosa, S. *see* Goulart, Jr. *see* Goulart Rosa, S., Jr.
- Rosa-Clot, M. *see* Christillin, P. 1-10380, 1-10381
- Rosado, M. *see* Asseo, E. 1-9545
- Rosakis, A.J. Analysis of the optical method of caustics for dynamic crack propagation 1-2561
- Rosakis, A.J. On the uniqueness of representation of the stress field of plane polygonal dislocation loops 1-25270
- Rosan, A.M. *see* Nathanson, G. 1-43683
- Rosan, A.M. *see* Yardley, J.T. 1-39661
- Rosander, S. The development of the microtron 1-23896
- Rosanov, A. *see* Diddens, A.N. 1-14747, 1-23998
- Rosanov, A. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Rosant, J.M. *see* Fitremann, J.P. 1-46802
- Rosar, M.E. *see* Dougherty, J.P. 1-39307
- Rosati, G. *see* Aiello, I. 1-53774
- Rosati, S., Fantoni, S. Surface and polarization effects in large Fermi systems 1-9924
- Rosato, E. *see* Cuzzocrea, P. 1-18624
- Rosca, R. *see* Buchner, K. 1-141
- Roschangar, M. *see* Gruppen, C. 1-1003
- Roschenbleck, B. *see* Lange, H. 1-8486
- Rosenthaler, D. *see* Tsou, S.C. 1-2475
- Roscher, H.H. *see* Dellafera, P. 1-43275
- Roschger, P. *see* Hori, E.M. 1-22060
- Roschke, G. The origin of earth pillars 1-27158
- Roschupkin, V.V. *see* Novikov, I.I. 1-2620
- Rosdahl, A.R. *see* Zbasnik, J.P. 1-51993
- Rose, A. Spontaneous emission revisited 1-7275
- Rose, A. *see* Ghosh, A.K. 1-12126
- Rose, A. *see* Lopez-Cruz, E. 1-12145
- Rose, A. *see* Tiedje, T. 1-42787
- Rose, C. *see* Schafer-Nielsen, C. 1-13363
- Rose, C.J., Hawksworth, D.L. Lichen recolonization in London's cleaner air 1-39854
- Rose, C.M. *see* Dufresne, E.N. 1-4361
- Rose, D. *see* Dickerman, C.E. 1-14655
- Rose, D. *see* Mueller, C. 1-10478
- Rose, D.E. *see* Grabow, J.D. 1-4292, 1-4293
- Rose, H., Spehr, R. On the theory of the Boersch effect 1-19255
- Rose, H. *see* Kohl, H. 1-18335
- Rose, J.H. Metal-insulator transition in dilute alkali-metal systems 1-38722
- Rose, J.H., Dobson, J.F. Face dependent surface energies of simple metals 1-47361
- Rose, J.H. *see* Chakravarty, S. 1-38497
- Rose, J.L., Singh, G.P. An analysis of the dual-element angle beam transducer 1-6744
- Rose, J.L. *see* Rogovsky, A.J. 1-48621
- Rose, J.L. *see* Thomas, G.H. 1-12946
- Rose, J.W. Dropwise condensation theory 1-37778
- Rose, J.W. *see* Stylianou, S.A. 1-37783
- Rose, L.R.F. The stress-wave radiation from growing cracks 1-46710
- Rose, M.E. An artificial energy method for calculating flows with shocks 1-6873
- Rose, P. *see* Schmidt, E. 1-45586
- Rose, R. *see* Reinhardt, R. 1-13195
- Rose, R.M. *see* Cogan, S.F. 1-8368
- Rose, R.M. *see* Klein, J.D. 1-47834, 1-47835
- Rose, R.M. *see* Radin, E.L. 1-17446
- Rose, S.D., Dearing, J.F., Clapp, N.E., Fontana, M.H., Gnadt, P.A., Montgomery, B.H., Morris, R.H., Wantland, J.L. Experimental and numerical thermal-hydraulic results from a 61-pin simulated LMFB reactor subassembly 1-28540
- Rose, S.J. *see* Roberts, P.D. 1-10523
- Rose, W.H. *see* Goss, E.E. 1-53899
- Rose, W.I., Jr., Chuan, R.L., Cadle, R.D., Woods, D.C. Small particles in volcanic eruption clouds 1-32417
- Rose, W.I., Jr. *see* Drexler, J.W. 1-17584
- Rose, W.I., Jr. *see* Murrow, P.J. 1-36030
- Rose-Innes, A.C. *see* Lowell, J. 1-20853
- Rosehart, R.G., Doran, T.C., Randall, G. CANDU operational experiences related to reactor safety analysis 1-41210
- Rosei, R., Lasser, R., Smith, N.V., Benbow, R.L. Absolute determination of energy band dispersion in gold using photoemission from Fermi surface optical transitions 1-12635
- Rosei, R. *see* Campagna, M. 1-48232
- Rosel, F. *see* Baur, G. 1-50652
- Rosel, F. *see* Guntherodt, H.J. 1-25619
- Rosel, F. *see* Shyam, R. 1-5787
- Roseler, J. *see* May, V. 1-30644
- Roselli, R.J. Effects of red cell permeability on transcapillary tracer transport: the case of negligible back diffusion 1-32156
- Rosemeier, R.G. *see* Johnson, S.M. 1-43779
- Rosen, A., Arieli, A., Mukherjee, A.K. The effect of thermal and mechanical history on superplasticity 1-52221
- Rosen, A. *see* Euler, R. 1-6186
- Rosen, A. *see* Hall, I.W. 1-16861
- Rosen, A. *see* Markfeld, A. 1-26558
- Rosen, A.S. *see* Brown, S.N. 1-42080
- Rosen, C.Z. *see* Spencer, C.R. 1-48295
- Rosen, D.L., Reckie, S., Mirisola, R.C., Ho, P.P., Doukas, A.G., Alfano, R.R. Factors contributing to the deterioration of DODCI 1-15232
- Rosen, G. Six flavors of quarks but only three flavors of leptons 1-466
- Rosen, G. Semi-classical Reissner-Nordstrom model for the structure of charged leptons 1-474
- Rosen, G. Correspondence-principle condition on the Reissner-Nordstrom solution for charged leptons 1-10118
- Rosen, G. Broadness, decay, and correlation functions of isotropic homogeneous turbulence 1-15473
- Rosen, I.I. *see* Hogstrom, K.R. 1-9000, 1-27005
- Rosen, J. Redundancy and superfluidity for electromagnetic fields and potentials 1-27707
- Rosen, J. Extended Mach principle 1-49900
- Rosen, J.M., Hofman, D.J. A stratospheric aerosol increase 1-17647
- Rosen, J.M. *see* Hofmann, D.J. 1-8780
- Rosen, M. Electrochemical corrosion of iron-chromium alloys under ultra-high-purity conditions 1-39541
- Rosen, M., Nassif, E., Kurlat, D.H. Self-diffusion in liquid tin-telluride 1-25497
- Rosen, M. *see* Baram, J. 1-21518, 1-53177
- Rosen, M. *see* Kimmel, G. 1-11722
- Rosen, M.D. *see* Estabrook, K. 1-51926
- Rosen, M.R., Goddard, E.D. FDT: a technique for direct study of water attack at the silane-filler interface 1-47333
- Rosen, N. The collapsed state of a star 1-9538
- Rosen, N. Bimetric general relativity and cosmology 1-9882
- Rosen, N. General relativity with a background metric 1-18082
- Rosen, N. *see* Falik, D. 1-5168
- Rosen, S.P., Kayser, B. Neutrino oscillations and the modulation of neutrino-electron scattering 1-45262
- Rosenau, P., Degani, D. Thermal and radiation losses in a linear device 1-19867
- Rosenbauer, H. *see* Schmidt, W.K.H. 1-17749
- Rosenbaum, H.S. *see* Davies, J.H. 1-45609
- Rosenbaum, M., Luehr, C.P. Poincaré group theory of gravitation in the fiber-bundle picture 1-44827
- Rosenbaum, M. *see* Breuer, R.A. 1-44815
- Rosenbaum, S.H. *see* Mukherjee, A. 1-17451
- Rosenbaum, T.F., Andres, K., Thomas, G.A. Non-ohmic conductivity of barely localized electrons in three dimensions 1-2975
- Rosenbaum, T.F., Andres, K., Thomas, G.A., Bhatt, R.N. Sharp metal-insulator transition in a random solid 1-30793
- Rosenbaum, T.F., Andres, K., Thomas, G.A., Lee, P.A. Conductivity cusp in a disordered metal 1-42832
- Rosenbaum, T.F., Stein, D.L. Topological physics illustrated in the laboratory 1-40619
- Rosenberg, A., Felsteiner, J., Ben-Aryeh, Y., Politch, J. Amplification of millimeter-wave radiation by stimulated emission of bremsstrahlung 1-24381
- Rosenberg, A., Politch, J. Investigation of a vibrating piezoelectric ceramic disk by synthesis of optical coherent methods 1-1512
- Rosenberg, A. *see* Boulet, C. 1-51246
- Rosenberg, A.E. *see* Myers, C. 1-29472
- Rosenberg, A.S. *see* Woodruff, H.B. 1-53505
- Rosenberg, C.B. *see* Afzar, M.N. 1-36679
- Rosenberg, G. *see* Landis, D.L. 1-35916
- Rosenberg, H.S. *see* Bloom, S.G. 1-4603
- Rosenberg, I., Awaschalom, M. Characterization of a $p(66)\text{Be}(49)$ neutron therapy beam. I. Central axis depth dose and off-axis ratios 1-40007
- Rosenberg, I. *see* Awaschalom, M. 1-8987, 1-8988, 1-44011
- Rosenberg, I.J. *see* Jona, F. 1-42269
- Rosenberg, L. Almost degenerate perturbation theory for scattering in a laser field 1-19184
- Rosenberg, L. *see* Nowak, E.J. 1-1370
- Rosenberg, M., Dominguez, R.R., Pfeiffer, W., Waltz, R.E. Linear kinetic theory of high-m tearing modes 1-11552
- Rosenberg, M., Franke, H. Mossbauer spectroscopy of magnetite and related compounds 1-12438
- Rosenberg, M. *see* Bohnke, G. 1-30699
- Rosenberg, M. *see* Dey, S. 1-25986
- Rosenberg, M. *see* Haberey, F. 1-7912, 1-30995
- Rosenberg, N. *see* Guillaud, G. 1-18252
- Rosenberg, N.J. *see* Redford, T.G., Jr. 1-44328
- Rosenberg, R.B. *see* Lawwill, T. 1-35819
- Rosenberg, R.L. Wave-scattering properties of interdigital SAW transducers 1-51679
- Rosenberg, R.O., Berne, B.J., Chandler, D. Isomerization dynamics in liquids by molecular dynamics 1-8541
- Rosenberg, T.J. *see* Lashinsky, H. 1-17737
- Rosenberg, T.J. *see* Siren, J.C. 1-40256
- Rosenberg, T.V. *see* Mirovitskiy, V.S. 1-47294
- Rosenberg, Z., Meybar, Y., Yaziv, D. Measurement of the Hugoniot curve of Ti-6Al-4V with commercial manganin gauges 1-42506
- Rosenberg, Z., Yaziv, D., Partom, Y. Direct measurement of strain in plane impact experiments by a longitudinal resistance gauge 1-5302
- Rosenberg, Z. *see* Yaziv, D. 1-25369, 1-40776
- Rosenberger, F. *see* Greenwell, D.W. 1-53064
- Rosenberger, F. *see* Markham, B.L. 1-53065
- Rosenberger, F. *see* Westphal, G.H. 1-24136
- Rosenberger, H. *see* Sternberg, U. 1-51224
- Rosenberry, T.L., Chen, J.F., Lee, M.M.L., Moulton, T.A., Onigman, P. Large scale isolation of human erythrocyte membranes by high volume molecular filtration 1-53944
- Rosenblatt, C. Magnetically induced nematic-smectic A tricritical point 1-30368
- Rosenblatt, C., Ronis, D. Unified model of the smectic-A, nematic, and isotropic phases for bulk, interfaces, and thin films. II. Interfaces and thin films 1-25160
- Rosenblatt, D.H. *see* Davis, R.F. 1-21324
- Rosenblatt, D.H. *see* Kevan, S.D. 1-42636
- Rosenblatt, G.M. *see* Draper, C.W. 1-8617, 1-51686
- Rosenblatt, J. *see* Raboutou, A. 1-3099
- Rosenbluth, M., Han Le, Lax, B., Panock, R., Miller, T.A. Far-infrared-laser magnetic-resonance spectroscopy of ^4He S and P states 1-41335
- Rosenbluth, M. *see* Panock, R. 1-1180, 1-1181
- Rosenbluth, A. Gravitational radiation energy loss in scattering problems and the Einstein quadrupole formula 1-23076
- Rosenbluth, B. *see* Shaw, R.S. 1-26152
- Rosenbluth, M., Kelson, I. The slowing-down of charged particles in non-Maxwellian laser-produced plasmas 1-29847
- Rosenbluth, M.E. *see* Eylon, D. 1-8427
- Rosenbluth, M.P. *see* Dublin, G. 1-12361
- Rosenbluth, M.P. *see* Nemanich, R.J. 1-52070
- Rosenbluth, M.N. *see* Aamodt, R.E. 1-38092
- Rosenbluth, M.N. *see* Catto, P.J. 1-51908
- Rosenbluth, M.N. *see* Kroll, N.M. 1-10958, 1-10959, 1-10960
- Rosenbruch, K.-J. *see* Weingartner, I. 1-1517, 1-10940
- Rosenzweig, A., Bacigalupi, L.S., Willis, J.B. Real-time damage monitoring with photoacoustics 1-33729
- Rosenzweig, A., Hindley, T.W. Photoacoustic measurement of low-level absorptions in solids 1-48177
- Rosenzweig, A., Willis, J.B. Photoacoustic absorption measurements of optical materials and thin films 1-5405
- Rosendahl, J.D. Space astronomy to the year 2000: a preview of the possibilities 1-49475
- Rosendorff, S. Unitary eikonal approximation including second-order phase function for particle-atom collisions 1-46075
- Rosenfeld, A. *see* Morry, S. 1-51504
- Rosenfeld, C. *see* Bebek, C. 1-33191
- Rosenfeld, C. *see* Chadwick, K. 1-33192
- Rosenfeld, I.L. *see* Marichev, V.A. 1-16958
- Rosenfeld, Y. On the compressibility of a classical one-component plasma 1-19866
- Rosenfeld, Y. On equation of state calculations from experimental zero-temperature isotherms 1-34454

- Rosenfeld, Y. Equations of state for liquids from the zero-temperature isotherm: Quantum corrections for hydrogen 1-34457
- Rosenfeld, Y. see Baram, A. 1-11650
- Rosenfelder, R. Quasielastic electron scattering from nuclei 1-697
- Rosenfield, A.R. A fracture mechanics approach to wear 1-11809
- Rosenfield, A.R. see Duckworth, W.H. 1-16893
- Rosengart, E.-H. see von der Linde, D. 1-45036
- Rosengren, A., Johansson, B. Calculated transition-metal surface core-level binding-energy shifts 1-20113
- Rosenhouse, G. Narrow band analysis of frequency and temperature sensitive elastic mountings 1-33936
- Rosenkilde, S. see Bak, B. 1-51184
- Rosenkrantz, M.E. see Basch, H. 1-37264
- Rosenman, I., Bataillon, F., Simon, C., Fuzellier, H. Fermi surface and band structure of graphite intercalation compounds 1-47437
- Rosenman, I. see Bataillon, F. 1-42678
- Rosenow, U. see Toepfer, K.-D. 1-53904
- Rosenon, A.E. see Paniutin, V.L. 1-12028
- Rosensteel, G. see Rowe, D.J. 1-18074
- Rosenstock, H.B., Marquardt, C.L. Cluster formation in two-dimensional random walks: application to photolysis of silver halides 1-33559
- Rosenstock, H.M., Stockbauer, R., Parr, A.C. Photoelectron-photoion coincidence study of benzonitrile 1-24191
- Rosenstock, W. see Von Witsch, W. 1-10328
- Rosenthal, J. see Perone, S.P. 1-35662
- Rosenthal, Yu.D. see Ilyashenko, E.I. 1-21020
- Rosenwald, R. see Logan, J.D. 1-27478
- Rosenwald, R.D., Hill, H.A. Sensitivity to the applied boundary conditions of the solar eigenfrequency spectrum with periods near five minutes 1-27477
- Rosenwald, R.D. see Hill, H.A. 1-27479
- Rosenzweig, C. see Monsay, E. 1-50396
- Rosenzweig, D. see Saad, D. 1-39668
- Rosenzweig, M. see Broser, I. 1-8092, 1-39118, 1-47504
- Roser, U. see Deiters, K. 1-51044
- Roser, W.R. see Gray, R.W. 1-53718
- Rosette, A.W. see Haus, A.G. 1-43988
- Rosetz, G.-P. see Harff, J. 1-40218
- Rosey, R. see Feduska, W. 1-53588
- Roshan, N.R. see Polyakova, V.P. 1-48368
- Roshchupkin, A.M. see Pal'Val', L.N. 1-30271
- Roshchupkin, S.N., Inopin, E.V. Relativistic corrections to the multipole sum rules and f-sum rule 1-646
- Roshchupkin, V.V. see Goncharov, V.G. 1-47255
- Roshen, W.A., Saam, W.F. Effect of Kondo impurities on the Korringa relaxation time 1-26068
- Roshko, R.M., Williams, G. The influence of the atomic order-disorder transformation on the transport properties of PtCr 1-34680
- Rosholt, J.N. Uranium and thorium disequilibrium in zeolitically altered rock 1-28634
- Rosi, M. see Sheridan, M.F. 1-40106
- Rosicky, E. see Davies, J.H. 1-45609
- Rosicky, F. see Mark, F. 1-6121
- Rosien, A. CRT instantly! 1-33072
- Rosiewicz, A., Gannon, J.R. Effects of γ -irradiation on mid-IR transmitting glass 1-46471
- Rosiewicz, A., Gray, M.H., Irvén, J., Titchmarsh, J.G., Black, P.W. Effects of radiation on doped silica core optical fibres 1-19439
- Rosin, R. see Bostanjoglo, O. 1-30994
- Rosina, M. see Cvetic-Krivic, M. 1-50427
- Rosinberg, M.L. see Amokrane, S. 1-30526
- Rosinger, H.E. Effect of fast neutron irradiation on the properties of Zr_3Al -based alloys 1-20271
- Rosino, L. see Panagia, N. 1-13790
- Rosino, L. see Vetolani, G. 1-49699
- Rosino, L. see Wenzel, W. 1-36300
- Rosinski, J. Heterogeneous nucleation of ice on surfaces of liquids 1-11846
- Rosinski, J., Morgan, G., Nagamoto, C.T., Lancer, G., Yamate, G., Parungo, F. Size distribution of inorganic and organic ice-forming nuclei present in downdrafts of convective storms 1-49359
- Rosinskii, S.E. see Al'terker, B.A. 1-25004
- Roskies, R., Schaposnik, F. Comment on Fuji-kawa's analysis applied to the Schwinger model 1-45144
- Roskies, R. see Bender, C.M. 1-45150
- Roskova, G.P. see Aver'yanov, V.I. 1-39327
- Roskovec, V. see Krupicka, S. 1-47878
- Rosler, M. see Muller, G.O. 1-52591
- Roslyakov, G.S. see Nikulin, G.Z. 1-51842
- Roslyakov, G.V. see Berезovskii, E.L. 1-38052
- Roslyakova, N.G. see Molchanova, G.I. 1-35515
- Rosmalen, G.M. van see van Rosmalen, G.M.
- Rosman, K.J.R. see De Laeter, J.R. 1-13424
- Rosman, K.J.R. see Fletcher, I.R. 1-17124
- Rosman, K.J.R. see Mermelengas, N. 1-32667
- Rosmus, P., Reinsch, E.-A. Calculation of molecular constants for the $X^2\Sigma^+$ ground states of the NeH^+ and KrH^+ ions 1-6338
- Rosmus, P. see Muller, W. 1-1273
- Rosmus, P. see Werner, H.-J. 1-1300, 1-51098
- Rosner, B. see Maor, D. 1-46069
- Rosner, B. see Nir, D. 1-6369
- Rosner, J.L. Decays of $L=1$ mesons to $\gamma\pi$, $\gamma\rho$ and $\gamma\gamma$ 1-50439
- Rosner, J.L. see Kwong, W. 1-22967
- Rosner, J.L. see Schonfeld, J.F. 1-490
- Rosner, J.S. see Golovchenko, J.A. 1-38418
- Rosner, R. see Galeev, A.A. 1-49586
- Rosner, R. see Golub, L. 1-49587
- Rosner, R. see Haisch, B.M. 1-49651
- Rosner, R. see Serio, S. 1-49585
- Rosner, S.D. see Holt, R.A. 1-6211
- Rosner, S.D. see Jones, P.L. 1-24195
- Rosny, G. de see de Rosny, G.
- Rosny, G. de see De Rosny, G.
- Rosolia, I.I. see Khimets, V.V. 1-34239
- Rosolen, C. see Boischot, A. 1-44434
- Rosoux-Clarisse, F. see Peeters, D. 1-19228
- Rosquist, K. Global rotation 1-13888
- Ross, A.J., Beagley, H.A., Sayers, B.M. Signal statistics in objective auditory evoked potential (AEP) detection by the phase spectral method 1-32269
- Ross, D. see McLeish, W. 1-13601
- Ross, D.A. see Aurenche, P. 1-28274
- Ross, D.A. see Ellis, R.K. 1-486, 1-50445
- Ross, D.F. A finite element analysis of parallel-coupled acoustic systems using subsystems 1-1796
- Ross, G., Fiddy, M.A., Manolitsakis, I., Nieto-Vesperinas, M. The nature of the analyticity of scattered fields in the Fresnel and Fraunhofer region 1-1460
- Ross, G., Fiddy, M.A., Moezzi, H. The solution to the inverse scattering problem based on fast zero location from two measurements 1-10913
- Ross, G., Fiddy, M.A., Nieto-Vesperinas, M. The inverse scattering problem 1-41569
- Ross, G., Fiddy, M.A., Nieto-Vesperinas, M. The inverse scattering problem in structural determinations 1-51376
- Ross, G., Nieto-Vesperinas, M. Theory of light scattering by amorphous absorbing media 1-15078
- Ross, G., Nieto-Vesperinas, M. The propagation equations for the coherence tensors of light scattered by random media 1-41585
- Ross, G. see Burge, R.E. 1-41777
- Ross, G. see Fiddy, M.A. 1-1461, 1-41603
- Ross, G. see Nieto-Vesperinas, M. 1-1490, 1-41570
- Ross, G.G. see Llewellyn Smith, C.H. 1-28256
- Ross, G.G. see Pendleton, B. 1-28262
- Ross, G.G. see Pennington, M.R. 1-45208
- Ross, H.G. see Kennedy, P.R. 1-9061
- Ross, J. see Holt, J.J. 1-13245
- Ross, J. see Penner, S.S. 1-13071
- Ross, J.E. see Allen, L.H. 1-44638
- Ross, J.R. see Rairden, J.R. 1-21643
- Ross, J.V., Ave Lallemand, H.G., Carter, N.L. Stress dependence of recrystallized-grain and subgrain size in olivine 1-35981
- Ross, J.V., Mercier, J.-C.C., Ave Lallemand, H.G., Carter, N.L., Zimmerman, J. The Vourinos Ophiolite Complex, Greece: the tectonite suite 1-35961
- Ross, J.V. see Ave Lallemand, H.G. 1-35969
- Ross, K.J. see Rassi, D. 1-24261
- Ross, L.E., Preto, S.K., Otto, N.C., Sy, C.C., Roche, M.F. Calcium/iron disulfide secondary cells 1-35585
- Ross, L.M. see Sears, D.W. 1-9440
- Ross, M. The repulsive forces in dense argon 1-25139
- Ross, M., Ree, F.H. Repulsive forces of simple molecules and mixtures at high density and temperature 1-30021
- Ross, M. see Evans, J.F. 1-31957
- Ross, M. see Nellis, W.J. 1-38426
- Ross, M. see Ree, F.H. 1-38425
- Ross, M.A., Klein, D.E. Synthetic fuel production utilizing Texas lignite and a VHTR for process heat 1-53528
- Ross, O. von see von Ross, O.
- Ross, P.N. see Winnick, J. 1-48738
- Ross, P.N., Jr. Hydrogen chemisorption on Pt single crystal surfaces in acidic solutions 1-39685
- Ross, R.G., Sandberg, O. Thermal properties and phase transitions in ammonium chloride 1-30386
- Ross, R.G. see Collins, E.D. 1-18856
- Ross, R.R., Fabian, A.C. The effect of photoelectric absorption on the Comptonized X-ray spectrum of an accreting white dwarf 1-4914
- Ross, R.R. see Green, M.A. 1-45793
- Ross, R.T., Collins, J.M. Efficiency of quantum-utilizing solar energy converters in the presence of recombination losses 1-4178
- Ross, R.T. see Barth, M. 1-41018, 1-45377
- Ross, R.T. see Berge, J.P. 1-540
- Ross, R.T. see Efremenko, V.I. 1-33173
- Ross, R.T. see Gottgens, R. 1-50472
- Ross, S. see Nieto-Vesperinas, M. 1-46215
- Ross, W.J. see Nisbet, J.S. 1-54321
- Ross, W.R. Basis states for equivalent electrons. I. States for the Lie group $U(2l+1) \times SU(2)$ 1-33127
- Ross, W.R. Basis states for equivalent electrons. II. States for the Lie group $Sp(4l+2)$ 1-33128
- Ross, W.R. Basis states for equivalent electrons. III. States for the Lie group $SO(2l+1) \times SU(2)$ using $Sp(4l+2)$ states 1-50342
- Rossa, E. see Atherton, H.W. 1-14529
- Rossano, G.S. On the accuracy and precision of extinctions derived from general star counts 1-19620
- Rossard, C. Deformation and recrystallisation under hot rolling conditions 1-48356
- Rossat-Mignod, J., Burlet, P., Bartholin, H., Tchaptout, R., Vogt, O., Vetter, C., Lagnier, R. A neutron, magnetization and specific heat study of the unusual magnetic properties of UAs 1-47854
- Rossat-Mignod, J., Burlet, P., Bartholin, H., Vogt, O., Lagnier, R. Specific heat analysis of the magnetic phase diagram of CeSb 1-25936
- Rossat-Mignod, J., Burlet, P., Quezel, S., Vogt, O. Magnetic ordering in cerium and uranium mononitrides 1-47876
- Rossat-Mignod, J., Fruchart, D., Moran, M.J., Milliken, J.W., Fischer, J.E. Neutron scattering study of lithium-graphite intercalation compounds 1-34330
- Rossat-Mignod, J. see Boucherle, J.X. 1-47859
- Rossat-Mignod, J. see Burlet, P. 1-47886, 1-47915
- Rossat-Mignod, J. see Ravot, D. 1-12285
- Rossat-Mignod, J. see Villain, J. 1-47885
- Rosbach, J. see Wehrter, E. 1-31072
- Rosbach, W. see Heusener, G. 1-23781
- Rosbader, W.R. see Schreier, W. 1-28728
- Rosby, H.T. see Lee, C.T. 1-27209
- Rosset, L. see Botner, U. 1-37065
- Rosset, L. see Cockerill, D. 1-14742
- Rossett, H.J. see Gatehouse, B.M. 1-42342
- Rossen, P. von see von Rossen, P.
- Rosset, R. see Achy, A.S. 1-44272
- Rossi, A.M. see Barlaoutaud, R. 1-36885
- Rossi, D. see Marazza, R. 1-30138
- Rossi, D. de see de Rossi, D.
- Rossi, E. see Iori, G. 1-35826
- Rossi, E. see Lazzaretti, P. 1-6123
- Rossi, F. see Bazzocchi, R. 1-8904
- Rossi, G. see Abbati, I. 1-16177
- Rossi, G.C., Testa, M. The structure of Yang-Mills theories in the temporal gauge. II. Perturbation theory 1-36799
- Rossi, H.H. see Kellerer, A.M. 1-26951
- Rossi, H.H. see Zaidier, M. 1-26965
- Rossi, I. see Brodbeck, C. 1-28966
- Rossi, J.A. see Kricheldorf, S.W. 1-46368
- Rossi, L. see Altamare, A. 1-9487
- Rossi, L. see Moretti, M. 1-36279
- Rossi, M. see Gran, R. 1-910, 1-916
- Rossi, P. $N=4$ supersymmetric monopoles and the vanishing of the β function 1-45130
- Rossi, P. see Rebbi, C. 1-14251
- Rossi, P. see Schiraldi, A. 1-20749, 1-21435
- Rossi, P.L., Bocchi, G., Lucchini, F. A manganese deposit from the South Tyrrhenian region 1-35971
- Rossi, R.P. see Hendee, W.R. 1-43990
- Rossi, R.P. see Mulvaney, J.A. 1-43981
- Rossi, R.P. see Niemkiewicz, J.M. 1-43975
- Rossi, U. see Di Vita, P. 1-1706, 1-19436, 1-19437, 1-29398
- Rossi, V. see Basile, M. 1-10188
- Rossini, M.F. see Barbara, B. 1-25673
- Rossinelli, M., Bosch, M. Exciton spectra of KCN and $K(CN)_2$ crystals. Exciton-vibron coupling in ordered and disordered systems 1-34633
- Rossing, T.D. Physics and psychophysics of high-fidelity sound. III. The components of a sound-reproducing system: amplifiers and loudspeakers 1-15352
- Rossing, T.D., Sathoff, H.J. Modes of vibration and sound radiation from tuned handbells 1-29484
- Rossiter, P.L. A comment on the electrical resistivity during phase separation in alloys 1-20702
- Rossiter, P.L. Order-disorder and the electrical resistivity of FeO 1-47606
- Rosky, P.J., Dale, W.C.D. Generalized recursive solutions to Ornstein-Zernike integral equations 1-185
- Rosky, P.J., Dudowicz, J.B., Tembe, B.L., Friedman, H.L. Ionic association in model 2-2 electrolyte solutions 1-8574
- Rosky, P.J., Karplus, M. Spin dependent properties of perturbed wave functions: an analytic comparison of the exact, UHF, and spin-projected UHF states 1-28861
- Rossle, E. see Kleinschmidt, M. 1-28337
- Rossler, J., Moraga, L.A. Phase transitions in the generalised Falicov-Ramirez-Kimball model in the Caron-Pratt approximation 1-12031
- Rossler, M. see Berger, C. 1-5636, 1-10209
- Rossler, M. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Rossler, U., Trebin, H.-R. Exchange and polaron corrections for excitons in the degenerate-band case 1-47498
- Rossler, U. see Honerlage, B. 1-2880
- Rossler, U. see Kurtze, G. 1-52938

- Rossler, U. *see* Olego, D. 1-3407
 Rossler, U. *see* Pertsch, B. 1-2893
 Rossnagel, S.M. *see* Staib, P. 1-25030, 1-26769
 Rossnagel, S.M. *see* Wampler, W.R. 1-25029
 Rossner, H.H. *see* Jahnke, U. 1-50701
 Rosso, D.M. *see* Isett, L.C. 1-25719
 Rosso, E. *see* Cockerill, D. 1-14742
 Rossotti, F.J.C. *see* Dillon, K.B. 1-14932
 Rossotti, M.Lia *see* Lia Rossotti, M.
 Rossum, M.Van *see* Van Rossum, M.
 Rost, E. *see* Barnett, B.M. 1-23557
 Rost, E. *see* Weiss, R.C. 1-50482
 Rost, H. *see* Arends, J. 1-23642, 1-41097
 Rost, H. *see* McKewon, R.D. 1-28499
 Rost, M. *see* Berger, C. 1-5636, 1-10209
 Rost, M. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
 Rosta, L. *see* Dolganov, V.K. 1-52064
 Rostad, C.E. *see* Pereira, W.E. 1-35965
 Rostaing, P. *see* Bindi, R. 1-26320
 Rostaing, P. *see* Lanteri, H. 1-50071
 Rostas, F. Alkali rare gas excimers 1-37257
 Rostas, J. *see* Larcher, C. 1-19083
 Rostas, J. *see* Larzilliere, M. 1-19108
 Rostas, J. *see* Le Floch, A.C. 1-6239
 Rostas, S. *see* Dezzo, L. 1-4854
 Rostocki, A.J. *see* Wisniewski, R. 1-28008
 Rostoker, G. Magnetospheric and ionospheric currents in the polar cusp and their dependence on the By component of the interplanetary magnetic field 1-4717
 Rostoker, G. Recent advances in the study of electric and magnetic fields in the ionosphere and magnetosphere 1-54314
 Rostoker, G., Samson, J.C. Polarization characteristics of Pi 2 pulsations and implications for their source mechanisms: location of source regions with respect to the auroral electrojets 1-54331
 Rostoker, N. *see* Fisher, A. 1-6984
 Rostomashvili, G.I. *see* Gogiasvili, G.E. 1-24982
 Rostovskii, V.S. *see* Podlubni, L.I. 1-38080
 Rostovtseva, V.V., Saitel, S.M., Sukhorukov, A.P., Tunkin, V.G. Generation of higher optical harmonics in focused beams 1-6618
 Rosztoczy, Z.R. The frequency and consequences of small loss-of-coolant accidents 1-28666
 Rota, A., Simonet, R., Boermans, P. International safeguards verification capabilities and constraints in LEU fabrication plant 1-14617
 Rota, E. *see* Waelbroeck, F. 1-30555
 Rotanova, N.M., Papitashvili, N.Ye., Pushkov, A.N. Use of orthogonal polynomials for separating long-period components from the times series of geomagnetic observations 1-22201
 Rotanova, N.M. *see* Kalugin, V.M. 1-22197
 Rotaru, A.Kh. *see* Belkin, S.N. 1-52499
 Rotaru, A.Kh. *see* Khadzhii, P.I. 1-2885
 Rothard, G. *see* Kalifa, J. 1-625
 Rothard, G. *see* Vergnes, M. 1-45487
 Rothberg, V.H., Mittig, W. Elastic and inelastic scattering of ^{10}O by ^{24}Mg 1-5731
 Rote, D. *see* Medillo, M. 1-17723
 Rotella, F.J. *see* Jorgenson, J.D. 1-30005
 Rotenber, B.A. *see* Nenashva, E.A. 1-20413
 Rotenberg, Z.A. *see* Begun, N.A. 1-43689
 Roth, E. *see* DeVan, J.H. 1-28694
 Roth, E.A. An application of the stroboscopic method [planetary satellite orbiters] 1-40314
 Roth, E.A. On the perturbation of the anomalistic period of highly eccentric orbit satellite due to the zonal harmonics 1-40321
 Roth, G. *see* Dahl, W. 1-31657
 Roth, G.L., Kochhar, R.K., Hind, J.E. Interaural time differences: implications regarding the neurophysiology of sound localization 1-32138
 Roth, J., Scherzer, B.M.U., Blewer, R.S., Brice, D.K., Picraux, S.T., Wampler, W.R. Trapping, detrapping and replacement of keV hydrogen implanted into graphite 1-25303
 Roth, J. *see* Behnisch, R. 1-26335
 Roth, J. *see* Brossa, F. 1-26662
 Roth, J. *see* Eckart Exner, H. 1-31798
 Roth, J. *see* Exner, H.E. 1-39565
 Roth, J. *see* Hintz, E. 1-26336
 Roth, J. *see* Jager, W. 1-25338
 Roth, J. *see* Leith, E.N. 1-51396
 Roth, J. *see* Matteson, S. 1-11986
 Roth, J. *see* Niedermeyer, H. 1-25040
 Roth, J.R., Miley, G.H. Implications of the second law for future directions in controlled fusion research 1-14693
 Roth, K. Off- and on-resonance noise decoupling difference spectroscopy. A technique for suppressing solvent signals 1-14156
 Roth, K., Kimber, B.J., Feeney, J. Data shift accumulation and alternate delay accumulation techniques for overcoming the dynamic range problem 1-41403
 Roth, K. *see* Nies, H. 1-14933
 Roth, L.M. Analyticity in liquid metals 1-11669
 Roth, L.M., Singh, V.A. Transport properties in liquid and amorphous metals 1-30695
 Roth, L.M. *see* Singh, V.A. 1-20611
 Roth, M., Carrasco, L., Franco, J., Resendiz, G. A photometer for infrared astronomy 1-9375
 Roth, M. *see* Page, R. 1-3917
 Roth, M.E. Monitoring sputtered deposits 1-16691
 Roth, P., Lohr, R., Hermanns, H.D. Shockwave measurements on the kinetics of the reaction $\text{HCN} + \text{O} \rightarrow 1-21698$
 Roth, P. *see* Antonini, G. 1-43808
 Roth, P.H., Simpson, W.H. Anomalies in the kinetics of chemical sensitization 1-13027
 Roth, R. Determination of the NO_2 content in the waste air 1-4130
 Roth, R.A., Katz, R. Heavy ion beam model for radiobiology 1-26950
 Roth, R.S. Thermal stability of long range order in oxides 1-31444
 Roth, R.S. *see* Santoro, A. 1-38350
 Roth, S.C. *see* DeReggi, A.S. 1-51683
 Roth, W.T., Pfefferbaum, A., Horvath, T.B., Berger, P.A., Kopell, B.S. P3 reduction in auditory evoked potentials of schizophrenics 1-26909
 Roth, W.T. *see* Pfefferbaum, A. 1-17373, 1-17401
 Rothbart, G.B. *see* Bailey, P.G. 1-50836
 Rothbaum, H.P. *see* Fellows, S.K. 1-32056
 Rothberg, G.M. *see* Manalio, A.A. 1-28139
 Rothberg, G.M. *see* Parellada, J. 1-37052
 Rothberg, G.M. *see* Salvat, F. 1-33241
 Rothberg, L.J., Gerrity, D.P., Vaida, V. Electronic spectra of butadiene and its methyl derivatives: a multiphoton ionization study 1-29052
 Rothe, E.W., Ranjbar, F., Sinha, D., Reck, G.P. Two-step photoionization of Na_2 : dependence on alignment 1-41439
 Rothe, H.J. *see* Bender, I. 1-445
 Rothe, H.J. *see* Girotti, H.O. 1-45113
 Rothe, K.D., Schroer, B. Green's functions, determinants and induced actions in gauge theories 1-28214
 Rothe, K.D. *see* Hortacsu, M. 1-23460
 Rothe, K.W. Monitoring of various atmospheric constituents using a CW chemical hydrogen/deuterium laser and a pulsed carbon dioxide laser 1-17703
 Rothe, K.W. *see* Trautmann, M. 1-35584
 Rothe, P.H. *see* Crowley, C.J. 1-50738
 Rothen, F. *see* Lievre, C. 1-11845
 Rothen, F. *see* Pieranski, P. 1-35579
 Rothenberg, A.F. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
 Rothenberg, J.E., Harris, S.E. XUV lasers by quartet to doublet energy transfer in alkali atoms 1-46301
 Rothenberg, L.N., Miller, D.W., Caravelli, J.F. An approach to the establishment of technique/exposure ranges in diagnostic radiology 1-44022
 Rothenberg, M. *see* Zoharian, S.A. 1-51666
 Rothen, G. Lower boundary determination of geomagnetic anomaly sources of prisms and prism ensemble models 1-40053
 Rothen, G. Depth determination of geomagnetic anomaly sources by the use of the energy density spectrum 1-40054
 Rothenmel, J., Agee, E.M. Aircraft investigation of mesoscale cellular convection during AMTEX 75 1-17665
 Rothgeb, T.M. *see* Gurd, F.R.N. 1-8793
 Rothgordt, U. *see* Hinz, H.-D. 1-10037
 Rothhardt, L.W. Peculiarities of electrical breakdown tests behind the reflected shock wave in a shock tube (in hot air and nitrogen) 1-15693
 Rothleder, B.M. Global effects of axially zoned gadolinium in PWR cores 1-45655
 Rothman, A.B. *see* Page, R.J. 1-14657
 Rothman, A.B. *see* Simms, R. 1-5905
 Rothman, L.B. Properties of thin polyimide films 1-20892
 Rothman, S.J. *see* Murch, G.E. 1-42563
 Rothmeyer, M. The Soret effect and salt-gradient solar ponds 1-35705
 Rothrock, D. *see* Baker, D.J., Jr. 1-13562
 Rothrock, R.B. *see* Bennett, R.A. 1-23743
 Rothrock, R.B. *see* Henderson, J.M. 1-14656
 Rothschild, M., Egger, H., Hawkins, R.T., Bokor, J., Pummer, H., Rhodes, C.K. High-resolution spectroscopy of molecular hydrogen in the extreme ultraviolet region 1-24164
 Rothschild, R. *see* Primini, F.A. 1-49830
 Rothschild, R.E., Baity, W.A., Marscher, A.P., Wheaton, W.A. Nonthermal hard X-ray emission from the nucleus of NGC 1275 1-49811
 Rothschild, R.E. *see* Gruber, D.E. 1-22837
 Rothschild, W.G., Perrot, M., Lascombe, J. Spontaneous Raman relaxation and structure of aqueous phase: $\text{NaSCN}-\text{H}_2\text{O}$ solutions 1-48051
 Rothstein, C.K. *see* Coleman, P.D. 1-2247
 Rothstein, S.M. *see* Thompson, D.M. 1-42256
 Rothwarf, A. The CdS/Cu₂S solar cell: basic operation and anomalous effects 1-17202
 Rothwarf, A., Windawi, H. The controlling influence of the Cu₂S optical absorption coefficient on the short-circuit currents of Cu₂S/CdS solar cells 1-23013
 Rothwarf, F., Leopold, H.A., Breslin, J.T., Bergner, R.L., Winter, J.J. Magnetic properties of some $\text{Sm}_{1-x}\text{Co}_{1-x}\text{Mn}_x$ intermetallic compounds 1-25930
 Rothwell, A., Allahyari, H. The compressive stiffness of a thin plate buckled in shear 1-41965
 Rothwell, H.L., Jr., Keefe, W.M. A direct reading polychromator for real time diagnostics of HID lamps 1-45028
 Rothwell, N.J. *see* Hervey, G.R. 1-48966
 Rothwell, N.J. *see* Perkins, M.N. 1-39886
 Rothwell, W.P. *see* Suwelack, D. 1-31039
 Roti, J.L. Roti *see* Roti Roti, J.L.
 Roti Roti, J.L., Henle, K.J. Comparison of two mathematical models for describing heat-induced cell killing 1-21995
 Rotin, V.A. *see* Gel'man, B.G. 1-9399
 Rotman, S.R., Roxlo, C.B., Bebelar, D., Yee, T.K., Salour, M.M. Pulse-width stabilization of a synchronously pumped dye laser 1-51532
 Roto, M. *see* Rice, S.L. 1-48519
 Rotondi, A. *see* Bendiscioli, G. 1-36949
 Rotstein, A.Ya. Measurement of angular geomagnetic components with the aid of quantum magnetometers 1-27263
 Rotstein, A.Ya. Errors of a nuclear-precessional magnetometer over a range and measurement of geomagnetic components 1-27268
 Rotstein, A. *see* Karny, Z. 1-15176
 Rott, N. Nonlinear acoustics—history and outlook 1-13991
 Rott, W. Numerical calculation of pressure wave propagation phenomena following a loss of coolant accident with structure dynamical coupling 1-797
 Rotter, Kh. *see* Berzin', Ya.Ya. 1-45453
 Rotthier, R., Schaire, L., Pharisau, P. On the local density of states for an extended isolated point imperfection: a Green function method 1-7165
 Rotthier, R., Schaire, L., Pharisau, P. An MTO theory for the calculation of deep levels in semiconductor due to a substitutional impurity cluster 1-25656
 Rottkie, B. Panoramic radiography in dentomaxillo-facial medicine 1-17479
 Rottkie, H. *see* Zacharias, H. 1-14967, 1-33514
 Rottmann, G.J. *see* Mount, G.H. 1-4843
 Rottmann, J.W. *see* Olfe, D.B. 1-11413
 Roualt, A. *see* Fruchart, D. 1-7136
 Rouanet, A., Serra, J.J., Allaf, K., Coutures, J., Dexpert, H. Thermal decomposition of rare earth orthophosphates in air above 1200°C. Reactions and characterisation of new solid phases 1-4080
 Rouault, A. *see* Commandre, M. 1-20120
 Rouault, A. *see* Fruchart, D. 1-20123
 Roubeau, P. *see* Bouffard, V. 1-26078
 Roubey, D., Malaprade, G., Gantozzi, G. The influence of thermal activation on plastic deformation instability in iron and steels 1-21537
 Roubey, D. *see* Derop, J.L. 1-31567
 Roubey, D. *see* Fleischmann, P. 1-20235
 Roubey, D. *see* Malaprade, G. 1-39379
 Roucau, C., Ayroles, R., Monceau, P., Guemas, L., Meerschaut, A., Rouxel, J. Electron diffraction and resistivity measurements on the one-dimensional orthorhombic and monoclinic structures of TaS₂. Comparison with NbSe₂ 1-38360
 Roucau, C. *see* Torres, J. 1-20238
 Rouch, J. *see* Bellocq, A.M. 1-29212
 Roudaut, R. *see* Ducassou, D. 1-49115
 Roudreau, P. *see* Aston, D. 1-14399, 1-45297, 1-50442
 Roudreau, P. *see* Ferrer, A. 1-50463
 Roueff, E. *see* Chambaud, G. 1-10835
 Rouet, A. *see* Richard, J.L. 1-27824
 Rouffosse, M. *see* McKenzie, D. 1-22318
 Roufs, J.A.J., Bouma, H. Towards linking perception research and image quality 1-8874
 Roufs, J.A.J. *see* Van Ouwerkerk, H.J. 1-39920
 Rouge, A. *see* Aston, D. 1-14399, 1-45297, 1-50442
 Rouge, A. *see* Ferrer, A. 1-50463
 Rough, F.A. *see* Purohit, A. 1-48583
 Roughley, D.J. *see* Williams, E.W. 1-4199
 Rougie, B. *see* Boucharene, P. 1-14174
 Rougier, J. *see* Grillet, Y. 1-16170
 Rouillon, J.-C. *see* Flandrois, S. 1-48290
 Rouillon, Y. *see* Da Cunha Belo, M. 1-39529
 Roulet, A. *see* Gautier, A. 1-28674
 Roulet, C. *see* Andrews, H.R. 1-18559
 Roulet, M.E., Dutoit, M., Luthy, W., Affolter, K. Electrical properties of CW laser-annealed ion-implanted polycrystalline silicon 1-30851
 Rouleau, J. *see* Ricard, M. 1-9030
 Rouleau, M. *see* Poc, M.M. 1-44264
 Rouleau, J.E., MacGregor, G.A. Evaluation of a coated tube assay for the estimation of plasma renin activity 1-53946
 Roult, G. *see* Billy, M. 1-20153
 Roumeliotis, J.A., Fikioris, J.G., Gounaris, G.P. Electromagnetic scattering from an eccentrically coated infinite metallic cylinder 1-1453
 Rounce, P.A. *see* Rees, D. 1-33056
 Rounds, E.M., Suttly, G. Segmentation based on second-order statistics 1-33629
 Roure, A. *see* Berengier, M. 1-11219
 Rouse, C.A. Nonradial oscillations with high l-values 1-27472
 Rouse, G.B. *see* Alys, J.A. 1-31413

- Rouse, J.E. see Sakai, H. 1-22365
 Rouse, J.W., Jr. see Blanchard, A.J. 1-4499
 Rouse, J.W., Jr. see Newton, R.W. 1-4548
 Rouse, J.W., Jr. see Wang, J.R. 1-9152
 Rouse, K.D. see Albinati, A. 1-30204
 Rouse, K.D. see Choudhary, R.N.P. 1-47053
 Rouse, K.D. see Cooper, M.J. 1-29959
 Roush, W.B. see Lloyd, J.R. 1-21655
 Roussaire, A. see Dorfan, J.M. 1-41020
 Roussarie, A. see Himel, T.M. 1-18482
 Roussarie, A. see Scharre, D.L. 1-18485, 1-45292
 Rousseau, J. see Bertolini, J.C. 1-2796
 Rousseau, M. see Ridou, C. 1-7150
 Rousseau, M.D. see Alkofer, O.C. 1-45773
 Rousseau, R.W. Crystallization: a review of recent developments 1-15823
 Rousseaux, F. see Robelin, E. 1-20079
 Roussel, F., Breger, P., Spiess, G., Manus, C., Geltman, S. Evidence of super-elastic effects in laser-induced ionization of Na vapour 1-10805
 Roussel, J. see Boiziau, C. 1-39207
 Roussel, L. see Julien, J. 1-41145
 Roussel, P. see Poughon, F. 1-50505
 Roussel-Dupre, R. Nonequilibrium ionization due to thermal diffusion and mass flows 1-36237
 Roussel-Dupre, R. Non-Maxwellian velocity distribution functions associated with steep temperature gradients in the solar transition region. I. Estimate of the electron velocity distribution functions 1-36248
 Roussel-Dupre, R. Non-Maxwellian velocity distribution functions associated with steep temperature gradients in the solar transition region. II. The effect of non-Maxwellian electron distribution functions on ionization equilibrium calculations for carbon, nitrogen and oxygen 1-36249
 Roussel-Dupre, R. Computations of ion diffusion coefficients from the Boltzmann-Fokker-Planck equation 1-49486
 Rousset, S. see Gruber, R. 1-51934
 Rousseva, B., Bonchev, D. Prediction of the nuclear binding energies of the nuclides of period VII 1-50491
 Roussile, R. see Koch, H.R. 1-10584
 Roussey, G. see Masson, M.A. 1-10759
 Roustian, J. see Dugay, M. 1-16279
 Routbort, J.L., Scattergood, R.O. Anomalous solid-particle erosion rate of hot-pressed silicon carbide 1-26629
 Routbort, J.L., Scattergood, R.O., Kay, E.W. Erosion of silicon single crystals 1-39461
 Route, R.K. see Feigelson, R.S. 1-15236
 Routh, M.W. An improved pneumatic concentric nebulizer for atomic absorption. II. Aerosol characterization 1-50217
 Routh, M.W. see Howarth, H. 1-50217
 Routhier, F., Davis, D.D. Free tropospheric/boundary-layer airborne measurements of H₂O over the latitude range of 58°S to 70°N: comparison with simultaneous ozone and carbon monoxide measurements 1-44246
 Routhier, F., Dennett, R., Davis, D.D., Wartburg, A., Haegenson, P., Delany, A.C. Free tropospheric and boundary-layer airborne measurements of ozone over the latitude range of 58°S to 70°N: a 40164
 Routti, J.T., Sandberg, J.V. Unfolding techniques for activation detector analysis 1-18990
 Routti, J.T., Sandberg, J.V. Multialgorithm unfolding studies of neutron spectra from activation detectors 1-50709
 Routti, J.T. see Koskela, M.J. 1-18991, 1-50984
 Rouven, J.M. see Lefebvre, J. 1-24563
 Roux, A. see Gendrin, R. 1-9326
 Roux, A. see Lavergnat, J. 1-44383
 Roux, A.-Y. Le see Le Roux, A.-Y.
 Roux, B. see Launay, J.C. 1-11704
 Roux, D. see Adam, M. 1-23909
 Roux, G. Le see Le Roux, G.
 Roux, J.A. see Pender, C.W., Jr. 1-44915
 Roux, M. see Le Fur, Y. 1-34320
 Roux, P.L.M. Le see Le Roux, P.L.M.
 Roux, S. see Bergate, J. 1-44590, 1-54551
 Roux, S. see Bruneau, N. 1-4300
 Roux, Y.M. Le see Le Roux, Y.M.
 Roux-Nogatchewsky, M. see Blasquez, G. 1-7683
 Rouxel, J. see Roucau, C. 1-38360
 Rouxel, J. see Tremblay, M. 1-47248
 Rouyet, J.P., Zak, J. Bravais-lattice operator in crystals 1-38704
 Rouzeyre, M. see Attal, J. 1-41932
 Rouzeyre, M. see Housin, M. 1-7635
 Rouzo, H. Le see Le Rouzo, H.
 Rovani, Y. see Chadenet, B. 1-8651
 Rovellini, S. see Razzini, G. 1-8698
 Rovinsky, Ju.A. see Samilchuk, A.I. 1-27044
 Rovere, M., Blum, L., Narten, A.H. The inelasticity correction for heavy water 1-11665
 Rovesti, W.C. see Downs, W. 1-26748
 Rovetta, R. see Abbati, I. 1-43250
 Rovinskii, R.E. see Ashurly, Z.I. 1-33712
 Rovinskii, R.E. see Levinson, D.I. 1-31242
 Rovithis, P., Rovithis-Livianou, H. New photoelectric observations of VW Cephei 1-22833
 Rovithis-Livianou, H. see Rovithis, P. 1-22833
 Rovner, L.H. see Cheng, E.T. 1-18889
 Rowan, R., III, Mazzocchi, P.H., Kanagy, C.A., Regan, M. Proton mononuclear Overhauser enhancements of methyl groups 1-1264
 Rowe, A.J. see Harding, S.E. 1-39693
 Rowe, B.R., Fahey, D.W., Viggiano, A.A., Albritton, D.L., Ferguson, E.E., Fehsenfeld, F.C. Reactions studies of magnesium ions 1-43664
 Rowe, B.R., Viggiano, A.A., Fehsenfeld, F.C. Reactions between neutrals clustered on ions 1-39589
 Rowe, B.R. see Perry, R.A. 1-17649
 Rowe, D.J. The EBBs and flows of the collective tide 1-619
 Rowe, D.J., Ryman, A., Rosensteel, G. Many-body quantum mechanics as a symplectic dynamical system 1-18074
 Rowe, D.M. Electron mobility in heavily doped, hot pressed silicon germanium alloys 1-30740
 Rowe, D.M., Bhandari, C.M. Effect of grain size on the thermoelectric conversion efficiency of semiconductor alloys at high temperature 1-13150
 Rowe, D.M. see Bhandari, C.M. 1-8731
 Rowe, J.E. see Brennan, S. 1-16659
 Rowe, J.E. see Chabal, Y.J. 1-48200
 Rowe, J.E. see Margaritondo, G. 1-38828
 Rowe, J.E. see Murray, C.A. 1-25792
 Rowe, J.M. see Magerl, A. 1-47190
 Rowe, J.M. see Michel, K.H. 1-2573
 Rowe, J.M. see Rush, J.J. 1-7276
 Rowe, R.G. see Mulford, R.A. 1-21453
 Rowe, W.S. see Klapproth, J.F. 1-50810
 Rowell, J.M. see Spencer, E.G. 1-47815
 Rowell, J.M. see Wolf, E.L. 1-3112
 Rowell, N.P. The response of the ear 1-13981
 Rowinska, L., Jaskolska, H., Wronski, W., Walis, L. Determination of chlorine distribution in silicon dioxide by neutron activation 1-31940
 Rowland, D.M. see Freeman, L.B. 1-50873
 Rowland, F.S. see Subramonia Iyer, R. 1-22399
 Rowland, H.L., Lyon, J.G., Papadopoulos, K. Strong Langmuir turbulence in one and two dimensions 1-38106
 Rowland, H.T., Dexter, S.C. Effects of the sea water carbon dioxide system on the corrosion of aluminum 1-39510
 Rowland, T.J. see Lenahan, P.M. 1-42753, 1-52887
 Rowlands, G. see Cohen, R.H. 1-29899
 Rowlands, G. see Forthy, A.J. 1-43608
 Rowlands, G. see Infeld, E. 1-42156
 Rowlands, H.A. see Lee, C.W. 1-30719
 Rowlands, I. Design of the pressurized water reactor 1-754
 Rowlands, J.A. see Edmunds, D.L. 1-23265
 Rowlands, J.R., Eaton, C.R. Effective diffusion coefficients for low density cylindrical channels 1-18711
 Rowley, D.M. A 35 mm hologram camera 1-29229
 Rowley, D.M. A new type of holo-camera 1-41648
 Rowley, N., Merchant, A.C. Effects of core distortion on α -cluster states in ¹⁹F 1-18584
 Rowley, W.R.C., Shotton, K.C., Woods, P.T. Comment of 'Confirmation of the currently accepted value 299 792 458 metres per second for the speed of light' by K.M. Baird, D.S. Smith and B.C. Whitford 1-5288
 Rowley, W.R.C. see Birch, K.P. 1-28991
 Rowlinson, J.S. Fluid mixtures under pressure 1-30357
 Rowlinson, J.S. see Hemingway, S.J. 1-20514
 Rowson, D.M. see Sullivan, J.L. 1-26632
 Roxburgh, I.W. see Belvedere, G. 1-27439
 Roxlo, C.B. see Rotman, S.R. 1-51532
 Roy, A. On some resistivity log interpretation charts 1-4629
 Roy, A. Response of an elastic half-space to normal pressure over an elliptic area 1-24668
 Roy, A., Gupta, R.C. PMR study of intramolecular motion in solid 2,4-dinitrophenyl hydrazine 1-34947
 Roy, A., Roy, K., Sil, N.C. Evaluation of electron-hydrogen ionization amplitudes 1-1377
 Roy, A.E. see Walker, I.W. 1-13673
 Roy, A.P. see Bansal, M.L. 1-38532
 Roy, B.N., Goh, K.H. Kinetic parameters and thermodynamic properties of diffusion-controlled crystal growth of calcium tungstate from solutions in sodium tungstate melts by differential thermal analysis 1-25184
 Roy, B.N., Goh, K.H. Proximity between reacting partners for diffusion-controlled growth of barium tungstate crystals from sodium tungstate melts 1-53077
 Roy, B.N., Packter, A. Evaluation of degree of crystallization by optical microscopy and chemical analysis in crystallization of alkaline-earth metal tungstates from solutions in lithium chloride melts 1-20087
 Roy, B.N. see Kumar, A. 1-41468
 Roy, C.L. A general treatment of Fermi level in extrinsic semiconductors 1-47428
 Roy, C.L. On the occurrence of Stark-ladder in finite crystals 1-47594
 Roy, C.L. Relativistic electronic states in disordered systems 1-52475
 Roy, C.L., Mahapatra, P.K. A study of Block electrons in external fields by way of an evolution operator 1-12078
 Roy, C.L., Roy, G. A study on surface states of one-dimensional semi-infinite systems 1-3034
 Roy, C.R. see Galbally, I.E. 1-22465
 Roy, D. see Das, S.K. 1-30139
 Roy, D. see Delwiche, J. 1-29039
 Roy, D.J. Georgetown University's experience in the atmospheric fluidized bed combustor technology 1-51868
 Roy, D.P. Diffractive photoproduction of strange-ness and charm-overlap of QCD and Regge models 1-14401
 Roy, D.P. see Ganguli, S.N. 1-40976
 Roy, D.S., Bhattacharyya, K., Gupta, A.K., Chowdhury, M. Role of electronic symmetry of Stark components in non-radiative relaxation in Eu³⁺ in Eu diglycolate 1-35081
 Roy, G., D'Astous, Y., Blanchard, M., Tremblay, R. Some characteristics and observations of long diffuse discharges produced by the focussing of a TEA-CO₂ pulse with an axicon 1-7014
 Roy, G. see Roy, C.L. 1-3034
 Roy, G. De see De Roy, G.
 Roy, J.B., Basu, P.K., Nag, B.R. Mobility of electrons in a quantized accumulation layer on ZnO limited by phonon scattering 1-30804
 Roy, J. Le see Le Roy, J.
 Roy, J.S., Chaudhury, N.K. Heat transfer by laminar flow of an elastic-viscous liquid along a plane wall with periodic suction 1-15478
 Roy, K. see Friedrich, G. 1-39792
 Roy, K. see Rasch, K.-D. 1-39789
 Roy, K. see Roy, A. 1-1377
 Roy, K.K., Elliott, H.M. Model studies on some aspects of resistivity and membrane polarization behaviour over a layered Earth 1-40213
 Roy, L.J., Sanchez Gomez, J.L. Fresnel effects in the elastic scattering of protons by ⁴He at intermediate energies 1-50592
 Roy, M. Ionospheric current associated with solar flares: a short review 1-32570
 Roy, M.N. Sinha see Sinha Roy, M.N.
 Roy, P. Resolution of Navier-Stokes equations by a method of high accuracy in space and time 1-51734
 Roy, P. see Chandra, R. 1-50364
 Roy, P. see Mukherjee, A. 1-18437
 Roy, P.K., Saha, B.C., Sil, N.C. Formation of hydrogen atoms in arbitrary excited states by electron capture in p-H collisions 1-1344
 Roy, R., Mandel, L. Effect of backscattering on the behavior of a dye ring laser 1-15195
 Roy, R., Short, R., Durand, J., Mandel, L. First-passage-time distributions under the influence of quantum fluctuations in a laser 1-6537
 Roy, R. see Dasgupta, S.S. 1-14530
 Roy, R. see Macmillan, N.H. 1-5910
 Roy, R. see Short, R. 1-41683
 Roy, R. see Slododrian, R.J. 1-33263
 Roy, R.J., Smith, R.B. Pattern recognition of EEG waves during hypoxia 1-32291
 Roy, R.J. Le see Le Roy, R.J.
 Roy, R.P. see Jain, P.K. 1-14577
 Roy, R.P. see Roy Choudhury, R.K. 1-23012
 Roy, S.B., Daw, A.N. Effect of non-uniformly doped surface layer on the barrier height of a Schottky contact 1-7710
 Roy, S.C. see Biswas, M. 1-28819
 Roy, S.C. see Kissel, L. 1-14850
 Roy, S.K. see Brahm, P. 1-48001
 Roy, S.K. see Ramasamy, S.D. 1-35416
 Roy, S.K. see Wallis, G.P. 1-12407
 Roy, S.K. see Dutta Roy, S.K.
 Roy, S.M. see Gangal, A.D. 1-5649
 Roy, S.R. see Prakash, S. 1-22934
 Roy, T. see Banerjee, R.S. 1-36789
 Roy, T. see Chatterjee, L. 1-36862
 Roy, T. see Patra, P. 1-18083
 Roy, T. Choudhury, R.K., Roy, S. Stochastic space-time and the concept of potential in classical mechanics 1-23012
 Roy Tapas Ranjan see Tapas Ranjan Roy
 Roy-Stephan, M. see Bachelier, D. 1-23688
 Roy-Stephan, M. see Bernas, M. 1-14538
 Roy-Stephan, M. see Poughon, F. 1-50505
 Roybal, J.A., Ganapol, B.D. Time-dependent continuous-energy neutron transport in spherical geometry 1-10406
 Royce, B.S.H. see Laufer, G. 1-12483
 Roychoudhury, C., Dash, K.C. Spectral studies on mixed ligand complexes of sodium dinitro-bis(acetylacetonato) cobaltate(III) with imidazole ligand 1-10716
 Roychoudhury, G. see Dash, K.C. 1-52852
 Roychoudhury, C., Siqueiros, J.M., Landgrave, E. Concepts of spectroscopy of pulsed light 1-40864
 Roychoudhury, D., Basu, P.K. Mobility of electrons in a quantized silicon inversion layer due to phonon scattering 1-34799
 Roychoudhury, M. see Debnath, N.C. 1-7515
 Roychoudhury, U.K. see Venugopalan, M. 1-34179
 Royden, H.N. see Walson, G.R. 1-22659

- Royden, L., Keen, C.E. Rifting process and thermal evolution of the continental margin of eastern Canada determined from subsidence curves 1-32397
- Royden, L. see Selater, J.G. 1-22268
- Royen, E.W. van see van Royen, E.W.
- Royer, A. Shift, width, and asymmetry of pressure-broadened spectral lines at intermediate densities 1-10696
- Royer, D. see Barreau, P. 1-28471
- Royer, D. see Bernheim, M. 1-45495
- Royer, D. see Dieulesaint, E. 1-44733
- Royer, F., Tavad, C. Research of active slip systems on the process of plastic deformation in polycrystal. III. Behaviour of Taylor factor in the case of crystallographic slip in cubic crystals 1-30239
- Royer, H. Application of multiple-pulse holographic to the study of flashing droplets 1-1530
- Royer, H. see Dykes, M. 1-45784
- Royer, J. see Perrin, M. 1-28877
- Royet, J.-L. see Decorat, C. 1-24205
- Royl, P. see Froehlich, R. 1-50831
- Roynance, D. Use of 'penalty' finite elements in analysis of polymer melt processing 1-46718
- Royle, A. see Mullin, J.B. 1-3608
- Roynette, J.C., Frascaria, N., Blumenfeld, Y., Jacmart, J.C., Plagnol, E., Garron, J.P., Gamp, A., Fuchs, H. Light particle coincidences with gross structure in energy spectra from the $^{40}\text{Ca}+^{40}\text{Ca}$ collision 1-45533
- Royo, F.R. see Moreno-Diaz, R. 1-4269
- Royt, T.R. Passive mode-locking of the Nd-glass oscillator at high repetition rate with thermally compensated phosphate glasses 1-15201
- Royt, T.R. Repetitive mode-locking in thermally compensated phosphate glasses at 5 Hz and above 1-51524
- Rozanov, N.N. Time-varying operation of hybrid bistable optical devices 1-29373
- Rozanov, N.N. Hysteresis phenomena in distributed optical systems 1-41773
- Rozanov, N.N. see Alekseev, V.N. 1-51489
- Rozanov, S.B. see Vasil'eva, A.N. 1-42247
- Rozanov, V.B. see Ajanas'ev, Yu.V. 1-15635
- Rozanov, V.B. see Gamajli, E.G. 1-11515
- Rozanov, V.B. see Volosevich, P.P. 1-41230
- Rozanskaya, M. see Däum, C. 1-28357
- Rozanskaya, M. see Gorlich, L. 1-5656
- Rozdestvenskaya, T.H. see Galakhova, O.P. 1-36690
- Roze, Ye.N. Estimating the accuracy of a magnetic survey during measurement along a profile 1-4631
- Roze, Ye.N. Method of controlling in magnetic survey data the presence of the variable component of the geomagnetic field 1-4632
- Rozenberg, E.V. see Vlasov, K.B. 1-25746
- Rozenberg, G.V. see Mateshvili, Yu.D. 1-32494, 1-32516
- Rozenberg, L.P. see Shibaeva, R.P. 1-2421, 1-30221
- Rozenblyum, A.S. see Gavrilov, L.R. 1-39962
- Rozenblyum, L.A. see Kudryashov, A.V. 1-32171
- Rozenblyum, N.D. see Mittel'man, M.G. 1-23804
- Rozendaal, A. see Mrozek, J. 1-19029
- Rozefeld, B., Pajak, J., Pietrzak, R. Investigation of the effect of hydrogen and helium impurity on the mechanism of positron annihilation in zirconium 1-26297
- Rozefeld, B. see Chojcan, J. 1-12022
- Rozefeld, B. see Debowska, E. 1-8155
- Rozefeld, M. see Lanzl, L.H. 1-44009
- Rozefeld, M. see Sabau, M.N. 1-53909
- Rozefeld, S.Kh. Derivation of diffusion equation boundary conditions from kinetic equations 1-51894
- Rozemman, G.I. see Rez, I.S. 1-3337
- Rozenson, A.E. see Panyutin, V.L. 1-20630, 1-20632
- Rozental, O.M., Kul'kova, T.F., Kalitina, L.N., Borisenko, V.G. Nature of adhesiveness of metal hydroxides 1-8464
- Rozet, J.P., Chetoui, A. Non-immediate L-shell equilibrium of fast heavy projectiles in solid targets: influence on K X-ray yield variation with target thickness 1-29091
- Rozet, J.P. see Briand, J.P. 1-23607, 1-24095
- Rozgonyi, G.A. Laser annealing of semiconductors 1-30258
- Rozgonyi, G.A. see Baumgart, H. 1-47085, 1-52450
- Rozgonyi, G.A. see Bauser, E. 1-38312
- Rozgonyi, G.A. see Miller, D.C. 1-47088
- Rozhanskii, V.A. see Voskoboinikov, S.P. 1-38138
- Rozhanskii, V.A. see Zhilinskii, A.P. 1-2161
- Rozhanskii, A.S. see Krive, I.V. 1-20710
- Rozhda, A.F. see Ermolenko, A.S. 1-38931
- Rozhdestvenskaya, T.B. see Tarbeyev, Yu.V. 1-23163
- Rozhdestvenskii, A.E. see Pogodav, V.A. 1-46230
- Rozhdestvenskii, M.K. see Avdukevskii, V.S. 1-9396
- Rozhdestvenskii, M.K. see Kerzhanovich, V.V. 1-9397
- Rozhdestvenskii, V.N., Khazanov, A.B. Antireflection coatings on items made from gallium arsenide 1-37570
- Rozhdestvenskiy, M.K. see Kerzhanovich, V.V. 1-49553
- Rozhdestvenskiy, V.V. Plasma diagnostics in tokamaks on emission and scattering of electromagnetic waves 1-19968
- Rozhenko, A.L. see Anfilov, I.V. 1-40887
- Rozhkov, A.N. see Entov, V.M. 1-51837
- Rozhkov, A.V. see Abramov, A.V. 1-35162
- Rozhkov, R.S. see Zaklyaz'minskiy, L.A. 1-13010
- Rozhkov, S.S. Magnetic soliton dynamics in $^3\text{He-B}$ 1-42602
- Rozhkov, V.D. see Shaver, I.Kh. 1-23978
- Rozhkova, S.B., Filippov, M.A., Sokolov, O.G., Chumakova, L.D., Osipov, V.V. The influence of preliminary treatment on the phase composition and mechanical properties of type G20 steels 1-35333
- Rozhnyatovskaya, S.A. see Anisimov, Yu.S. 1-45785
- Rozin, K.M. see Dudnikova, V.B. 1-20385
- Rozina, M.V. see Kruglov, B.A. 1-35483
- Rozmarynowicz, M. see Wolski, W. 1-25423
- Rozmej, P. see Dudek, J. 1-14459
- Rozmus, W. Plasmodynamical description of two-component weakly coupled plasma 1-19872
- Roznerski, W., Leja, K. The ratio of lateral diffusion coefficient to mobility for electrons in hydrogen and nitrogen at moderate E/N 1-7019
- Rozniakowski, K. see Drobniak, A. 1-21295
- Rozov, B.S., Shchurenkov, A.A. Angular-displacement interference transducers with a double optical heterodyne 1-18213
- Rozploch, F. see Gabisiak, K. 1-12657
- Rozsa, C.M. see Fargis, U. 1-28445
- Rozsa, R.B. see Candy, J.V. 1-18846
- Rozsa, S., Tabor, P., Molnar, L., Nagymihalyi, D. New type A/D converter of prescribed characteristics [for nonlinear transducers] 1-27959
- Rozsondai, B., Schultz, G., Hargittai, I. Undistorted benzene rings in diphenyl sulphide 1-29136
- Rozum, E.I. see Adishchev, Yu.N. 1-25340, 1-34384
- Rozum, E.I. see Plotnikov, S.V. 1-42441
- Rozzi, T.E. see Shore, K.A. 1-1567
- Ru-keng Su see Su Ru-keng
- Ru-liang Liu see Liu Ru-liang
- Ru-ming Tang see Tang Ru-ming
- Ru-nan Chin see Chin Ru-nan
- Ru-qi Han see Han Ru-qi
- Ru-quan Wang see Wang Ru-quan
- Ru-sen Xu see Xu Ru-sen
- Ru-Wen Zhao see Zhao Ru-Wen
- Ruan Gang The determination of some physical parameters in silicon solar cells 1-32012
- Ruan Jing-Hui see Li Zhu-Qi 1-46958
- Ruan Tu'an see Chen Xiaotian 1-18505
- Ruas B. Santos, V. A direct method for solving two-dimensional one-phase Stefan problems 1-19551
- Rubakha, E.A. see Karpuzov, D.S. 1-2548
- Rubakov, V.A. Canonical quantization of gravity and a problem of scattering 1-9907
- Rubakov, V.A. see Krasnikov, N.V. 1-18370
- Rubakov, V.A. see Lapchinskii, V.G. 1-32791
- Rubaltelli, F. see Jori, G. 1-35826
- Ruban, V.A. see Odarich, V.A. 1-39061
- Rubanov, A.S. see Lazaruk, A.M. 1-19378, 1-51556
- Rubanov, A.S. see Zheltov, G.I. 1-6507
- Rubashkin, A.L. see Frolov, A.M. 1-28771
- Rubashkin, A.L. see Get'man, V.A. 1-10230
- Rubashkin, A.L. see Gorbenko, V.G. 1-572
- Rubbia, C. Some significant physics objectives of the pp collider 1-10288
- Rubbia, C. see Barranco Luque, M. 1-14745
- Rubbia, C. see Calvetti, M. 1-14778
- Rubbia, C. see Deiters, K. 1-51044
- Rubbia, C. see Hanna, D. 1-41015
- Rubbia, C. see Irlon, J. 1-50475
- Rubeko, L.A., Krasnov, I.V., Kalyshch, G.A., Krasnikov, S.A., Kozlov, N.A., Denisov, L.K., Uzhinov, B.N. Enhancement of lasing efficiency of sodium 8-hydroxypyrene-1,3,6-trisulfonate in aqueous solution 1-46333
- Rubeko, L.M., Uzhinov, B.M. Determination of acid-base equilibrium constants in the excited state 1-8600
- Rubesin, M.W. Developments in the computation of turbulent boundary layers 1-1936
- Rubesin, M.W. see Murphy, J.J. 1-1925
- Rubins, P.C. see Fox, D.J. 1-6145
- Rubi, J.M., Casas-Vazquez, J. On wave propagation in fluids of polyatomic molecules 1-2004
- Rubi, J.M. see Lebon, G. 1-34497
- Rubin, A.B. see Korvatovskii, B.N. 1-17358
- Rubin, A.B. see Rubin, L.B. 1-35760
- Rubin, A.L. see Antsifirov, V.V. 1-31817
- Rubin, B., Polo, S.R., McCubbin, T.K., Jr. The ν_6 parallel band of cyclopropane at 3100 cm^{-1} 1-51204
- Rubin, C. A protective apron for users of ^{32}P 1-9040
- Rubin, C.T. see Radin, E.L. 1-17446
- Rubin, H.A. see Hanlon, J. 1-18464
- Rubin, H.A. see Kitagaki, T. 1-18467
- Rubin, I.K. Optimization of the control windings for transverse magnetic field control of a Tokamak, taking the superconducting shell into account 1-2255
- Rubin, J.A. see Singh, J.P. 1-39427
- Rubin, L. Scatterplate interferometry 1-28057
- Rubin, L., Kwon, O. Infrared scatterplate interferometry 1-5365
- Rubin, L. see Borg, S. 1-48807
- Rubin, L.B., Paschenko, V.Z., Rubin, A.B. Picosecond fluorometry of the exciton diffusion in green plant antenna chlorophyll 1-35760
- Rubin, L.B. see Korvatovskii, B.N. 1-17358
- Rubin, L.G., Sample, H.H. Hall effect magnetometers for high magnetic fields and temperatures between 1.5K and 300K 1-33011
- Rubin, M.A. see Freund, P.G.O. 1-18420
- Rubin, M.H. Optimal configuration of an irreversible heat engine with fixed compression ratio 1-216
- Rubin, M.N. see Bender, E.K. 1-41921
- Rubin, P.I. see Brukhovetskii, A.P. 1-29129
- Rubin, R.H. see Evans, N.J., II 1-9601
- Rubin, R.M. see Warkentin, J.K. 1-18796
- Rubin, S.G. see Ramakrishna, K. 1-29696
- Rubin, V.C. Stars, galaxies, cosmos: the past decade, the next decade 1-27401
- Rubin, V.C., Burstein, D., Thonnard, N. A new relation for estimating the intrinsic luminosities of spiral galaxies 1-49814
- Rubin, V., Wygnanski, I., Haritonidis, J.H. Further observations on transition in a pipe 1-42017
- Rubin, Yu.V. see Blagoy, P. 1-14806
- Rubina, N.M. see Dmitriev, V.G. 1-1574
- Rubinitina, N.M. see Ivanova, Z.I. 1-6617
- Rubinson, A.N., Bushuk, B.A., Stupak, A.P., Shubert, D. Rotational relaxation of rhodamine 4C in solutions in ground and excited states 1-3464
- Rubinson, A.N., Efendiev, T.Sh., Bor, Zh., Kozma, L., Rats, B. Dye-solution laser with pump-induced distributed feedback 1-1557
- Rubinson, A.N., Strizhev, V.S. Lasing characteristics of a dye laser-amplifier system 1-1562
- Rubinson, A.N. see Nemkovich, A.A. 1-35095
- Rubinson, Yu.A. see Borisov, M.F. 1-41661
- Rubinskii, B.D. see Parton, V.Z. 1-19648
- Rubinstein, H.J., Gilcrest, J.D., Kendall, W.R. Compacted spent-fuel storage—designs and problems 1-868
- Rubinstein, H.R. see Close, F.E. 1-563
- Rubinstein, H.R. see Reinders, L.J. 1-5603, 1-18445, 1-23481
- Rubio, E. see Moreno-Diaz, R. 1-4269, 1-17385
- Rubio, J. see Valdemoro, C. 1-11717
- Rubio, J.A. see Aguilar-Benitez, M. 1-5646, 1-23517
- Rubio, J.A. see Loverre, P.F. 1-18511, 1-18512
- Rubio O, J. see Hernandez A, J. 1-39125
- Rubio O, J. see Lopez, F.J. 1-39130
- Rubinson, R.M. see Too, J.R. 1-20400
- Ruble, J.R. see Jeffrey, G.A. 1-20174
- Rublev, I.S. see Vainshtein, L.A. 1-1087
- Rublev, N.D. see Rogov, V.V. 1-15293
- Rublevskii, I.P. see Verlotskii, A.A. 1-35284
- Rubloff, G.W. see Freecup, J.L. 1-16366
- Rubloff, G.W. see Ho, P.S. 1-26366
- Rubtsov, A.A. see Mansfeld, G.D. 1-20826
- Rubtsov, L.N. see Ioffe, Z.M. 1-4832
- Rubtsov, V.I. see Gal'per, A.M. 1-13554, 1-13555
- Ruby, L. Statistics of the detection process in radioactive decay 1-40622
- Ruby, S. see Landgrebe, A.R. 1-53586
- Ruby, S.L. Possible applications of the Mossbauer technique in waste management studies 1-28636
- Ruckhin, D.S., Sutton, S., Kietzman, M.L., Silver, K. Slow wave and P300 in signal detection 1-32134
- Ruckhin, D.S., Sutton, S., Stega, M. Emitted P300 and slow wave event-related potentials in guessing and detection tasks 1-4254
- Ruckho, L.F. see Demirkhanov, R.A. 1-42139
- Ruckhowska, E. see Kurcewicz, W. 1-50486
- Ruchti, R.C. see Biswas, N.N. 1-18515
- Rucinski, G. see Bebek, C. 1-33191
- Rucinski, G. see Chadwick, K. 1-33192
- Rucinski, S.M. see Eaton, J.A. 1-9563
- Ruck, G.W. see Yang, T.F. 1-10543
- Ruckauer, C. Laser Doppler anemometer 1-29805
- Ruckebusch, G. Geometric theory of the Markovian representation 1-50048
- Ruckenstein, A.E. see Siggia, E.D. 1-1078
- Ruckenstein, E. A correlation for laminar free convection over the entire range of Prandtl numbers 1-37900
- Ruckenstein, E. see Maldarelli, C. 1-30528
- Ruckenstein, E. see Neogi, P. 1-38004
- Rucker, R.A. see Hess, A.L. 1-28537
- Ruckl, R. see Guberina, B. 1-10219

- Ruckl, R. see Kuhn, J.H. 1-539, 1-552
- Ruckle, D.L. Plasma-sprayed ceramic thermal barrier coatings for turbine vane platforms 1-31630
- Ruckman, M.W., Levy, R.A., Kessler, A., Hasegawa, R. Mossbauer and X-ray studies of the kinetics of crystallization in glassy Fe-B alloys 1-2334
- Ruckmann, I., May, V., Voigt, J. Some evidence for the high density phase of excitons on CdS [reflection spectra] 1-26229
- Ruckstuhl, W. see Weber, R. 1-33216
- Rud, N., Ward, D., Andrews, H.R., Taras, P., Keinonen, J. Evidence for enhanced transition rates in the feeding of high spin states in ^{147}Gd 1-50548
- Rud, N. see Andrews, H.R. 1-18559
- Rud', N.A. see Obukhov, S.A. 1-52923
- Rud, V.I. see Batyunya, B.V. 1-600
- Rud, V.I. see Boos, E.G. 1-5661
- Rud', Yu.V., Masagutova, R.V., Vaipolin, A.A. Electrical properties of n-type ZnGeP_2 films 1-34815
- Rud', Yu.V., Vaipolin, A.A., Masagutova, R.V. Properties of p-type ZnGeP_2 films 1-42875
- Rud', Yu.V. see Mamedov, A. 1-42780
- Rud', Yu.V. see Masagutova, R.V. 1-3056
- Rud', Yu.V. see Medvedkin, G.A. 1-3057
- Ruda, G.I., Vavilova, V.V. Phase diagram of part of the system Ti-Hf-O 1-21428
- Rudakoff, G. see Tiller, H.-J. 1-26645
- Rudakoff, G. see Vogelsberger, W. 1-47334
- Rudakov, A.A. see Nemirovskii, M.R. 1-31455
- Rudakov, L.I. see Alikhanov, S.G. 1-2211
- Rudakov, V.P. see Artemov, K.P. 1-45472
- Rudakov, Yu.F. see Chernyavskii, K.S. 1-48606
- Rudashevskii, E.G. see Aleinikov, A.F. 1-34905
- Rudashevskii, E.G. see Merkulov, V.S. 1-43101
- Rudaz, S. see Bais, F.A. 1-32783
- Rudaz, S. see Ellis, J. 1-23462, 1-50432
- Rudberg, Yu.E. see Lisovskii, V.A. 1-44044
- Rudchik, A.T. see Gass, A.S. 1-690, 1-5763
- Rudd, M.E., Toburen, L.H., Stollerfoht, N. Differential cross sections for ejection of electrons from argon by protons 1-10829
- Rudd, W.J., Scully, J.C. The function of the repassivation process in the inhibition of pitting corrosion on aluminium 1-16948
- Ruddick, K. see Collick, B. 1-45290
- Ruddick, K. see Jonckheere, A. 1-51013
- Ruddick, K. see Makdisi, Y. 1-14411
- Ruddock, T.S. Experimental studies of the He-Ne laser: resonators and self-locking 1-9806
- Ruddy, F.H. see Gold, R. 1-50783
- Rudecki, P. Cross sections for depolarization of $6^3\text{P}_{3/2}$ cesium atoms induced in collision with noble gases from D_2 optical pumping 1-19173
- Rudell, A. The rhythm of cortical excitability 1-4255
- Ruden, B.-I. see Bjarngard, B.E. 1-9027
- Rudenko, N.S. see Slyusar', V.P. 1-52367
- Rudenko, N.V. see Reznik, A.I. 1-30806
- Rudenko, O.V. see Vasil'eva, O.A. 1-29439
- Rudenko, V.A. see Gubanov, A.G. 1-4988
- Rudenko, V.N. see Troschenko, V.T. 1-3931
- Rudenko, V.P., Katsov, K.B., Kovalenko, V.I., Grishchenko, L.V., Kornblum, A.I., Pavlov, V.S. The stress distribution in heavy plates with cylindrical welded-in pieces in elastoplastic deformation 1-35448
- Rudenko, V.V. Hexagonal anisotropy of trigonal antiferromagnetic crystals with weak ferromagnetism 1-3172
- Rudenok, I.P. see Kolesnikov, P.M. 1-24507, 1-33820
- Ruder, H., Wunner, G., Herold, H., Reinecke, M. On the validity of perturbation calculations of energy levels and transitions of hydrogen atoms in strong magnetic fields 1-41347
- Ruder, H. see Herold, H. 1-647, 1-46054
- Ruder, H. see Schmitt, W. 1-49496
- Ruder, H. see Wunner, G. 1-1148, 1-5712, 1-17763, 1-44424, 1-46173
- Rudge, A. see Berset, J.C. 1-14777
- Rudge, A. see Cockerill, D. 1-14742
- Rudge, M.R.H. A variational procedure for multi-channel scattering 1-120
- Rudge, M.R.H. A variational procedure for finding asymptotic solutions 1-23056
- Rudiger, A. see Schilling, R. 1-27853
- Rudiger, G. On negative eddy viscosity in MHD turbulence 1-19821
- Rudiger, G. Rapidly rotating α^2 -dynamo models 1-27054
- Rudiger, R. Time dependence of the cosmological redshift in Friedmann universes 1-9744
- Rudiger, R. Conserved quantities of spinning test particles in general relativity. I 1-40684
- Rudiger, R. A remark concerning general relativistic Carnot cycles 1-44801
- Rudiger, R. see Dietz, W. 1-9884, 1-44806
- Rudik, K.I., Yaroshenko, O.I. Polarization of laser radiation from a dye excited into the second absorption band 1-1561
- Rudik, W.J. see Zewi, K.G. 1-53275
- Rudin, H. see Guntherodt, H.J. 1-25619
- Rudin, H. see Suck, J.-B. 1-30341, 1-34237
- Rudin, M., Schweiger, A., Berchten, N., Gunthard, H.S.H. On the electronic structure of $\text{N,N}'$ -ethylenebis(acetylacetonatiminato) $\text{Co}(\text{II})$, $\text{Co}(\text{I})$ acac. I. A single crystal EPR and cobalt ENDOR study 1-38976
- Rudin, M. see Schweiger, A. 1-10002
- Rudin, S., Bednarek, D.R. Improved contrast in special procedures using a rotating aperture wheel (RAW) device 1-40004
- Rudin, S., Bednarek, D.R. Rotating aperture devices in X-ray tomography 1-43969
- Rudin, S. see Bednarek, D.R. 1-43967
- Rudina, M.P. see Khachikyan, G.Ya. 1-22594
- Rudina, O.G. see Ivanova, L.A. 1-1681
- Rudins, G. see Schneider, S.J. 1-7011
- Rudis, M., Machek, J., Jezdinsky, V. Distribution of flow rates and temperatures in tributaries—a tool for heat balance computation in artificial lakes 1-54145
- Rudkjobing, M. see Gammelgaard, P. 1-17884
- Rudko, R.I., Barnie, J.W. Long life operation of CO_2 mini-TEA lasers 1-41737
- Rud'ko, V.N., Fishchuk, I.I. Low-frequency conductivity of disordered systems in the range of validity of the Mott law 1-25686
- Rudkovskaya, L.M. see Razumovskaya, O.N. 1-39286
- Rudloff, F.A., Swanson, S.R., Boehm, R.F. Computer simulation results for planar reflectors and flat plate solar collectors 1-21914
- Rudloff, W.K., Freeman, E.S. The effect of defect structure due to doping and irradiation on the thermal decomposition of potassium chlorate 1-26727
- Rudman, P.S. Comment on 'Hydrogen dissolution in magnesium' [and reply] 1-42543
- Rudman, P.S. see Luz, Z. 1-4069
- Rudner, S. see Feldman, M.J. 1-7784
- Rudnev, N.L. see Zikov, V.G. 1-25017
- Rudneva, N.M. see Mikhnevich, V.V. 1-22631
- Rudnevskii, A.N. see Lazareva, L.P. 1-1174
- Rudnick, I. Zero sound and the viscoelasticity of liquid ^4He 1-2740
- Rudnick, J. Mean-field theory of spin-glasses 1-7857
- Rudnick, J. see Jones, T.W. 1-54646
- Rudnicki, J.W. Fracture mechanics applied to the Earth's crust 1-13624
- Rudnicki, K., Zieba, S. Results on the large scale distribution of extragalactic objects obtained by the method of statistical reduction 1-9693
- Rudnik, G.B. see Kashintsev, G.L. 1-54035
- Rudnitskaya, D.I., Berliko, G.A., Zakharova, N.G. Characteristics of the suppression of multiple noise waves under conditions of the West Siberian platform 1-9111
- Rudnitskii, L.A. Work function of a nonideal metal surface. II. Terraced surface and surface made up of microgranules 1-25793
- Rudnitskii, N.M. Certain laws of the fatigue fracture of machine parts strengthened by residual stresses 1-31621
- Rudnitskii, V.A., Meleshko, A.L., Obibok, M.V., Lipodaev, V.N., Morozova, R.I. A magnetic method for the determination of the ferrite content of welded joints in high alloy steels 1-48590
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide steps 1-29406
- Rudolph, H. see Koppelman, G. 1-29407
- Rudolph, H.D. see Demaison, J. 1-24125
- Rudolph, R., Kruger, H., Fellmuth, B., Herrmann, R. Dielectric properties of $\text{Bi}_{1-x}\text{Sb}_x$ alloys at the semiconductor-semimetal transition 1-26112
- Rudnitsky, L.A. see Soboleva, T.N. 1-26785
- Rudoi, V.A. see Medvedevskii, L.I. 1-28526
- Rudolf, G. see Heyder, J. 1-49038
- Rudolph, G. see Brandelik, R. 1-23510, 1-50411
- Rudolph, H. Millimeter-wave mode conversions at dielectric waveguide

- Ruiz de Elvira, A., Aguilar Peris, J. Calculation of time space correlation in neutral fluids in equilibrium and its application to turbulence 1-52030
- Ruiz del Arbol, J.A. *see* Morales, C. 1-9591
- Rujan, P., Williams, G.O., Frisch, H.L., Forgacs, G. Phase diagrams of two-dimensional $Z(q)$ models 1-40725
- Rujimethabhas, M., Crossley, J. Temperature dependence of the electro-optic Kerr effect for liquids at 632.8 nm 1-3367
- Rujimoto, G.T., Umstead, M.E., Lin, M.C. Effects of competitive hydrogen halide elimination on CO production from the reaction of O^2P atoms with propargyl chloride and bromide 1-12976
- Rujula, A. *de* see Rujula, A.
- Rujula, A. *de* see De Rujula, A.
- Rukavishnikov, A.I. *see* Morozov, N.A. 1-37582
- Rukavishnikov, N.N. *see* Kormer, S.V. 1-37511
- Rukhadze, A.A. *see* Al'ter'pork, B.A. 1-25004
- Rukhadze, A.A. *see* Bogdankevich, L.S. 1-1481, 1-24985
- Rukhadze, A.A. *see* Guseva, G.I. 1-25003
- Rukhadze, A.A. *see* Omarov, O.A. 1-24922
- Rukhin, V.B. *see* Dudkin, V.A. 1-24414
- Rukhlin, V.G. *see* Guseva, G.I. 1-25003
- Rukhlyada, N.Y., Trefilov, A.G., Shishkin, B.B. Thermionic emission and structure of hafnium 1-31297
- Rukhovets, L.V. *see* Kurbanov, B.T. 1-40159
- Rukman, G.I. *see* Benditskii, A.A. 1-25711
- Rukmangadachari, E. Dusty viscous flow through the annulus between two coaxial circular cylinders 1-11444
- Rukmangadachari, E. Elastico-viscous fluid flows in ducts 1-51828
- Ruland, F., Griffin, R., Griffin, R., Biehl, D., Holweger, H. Line blocking and equivalent widths in the spectrum of Pollux 1-17822
- Ruland, F., Holweger, H., Griffin, R.R., Biehl, D. Spectroscopic analysis of Pollux relative to the Sun with special reference to Arcturus 1-32700
- Rulev, N.N. Hydrodynamics of a rising bubble 1-51847
- Rulev, Yu.P. *see* Nesterova, S.N. 1-47082
- Rulina, Z.M. *see* Selyavo, A.L. 1-16817
- Ruling Zhou see Zhou Ruling
- Rull, F. *see* Pastor, J.M. 1-31100
- Rullhusen, P. *see* Schumacher, M. 1-10378
- Rullier-Albenque, F., Quere, Y. An experimental argument - in Nb₃Ge - for the Labbe-Barisic-Friedel theory of A-15 superconductors 1-38880
- Rulliere, C., Kottis, P. Two-photon spectroscopy of organic molecules recorded by the fluorescence induced by a picosecond light continuum generated in D₂O 1-10795
- Rumbaugh, C. *see* Sandor, T. 1-39999
- Rumberg, B. *see* Huber, H.-L. 1-39895
- Rumble, E.T. *see* Cole, R.K., Jr. 1-10490
- Rumble, J.R., Jr. *see* Pitchford, L.C. 1-24911
- Rumer, Yu.B. *see* Konopel'chenko, V.G. 1-525
- Rumez, W. Calculating the linear flow inside a braked hollow ball 1-36495
- Rummel, F. *see* Gowd, T.N. 1-22332
- Rummary, T.E., Scott, G.A., Owen, D.G., Tremaine, P.R. Chemical, radiochemical and structural properties of corrosion products on CANDU Monel-400 boiler surfaces 1-23773
- Rummary, T.E. *see* Wikjord, A.G. 1-16951
- Rump, H.-G. River current heat pumps - technology and economic feasibility 1-35679
- Rumpf, F. *see* Bizot, J.C. 1-10243
- Rumpf, H. Vacuum state and particle creation in external electromagnetic fields 1-9895
- Rumpf, M. *see* Aston, D. 1-14399, 1-50442
- Rumpf, W.M. Line formation in winds with enhanced equatorial mass-loss rates and its application to the Wolf-Rayet star HD 50896 1-49669
- Rumsby, P.T. *see* Duncan, C. 1-25062
- Rumsby, P.T. *see* Key, M.H. 1-25013
- Rumsby, P.T. *see* Lewis, C.L. 1-29915
- Rumsby, P.T. *see* Lin, Z. 1-46465
- Rumyantsev, A.A. Multiphoton processes and non-linear effects of electromagnetic wave propagation in a plasma 1-42178
- Rumyantsev, A.A. *see* Gurevich, L.E. 1-17743
- Rumyantsev, A.Yu. *see* Dorner, B. 1-42487
- Rumyantsev, B.M. *see* Balabanov, E.I. 1-48707
- Rumyantsev, E.L. *see* Cherapanov, V.I. 1-30335
- Rumyantsev, E.M., Nevskii, O.I., Volkov, V.I., Grishina, E.P., Lilin, S.A. On the influence of surface films on the nature of the anodic solution of metals at high current densities 1-43587
- Rumyantsev, S.A. *see* Smirnov, V.S. 1-40268
- Rumyantsev, V.V. *see* Koroblev, V.V. 1-26321
- Rumyantseva, V.M. *see* Vergazov, A.N. 1-26543
- Rumyskaya, I.G. *see* Denisov, G.S. 1-1232
- Run-heng Huang *see* Huang Run-heng
- Runca, E. *see* Bonino, G. 1-48933
- Runchal, A., Maini, T. The impact of a high level nuclear waste repository on the regional ground water flow 1-43845
- Runciman, W.A. *see* Manson, N.B. 1-21176
- Runcorn, S.K. The geophysical interpretation of changes in the length of the day and polar motion 1-49246
- Runcorn, S.K., Collinson, D.W., Stephenson, A. Palaeomagnetism and planetology 1-54403
- Rundkvist, N.A. *see* Bityukov, S.M. 1-43338
- Rundle, J.B. Static elastic-gravitational deformation of a layered half space by point couple sources 1-22284
- Rundle, J.B. *see* Thatcher, W. 1-27140
- Rundqvist, S. *see* Chandra, R. 1-26087
- Runge, K. *see* Bamberger, A. 1-14417
- Runkle, G.E., Snipes, M.B., McClellan, R.O., Cud-dihy, R.G. Metabolism and dosimetry of inhaled ¹⁰⁸RuO₄ in Fischer-344 rats 1-9045
- Runnels, L.K., Lebowitz, J.L. Circle theorem for hard-core binary lattice gases 1-9957
- Runolfsson, O. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Runolfsson, O. *see* Hammarstrom, R. 1-14739, 1-14746
- Runt, J., Harrison, I.R., Dobson, S. Heat of fusion of polyethylene crystal suspensions: variation with crystallization temperature 1-7300
- Runt, J. *see* Harrison, I.R. 1-7299, 1-52261
- Runtso, M.F. *see* Bondarenko, V.G. 1-36185
- Ruo-Zhuang Liu *see* Liu Ruo-Zhuang
- Ruoff, A. *see* Burger, H. 1-51203
- Ruoff, A.L. Megabar pressures in submicron volumes 1-28003
- Ruoff, A.L. Estimation of uncertainty in isotherms deduced from Hugoniot results from shock-wave generated defects 1-42464
- Ruonan Guan *see* Guan Ruonan
- Rupasov, A.A. *see* Erokhin, A.A. 1-11601
- Rupasov, A.A. *see* Vasin, B.L. 1-44923
- Rupasov, V.I. *see* Agranovich, V.M. 1-12559
- Rupert, A. *see* Haridoss, S. 1-38594
- Rupf-Bolz, N. *see* Rosa, C.J. 1-39316
- Rupnik, K. *see* Maksic, Z.B. 1-6154
- Rupnik, Z. *see* Budnar, M. 1-28134
- Rupp, B.A. *see* Clauer, C.K. 1-9056
- Rupp, G., McNiff, E.J., Jr., Foner, S. Upper critical field in multifilamentary Nb₃Sn conductors 1-47823
- Rupp, G. *see* LeHuy, H. 1-47830
- Rupp, H. *see* Gudenau, H.W. 1-31828, 1-43370
- Ruppe, H.O., Hayn, D., Braitering, M., Schumucker, R.H. A nuclear waste deposit in space - the ultimate solution for low-cost and safe disposal 1-50893
- Ruppeiner, G., Ryschkevitch, M., Meyer, H. Transport phenomena in He³-He⁴ mixtures near the tricritical point 1-16134
- Ruppersberg, H. *see* Chieux, P. 1-30032
- Ruppersberg, H. *see* Soltwisch, M. 1-25146
- Ruppert, U. *see* Chikaba, J. 1-47801
- Ruppert, U. *see* Denner, H.D. 1-44938
- Ruprecht, P. *see* Cornils, B. 1-17145
- Ruquist, R. Variable atmosphere effects on high energy laser propagation 1-40196
- Rus, E. *see* Pop, I. 1-31046
- Rusack, R.W. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Rusaikin, M.P. *see* Chernov, A.A. 1-7104
- Rusakov, O.M. *see* Budanov, V.G. 1-22184
- Rusakov, O.M. *see* Bur'yanov, V.B. 1-4472
- Rusakov, O.M. *see* Kozlenko, V.G. 1-22183
- Rusakov, S. *see* Faissler, W. 1-45351
- Rusanenko, V.V., Perkas, M.D., Shaposhnikov, N.G., Edneral, A.F. Kinetics of martensite in Fe-Ni-Ta and Fe-Ni-Ta-Co alloys 1-3738
- Rusanenko, V.V., Perkas, M.D., Shaposhnikov, N.G., Edneral, A.F. Ageing of Fe-Ni-Nb and Fe-Ni-Nb-Co alloys martensite 1-48380
- Rusanenko, V.V. *see* Belen'kii, A.Ya. 1-26516
- Rusanov, A.I. Thermodynamics of curved surfaces in the presence of an electric field. II. Effect of field and surface curvature on fundamental parameters of two-phase equilibrium 1-16012
- Rusanov, A.I. Thermodynamics of curved surfaces in the presence of an electric field. I. Surface tension, surface polarization, and fundamental equations 1-16143
- Rusanov, A.I. Thermodynamics of curved surfaces in the presence of an electric field. III. Nucleation at charged centers 1-16144
- Rusanov, P.G. Conditions of simple connection of the region of contact of solids of rotation with deviations of shape 1-49935
- Rusanov, S.Yu. *see* Kel'balikhanov, B.F. 1-54275
- Rusanov, V.D. *see* Legasov, V.A. 1-29931
- Rusanov, V.D. *see* Sholin, G.V. 1-41681
- Rusanov, V.L. *see* Macheret, S.O. 1-42132
- Rusanov, V.P. *see* Ogorodnikov, V.I. 1-4492
- Rusanova, L.N., Gorchakova, L.I. Nitriding kinetics of amorphous boron in the BN-B system 1-39294
- Rusanova, L.N., Gorchakova, L.I., Romashin, A.G. Reactive sintering of boron nitride 1-21400
- Rusanovskii, M.E., Samus', I.D., Kiseleva, I.N., Belov, N.V. Crystal structure of rhodium (III) trithioemicarbazide chloride [Rh(thios)₃]Cl₃ 1-20178
- Rusbridge, M.G. *see* Carter, P.S. 1-19958
- Rusbuldt, D. *see* Behrlich, R. 1-26335
- Rusbuldt, D. *see* Hintz, E. 1-26336
- Rusbuldt, D. *see* Schweer, B. 1-25058
- Rusby, R.L. *see* Soulen, R.J., Jr. 1-9982
- Rusch, P., Obrecht, B., Kopp, C. Interpretation of the blood mechanical transfer function by a parametrical model 1-35803
- Rusch, P. *see* Obrecht, B. 1-40030
- Rusch, R. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Ruschenplatt, G. *see* Kippenhahn, R. 1-27481, 1-27482
- Ruschin, S., Bauer, S.H. Bistability of a CO₂ laser with SF₆ intracavity as an absorber: transient effects 1-33651
- Ruschitzka, G. *see* Tegenfeldt, J. 1-16489
- Rusck, S. *see* Vlastos, A.E. 1-11502, 1-19995
- Rusconi, L., Sedmak, G., Stalio, R., Arpigny, C. A study of H₂ profile variations in κ Orionis, B0.5 Ia 1-17839
- Rusek, K. *see* Zupranska, E. 1-23649
- Rusek, P. Quantum theory of spin waves in spin glass 1-25920
- Rusev, D.S., Khristov, I.Ya., Trifonov, I.A. Bulgarian made hard magnetic materials demagnetisation curves approximation 1-47904
- Rush, C.M., Snyder, A.L., Ziemba, E., Patterson, V., Tascione, T., Nelson, D. Satellite measurements of the HF radio environment in the topside ionosphere 1-32579
- Rush, C.M. *see* Santimay Basu 1-4693
- Rush, J.J., Rowe, J.M., Maeland, A.J. Neutron scattering study of hydrogen vibrations in polycrystalline and glassy TiCuH 1-7276
- Rush, J.J. *see* Kelley, R.D. 1-2799
- Rush, P. Adding speech synthesis 1-1782
- Rush, S. *see* Baldwin, A.F., III 1-32276
- Rushailo, A.M. *see* Vatazhin, A.B. 1-34023
- Rushbrooke, J.G. *see* Eskreys, A. 1-594
- Rushforth, C.K., Frost, R.L. Comparison of some algorithms for reconstructing space-limited images 1-41608
- Rushforth, C.K., Frost, R.L. Iterative reconstruction of space-limited images 1-51389
- Rushon, J.E. *see* Ricci, E. 1-14633
- Rusinek, H., Reich, T., Youdin, M., Clagnaz, M., Kolwicz, R. An ultrapermeable germanium detector array for quantitating three-dimensional distribution of a radionuclide: a study of phantoms 1-13317
- Rusinov, M.B. *see* Ochkur, A.P. 1-27276
- Ruskol, E.L. Initial temperature distribution in the moon 1-4795
- Ruskov, T. *see* Asenov, S. 1-16512
- Ruskov, T.H. *see* Nikolov, O.N. 1-34880
- Ruskov, G.I. *see* Krylekov, V.I. 1-30989
- Russ, D.F. *see* Zoback, M.D. 1-35959
- Russ, J.C. Variation in X-ray intensity ratios used to identify asbestos fibers 1-4141
- Russ, J.C., Hare, T.M. Quantitative X-ray microanalysis on surfaces with unknown orientation 1-18344
- Russ, J.S. *see* Bionta, R.M. 1-28342
- Russ, R.M. *see* VanSant, J.H. 1-45737
- Russeger, P. *see* Bruhlmann, U. 1-6302
- Russek, A., Kimball, D.B., Jr., Cavagnero, M.J. Angular-momentum effects in atom-atom scattering 1-24128
- Russell, G.A., Hiltner, P.A., Gregonis, D.E., deVisser, A.C., Andrade, J.D. Thermal and dynamic mechanical relaxation behavior of stereoregular poly(2-hydroxyethyl methacrylate) 1-16522
- Russell, W.B., Glendinning, A.B. The effective diffusion coefficient detected by dynamic light scattering 1-48740
- Russell, B.R. *see* Altenloh, D.D. 1-29009
- Russell, C.T. *see* Elphic, R.C. 1-4803
- Russell, C.T. *see* Hoppe, M. 1-9331
- Russell, C.T. *see* Luhmann, J.G. 1-36206
- Russell, D.A., Hanson, J.D., Ott, E. Dimension of strange attractors 1-19905
- Russell, D.A. *see* Tuzla, K. 1-46769
- Russell, D.A.M. *see* Folkes, M.J. 1-35276
- Russell, D.S. *see* Segar, D.A. 1-21800
- Russell, D.S. *see* Sturgeon, R.E. 1-21797
- Russell, G.H. *see* Brockman, R.H. 1-34760
- Russell, H.H., III, Ott, W.R. The effect of batch prereaction on some zinc opal glasses 1-30358
- Russell, H.H., III, Ott, W.R. Thermal analysis of a zinc opal glass batch 1-31429
- Russell, J., Gatewood, G. The triple system Gliese 815 (Furujelm 54): an astrometric study 1-9570
- Russell, J. *see* Hutchinson, D.A. 1-6405, 1-29004
- Russell, J.A. Spectral-height relations in Perseid meteors 1-49578
- Russell, J.J. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Russell, J.J. *see* Bionta, R.M. 1-28342
- Russell, K.C. Nucleation in solids: the induction and steady state effects 1-15822
- Russell, K.C. *see* Hadji-Mirzai, M. 1-11786

- Russell, K.C. *see* Lee, J.K. 1-26562
- Russell, K.S. Comet Russell (1980) 1-4825
- Russell, K.S., Marsden, B.G. Periodic Comet Russell 2 (1980) 1-4826
- Russell, K.S., Marsden, B.G. Comet Russell (1980) 1-4827
- Russell, K.S., Marsden, B.G. Periodic Comet Russell 2 (1980) 1-4828
- Russell, M.C.B. Development of instrumentation for nondestructive testing 1-53397
- Russell, N.E., Garland, J.C., Tanner, D.B. Absorption of far-infrared radiation by random metal particle composites 1-39096
- Russell, N.R. *see* Morton-Blake, D.A. 1-41289
- Russell, P.B. *see* Latshaw, G.L. 1-16507
- Russell, P.M. *see* Pohlman, S.L. 1-12913
- Russell, P.S.T. Volume holographic finite-beam conversion with perfect fidelity 1-1518
- Russell, P.S.T.J., Solymar, L., Jordan, M.P. Bornmann-like effects in volume holography 1-1526
- Russell, R.D. *see* Zambresky, L.F. 1-4639
- Russell, R.W., Melnick, G., Gull, G.E., Harwit, M. Detection of the 157 micron (1910 GHz) [C II] emission line from the interstellar gas complexes NGC 2024 and M42 1-4956
- Russell, R.W. *see* Gull, G.E. 1-9621
- Russell, R.W. *see* Melnick, G. 1-49744
- Russell, S.B. *see* Campbell, J.L. 1-27931
- Russell, S.J., Kang-Hai Tan, Taylor, M.J. Vibrational spectra of mercury (II) dihydrogen phosphate, mercury (II) phosphate and mercury (I) selenate 1-21194
- Russell, T.D. *see* Kenny, J.E. 1-10800
- Russell, W.A., Papanastassiou, D.A., Tombrello, T.A. The fractionation of Ca isotopes by sputtering 1-54404
- Russell Sopka, K. The discovery of the Hall effect: Edwin Hall's hitherto unpublished account 1-32831
- Russell-Cowan, A. Every man's solar energy 1-39829
- Russer, P. *see* Bohm, K. 1-41860
- Russev, P., Mitewa, M., Bontchev, P.R. EPR study on Cr(V)-oxalate complexes in nonaqueous medium 1-52835
- Russo, F.A. *see* Elner, N.B. 1-48884
- Russo, G. *see* Alba, R. 1-50675
- Russo, N. *see* Barone, V. 1-51115
- Russo, N. *see* Chidichimo, G. 1-19114
- Russo, P.A., Hsue, S.-T., Langner, D.G., Sprinkle, J.K., Jr. Nuclear safeguards applications of energy-dispersive absorption edge densitometry 1-14634
- Russo, P.A. *see* Hsue, S.-T. 1-18872
- Russo, R. *see* De Candia, F. 1-43362
- Russo, S. *see* Acerno, D. 1-34391
- Russo, V. *see* Brenci, M. 1-17064
- Russo, V. *see* de Rosa, A. 1-51767
- Russo, V. *see* de Rosa, A. 1-14511
- Russo, V. *see* Sottini, S. 1-15287
- Russo, E.V. *see* Akhmedov, D. 1-51484
- Russwurm, G.M. *see* McLennny, W.A. 1-45025
- Rust, D. *see* Henaux, J.C. 1-32680
- Rust, D.R. *see* Corcoran, M. 1-33204
- Rust, H.-F. *see* Hermann, K.-H. 1-50279
- Rust, J.H. *see* Bratianu, C. 1-46720
- Rust, J.H. *see* Kim, R.L. 1-36984
- Rustagi, S.C., Chatopadhyaya, S.K. Analysis of the space-charge region of an asymmetrically graded p-n junction 1-12182
- Rustamov, A.G. *see* Nasibov, I.I. 1-53162
- Rustamov, A.G. *see* Nasibov, I.O. 1-8283
- Rustamov, P.G. *see* Safarov, M.G. 1-34730
- Rustamov, S.H. *see* Dekhtyar, I.Ya. 1-12597
- Rustan, P.L., Uman, M.A. Charge distribution in lightning flashes 1-22480
- Rustan, P.L., Uman, M.A., Childers, D.G., Beasley, W.H., Lennon, C.I. Lightning source locations from VHF radiation data for a flash at Kennedy Space Center 1-13538
- Ruster, R., Czechowsky, P., Schmidt, G. VHF-radar measurements of dynamical processes in the stratosphere and mesosphere 1-36036
- Rustgi, M.L., Turner, J.E., Leung, P.T. Stopping power of matter for alpha particles at extreme relativistic energies 1-18989
- Rustichelli, F. *see* Bouef, A. 1-47060
- Rutz, I. *see* Grigoros, S. 1-1113
- Rutar, V., Blinc, R., Ehrenberg, L. Protein content determination in solid organic materials by proton-enhanced magic angle sample spinning ^{13}C NMR 1-17134
- Rutberg, F.G. *see* Borodin, V.S. 1-31944
- Rutberg, Ph.G. *see* Glebov, I.A. 1-15628
- Rute, L. On the determination of the polytypic specific heat 1-205
- Ruterbusch, P.H. *see* Yu, F.T.S. 1-6524
- Ruterjans, H. *see* Hanssum, H. 1-313
- Ruth, J., Westphal, W. Satellite power systems for West Europe—problems and solution proposals 1-13107
- Ruth, J. *see* Westphal, W. 1-49472
- Ruth, V. *see* Chistyakov, Yu.D. 1-38311
- Ruthardt, R. *see* Wahlster, M. 1-53120
- Rutherford, H., Soutar, I. Phosphorescence studies of relaxation effects in bulk polymers. II. Emission depolarization study of relaxation mechanisms in poly(methyl methacrylate) 1-3809
- Rutherford, J.A., Vroom, D.A. Charge transfer cross sections for Hg^+ , Xe^+ , and Cs^+ in collision with various metals and carbon 1-37323
- Rutherford, J.L. *see* Hughes, E.J. 1-8380
- Rutherford, P. The Tokamak: 1955-80 1-6994
- Rutili, A. *see* Bartalucci, S. 1-28793
- Rutkauskas, V.J. *see* Arneson, S.O. 1-23768
- Rutkevich, I.M. *see* Bychkova, L.P. 1-32035
- Rutkevich, N.Ya. *see* Shumilov, S.N. 1-50611
- Rutkevich, S.B. *see* Gurzhi, R.N. 1-2937
- Rutkin, O.G. *see* Bakshi, F.G. 1-25064
- Rutkovskii, A.I. *see* Belyakov, S.A. 1-9336
- Rutkowski, M.J. *see* Hoa, S.V. 1-24731
- Rutkowski, W., Weglinski, B. Phosphorus and its influence on properties of magnetically soft sinter 1-39476
- Rutkowsky, J., Drost, H., Spangenberg, H.-J. Investigation of the inelastic interaction of slow monoenergetic electrons with simple hydrocarbon molecules. I. Dependence of the electron attachment cross sections on electron energy and on molecular structure 1-1389
- Rutledge, C.W. *see* Menzies, R.T. 1-49403
- Rutledge, D.B., Schwarz, S.E. Planar multimode detector arrays for infrared and millimeter-wave applications 1-45017
- Rutledge, L.L. *see* Raghunathan, K. 1-18660
- Rutledge, L.L., Jr. *see* Bowles, T.J. 1-41144
- Rutman, D.S. *see* Toropov, Yu.S. 1-31399
- Rutman, J. *see* Clairon, A. 1-36633
- Rutscher, A. *see* Michel, P. 1-2152, 1-6927, 1-34133
- Rutscher, A. *see* Pfau, S. 1-15678
- Rutschmann, J. *see* Cleland, W.E. 1-23522, 1-45360
- Rutskii, A.I., Skvarko, E.A., Silyuk, S.M. The demand for reactive power in circuits involving steel 1-10883
- Rutt, G.S. *see* Crosier, W.G. 1-40022
- Rutt, H.N. Optically pumped laser action in perchloryl fluoride 1-6542
- Rutt, H.N. Development of the C_2D_2 laser: high energy, line-tuned and 13C isotopic operation 1-46316
- Rutt, H.N. *see* Gatenby, P.V. 1-29295
- Rutten, A.J., Holthuijsen, A., Botje, M.A.J., van Zwol, N.A., van Middelkoop, G. A plunger with inchworm positioning and interferometer distance readout for recoil-distance measurements 1-45801
- Rutten, A.J. *see* Kalish, R. 1-16267
- Rutten, R.J. *see* Cram, L.E. 1-32671
- Rutter, G.G.R. Darkroom exposure meter and enlarger timer 1-18317
- Rutter, G.H., Milet, B., Green, D.W.E. Comet Panther (1980) 1-36222
- Ruttimann, U.E. *see* Borjesson, P. 1-22148
- Ruus, R.E. *see* Maiste, A.A. 1-26371
- Ruuskanen, P. *see* Ketunen, P. 1-30988
- Ruvo, A.D. *see* De Ruvo, A.
- Ruyven, J.J. Van *see* Van Ruyven, J.J.
- Ruzankin, S.F. Program for carrying out calculations for molecules and clusters by the X_α -scattered wave method 1-6130
- Ruzankin, S.F., Avdeev, V.I. Specification of the boundary conditions in the X_α -scattered wave method 1-7504
- Ruzhichkova, Ya. *see* Gurov, K.P. 1-11897
- Ruzhin, Yu.Ya. *see* Charles, G. 1-44377
- Ruzhin, Yu.Ya. *see* Izhochkina, N.I. 1-44378
- Ruzhin, Yu.Ya. *see* Mishin, E.V. 1-44371, 1-44381
- Ruzhinskii, L.N., Cheremisinov, I.Ya., Gruboi, A.P. Eddy currents and losses in screened covers of nonrotating synchronous generators 1-33594
- Ruzickova-Topolova, B. *see* Kopecky, M. 1-40453
- Ruzickova-Topolova, B. *see* Letfus, V. 1-32683
- Ruzinski, M. Influence of contacts and electrode adjacent regions on electric properties of insulation and semiconductor films in thin-film structures 1-3058
- Ruzinsky, M. The MISIM Si solar cells 1-4196
- Ruzinsky, M., Saly, V., Dubnicka, M. The effect of temperature on the dielectric properties of poly-Si-SiO₂-Si structures 1-52893
- Ruzinsky, M. *see* Hradsky, S. 1-3077
- Ruzmaikin, A.A., Sokolov, D.D., Shukurov, A.M. A disk dynamo with concentrated spirality 1-19983
- Ruzmaikin, A.A., Sokolov, D.D., Turchaninov, V.I. The turbulent dynamo in a disk 1-13683
- Ruzov, V.P. *see* Popov, K.G. 1-33426
- Ruzyllo, J. *see* Krawczyk, S. 1-39771
- Ruzyllo, J. *see* Majkusiak, B. 1-3069
- Ryachev, V.P., Vertyachikh, S.M., Godlevskaya, A.N., Titova, N.N. Measurement of the scattering coefficients of slightly turbid specimens with the integrating photometer 1-44983
- Ryabchenko, S.M. *see* Komarov, A.V. 1-12042, 1-31132
- Ryabchikov, A.I. *see* Didenko, A.N. 1-987
- Ryabchikov, E.A. *see* Mardyan, M.G. 1-16986
- Ryabikh, Yu.I., Fabrikant, I.I. Partial-wave analysis of low-energy electron scattering by aluminum atoms 1-33567
- Ryabikov, S.V. *see* Abrosimov, N.V. 1-31335
- Ryabin, I.V. *see* Kisil', Yu.K. 1-39599
- Ryabinin, L.V. *see* Mokrov, V.G. 1-3522, 1-21286
- Ryabinin, V.E. A model of non-stationary thermohaline circulation in the ocean of finite depth 1-54108
- Ryabinin, Yu.N. *see* Markov, V.K. 1-13452
- Ryaboi, A.Ya. *see* Alyab'ev, A.Ya. 1-31752
- Ryaboi, V.M. *see* Genkin, M.D. 1-37691
- Ryabokobylko, Yu.S., Petrova, G.S., Parbizina, I.L., Glushko, V.I., Kaslina, N.A. ^1H and ^{13}C NMR spectroscopic determination of the configuration of 1,2-cyclohexanediol dioxime and 1,2,3-cyclohexanetriol dioxime 1-6284
- Ryaboshapka, K.P. *see* Karasevskaya, O.P. 1-25274
- Ryabov, E.A. *see* Bagratashvili, V.N. 1-6329, 1-51213
- Ryabov, E.A. *see* Koliinskii, Yu.R. 1-33522
- Ryabov, V.A. *see* Bormani, V.D. 1-11424, 1-29823
- Ryabov, V.L. *see* Altarev, I.S. 1-28774
- Ryabov, V.P. *see* Balayan, G.D. 1-40888
- Ryabov, V.P. *see* Maiboroda, V.G. 1-28096
- Ryabov, V.V. Numerical investigation of the flow of nitrogen past a sphere with allowance for rotational relaxation 1-51805
- Ryabov, Yu.A., Shibayeva, L.V., Yakovlev, S.G., Yastrebov, A.A. Night profiles of electron density and the role of corpuscular streams in the ionization of the nighttime ionosphere 1-27329
- Ryabova, L.A. *see* Grigor'yants, V.V. 1-33657
- Ryabova, L.A. *see* Serbinov, I.A. 1-34629
- Ryabova, N.A. *see* Kaufman, P.N. 1-24984
- Ryabova, N.L. *see* Zaitsev, V.E. 1-48049
- Ryabova, R.V. *see* Bayanov, V.I. 1-37441
- Ryabova, R.V. *see* Vlasov, N.G. 1-36732
- Ryabov, A.A. *see* Kvasha, A.N. 1-16821
- Ryabtsen, A.N. *see* Ramonas, A.E. 1-19059, 1-33419
- Ryabtsen, G.I. *see* Borisenko, V.E. 1-51518
- Ryabtsen, G.I. *see* Kononenko, V.K. 1-41704
- Ryabukha, Yu.N. Oscillation of a cylindrical body close to a plane boundary 1-24742
- Ryabukh, Yu.I. Excitation of aluminum atoms by electron impact 1-15014
- Ryadov, A.A. *see* Kochubei, A.A. 1-46744
- Ryadskii, V.N. *see* Kuz'miruk, A.I. 1-26688
- Ryall, A.S., Van Wormer, J.D. Estimation of maximum magnitude and recommended seismic zone changes in the western Great Basin 1-49217
- Ryall, A.S. *see* Van Wormer, J.D. 1-49216
- Ryan, A.P. *see* Kinney, J.A.S. 1-17379
- Ryan, C.E., Jr., Cain, F.L., Wang, J.J.H., Cowen, B.J., Cooke, W.P. Electromagnetic models for antenna performance, EMC, and biological effects 1-17455
- Ryan, D.G. *see* Faislav, W. 1-45351
- Ryan, D.P. *see* McLaughlin, P.O. 1-51589
- Ryan, E.A., Jackson, J.J., Lwin, Y.N. Defect production and recovery of electron irradiated mercury 1-47337
- Ryan, F.M. *see* Sinarhoy, S. 1-47337
- Ryan, H.M., Harris, T., Nixon, J. Further breakdown characteristics in SF_6 and SF_6/N_2 mixtures 1-11498
- Ryan, H.M. *see* Powell, C. 1-15590
- Ryan, J. *see* Kirchner, P.T. 1-32242
- Ryan, J.F. *see* West, C.J. 1-12569
- Ryan, J.M. *see* Cherry, M.L. 1-49492
- Ryan, J.P., Jackson, L. Advances in ultraviolet laser design 1-37508
- Ryan, J.W. *see* Robertson, D.S. 1-44085
- Ryan, L. *see* Cirillo, A.C., Jr. 1-7966
- Ryan, L.M. *see* Cheung, T.T.P. 1-31051
- Ryan, L.M. *see* Taylor, R.E. 1-31040
- Ryan, M.P., Jr. *see* Breuer, R.A. 1-44815
- Ryan, P.M. *see* Menon, M.M. 1-985
- Ryan, R. *see* Sanna, R.S. 1-18908
- Ryan, R.M. *see* Hajnal, F. 1-28737
- Ryan, T.G. *see* Davies, D.E. 1-7187
- Ryan, T.G. *see* Eirug, Davies, D. 1-15928
- Ryan, T.L. *see* Johnson, R.L. 1-990
- Ryang, S. *see* Kanki, T. 1-302
- Ryazanzov, A.V. *see* Maksimov, L.A. 1-34346
- Ryazanov, S.I. *see* Filatov, N.N. 1-40148
- Ryashchikov, V.I. *see* Stroikovskii, A.K. 1-51041
- Rysin, G.V. *see* Gurkova, S.N. 1-25250
- Ryasinakaya, N.K., Zavlin, P.M., Krasnyi-Admoni, L.V. Composition of a color image formed in the process of catalytic formation of dyes on silver centres 1-28106
- Ryatsen, A.Ya. *see* Volod'ko, L.V. 1-43116

- Ryazanov, A.I., Metelkin, E.V. Concerning the theory of radiation cascades of atomic collisions in a solid with an arbitrary interatomic interaction potential 1-52174
- Ryazanov, M.I. see Lyapidevskii, V.K. 1-26275
- Ryazanov, M.I. see Remizovich, V.S. 1-31265
- Ryazantsev, A.D. see Arsenov, P.A. 1-39142
- Ryazantsev, Y.S. see Gupalo, Y.P. 1-24778
- Ryazantsev, Yu.S. see Astavin, V.S. 1-19809
- Ryazin, A.P. Ionizational instability of a shock wave in xenon 1-42070
- Ryba-Romanowski, W., Mazurak, Z., Jezowska-Trzebiatowska, B., Schultz, D., Waligora, Ch. Growth and spectroscopic properties of LiErP_2O_7 single crystals 1-26380
- Rybakov, A.B. see Kramarov, M.A. 1-3933, 1-43497
- Rybakov, A.I., Kalinina, E.P. On the secular variation of the angular velocity of rotation of the Earth about its axis 1-13382
- Rybakov, A.V. see Bykovskii, Yu.A. 1-24535
- Rybakov, B.S. Spectral analysis of USW signal level in long-distance tropospheric propagation over the sea [ultrashort radiowave propagation] 1-13557
- Rybakov, L.S. see Obraztsov, I.F. 1-19654
- Rybakov, N.I. A method for mathematically designing gas bearings for rotating mirrors 1-28094
- Rybakov, S.V., Goikhman, M.S., Shatinskii, V.F. Use of diffusion coatings to raise the high-temperature resistance of niobium alloys 1-3987
- Rybakov, S.V. see Goikhman, M.S. 1-35438
- Rybakov, V.A. see Markovich, I.E. 1-11562
- Rybakov, V.B. see Aslanov, I.A. 1-29137
- Rybakov, V.G. see Dunaitzev, A.F. 1-14776
- Rybakova, E.V. see Kopernikova, V.N. 1-16783
- Rybakova, L.M., Kuksenova, L.I., Samylin, V.M. Effect of diffusional redistribution of alloying elements on the wear resistance of copper alloys 1-16899
- Rybakova, L.M. see Kragelskii, I.V. 1-21595
- Rybal'chenko, I.L. see Sedov, V.M. 1-28528
- Rybal'chenko, I.F., Yanson, I.K., Bobrov, N.L., Fisun, V.V. Microcontact spectroscopy of tantalum, molybdenum, and tungsten 1-47805
- Rybal'chenko, R.V. see Gorbacheva, T.B. 1-20412
- Rybal'ka, A.I. see Miloslavskii, V.K. 1-8148
- Rybal'ko, A.S. see Escl'son, B.N. 1-2729, 1-2730
- Rybal'ko, A.V., Zaidman, G.N., Domante, G.S. Pulsed high power electrochemical treatment 1-43594
- Rybal'ko, A.V. see Kirienko, G.P. 1-43623
- Rybal'ko, G.I. see Gaidyalis, V.I. 1-23358
- Rybal'ko, V.F. see Voitsenya, V.S. 1-25048
- Rybalov, M.B. see Egorkin, A.V. 1-54012
- Rybal'tsovskii, A.O. see Denker, B.I. 1-43010
- Rybansky, M. Photometry of the monochromatic corona 530.3 nm observed at Lomnický štít on Feb. 16, 1980 1-40454
- Ryberg, R. see Persson, B.N.J. 1-28971
- Rybicki, E.F., McGuire, P.A. Computation studies on controlling residual stress by induction heating 1-45625
- Rybicki, G.B. see Flannery, B.P. 1-54362
- Rybicki, K. see Chabaud, V. 1-50468
- Rybicki, K. see Chabaud, V. 1-10392
- Rybicki, K. see Daum, C. 1-14424, 1-28357
- Rybicki, K. see Gorlich, L. 1-5656
- Rybin, A.A. Device for measuring adhesion strength 1-53376
- Rybin, A.A. see Golderman, M.A. 1-12951
- Rybin, A.A. see Kostrov, V.I. 1-21672
- Rybin, A.M. see Ajinenko, I.V. 1-23525
- Rybin, A.M. see Chliapnikov, P.V. 1-599, 1-36886
- Rybin, R.A. see Andreev, P.A. 1-28568
- Rybin, V.M. see Protasov, A.K. 1-44955
- Rybin, V.V., Voronina, E.V. Orientational matrices in transmission electron microscopy 1-25128
- Rybin, V.V. see Grazhdankina, N.P. 1-30942
- Rybin, V.V. see Nesterova, E.V. 1-39416
- Rybin, V.V. see Vergazov, A.N. 1-26543
- Rybin, Yu. see Roitman, M. 1-28030
- Rybka, C. see Goworek, T. 1-11788
- Rybka, S.P., Yatsenko, A.I. Comparison of the accuracy of measurements of the stellar and galaxy images on the plates taken with the wide-angle and long-focus astrophotographs of the Main Astronomical Observatory (Kiev) 1-49476
- Rybin, Yu.Ya., Gusarov, A.V., Gorokhov, L.N. Mass-spectrometric study of ion-molecular equilibria in rubidium iodide vapor 1-4140
- Rybnieck, J. Corpuscular diagnostics of a hollow-cathode discharge. III. The metal-ions-regime evolution 1-29933
- Rybniak, A.A., Zhurov, A.P., Zaitsev, G.Z., Ozer'skii, V.I. Installation for checking the frequency of cyclic loading in fatigue tests of metals 1-21666
- Ryc, L. see Kaliski, S. 1-34095
- Rychkov, A.D. Numerical investigation of two-phase flows in axisymmetric Laval nozzles with allowance for processes of coagulation and division of condensed particles 1-33996
- Rychlewski, J. An accurate calculation of the polarizability of the hydrogen molecule and its dependence on rotation, vibration and isotopic substitution 1-24055
- Rychlewski, J., Raynes, W.T. An accurate calculation of the magnetizability of the hydrogen molecule and its dependence on rotation, vibration and isotopic substitution 1-24056
- Rychly, R. see Pekarek, V. 1-39670
- Rydbek, G. see Eldler, J. 1-49774
- Rydbek, G. see Rydbek, O.E.H. 1-49838
- Rydbek, O.E.H., Hjalmarson, A., Rydbek, G., Eldler, J., Olofsson, H., Sume, A. Onsala high spatial resolution observations of HCN, HCO^+ , and their isotopes in Orion A 1-49838
- Rydbek, O.E.H. see Eldler, J. 1-49774
- Rydbek, B. Detection of induced DNA strand breaks with improved sensitivity in human cells 1-22174
- Rydelek, P.A. see Knopoff, L. 1-35931
- Rydelek, P.A. see Zurn, W. 1-35946
- Ryder, G. see Norman, M. 1-49545
- Ryder, L. Particles, quarks, leptons and coloured glue 1-5571
- Ryder, P.L. see Becker, R. 1-43298
- Rydgren, A.E. see Marraco, H.G. 1-40536
- Rydin, R.A. Implementation of a multigroup, coarse-mesh R₀Z diffusion theory method 1-45572
- Rydz, M. On the state of water in aqueous solutions of proteins: a model of continuous distribution of correlation times 1-39870
- Rye, D.M. see Lattanzi, P. 1-40126
- Rye, R.R., Jennison, D.R., Houston, J.E. Auger spectra of alkanes 1-37268
- Rye, R.R. see Houston, J.E. 1-37269
- Rye, R.R. see Jennison, D.R. 1-41436
- Rye, T.V. see Offenhardt, P.O.D. 1-48892
- Ryen, N. see Eriksen, M. 1-19441
- Ryhming, L., Cooper, G.A., Berlie, J. A novel concept for a rock-breaking machine. I. Theoretical consideration and model experiments 1-17022
- Rykaczewski, H. see Barber, D.P. 1-14407
- Rykaczewski, H. see Barber, D.P. 1-534, 1-28309
- Rykkalin, N.N., Erokhin, A.A., Dobrovolski, I.P., Salieva, O.G., Pirch, I.I. Arc plasma gas absorption by a metal taking into account radial temperature and concentration distributions 1-2801
- Rykov, S.V., Skakovskii, E.D., Turetskaya, E.A. Estimation of g factor of acetyloxy radical by chemical polarization of nuclei 1-19122
- Rykova, L.A., Kiprianova, L.A., Gragerov, I.P. The influence of the nature of the solvent and quinone on the kinetics of the oxidation of phenylhydrazine by quinones 1-39628
- Rykova, T.S., Borisova, Z.U. Electrical conductivity of glasses in the Ag-As-Se system containing a low Ag concentration 1-38780
- Rykun, E.P. see Levinson, D.I. 1-31242
- Rylander, R., Bjorkman, M., Ahrlin, U., Sorensen, S., Berglund, K. Aircraft noise annoyance contours: importance of overflight frequency and noise level 1-6713
- Rylik, A.S. see Brandt, N.B. 1-47457
- Ryl'nikov, A.S. see Grushko, A.I. 1-41339
- Rylov, V.S. see Barinov, V.K. 1-9382
- Rylov, V.S. see Burenkov, A.N. 1-6191
- Rylov, V.S. see Butslov, M.M. 1-36184
- Rylov, Yu.A. Quantum mechanics as relativistic statistics. III. A relativistic particle in two dimensional spacetime 1-40665
- Ryman, A. see Rowe, D.J. 1-18074
- Ryman, J.C., Faw, R.E., Shultis, J.K. Air-ground interface effect on gamma-ray submersion dose 1-18916
- Rymashevskii, G.A. see Grigor'ev, O.N. 1-38688
- Rymashevskii, G.A. see Turchin, V.N. 1-35225
- Rymaszevski, R. Set-operational modelling and its application in modern measurement science 1-23146
- Rymes, W.H. see Trevino, S.F. 1-7094
- Rymuza, Z. Tribological properties of micropairs with elements of reinforced plastics 1-26631
- Rymynova, E.V. see Kudryavtsev, I.V. 1-31617
- Rynn, J.M.W. see Hales, A.L. 1-27078
- Rynne, T.M., Spector, H.N. Free carrier absorption in quantizing magnetic fields: nonpolar optical phonon scattering 1-42793
- Ryon, A.D., Hart, P.E. Gel sphere processes for product conversion. Consolidated fuel reprocessing program 1-23843
- Ryong Ryoo, Mu Shik Jhon, Eyring, H. Temperature and pressure dependence of viscosity of quantum liquid ^4He according to significant structure theory 1-20489
- Ryoo Ryong see Ryong Ryoo
- Ryso, F.S. Scaling theory of mixed polymer systems 1-38231
- Rys, J., Zychal, A., Czarski, A. Quantitative analysis of the orientation of intergranular surfaces in an alloy after deformation and recrystallisation 1-48362
- Rys, P. see Gridnev, V.N. 1-48483
- Rys, P. see Habrovec, F. 1-8421
- Rys, P. see Hori, T. 1-52356
- Rysakov, V.M., Korotkov, V.I. Light scattering by damaged regions in laser-bombarded alkali halide crystals 1-53021
- Rysanek, N., Mazurier, A., Laruelle, P., Dagron, C. Structure of neodymium bromine sulphur 1-30152
- Rysary, M. see Dragoun, O. 1-50553
- Ryschkewitsch, M. see Ruppreiter, G. 1-16134
- Ryseel, H. see Takai, M. 1-38788
- Ryshchenko, M.I., Lisachuk, G.V., Saltevskaia, L.M. Role of the underglaze layer in improving the thermal-shock resistance of the glaze coating 1-12898
- Ryshchenko, M.I. see Belostotskaya, L.A. 1-12695
- Ryska, A. see Malek, Z. 1-44926
- Ryskamp, J.M. The short collision time approximation for neutron scattering using discrete frequency distributions 1-10410
- Ryskamp, J.M., Anderl, R.A., Broadhead, B.L., Ford, W.E., III, Lucius, J.L., Marable, J.H., Wagschal, J.J. Sensitivity and a prior uncertainty analysis of the CFRMF central flux spectrum 1-50858
- Ryskamp, J.M., Harris, D.R., Becker, M. Sensitivity of light water reactor fuel cycle parameters and costs to uncertainties in thermal nuclear data and methods 1-45597
- Ryskin, A.I. see Arkhangel'skaya, V.A. 1-26248
- Ryskin, A.I. see Belov, A.G. 1-26294
- Ryskin, A.I. see Korabeleva, S.L. 1-26214
- Ryskin, M.G., Troyan, S.I. Symmetric hadron pairs with large transverse momenta 1-36850
- Ryskin, M.G. see Levin, E.M. 1-5605, 1-10277
- Rysel, H., Prinke, G., Habeger, K., Hoffmann, K., Muller, K., Henkelmann, R. Range parameters of boron implanted into silicon 1-34364
- Rysel, H. see Tsou, S.C. 1-2475
- Ryter, C. see Boisse, P. 1-54618
- Ryter, D. Brownian motion in inhomogeneous media and with interacting particles 1-32919
- Ryter, D., Deker, U. Properties of the noise-induced 'spurious' drift. I 1-9927
- Ryter, D. see Deker, U. 1-9928
- Rytov, S.N. see Levin, M.L. 1-33875
- Rytz, A. New catalogue of recommended alpha energy and intensity values 1-13939
- Rytz, D. see Borsa, F. 1-21067
- Ryukhin, V.V. see Balashov, I.F. 1-9283
- Ryumin, S.P. see Belyakov, S.A. 1-9336
- Ryumshina, T.A. see Galkin, A.A. 1-34349
- Ryumshina, T.A. see Zaitsev, V.I. 1-30245
- Ryusets, E.L., Kovshuk, A.P., Polushin, S.G., Adomenas, P.V. Dipole polarization mechanisms for nematic liquid crystals with negative dielectric anisotropy 1-2326
- Ryusuke, S. see Kiyoshige, M. 1-3765, 1-16802
- Ryutov, D.D. Open traps [plasma confinement] 1-6990
- Ryutov, D.D. see Breizman, B.N. 1-2257
- Ryves, T.B., Kolkowski, P. The $\text{Au}(n,2n)$ and $\text{Au}(n,\gamma)$ cross sections at 14 MeV 1-23652
- Ryvkin, A.A. see Buevich, Yu.A. 1-48739
- Ryvkin, B.S. see Elyukhin, V.A. 1-33690, 1-51485
- Ryvkin, S.M. see Astrov, Yu.A. 1-21313
- Ryzhankov, M.A. see Bazhin, M.A. 1-42105
- Ryzhii, V.I. see Kustov, V.L. 1-34737
- Ryzhii, V.I. see Zaitsev, V.E. 1-48049
- Ryzhikov, V.D., Chaikovskii, E.F. Development of new AlB_{12} compound-based scintillator materials with isovalent activator 1-12545
- Ryzhinskii, M.V. see Geidel'man, A.M. 1-672
- Ryzhkin, I.A. see Osip'yun, Yu.A. 1-7561
- Ryzhkov, A.F. see Buevich, Yu.A. 1-15539
- Ryzhkov, M.V., Gubanov, V.A., Butzman, M.P., Hagstrom, A.L., Kurmaev, E.Z. Electronic structure and experimental spectra of some rare-earth oxyfluorides 1-28873
- Ryzhkov, M.V., Gubanov, V.A., Ellis, D.E., Hagstrum, A.L., Kurmaev, E.Z. The electronic structure and experimental spectra of some rare-earth oxyfluorides 1-3570
- Ryzhkov, N.F. see Alferova, Z.A. 1-32745
- Ryzhkov, N.F. see Berlin, A.B. 1-17898
- Ryzhkov, N.F. see Goshchinskii, I.V. 1-32746
- Ryzhkov, Yu.F. see Alekseev, V.A. 1-25775, 1-25776
- Ryzhkov, Yu.F. see Skidan, B.S. 1-20911
- Ryzhkov, M.V. see Ardasheva, M.M. 1-24777
- Ryzhov, O.S. see Ni, A.L. 1-46778
- Ryzhova, T.P. see Postogvard, G.I. 1-35413
- Ryzlewicz, C., Torring, T. Formation and microwave spectrum of the ^2Z -radical barium-monofluoride 1-10725
- Rzany, H. see Dornier, B. 1-34434
- Rzazewski, K., Wodkiewicz, K. Gauge-independent canonical formalism for nonrelativistic electrodynamics 1-36517
- Rzechula, J., Grylicki, M. Some phenomena occurring in basalt glass fibres at high temperatures 1-21488
- Rzepka, E. see Lefrant, S. 1-3396, 1-35527
- Rzepka, E. see Turel, L. 1-3394
- Rzepka, E. see Werber, T. 1-3961
- Rzepski, J. see LeLann, A. 1-48341
- Rzeszotarska, J. see Janowski, A. 1-24187
- Rzhanov, A.E. see Zaitsev, V.E. 1-48049

- Rzhanov, A.V.,** Svitashov, K.K. Ellipsometric techniques to study surfaces and thin films 1-33038
- Rzhanov, A.V.** see Guzev, A.A. 1-3072
- Rzhanov, A.V.** see Ol'shanetskii, B.Z. 1-2786
- Rzhevskii, E.S.** see Zhivopistsev, F.A. 1-28382, 1-28475
- Rzhevskii, S.P.** see Bondarenko, V.S. 1-29410
- Ryzskii, B.M.,** Morato, S.P. Luminescence studies of rare earth doped lithium tetraborate 1-954
- S., H.C.** di Serego Alighieri see di Serego Alighieri S., H.C.
- S., H.Murrieta** see Murrieta S., H.
- S., Kang Man** see Man S., Kang
- Sa Barbosa, M.De** see De Sa Barbosa, M.
- Sa-yakanit, V.,** Glyde, H.R. Impurity-band density of states in heavily doped semiconductors: a variational calculation 1-34655
- Saad, D.,** Padova, J., Rosenzweig, D. Thermodynamic of mixed electrolyte solutions. XII. $y\text{NaBr} + (1-y)(\text{C}_2\text{H}_5)_4\text{NBr}$ (aq) 1-39668
- Saad, E.A.,** El-Wakil, S.A., El-Batanoni, F.M. Reduction of a particle transfer problem in finite plane-parallel media to a problem of semi-infinite media 1-5824
- Saad, N.S.** see Moynihan, C.T. 1-2676
- Saadat, H.,** Filippi, P. Diffraction of a spherical wave by a thin infinite plate 1-46609
- Saakyan, G.S.** see Grigoryan, L.Sh. 1-45442
- Saakyan, K.A.** see Petrosyan, A.R. 1-4982, 1-9660
- Saakyan, V.H.** see Eritsyan, H.N. 1-38407
- Saakyan, Yu.Z.** see Grigoryan, S.S. 1-26934
- Saam, W.F.** Quantum theory of superfluidity and its onset in Bose films 1-42598
- Saam, W.F.** see Mon, K.K. 1-11951
- Saam, W.F.** see Roshen, W.A. 1-26068
- Saar, E.** see Einasto, J. 1-13867
- Saar, J.** see Ruppersberg, H. 1-25449
- Saari, D.P.,** Smyth, R.R., Marksberry, C.L., White, L.R. Development of the high temperature air heater for open cycle MHD 1-53629
- Saari, P.** see Freiberg, A. 1-23343
- Saari, P.** see Kaarli, R. 1-23318
- Saarikko, H.** see Allen, P. 1-14367, 1-36857
- Saarikko, H.** see Blitschau, J. 1-10190
- Saarikko, H.** see Deden, H. 1-28311
- Saarikko, H.** see Fritze, P. 1-14431
- Saarikko, H.** see Grassler, H. 1-30414
- Saarivirta, J.** see Koepke, K. 1-51008
- Saarloos, W.** van see van Saarloos, W.
- Saastamoinen, J.** Heat transfer in unidirectional regenerators 1-11393
- Saastamoinen, P.R.** On propagators and scatterers in wave problems of layered, elastic media—a spectral approach 1-27072
- Saatdjian, E.** Natural convection in a porous layer saturated with a compressible ideal gas 1-29685
- Saathoff, W.** see Wiedner, C.-A. 1-18593
- Saavedra, I.,** Utreras, C. A generalization of quantum mechanics for high energies and quark physics 1-28276
- Saavedra, O.** see Bosia, G. 1-4732
- Saba, G.** see Lai, A. 1-33477
- Sabad, E.P.,** Lomsadze, Yu.M. Nonlocal quantum field theory in the Bogolyubov axiomatic approach. VII. The continuation of variational derivatives of current functional into admissible universal classes 1-441
- Sabad, E.P.** see Gaisak, M.I. 1-1376
- Sabad, E.P.** see Lomsadze, Yu. 1-18382
- Sabadil, H.** Measurements of the transport of atomic oxygen by diffusion or by convection under the influence of chemical reactions outside of a DC discharge in O_2 1-15601
- Sabadil, H.,** Bachmann, P., Kastelewicz, H. Reaction kinetics of ozone generation in the oxygen glow discharge 1-34134
- Sabadini, R.** see Bonafede, M. 1-3232
- Sabadino, M.** see McKelvey, T.E. 1-907
- Sabalaiuskas, L.J.,** Jucys, A.-A.A., Bernotas, A.P. Classification of SU(3)-states for odd heavy nuclides 1-41060
- Sabalaiuskas, L.J.** see Kamuntavicius, G.-P.P. 1-14452, 1-18569
- Sabalini, E.P.** see Anan'yev, V.D. 1-28690
- Sabano, Y.** see Yoshii, Y. 1-54597
- Sabanova, L.D.** see Koschenko, V.I. 1-11882
- Sabantsev, V.P.** see Seregin, S.A. 1-31564
- Sabapathy, K.** see Ramasamy, R. 1-24103
- Sabata, H.** see Butera, P. 1-429
- Sabata, I.De** see De Sabata, I.
- Sabatier, R.** see Tressaud, A. 1-52779
- Sabatini, R.L.** see Pande, C.S. 1-4124
- Sabau, M.N.,** Lanzl, L.H., Rozenfeld, M. Calorimetric-252 dosimetry in phantoms of various dimensions 1-53909
- Sabbadin, F.,** Hamzaoglu, E. Photographic and spectroscopic observations of planetary nebulae 1-49767
- Sabbah, H.N.** see Stein, P.D. 1-53797
- Sabbata, V.De** see De Sabbata, V.
- Sabbioni, E.** see Goetz, L. 1-21754
- Sabelli, C.** see Menchetti, S. 1-38336, 1-42351
- Sabelli, N.H.,** Kahn, L.R., Bendek, R. Spin-dependent effective core potentials for Ni^{++} 1-34643
- Sabesan, R.,** Natarajan, M. A study of polarization paramagnetism in H-bonded interactions 1-15774
- Sabesan, R.,** Varadarajan, R., Sargurumoorthy, M. Dielectric studies on carboxylic acids. III. Dipolar thermodynamic excess functions of acetic, propionic and butyric acids in non-polar solvents 1-21115
- Sabin, J.R.** see Brower, A.L. 1-7549
- Sabin, J.R.** see Kaijser, P. 1-37113
- Sabine, P.A.** see Brown, G.C. 1-32401
- Sabine, P.V.H.,** Donaghy, F., Irving, D. Fibre refractive-index profiling by modified near-field scanning 1-19442
- Sabine, T.M.** Neutron diffraction—the total powder pattern 1-30002
- Sabine, T.M.** Neutron diffraction—the total powder pattern 1-42266
- Sabiror, L.M.,** Turakulov, Ya., Utarova, T.M. Absorption of hypersound in stratifying solutions in the vicinity of the critical point 1-38470
- Sabiror, L.M.** see Kashaeva, L.M. 1-12518
- Sabiror, R.Kh.** Quantum-statistical analysis of the influence of positron-phonon interaction on positron trapping at defects in metals 1-34664
- Sabirzyanova, L.D.** see Gluzman, N.G. 1-20775
- Sabitov, M.S.** see Bedilov, M.R. 1-31262
- Sabnis, A.G.** DC sputtering process: its characterization and its problems when applied to tin-dioxide thin-films 1-31344
- Sabo, D.W.** see Pickup, B.T. 1-28953
- Sabonnadiere, J.C.** see Anelle, B. 1-10885
- Sabotinov, L.S.** see Kukulyanu, V. 1-23747
- Saboungi, M.L.,** Lin, P.L., Cerisier, P., Pelton, A.D. Computer analysis of phase diagrams and thermodynamic properties of cryolite based systems. I. The $\text{AlF}_3\text{-LiF-NaF}$ system 1-12725
- Saboungi, M.-L.** Calculation of thermodynamic properties of multicomponent ionic reciprocal systems 1-34486
- Sabu, D.D.,** Manuel, O.K. Noble gas anomalies and synthesis of the chemical elements 1-40439
- Saburi, Y.** see Urabe, S. 1-36611
- Saburova, T.N.,** Inozemtsev, K.I., Tomson, A.S., Vanyukov, A.V. Reducing the concentration of intrinsic point defects in a crystal 1-11746
- Sacchetti, F.** X-ray scattering and condensed matter experiments 1-43215
- Sacchetti, F.** see Contini, V. 1-34641
- Sacchetti, N.** see Elen, J.D. 1-50923
- Sacchetto, G.A.,** Bombi, G.G., Macca, C. Vapour pressure of very concentrated electrolyte solutions. I. Measurements on $(1-x)\text{H}_2\text{O} + x\text{LiNO}_3$ and $(1-x)\text{H}_2\text{O} + x\text{NH}_4\text{NO}_3$ by a dew-point apparatus 1-53460
- Sacchi, C.A.** see Bottioli, G. 1-35750
- Sacchi, C.A.** see Pratesi, R. (editor) 1-32806
- Sacco, B.** see Bignami, G.F. 1-36429
- Sacco, B.** see Caravato, P.A. 1-22865
- Sacco, B.** see Kanbach, G. 1-13792
- Sacco, B.** see Massaro, E. 1-13648
- Sacco, J.** see Prance, R.J. 1-42914
- Sacco, J.E.** see Widom, A. 1-42915
- Sacerdoti, G.** Proposal for a process of uranium isotope separation by excitation vibrational and hyperfine levels in UF_6 cryogenic solution 1-6037
- Sacha, J.** The application of radioanalytical methods to the determination of an admixtures in solid state substances 1-17119
- Sachar, B.K.** see Dawar, A.L. 1-52673
- Sacharidis, E.J.,** Blum, W., Dietl, H., Grayer, G., Hentschel, G., Koch, W., Lorenz, E., Lutjens, G., Lutz, G., Manner, W., Meissburger, J., Richter, R., Stierlin, U., Chabaud, V., Jones, C., Wilhammer, P., Hoogland, W., Forward K.P. (892) production in $\text{K}^+p \rightarrow \pi^+ \text{K}_s^0 p$ at 12.7 GeV/c 1-30469
- Sachdev, P.N.** see Lobo, M. 1-29716
- Sachdev, V.D.** Magnetic analyzers of a generalized symmetry 1-24352
- Sachenko, V.D.** see Gall, R.N. 1-40893
- Sacher, E.** Correlation of impact strength and rubber phase volume fraction in impact polystyrene 1-35360
- Sacheti, N.C.** On the steady state temperature distribution in the thermal boundary layer of an elastico-viscous fluid 1-51833
- Sachrajda, C.T.** Applications of perturbative QCD to hard scattering processes 1-14362
- Sachrajda, C.T.** A 'renormalisation group improved' study of the gauge hierarchy problem 1-28260
- Sachs, F.,** McGarrigle, R. An almost completely shielded microelectrode 1-49171
- Sachs, H.M.,** Denking, M., Bennett, C.L., Harris, A.G. Radiometric dating of sediments using fission tracks in conodonts 1-22293
- Sachs, I.** see Rancourt, J. 1-39783
- Sachs, J.Grobe** see Grobe Sachs, J.
- Sachs, M. A.** proton mass doublet from general relativity 1-14380
- Sachs, M. A.** new look at electromagnetic field theory 1-18004
- Sachs, P.L.** see Honjo, S. 1-49416
- Sachs, R.G.** Mirror properties of baryon magnetic moments 1-50434
- Sachs, R.K.** see Liang, E.P.T. 1-22936
- Sachtler, J.W.A.,** van Hove, M.A., Biberian, J.P., Somorjai, G.A. Enhanced reactivity of ordered monolayers of gold on Pt(100) and platinum on Au(100) single-crystal surfaces 1-17104
- Sachwitz, M.** see Deiters, K. 1-51044
- Sack, C.** see Schamel, H. 1-2156
- Sackinger, W.M.,** Nelson, R.D. Measurements of sea-ice stresses near grounded obstacles 1-44347
- Sackman, J.L.** see Barez, F. 1-46687
- Sackmann, I.-J.** A new flash mixing 1-22786
- Sacks, I.S.** see Evans, J.R. 1-44146
- Sacks, R.D.** see Clark, E.M. 1-13062
- Sacks, R.D.** see Suh, S.Y. 1-43719
- Sackloglu, C.** A string-like self-dual solution of Yang-Mills theory 1-45116
- Saction, J.** see Allasia, D. 1-23495
- Sadaev, B.** see Saidov, M.S. 1-20863
- Sadahiro, T.,** Mino, K. The γ -ray intensity around active faults. 1-1-27094
- Sadakane, Y.,** Abe, T., Hirano, K. Field-ion microscopic study of surface self-diffusion on tungsten surfaces 1-42607
- Sadakov, O.S.** see Kul'chikhin, E.T. 1-3865
- Sadana, D.K.,** Booker, G.R., Sealy, B.J., Stephens, K.G., Badawi, M.H. Correlation between structural and electrical profiles in ion-implanted GaAs 1-11779
- Sadana, D.K.,** Stratham, M., Washburn, J., Booker, G.R. Transmission electron microscopy and Rutherford backscattering studies of different damage structures in P^+ implanted Si 1-38393
- Sadana, D.K.,** Stratham, M., Washburn, J., Magee, C.W., Maenpaa, M., Booker, G.R. Effect on electrical properties of segregation of implanted P^+ at defect sites in Si 1-15912
- Sadana, Y.N.,** Kumar, R. Electrodeposition of alloys. X. Electrodeposition of Sb-Co alloys 1-39254
- Sadanaga, R.** see Sasaki, S. 1-7140
- Sadasivani, S.** see Negi, B.S. 1-21832
- Sadatomi, M.** see Sato, Y. 1-51852, 1-51853
- Sadauskas, G.J.,** Carscadden, J.R. Three mile island recovery radiation monitoring systems 1-23868
- Sadd, M.H.** see McWhorter, J.C., III 1-24651
- Sadde, D.,** Freund, H.-J., Hohnleicher, G. Calculation of transition metal compounds using an extension of the CNDO formalism. VII. Simple interpretation of many-body effects in the core-photoionization of adsorbates by the study of CO/Ni and Ni/Ni model systems 1-39223
- Sadde, D.,** Freund, H.-J., Hohnleicher, G. Calculation of transition metal compounds using an extension of the CNDO formalism. V. Many body effects in the inner valence shell photoionization spectra of free and coordinated carbon monoxide 1-51122
- Sadephi, A.** see Nair, T.K.M. 1-53859
- Sadephi, N.,** Setser, D.W. Collisional coupling of $\text{N}_2(\text{B}^3\Pi_g)$ and $\text{N}_2(\text{W}^3\Delta_g)$ states studied by laser-induced fluorescence 1-33550
- Sadephi, N.** see Cernogora, G. 1-2133
- Sadel, A.,** Von Der Muhll, R., Ravez, J., Hagenmuller, P. Crystallochemical and dielectric study of phases in the quaternary system $\text{LiNbO}_3\text{-LiTaO}_3\text{-NaNbO}_3\text{-NaTaO}_3$ 1-31441
- Sadhy, S.K.,** Sen, S.N. Electron temperature dependence on the transverse magnetic field in a glow discharge as obtained from spectroscopic measurements 1-2239
- Sadhy, S.K.,** Sen, S.N. Mercury arc plasma in an axial magnetic field 1-29840
- Sadikov, C.G.** see Kuznetsov, V.Ya. 1-42358
- Sadikov, G.G.** see Abudulin, B.F. 1-8816
- Sadikov, G.G.** see Rogachev, D.L. 1-42359
- Sadikov, I.P.** see Andreeff, A. 1-20684
- Sadikov, I.P.** see Vindryayevskiy, B.A. 1-38613
- Sadiq, M.M.** Electrical breakdown in double-layer capacitor systems 1-48006
- Sadjadi, F.A.,** Hwang, J.J., Hall, E.L., Roberts, M.J. Measurement of two phase flow velocities using image correlation 1-51891
- Sadjadi, F.A.** see Hall, E.L. 1-29225
- Sadjadi, F.A.,** Hall, E.L. Image registration using material information 1-10934
- Sadkowsky, P.J.,** Fleming, G.R. The influence of solvent-solute interaction on radiationless processes: excited state dynamics of 1,8-anilino-naphthalene sulphamate and related molecules 1-29020
- Sadlej, A.J.** see Wolinski, K. 1-37105
- Sadler, D.M.** see Spels, S.J. 1-31150
- Sadler, M.** see Jastrzebski, J. 1-10384
- Sadoc, A.** see Raoux, D. 1-30087
- Sadoc, J.F.** see Raoux, D. 1-30087
- Sadoc, J.F.** see Dews, G. 1-10229
- Sadoff, A.F.** see Chadwick, K. 1-33192

- Sadoff, A.J. see Bebek, C. 1-33191
- Sadoullet, B. see Barranco Luque, M. 1-14745
- Sadoullet, B. see Calvetti, M. 1-14778
- Sadore, M.S. see Djordjevic, L. 1-40020, 1-53915
- Sadovnikova, V.A. Effect of spin-orbital interaction on magnetic properties of atomic nuclei 1-36927
- Sadovi, A.A. see Aver'yanov, I.K. 1-41043
- Sadovskaya, E.M. see Dadayan, K.A. 1-30545
- Sadovskaya, L.Ya. see Liberts, G.V. 1-39050
- Sadoskii, V.D., Bershtein, L.I., Mel'nikova, A.A., Polyakova, A.M., Schastlivtsev, V.M. Structural inheritance in cast steel of the 30KhGNM type 1-31498
- Sadoskii, V.N. see Kovalev, A.A. 1-46410, 1-51515
- Sadoskii, Yu.A. see Alexander, I.N. 1-45066
- Sadoskii, I.N. see Davydov, B.L. 1-33739
- Sadoskiy, M.A., Neresov, I.L. Problems concerning earthquake prediction 1-13401
- Sadoskiy, J., Taborsky, L. Some properties of Al+Ti hybrid composite material reinforced with steel fibres 1-3813
- Sadoskiy, J. see Sorsorov, M.C. 1-48405
- Sadoskiy, S.A. see Davidov, V.A. 1-1023
- Sadoway, D.R., Flengas, S.N. A new process for the separation of tantalum from niobium 1-4076
- Sadowska, K. see Dabrowski, R. 1-2316
- Sadowski, A. see Nowotny, J. 1-3956
- Sadowski, H., Dugger, W. Large time delay and integration (TDI) focal plane assembly with an optically contiguous pixel format 1-5387
- Sadowski, M. see Bertalot, L. 1-15648
- Sadowski, M. see Herold, H. 1-45072
- Sadrozinski, H. see Partridge, R. 1-10207, 1-18483
- Sadygov, F.M. see Rustamov, P.G. 1-38775
- Sadygov, Z.Ya. see Plotnikov, A.F. 1-34802
- Sadykhov, A.R. see Dzhabadov, A.V. 1-23644, 1-23645
- Sadykov, R.R. see Gagarinskii, A.Yu. 1-28645
- Sadykov, V.A. see Berezin, V.M. 1-37057
- Sadykov, C.U. see Kestelmann, W.N. 1-21601
- Sadzhakova, S. see Kosin, G.S. 1-13761
- Saechnikov, V.A. see Butko, A.I. 1-41450
- Saechnikov, V.A. see Voropai, E.S. 1-12572, 1-51236
- Saeed, U., Lenard, J.G. A comparison of cold rolling theories based on the equilibrium approach 1-12757
- Saegusa, T., Hagiwara, N., Suzuki, Y., Murase, H. Wide-band digital tan- δ meter using a phase comparison system 1-36683
- Saegusa, T., Uemura, M., Weertman, J.R. Grain boundary void nucleation in astrolite produced by room temperature deformation and anneal 1-8350
- Saeki, B. see Yamagata, T. 1-45484
- Saeki, K., Iizuka, S., Sato, N. Ion heating due to double-layer disruption in a plasma 1-19916
- Saeki, M., Onoda, M., Kawada, I., Nakahira, M. 2H-type $Ti_{1-x}S_2$ in the range $x=0.11-0.33$ 1-38346
- Saeki, M. see Bando, Y. 1-20149
- Saeki, M. see Onoda, M. 1-11640
- Saeki, S. see Kondo, S. 1-29041
- Saeki, Y. see Watanabe, T. 1-48626
- Saelee, H.T. see Kucukarpaci, H.N. 1-29831
- Saemann-Ischenko, G. see Adrian, H. 1-20914
- Saemann-Ischenko, G. see Bieger, J. 1-42883
- Saenger, W. see Adamiak, D.A. 1-17340
- Saenko, D.V. see Genin, L.G. 1-1806
- Saenko, I.V. see Brailovskii, E.Yu. 1-38743
- Saenko, I.V. see Il'in, Yu.L. 1-38392
- Saenko, I.V. see Il'in, Yu.L. 1-52294
- Saenko, M.I., Stasyuk, S.Z., Ischenko, A.Ya., Gorodyskii, N.I., Fortunatova, N.N. Dependence of unit crack propagation energy on chemical composition of AMg6-type alloys 1-39449
- Saenko, V.Ya. see Medovar, B.I. 1-26447
- Saenko, V.Ya. see Paton, B.E. 1-31505
- Saemark, K. Normal and anomalous skin effect and surface impedance of metals in very weak magnetic fields 1-7650
- Saemark, K. see Bak, C. 1-49021
- Saemark, K. see Elberling, C. 1-26918
- Saemark, K. see Gasparov, V.A. 1-30339
- Safai, S. see Rangaswamy, S. 1-20430
- Safar, M.H., Hosken, J.W.J. On the response of marine seismic streamer systems 1-22509
- Safarov, A. see Arslambekov, V.A. 1-25807
- Safarov, M.G., Rustamov, P.G., Alidzhanov, M.A. Thermoelectric properties of Bi_2Te_3 -based solid solutions in the system Bi_2Te_3 -InSb 1-34730
- Safarov, N.Yu. see Allakhverdiev, K.R. 1-31149, 1-35042
- Safarov, R.Kh. see Begzhanov, R.B. 1-603
- Safarov, V.I., Titkov, A.N. Spin relaxation of conduction electrons in p-type semiconductors 1-47978
- Safarazadeh-Amiri, A., Conditon, D.A., Verrall, R.E., Steer, R.P. Oxygen quenching of the lowest triplet state of N-methylthioacridone 1-29099
- Safator, A.S. see Baklanov, A.M. 1-48752
- Safavi, A. see McPherson, J.W. 1-34650
- Safavi-Naini, S., Mittra, R. High-frequency radiation from an electromagnetic source located on a finite cylinder—a spectral domain approach 1-29177
- Saffari-Kermani, A.A. see Hartwig, K.T. 1-21465
- Saffer, S.I. see Lewis, M.H. 1-22122
- Saffman, P.G. Long wavelength bifurcation of gravity waves on deep water 1-33971
- Saffman, P.G., Szeto, R. Equilibrium shapes of a pair of equal uniform vortices 1-29706
- Saffman, P.G., Yuen, H.C. A new type of three-dimensional deep-water wave of permanent form 1-37957
- Saffman, P.G. see McLean, J.W. 1-46807
- Saffman, P.G. see Martin, D.U. 1-27794
- Saffren, M. see Mason, P. 1-47324
- Safi, N., Blanquet, P., Le Rebeller, M.-J. Radionuclide studies of ocular blood flow 1-26982
- Safin, I.A. see Matukhin, V.L. 1-12423, 1-26075
- Safin, M.Ya., Al'-Khamis, I.M. Higher Born-approximation corrections to elastic scattering cross section of electrons in the Coulomb field of light nuclei 1-28464
- Safin, M.Ya., Kerimov, B.K., Ishankuliev, D. On the role of the polarization effects in the elastic scattering of leptons by nucleons for a test of gauge theories 1-5629
- Safina, Z.Sh. see Aslanov, L.A. 1-29137
- Safina, C.R. see Als-Nielsen, J. 1-2320, 1-7082
- Safina, C.R. see Litster, J.D. 1-11852
- Safina, C.R. see Po-zen Wong 1-25938
- Safina, K.A., Chan, K.K., Lundeen, S.R., Pipkin, F.M. Measurement of the $2^3P_{1/2}-2^2S_{1/2}$ fine-structure interval in atomic hydrogen 1-24275
- Safina, K.A., Delpech, J.F., Gallagher, T.F. Effects of electric fields on doubly excited autoionizing Rhydbert states of barium 1-1189
- Safina, K.A., Gallagher, T.F. Collisional angular momentum mixing of Na nd states by CH_4 and C_2H_2 1-1353
- Safina, K.A., Gallagher, T.F., Sandner, W. Resonance measurements of f- and f-intervals in cesium using selective and delayed field ionization 1-24098
- Safina, K.A. see Gallagher, T.F. 1-1339
- Safiliulina, S.S. see Nesterova, Z.V. 1-51560
- Saflekos, N.A. see Smiddy, M. 1-40258
- Safonov, A.A. see Kats, L.I. 1-30775
- Safonov, I.B. Scattering of electromagnetic waves in inhomogeneous dielectric media with axially symmetric and cylindrical geometry 1-10895
- Safonov, V.A. see Anufriev, V.A. 1-23710
- Safonov, V.G. see Kashintsev, G.L. 1-54035
- Safonova, E.P., Yankovskii, A.A., Petukh, M.L., Nekrylova, A.I., Lukicheva, A.V. Laser spectral analysis of foil materials based on aluminium with a quantometric final step 1-17136
- Safran, S.A. Cooperative effects and staging in graphite intercalation compounds 1-38734
- Safran, S.A., Hamann, D.R. Self-consistent charge densities, band structures, and staging energies of graphite intercalation compounds 1-38701
- Safranov, A.S. see Brillet, L. 1-1086
- Safranov, U.I. see Brillet, L. 1-1086
- Safranov, U.I. see Vainshtein, L.A. 1-1087
- Safrata, R.S., Kolac, M., Matas, J., Odehnal, M., Svec, K. Deuterized cerium lanthanum magnesium nitrate as a magnetic thermometer 1-27975
- Safrata, S. see Malek, Z. 1-44926
- Safronov, G.S. see Nerukh, A.G. 1-33637
- Safronov, L.A. see Zaklyaz'minskii, L.A. 1-13010
- Safronov, S.V. see Bernshein, M.L. 1-35332
- Safronova, U.I., Lisina, T.G. Atomic constants of autoionization states of ions with $Z=6, 8, 10-42$ in the Be isoelectronic sequence 1-17947
- Safronova, U.I., Senachenko, V.S. The influence of atomic electron shell structure on the characteristics of two-electron-one-photon transitions 1-45904
- Safronova, U.I. see Oboladze, N.S. 1-28924
- Safroshkin, Yu.V. Automatic range-switching converters (review) 1-50118
- Saga, N. see Tanaka, M. 1-1488
- Sagaidachnaya, O.M. see Evchator, G.P. 1-44341
- Sagaliev, G.V. see Markov, N.G. 1-8372
- Sagalevich, V.M., Zavalishin, N.N., Lyashko, N.A. Mechanics of the valve—aorta xenocomplex 1-32169
- Sagalovich, N.E. see Linetskii, A.R. 1-1005
- Sagan, C. see Soderblom, L. 1-36209
- Sagan, D. see Yurke, B. 1-2770
- Sagan, L.A. Biological effects of power frequency electric fields 1-4321
- Sagan, L.A., Squitieri, R., Wildman, S.S. Controlling occupational radiation exposure. Alternatives to regulation 1-28747
- Sagane, H., Oki, K. Equilibria on the ordered phase Fe_3Al 1-35252
- Sagar, P., Goel, P.S. Cosmogenic and bomb-produced ^{14}C in stratospheric air 1-49368
- Sagara, A., Akaishi, K., Kamada, K., Miyahara, A. ISS observations of Ti film on Mo substrate 1-25560
- Sagara, A. see Akaishi, K. 1-25583
- Sagaradze, V.V. see Kabanova, I.G. 1-12735
- Sagarits, V.A. see Vorontsova, M.M. 1-21249
- Sagatelyan, E.P. see Karapetyan, V.V. 1-37436
- Sagawa, H., Dossing, T. Two moments of inertia of bands in the cranking model 1-14447
- Sagawa, H. see Dossing, T. 1-45394
- Sagawa, H. see Neergard, K. 1-45421
- Sagawa, K. Models of ventricle as a time-varying elastance 1-4319
- Sagawa, N. see Ibe, E. 1-10499
- Sagayama, S., Itakura, F. Speech analysis, synthesis, and recognition: a brief review 1-24611
- Sagayama, Y. see Kohata, Y. 1-28575
- Sagdeev, R.Z., Grishin, Yu.A., Gogolev, A.Z., Dushkin, A.V., Semenov, A.G., Molin, Yu.N. NMR spectra of short-lived free radicals, detected from the CPN effects for radiofrequency pumping 1-29002
- Sagdeev, R.Z. see Cambou, F. 1-44403
- Sagdeev, R.Z. see Galeev, A.A. 1-34075
- Sagdeev, R.Z. see Kruchina, E.N. 1-2194
- Sagdeev, R.Z. see Leshina, T.V. 1-12971
- Sagdeev, R.Z. see Pervukhin, V.V. 1-28887
- Sage, I. Recent advances in liquid crystal materials 1-52060
- Sage, K.A., Barrett, B.R. Influence of the g boson on the interacting boson approximation Hamiltonian 1-5715
- Sager, G., Sammler, R. The application of non-linear regression to the estimation of the spectra of ocean waves 1-44197
- Sager, W.W. Mariana Arc structure inferred from gravity and seismic data 1-22287
- Saget, J.C. see Brunel, J. 1-23395
- Sagey, G. Tests de Teste de Sagey, G.
- Saghafian, R. see Wintersgill, M.C. 1-31086
- Saghai, B. see Balestri, R. 1-28343
- Sagisawa, K. see Kawamori, A. 1-26039
- Sagitov, A.I. see Kompanets, I.N. 1-34806
- Sagle, A.L. see McClelland, J.B. 1-28485
- Sagnes, G. see Bastide, G. 1-2918
- Sagnes, G. see Housin, M. 1-7635
- Sagnier, J.L. see Gay, J. 1-4791
- Sagnieu, A. see Aymar, R. 1-40822
- Sagstuen, E. Radiation damage to nucleosides and nucleotides. III. AC_4 -centered radical in the ribose moiety of uridine-5'-phosphate single crystals 1-43686
- Sagstuen, E. see Claesson, O. 1-43012
- Sagurton, M. see Smith, R.J. 1-3573
- Sah, C.T. see Shiue, C.C. 1-7748
- Sah, C.T. see Stivers, A.R. 1-42864
- Sah, R.E., Baur, G., Kelker, H. Influence of the solvent matrix on the overlapping of the absorption and emission bands of solute fluorescent dyes 1-26252
- Sah, R.L.-Y. see Chih-Tang Sah 1-53611
- Sah, S.L., Nanda, N.C. Exploring the upper atmosphere by radio telemetry 1-4627
- Sah Chih-Tang see Chih-Tang Sah
- Saha, A. see Nann, H. 1-45427
- Saha, B., Sen, A.K. Long period fading of LF radio signals and geomagnetic activity during major meteor showers 1-9310
- Saha, B.B., Pratt, J.M.K. The effect of regular electrode surface roughness on the breakdown strength of compressed SF_6 1-11501
- Saha, B.C. see McCarthy, I.E. 1-24258
- Saha, B.C. see Ray, A. 1-19215
- Saha, B.C. see Roy, P.K. 1-1344
- Saha, H., Mukhopadhyay, K., Biswas, D. Grid design and series resistance of Cu_2S/CdS solar cell 1-35652
- Saha, H., Mukhopadhyay, K. Field-dependent grain-boundary diffusion in polycrystalline material 1-42576
- Saha, K. see Saha, S. 1-22449
- Saha, M., Ghosh, D. Magnetic properties in some holmium compounds 1-3155
- Saha, P. Independent assessment of TRAC-PIA with Moby-Dick nitrogen-water tests 1-5937
- Saha, P., Sanborn, Y. Independent assessment of TRAC-PIA with super-CANON blowdown tests 1-50804
- Saha, S., Datta, K.K., Basu, D., Barua, A.K. Photodissociation of H_2^+ by the $1s\sigma \rightarrow 2p\pi$ transition 1-1294
- Saha, S., Mukhopadhyay, P. On the probable radiative and other two-body decays of the upsi- Ω and the tests of QCD 1-23473
- Saha, S., Saha, K. A hypothesis on onset, advance and withdrawal of the Indian summer monsoon 1-22449
- Saha, S. see Guzelu, N. 1-53778
- Saha, S.K. Effects of annealing on the electrical resistance of vacuum deposited tellurium films 1-47760
- Saha, S.K. see Cheng, C.-W. 1-54474
- Saha, S.K. see Sengupta, D. 1-25063
- Sahade, J. see Hernandez, C.A. 1-44595
- Sahakian, G.S., Grigorian, L.S. Plasma at densities above the nuclear 1-36167
- Saharia, A.N., Woloshyn, R.M. Isobar-doorway model for coherent π^0 photoproduction 1-41098
- Sahasrabudhe, G.G., Dinesha, K.V., Sarma, C.R. Clebsch-Gordan coefficients for the permutation group 1-27811
- Saheli, M. see Yamada, H. 1-48089

- Sahin, S.** Interplanetary shuttle driven by a 10-MW(e) solar-energy hybrid thermionic generator 1-43788
- Sahin, S.** Performance characteristics of a fast hybrid thermionic blanket 1-45731
- Sahin, S., Calinon, R., Woodruff, G.L.** A neutron analysis of lanthanides as neutron multipliers for hybrid and fusion blankets 1-41239
- Sahin, S., Caro, M., Fruh, R., Ligou, J., Schneberger, J.-P., Tai, A.-S.** Basis structure of the fusion-fission (hybrid) reactor 1-884
- Sahin, S., Yalcin, S.** Adjoint weighted neutron lifetime in nuclear explosives 1-760
- Sahin, S.** *see* Seifritz, W. 1-23857
- Sahl, K.** *see* Habery, F. 1-7912, 1-30995
- Sahm, C.-C., Vermeulen, D., Schulte, H., Keller, J., Clerc, H.-G., Schmidt, K.-H., Hessberger, F., Munzenberg, G.** The influence of the fission barrier on the mass distribution in reactions with symmetric fragmentation 1-10397
- Sahni, D.C.** *see* Kumar, V. 1-23705
- Sahni, D.C.** *see* Menon, S.V.G. 1-5825
- Sahni, P.S.** Finite-temperature effects on commensurate-incommensurate phase transitions in one and two dimensions 1-42510
- Sahni, P.S.** *see* Miguel, M.S. 1-52301
- Sahni, V.** Massless particles and cosmology 1-32788
- Sahni, V., Ma, C.Q.** Hartree-Fock theory of the inhomogeneous electron gas at a jellium metal surface: Rigorous upper bounds to the surface energy and accurate work functions 1-38827
- Sahni, V.C.** *see* Bansal, M.L. 1-38532
- Sahoo, M.** *see* Vnuk, F. 1-8378
- Sabraoui, L.** *see* Fain, J. 1-948
- Sabu, H.K., Srinivasan, S., Krishan, K.** Lattice static properties of vacancy clusters and interstitials in HCP magnesium: Computer simulation studies 1-7166
- Sai, K.** *see* Akiba, Y. 1-20860
- Sai Babu, K., Chiranjivi, T.** Ionic conductivity in single crystals of barium nitrate 1-2675
- Sai-Halasaz, G.A.** Man-made semiconductor superlattices 1-30817
- Sai-Halasaz, G.A.** *see* Chang, I.F. 1-35084
- Saichev, A.I.** Eigenvalue statistics of a one-dimensional randomly inhomogeneous boundary-value problem 1-17990
- Saichev, A.I.** *see* Gurbatov, S.N. 1-51768
- Said, A.** The future of the international energy market. Possible role of fossil fuels and other primary energy sources 1-13068
- Said, G.** *see* El-Kabbany, F. 1-52899
- Said, H.** *see* Awad, M. 1-15582
- Saidel, G.M., Sanlie, J., Chester, E.H.** Lung washout during spontaneous breathing: parameter estimation with a time-varying model 1-4307
- Saido, K.** Is multinational spent-fuel storage facility in Pacific/Asia needed? (supply/demand picture) 1-859
- Saidoh, M., Sone, K., Yamada, R., Nakamura, K.** Continuous observation of surface erosion of polycrystalline molybdenum implanted with helium ions with different energies 1-42435
- Saidoh, M.** *see* Yamada, R. 1-26343
- Saidov, A.S.** *see* Kadyrov, M.A. 1-42854
- Saidov, A.S.** *see* Saidov, M.S. 1-20863
- Saidov, M.S., Sadaev, B., Saidov, A.S., Nikitin, V.V., Kovardakova, G.N.** Features of current-voltage characteristics of $n-p-n^+$ structures made of gallium arsenide doped with chromium from a molten solution 1-20863
- Saifuddin** Recurrence relations of Green function for three particle potential 1-9862
- Saifuddin** Microscopic derivation of the optical potential for three particle interaction 1-10361
- Saifuddinov, V.Z., Bugakov, V.I., Pakhomov, V.I.** Preparation and structure of $\text{Co}_3\text{B}_2\text{O}_{13}$ crystals 1-38343
- Saiga, Y.** *see* Mino, K. 1-31743
- Saiga, Y.** *see* Nemoto, M. 1-3724
- Saiger, S.** Activity of ESARDA working group safeguarding low enriched uranium conversion/fabrication plants 1-14618
- Saijo, K.** *see* Ito, M. 1-4942
- Saika, A.** *see* Itagaki, T. 1-41323
- Saika, A.** *see* Yamamoto, S. 1-51135
- Saikai, B.K.** *see* Suryanarayana, I. 1-33459
- Saikan, S.** Directional anisotropy of the backward four-wave mixing in gases 1-37540
- Saiki, K., Tanaki, H., Tanaka, S., Koma, A.** Sputtering of molybdenum by low energy He^+ bombardment 1-52185
- Saika, B.K.** *see* Dey, N.C. 1-22023
- Saikov, Yu.P.** *see* Drokina, A.M. 1-23866
- Sailasutsa-Scott, N.** *see* Taniguchi, V.T. 1-13035
- Saite, V.** One- and two-photon spectroscopy with rare gas solids 1-31164
- Saite, V., Rieger, D., Steinmann, W.** Wegehaupt, T. Resonant two-photon photoemission from solid Kr excited with synchrotron radiation and a N_2 -laser 1-3566
- Saile, V.** *see* Skibowski, M. 1-30636
- Sailer, A.** *see* Aric, K. 1-4457
- Saillard, M., Develley, G., Becle, C., Moreau, J.M., Paccard, D.** The structure of TiZn_{16} 1-30163
- Sailor, V.** *see* Abilock, H. 1-39719
- Saimoto, S., Sang, H., Morris, L.R.** Microplastic bases for constitutive relations found in tensile testing 1-26534
- Sainai, Ya.G.** *see* Bunimovich, L.A. 1-27905
- Saini, R.C.** *see* Nigam, R.K. 1-25493
- Saini, S., Guney, M.R.** Projected Hartree-Fock calculations for ^{52}CrV 1-23565
- Saini, S., Jain, B.K.** High momentum nucleons in the nucleus 1-45433
- Sainio, M.E.** *see* Green, A.M. 1-579
- Saint, G.** Multitemporal remote sensing: satellites provide a new tool for Earth resources management 1-13587
- St.-Pierre, C.** *see* Ramavataram, K. 1-10362
- St. Clair Dinger, A., Dickinson, D.F.** A catalog of nonstellar water maser sources 1-9388
- St. Clair Dinger, A.** *see* Kojoian, G. 1-22885
- St. Lawrence, W., Qamar, A., Moore, J., Kendrick, G.** A comparison of thermal observations of Mount St. Helens before and during the first week of the initial 1980 eruption 1-44159
- Saint Louvent, B.F.** *see* de Saint Louvent, B.F.
- Saint Paul, M.** *see* Frossati, G. 1-31085
- Saint-Blancard, J.** *see* Lettieri, F. 1-39956
- Saint-Cricq, N.** *see* Carles, R. 1-26206, 1-39094, 1-48062
- Saint-Guirons, H., Xans, P.** P-T phase diagram of the three solid phases of t-butyl chloride 1-2589
- Saint-Guirons, H., Xans, P., Dumas, J.P.** Study of phase changes of dispersions by differential thermal analysis at high pressures and low temperatures 1-38507
- Saint-Marc, A.** *see* Cambou, F. 1-44403
- Saint-Marc, A.** *see* Charles, G. 1-44377
- Saint-Marc, A.** *see* Gringaux, K.I. 1-44372, 1-44373
- Saint-Marc, A.** *see* Izhovkina, N.I. 1-44391
- Saint-Marc, A.** *see* Le Queau, D. 1-44382
- Saint-Marc, A.** *see* Vigo, J.M. 1-44363
- Saint-Simon, M.** *see* de Saint-Simon, M.
- Saintignon, P.** *see* de Saintignon, P.
- Sainty, W.G.** *see* Netherfield, R.P. 1-6634
- Sainz, A.J., Roberts, V.C.** Mean and peak velocity extraction-problems and solutions? [medical ultrasound] 1-22094
- Sainz, M.A.** *see* Coleman, D.M. 1-40862
- Saio, H.** Stability of nonradial g^+ -mode pulsations in 1 M \odot models 1-17798
- Saio, H., Cox, J.P., Hansen, C.J., Carroll, B.W.** Linear, nonadiabatic pulsation calculations for models of upper main sequence and β Cephei stars 1-27540
- Saio, H., Wheeler, J.C.** The evolution of mixed long-lived stars 1-49605
- Sairenji, E.** *see* Shimizu, M. 1-9008
- Saissy, A.** *see* Azema, A. 1-19387
- Saita, T.** Degradation of sodium-polyacrylate in dilute aqueous solution 1-47273
- Saito, A.** Review of the transient line source technique. I. Analytical discussion on the influence of radiation 1-33877
- Saito, A.** *see* Yoshida, T. 1-46302
- Saito, H., Chonan, S., Kawanobe, O.** Response of an elastically supported plate strip to a moving load 1-1870
- Saito, H., Yamai, I.** Vapor phase growth of β -SiC whiskers with fluorosilicate melt 1-20598
- Saito, H., Yamai, I.** Vapor phase growth of β -SiC whiskers with fluorosilicate melt-state of products at various temperatures 1-25600
- Saito, H.** *see* Horikoshi, Y. 1-47297
- Saito, H.** *see* Kajiwara, M. 1-20724
- Saito, H.** *see* Nakadate, S. 1-33043
- Saito, H.** *see* Oota, T. 1-43236
- Saito, H.** *see* Takahashi, S. 1-15180
- Saito, H.** *see* Tanaka, S. 1-8117
- Saito, H.** *see* Yokoshi, S. 1-16824, 1-25181
- Saito, K.** Void formation in electron-irradiated Ni-12 at.% Ti alloys with modulated structures 1-42425
- Saito, K., Yokubo, T., Murakami, I.** On the thermal decomposition of SO_2 diluted in Ar behind reflected shock waves 1-8560
- Saito, K.** *see* Inada, T. 1-8916
- Saito, K.** *see* Kanazaki, S. 1-26485
- Saito, K.** *see* Shimizu, J. 1-42813
- Saito, K.** *see* Yanagi, K. 1-19435
- Saito, M., Deguchi, S.** Molecule formation in shock waves from the galactic nucleus 1-54632
- Saito, M., Sato, H., Saijo, K., Hayasaka, T.** Photometric study of VV Cephei during the 1976-78 eclipse 1-4942
- Saito, M.** *see* Ikeda, K. 1-13314
- Saito, M.** *see* Matayoshi, M. 1-13333
- Saito, M.** *see* Toyota, A. 1-28870
- Saito, R.** *see* Seo, M. 1-21625
- Saito, S., Fujii, Y., Ohbayashi, S., Shikata, S., Masamura, T., Yamashita, J., Matsumura, F.** Study on measurements of air pollution by lasers 1-39860
- Saito, S., Satoh, K., Sugawara, T.** Anomalous thermal and NMR behavior of liquid ^3He in contact with an antiferromagnet 1-16131
- Saito, S., Sawaoka, A.** Production of boron nitride cutting tools and its physical properties 1-35226
- Saito, S., Suzuki, K., Obara, M., Fujioka, T.** Theoretical analysis of 16- μm CO_2 gasdynamic laser 1-37456
- Saito, S.** *see* Endo, Y. 1-1213, 1-45941
- Saito, S.** *see* Fukunishi, K. 1-25077
- Saito, S.** *see* Kimura, M. 1-50456
- Saito, S.** *see* Mori, M. 1-18776
- Saito, S.** *see* Ohashi, N. 1-37172
- Saito, S.** *see* Sasaki, W. 1-24393
- Saito, S.** *see* Takagi, K. 1-10765
- Saito, T.** Pulse laser display holograms 1-37440
- Saito, T.** Theory of a pinched electron beam in a diode 1-41547
- Saito, T., Aoyagi, M.** A trial construction of snow-fall detector using heater plates 1-13618
- Saito, T., Hamada, Y., Yamashita, T., Ikeda, M., Nakamura, M., Tanaka, S.** Development of SMM wave laser scattering apparatus for the measurements of waves and turbulences in the Tokamak plasma 1-19971
- Saito, T., Imamura, T., Honda, T., Tsujiuchi, J.** Solvent vapor method in thermoplastic photoconductor media 1-7659
- Saito, T., Imamura, T., Honda, T., Tsujiuchi, J.** Enhancement of sensitivity by stratifying a photoconductor on thermoplastic-photoconductor media 1-46265
- Saito, T., Noguchi, K., Kaneko, S., Terasawa, Y.** Silicon epitaxial solar cells by ion-plating deposition 1-3635
- Saito, T., Shigemoto, K.** Axially symmetric solutions for field strengths in non-Abelian gauge theories 1-50317
- Saito, T.** *see* Itoh, K. 1-45485
- Saito, T.** *see* Iwata, K. 1-8961
- Saito, T.** *see* Kato, Y. 1-22191
- Saito, T.** *see* Matsuo, N. 1-707
- Saito, T.** *see* Miyako, Y. 1-7847
- Saito, T.** *see* Nakasa, K. 1-26604
- Saito, T.** *see* Nishi, T. 1-50660
- Saito, T.** *see* Oki, F. 1-32903
- Saito, T.** *see* Tsujiuchi, J. 1-41631
- Saito, T.** *see* Ueha, S. 1-6837
- Saito, Y.** Statics and dynamics of the roughening transition: A self-consistent calculation 1-7444
- Saito, Y.** Spin-1 antiferromagnetic Ising model. I. Bulk phase diagram for a binary alloy 1-42961
- Saito, Y., Kawazu, A., Tominaga, G.** An influence of the first adlayer structure on the sticking coefficient of the successive adsorption in a system of bismuth on silicon (111) surface 1-47386
- Saito, Y., Mihama, K., Uyeda, R.** Formation of ultrafine metal particles by gas-evaporation. VI. BCC metals, Fe, V, Nb, Ta, Cr, Mo and W 1-25197
- Saito, Y., Muller-Krumbhaar, H.** Two-dimensional Coulomb gas: a Monte Carlo study 1-32931
- Saito, Y., Muller-Krumbhaar, H.** Antiferromagnetic spin-1 Ising model. II. Interface structure and kinetic phase transition 1-42962
- Saito, Y., Tamura, K., Arai, Y., Okubo, N.** Stabilization of the cardiokymograph and its characteristics 1-35910
- Saito, Y.** *see* Akiyama, R. 1-11671
- Saito, Y.** *see* Lee, H. 1-10737
- Saito, Y.** *see* Suzuki, T. 1-24426
- Saito, Y.** *see* Wada, A. 1-9057
- Saitoh, M.** Theory of a polaron in weak magnetic fields 1-2891
- Saitoh, M.** Theory of a polaron at finite temperatures 1-7535
- Saitoh, M., Aoki, T.** Cyclotron resonance of hot electrons on the surface of ^4He 1-7419
- Saitoh, M., Arisawa, K.** Polaron mass at finite temperature 1-47506
- Saitoh, M.** *see* Igata, N. 1-38409
- Saitoh, N.** *see* Tanabe, T. 1-18744
- Saitoh, O.** *see* Gafford, R. 1-28078
- Saitoh, R., Suzuki, S.** Rainbow display holograms 1-33634
- Saitoh, S., Sugii, T., Ishiura, H., Furukawa, S.** Growth conditions of deposited Si films in solid phase epitaxy 1-47402
- Saitoh, T.** Prospects for solar energy applications of the Rankine cycle 1-43797
- Saitoh, T., Hirose, K.** Thermal instability of natural convection flow over a horizontal ice cylinder encompassing a maximum density point 1-24794
- Saitoh, T., Warabasaki, T., Kuroda, E., Itoh, H., Matsubara, S., Tokuyama, T.** Impurity gettering of diffused solar cells fabricated from metallurgical-grade silicon 1-4180
- Saitou, N., Yamamoto, S.** Current fluctuation of thermal field emission from tungsten emitter 1-16668
- Saitta, B.** *see* Allen, P. 1-14367, 1-36856, 1-36857
- Saitta, B.** *see* Blitschew, J. 1-10190
- Saitta, B.** *see* Cernigoi, C. 1-50657
- Saitta, B.** *see* Deden, H. 1-28311
- Saitta, B.** *see* Fritze, P. 1-14431
- Saitta, B.** *see* Grassler, H. 1-50414
- Saja, J.A.** *see* de Saja, J.A.
- Sajlik, P.** *see* Pavlik, J. 1-52003
- Saji, K.** *see* Okuyama, M. 1-13172

- Saji, M., Okada, K., Ishiwari, M., Fujimoto, H. Al diffusion in ZnTe single crystals and ZnTe junction 1-20470
- Saji, M., Sekimura, M. Impurity levels in the CdTe p-n junction 1-38840
- Saji, T., Arinaga, S. Relation between static and dynamic flexural strengths of mortar specimens 1-26552
- Sajin, G. Ferrite behaviour at very high frequencies 1-52801
- Sajo, I. The new automatic universal analyser which works by 'dithermal' thermometry 1-32986
- Sajo-Bohus, L., Parker, W.C., Perez-Alarcon, J.J., La Brecque, J.J. A general purpose large volume gas-flow proportional counter 1-18974
- Sajo-Bohus, L. see Parker, W.C. 1-21348, 1-21752
- Sak, J. see Bruno, J. 1-12325, 1-12326
- Sak, J. see Rezay, E.H. 1-42754
- Saka, H. see Cherns, D. 1-11764
- Saka, H. see Mora-Vargas, M.I. 1-26576
- Saka, H. see Taylor, G. 1-394
- Saka, H. see Yamamoto, A. 1-3899
- Saka, M. see Kaneda, Y. 1-4453
- Sakabe, S., Mochizuki, T., Yamanaka, T., Yamanaka, C. Modified Thomson parabola ion spectrometer of wide dynamic range (for laser-produced plasma diagnosis) 1-11598
- Sakaguchi, H., Nakamura, M., Hatanaka, K., Noro, T., Ohtani, F., Sakamoto, H., Ogawa, H., Kobayashi, S. Shell effects in the spin-orbit part of the optical potential 1-50578
- Sakaguchi, H. see Matsuoka, N. 1-707
- Sakaguchi, H. see Takao, K. 1-43486, 1-48477
- Sakaguchi, K., Sasaki, K. Friction properties and temperature on contact surface of nylon 1-48523
- Sakaguchi, M., Ohta, M., Nozawa, T., Takada, M. The phase transition phenomenon in metal phthalocyanine crystals 1-11857
- Sakaguchi, M. see Ono, Y. 1-46258
- Sakaguchi, S. see Kawachi, M. 1-33833
- Sakaguchi, S. see Kimura, T. 1-11208, 1-41847
- Sakaguchi, T. see Akagawa, K. 1-24865
- Sakai, A., Tatsuzaki, I. Raman spectra of $\text{RBH}_3(\text{SeO}_3)_2$ above and below the phase transition 1-39078
- Sakai, A. see Shirashi, T. 1-26997
- Sakai, E. see Terada, H. 1-1001
- Sakai, H., Gunnlaugsson, E., Tomasson, J., Rouse, J.E. Sulfur isotope systematics in Iceland geothermal systems and influence of seawater circulation at Reykjanas 1-22365
- Sakai, H., Shimizu, A., Ejiri, H., Shibata, T., Okada, K., Kishimoto, T., Maeda, K. Pre-equilibrium process for $^{175}\text{Lu}(p,xn\gamma)$, $^{174}\text{Yb}(\text{He},xn\gamma)$, and $^{174,176}\text{Yb}(\alpha,xn\gamma)$ reactions 1-691
- Sakai, H. see Ejiri, H. 1-33237
- Sakai, H. see Yoshimi, T. 1-13054
- Sakai, J., Kimura, T. Fields in a curved optical fiber 1-41849
- Sakai, J. see Imoto, N. 1-19444
- Sakai, J. see Kawata, T. 1-5166, 1-36523
- Sakai, J. see Nishikawa, K.-I. 1-24946
- Sakai, J.-I., Kimura, T. Design of a miniature lens for semiconductor laser to single-mode fiber coupling 1-15274
- Sakai, J.-I. see Yamada, J.I. 1-15275
- Sakai, K., Noguchi, A. Dark soliton in long and short wave resonant interaction 1-18033
- Sakai, K. see Hishida, H. 1-23727
- Sakai, K. see Noda, Y. 1-51501
- Sakai, K. see Shirasaka, T. 1-46447
- Sakai, K. see Shiofuku, J. 1-18300
- Sakai, K. see Takanishi, T. 1-46737
- Sakai, K. see Yoshida, T. 1-46302
- Sakai, M. Binding energies of the $1g_{9/2}$ and $1h_{11/2}$ neutron and average two-body effective interactions V_{nn} and V_{nn} 1-643
- Sakai, N. Perturbative quantum-chromodynamic corrections to the hadronic decay width of the Higgs boson 1-14348
- Sakai, O., Kurita, H., Kotani, A. Resonant light scattering and luminescence in exciton-phonon system. II. Extended analysis by a simplified balance equation 1-26190
- Sakai, O. see Kurita, H. 1-26189
- Sakai, S., Aoki, T., Tobe, M., Umeno, M., Ame-miya, Y. Integrated light emitters and photodetectors for dual-channel optical communication 1-11174
- Sakai, S., Morokuma, K. Ab initio studies on the electronic structure of the FSO radical 1-18997
- Sakai, S., Umeno, M. Theoretical analysis of new wavelength-division solar cells 1-13123
- Sakai, S., Umeno, M. Theoretical analysis of simplified four wavelength division solar cell system 1-43761
- Sakai, S. see Tobe, M. 1-6681
- Sakai, T., Watanabe, A. Thermal expansion of sintered oxyhydrides in the system $\text{AlN}-\text{Al}_2\text{O}_3$ 1-42554
- Sakai, T. see Ito, T. 1-19992
- Sakai, T. see Matsushita, T. 1-7657
- Sakai, T. see Nakagawa, S. 1-46636
- Sakai, T. see Ukita, T. 1-37728
- Sakai, T. see Yamagata, K. 1-34908
- Sakai, Y., Anno, T. A supplementary note to general formulas for the evaluation of the valence orbital ionization potentials for the $\text{K}(2)\text{L}(8)3s^m3p^n$ atoms and for the lower excited configurations of the first and the second-row atoms 1-41507
- Sakai, Y. see Katsumata, I. 1-19979
- Sakai, Y. see Shikama, T. 1-39581, 1-48585
- Sakairi, H. see Koyama, A. 1-43230
- Sakaji, Y. see Kamiura, Y. 1-2910
- Sakajiri, N. see Asano, S. 1-4474
- Sakajiri, N. see Sasaki, T. 1-41277
- Sakaki, H. Scattering suppression and high-mobility effect of size-quantized electrons in ultrafine semiconductor wire structures 1-47636
- Sakaki, H., Misawa, M., Fujii, Y. A new optical heterodyne detector with integrated diffraction grating 1-24537
- Sakaki, H., Sekiguchi, Y., Dian Chao Sun, Taniguchi, M., Ohno, H., Tanaka, A. Schottky-barrier properties of nearly-ideal ($n \approx 1$) Al contacts on MBE and heat cleaned GaAs surfaces 1-47733
- Sakaki, H. see Nitayama, A. 1-47555
- Sakakibara, M., Yonemura, Y., Tanaka, Z., Matsumoto, S., Fukuyama, K., Matsuura, H., Murata, H. Vibrational spectra and crystal structure of ethyl methyl sulfide-mercury(II) chloride complex 1-25245
- Sakakibara, M., Yonemura, Y., Tanaka, Z., Matsuura, H., Murata, H. Vibrational spectra and molecular conformations of 1,5-dichloro- and 1,5-dibromopentanes and 1,6-dichloro- and 1,6-dibromohexanes 1-28969
- Sakakibara, S. Renormalization effects on the weak mixing angle in the standard Weinberg-Salam model 1-10123
- Sakakibara, S. see Makino, M. 1-45702
- Sakakibara, T. see Ikezaki, K. 1-52342
- Sakakibara, Y. see Temmyo, J. 1-24641
- Sakalas, A. Intrinsic defects in cadmium selenide 1-11745
- Sakalas, A. see Ketis, B.P. 1-20827
- Sakalas, A. see Valiukenas, V. 1-47230
- Sakalas, A.P. see Griscenka, G.A. 1-20748
- Sakalas, A.P. see Valiukenas, V.J. 1-42836
- Sakamaki, T., Hosoya, S., Fukamachi, T. A white-X-ray four-circle diffractometer 1-407
- Sakamoto, H., Kiura, T., Iso, Y. Measurement of two-tone suppression in a nonlinear basilar membrane model 1-49000
- Sakamoto, H. see Fujita, H. 1-19799
- Sakamoto, H. see Hatanaka, K. 1-33255
- Sakamoto, H. see Sakaguchi, H. 1-50578
- Sakamoto, K. see Nakamura, N. 1-35835
- Sakamoto, K. see Ono, T. 1-53824
- Sakamoto, M., Imai, Y. Effects of alloying elements on the rate of precipitation of iron-nitrides from alpha-iron 1-31462
- Sakamoto, M., Yamada, T. Plastic deformation in highly-concentrated KCl-KBr solid solution single crystals from 1.6K to 923K 1-25358
- Sakamoto, M. see Umeno, M. 1-263
- Sakamoto, S. see Fuke, K. 1-8539
- Sakamoto, S. see Sato, N. 1-15717
- Sakamoto, T. see Honda, K. 1-43491
- Sakamoto, T. see Nakagawa, K. 1-3897
- Sakamoto, Y., Ibat, A., Kojima, S., Ohtani, T. New MnAlC permanent magnets exhibiting macroscopically-plane magnetic-anisotropy 1-12280
- Sakamoto, Y., Ishibe, Y., Yano, K., Oyama, H., Tanaka, Y., Fujisawa, N., Matsuzaki, Y., Suzuki, N., Maeno, K., Yamamoto, T., Yokokura, K. Electron cyclotron resonance discharge cleaning of JFT-2 Tokamak (JAERI) 1-29922
- Sakamoto, Y., Ishibe, Y., Yano, K., Oyama, H., Tanaka, Y., Fujisawa, N., Matsuzaki, Y., Suzuki, N., Maeno, K., Yamamoto, T., Yokokura, K. ECR discharge cleaning of JFT-2 Tokamak 1-29941
- Sakamoto, Y. see Inoue, K. 1-28785
- Sakamoto, Y. see Oyama, H. 1-29927
- Sakamoto, Y. see Toyama, F.M. 1-36965
- Sakanaka, P.H. see Galvao, R.M.O. 1-51929
- Sakao, F. Two point calibration of the lineariser for a hot-wire anemometer 1-19845
- Sakas, J.G. Street lighting by sunlight 1-21851
- Sakashita, S. see Yokosawa, M. 1-13870
- Sakata, A. see Munakata, H. 1-22655
- Sakata, F. see Muramori, T. 1-33213
- Sakata, H. Chromatic spatio-temporal frequency response of human vision-color difference discrimination 1-43879
- Sakata, H. see Yokobori, T. 1-25364, 1-26588, 1-26589
- Sakata, I., Hayashi, Y. Simple analytical methods for determining optical constants for thin films—Their application to amorphous silicon 1-53007
- Sakata, M., Cowling, N., Davies, H.A. Measurements of compositional order in binary metallic glasses 1-30086
- Sakata, M., Funada, T. Effects of the surface deformation on Marangoni instability in chemical reaction 1-51770
- Sakata, M. see Aoki, S. 1-3892, 1-26587
- Sakata, M. see Cooper, M.J. 1-29959
- Sakata, M. see Kishimoto, K. 1-1880, 1-24747
- Sakata, M. see Munakata, H. 1-22655
- Sakata, M. see Ohta, E. 1-47672
- Sakata, T. Natural frequencies of orthotropic rectangular plates with stepped thickness 1-51715
- Sakata, T., Sakata, Y. Vibrations of a taut spring with stepped mass density 1-1871
- Sakata, T. see Tributsch, H. 1-52652
- Sakata, Y. see Sakata, T. 1-1871
- Sakhalkar, U.H., Nandeswaraiya, N.S. Study of the performance of refrigerant 502 in comparison to refrigerant 22 in an open type refrigerating system 1-23244
- Sakharov, A.D. Cosmological models of the universe with reversal of the time arrow 1-9752
- Sakharov, B.N. see Strygin, V.D. 1-8451
- Sakharov, S.L. see Alexeev, V.L. 1-639
- Sakharov, V.P. see Garkusha, V.I. 1-24339
- Sakharov, V.V. see Neumeccheva, S.N. 1-12696
- Sakharov, Ya.A. see Agulyanski, A.I. 1-7361
- Sakharova, S.G. see Dekhtyar, I.Ya. 1-7208, 1-25788
- Sakhnenko, V.P., Talanov, V.M. Displacive phase transitions in crystals of cubic symmetry. Shear deformations 1-2595
- Sakhnenko, V.P. see Iliev, M.P. 1-7317
- Sakhno, V.M. see Vintaikin, E.Z. 1-3144
- Sakhnorskii, M.Yu. see Guminetskiy, S.G. 1-1658
- Sakino, H., Hashimoto, A., Uchimura, Y., Tateishi, S., Akiyama, T. Note on heavy metal concentration in the aquatic environment of the Kitakyushu district in Japan, 1976-1977 1-17636
- Sakisaka, Y., Kato, H., Nishijima, M., Onchi, M. Electron energy-loss spectra of clean and hydrogen-covered $\text{Cr}(110)$ surfaces 1-16638
- Sakisaka, Y. see Kato, H. 1-3549
- Sakiyama, M. see Yoshizawa, A. 1-24773
- Sakizi, Y. see Matsumoto, M. 1-7506
- Sakka, S., Kamiya, K. Glasses from metal alcohols 1-31408
- Sakka, S., Nishiyuki, T. Absorption spectra of Ni^{2+} ions in $\text{Na}_2\text{O}-\text{Al}_2\text{O}_3-\text{B}_2\text{O}_3$, $\text{CaO}-\text{Al}_2\text{O}_3-\text{B}_2\text{O}_3$ and $\text{Na}_2\text{O}-\text{SiO}_2$ glasses 1-21216
- Sakka, S. see Kamiya, K. 1-31407
- Sakka, Y. see Oishi, Y. 1-34521, 1-52332
- Sakkarapani, S. see Namasiyayam, R. 1-14855
- Saknid, S. see Mebed, M.M. 1-2721
- Sako, K. see Sugawara, T. 1-6024
- Sako, O. Stochastic analysis of nonlinear point reactor systems with colored multiplicative noise 1-739
- Sakoda, S., Tsuboi, T. Electronic structure of the Ti^{3+} center in KCl. I. Relation to the A, B, and C bands 1-25658
- Sakoda, S. see Tsuboi, T. 1-26246
- Sakota, V. see Abdrakhmanov, E.O. 1-722
- Sakoto, M. see Pigeaud, P. 1-49866
- Sakovich, V.A. see Vorob'ev, E.I. 1-28715
- Sakowitsch, M. see Puech, M. 1-38456
- Sakr, I.A., Abdel Hafez, M.S., Hegazy, A.S. Combination of wind and solar energies at the northern coast of Egypt 1-21853
- Sakr, I.A., Hegazy, A.I. Flat plate boosters for elevating temperatures 1-17254
- Sakr, I.A. see Mousa, M.M. 1-17292
- Sakr, I.A. see Youssef, S.W. 1-17276
- Sakr, M.S. see Youssef, T.H. 1-53205
- Saks, N.S. see Killiany, J.M. 1-5396
- Saksena, M.P. see Praburham 1-29101
- Saksena, M.P. see Saksena, P. 1-37297
- Saksena, P., Saksena, M.P. Rotational relaxation and its temperature dependence for para-hydrogen 1-37297
- Saktreger, R. see Balint-Kurti, G.G. 1-1310
- Sakudo, N. see Tokiguchi, K. 1-6974
- Sakuma, E. Measurements of the frequency difference between CO_2 laser lines by using harmonics of an X-band microwave frequency 1-19322
- Sakuma, E. see Kumashiro, Y. 1-19981, 1-31342
- Sakuma, I. see Furuse, T. 1-29280
- Sakuma, T., Nakayama, T., Tamura, S. Surface-mode phonons. Their application to solid state physics 1-47353
- Sakun, V.P. Theory of $\nu(\text{AH})$ vibration IR band-shapes of weak and moderately strong hydrogen-bonded complexes in liquids 1-48052
- Sakuraba, I. see Mishima, T. 1-24459
- Sakuraba, I. see Sasaki, S. 1-19388
- Sakuraba, I.C. see Sasaki, S. 1-6619
- Sakuraba, J. see Horike, H. 1-23920
- Sakuraba, J. see Tanaka, S. 1-23901
- Sakurada, M. EPR studies of axial ligation of low-spin cobalt(II) Schiff base complexes with Lewis bases and CO 1-47934
- Sakurai, H. New international temperature scale below 30K 1-14092
- Sakurai, J. Magnetoresistance of $\text{Gd}(\text{Al}_{1-x}\text{Cu}_x)_2$ 1-7589
- Sakurai, J., Kawamura, S., Mori, H., Nakano, M. Lateral epitaxial growth in poly-Si film over SiO_2 from single-Si seed by scanning CW Ar laser annealing 1-52451
- Sakurai, J.J. Phenomenological implications of quantum flavor dynamics 1-14361

- Sakurai, K. The solar activity in the time of Galileo 1-32634
- Sakurai, K. see Kikuchi, K. 1-41806
- Sakurai, K. see Mitsuhashi, Y. 1-6598
- Sakurai, K. see Ohkubo, K. 1-11576, 1-46902
- Sakurai, K. see Toi, K. 1-19946, 1-46911
- Sakurai, T. Newtonian model of a hypersonic rotating flow past a system of circular discs 1-6869
- Sakurai, T. Calculation of force-free magnetic field with non-constant α 1-54450
- Sakurai, T., Sugano, T. Tight-binding studies of Si-SiO₂ system 1-38853
- Sakurai, T. see Furuya, T. 1-15915
- Sakurai, T. see Iwasaki, S. 1-46295
- Sakurai, T. see Kimura, T. 1-25215
- Sakurai, T. see Melmed, A.J. 1-53059
- Sakurai, T. see Mikawa, T. 1-45006
- Sakurai, Y. see Araki, Y. 1-47918
- Sakurai, Y. see Chihara, K. 1-22089
- Sakurai, Y. see Matsumoto, H. 1-40843
- Sakurai, Y. see Miyama, T. 1-12370
- Sakurai, Y. see Numata, T. 1-11077
- Sakurai, Y. see Tsujimoto, H. 1-12362
- Sakuta, T., Kito, Y., Miyachi, I. Practical evaluation of copper vapor concentration in high current air arcs 1-15738
- Sala, K.L., Kenny-Wallace, A., Hall, G.E. CW autocorrelation measurements of picosecond laser pulses 1-1607
- Sala, M. see Pitumada, D. 1-50713
- Sala, O. see Tellez, C. 1-10730
- Sala, S. see Albini, E. 1-23999
- Saladin, J.J. see Bohman, C.E. 1-35766
- Saladin, J.J. Electromagnetic properties of excited bands 1-664
- Saladin, J.J. see Alessi, J.G. 1-36897
- Saladin, J.J. see Bakhtash, K. 1-18596
- Saladin, J.J. see Humancic, T.J. 1-41046
- Saladin, J.J. see Klema, E.D. 1-28792
- Salaev, A.V. see Ismailov, V.V. 1-31817
- Salaev, E.F. see Abdinov, A.Sh. 1-3020, 1-3021
- Salaev, E.Yu. see Allahverdiev, K.R. 1-8073, 1-35042
- Salaev, E.Yu. see Belenkiy, G.L. 1-52915
- Salaev, E.Yu. see Gezalov, M.A. 1-47056
- Salagram, M. see Radhakrishna, S. 1-39129
- Salah, S. see Kern, R.C. 1-10467
- Salahub, D.R., Le, Chi Niem, Roche, M. Chemisorption of oxygen atoms on aluminum (110): a molecular orbital cluster study 1-16188
- Salahub, D.R. see Messmer, R.P. 1-7464
- Salahub, D.R. see Mrozek, J. 1-19029
- Salak, A. Sintered manganese steels. II. Manganese evaporation during sintering 1-3666
- Salak, A. Structure of manganese alloyed sintered steels. I. Base powder atomised iron 1-16715
- Salak, A. Structure of manganese alloyed sintered steels. II. Base powder Hametag iron 1-39270
- Salam, A. A gauge appreciation of developments in particle physics-1979 1-10094
- Salam, A., Elias, V. Induced Higgs couplings and spontaneous symmetry breaking 1-10078
- Salam, M.S. Abdel see Abdel Salam, M.S.
- Salam, R. The electrical properties of zinc silicate composite films on silicon 1-3082
- Salama, K., Ko, C.R. Effect of hydrogen on the temperature dependence of the elastic constants of palladium single crystals 1-42447
- Salamero, Y., Biot, A., Brunet, H., Dijols, H., Galy, J., Millet, P., Montagne, J.P. Energy transfer kinetics of the VUV emissions for Kr-Xe mixtures 1-41477
- Salamero, Y. see Galy, J. 1-46092
- Salamero, Y. see Millet, P. 1-41393
- Salamo, G.J. see Day, R.-L. 1-46030
- Salamo, G.J. see Newbold, M.A. 1-14838
- Salamon, M.B. see Shang, H.-T. 1-20980
- Salamon, M.B. see Yeshurun, Y. 1-7839
- Salamon, M.H., Ahlen, S.P., Tarle, G., Crebbin, K.C. Measurement of higher-order corrections to stopping power for relativistic Ne, Ar, and Fe beams 1-25344
- Salamon, T.I. see Schmieder, D. 1-46296
- Salamov, D.I., Pyatov, N.I., Buznat, M.F. Coulomb isospin mixing of nuclear states 1-45382
- Salaneck, W.R. see Thomas, H.R. 1-35146
- Salariya, A.K., Pittman, J.F.T. Preparation of aligned discontinuous fiber pre-pregs by deposition from a suspension 1-35231
- Salas, M.D. Careful numerical study of flowfields about symmetric external conical corners 1-2020
- Salaschenko, N.N. see Gaponov, S.V. 1-38846
- Salat, A. see Rehban, E. 1-34056
- Salathe, D. see Kwasnitza, K. 1-48301
- Salathe, E.P., Wang, T.-C., Gross, J.F. Mathematical analysis of oxygen transport to tissue 1-26871
- Salathe, R.P., Weber, H.P., Badertscher, G. Raman scattering for diagnostics of thin laser annealed Ge-films on glass substrates 1-21285
- Salatskiy, V.I. see Popov, Yu.P. 1-10385
- Salayev, F.M. see Ismailzade, I.H. 1-36709
- Salazar, J.M., Calleja, F.J. Long periods in melt crystallized polyethylene two coexisting structures? 1-35249
- Salce, B. see de Goer, A.M. 1-20486
- Salcedo, J. see Goedgebeur, J.P. 1-46588
- Salceduan, M., Bui, T.M. Heat transfer during the rewetting of hot horizontal channels 1-750
- Saldin, E.L. see Kondratenco, A.M. 1-1470, 1-10570
- Saldin, E.L. see Zholentz, A.A. 1-14381
- Sale, F.R. see Dawson, W.M. 1-25461
- Saleem, M., Avasthi, M.N., Et-Gemal, M.T. Thermoelectric power of superionic conductor Ag₂I₂PO₄ 1-30453
- Saleem, M., Fazal-e-Aleem Neutron-proton elastic scattering at high energies 1-589
- Saleem, M., Fazal-e-Aleem Study of Fermilab data for the reaction $\pi^-p \rightarrow \pi^0 n$ 1-50459
- Saleem, M., Fazal-e-Aleem, Kamran, M. Dipole pomeron and proton-proton elastic scattering at high energies 1-41011
- Saleem, M., Rashid, H. Study of the $K^-n \rightarrow \Delta\pi^-$ and $K^-p \rightarrow \Delta^0$ reactions 1-45344
- Saleem, M. see Khan, G.M. 1-11883
- Saleh, A.F., Dubey, K.S. Effect of empty spaces on the lattice thermal conductivity of polyethylene at low temperatures 1-34524
- Saleh, A.F., Dubey, K.S. Lattice thermal conductivity of polyethylene in the temperature range 1-20K 1-38604
- Saleh, A.F., Misho, R.H., Dubey, K.S. Correction to lattice thermal conductivity due to three phonon normal processes in the presence of dislocations in the frame of the generalized Callaway integral 1-2710
- Saleh, B.E.A. Wiener restoration of defocused partially coherent images 1-10932
- Saleh, B.E.A., Rabbani, M. Linear filtering of speckled images 1-24361
- Saleh, M., Danofsky, R.A., Hendrickson, R.A. Detector adjoint spatial characteristics related to two-detector noise measurements of steam velocity 1-50872
- Saleh, S.A. see Bishay, A. 1-31414
- Saleh, Y., Margolin, H. Low cycle fatigue behavior of Ti-Mn alloys: cyclic stress-strain response 1-8426
- Salehi, H. see Flinn, E.A. 1-16630
- Salehi, M. see Flinn, E.A. 1-8173
- Salei, V.S. see Kuleshova, T.B. 1-35513
- Salem, A. see Peube, J.-L. 1-42007
- Salem, F.B. see Shawki, G.S.A. 1-34600
- Salem, M.F. see Kindy, H.M. 1-21388
- Salem, S.I., Dev, B. Evidence of one-photon, two-electron excitation in the X-ray absorption spectra of germanium 1-26304
- Salemink, H.W.M., van Kempen, H., Wyder, P. Ballistic-phonon pulses in a solid-liquid He-II interface 1-2797
- Salerno, V. see Busico, F. 1-8762
- Sales, B.C. see Turner, J.E. 1-48735
- Sales, W.L., Barker, R.E., Hershey, R.B. A remotely operated organic liquid waste incinerator for the Fuels and Materials Examination Facility 1-23824
- Saleses, A. see Arrizabalaga, Ph. 1-28994
- Salete, M., Leite, S.C.P. Radioluminescence of rare gases 1-24924
- Salete, M., Leite, S.C.P., Policarpio, A.J.P.L., Alegria Feio, M., Alves, M.A.F. The use of rare gas mixtures in the photoionization proportional scintillation chamber 1-23957
- Saletskii, A.M. see Levshin, L.V. 1-43161
- Salesky, F.C. see Betts, D.D. 1-32926
- Salge, J., Karner, H., Labrenz, M., Scheibe, K., Braumann, P. Characteristics of ozonizers supplied by fast rising voltages 1-15702
- Salghetti, F. see Albini, A. 1-35720
- Salgo, C. see Chelli, L. 1-28676
- Salgueiro, L., Ferreira, J.G., Carvalho, M.L., Ramos, M.T. L subshell ionisation of tungsten by low-energy electrons 1-6391
- Salibekov, S.E. see Ovcharenko, V.E. 1-39282
- Salicio, J. see Aguilar-Benitez, M. 1-5646, 1-23517
- Salicio, J. see Loverre, P.F. 1-18512
- Salieva, O.G. see Pirch, J.L. 1-16964
- Salieva, O.G. see Rykalkin, N.N. 1-2801
- Salih, S.M. see El-Sayed, K. 1-15932
- Salikhbaev, U.S. see Alikov, B.A. 1-659, 1-45459
- Salikhbaev, V.S. see Alikov, B.A. 1-45385
- Salikhov, Kh.M. see Andrusch, A.I. 1-44897
- Salikuddin, M., Dean, P.D., Plumblee, H.E., Jr., Ahuja, K.K. An impulse test technique with application to acoustic measurements 1-6732
- Salimullah, M. Excitation of ion acoustic waves at the difference frequency of two microwave beams in a semiconductor 1-52593
- Salimullah, M., Majid, F., Tripathi, V.K. Stimulated Brillouin scattering of laser radiation in n-GaAs 1-46454
- Salimullah, M. see Majid, F. 1-43123
- Salin, A. What future for the molecular approximation to atomic collision? 1-10807
- Salin, A. see Miraglia, J.E. 1-46071
- Salin, D. see Lambert, B. 1-2731, 1-16122
- Salinari, P. see Moorwood, A.F.M. 1-17888, 1-54588
- Salinari, P. see Williams, P.M. 1-54531
- Salinas, S.R. see Figueiredo, W. 1-30901
- Salinger, J., Fitzharris, B.B. Air temperature near a hydro lake at Roxburgh, New Zealand 1-13560
- Salisbury, I.G. Defects in annealed Czochralski silicon 1-20243
- Salishchev, G.A. see Kaibyshev, O.A. 1-16843
- Salita, O.P. see Lavrentev, F.F. 1-16852
- Salivon, G.I. see Pogorelov, V.E. 1-35058
- Salivonov, I.N. see Kalitenko, V.A. 1-31104
- Salje, E., Hoppmann, G. High-pressure transformations of tungsten trioxide 1-20374
- Salje, E., Hoppmann, G. Small-polaron absorption in W₂Mo₂O₃ 1-42705
- Salje, E. see Bismayer, J. 1-48330
- Salje, E. see Schirmer, O.F. 1-34636
- Salkauskas, M. see Paulavicius, R. 1-16926
- Sal'kov, E.A., Mozol, P.E., Patskun, I.I., Eekesh-gazi, I.V., Korets, N.S., Tychina, I.I. Two-quantum spectroscopy of impurity centres in cadmium diphosphate 1-21250
- Sal'kov, E.A., Tarbaev, N.I., Shepel'skii, G.A. New absorption bands of CdS deformed plastically at low temperatures 1-12535
- Sal'kov, E.A., Tarbaev, N.I., Shepel'skii, G.A. Photoconductivity of cadmium sulfide and low-temperature plastic deformation 1-38815
- Sal'kov, E.A. see Mozol, P.E. 1-19381
- Sal'kov, E.A. see Vlasenko, A.I. 1-2993
- Sal'kova, E.N. see Vintselskii, V.L. 1-33639
- Sallaba, H. see Diels, J.-C. 1-51530
- Sallach, R.A. see Smaardyk, J.E. 1-50825
- Sallao, A. see Giordano, R. 1-17441
- Sallao, S. see Giordano, R. 1-17441
- Saller, H. see Durr, H.P. 1-482, 1-40927
- Saller, H. see Jacob, P. 1-45174
- Salles, Y. The present and future of photo-cells 1-39777
- Salles-Cunha, S. see Battocletti, J.H. 1-43891
- Salles-Cunha, S.X., Battocletti, J.H., Sances, A., Jr. Noninvasive electromagnetic blood flowmetry: multivessel models for quantitation and analysis of flow-induced signals 1-35740
- Salles-Cunha, S.X., Halbach, R.E., Battocletti, J.H., Sances, A. Nuclear magnetic resonance (NMR) cylindrical blood flowmeter: in vitro evaluation 1-35858
- Salles-Cunha, S.X. see Myklebust, J.B. 1-53914
- Sallhofer, H. Elementary derivation of the Dirac equation. IV 1-442
- Salman, N.N., Park, J.B. The effect of direct electrical current stimulation on the bone/porous metallic implant interface 1-32309
- Salman, N.N. see Park, J.B. 1-32105
- Salman, S.R. see Schaefer, T. 1-51222
- Salmanov, A.R. see Batavin, V.V. 1-16917
- Salmanov, G. see Musielak, B. 1-4918
- Salmeron, E. see Corden, M.J. 1-28352
- Salmeron, R. see Corden, M.J. 1-14429
- Salmeron, R. see Corden, M.J. 1-14428
- Salmin, A.V. see Joensuu, S.A. 1-240
- Salminen, O. see Jaaskelainen, T. 1-1524
- Salmistraro, F. see Catenacci, R. 1-5177
- Salmon, A. The transport of highly radioactive materials 1-41191
- Salmon, E.M., Smith, P.J. A synoptic analysis of the 25-26 January 1978 blizzard cyclone in the central United States 1-9197
- Salmon, G.L. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Salmon, R. Baroclinic instability and geostrophic turbulence 1-49326
- Salmon, R., Graciet, M., Le Flem, G., Hagenmuller, P. Influence of the allotropic variations of Bi₂O₃ on the electrical characteristics of zinc oxide based varistors 1-20148
- Salmon, R. see Parent, C. 1-34323
- Salmon, R. see Vlasse, M. 1-25239
- Salmon, H., Cahalan, R.F., North, G.R. Latitude-dependent sensitivity to stationary perturbations in simple climate models 1-49378
- Sal'nikov, A.S. see Kuznetsov, V.L. 1-22258
- Sal'nikov, O.A. see Lovchikov, G.N. 1-41116
- Saloikhidin, K.I., Dzhagarov, B.M., Bytva, I.M., Gurinovich, G.P. Photosensitized luminescence of singlet oxygen in solutions at 1588 nm 1-14954
- Salomaa, M., Pethick, C.J., Baym, G. Mobility tensor of negative ions in superfluid ³He-A 1-2741
- Salomaa, M. see Beckerman, M. 1-10401
- Salomaa, M. see Schier, W. 1-41156
- Salomaa, M.M. see Efetov, K.B. 1-42599
- Salomaa, R. see Firth, W.J. 1-28905
- Saloman, E.B. see LaVilla, R.E. 1-28903
- Salomons, V.N., Parfianovich, I.A. Model of F₂(II) centers in alkali-halide crystals 1-47083
- Salome, J.M., Cools, R. Neutron producing targets at GELINA 1-37039
- Salomon, C. see Clairon, A. 1-23190
- Salomon, M. see Mazzucato, E. 1-14556
- Salomone, A., Schechter, J., Tudron, T. Properties of scalar gluonium 1-50392
- Salomone, A. see Birattori, C. 1-1024
- Salomoni, A. see Azzoni, P. 1-777
- Salomonson, P. see Girardello, L. 1-45154
- Salomonson, P. see Lang, C.B. 1-50325
- Salomonson, V.V. see Chang, A.T.C. 1-9153

- Salon, S.J. *see* Schneider, J.M. 1-6424
- Saloner, D. *see* Hussein, M.S. 1-28452
- Salour, M.M. *see* Petite, G. 1-6209
- Salour, M.M. *see* Rotman, S.R. 1-51532
- Salpeter, E. *see* Wasserman, I. 1-49487
- Salpeter, E.E. *see* Hoffman, G.L. 1-49829
- Salpeter, E.E. *see* Krumm, M. 1-9654
- Salpeter, E.E. *see* Payne, H.E. 1-9615
- Salpeter, E.E. *see* Rephaeli, Y. 1-13864
- Salsmann, J.L. *see* Jalilov, J.M. 1-3771, 1-43369
- Salt, A., Lunney, D., Hartness, R. General purpose talking laboratory instrument for the visually handicapped 1-40779
- Saltanov, G.A. *see* Bazhin, M.A. 1-42105
- Salter, C.J. *see* Downes, A.J.B. 1-27585
- Salter, C.J. *see* Haslam, C.G.T. 1-32741
- Salter, J.A.M. *see* Amundsen, T. 1-47312
- Salter, J.M. *see* Lewis, E.L. 1-45893
- Salterskaya, L.M. *see* Belostotskaya, L.A. 1-12695
- Salterskaya, L.M. *see* Ryschenko, M.I. 1-12898
- Salt'evskii, G.I. *see* Kravchenko, V.V. 1-20894
- Saltibhouse, A.J. *see* Crabb, D.G. 1-14413
- Saltibhouse, A.J. *see* Crosbie, E.A. 1-45340
- Saltiel, E., Malgrange, J.L. 'Spontaneous' ways of reasoning in elementary kinematics 1-37
- Saltiel, J., Eaker, D.W. Lifetime and geometry of 1-phenyl-2-(2-naphthyl)ethene triplets. Evidence against the triplet mechanism for direct photoisomerization 1-12968
- Saltiel, S.M. *see* Rostovtseva, V.V. 1-6618
- Saltmarsh, M.J. *see* Milora, S.L. 1-33346
- Salto, S. *see* Matsumura, K. 1-10720
- Saltov, J.R. *see* Swanson, M.L. 1-23771
- Saltikov, P.A. *see* Chudinov, N.M. 1-52470
- Saltikova, V.A. *see* Fedorov, S.F. 1-34972
- Saltikovskiy, A.Ya. *see* Genshaft, Yu.S. 1-13429
- Saltzman, J. *see* Grossmann, W. 1-38130
- Salvado, C., Minster, J.B. Slipping interfaces: a possible source of S radiation from explosive sources 1-22225
- Salvador, P. The behaviour of aluminium-doped n-TiO₂ electrodes in the photoassisted oxidation of water 1-20801
- Salvador-Sole, E. *see* Capelato, H.V. 1-22902
- Salvadori, P. *see* Amendolia, S.R. 1-18959, 1-18960
- Salvan, F. *see* Cros, A. 1-30575, 1-48548
- Salvan, F. *see* Gaspard, J.P. 1-7699
- Salvarezza, R.C., Videla, H.A. Passivity breakdown of mild steel in sea water in the presence of sulfate reducing bacteria 1-53337
- Salvat, F., Parellada, J., Rothberg, G.M. Relation between internal conversion coefficient and electron density at the nucleus for spin polarized Fe electrons 1-33241
- Salvati, L., Jr., Jones, G.L., Hercules, D.M. An X-ray photoelectron (ESCA) and laser Raman spectroscopic investigation of aluminum perhenate 1-16554
- Salvendy, G. *see* Knight, J.L., Jr. 1-13339
- Salvetti, G. *see* Atteo, E. 1-1555, 1-51464
- Salvi, M. *see* Bourguet, P. 1-42405
- Salvi, M. *see* Carcano, A. 1-11185
- Salvi, R. *see* Azorin, J. 1-960
- Salvi, R. *see* Espinosa, G. 1-3513
- Salvi, S.V. *see* Bhat, N.V. 1-12601
- Salviati, G.C. *see* Manfredi, M. 1-34347
- Salvo, C. *see* Greene, F. 1-26413
- Salvo, E.D. *see* Di Salvo, E.
- Salvo, F.J. *see* Di Salvo, F.J.
- Salvo, R. *see* De Salvo, R.
- Saly, V. *see* Ruzinsky, M. 1-52893
- Salyadinov, V.S. *see* Bonch-Bruевич, A.M. 1-51959
- Salyan, Ya.V. *see* Nefedov, V.I. 1-42616
- Saltzberg, B.M. *see* Senseman, D.M. 1-4261
- Saltzborn, E. *see* Fricke, J. 1-10604
- Saltzborn, E. *see* Seim, W. 1-24244
- Saltzer, K. Determination of the NMR-shielding and of magnetic susceptibility by calculation of the current density of diamagnetic molecules by the finite element method 1-1253
- Saltzman, G.C., Hiebert, R.D., Jett, J.H., Bartholdi, M. High-speed single particle sizing by light scattering in a flow system 1-27925
- Saltzman, D. Accuracy of the calculations of the ionization-state densities in a steady-state plasma 1-15596
- Saltzman, M. *see* Hoffmann, W. 1-6056
- Sam Choi Sang *see* Sang Sam Choi
- Samaddar, S.K., Sperber, D., Zielinska-Pfabe, M. Role of single particle transfer in heavy ion fusion 1-33276
- Samaddar, S.K., Sperber, D., Zielinska-Pfabe, M., Sobel, M.I., Garpmann, S.I.A. Thermal fluctuations in a classical theory with shape degrees of freedom for heavy ion collisions 1-41136
- Samaddar, S.K. *see* Mooney, P. 1-28496
- Samaddar, S.K. *see* Morison, W.W. 1-45559
- Samaia, A. *see* Dubois, M. 1-6953
- Samak, C. *see* Bonnemay, A. 1-28678
- Samanta, B.C. *see* Dey, M. 1-45443
- Samanta, C. *see* Cowley, A. 1-23658
- Samanta, C. *see* Nadsen, A. 1-5782
- Samanta, P., Hall, R.E., Kerr, W. Sensitivity of risk parameters to human errors for a PWR 1-41212
- Samara, G.A. Pressure and temperature dependences of the ionic conductivity of CsCl 1-34509
- Samara, G.A. High pressure studies of ionic conductivity in solids 1-34518
- Samara, G.A. Pressure and temperature dependences of the ionic conductivities of the thallous halides TlCl, TlBr, and TlI 1-38589
- Samarin, B.A. *see* Vlasova, L.V. 1-42983
- Samarin, P.F. *see* Voitovetskii, V.K. 1-51023
- Samarin, S.N. *see* Artamonov, O.M. 1-35102
- Samarin, V.I. *see* Krivoshechekov, G.V. 1-6587, 1-29307
- Samarina, N.M. *see* Barseg'yan, L.V. 1-16795
- Samariskii, A.A. Numerical simulation in plasma physics 1-2230
- Samariskii, A.A. *see* Kurdyumov, S.P. 1-24649, 1-26745
- Samariskii, P.G. *see* Kutovoi, V.D. 1-2233
- Samartsev, B.G., Pokrovskii, A.N., Kovba, L.M. Structure of Cs₂Yb(SO₄)₂ 1-7151
- Samartsev, V.V., Usmanov, R.G., Zuikov, V.A. Some aspects of the formation of primary and stimulated light-echo signals 1-1652
- Sambataro, S. *see* Giordano, R. 1-712
- Sambles, J.R. *see* Elsom, K.C. 1-47762
- Sambongi, T. *see* Kawabata, K. 1-52550
- Sambongi, T. *see* Takoshima, T. 1-12119
- Sambongi, T. *see* Tsutsumi, K. 1-25210
- Samborskii, O.L. *see* Ivanov, N.I. 1-25841
- Sambucetti, C.J. *see* Cutler, R.S. 1-7899
- Samchenko, I.P. *see* Fileleva, L.I. 1-39627
- Samdal, S. *see* Fernholt, L. 1-51293
- Samdal, S. *see* Hargittai, M. 1-46119
- Samedov, L.G. *see* Tagirov, V.I. 1-20660
- Samedov, O.V. *see* Bernshteyn, M.L. 1-35332
- Samek, L. Nonlinear oscillations of gas bubbles in liquids 1-15534
- Samek, L. Cavitation 1-46792
- Samek, L. Sonoluminescence 1-48176
- Samek, L. Two remarks on the dynamics of a cavitation bubble 1-51844
- Sametov, A.R., Sukhanov, I.I., Troitskii, Yu.V. Spatial self-locking of transverse modes in an He-Ne laser 1-51523
- Sami, M.A. Pulse radiolysis of solutions of trans-stilbene in liquid methylamine at 298K 1-21743
- Sami, M.A. Pulse radiolysis of solutions of anthracene in liquid methylamine at 298K 1-43687
- Sami, S.A. *see* Grover, P.S. 1-6388
- Sami, S.M. Investigation of the propagation characteristics in turbulent dispersed two-phase flow 1-11483
- Samilchuk, E.I., Rovensky, Ju.A. Surface morphology of suspended cells some methodological aspects 1-27044
- Samos, D., Dorfmueller, T. A light scattering study of vibrational relaxation in liquids. I. Pure tetrachlorides 1-21219
- Samir, U., Stone, N.H. Shuttle-era experiments in the area of plasma flow interactions with bodies in space 1-40204
- Samitov, Y.Y. *see* Bicev, S.S. 1-24172
- Samm, D. *see* Faissner, H. 1-14438
- Samm, U. *see* Faissner, H. 1-14438
- Sammann, E.A. *see* Rezek, E.A. 1-47409
- Sammells, A.F., Fejer, A.A. Wind energy for electric vehicle recharge 1-53558
- Sammelman, G.S. *see* de Witt-Morette, C. 1-28153
- Sammert, M. *see* Bruckner, R. 1-3241
- Sammier, R. *see* Sager, G. 1-44197
- Sammon, M. *see* McComb, S. 1-38275
- Sammur, R.A., Pask, C. Simplified numerical analysis of optical fibres and planar waveguides 1-41843
- Samoc, M., Gilbert, C., Webb, J.B., Williams, D.F. DC and AC conductivity of doped amorphous organic films: tetrathiotetracene and o-chloranil 1-2957
- Samoc, M., Siebrand, W., Webb, J.B., Williams, D.F. On the involvement of triplet excitons in a two photon generation of charge carriers in anthracene 1-25755
- Samoc, M. *see* Miniewicz, A. 1-31092
- Samofalov, K.G. *see* Balyuk, V.V. 1-9099
- Samoilenko, A.A., Makoveeva, N.P., Bogachev, Yu.S., Shapet'ko, N.N. ¹H, ²D, and ¹³C NMR study of the trifluoroacetate-trifluoroacetic acid system in CH₂Cl₂ 1-6285
- Samoilenko, L.I. Stabilization of the transverse oscillations in an electron-ion ring by an external system with parametric excitation 1-979
- Samoilenko, M.V. *see* Nikolaev, A.V. 1-46895
- Samoilenko, V.T. *see* Gusev, V.N. 1-36141
- Samoilenko, Yu.I. *see* Butkovskii, A.G. 1-18075
- Samoilov, O.B. *see* Komarov, E.V. 1-10419
- Samoilov, V.B. *see* Kremenchukskii, L.S. 1-10016
- Samoilov, V.M. *see* Romanova, G.I. 1-7189
- Samoilov, V.V. *see* Batyunya, B.V. 1-600
- Samoilova, L.Yu. *see* Filimoncheva, P.I. 1-999
- Samoilova, T.V. *see* Zimkin, I.N. 1-2453
- Samoilovich, D.M., Zeichner, A., Friesen, A.A. The mechanism of volume hologram formation in dichromated gelatin 1-10946
- Samoilovich, M.I. *see* Avesov, A.D. 1-20274
- Samoilovich, M.I. *see* Novozhilov, A.I. 1-7935
- Samoilovich, Yu.A., Nemzer, G.G., Kabakov, Z.K., Chesnitskaya, E.A., Loshkarev, V.E. Mathematical model of the cooling process in steel parts taking into account the decomposition of austenite 1-3800
- Samojlov, V.V. *see* Boos, E.G. 1-5661
- Samokhin, A.A. Dynamics of pulsed melting of laser-irradiated solids 1-35128
- Samokhin, A.A. *see* Korotchenko, A.I. 1-42523
- Samokhval, E.G. *see* Kochubel, S.M. 1-19131
- Samokhvalov, A.A., Gizhevskii, B.A., Loshkarev, N.N., Raevskii, V.Ya., Chebotarev, N.M. Infrared reflection spectra and properties of charge carriers in nonstoichiometric EuO_{1-x} 1-21209
- Samokhvalov, I.V. Double scattering influence on polarization characteristics of echo-signals at laser sounding of clouds 1-9249
- Samokhvalov, I.V., Sosnin, A.V., Khmel'nitskii, G.S., Shubin, S.F. Determination of the concentration of certain gases along horizontal paths in the atmosphere by means of a retuned CO₂ laser 1-53740
- Samosat, G.S. *see* Aleksandrov, Yu.A. 1-18575
- Samovol, V.A. *see* Vasilyev, M.B. 1-9395
- Samoznaev, L.N. *see* Vasilyev, M.B. 1-9395
- Sampaio, E.S. *see* Sato, H.K. 1-53974
- Sampat, K.S. *see* Burns, E.M. 1-32143
- Sampath Kumar, J., Mallikarjun Rao, S.P., Suryanarayana, M. A low noise in high gain amplifier for acoustic emission 1-19523
- Sampath Kumar, J. *see* Satyabala, S.P. 1-258
- Sampathkumaran, E.V., Gupta, L.C., Vijayaraghavan, R., Gopalakrishnan, K.V., Pillay, R.G., Devare, H.G. A new and unique Eu-based mixed valence system: EuPd₂Si₂ 1-52872
- Sampathkumaran, E.V. *see* Nagarajan, R. 1-43218
- Sampathkumaran, E.V. *see* Padalia, B.D. 1-43241
- Sampathkumaran, E.V. *see* Rao, C.N.R. 1-29034
- Sampathkumaran, E.V. *see* Vijayakumar, V. 1-38802
- Sampayan, S.E. *see* Pellinen, D.G. 1-23266
- Sampel, T., Asada, A., Nakata, K. High quality PARCOR speech synthesizer 1-6724
- Sample, H.H. *see* Rubin, L.G. 1-33011
- Sample, J.T. *see* Lam, S.T. 1-23699
- Sampoli, M. *see* De Santis, A. 1-26199
- Sampsel, T.K. *see* Krishen, K. 1-32568
- Sampson, C.F. *see* Bellamy, B.A. 1-17322
- Sampson, D.H., Clark, R.E.H. Intermediate coupling collision strengths for Δn=0 transitions produced by electron impact on highly charged ions. I. Theoretical development and application to n=2 levels in helium-like ions 1-49500
- Sampson, D.H., Clark, R.E.H., Golden, L.B. Intermediate coupling collision strengths for Δn=0 transitions produced by electron impact on highly charged ions. II. Transitions between states of the 1s²2s² and 1s²2p² configurations and those of the 1s²2s2p configuration in beryllium-like ions 1-49501
- Sampson, D.H., Golden, L.B. Ionisation cross sections with the inclusion of excitation-autoionisation contributions for ions with five or fewer bound electrons 1-45912
- Sampson, D.H. *see* Clark, R.E.H. 1-49502
- Sampson, D.R.M. *see* Vandergraff, T.T. 1-45642
- Sampson, M.B. *see* Snell, A.H. 1-22987
- Sampson, P., Gibson, R.D. A mathematical model of nozzle blockage by freezing 1-37990
- Sampson, R.W. *see* Bajek, W.A. 1-23240
- Sampson, W.B. *see* Garber, M. 1-47796
- Sampson, W.B. *see* McIntruff, A.D. 1-51005
- Sampson, W.B. *see* Suenaga, M. 1-52731
- Sams, J.R. *see* Haynes, J.S. 1-12432
- Sams, R.L., Olson, W.B. Analysis of the high-resolution infrared spectrum of the ν₂ bending mode of HOC(1) at 1238 cm⁻¹ 1-37197
- Samsel, M. *see* Gautherie, M. 1-8973
- Samsko, P.-O., Lund, A. The alkoxy radical RCHO formed in irradiated single crystals of rhamnose 1-12403
- Samsko, P.-O., Lund, A., Eriksen, T.E., Sjoberg, L. Free radical formation in γ-irradiated 5-nitro-6-hydroxythymine at 77K: an electron spin resonance single crystal investigation 1-31880
- Samsko, P.-O., Lund, A., Nilsson, G., Symons, M.C.R. Primary reactions of localized electrons in rhamnose crystals studied by pulse radiolysis and ESR spectroscopy 1-37227
- Samson, J.A. *see* Hogan, A. 1-9235
- Samson, J.A.R. *see* Masuoka, T. 1-19214, 1-46035
- Samson, J.C. Comments on polarization and coherence 1-36062
- Samson, J.C. *see* Rostoker, G. 1-54331
- Samson, J.H. *see* Heine, V. 1-25610
- Samson, P.J. *see* Lioy, P.J. 1-53725
- Samson, S., Goldish, E., Dick, C.J. A novel low-temperature X-ray goniometer with closed-cycle cooling to about 18K 1-406
- Samson, S. *see* Lowe-Ma, C. 1-47069
- Samson-Dollfus, D. *see* Faure, C. 1-40017
- Samsonenko, N.D., Zhnykhov, G.V., Zon, V.Sh., Aksenov, V.K. Characteristic features of the electron paramagnetic resonance of the surface centers of diamond 1-31026

- Samsonenko, N.V., Dubkov, S.L. Scattering of electrons by a Coulomb center 1-40949
- Samsonenko, N.V. see Kerimov, B.K. 1-28415
- Samsonov, B.F. see Kruglikov, V.V. 1-24052
- Samsonov, B.F. see Zelichenko, V.M. 1-33406, 1-51149
- Samsonov, G.V., Andreeva, A.F. Physical properties of indium nitride films 1-50436
- Samsonov, G.V., Dubovik, T.V., Andreeva, T.V., Sharovskii, B.V., Litvinenko, V.F. Electro-insulating materials based on aluminum nitride and yttrium oxide 1-21402
- Samsonov, I.S. see Grigor'ev, V.G. 1-36138
- Samsonov, Yu.I. see Kokorin, V.V. 1-16773
- Samsonova, L.A. see Koblova, O.E. 1-12901
- Samsonova, Z.N. see Grigor'ev, V.G. 1-36138
- Samsur, S. see Behera, S.N. 1-15967
- Samuel, A.A., Shet, U.S.P., Gupta, M.C. Solar thermal power plant: thermodynamic analysis 1-17287
- Samuel, G. see Holland, L. 1-6938
- Samuel, M.A. see Laursen, M.L. 1-10215
- Samuel, S. The pseudo-free 128 vertex model 1-27857
- Samuel, S. The correlation functions in the 32-vertex model 1-27858
- Samuel, S. The use of anticommuting variable integrals in statistical mechanics. I. The computation of partition functions 1-27862
- Samuel, S. The use of anticommuting variable integrals in statistical mechanics. II. The computation of correlation functions 1-27863
- Samuel, S. U(N) integrals, 1/N, and the de Wit-Hoof anomalies 1-28164
- Samuel, S. The use of anticommuting variable integrals in statistical mechanics. III. Unsolved models 1-40705
- Samuel, T.D.M.A., Wijesundera, N.E. Optimum performance of thermal trap collectors 1-53661
- Samuelsen, E.J. see Fjaer, E. 1-8082
- Samuelsen, M.R. see Olsen, O.H. 1-33099
- Samuelson, L., Batra, I.P. Electronic properties of various stages of lithium intercalated graphite 1-2859
- Samuelson, L.E. see Popli, R. 1-45409
- Samuilov, E.V. see Gorbato, A.V. 1-2174
- Samuilova, N.B. see Vyvenko, O.F. 1-20815
- Samuilonis, V. see Grigas, J. 1-30297
- Samuilonis, V. see Valukienas, V. 1-47230
- Samulski, E.T. Constrained chain statistics: D NMR of octane in a nematic solvent 1-38986
- Samuri, M. see Zandomeni, M. 1-48708
- Samus, I.D. see Bulyarskii, S.V. 1-18228
- Samus, I.D. see Rusanovskii, M.E. 1-20178
- Samus, N.M. see Botoshanskii, M.M. 1-25249
- Samwer, K. see Felsch, W. 1-25903
- Samwer, K. see von Lohneysen, H. 1-30878
- Samyklyn, V.M. see Rybakova, L.M. 1-16899
- San Martin, A., Nghiep, D.M., Paufler, P., Kleinstück, K., Kramer, U., Quyen, N.H. The electrostatic effect in VSi 1-16912
- San Martin, A. see Nghiep, D.M. 1-20232
- San Miguel, M., Chaturvedi, S. Limit cycles and detailed balance in Fokker-Planck equations 1-32918
- San Miguel, M. see Sancho, J.M. 1-18166
- San-Yan Chu, Shyi-Long. Lee Comparison between intervalence charge transfer and molecular tautomerism 1-1052
- Sana, M. Experimental designs for finding stationary points and for computing force constant matrix 1-51254
- Sana, M. see Maroulis, G. 1-51091
- Sanada, K., Shioda, T., Moriyama, T., Inada, K., Takahashi, S., Kawachi, M. PbO doped high silica fiber fabricated by modified VAD 1-15297
- Sanada, K. see Moriyama, T. 1-11200
- Sanada, S. see Orito, T. 1-32251
- Sanada, T., Wada, O. Ohmic contacts to p-GaAs with Au/Zn/Au structure 1-3062
- Sanada, T. see Oikawa, M. 1-41887
- Sanadze, V.V. see Glurdzhidze, L.N. 1-3521, 1-26295
- Sananyan, V.A., Kandalyan, R.A. Observations of Markaryan galaxies with the radio telescope RATAN-600. II 1-22890
- Sananyan, V.A. see Kandalyan, R.A. 1-22862
- Santhanan, C.K., Warinner, D.K., Tessier, J.H. A sensing technique for controlled intervention in protective systems 1-41219
- Sanborn, Y. see Rohatgi, U.S. 1-50803
- Sanborn, Y. see Saha, P. 1-50804
- Sances, A. see Salles-Cunha, S.X. 1-35858
- Sances, A., Jr. see Battocletti, J.H. 1-43891
- Sances, A., Jr. see Halbach, R.E. 1-35854, 1-35877
- Sances, A., Jr. see Myklebust, J.B. 1-53914
- Sances, A., Jr. see Salles-Cunha, S.X. 1-35740
- Sanchez, C. see Henri, M. 1-47937
- Sanchez, C. see Livage, J. 1-34932
- Sanchez, C. see Meseguer, F. 1-3364
- Sanchez, C. see Tougne, P. 1-38975
- Sanchez, F. see Buitrago, J. 1-54418
- Sanchez, F.H. see Pasquevich, A.F. 1-47986
- Sanchez, H. Protonic theory on the origin of neural excitability 1-22005
- Sanchez, I.C. Statistical thermodynamics of bulk and surface properties of polymer mixtures 1-32944
- Sanchez, I.C. Collapse transition of the isolated polymer chain 1-38234
- Sanchez, I.C. see Lohse, D.J. 1-38228
- Sanchez, J.P., Friedt, J.M., de Jesus Filho, M.F. ^{57}Fe absorption and emission Mossbauer spectroscopy in Co (III) acetylacetonate 1-43049
- Sanchez, J.P. see de Jesus Filho, M.F. 1-31076
- Sanchez, J.P. see Friedt, J.M. 1-12442, 1-25680, 1-26092
- Sanchez, M.C. see Riveiro, J.M. 1-12340
- Sanchez, N. Interacting fields in non-inertial frames: one-loop corrections to particle production 1-45121
- Sanchez, R. Finite-wavelength oscillations of a diffuse-profile Vlasov-fluid plasma column 1-38091
- Sanchez, R. see McCormick, N.J. 1-50074
- Sanchez, V. see Clifton, M. 1-8615
- Sanchez Gomez, J.L. see Roy, L.J. 1-50592
- Sanchez Lopez, C. see Fulea, J. 1-32010
- Sanchez Minana, J. see Besada, J.L. 1-21692
- Sanchez Sarmiento, G. Finite element analysis of local overheating within plutonium enriched UO_2 fuel rods caused by PuO_2 islands 1-23760
- Sanchez-Dehesa, J., Flores, F. Plasmon modes at a wedge using a non-local dielectric function 1-7547
- Sanchez-Mondragon, J.J. see Narozhny, N.B. 1-24084
- Sanchez-Palencia, E. Non-homogeneous media and vibration theory 1-44688
- Sanchez-Palencia, E. see Enc, H.I. 1-24873
- Sanchez-Ron, J.M., Sanz, J.L. A new understanding of the Lorentz-Dirac equation for one particle. I. The nonrelativistic case 1-40937
- Sanchez-Sinocio, F. see Lopez-Cruz, E. 1-12145
- Sanchez-Sinocio, F. see Zelaya-Angel, O. 1-48034
- Sanchez-Trujillo, M.C. see Riveiro, J.M. 1-30935
- Sanchis, M.A. see Bolta, J.M. 1-18518
- Sancho, J.M., San Miguel, M., Gunton, J.D. Finite-size scaling theory for non-linear relaxation 1-18166
- Sancho, J.M. Lopez see Lopez Sancho, J.M.
- Sancho, M. Integral formulation of the boundary value problem in waveguides 1-27710
- Sancho, M.P. Lopez see Lopez Sancho, M.P.
- Sancier, K. see Sanjurjo, A. 1-48289
- Sancier, K.M. ESR of photoproduced nitroaromatic radicals: correlation between photolysis and radiolysis 1-21749
- Sancier, K.M., Kapur, V. Silicon oxidation in fluoride solutions 1-8453
- Sancisi, R. see Baldwin, J.E. 1-4978
- Sancisi, R. see Winnberg, A. 1-13833
- Sancitis, E. de see de Sancitis, E.
- Sancitis, E. de see De Sancitis, E.
- Sancituary, B.C., Garisto, F. Magnetic multipoles in nonresonance time dependent fields 1-5350
- Sancituary, B.C., Selwyn, L. Relaxation equations for multipin systems. II 1-45990
- Sancituary, B.C. see Garisto, F. 1-46171
- Sancituary, B.C. see Snider, R.F. 1-14976
- Sanda, A. The best why [sub-nuclear physics] 1-28361
- Sanda, A. Nonleptonic decays of charm mesons 1-3179
- Sanda, P.N., Warlaumont, J.M., Demuth, J.E., Tsang, J.C., Christmann, K., Bradley, J.A. Surface-enhanced Raman scattering from pyridine on Ag(111) 1-11978
- Sanda, P.N. see Demuth, J.E. 1-29033
- Sanda, P.N. see Tsang, J.C. 1-16559
- Sandage, A. see Kuznetsov, A.A. 1-36883
- Sandage, A. see Yahl, A. 1-44622
- Sandall, O.C., Hanna, O.T., Mazet, P.R. A new theoretical formula for turbulent heat and mass transfer with gases or liquids in tube flow 1-19692
- Sandars, P.G.H. see Hegstrom, R.A. 1-1099
- Sandberg, C.J. see Joshi, G.M. 1-30747
- Sandberg, J.V. see Routti, J.T. 1-18990, 1-50709
- Sandberg, O., Backstrom, G. Thermal conductivity and heat capacity of liquid and glassy poly(vinyl acetate) under pressure 1-42588
- Sandberg, O. see Ross, R.G. 1-30386
- Sandberg, R.O. see Shaw, H.E. 1-50839
- Sande, M. Van see Van Sande, M.
- Sandel, B.R. see Dessler, A.J. 1-54414
- Sandel, B.R. see Holberg, J.B. 1-49652
- Sandel, B.R. see McConnell, J.C. 1-22714
- Sandelin, J.W. see Dozier, C.M. 1-2508
- Sandeman, R.J. see Huber, M.C.E. 1-1184
- Sanden, J. Van De see Van De Sanden, J.
- Sandenaw, T.A. Valence instabilities as a source of actinide system inconsistencies 1-20671
- Sander, H.G. see Brandelick, R. 1-23510, 1-23527, 1-50411
- Sander, H.G. see Koller, K. 1-5641
- Sander, I. see Heitmann, H. 1-25944
- Sander, S.P., Watson, R.T. A kinetics study of the reaction of SO_2 with CH_3O 1-35952
- Sander, U. see Trabert, E. 1-355
- Sander, W. see von Lohneysen, H. 1-30878
- Sanders, B.A. see Springer, G.S. 1-21606
- Sanders, D. see Murai, S. 1-20369
- Sanders, D.B. see Nandedkar, S.D. 1-35905
- Sanders, F. see Miller, D.A. 1-17666
- Sanders, F.C. see Knight, R.E. 1-1090
- Sanders, G.D., Maher, L.J., Freeman, J.W. Observation of the plasma boundary layer at lunar distances: direct injection of plasma into the plasma sheet 1-13645
- Sanders, J.A. see Imamura, M.S. 1-53622
- Sanders, J.B. Time evolution of collision-induced hot spikes 1-53033
- Sanders, J.L., Jr. see Chan, A.W. 1-33908
- Sanders, J.V. Close-packed structures of spheres of two different sizes: I. Observations on natural opal 1-38361
- Sanders, J.V. see Murray, M.J. 1-38310
- Sanders, L. see Seymour, R.B. 1-13004
- Sanders, M., Maslo, R.M. A proposed engineering enhancement of power plant training simulators in light of experiences observed at TMI-2 1-23741
- Sanders, M.J. see Wirth, M.J. 1-41448
- Sanders, N.D., Butler, J.E., McDonald, J.R. Product branching ratios in the reaction of $\text{O}(^1\text{D}_2)$ with NH_3 1-39607
- Sanders, R.H. Neutral hydrogen in elliptical galaxies: a bimodal distribution 1-49802
- Sanders, R.W., Belanger, R.M., Motokawa, M., Jaccarino, V., Rezende, S.M. Far-infrared laser study of magnetic polaritons in FeF_2 and Mn impurity mode in FeF_2/Mn 1-43018
- Sanders, S.J., Olmer, C., Geesaman, D.F., Henning, W., Kovar, D.G., Paul, M., Schiffer, J.P. Resonant behavior of the $^{24}\text{Mg}(^{10}\text{C})^{28}\text{Si}^*$ ($6.4 \leq E, \leq 10$ MeV) reaction 1-14503
- Sanders, S.J. see McKeown, R.D. 1-28499
- Sanders, V.E. see Anderson, D.Z. 1-6582
- Sanders, V.E. see Weng, W. Chow 1-1614
- Sanders, W.T. see Fried, P.M. 1-49755
- Sanderson, A.C., Dabos, P. Coupled composite source modeling of multichannel EEG 1-4382
- Sanderson, A.D. see Fielding, S.J. 1-25032
- Sanderson, N.E. see Bhowmik, R.K. 1-50647
- Sanderson, N.E. see Morrison, G.C. 1-45520
- Sanderson, R.J. see Galbraith, W. 1-37425
- Sanderson, S.N. see Deveney, J.E. 1-23764
- Sandesaru, N.B. see Dye, D.H. 1-42676
- Sandford, M.C.W. see Howarth, I.D. 1-40523
- Sandford, M.T., II see Honeycutt, R.K. 1-9498
- Sandford, M.T., II see Klein, R.J. 1-44599
- Sandhas, V. see Casel, A. 1-28432
- Sandholt, P.-E., Henriksen, K., Deehr, C.S., Sivjee, G.G., Romick, G.J. Dayside cusp auroral morphology related to nightside magnetic activity 1-4715
- Sandhu, H. see Watts, S.J. 1-23518
- Sandhu, T.S. see Bicher, H. 1-39889
- Sandhya Devi, K.R., Strayer, M.R., Irvine, J.M., Davies, K.T.R. Time-dependent Hartree-Fock collisions of $^{40}\text{Ar}+^{93}\text{Nb}$ at $E_{\text{lab}}=204$ MeV 1-45529
- Sanditov, D.S. Surface tension and the elastic modulus of alkali silicate glasses 1-42624
- Sandler, B. see Crabb, D.G. 1-14413
- Sandler, B. see Crosbie, E.A. 1-45340
- Sandler, L.M. see Naglyuk, Ya.V. 1-3171, 1-11750
- Sandler, V.S. see Tkachenko, E.A. 1-48392
- Sandler, Y.L., Kunig, R.H. The solubility of nickel ferrite in aqueous boric acid solution 1-52299
- Sandman, D.J. Idealized geometric and chemical models for conjugated conducting polymer systems 1-47016
- Sandmann, W.H. see Evans, D.S. 1-9485
- Sandmann, W.H. see Mills, R.L. 1-54408
- Sandmeier, K.H. see Ito, A. 1-11692
- Sandner, R. see Knitterscheidt, H. 1-1764, 1-15322
- Sandner, W. see Klinger, W. 1-23561
- Sandner, W. see Safinaya, K.A. 1-24098
- Sandnes, T.W. see Traesteg, M. 1-6382
- Sando, K.M. see Erickson, G.J. 1-1183
- Sandoli, M. see Cuzzocrea, P. 1-18624
- Sandoli, M. see de Rosa, A. 1-5764
- Sandoli, M. see DeRosa, A. 1-14511
- Sandomirskii, A.B. see Matshvili, Yu.D. 1-32494, 1-32516
- Sandomirskii, V.B. see Balkare, Yu.I. 1-2646
- Sander, T., Utsonomyia, R., Rumbaugh, C., Sridhar, B. On the feasibility of densitometric assessment of cerebral aneurysms 1-39999
- Sandorfi, A.M., Calarco, J.R., Rand, R.E., Schwettman, H.A. Fission modes of ^{24}Mg 1-14559
- Sandorfi, A.M., Lister, C.J., Alburger, D.E., Warburton, E.K. Isospin-symmetry violating branch of $^{42}\text{Se}^{8+}$ decay 1-14500
- Sandorfi, C. Rydberg orbitals and the Woodward-Hoffmann procedure 1-51096
- Sandorfi, C. see Dupuis, P. 1-13020, 1-41427
- Sandoval, H.F. Ranea see Ranea Sandoval, H.F.
- Sandoval, R.P., Luna, R.E. Subjecting spent-fuel shipments to extreme environments 1-41207
- Sandovskii, V.A. Design of eddy-current transducer with shell-type ferrite core 1-36650
- Sandquist, G.M. see Macbeth, P.J. 1-45645
- Sandqvist, A. see Loren, R.B. 1-22867

- Sandrock, G.D., Goodell, P.D. Surface poisoning of LaNi₅, FeTi and (Fe,Mn)Ti by O₂, CO and H₂O 1-2806
- Sandrock, G.D. *see* Goodell, P.D. 1-4046
- Sandrock, G.D. *see* Huston, E.L. 1-21939
- Sandrock, G.D. *see* Shenoy, G.K. 1-3303
- Sandrolini, F. *see* Loggini, M. 1-5342
- Sandros, K. *see* Becker, H.-D. 1-33474
- Sands, M. *see* Pellegrini, C. 1-23888
- Sandstrom, D.R., Lytle, F.W., Wei, P.S.P., Gregor, R.B., Wong, J., Schultz, P. Coordination of Ti in TiO₂-SiO₂ glass by X-ray absorption spectroscopy 1-3128
- Sandstrom, R. Formation and growth of recrystallisation nuclei around particles 1-8340
- Sandstrom, R. Influence of a distribution of coarse particles on the recrystallisation kinetics. Application to Al-Fe alloys 1-26523
- Sandstrom, R., Ivarsson, B. Creep in butt-welded tubes of cold worked AISI 316 with internal pressure 1-39396
- Sandstrom, R., Kondyr, A. Model for tertiary-creep in Mo- and CrMo-steels 1-43461
- Sandstrom, S.G. Nuclear energy in Sweden from 1975 to 1980 1-23704
- Sandstrom, U. *see* Dirlott, I. 1-8967
- Sanduhu, H. *see* Watts, S.J. 1-5648
- Sandulescu, A. *see* Magda, M.T. 1-41155
- Sandulyak, A.V., Kochmarov, V.Z., Dakhenko, V.L. The law governing the precipitation of impurities containing iron in condensate in a magnetic ball bed 1-8621
- Sandwell, D., Schubert, G. Geoid height versus age for symmetric spreading ridges 1-44069
- Sane, K. *see* Jolly, P. 1-24021
- Sane, K.V. *see* Jolly, P. 1-10634, 1-24021
- Sanefuji, S. *see* Watanabe, Y. 1-53840
- Saneyoshi, J. *see* Yoshikawa, S. 1-19521
- Sanford, A.R. *see* Brown, L.D. 1-13432
- Sanford, P.W. *see* Barr, P. 1-13855
- Sanford, P.W. *see* Bibbo, G. 1-37073
- Sanford, P.W. *see* Parmar, A.N. 1-27636
- Sanford, P.W. *see* Siegmund, O.H.W. 1-9377
- Sanford, P.W. *see* Treves, A. 1-49720
- Sanford, R.J. Application of the least-squares method to photoelastic analysis 1-15456
- Sanford, T.J., Allenderfer, R.D., Kang, E.T., Ehrlich, P. High-resolution NMR spectra and phase equilibria in poly(phenylacetylene)-diluent mixtures 1-52853
- Sang, H. *see* Saimoto, S. 1-26534
- Sang, R.D. *see* Cutler, D.J. 1-38302
- Sang Sam Choi *see* Byoung Yoon Kim 1-46382, 1-46561
- Sang Soo Kim, Stein, G.D. Evidence for mixed clusters formed during sulfur hexafluoride expansions in an argon carrier gas 1-42527
- Sang Soo Lee *see* Chang Kwon Hwangbo 1-46942
- Sang Soo Lee *see* In Won Lee 1-46383
- Sang Soo Lee *see* Kee Keon Lim 1-46326
- Sang-chun Shieh *see* Shieh Sang-chun
- Sang-Ryul In *see* Soon-Mo Hwang 1-46915
- Sang-Yung Shin *see* Chang-Sung Joo 1-19244
- Sanger, G. *see* Peschka, W. 1-1058
- Sanger, P.A., Adam, E., Ioriatti, E., Richards, S. Critical properties of multifilamentary Nb₃Sn between 8 and 14 tesla 1-52732
- Sanghi, A.P., Ciliano, R., Johnson, R. A framework for evaluating the socioeconomic impacts of commercializing new energy technologies with an application to the on-site fuel cell energy system 1-21873
- Sangiorgi, R. *see* Passerone, A. 1-16154
- Sangiovanni, J.J. *see* Keston, A.S. 1-26746
- Sangster, D.F. *see* Quickenden, T.I. 1-16610
- Sangster, D.F. *see* Whang, B.C.Y. 1-48687
- Sangster, M.J.L. Investigation of off-centre displacements of impurity ions in alkali-halide crystals 1-11772
- Sanguinetti, G. *see* Antreasyan, D. 1-10287
- Sangwal, K., Ramakrishna Rao, K. A note on the dissolution mechanism of MgO crystals in acids 1-12905
- Santie, J. *see* Sidel, G.M. 1-4307
- Sanin, V.M. *see* Ganenka, V.B. 1-2542
- Sanin, V.M. *see* Get'man, V.A. 1-10230
- Sanin, V.M. *see* Miroshnichenko, I.I. 1-5632
- Sanin, V.N. *see* Balashov, Yu.S. 1-15954, 1-52233
- Sanin, V.N. *see* Skripnikov, V.A. 1-42450
- Sanina, V.A. *see* Andryushyn, E.A. 1-12040
- Sanina, V.A. *see* Manenkov, A.A. 1-20638
- Sanina, V.A. *see* Milyaev, V.A. 1-34734
- Sanipelli, G.G. *see* Fung, P.C. 1-28637
- Sanitarov, A., Kalinkin, I.P., Vityuk, V.Ya., Taratynov, S.I. Phase diagram of the solid solution CdS_{1-x}Te_x 1-48334
- Sanjeeviah, B. *see* Puttaswamy, K.S. 1-48195
- Sanjeeviah, B. *see* Sanjeeviah, H. 1-36928
- Sanjeeviah, B. *see* Venkataramaiah, P. 1-5739
- Sanjeeviah, B. *see* Sanjeeviah, H. 1-45468
- Sanjeeviah, H., Sanjeeviah, B. Total decay energies of ^{Be} and ¹³⁷Cs from inner bremsstrahlung spectra 1-36928
- Sanjeeviah, H., Sanjeeviah, B. Partial decay energy of ¹³⁷Cs from inner bremsstrahlung spectrum 1-45468
- Sanjeeviah, H. *see* Venkataramaiah, P. 1-5739
- Sanjoh, A. *see* Shimomura, K. 1-38998
- Sanjurjo, A., Nanis, L., Sancier, K., Bartlett, R., Kapur, V. Silicon by sodium reduction of silicon tetrafluoride 1-48289
- Sanjurjo, J.A., Katiyar, R.S., Porto, S.P.S. Temperature dependence of dipolar modes in ferroelectric BaTiO₃ by infrared studies 1-12501
- Sank, V.J., Brooks, R.A. Data acquisition and data reduction in the neuro-PET [Positron Emission Tomography] 1-22130
- Sank, V.J. *see* Brooks, R.A. 1-53872
- Sankar, A. *see* Tong, T.C. 1-1463
- Sankar, C.K. *see* Jaya Sankar, C.K.
- Sankar, J. *see* McQueen, H.J. 1-39460
- Sankar, S.G. *see* Pourarian, F. 1-26008
- Sankar, T.A. *see* Velu, E.M.T. 1-8272
- Sankar, T.A. *see* Padmavathi *see* Padmavathi Sankar, T.A.
- Sankaran, K.K., Grant, N.J. The structure and properties of splat-quenched aluminium alloy 2024 containing lithium additions 1-8294
- Sankaran, R. Te doping of vapor phase epitaxial GaAs 1-2482
- Sankaran, V. *see* Namasivayam, R. 1-45935
- Sankey, O.F., Fedders, P.A. Correlation functions for simple hopping among the octahedral and tetrahedral sites in a body-centered-cubic lattice 1-20441
- Sankey, O.F., Hjalmarson, H.P., Dow, J.D., Wolford, D.J., Streetman, B.G. Substitutional defect pairs in GaAs_{1-x}P_x 1-16252
- Sankho, K. *see* Yablonski, I.S. 1-16887
- San'ko, N.F. *see* Ekonomov, A.P. 1-9400
- San'ko, N.F. *see* Moroz, V.I. 1-9401
- Sankovich, M.F., Tulenko, J.S., Spetz, S.W., Sapryta, J.J. The impact of Government policy on fuel design and fuel management [United States] 1-789
- Sanmartin, J.R., Montanes, J.L. Profile modification by light pressure in plasmas expanding with uniform, time-dependent temperature 1-29852
- Sanna, R.S., Hajnal, F., Ryan, R. Evaluation of neutron monitors for PWR containment environments 1-18908
- Sanna, R.S. *see* Hajnal, F. 1-28373
- Sannen, C. *see* Lorquet, J.C. 1-19148
- Sanner, F. *see* Treves, A. 1-49720
- Sannes, F. *see* Bebek, C. 1-33191
- Sannes, F. *see* Chadwick, K. 1-33192
- Sannigrahi, A.B. *see* De, B.R. 1-45850
- Sannikov, S.P. *see* Dudkin, V.A. 1-24414
- Sannino, M. *see* Adamovich, M.I. 1-45317
- Sannino, M. *see* Fiorino, A. 1-50583
- Sannomiya, T. *see* Kushibiki, J. 1-33864
- Sanny, J., Gruner, G., Clark, W.G. Observation of quasi-universal magnetic behavior in a random exchange Heisenberg antiferromagnetic chain: neutron irradiated quinolinium(TCNQ)₂ 1-3262
- Sano, H. Solutions to the Smolouchowski equation for problems involving the anisotropic diffusion or absorption of a particle 1-48661
- Sano, K., Okada, K., Hashimoto, K. Simple optical wavelength meter in 700-1200 nm wavelength region 1-14161
- Sano, K. *see* Fujii, Y. 1-1718
- Sano, M. PDA CRT oscilloscopes expand oscilloscope versatility 1-44900
- Sano, M., Aizawa, K. Study on the surface pressure distribution and the pressure drag of the circular cylinder on the flat plate 1-15476
- Sano, M. *see* Asai, F. 1-28494
- Sano, M. *see* Ohji, K. 1-48480
- Sano, N., Belton, G. The thermodynamics of chlorination of vanadium pentoxide 1-7357
- Sano, R. *see* Yoshizumi, S. 1-33736
- Sano, T. *see* Hirooka, Y. 1-42629
- Sano, T. *see* Miyake, M. 1-12668
- Sano, T. *see* Otsuka, S. 1-42553, 1-48718
- Sano, Y. Time changes of transfer functions at Kakioka related to earthquake occurrences. I 1-4450
- Sano, Y. Light scattering from optically active molecules by linearly polarized incident light 1-15072
- Sano, Y. *see* Usui, H. 1-51826
- Sanokawa, K. *see* Fukuda, K. 1-1987
- Sanokawa, K. *see* Hishida, M. 1-742
- Sanotskii, Ya.V. *see* Kuritnyk, I.P. 1-18229
- Sanpei, S. *see* Tsuchida, H. 1-46363
- Sanquist, T.F. *see* Rohrbaugh, J.W. 1-8843
- Sanso, F. Dual relations in geometry and gravity space 1-9071
- Sanson, A., Ptak, M. EPR study of organisation of the smectic C phase of 4,4'-diheptyloxyazoxybenzene 1-52055
- Sansonetti, C., Andrew, K.L. Improved determinations of n²D and n²F fine-structure intervals in neutral cesium 1-1157
- Sansonetti, J.E., Furdyna, J.K. Depolarization effects in arrays of spheres 1-12135
- Santacrose, R. *see* Sheridan, M.F. 1-40106
- Santalucia, L. *see* Villani, S. 1-48996
- Santamaria, G. *see* Harrison, J. 1-33659
- Santamaria, J., Ojeda-Castaneda, J., Berriel-Valdos, L.R. Square root operation by dynamic sampling 1-41591
- Santamaria, J. *see* Bescos, J. 1-40834
- Santamaria, J. *see* Guel-Sandoval, S. 1-41625
- Santamato, E., De Martini, F. Coupling of surface plasmon waves with finite-cross-section light beams 1-29320
- Santambrogio, G.C. *see* Boccardi, S. 1-53938
- Santamoro, W. *see* Philips, C.M. 1-32245
- Santana, C., Felsen, L.B. Eigenvalues for unstable resonators with slightly misaligned strip mirrors 1-6629
- Santana, M.R. *see* Brockway, G.S. 1-11160
- Santana, M.R. *see* Schwartz, M.I. 1-11116
- Santander, M. *see* Carinena, J.F. 1-27773
- Santangelo, R. *see* Cecchi, R. 1-32506
- Santarossa, R.A. *see* Spurrier, J. 1-39415
- Santek, D. *see* Norton, C.C. 1-22490
- Santhanam, A.T., Beck, C.G. The influence of protective coatings on thermal fatigue resistance of Udimet 710 1-31759
- Santhanam, A.T. *see* Bates, R.C. 1-29623
- Santhanam, A.T. *see* Gavalier, J.R. 1-52725
- Santi, R.S. *see* Cooke, D.W. 1-16614
- Santiago, J. *see* Johnson, J.A., III 1-15616
- Santiago, J.J. *see* Manasrah, M.O. 1-48682
- Santillan, M.B. *see* Jauregui, E.A. 1-53749
- Santilli, R.M. *see* Ktorides, C.N. 1-488
- Santimay Basu, Sunanda Basu, Johnson, A.L., Klobuchar, J.A., Rush, C.M. Preliminary results of scintillation measurements associated with ionosphere heating and possible implications for the Solar Power Satellite 1-4693
- Santin, P. *see* Ramella, M. 1-13766
- Santini, P.M. On the evolution of two-dimensional packets of water waves over an uneven bottom 1-46764
- Santini, P.M. *see* Levi, D. 1-44770
- Santini, P.M. *see* Martina, L. 1-29859
- Santis, A. *see* De Santis, A.
- Santo, R. *see* Gaul, G. 1-50610
- Santoboni, S. *see* Borroso, P. 1-24619
- Santon, F. *see* Daumas, A. 1-46626
- Santoni, C. *see* Diddens, A.N. 1-14747, 1-23998
- Santoni, C. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Santonico, R. *see* Allasia, D. 1-23495
- Santonico, R. *see* Esposito, B. 1-36868
- Santoro, A., Marezio, M., Roth, R.S., Minor, D. Neutron powder diffraction study of the structures of CeTaO₄, CeNbO₄, and NdTaO₄ 1-38350
- Santoro, A. *see* d'Antonio, P. 1-15842
- Santoro, A. *see* Endler, A.M. 1-41013
- Santoro, R.J. *see* Emmerner, P.J. 1-2050
- Santoro, V. *see* Armentano, M. 1-5432
- Santos, F.C., de Oliveira, L.A.R., Kodama, T. Path integrals for arbitrary canonical transformation 1-100
- Santos, F.D., Goncalves, A.M. The analysing powers of peripheral transfer reactions 1-28460
- Santos, F.E.A. *see* dos Santos, F.E.A.
- Santos, J.M.M. Some data on electromagnetic fields and their biological implications 1-49065
- Santos, N.O. Interior solutions for Reissner-Nordstrom field with $|q| > m$ 1-50008
- Santos, V.H., Scherer, C. A new approximation for the dynamics of the transverse Ising model 1-34896
- Santos, V.Ruas B. *see* Ruas B. Santos, V.
- Santosa, F. *see* Carroll, R. 1-27252
- Santroni, A. *see* Berglund, A. 1-36881
- Santroni, A. *see* Bozzo, M. 1-23961
- Santry, D.C., Werner, R.D. Stopping power values of Be, C, Al and Si for ⁴He ions 1-28825
- Santry, D.C., Werner, R.D. Stopping power values of Ti, Ni, Ag and Au for ⁴He ions 1-28826
- Santry, D.C. *see* Lone, M.A. 1-6069
- Santry, D.C. *see* Palsson, B. 1-685
- Santry, D.P., Raidy, T.E. Application of second-order SCF perturbation theory to the calculation of mixed-frequency hyperpolarizabilities from time-dependent Hartree-Fock theory 1-1101
- Santry, D.P. *see* Pandey, P.K.K. 1-6229
- Santschi, P.H., Yuan-Hui Li, Bell, J.J., Trier, R.M., Kawaluk, K. Pu in coastal marine environments 1-32466
- Santy, W.G., Tibbets, R.E., Wilczynski, J.S. Energy efficient multi-mirror illuminator 1-51585
- Sanuau, C. *see* Suzuki, H. 1-43343
- Sanui, K. *see* Murayama, H. 1-30746
- Sanuki, H. *see* Ogino, T. 1-38072
- Sanuki, H. *see* Ohnuma, T. 1-11518
- Sanuki, H. *see* Weiland, J. 1-38062
- Sanuki, S., Shimatani, H., Izaki, T. Extraction behavior of Cu and Pb from the binary solution containing nitric ion with Versatic acid 10 1-26734
- Sanwal, N.B. *see* Abt, H.A. 1-40528
- Sanwal, N.B. *see* Roemer, E. 1-40527
- Sanwal, N.B. *see* Sharma, M.B.K. 1-40519
- Sanyal, W. *see* Siki, H. 1-12219
- Sanyal, A.S., Mukerji, J. Diffusion of tin in soda-lime glass between the transformation point and softening point 1-20466
- Sanyal, B. *see* Dharendra 1-31712
- Sanyal, G. *see* Deb Ray, G. 1-54357
- Sanyal, G.S. *see* Bandyopadhyay, P.C. 1-47997

- Sanyal, N.K., Goel, R.K., Kansal, K.P., Sharma, S.K., Sharma, S.N. Infrared absorption spectra of 2, 4- and 2, 6-dibromophenols 1-41375
- Sanyal, N.K., Goel, R.K., Kansal, K.P., Sharma, S.N. Infrared spectra of the biological molecule 4,6-dihydroxy-2-methyl pyrimidine 1-33460
- Sanyal, S.P. *see* Singh, R.K. 1-34435
- Sanyan, D.C. Deformation of a semi-infinite poroelastic medium under the compressive action of a rigid body 1-41945
- Sanz, J.L. *see* Sanchez-Ron, J.M. 1-40937
- Sanz Pedreiro, P. *see* Lopez Fonseca, J.M. 1-48733
- Sanz-Serna, J.M., Christie, I. Petrov-Galerkin methods for nonlinear dispersive waves 1-49945
- Sanzone, G. *see* Browder, J.A. 1-23362
- Sanzone, M. *see* Corvisiero, P. 1-5751
- Sao, G.D., Tiwary, H.V. Thermal expansion of potassium nitrate films 1-52318
- Sao, K. *see* Ogino, T. 1-44387
- Sap, J. *see* Duchet, M. 1-40195
- Sapankevich, A.P. *see* Lankevich, V.I. 1-37773
- Saparin, G.V. *see* Obyden, S.K. 1-26283
- Sapega, V.F. *see* Zakharchenya, B.P. 1-48147
- Sapel'nikov, I.A. *see* Barinov, V.K. 1-9382
- Saperstein, E.E. *see* Khodel, V.A. 1-10297
- Saphier, D., Madell, J.T. Metal- versus oxide-fueled LMFBR pump trip event 1-50829
- Sapia, C. *see* Buchali, K. 1-4309
- Sapir, J.L. *see* Amundson, P.I. 1-50795
- Sapon, V.I. *see* Loskutov, V.F. 1-8482
- Saporetti, F., Guidotti, R. Isobaric analog state excitation in proton radiative capture 1-10363
- Sapotta, K. *see* Arit, U. 1-5796
- Sapozhnik, V.M. *see* Martynovich, E.F. 1-43166
- Sapozhnikov, A.N., Kashaev, A.A. The crystal structure of calcined Ca-containing elpidite 1-30200
- Sapozhnikov, M.G. *see* Balestra, F. 1-28504
- Sapozhnikov, M.G. *see* Belyaev, V.B. 1-18688
- Sapozhnikov, M.G. *see* Nikhitii, F. 1-45544
- Sapozhnikova, E.N. *see* Volchanskaya, I.K. 1-17777
- Sapre, V.B. *see* Barhate, A.V. 1-21294
- Sapriel, J., Boudou, A., Martinez, G. Raman scattering under uniaxial and hydrostatic stresses in $\text{Ba}_2\text{NaNb}_2\text{O}_7$ crystals 1-21182
- Sapriel, J. *see* Boudou, A. 1-3405, 1-21185
- Sapriel, J. *see* Vacher, R. 1-35065
- Sapru, M.L. *see* Bhat, A.L. 1-36324
- Sapru, M.L. *see* Bhat, C.L. 1-13651
- Sapru, S. *see* Sastry, S.B.S. 1-3467, 1-8143, 1-43194, 1-53002
- Saprykin, E.G. Controlling gas laser generated spectra without selecting elements in a resonator 1-51450
- Saprykin, E.G., Sorokin, V.A. Photoelectric device with signal normalisation for laser spectrometers 1-45022
- Saprykin, E.G. *see* Rautian, S.G. 1-33772
- Sapryta, J.J. *see* Sankovitch, M.F. 1-789
- Sarabi, B. *see* Ehrenstein, W. 1-39564
- Saraceno, P. *see* Lorenzetti, D. 1-37578
- Saraev, L.A. *see* Dudukalenko, V.V. 1-15419
- Saraeva, M.A. *see* Savenko, I.A. 1-27346
- Sarafian, H. *see* Riska, D.O. 1-5799
- Saragossi, I. *see* Heising, C.D. 1-10437
- Sarai, A., Kakitani, T. Radiationless transitions of molecules with large nuclear rearrangement 1-33487
- Saraie, J. Behaviour of phosphorus impurities in CdTe [electrical properties and photoluminescence] 1-47674
- Saraie, J., Shinohara, H., Edamatsu, H., Tanaka, R. Electrical properties of CdTe:P heat-treated under component vapour pressures 1-39352
- Saraie, J., Shinohara, H., Edamatsu, H., Tanaka, T. Photoluminescence and recombination centers in phosphorus-doped and undoped CdTe heat-treated under component vapour pressures 1-26258
- Sarala Devi, K. *see* Remani, K.N. 1-53717
- Saralidze, Z.K. Radiation-induced mobility of point defects resulting from their cross recombination with unstable Frenkel pairs 1-42417
- Saralidze, Z.K. *see* Margvelashvili, I.G. 1-20848
- Saranov, E.I. *see* Ananjev, V.D. 1-28690
- Sarantites, D.G., Jaskelainen, M., Hood, J.T., Woodward, R., Barker, J.H., Hensley, D.C., Halbert, M.L., Chan, Y.D. The spin spectrometer at the Holifield Heavy-Ion Research Facility and some planned experiments 1-45771
- Sarantites, D.G. *see* Dayras, R.A. 1-5794
- Sarantites, D.G. *see* Gavron, A. 1-33270
- Sarantites, D.G. *see* Geoffroy, K.A. 1-50651
- Sarantsev, V.V. *see* Dakhno, L.G. 1-40995
- Saraph, H.E., Seaton, M.J. Oscillator strengths for O III and the Bowen fluorescent mechanism 1-13681
- Sararu, A. *see* Caprini, I. 1-10257
- Sararu, M. *see* Caprini, I. 1-10257
- Saraswat, K.C., Mohammadi, F. Work function of WSi_2 [MOS technique] 1-7703
- Saraswat, K.C. *see* Mandurah, M.M. 1-38401
- Sarath, B. *see* Dixit, V.V. 1-4755
- Saravia, L. *see* Mangussi, J. 1-13168
- Saray, I. Direct observation of ferromagnetic domain structure on a Fe-Si (3%) transformer plate 1-25975
- Saraykar, R.V., Joshi, N.E. Viscous fluid flows over R^3 with asymptotic conditions 1-29641
- Saraykar, R.V., Joshi, N.E. Nondissipative hydro-magnetic flows: existence and some properties 1-29791
- Sarazin, C.L. *see* Flannery, B.P. 1-54362
- Sarb, P.J. Resource use and reuse towards energy independence 1-35610
- Sarbach, S. Phase diagrams of random spin systems. I. Mean-field theory 1-3190
- Sarbach, S. Phase diagrams of random spin systems. II. Bethe approximation 1-3191
- Sarbei, O.G. *see* Asche, M. 1-42493
- Sarbei, O.G. *see* Osulov, S.G. 1-29238
- Sarber, W.K. *see* Freeman, L.B. 1-50873
- Sarboulouki, M.N., Moacanin, J. Chemicals from biomass—the US prospects for the turn of the century 1-13112
- Sardanashtvili, G.A. *see* Ivanenko, D.D. 1-27845, 1-28171
- Sardanashtvili, G. *see* Ivanenko, D. 1-44830
- Sardar, Z. Can science come back to Islam? 1-27761
- Sardary, R.M. *see* Allakhverdiev, K.R. 1-35042
- Sardarov, B.S. *see* Gorlov, Yu.P. 1-12687
- Sareyan, J.-P., Le Coriol, J.-M., Valtier, J.-C., Ducatel, D. Are there different types of variability among B stars? 1-40482
- Sargautis, A.J. *see* Anisimov, F.G. 1-16261
- Sargat, A.L., van Duinen, R.J., Nordh, H.L., Aalders, J.W.G. Far infrared observations of S 255 and S 187 1-54592
- Sargent, A.L. *see* Fridlund, C.V.M. 1-22864
- Sargent, A.L. *see* Nordh, H.L. 1-54584
- Sargent, C.M., Purdy, O.R., Weatherly, G.C. Interfacial torque and boundary structure 1-2466
- Sargent, C.P. *see* Rad, F.N. 1-23646
- Sargent, D.C. *see* Graff, W.R. 1-48624
- Sargent, G.A., Freeman, G.B., Chao, J.L.-R. Adsorption of CO on, and S poisoning of, a perfect Ni(111) single crystal and a Ni(111) crystal with small angle boundaries 1-20570
- Sargent, G.A. *see* Conrad, H. 1-39430
- Sargent, G.P. Computation of vapour pressure, dew-point and relative humidity from dry- and wet-bulb temperatures 1-22532
- Sargent, H.H., III *see* Barnes, J.A. 1-54469
- Sargent, J.P. *see* Dootson, M. 1-7358
- Sargent, J.W., Gidman, M.I., Humphreys, M.A., Utley, W.A. The disturbance caused to school teachers by noise 1-6714
- Sargent, M. *see* Jacobs, S.F. (editor) 1-9768
- Sargent, M., III Phase conjugation in 3, 4 and infinite dimensions 1-41778
- Sargent, M., III *see* Tao-Yi Fu 1-6613
- Sargent, M., III *see* Weng W. Chow 1-1614
- Sargent, M.D. Einspinner, M. *see* Raaphorst, G.P. 1-39974
- Sargent, W.L.W. *see* Oke, J.B. 1-49821
- Sargeson, A.M. *see* Dubicki, L. 1-1266
- Sargood, D.G. *see* Anderson, M.R. 1-18616
- Sargood, D.G. *see* Kennet, S.R. 1-5815
- Sargsyan, M.P. *see* Veinger, A.I. 1-20862
- Sargurumoorthy, M. *see* Sabesan, R. 1-21115
- Sarhangi, A. *see* Halbout, J.M. 1-37544
- Sarhangi, A. *see* Lichtman, R. 1-39172
- Sari, S.O. *see* Cohen, D.K. 1-35108
- Saric, W.S., Reynolds, G.A. Experiments on the stability of nonlinear waves in a boundary layer 1-37895
- Saricimen, H. Characterization of zirconia powders prepared by high temperature hydrolysis (HTH) 1-43303
- Saricimen, H. *see* Burkin, A.R. 1-26416
- Sarid, D., Kermisch, D., Revelli, J. On the theory of the prism waveguide coupler in the strong coupling regime 1-41827
- Saridzhanov, K.A. On one problem of rectangular parallelepiped torsion at small elastoplastic deformations 1-37815
- Sarin, V.N. *see* Randhawa, H.S. 1-24130
- Saris, F.W., Chu, W.K., Chang, C.A., Ludeke, R., Esaki, L. Ion backscattering and channeling study of InAs-GaSb superlattices 1-38673
- Saris, F.W. *see* Gordeev, Y.S. 1-41469
- Saris, F.W. *see* Wiggers, L.W. 1-11795
- Saris, F.W. *see* Woelke, P.H. 1-41470
- Saris, F.W. *see* Yamada, I. 1-7213
- Sarjeant, J. *see* Krause, G.J. 1-33368
- Sarjeant, W.J. *see* Nunnally, W.C. 1-28763
- Sarkadi, L., Mukoyama, T. Planewave Born-approximation calculations of L-shell ionization cross sections 1-19165
- Sarkadi, L. *see* Mukoyama, T. 1-13942, 1-14991, 1-24237, 1-46094
- Sarkadi, L. *see* Palinkas, J. 1-6367
- Sarkari, A.D., Clarke, J. Friction and wear of aluminium-silicon alloys 1-12886
- Sarkar, C.K. On the generalised Einstein relation for non-parabolic degenerate semiconductors under magnetic quantisation 1-20771
- Sarkar, C.K. On the cyclotron resonance linewidth in semiconductors at low temperatures 1-31031
- Sarkar, C.K., Chattopadhyay, D. On the plasma frequency of a narrow-gap semiconductor under quantising magnetic fields 1-25749
- Sarkar, G. *see* Velu, E.M.T. 1-26427
- Sarkar, S. Frustration and dynamics 1-5250
- Sarkar, S.K., Bhattacharya, A.B., Sen, A.K. On the seasonal variations of VLF atmospherics and rainfall over Calcutta 1-9193
- Sarkar, S.K., Ravindran, V.R., Ramakrishna, M., Banerjee, P.K., Dutta, H.N. Rain rate measurements and rain attenuation studies at 7 GHz in Northern India 1-4575
- Sarkar, S.K., Sen, D. Unified study of a polyvalent simple metal—aluminium 1-42488
- Sarkar, S.K. *see* Bhattacharya, A.B. 1-32500
- Sarkar, S.K. *see* Das Gupta, M.K. 1-54463
- Sarkar, S.K. *see* Gera, B.S. 1-13518
- Sarkar, S.K. *see* Karve, R.S. 1-51249
- Sarkar, S.K. *see* Ramakrishna, M. 1-13519
- Sarkar, S.K. *see* Sen, D. 1-7282
- Sarkar, T.K. Nonconvergence results for the application of the moment method (Galerkin's method) for some simple problems 1-6437
- Sarkary, H.G. *see* Gartner, H.M. 1-31353
- Sarker, S.K., Krumhals, J.A. Effect of solitons on the thermodynamic properties of a system with long-range interactions 1-49952
- Sarkinen, S.H. *see* Chartier, V.L. 1-38165
- Sarkisov, G.N. *see* Agranov, Yu.V. 1-16167
- Sarkisov, P.D. *see* Pavlushkin, N.M. 1-12713
- Sarkisov, S.E. *see* Kaminskii, A.A. 1-31167
- Sarkissian, B.V.B. *see* Kolodziejczyk, A. 1-25897
- Sarkissyan, E.M. *see* Arutunyan, V.M. 1-46336
- Sarkisyan, A.G., Arutunyan, V.M., Arakelyan, V.M., Akopyan, R.S., Arakelyan, A.O., Vartanyan, R.S. Investigation of water photolysis with photoelectrodes from the region of TiO homogeneity 1-39655
- Sarkisyan, A.S., Semenov, E.V., Allakhverdova, T.S. A model of a short-range hydrodynamic forecast of currents 1-40137
- Sarkisyan, A.V., Chubaryan, E.V., Gevorkyan, A.S. Slowly rotating configurations of an incompressible fluid in the bimetric theory of gravitation 1-22783
- Sarkisyan, A.V., Khachatryan, B.V., Chubaryan, E.V. Configurations of degenerate masses in Rosen's bimetric theory of gravitation 1-9539
- Sarkisyan, A.V. *see* Arutunyan, G.G. 1-9552
- Sarkisyan, A.V. *see* Kirakosyan, A.A. 1-2875
- Sarkisyan, A.V. The ring cyclotron as a kaon-neutron generator 1-28765
- Sarkisyan, N.E. Deformability anisotropy of fiber-glass-plastic in cyclic stretching with 'rest' 1-31549
- Sarkisyan, S.A. *see* Bagdasaryan, R.A. 1-3066
- Sarkisyan, V.A. *see* Labushkin, V.G. 1-21097
- Sarkisyan, Yu.Kh. *see* Sokolov, V.G. 1-39996
- Sarlak, A.R. *see* Henricke, H.W. 1-35304
- Sarlet, W. Further generalization of Ray-Reid systems 1-49980
- Sarlet, W., Cantrijn, F. Higher-order Noether symmetries and constants of the motion 1-32879
- Sarlos, G. *see* Dupont, J.-F. 1-28571
- Sarma, B.K. *see* Calder, I.D. 1-16032
- Sarma, C.R. Permutation group and interacting subsystems of particles 1-45152
- Sarma, C.R. *see* Sahasrabudhe, G.G. 1-27811
- Sarma, D.D. *see* Rao, C.N.R. 1-29034
- Sarma, G. *see* Pichard, J.L. 1-40719
- Sarma, G.S.S., Padmanabhan, K. Some capacitive transducers for linear and angular deviation measurements 1-40755
- Sarma, K.B.N. *see* Reddy, B.J. 1-31176
- Sarma, K.R. *see* Legge, R.N. 1-13122
- Sarma, M.B.K., Sanwal, N.B. Photo-electric study of the eclipsing binary RU Eridani 1-40519
- Sarma, M.B.K. *see* Parthasarathy, M. 1-13803
- Sarma, P.R., Prakash, V., Tripathi, K.C. Optimization of the absorber thickness for improving the quality of a Mossbauer spectrum 1-23939
- Sarma, R.V. *see* Zingde, M.D. 1-53716
- Sarma, S.D., Madhukar, A. Study of electron-phonon interaction and magneto-optical anomalies in two-dimensionally confined systems 1-15993
- Sarma, S.D., Madhukar, A. Collective modes of spatially separated, two-component, two-dimensional plasma in solids 1-47519
- Sarma, S.D. *see* Das Sarma, S.
- Sarmah, N.C. *see* Khanna, K.M. 1-7404
- Sarmiento, G.S. *see* Laura, P.A.A. 1-11337
- Sarmiento, G. *see* Sanchez *see* Sarmiento, G.
- Sarmiento, J.L., Broecker, W.S. Ocean floor ^{222}Rn standing crops in the Atlantic and Pacific Oceans 1-4530
- Sarna, C.S., Stark, H. Pattern recognition of wave-forms using modern spectral estimation techniques and its application to earthquake/explosion data 1-54299
- Sarna, S.K. *see* Bardakjian, B.L. 1-32112, 1-35373
- Sarneski, J.E. *see* Surprenant, H.L. 1-19111
- Sarode, P.R. *see* Rao, C.N.R. 1-29034
- Sarohia, V., Massier, P.F. Effect of density on noise radiation from subsonic inverted velocity profile jets 1-1952

- Saroul, J. see Bailey, J. 1-820
 Sarowah, S.I.S. see Singh, I.D. 1-16557
 Sarracino, R.S. see Cooperstock, F.I. 1-27833
 Sarrak, V.I. see Baranov, S.M. 1-3926
 Sarrak, V.I. see Filippov, G.A. 1-31509
 Sarre, P.J. On the possible detection of negative ions in the interstellar medium 1-22874
 Sarry, M.F. Antiferromagnetic solution in the Hubbard model 1-25864
 Sarsers, G.I., Kalinin, N.G. The influence of stresses on the adsorption of liquid media by polytetrafluoroethylene 1-38666
 Sartakov, B.G. see Alimpiev, S.S. 1-46310
 Sarti, D. see Martignuzzi, S. 1-17206
 Sarton, E.J. Measuring the Moon's orbit 1-17974
 Sartono, S. see Semah, F. 1-13385
 Sartorelli, A.C. see Spingarn, N.E. 1-1118
 Sartorelli, G. see Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
 Sartori, S. see Morei, S. 1-40750
 Sartorio, M.S., Brosnon, P. Optical transitions in semiconductor lasers of zinc-blende structure, stress effects 1-33683
 Sartov, G., Ulrich, R. Interference filter with electro-optical tuning 1-6641
 Sartwell, B.D., Campbell, A.B., III Characterization of thin films and solid surfaces using proton-induced X-ray emission 1-48775
 Sartwell, B.D. see Covino, B.S., Jr. 1-4007
 Sarubashi, K. see Miyake, Y. 1-53711
 Sarukhanishvili, A.V. Glass formation in the $\text{MnO-B}_2\text{O}_3$ system 1-38289
 Sarukhanishvili, A.V., Gordeladze, V.G. Low-melting enamels based on manganese carbonate ore and the rheology of their slips 1-12712
 Saruwatari, M., Sugie, T. Efficient laser-diode-simulated-mode-fibre coupling using two confocal lenses 1-24501
 Sarvari, L., Vagdtal, L. Road-traffic noise in Gyor 1-39857
 Sarychev, M.E. see Barashev, P.P. 1-31878, 1-31879
 Sarychev, V.T., Spitsyn, V.G. Source function of diffusion of an ideal gas 1-19852
 Sarycheva, L.I. see Ableev, V.G. 1-18507
 Sarzeto, C. see Meyers, M.A. 1-20315
 Sarzhetskii, A.M. see Antonevich, A.I. 1-18977
 Sarzhetskii, A.M. see Butko, A.I. 1-41450
 Sarzhetskii, A.M. see Gulakov, I.R. 1-351
 Sarzhetskii, A.M. see Koyava, V.T. 1-29025, 1-46014
 Sarzhetskii, A.M. see Voropai, E.S. 1-51236
 Sasa, S. see Kaneto, K. 1-25715
 Sasa, T., Koga, S., Kurita, S. Design technology of ceramics for structural applications 1-38441
 Sasa, Y., Uda, M. Dependence of the degree of the preferred orientation on magnetic properties of the hexaferrites 1-26501
 Sasabe, S. Lifetime of quark-parton state, and impulse approximation in QCD 1-40969
 Sasada, H. Microwave inversion spectrum of $^{13}\text{NH}_3$ 1-10721
 Sasada, K., Miyake, K.P. The contrast reversal of summation Moire fringes 1-14197
 Sasaguchi, H. see Tsukamoto, Y. 1-31672
 Sasai, Y. see Yamazoe, Y. 1-13125, 1-47557
 Sasajima, H. see Neki, I. 1-6811
 Sasajima, K. see Mizumoto, Y. 1-53880
 Sasajima, S. see Otofuiji, Y. 1-40052
 Sasakawa, T., Okuno, H., Sawada, T. ^3He and ^3H bound state for the Reid soft-core potential 1-41042
 Sasakawa, T., Sawada, T. ^3He bound state for the Reid soft-core potential 1-28391
 Sasakawa, T., Sawada, T., Kim, Y.E. Asymptotic normalization constants of ^3He and ^3H 1-14477
 Sasaki, A., Nishiuma, M., Takeda, Y. Energy band structure and lattice constant chart of III-V mixed semiconductors, and AlGaSb/AlGaAsSb semiconductor lasers on GaSb substrates 1-24420
 Sasaki, A. see Yamamoto, H. 1-38790
 Sasaki, E. see Ohta, A. 1-48635
 Sasaki, F. see Takada, T. 1-24012
 Sasaki, H., Mikoshiba, N. Normalised power transmission in single mode optical branching waveguides 1-37605
 Sasaki, H., Takishima, T., Nakamura, M. Collateral resistance at alveolar level in excised dog lungs 1-26921
 Sasaki, I., Payne, D.N., Mansfield, R.J., Adams, M.J. Variation of refractive-index profiles in single-mode fibre preforms measured using an improved high-resolution spatial-filtering technique 1-11142
 Sasaki, I. see Takigawa, T. 1-26354
 Sasaki, K. Quantum-chromodynamic predictions for deep-inelastic photon-photon scatterings 1-14441
 Sasaki, K., Sato, T., Kano, M. A synthesizer of random signals with bispectral characteristics—a machine noise simulator 1-37737
 Sasaki, K., Takahashi, H., Kudo, Y., Suzuki, N. Determining the absorption coefficient of absorbing thin films with optical waveguides 1-6683
 Sasaki, K., Umezawa, T. Electrical properties and Auger electron spectroscopy analysis of oxide layers formed by anodization on Nb-Ta and Nb-Ta-N films 1-31764
 Sasaki, K. see Sakaguchi, K. 1-48523
 Sasaki, K. see Sato, T. 1-11252, 1-29492
 Sasaki, O. Imaging technique using spatially and temporally modulated wave front 1-6490
 Sasaki, R. Geometric approach to soliton equations 1-14028
 Sasaki, R. see Nakagawa, Y. 1-43616
 Sasaki, S., Fujino, K., Takeuchi, Y., Sadanaga, R. On the estimation of atomic charges by the X-ray method for some oxides and silicates 1-7140
 Sasaki, S., Mishima, T., Sakuraba, I. Thickness aberrations in two-photon-resonant image upconverters 1-19388
 Sasaki, S., Mishima, T., Sakuraba, I.C. Image formation in two-photon-resonant image upconverters 1-6619
 Sasaki, S. see Yamaguchi, M. 1-3292
 Sasaki, T. Status of the SOR-RING and the experimental program for 1979/80 1-23882
 Sasaki, T., Adachi, H. Calculations of XPS spectra for oxyanions and related compounds by the discrete variational-Xa method 1-6417
 Sasaki, T., Ishizuka, A., Abe, E., Inoue, Y., Kanai, K., Kobayashi, A., Nagao, H., Tsuruoka, K., Yuasa, Y., Sakajiri, N. Development of high sensitive water monitor protected with ice layer 1-41277
 Sasaki, T., Ito, T. Synchrotron radiation as a light source for radiation research 1-53952
 Sasaki, T., Yamamoto, M., Takeda, M. Function of parotid gland following irradiation and its relation to biological parameters 1-26954
 Sasaki, T. see Azechi, H. 1-38142
 Sasaki, T. see Ishizuka, A. 1-41258
 Sasaki, T. see Kim, H. 1-52420
 Sasaki, T. see Kobayashi, H. 1-32179
 Sasaki, T. see Kobayashi, N. 1-47472
 Sasaki, T. see Kohra, K. 1-50996
 Sasaki, T. see Mihashi, H. 1-43525
 Sasaki, T. see Shiles, E. 1-8034
 Sasaki, W. Metal non-metal transition in phosphorus-doped silicon 1-47474
 Sasaki, W. Impurity conduction in germanium and silicon 1-47641
 Sasaki, W., Saito, S. Waveforms of a Xe IV laser excited by the discharge of a long square current pulse 1-24393
 Sasaki, W. see Kobayashi, S. 1-12089, 1-20922
 Sasaki, W. see Kono, K. 1-7414, 1-52372
 Sasaki, W. see Ootuka, Y. 1-34711
 Sasaki, Y., Matsuzawa, K., Ochi, M., Hasegawa, T. High efficiency ultrasonic sound source in air 1-19536
 Sasaki, Y., Nishina, Y. Polytape dependence of intralayer bond length in $\text{GaSe}_{1-x}\text{S}_x$ mixed crystals ($0.3 \leq x \leq 0.4$) 1-47038
 Sasaki, Y. see Fujiwara, H. 1-19119
 Sasaki, Y. see Hirata, T. 1-47043
 Sasaki, Y. see Hosaka, T. 1-46560
 Sasaki, Y. see Imai, H. 1-8564
 Sasaki, Y. see Itoh, H. 1-4186
 Sasaki, Y. see Kaneda, Y. 1-4453
 Sasaki, Y. see Monerie, M. 1-24500
 Sasaki, Y.K., Reddy, J.N. A comparison of stability and accuracy of some numerical models of two-dimensional circulation 1-11457
 Sasano, K., Matsuzawa, M. Feasibility of using a high-Rydberg atom in a collision experiment as a probe to scattering of an extremely slow electron by a rare-gas atom 1-41466
 Sasanuma, T. see Rad, F.N. 1-23646
 Sasao, N. see Baum, G. 1-28323
 Sasao, T., Wahr, J.M. An excitation mechanism for the free 'core nutation' 1-49186
 Sasao, T. see Wahr, J.M. 1-49182, 1-49187
 Sasatani, T. see Asano, S. 1-4474
 Sasayama, S. see Yamazaki, S. 1-18343
 Saschuk, A.P. see Aukstulius, Z.J. 1-42799
 Saschuk, A.P. see Pozela, J.K. 1-42800
 Sasic, M. Application of quaternion functions for solving approximate fluid flow equations 1-29642
 Sasidharan, K. see Sastri, J.H. 1-44361
 Sasisekharan, V. see Pattabiraman, N. 1-29138
 Saskevich, N.A. see Karpushko, F.V. 1-33697
 Sasko, P. see Arlt, G. 1-8022
 Saslow, W.M. Macroscopic spin dynamics of spin-glasses with remanence and anisotropy 1-31399
 Saslow, W.M. Transverse flow driven by walls oscillating along their normal 1-11460
 Saslow, W.M. Interfacial three-phonon processes and anomalous interfacial energy transport 1-20495
 Sasmor, D.J. see Schmidt, T.R. 1-28662
 Sasmore, D.P. see Jones, D.C.L. 1-26955
 Saso, T., Kasuya, T. Theory of resistance and Hall maxima in Sb-doped Ge in the metallic range 1-47683
 Sasorov, P.V. see Meerson, B.I. 1-24963, 1-28895
 Sasov, A.Yu. see Rau, E.I. 1-23383
 Sasovskaya, I.I. Optical properties of the intermetallic compound TiFe 1-31113
 Sass, J.H. see Lachenbruch, A.H. 1-27108
 Sass, J.K. In situ photoemission 1-35151
 Sass, J.K. see Richardson, N.V. 1-48237
 Sass, S.L. see Carter, C.B. 1-38382, 1-52151
 Sassaroli, P. see Chiaradia, P. 1-8096, 1-52626
 Sassen, K. Infrared (10.6- μm) scattering and extinction in laboratory water and ice clouds 1-40187
 Sassik, H. see Gratz, E. 1-25701, 1-42747
 Sassik, H. see Sechovsky, V. 1-47887
 Sassin, W. see Love, P.E. 1-35619
 Sastri, J.H. A note on the occurrence of N echoes in the equatorial region 1-32571
 Sastri, J.H. Interplanetary magnetic field and equatorial ionosphere 1-44358
 Sastri, J.H., Sasidharan, K. On the relationship between geomagnetic activity and spread-F configurations at Kodaikanal 1-44361
 Sastri, M.V.C. Hydrogen energy—a prophesy come true 1-4217
 Sastri, M.V.C. Hydrogen energy 1-32058
 Sastri, N.S. see Bhargava, B.N. 1-44359
 Sastri, S. see Buczek, D. 1-8467
 Sastri, S. see Chang, H. 1-53174
 Sastri, B.A., Asadullah, S.M., Ponticelli, G., Devoto, G. EPR studies on some mixed ligand copper(II) complexes of 3,3'-diaminodipropylamine and 1,3-diaminopropane 1-43001
 Sastri, C.N., Wood, W.E. On the presence of retained austenite at the prior austenite grain boundaries of AISI 4340 steel 1-21491
 Sastri, C.V. see Agarwal, B.K. 1-28243
 Sastri, C.V. see Mishra, D. 1-45206
 Sastri, D.L., Rama Rao, K.V.S. ESR study of proton spin-flip satellite lines associated with ClO_2 in a single crystal of γ -irradiated $\text{Ba}(\text{ClO}_4)_2 \cdot 3\text{H}_2\text{O}$ 1-7948
 Sastri, D.V.K. see Naidu, B.S. 1-34704
 Sastri, G.P., Chowdhury, D. Cherenkov radiation in spatially dispersive media 1-37396
 Sastri, G.S. see Jayaram, G. 1-34927
 Sastri, G. Sivarama see Sivarama Sastri, G.
 Sastri, G.V.S., Bariar, K.K., Chattopadhyay, K., Ramachandrarao, P. Vacancy ordered phases in rapidly solidified aluminium-copper alloys 1-26448
 Sastri, J.S. see Murty, C.S. 1-17579, 1-54067
 Sastri, K.V.L.N., Vanderlinde, J. Low-field Zeeman effect of OH in the $^2\Pi_{1/2}$, $J=7/2$, $9/2$, $11/2$, $13/2$, and $15/2$ states 1-24189
 Sastri, M.D., Rao, U.R.K., Madraswala, K.H., Joshi, B.D. Differential scanning calorimetric and Mossbauer studies of phase transitions in $[\text{N}(\text{CH}_3)_4]\text{FeCl}_4$ 1-42532
 Sastri, M.D., Savitri, K., Joshi, B.D. EPR studies of Rh^+ and $\text{Rh}(\text{II})$ centers stabilized in NH_4Cl single crystals 1-31024
 Sastri, M.D. see Dalvi, A.G.I. 1-1041
 Sastri, S.B.S., Sapru, S. On the luminescence of RbI:Pb^{2+} at liquid helium temperature 1-3467
 Sastri, S.B.S., Sapru, S. Thermoluminescence in single crystals of RbBr:OH^- and RbBr:Ca^{2+} 1-8143
 Sastri, S.B.S., Sapru, S. Thermoluminescence, fluorescence, and optical absorption studies on europium-doped rubidium chloride 1-43194
 Sastri, S.B.S., Sapru, S. Optical absorption, thermoluminescence (TL) glow and emission studies on rubidium chloride 1-53002
 Sastri, S.M.L., Lederich, R.J. Subcritical crack-growth under sustained load in Ti-6Al-6V-2Sn 1-53270
 Sastri, S.M.L. see Lederich, R.J. 1-8473
 Sastri, V.S.S. see Chandramani, R. 1-21077
 Sastri, V.V.S.S. see Chakrabarti, A. 1-29185
 Sasvari, J. see Peto, G. 1-48242
 Sata, T., Kasukawa, K. Alkali corrosion and vaporization of MHD materials 1-43559
 Sata, T. see Kuribayashi, K. 1-39324
 Sata, T. see Takase, M. 1-16726, 1-21723
 Sataka, M., Urakawa, J., Okuno, K., Oda, N. Characteristics of experimental apparatus for ion-atom collisions at low and intermediate energies 1-28126
 Satani, A.M. Metastable states of a nonlinear vector field with values on a sphere 1-40942
 Satapathy, U.C., Rao, B.K., Tripathy, D.N. Charge transfer in proton-hydrogen collisions. II 1-15002
 Satbhai, P.D. see Kapur, K.D. 1-32256
 Satchler, G.R., Halbert, M.L., Stokstad, R.G., Devries, R.M., Goldberg, D.A., Cramer, J.G. Energy dependence in $^{12}\text{C} + ^{38}\text{Si}$ elastic scattering 1-5790
 Satchler, G.R. see Bertrand, F.E. 1-14502
 Satchler, G.R. see Brink, D.M. 1-23670
 Satchler, G.R. see Eck, J.S. 1-36962
 Satchler, G.R. see Fulmer, C.B. 1-50617
 Sathianandan, K. see Sebastian, P.J. 1-15167
 Sathoff, H.J. see Rossing, T.D. 1-29484
 Sathyanoorthy, M., Chia, C.Y. Large amplitude vibration of orthotropic elliptical plates 1-33923
 Sathyanarayan, S.G. see Madhusudan, V. 1-25730
 Sathyanarayana, D.N. see Gayathri Devi, K.R. 1-45957, 1-45965

- Sathyanarayana, D.N. *see* Monogaran, S. 1-45958
- Sathyanarayana, S., Munichandraiah, N. A new magnesium-air cell for long-life applications 1-48813
- Sathyanarayana Murthy, K. *see* Kistaiah, P. 1-30381, 1-38560, 1-38561, 1-47261
- Satija, I.I. Quantum Hamiltonian formalism and symmetry crossover in one dimension for weakly anisotropic Heisenberg and planar systems 1-3204
- Satija, S.K. *see* Yoshizawa, H. 1-52764
- Satikov, I.A., Strazhev, V.I. On behaviour of wave function of a dyonium under interchange of particles 1-23470
- Satish, S. *see* Basu, B.K. 1-42904
- Sato, A. Non-exponential spin relaxation near critical point in MnFe_2O_4 1-38942
- Sato, A., Masuda, K.-I. Screw-dislocation motion in BCC transition metals. Model calculation using a tight-binding-type electronic theory 1-42383
- Sato, A., Mori, T. Reply. Stress orienting effect of Fe_3N_2 in Fe-N alloys 1-53188
- Sato, A. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Sato, A. *see* Maeda, M. 1-51454
- Sato, A. *see* Masuda, K. 1-42384, 1-47084
- Sato, A. *see* Monzen, R. 1-43459
- Sato, A. *see* O'Neill, L.H., Jr. 1-50443
- Sato, E. *see* Matsumoto, Y. 1-26753, 1-31867
- Sato, F., Hashizume, H., Annaka, S. Rapid measurement of thermal diffuse scattering using a one-dimensional position sensitive proportional counter and a high-power X-ray generator 1-38202
- Sato, F. *see* Chikawa, J. 1-11865
- Sato, F. *see* Takahama, T. 1-8265
- Sato, H. Wave propagation in one dimensional inhomogeneous elastic media 1-4452
- Sato, H. On the solutions of free vibrations of symmetric and non-symmetric nonlinear systems with one degree of freedom 1-14004
- Sato, H. Time description of two particle correlations in nuclear reactions 1-14510
- Sato, H. Non-linear free vibrations of stepped thickness beams 1-19625
- Sato, H. Phonon fluctuation model for $1/f$ noise in semiconductors 1-20835
- Sato, H. Unification of generations and the Cabibbo angle 1-28257
- Sato, H. Horizon of the Universe and the broken symmetric theory of gravity. The shortest time 1-36443
- Sato, H., Gamo, H. Pulse propagation method for line-shape parameter analysis in a slightly-saturated laser amplifier: application to the xenon 3.5 μm line 1-41759
- Sato, H., Gschwend, K. Temperature dependence of the Haven ratio in β -alumina 1-25500
- Sato, H., Hara, S. Autoionising states of He^{2+} . II. Potential energy curves and energy widths 1-24048
- Sato, H., Kato, M. Output power and frequency-pulling in a partially homogeneously broadened, saturated single-mode ring laser: analytical formulas 1-46391
- Sato, H., Suzuki, N. A digital full-autocorrelator for photoelectric pulses 1-45019
- Sato, H., Takahara, F. Clustering of the relic neutrinos in the expanding Universe 1-49868
- Sato, H., Yazaki, K. On the coalescence model for high energy nuclear reactions 1-23627
- Sato, H. *see* Asai, F. 1-28494
- Sato, H. *see* Hara, T. 1-17745
- Sato, H. *see* Hatada, K. 1-24302
- Sato, H. *see* Kasatani, K. 1-46047
- Sato, H. *see* Kawasaki, M. 1-8572
- Sato, H. *see* Nagata, S. 1-34870
- Sato, H. *see* Ohno, Y. 1-48830
- Sato, H. *see* Saito, M. 1-4942
- Sato, H. *see* Shibayama, K. 1-19535
- Sato, H. *see* Shintomi, T. 1-48928
- Sato, H. *see* Utsunomiya, T. 1-24484
- Sato, H. *see* Yoshioka, N. 1-11199
- Sato, H.K., Sampaio, E.S. Electrical sounding of a half-space with a monotonic continuous variation of the resistivity with depth 1-53974
- Sato, I. Accelerator structure and beam transport system for the KEK Photon Factory injector 1-23872
- Sato, I. *see* Kaga, H. 1-52743
- Sato, J., Kawabuchi, M., Fukumoto, A. Relationship between performance of ultrasound transducer and material constants of piezoelectric ceramic vibrator 1-24646
- Sato, J., Sato, K., Yokozawa, O. Variation of concentrations of radon and some other constituents of underground waters in a landslide zone: Narao district, Nagano Prefecture 1-9182
- Sato, J., Takahashi, H., Sato, K. Application of portable liquid scintillation counter: radon content of underground water and environmental radioactivity 1-44316
- Sato, K. Observation on formation process of inclusion-growth spiral pairs in stearic acid crystals grown from solution 1-11710
- Sato, K. Vibrations of non-homogeneous membranes with time-dependent boundary conditions 1-19621
- Sato, K. Buckling of an elastically restrained elliptical plate under uniform compression 1-24709
- Sato, K. Cosmological baryon-number domain structure and the first order phase transition of a vacuum 1-40585
- Sato, K., Itatani, R., Momota, H. Excitation of flute-type negative-energy ion-cyclotron waves due to ion gradient-B drifts in high-B mirror-confined plasmas 1-38085
- Sato, K., Takaya, K., Pollak, V. A laser scanning system for reproduction of X-ray transparencies 1-35876
- Sato, K. *see* Aizawa, M. 1-2229, 1-19952
- Sato, K. *see* Inaoka, K. 1-2838
- Sato, K. *see* Karashima, K. 1-33975
- Sato, K. *see* Nagata, K. 1-12962
- Sato, K. *see* Ohkubo, K. 1-11576
- Sato, K. *see* Okada, S. 1-42161
- Sato, K. *see* Sato, J. 1-9182, 1-44316
- Sato, K. *see* Tanabe, T. 1-28770
- Sato, K. *see* Terasawa, H. 1-12523
- Sato, K. *see* Watanabe, K. 1-19352
- Sato, K.I., Osanai, Y., Aizawa, T. Production of a fat plasma in a reversed-field configuration of high efficiency 1-6983
- Sato, M. Gas adsorption on tungsten exposed to a mixture of nitrogen and oxygen 1-20561
- Sato, M., Lowde, R.D., Saunders, G.A., Hargreave, M.M. On the martensitic transformation in FCC manganese alloys. II. Phenomenological analysis 1-30379
- Sato, M., Miwa, T., Jimbo, M. Aspects of holonomic quantum fields. Isomondromic deformation and Ising model 1-36821
- Sato, M., Ohya, T., Morishima, I. Crystal field analysis of EPR g-factors in low-spin Fe(III) haem complexes 1-48947
- Sato, M. *see* Kihara, T. 1-49292
- Sato, M. *see* LEE, S.M. 1-36975
- Sato, M. *see* Lowde, R.D. 1-30378
- Sato, M. *see* Miyazawa, T. 1-18732
- Sato, M. *see* Nakano, F. 1-15791
- Sato, M. *see* Ohkubo, K. 1-11576
- Sato, M. *see* Oya, A. 1-39259
- Sato, N., Ayukawa, M., Fukunishi, H. Conjugacy of ELF-VLF emissions near L=6 1-32574
- Sato, N., Sakamoto, S. Breakdown process between parallel plates in SF_6/N_2 mixtures 1-15717
- Sato, N., Seki, K., Inokuchi, H. Ultraviolet photoelectron spectra of tetrahalogeno-p-benzoquinones and hexahalogenobenzenes in the solid state 1-53051
- Sato, N. *see* Kakuta, A. 1-14661
- Sato, N. *see* Saeiki, K. 1-19916
- Sato, N. *see* Seo, M. 1-17120, 1-21625, 1-35452
- Sato, O. *see* Abilock, H. 1-39719
- Sato, R., Hirata, N. One method to compute theoretical seismograms in a layered medium 1-44118
- Sato, R. *see* Matsu'ura, M. 1-44117
- Sato, R. *see* Tanimoto, T. 1-44120
- Sato, R.I. *see* Janini, G.M. 1-53494
- Sato, S., Imamura, Y., Kawamata, K., Awaji, H., Oku, T. Irradiation effects on thermal shock resistance and fracture toughness of HTGR-graphite 1-36999
- Sato, S., Kawamata, K., Awaji, H., Miyachi, M. Combined-mode fracture toughness of reactor-grade graphite at high temperature 1-3891
- Sato, S., Kawara, K., Kobayashi, Y., Okuda, H., Noguchi, K., Mukai, T., Mukai, S. Infrared polarization of Venus 1-40368
- Sato, S., White, J.M. Photocatalytic production of hydrogen from water and Texas lignite by use of a platinumized titania catalyst 1-53695
- Sato, S. *see* Kobayashi, Y. 1-54633, 1-54659
- Sato, S. *see* Matsumura, M. 1-11438
- Sato, S. *see* Ota, T. 1-46730
- Sato, S. *see* Shimura, S. 1-53802
- Sato, S. *see* Takama, T. 1-15752
- Sato, S. *see* Tazaka, S. 1-22654
- Sato, S. *see* Umemoto, H. 1-19049
- Sato, T., Homma, T., Fukushima, Y., Hara, K. Dynamic characteristics of L-type horizontal cell in the carp retina—a comparison between photopic L-type and scotopic L-type 1-39916
- Sato, T., Ikeda, O., Azuma, T. Ultrasonic imaging system using orthogonal function wavefronts 1-29491
- Sato, T., Norton, S.J., Linzer, M., Ikeda, O., Hiram, M. Tomographic image reconstruction from limited projections using iterative revisions in image and transform spaces [X-ray and US imaging] 1-40909
- Sato, T., Sasaki, K., Horichi, M. Superresolution ultrasonic imaging system using focused beam illumination and algebraic reconstruction 1-11252
- Sato, T., Sasaki, K., Taketani, M. Bispectral passive velocimeter of a moving noisy machine 1-29492
- Sato, T., Ueda, Y., Ikeda, O. Transmission-type PVDF 2-D optical phase modulator 1-41823
- Sato, T. *see* Makino, M. 1-24930
- Sato, T. *see* Mitic, A. 1-30656
- Sato, T. *see* Miyashita, H. 1-49144
- Sato, T. *see* Miyazaki, K. 1-51551
- Sato, T. *see* Okuda, H. 1-11545
- Sato, T. *see* Sasaki, K. 1-37377
- Sato, T. *see* Suzuki, A. 1-23524
- Sato, T. *see* Tanaka, K. 1-32377
- Sato, T. *see* Tanaka, M. 1-46921
- Sato, T. *see* Yabuzaki, T. 1-8556
- Sato, Y., Kimura, S., Katsube, Y. Determination of the mass thickness and true density of vacuum-deposited Cr films by X-ray fluorescence 1-25597
- Sato, Y., Sadatomi, M., Sekoguchi, K. Momentum and heat transfer in two-phase bubble flow. I. Theory 1-51852
- Sato, Y., Sadatomi, M., Sekoguchi, K. Momentum and heat transfer in two-phase bubble flow. II. A comparison between experimental data and theoretical calculations 1-51853
- Sato, Y. *see* Akaishi, M. 1-35214
- Sato, Y. *see* Kanno, K. 1-48600
- Sato, Y. *see* Miyagi, M. 1-84732
- Sato, Y. *see* Sekoguchi, K. 1-46735
- Sato, Y. *see* Watanabe, A. 1-50237
- Sato, Y. *see* Watanabe, K. 1-41726
- Satoh, C. *see* Miyamoto, M. 1-17896
- Satoh, H., Isshiki, S., Gotoh, H., Matsumoto, M. Auto-control method of turbulent electric fields in a magnetized positive column 1-38170
- Satoh, K., Hashiba, M., Watanabe, K., Yamashina, T., Yabe, K. Sorption process of nitrogen and in-depth profiles of nitride layers of titanium 1-30558
- Satoh, K., Kitaoka, Y., Yasuoka, H., Takayanagi, S., Sugawara, T. Spin-echo studies of ^{141}Pr nuclear relaxation in a single ground state system $\text{Pr}_{1-x}\text{La}_x\text{In}_3$ 1-52865
- Satoh, K. *see* Hosoya, Y. 1-4565, 1-4598
- Satoh, K. *see* Saito, S. 1-16131
- Satoh, M., Taki, T. Lattice relaxation and electric-field-gradient calculations in impurity-doped single ionic crystals 1-7571
- Satoh, S., Igaki, K. Effect of native defect concentration on free-exciton luminescence in zinc selenide 1-12570
- Satoh, S. *see* Kasuya, A. 1-48141
- Satoh, T. *see* Ishizuka, A. 1-41258
- Satoh, T. *see* Mori, H. 1-3151
- Satoh, Y. *see* Fujishiro, M. 1-33236
- Satoh, Y. *see* Takebe, M. 1-12989
- Satom, N. *see* Uyama, T. 1-19919
- Satou, M. *see* Fujii, K. 1-50918
- Satou, T. *see* Fujii, K. 1-50918
- Sator, Yu.A. *see* Anisimov, V.N. 1-33711
- Satpathy, L. *see* Gross, D.H.E. 1-45532
- Satspen, V.G. *see* Lazarev, V.B. 1-25067
- Satsuk, V.V. *see* Zusanov, A.G. 1-36147
- Satsuma, J. *see* Kodama, Y. 1-49951
- Satta, L. *see* Bizard, G. 1-5784
- Satta, L. *see* Bologna, G. 1-28817
- Sattar, K.A. Ultraviolet radiation measurements in N_2O mixtures and vacuum ultraviolet radiation measurements in O_2 and N_2 1-14181
- Sattarov, D.K. *see* Babkina, T.V. 1-6671
- Sattarov, D.K. *see* Nesterova, Z.V. 1-51560
- Sattarov, I. Zeeman splitting of spectral lines in different structural elements of sunspot umbrae 1-44528
- Sattarov, R.M., Mamedov, R.M. On motion equation of elasto-plastic media in pipes of visco-elastic material 1-38015
- Satter, M.A. Noise reduction of a drawroll assembly by design 1-41920
- Satterfield, R.M., Beltracchi, L. Nuclear power plant safety in the man-machine interface 1-28648
- Sattlegger, J.W., Stiller, P.K., Echterhoff, J.A., Hentschke, M.K. Common Offset Plane Migration (COPMIG) 1-54262
- Sattler, E.L. *see* Kindt, A. 1-32207
- Sattler, K. *see* Muhlbach, J. 1-26394
- Satunkin, G.A. *see* Brenner, E.A. 1-7099
- Satunkin, G.A. *see* Tatchenko, V.A. 1-2361
- Satunkin, G.A. *see* Zhdanov, A.V. 1-30111
- Satya Murthy, N.S. *see* Chakravarthy, R. 1-7812
- Satyabala, S.P., Madhusudan Rao, B., Sampath Kumar, J., Mallikarjun Rao, S.P. Ultrasonic digital thermometer using the sing-around technique 1-258
- Satyabala, S.P., Mallikarjun Rao, S.P., Suryanarayana, M. Sing-around technique of determining ultrasonic velocity in liquids using a single transducer 1-37733
- Satyamurthy, K., Singh, J.P., Hasselman, D.P.H., Kamat, M.P. Effect of spatially varying thermal conductivity on the magnitude of thermal stress in brittle ceramics subjected to convective heating 1-2714
- Satyamurthy, K., Singh, J.P., Hasselman, D.P.H., Kamat, M.P. Transient thermal stresses in cylinders with a square cross section under conditions of convective heat transfer 1-37766
- Satyan, V. *see* Goswami, B.N. 1-27238
- Satyan, V. *see* Keshavamurthy, R.N. 1-49371
- Satyan, V. *see* Sinha, H.S.S. 1-44208
- Satyanarayana, M.V. *see* Velu, E.M.T. 1-26427
- Satyanarayana Rao, T. *see* Brahmaji Rao, V. 1-35536

- Satyshur, K. *see* Bergstrom, R. 1-30209
- Satz, H. From hadron to quark matter 1-18451
- Satz, H. *see* Celik, T. 1-18440
- Sau, J. *see* Fogelberg, B. 1-41058
- Sau, R., Hudson, J.B. The oxidation of carbide monolayers on Ni(110) 1-39683
- Sau Lan Wu *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Saur, T.O. *see* Moberg, L. 1-50861
- Saubade, C. Refractive index of pure water at low temperature and 5893 Å wavelength 1-52910
- Saubat, B., Vlasse, M., Fouassier, C. Synthesis and structural study of the new rare earth magnesium borates $\text{LnMgB}_2\text{O}_{10}$ ($\text{Ln} = \text{La}, \dots, \text{Er}$) 1-25213
- Sauder, T. *see* Suga, S. 1-26178
- Sauder, W.C. *see* Deslattes, R.D. 1-36920
- Saudraix, J., Denegri, D., Loret, M., Mosca, L., Scheuer, J.C., Strachman, Z., Ajinenko, I.V., Belokopitov, Y.A., Chlapnikov, P.V., Gorbunov, P.A., Radikov, V.N., Vorobey, A.P., Dujardin, C., Grand, F., Laurent, J., Windmolders, R., Barth, M., De Wolf, E.A., Verbeure, F. Inclusive single and double diffractive dissociations in $\text{K}^+ \text{p}$ interactions at 32 GeV/c 1-5666
- Sauer, G. Teaching classical statistical mechanics: a simulation approach 1-27712
- Sauer, G.W. *see* Movaghgar, B. 1-199, 1-7617
- Sauer, H.J., Jr. *see* Lahkavani, F. 1-35596
- Sauer, J. *see* Scharfenberg, P. 1-26879
- Sauer, J.A., Richardson, G.C. Fatigue of polymers 1-31588
- Sauer, J.R. *see* Ambats, I. 1-1026
- Sauer, J.R. *see* Corcoran, M. 1-33204
- Sauer, K. *see* Nairn, J.A. 1-13220
- Sauer, P.U. Nucleon-nucleon interaction in applications 1-50514
- Sauer, P.U. *see* Hajduk, C. 1-45415
- Sauer, R. *see* Wagner, J. 1-42696
- Sauer, R. *see* Weber, J. 1-47484
- Sauermann, G., Wiegand, M. Frequency matrix for the calculation of correlation functions in dipolar systems 1-52787
- Sauers, I., Christophorou, L.G., Frees, L.C., Ellis, H.W. Aspects of environmental effects of dielectric gases 1-15687
- Sauers, I. *see* Pai, R. 1-15709
- Saukkonen, S. *see* Viitasalo, J.T. 1-53771
- Sauleau, J. *see* Lissillour, R. 1-29156
- Sauliewicz, S. *see* Auleytny, R. 1-20523
- Saulgozis, Yu.Zh., Avetisov, E.S., Vilks, Yu.K. Velocity of ultrasound in the sclera 1-17453
- Sauli, F. *see* Breskin, A. 1-23958
- Sauli, F. *see* Feio, M.A. 1-18963
- Sauli, F. *see* Petersen, G. 1-14756
- Saulys, A. *see* Chung, S.U. 1-14423, 1-45362
- Saunders, B.J. *see* Bourquin, M. 1-10276
- Saunders, C.P.R. *see* Cooper, W.A. 1-10276
- Saunders, D.A. Low temperature annealing of 7.62 mm brass cartridge cases: Stress corrosion susceptibility 1-53222
- Saunders, D.A., Kryder, M.H., Gallagher, T.J. Charged walls in a fourfold symmetric (100) garnet film 1-7874
- Saunders, F.C. *see* Hilsium, C. 1-15795
- Saunders, G.A., Yorgutcu, Y.K. Free carrier contributions to the second and third order elastic constants of antimony 1-47143
- Saunders, G.A. *see* Blanchfield, P. 1-7231
- Saunders, G.A. *see* Ford, P.J. 1-2584
- Saunders, G.A. *see* Lowde, R.D. 1-30378
- Saunders, G.A. *see* Miller, A.J. 1-34995
- Saunders, G.A. *see* Pelzl, J. 1-30383
- Saunders, G.A. *see* Sato, M. 1-30379
- Saunders, G.A. *see* Yorgutcu, Y.K. 1-24633, 1-34396, 1-34428, 1-38431
- Saunders, J. *see* Dahm, A.J. 1-16132
- Saunders, J.C. *see* Kuhn, A. 1-32144
- Saunders, J.E. *see* Tonge, K.A. 1-49101
- Saunders, M.J. The effect of an electric field on the backscattered radiance of a single water droplet 1-6457
- Saunders, N. *see* Scharf, S.M. 1-17422
- Saunders, P.M. *see* Leetmaa, A. 1-27209
- Saunders, P.T. Introduction to catastrophe theory 1-17959
- Saunders, V.I. *see* Furman, B.K. 1-15918
- Saunders, V.R. *see* Delancy, J.J. 1-45832
- Saunders, V.R. *see* Kowalewski, J. 1-51107
- Saunders, V.R. *see* Wilson, S. 1-1119
- Saunderson, J.C. *see* Allibone, T.E. 1-15725, 1-20008
- Saunef, R. *see* de Beaucoudrey, N. 1-51986
- Saunier, G. *see* Kalos, F. 1-21924
- Saunier, N. *see* Consolo, A. 1-50517
- Saur, O., Travert, J., Lavalley, J.-C., Chabanel, M. The vibrational spectra of deuterated methanethiols: CD_3SH and CD_3SD 1-51194
- Saurel, J.M., Roig, J. Determination of the optical properties of interference filters Fabry-Perot and symmetric or asymmetric double half-wave types 1-11072
- Saurel, J.M. *see* Attal, J. 1-41932
- Sausen, K.N., Zav'yalov, E.N. Photoelectric instruments for clinical diagnostic laboratories (present state and future problems) 1-43936
- Saussure, G. *see* de Saussure, G.
- Sauter, E.G. Brillouin diagrams for optical wave propagation in twisted dielectric media. Group theoretical treatment 1-51373
- Sauter, E.G., Grau, G.K. Excitation of steady-state power distribution in parabolic-index fibres by Gaussian TEM_{00} -beam 1-1698
- Sauter, E.G. *see* Grau, G.K. 1-41833
- Sautereau, H. *see* Blasse, G. 1-52980
- Sauthoff, G. Comment. Interpretation of two step ageing experiments for the stress orienting of precipitates 1-51387
- Sauthoff, G., Schulze, O. Ausscheidung und Kriechfestigkeit (Precipitation and creep resistance) 1-3752
- Sauthoff, G., Speller, W. Deformation induced σ phase precipitation in a Fe-Cr-Si alloy 1-31464
- Sauthoff, N. *see* Brau, K. 1-19944
- Sauthoff, N. *see* Meservey, E.B. 1-24992
- Sautier, J.-L., Delleur, J.-W. Calibration and sensitivity analysis of the STORM continuous flow simulation model 1-49307
- Sauvage, Simon, M.F. Liquid metal fast breeder reactor program in France 1-41225
- Sauvage, D. *see* Commandre, M. 1-20120
- Sauvage, D. *see* Fruchart, D. 1-20123
- Sauvage, G. *see* Bourquin, M. 1-10276
- Sauvage, J.-P. *see* Lehn, J.-M. 1-48709
- Sauvage, M. *see* Hart, M. 1-10052
- Sauvage, M. *see* Petrot, J.F. 1-20223
- Sauvage, M. *see* Rignet, P. 1-11756
- Sauvajol, J.L. Molecular motions of triethylene-diamine in its low-temperature phase 1-30333
- Sauvajol, J.L. *see* Amoureux, J.P. 1-34191
- Sauvaud, J.A., Galperin, Yu.I., Gladyshev, V.A., Kuzmin, A.K., Muliarchik, T.M., Crasnier, J. Spatial inhomogeneity of magnetosheath proton precipitation along the dayside cusp from the Arcad experiment 1-17739
- Sava, P.G. *see* Smigielski, P. 1-14175
- Savadatti, M.I. *see* Gorbai, M.R. 1-17046
- Savage, A. *see* Bolton, J.G. 1-9719
- Savage, A. *see* Clowes, R.G. 1-9714
- Savage, B.D., de Boer, K.S. Ultraviolet absorption by interstellar gas at large distances from the galactic plane 1-54575
- Savage, C.M. *see* Niki, H. 1-14880
- Savage, C.R., Herrmann, U., Sundani, G., Schelly, Z.A. Synchronized flash light source optical detection for electric field-jump relaxation experiments 1-4138
- Savage, H.C. *see* Collins, E.D. 1-18856
- Savage, J.A., Webber, P.J., Pitt, A.M. The potential of Ge-As-Se-Te glasses as 3-5 μm and 8-12 μm infrared optical materials 1-41798
- Savage, J.C., Lisowski, M. Deformation in Owens Valley, California 1-32391
- Savage, J.C., Lisowski, M., Prescott, W.H. Geodetic measurement of horizontal deformation across the Rio Grande rift near Socorro, New Mexico 1-44067
- Savage, J.W. *see* Brill, J.W. 1-47625
- Savage, W.F. Site-specific studies of nuclear energy centers 1-45718
- Savage, W.F. *see* Manning, P.E. 1-26659
- Savage, W.R. *see* Becken, R.B. 1-25871
- Savanina, N.N. *see* Ivanova, L.P. 1-8416
- Savari Raj, G.A. *see* Jagannathan, R. 1-28888
- Savary, G. IRMS: an interactive image processing package of IBM-France 1-49274
- Savas, O. Some measurements in synthetic turbulent boundary layers 1-1945
- Savas, O. *see* Coles, D. 1-42043
- Savastenko, V.A. *see* Sheleg, A.U. 1-6760
- Savatina, I., Chisler, E.V., Rohleder, J., Jakubovskii, B. OD stretching vibrations in deuterated potassium ferrocyanide trihydrate 1-8068
- Savborg, O., Lundberg, M. Phase analysis studies on the system $\text{PbO-PbF}_2\text{-Nb}_2\text{O}_5\text{-NbO}_2\text{F}$ 1-20157
- Savchenko, A.P. *see* Kravchenko, A.F. 1-52606
- Savchenko, E.V. *see* Grigorashchenko, O.N. 1-3451
- Savchenko, I.A. *see* Chermesky, P.G. 1-47418
- Savchenko, I.A. *see* Kirienko, V.I. 1-38211
- Savchenko, M.A., Stefanovich, A.V. Compounds of rare-earth metals with the magnetic structure of spin glass 1-3184
- Savchenko, M.A., Stefanovich, A.V. Fluctuation theory of superconducting compounds of rare-earth metals 1-12238
- Savchenko, M.K. *see* Efimov, V.I. 1-7923
- Savchenko, V. *see* Baker, D.J., Jr. 1-13562
- Savchenko, V.A. *see* Pavlovskii, A.I. 1-18931
- Savchenko, V.I. *see* Dadayan, K.A. 1-30545
- Savchenkov, G.A., Kunakov, V.G. Heat-transfer crisis in low-temperature evaporative thermosiphons 1-11295
- Savchin, V.P. *see* Bodak, O.I. 1-29980
- Savchuk, A.I. *see* Gavaleshko, N.P. 1-31177, 1-34746
- Savedoff, M.P. *see* Helfer, H.L. 1-44555
- Savel'ev, A.S. *see* Andrianov, D.G. 1-20971
- Savel'ev, G.A. *see* Dem'yanenko, P.A. 1-3029
- Savel'ev, G.G. *see* Mitrenin, Y.V. 1-26739
- Savel'ev, G.I. *see* Barsov, S.G. 1-16518
- Savel'ev, M.V. *see* Leznov, A.N. 1-36791
- Savel'ev, V.L. *see* Trukhin, A.N. 1-42824, 1-43178
- Savel'ev, V.N. *see* Makushkin, Yu.S. 1-1302
- Savel'ev, Yu.N. *see* Miloshenko, V.E. 1-3098
- Savel'eva, V.P. *see* Andronov, V.P. 1-19404
- Saveliev, M.V. *see* Leznov, A.N. 1-14269
- Savelyer, V.G. *see* Mineyev, Yu.V. 1-22624
- Savenko, B.N. *see* Balagurov, A.H. 1-8021
- Savenko, B.N. *see* Shuvalov, L.A. 1-26147
- Savenko, I.A., Saraeva, M.A., Shavrin, P.I. Excess cosmic ray emission 1-27346
- Savenko, I.A. *see* Loznikov, V.M. 1-17910
- Savenko, I.A. *see* Mineyev, Yu.V. 1-22645
- Savenko, I.A. *see* Mineyev, Yu.V. 1-22624
- Savenko, I.A. *see* Volodichev, N.N. 1-36132
- Savenko, P.A. The synthesis of quasioptical lens lines 1-1672
- Savenko, V.I. *see* Kuchumova, V.M. 1-7172
- Savenkova, M.A. *see* Bukhalova, G.A. 1-35240
- Savenkova, M.A. *see* Mardirosova, I.V. 1-31435
- Savic, P., Kekez, M.M. Possible interpretation of the gas discharge structure in a rod/plane gap 1-7026
- Savic, P., Kekez, M.M. Subnanosecond schlieren study of spark channel tip. II 1-15736
- Savic, P. *see* Kekez, M.M. 1-15735
- Savich, N.A. *see* Vasilyev, M.B. 1-9395
- Savichev, V.V. *see* Agafonov, M.S. 1-31329
- Savicius, E.G., Kaniauskas, J., Rudzikas, Z.B. Quasi-spin method in the case of j-coupling within a shell of equivalent atomic electrons 1-19002
- Savides, E. *see* Zamani, M. 1-51052
- Savin, I.V. *see* Bakharevskaya, T.M. 1-13610
- Savin, M.G. Experience in direction analysis of the pulse variations of a magnetotelluric field in the Far East 1-53985
- Savin, M.T. *see* Burkov, V.A. 1-54131
- Savin, V.I. *see* Bydinskaya, I.N. 1-2624
- Savina, I.M., Sevast'yanov, R.I., Pankova, N.A. Effect of the siting of the electrodes on the convection in the glass melt 1-9985
- Savinell, R.F. *see* Hruska, L.W. 1-48815
- Savini, A. *see* Mognaschi, E.R. 1-28025
- Savinich, V.S. *see* Adamov, D.B. 1-11890
- Savinkov, A.I. *see* Chan Hai Guin 1-20231
- Savino, E.J. *see* Bolch, J.C. 1-7252
- Savino, E.J. *see* Migoni, R. 1-5248
- Savinov, G.A. *see* Baru, S.E. 1-5451
- Savinov, I.A. *see* El'yashov, M.E. 1-14026
- Savinov, S.Yu. *see* Brukhovetskiy, A.P. 1-29129
- Savinov, V.P. *see* Morichev, I.E. 1-11197, 1-26159
- Savinskaya, A.A. *see* Gol'dshstein, V.Ya. 1-8327
- Savit, R. Phase structure and dual properties of Zn -symmetric models on a triangular lattice 1-9945
- Savitchev, V. *see* Avduyevsky, V. 1-44404
- Savitri, K. *see* Sastry, M.D. 1-31024
- Savitskas, I.A. *see* Vasil'ev, P.E. 1-37755
- Savitskaya, L.A. *see* Gertsikien, D.S. 1-20468
- Savitskii, A.V., Gal, A.E., Leksovskaya, N.P. Method to obtain samples of monofibers whose IR spectra can be measured in a stressed state 1-53370
- Savitskii, E.M., Efimov, Yu.V., Panova, G.Kh., Shomova, N.A., Shikov, A.A., Khlopkin M.N. Doping effect on T_c of V_3Ge compound 1-47777
- Savitskii, E.M., Gribulya, V.G., Kiseleva, N.N. Forecasting of superconducting compounds 1-52740
- Savitskii, E.M. *see* Boletskaya, T.K. 1-30626, 1-30627
- Savitskii, E.M. *see* Egorushkin, V.E. 1-30382
- Savitskii, E.M. *see* Uspenskiy, Yu.A. 1-2950
- Savitskii, V.G., Sokolovskii, B.S. Carrier redistribution due to an electric current passing through a variband structure 1-30757
- Savitsky, E.M., Jefimov, J.V., Frolowa, T.M., Schomowa, N.A. Structure and properties of ternary alloys $\text{V}(\text{Nb-Al-Ga-Si-Ge-Sn-Cu})$ 1-34821
- Savitsky, E.M. *see* Andreeff, A. 1-20684
- Savitsky, E.M. *see* Frolowa, T.M. 1-34840
- Savitsky, G.B. *see* McKenna, J.F. 1-14915
- Savitsky, M.M. *see* Efremenko, V.I. 1-33173
- Savitsky, M.M. *see* Frankfort, L.L. 1-18465
- Savitsky, Ye.M. *see* Bucki, M. 1-12762
- Savitzkij, E.M., Jefimov, J.V., Muchin, G.G. Rapid quenching of eutectic copper melts 1-43382
- Savkina, L.Ya. *see* Fel'dgandler, E.G. 1-26677
- Savkov, E.S. *see* Frolow, V.F. 1-50124
- Savkun, L.Z. *see* Pinkhusovich, R.L. 1-27995
- Savolainen, I., Vuori, S. ARANO-A computer program for the assessment of radiological consequences of atmospheric radioactive releases 1-39856
- Savon, K. New high-efficiency photovoltaic solar panels bring everyday applications closer to reality 1-43765
- Savostin, L.A. *see* Verzhbitskiy, Ye.V. 1-4642
- Savost'yanov, V.A. *see* Lebedev, V.P. 1-43176
- Savost'yanov, M.V., Radchenko, I.S. Current position on the optical characteristics of silver in finely dispersed systems 1-28110
- Savoy, R. *see* Angiello, J. 1-47406

- Savrin, V.I., Skachkov, M.B. Relativistic potential with QCD large- Q^2 branching and the decay form factors of mesons 1-14322
- Savruk, M.P. System of curved slits in an elastic body under antiplane strain 1-29626
- Savrukhin, A.P. see Vorob'ev, R.N. 1-30771
- Savukinas, A.J., Cizunas, A.R. Ionization-induced attenuation of atomic spectral lines in a plasma electric microfield 1-19880
- Savulescu, S. see Dumitrescu, H. 1-24772
- Savulescu, St.N. Large scale periodic solutions of the unsteady boundary layer equations 1-1909
- Savushkin, A.F. see Birman, A.Ya. 1-41752
- Savushkin, V.N. see Vinnikov, A.Ya. 1-52575
- Savvides, N., Goldsmid, H.J. On the boundary scattering of phonons in silicon 1-47310
- Savvidi, G.K. see Ananikyan, N.S. 1-18383
- Savvidi, G.K. see Batalin, I.A. 1-416
- Savvidis, E., Fedders, H., Hammeke, K. Experimental investigation of the dissociation of SO_2 -water mixtures and the heat transfer in high-pressure gas mixture chemical reactions 1-39838
- Savvin, S.B. see Gribov, L.A. 1-48671
- Savvin, Yu.I. see Gerasimov, V.P. 1-1897
- Savy, C. see Peugeot, C. 1-2588
- Savayak, V.V. see Baranskii, P.I. 1-31015, 1-34926
- Saw, C.K. see Sharma, Y.P. 1-30062
- Saw, D. see Milbourn, S.W. 1-36301
- Saw, E.L. see Yap, C.T. 1-23554
- Sawa, G. see Kitagawa, K. 1-43067
- Sawa, G. see Nakamura, S. 1-42566, 1-42567
- Sawa, M. see Kai, K. 1-13696, 1-54373
- Sawada, A., Usui, S., Kikuchi, M. Behavior of fluorine atoms in a Si-FH alloy investigated by gas evolution and infrared absorption 1-48670
- Sawada, A. see Midorikawa, M. 1-8024
- Sawada, A. see Sugiyama, J. 1-11859
- Sawada, A. see Usui, S. 1-34595
- Sawada, A. see Wada, M. 1-26188, 1-48013, 1-52943
- Sawada, K. see Matsumoto, H. 1-12191
- Sawada, O. see Kakuda, T. 1-9009
- Sawada, S. Theory of chemisorption based on a surface molecule plus indented solid model 1-2802
- Sawada, S., Yamaguchi, T., Shiroishi, Y., Yamamoto, A., Takashige, M. Experimental studies on ferroelectricity in Rb_2ZnCl_4 1-8013
- Sawada, S. see Ebisawa, S. 1-21905
- Sawada, S. see Miyagi, M. 1-8472
- Sawada, S. see Tanisaki, S. 1-30156
- Sawada, T. On the universality of the strong van der Waals force between hadrons 1-50405
- Sawada, T., Shimizu, H., Oda, S. Observation of subsurface structures by scanning laser photoacoustic spectroscopy 1-40866
- Sawada, T. see Hasegawa, H. 1-12209, 1-52658
- Sawada, T. see Sasakawa, T. 1-14477, 1-28391, 1-41042
- Sawada, T. see Yokoyama, S. 1-47748
- Sawada, Y. see Nakajima, K. 1-53414
- Sawada, Y. see Shiomi, S. 1-7921
- Sawada, Y. see Suzuki, M. 1-33970
- Sawafuji, K., Nakamura, K., Arakawa, T. Tomographic analysis to infer the shape of reflecting defect using ultrasonic technique 1-39553
- Sawafuji, M., Tokunaga, M., Tatsuzaki, I. Light scattering in KD_2PO_4 1-26221
- Sawaguchi, E. see Goto, Y. 1-39044
- Sawaguchi, E. see Tanaka, M. 1-25212
- Sawai, H. see Nunoi, T. 1-4188
- Sawaki, N., Nishinaga, T. Non-linear and hopping transport of wide-band-gap semiconductors 1-12116
- Sawaki, N., Nishinaga, T. Stark ladder resonance in ZnS 1-47703
- Sawamoto, M. see Wakaizumi, S. 1-41005
- Sawamura, I. see Nishiya, I. 1-4356
- Sawamura, K. see Mukai, K. 1-2777
- Sawan, Y., Wakim, F., Abu-Zeid, M., El-Gabaly, M. The non-metal-metal transition in As_2Se_3 with the addition of some 3-d elements 1-47715
- Sawan, Y., Wakim, F.G., El-Gabaly, M., El-Rayess, M.K. Study of the region of glass formation and electrical properties of the As-Se-Sb system 1-30080
- Sawant, H.S., Bhonsle, R.V., Degaonkar, S.S., Takakura, T. Complementary bursts, coronal inhomogeneities and new microscopic spectral features of solar bursts in type IV bursts 1-4883
- Sawaoka, A. see Mashimo, T. 1-11815
- Sawaoka, A. see Saito, S. 1-35226
- Sawaoka, A. see Yasumoto, Y. 1-23254
- Sawatari, H. see Iguchi, E. 1-7127
- Sawbridge, P.T., Baker, C., Cornell, R.M., Jones, K.W., Reed, D., Ainscough, J.B. The irradiation performance of magnesia-doped UO_2 fuel 1-20259
- Sawchuk, A.A. see Bescos, J. 1-19274
- Sawchuk, A.A. see Mantock, J. 1-27307
- Sawchuk, A.A. see Michaelson, J.D. 1-24491
- Sawchuk, A.A. see Soffer, B.H. 1-24478
- Sawczuk, A. On plastic analysis of shells 1-6793
- Sawdy, D.T., Beckemeyer, R.J. Bandwidth attenuation with a folded cavity liner in a circular flow duct 1-15542
- Sawicki, M., Schutte, D. Field-theoretical model of few-nucleon systems: bound states, nucleon- and pion-induced reactions 1-28204
- Sawley, M.L. see Brennan, M.H. 1-6947
- Sawyer, C.D. see Rao, A.S. 1-45678
- Sawyer, D.L. see Blair, W.P. 1-40539
- Sawyer, D.L. see Herbst, W. 1-54389
- Sawyer, G.A. see Sherwood, A.R. 1-34112
- Sawyer, R.F., Zaringhalam, A. Irreversible heating during collapse of the supernova core 1-54534
- Sawyer, W.C. see East, L.F. 1-1934
- Sawyer Hogg, H. see Clement, C.M. 1-36344
- Sawyers, C.G. see Hearn, D.B. 1-29344
- Sawyers, K.N., Rivlin, R.S. The incremental shear modulus in an incompressible elastic material 1-11313
- Sawzik, P. see Craven, B.M. 1-16548
- Sax, R.I., Keller, V.W. Water-ice and water-updraft relationships near -10°C within populations of Florida cumuli 1-22417
- Saxe, P. see Laidig, W.D. 1-1054
- Saxena, A. Electrical potential technique for monitoring subcritical crack growth at elevated temperatures 1-39549
- Saxena, A., Hudak, S.J., Jr. Evaluation of the three-component model for representing wide-range fatigue crack growth rate data 1-26614
- Saxena, A. see Antolovich, S.D. 1-39414
- Saxena, A.K. The conduction band structure and deep levels in $\text{Ga}_{1-x}\text{Al}_x$ alloys from a high-pressure experiment 1-2987
- Saxena, A.K. Physico-chemical origin of majority and minority carrier traps in n-type VPE and LPE GaAs 1-30763
- Saxena, A.K. see Misra, C.K. 1-12451
- Saxena, A.P. see Lachandani, V.D. 1-39355
- Saxena, K.K. see Subramanian, V. 1-54225
- Saxena, M.C. see Misra, C.K. 1-12451
- Saxena, N.S. see Lodha, N. 1-11830
- Saxena, P., Peterson, T.W. Thermodynamics of multicomponent electrolytic aerosols 1-48745
- Saxena, P. see Chaudhuri, K.D. 1-34707
- Saxena, R.C. see Rastogi, V.K. 1-31136
- Saxena, R.D. see Toriumi, K. 1-2437
- Saxena, R.P. see Jolly, P. 1-10634
- Saxena, R.R., Acbi, V., Cooper, C.B., III, Ludowise, M.J., Vander Plas, H.A., Cairns, B.R., Maloney, T.J., Borden, P.G., Gregory, P.E. High-efficiency AlGaAs/GaAs concentrator solar cells by organometallic vapor phase epitaxy 1-8706
- Saxena, R.R., Hyder, S.B., Gregory, P.E., Escher, J.S. Vapor phase epitaxial growth of InGaAs/InAsP heterojunctions for long wavelength transferred electron photocathodes 1-3628
- Saxena, R.R. see Cooper, C.B. 1-21356
- Saxena, S.C. see Afshar, R. 1-29826
- Saxena, S.C. see Borodulya, V.A. 1-19709
- Saxena, S.C. see Grewal, N.S. 1-19705
- Saxena, S.C. see Warinner, D.K. 1-23844
- Saxena, T.K., Bala, S., Agarwal, S.K., Mathur, P.C., Chaudhuri, K.D. Electron transport in heavily doped and compensated n-type GaAs in the temperature range 4.2-300K 1-12112
- Saxena, V. see Stern, S.A. 1-21774
- Saxena, V.K. Comments on the Ising spin-glass with competing interactions 1-3193
- Saxena, Y.C. see Mattoo, S.K. 1-34120
- Saxl, I. see Sklenicka, V. 1-48486
- Saxlova, M., Balik, J. Precipitation hardening in dilute Cu-Ti alloys 1-43354
- Saxlova, M. see Kratochvil, P. 1-21498
- Saxon, D.H., Whittaker, J.B. Spin-rotation formalism for meson-baryon scattering 1-36877
- Saxon, D.H. see Bell, K.W. 1-6101, 1-37063
- Saxon, D.H. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Saxon, R.P. Ab initio calculations of the $^3\Sigma^-$, $^1\Sigma^+$, $^1\Pi$, and $^1\Pi$ symmetries of S_2 : valence, ion pair, and Rydberg states 1-37124
- Saxon, R.P. see Grieman, F.J. 1-1142
- Saxon, R.P. see Kirby, J. 1-9603
- Saxton, W.O. Correction of artefacts in linear and nonlinear high resolution electron micrographs 1-50281
- Saxton, W.O., Pitt, T.J., Horner, M. Digital image processing: the Semper system 1-18342
- Saxton, W.O. see Smith, D.J. 1-15800
- Sayakhov, R.Sh. see Polivanov, Yu.N. 1-12511, 1-39087
- Sayapina, S.I. see Klokova, N.P. 1-14109
- Sayashi, M. see Oya, S. 1-3717, 1-8293
- Sayed, A.M. see Henaish, B.A. 1-28822
- Sayed, E.M., Issa, M.A.A., Abdelmomen, M.A. Investigation of the magnetic properties of In 1-41055
- Sayed, E.M. see El-Adawi, M.K. 1-23528
- Sayed, T.EI see El Sayed, T.
- Sayed, W.A. see Hojman, R. 1-9903
- Sayed, W.A. see Namazie, M.A. 1-33139
- Sayed Ahmed Abdalla see Abdalla Sayed Ahmed
- Sayegh, S.G., Vera, J.H. Model-free methods for vapor-liquid equilibrium calculations. Binary systems 1-34466
- Sayer, B., Ferray, M., Visticot, J.P., Lozingot, J. Far wings of the cesium forbidden lines in the presence of rare gas interaction potentials and oscillator strengths of the collision induced transitions 1-37154
- Sayer, M. see Teitsma, A. 1-30456
- Sayer, R.J., Prince, R.H., Duley, W.W. Luninescence of O atoms in solid N_2 stimulated by low energy electrons 1-26281
- Sayer, R.O. see Johnson, N.R. 1-18599
- Sayers, B.McA. Signal analysis of heart-rate variability 1-32272
- Sayers, B.McA. see Ross, A.J. 1-32269
- Sayers, C.M. Theory of hydrogen vibrations on transition metal surfaces 1-16186
- Sayers, C.M. Ultrasonic velocity dispersion in porous materials 1-48614
- Sayers, J.A. see Deka, B.K. 1-43223
- Sayers, M.J., McClellan, M.R., Gay, R.R., Solomon, E.I., McFeely, F.R. Angle-resolved photoemission investigation of the bonding geometry of CO to ZnO (1010) 1-12622
- Sayers, M.J. see D'Amico, K.L. 1-17102
- Sayir, M. Flexural vibrations of strongly anisotropic beams 1-29596
- Saylor, D.P. see Hadjimichael, E. 1-23569
- Saylor, J.E. see Barnes, G.T. 1-30524
- Sayre, D. Prospects for long-wavelength X-ray microscopy and diffraction 1-40033
- Saysand, G. see Hueber, D. 1-20901
- Sazaki, T. see Tsuruta, H. 1-41173
- Sazanov, V.N. see Kuz'min, M.V. 1-24379
- Sazanovich, V.M. see Lukin, V.P. 1-46228
- Sazhin, M.V. see Stroikovskii, A.K. 1-51041
- Sazhin, S.S. Some studies of whistler mode propagation in the magnetospheric plasma 1-44392
- Sazhin, S.S. see Pudovkin, M.I. 1-22584
- Sazhin, V.D. see Kaminsky, A.K. 1-51015
- Sazhina, S.A. see Geraschenko, O.A. 1-8641
- Sazonov, E.A. see Prokhorov, L.V. 1-118
- Sazonov, M.I. see Zhukov, M.F. 1-38169
- Sazonov, N.M. see Agapov, N.N. 1-6063
- Sazonov, V.N., Zaitsepin, S.V. On statistics of the ensemble of oscillators under excitation. I. Classical nonlinear oscillators excited by a weak external force 1-18055
- Sazonov, V.V. see Zingarev, M.Z. 1-34783
- Sazonov, Yu.A. see Bukin, G.V. 1-4706
- Sazonova, A.A., Surovtseva, T.E. Determining the optima parameters of isothermal treatment of carbon steel 1-48381
- Sazykina, A.V. see Khomenko, O.A. 1-43397
- Shaffoni, M.M. see Gho, C.J. 1-18640
- Shalizer, O. see Longo, V. 1-16748
- Sherveglieri, G. see Romeo, N. 1-13132, 1-35180
- S'hev, L.L. see Aleksandrov, T. 1-5308
- Shrolli, L. see Bertolotti, M. 1-46335
- Scalitz, M.A. see Ocampo, H. 1-50857
- Scadron, M.D. Quark-tadpole origin of the $\Delta I = 1/2$ rule 1-549
- Scadron, M.D. see Coon, S.A. 1-50664
- Scadron, M.D. see Patrascioiu, A.N. 1-14345
- Scaffardi, L., Schinca, D., Reyna Almandos, J., Gallardo, M., Garavaglia, M. Laser spectroscopic analysis of N_2 pulsed discharges at low temperatures 1-10987
- Scaggs, E.R. see Beckel, C.L. 1-37292
- Scaiano, J.C. see Selwyn, J.C. 1-48710
- Scalife, W.G. Dielectric permittivity measurements as an aid in determining pressure and density in high pressure studies 1-28019
- Scala, S. see Britton, R.T. 1-14612
- Scalabrini, A., Briedo Cruz, C.H., Fragnito, H.L. Tunable, heliumless CO_2 TE laser 1-46293
- Scalapino, D. see Nauenberg, M. 1-27902
- Scalapino, D.J., Sugar, R.L. Method for performing Monte Carlo calculations for systems with Fermions 1-40678
- Scalapino, D.J. see Cardy, J.L. 1-9943
- Scalfeitter, R. Note on the ideal measurement process in quantum mechanics 1-27728
- Scalia, A. see Giordano, R. 1-712
- Scalise, E., Jr., Braz, M.A. A water vapour maser in the Large Magellanic Cloud 1-49818
- Scalo, J.M., Miller, G.E. History of the stellar birth-rate from lithium abundances in red giants 1-13758
- Scalo, J.M. see Dwek, E. 1-4948
- Scaltriti, F., Zappala, V., Stanzel, R., Bianco, C., Catalano, S., Young, J.W. Lightcurves and phase relation of asteroid 324 Bamberga 1-40372
- Scaltriti, F. see Cerruti-Sola, M. 1-9575
- Scaltriti, F. see Schober, H.J. 1-27409
- Scandone, F. see Iorio-Fili, D. 1-1671
- Scanlan, J.A. see Powe, R.E. 1-1964, 1-1985
- Scanlan, R.M. Superconducting materials 1-38900
- Scanlan, R.M. see Hoard, R.W. 1-48344
- Scanlan, R.M. see Zbansnik, J.P. 1-51993
- Scanlon, K. see Eades, R.A. 1-45824
- Scanzano, P. see D'Antoni, C. 1-18062
- Scaramuzza, L. see Gastaldi, L. 1-15863
- Scarscia, S. see Ansorge, J. 1-4464
- Scarborough, J.O. see Koch, C.C. 1-20933, 1-30869
- Scarfield, J.E. see Foster, L.M. 1-26430

- Scardia, M. New determination of the orbital elements of the binary star ADS 7203- σ_2 UMa 1-4941
- Scardia, M. Provisional orbit of the visual binary ADS 10354- μ Dra 1-9572
- Scardia, M. Provisional orbits of the visual double stars ADS 102 and ADS 281 1-49727
- Scardia, M. Provisional orbits of the visual double stars ADS 161, ADS 2236 and ADS 8739 1-49728
- Scardia, M. *see* Bossi, M. 1-17846
- Scarfe, C.M. *see* Mysen, B.O. 1-16079, 1-39068
- Scarfone, L.M., Richardson, L.M. Electron mobilities based on an exact numerical analysis of the dielectric-function-dependent linearized Poisson's equation for the potential of impurity ions in semiconductors 1-2964
- Scargill, P. Batteries—yesterday, today, tomorrow 1-35634
- Scarinci, G. *see* Fagherazzi, G. 1-20029
- Scaringe, R.P. *see* Schramm, C.J. 1-47621
- Scarlet, R.I. *see* Magnell, B.A. 1-54118
- Scarmozzino, R. *see* Papagno, L. 1-35132
- Scarpace, F.L., Quirk, B.K. Land-Cover classification using digital processing of aerial imagery 1-32549
- Scarpetta, G. Extrapolation to the continuum limit from the cluster expansion on the lattice 1-40926
- Scarpetti, R.D., Parkison, C.D. Switching system for the FXR accelerator 1-23878
- Scarpini, F. *see* Fuscuardi, A. 1-46676
- Scarr, M. *see* Berger, C. 1-5636
- Scarr, M. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Scarrott, S.M. *see* Taylor, K.N.R. 1-9636
- Scarrow, P. *see* Johnson, F. 1-43889
- Scarsbrook, D.A. *see* Bhatti, A.R. 1-30065
- Scarsdale, J.N. *see* Williams, J.O. 1-51074
- Scarsi, L. *see* Bignami, G.F. 1-36429
- Scarsi, L. *see* Caraveo, P.A. 1-26265
- Scattergood, R.O. A method for evaluation of displacement strain energy and self force 1-20200
- Scattergood, R.O. *see* Routbort, J.L. 1-26629, 1-39461
- Scavarda do Carmo, L.C. *see* Durand, D. 1-3392, 1-21202
- Scents, M.G., Belsley, K. A conjecture on the overtone OH stretching spectrum of HDO in liquid water 1-1234
- Scents, M.G. *see* Belch, A.C. 1-38224
- Scents, M.G. *see* Stavola, M. 1-12141
- Schaaf, P.J. van der *see* van der Schaaf, P.J.
- Schaaf, P.J. van der *see* van der Schaaf, P.J.
- Schaaf, T.F. *see* Laufer, G. 1-8055
- Schaafsma, A.S., Vincze, I., Van der Woude, F., Kemeny, T., Lovas, A. Short range order of metallic glasses [Mossbauer study] 1-31074
- Schaafsma, A.S. *see* Babic, E. 1-30697
- Schaafsma, A.S. *see* Kemeny, T. 1-34881
- Schaafsma, T.J. *see* van As, H. 1-26882
- Schaal, H. *see* Carlson, D.E. 1-18812
- Schaal, R. *see* Letellier, P. 1-53457
- Schaarschmidt, B. *see* Brettel, R. 1-48971
- Schaber, G.G. The surface of Io: geologic units, morphology, and tectonics 1-44475
- Schaber, G.G. *see* Berlin, G.L. 1-36079
- Schaber, H. *see* Martin, T.P. 1-10881
- Schabowski, E., Pisarkiewicz, T., Porada, Z. Cermet thin film resistors obtained by flash evaporation 1-16696
- Schabowski, E., Szczeklik, J. Electrical conduction in MIM sandwich structures with Al_2O_3 insulating layers 1-34807
- Schabowski, E. *see* Szczeklik, J. 1-4002
- Schachenmann, A., Rockwell, D. Self-sustained oscillations of turbulent pipe flow terminated by an axisymmetric cavity 1-24881
- Schacher, G.E. *see* Crittenden, E.C., Jr. 1-22454
- Schacher, G.E. *see* Fairall, C.W. 1-17645
- Schachinger, E., Carbotte, J.P. On the BCS theory of paramagnetic impurities in anisotropic superconductors 1-42892
- Schachinger, E., Daams, J.M., Carbotte, J.P. Paramagnetic impurities in strong coupling superconductors 1-12230
- Schachinger, E. *see* Daams, J.M. 1-42888
- Schachinger, L. *see* Pondrom, L. 1-45286
- Schacht, P. *see* Stroynowski, R. 1-18522
- Schad, M. Application of a sodium austenitic corrosion model to a fuel rod 1-3980
- Schad, M. To the corrosion of austenitic steel in sodium loops 1-8485
- Schade, E. *see* Moll, R. 1-11619
- Schadel, M. *see* Gaggeler, H. 1-18666
- Schaden, M. *see* Hammel, E. 1-28205
- Schadt, M. Dielectric heating and relaxations in smectic A liquid crystals 1-42296
- Schadt, M. *see* Gerber, P.R. 1-7081
- Schaefer, A.R. *see* Geist, J. 1-18293
- Schaefer, D.W., Curro, J.G. Statistics of a single polymer chain 1-38233
- Schaefer, H.F. *see* So, S.P. 1-33373
- Schaefer, H.F., III *see* Allen, T.L. 1-4066
- Schaefer, H.F., III *see* de Castro, S.C. 1-41309
- Schaefer, H.F., III *see* Fox, D.J. 1-6145
- Schaefer, H.F., III *see* Gray, S.K. 1-8554
- Schaefer, H.F., III *see* Laidig, W.D. 1-1054
- Schaefer, H.F., III *see* Osamura, Y. 1-39613
- Schaefer, H.F., III *see* Yamaguchi, Y. 1-1063
- Schaefer, H.F., III *see* Yoshioka, Y. 1-45862
- Schaefer, J. *see* Buck, U. 1-37314
- Schaefer, J. *see* Monchick, L. 1-29088
- Schaefer, R.G. *see* Freund, F. 1-21718
- Schaefer, R.W. *see* Robinson, W.R. 1-28665
- Schaefer, T., Kruczyński, L.J., Krawchuk, B., Sebastian, R., Charlton, J.L., McKinnon, D.M. Conformational preferences about both exocyclic carbon-carbon bonds in some phenyl derivatives of ethane, propene, and 4-picoline 1-51223
- Schaefer, T., Salman, S.R., Wildman, T.A. Theoretical and experimental conformational preferences of the aldehyde and fluoroaldehyde groups in 2-methylbenzaldehyde, 2-trifluoromethylbenzaldehyde, and 4-chloro-2-methylbenzoyl fluoride. Proximate couplings 1-51222
- Schaefer, W.P., Ealick, S.E., Marsh, R.E. A reinvestigation of the structure of μ -hyperoxobis(pentaamminecobalt) tris(hydrogensulfate) monosulfate at room temperature and at 17 K 1-34298
- Schaeffel, J.A., Ranson, W.F., Swinson, W.F. Acoustical-speckle interferometry 1-1786
- Schaeffer, H.A. *see* Capps, W. 1-25444
- Schaeffer, J. *see* Richstone, D.O. 1-9707
- Schaeffer, M.J. The use of combustible detectors in protecting facilities from flammable hazards 1-32082
- Schaeffer, R.C. *see* Netterfield, R.P. 1-6634
- Schaerf, C. *see* Federici, L. 1-29240
- Schafer, Ch. *see* Virsik, R.P. 1-32199
- Schafer, E. *see* Maurer, K. 1-49081
- Schafer, F.J. *see* Kleemann, W. 1-12480
- Schafer, F.P. *see* Marinero, E.E. 1-1577
- Schafer, G. Gravitational radiation resistance, radiation damping and field fluctuations 1-44810
- Schafer, H., Helberg, H.W. Dielectric properties of the one-dimensional conductors (UDMTTF) $_2\text{BF}_4$ and (TMTTF) $_2\text{BF}_4$ 1-52886
- Schafer, H., Wiess, U., Brendel, C., Nowitzki, J. Surface layers and synthesis of platinum bromides and platinum chlorides 1-35572
- Schafer, H. *see* Widera, A. 1-31442, 1-39309
- Schafer, J.H. *see* Carlhoff, C. 1-46906
- Schafer, K. *see* Bamberger, A. 1-14417
- Schafer, L., Wegner, F. Lattice instantons, a basis for a treatment of localized states? 1-12058
- Schafer, L. *see* Bowers, P. 1-24026
- Schafer, L. *see* Houghton, A. 1-20693
- Schafer, L. *see* Pruiksen, A.M.M. 1-42722
- Schafer, L. *see* Williams, J.O. 1-51074, 1-51077
- Schafer, N. *see* Lin, T. 1-45639
- Schafer, R., Stormberg, H.-P. Acoustic resonances in high pressure mercury discharges 1-42249
- Schafer, W., Schriber, M., Treusch, J. Self consistent ground state and optical properties of thalous halides 1-47454
- Schafer, W. *see* Arlt, U. 1-5796
- Schafer, W. *see* Loewenhaupt, M. 1-25891
- Schafer, W. *see* Schobert, T. 1-20122
- Schafer, W. *see* Will, G. 1-2290
- Schafer-Nielsen, C., Just Svendsen, P., Rose, C. Separation of macromolecules in isotachophoresis systems involving single or multiple counterions 1-13363
- Schäfer-Stahl, H. Characterisation of ferrocene-FeOC- intercalation phase by low-temperature Mossbauer spectroscopy 1-3308
- Schäfer-Stahl, H., Abele, R. Thermionic behaviour and phase changes of ferrocenium intercalate of type $\text{Fe}(\text{C}_5\text{H}_5)_2^+ (\text{6FeOC})^-$ 1-3309
- Schäfers, F. *see* Heinzmann, U. 1-41429
- Schaffer, E.H. *see* Muller, W.A. 1-13293
- Schaffer, M. *see* Ohkawa, T. 1-29900
- Schaffer, R.E. *see* Gevins, A.S. 1-39903
- Schaffer, S. Uranus and the establishment of Herschel's astronomy 1-36485
- Schäffer, S. *see* Steinhäuser, F. 1-22076
- Schaffler, F. *see* Chang, H.R. 1-48067
- Schaffel, R. *see* Balz, R. 1-16490
- Schafrik, R.E. *see* Lipsitt, H.A. 1-8388
- Schagen, I.P. Stochastic interpolating functions—Applications of optimization 1-27875
- Schagen, P. X-ray imaging tubes 1-33086
- Schäuble, P.M. *see* Schwartz, G.C. 1-31707
- Schäich, W.L. Electron diffraction by a cylindrical capacitor 1-27815
- Schäich, W.L., Harris, J. Dynamic corrections to Van der Waals potentials 1-30797
- Schäich, W.L. *see* Mehl, M.J. 1-8183
- Schäifers, K. *see* Mollenhoff, C. 1-54550
- Schajor, W., Pislewski, N., Zimmermann, H., Haebleren, U. Spin diffusion and spin-lattice relaxation of deuterons in solids 1-31050
- Schalch, D., Scharmann, A. Limits of a tritium battery based on charged particle collection (CPC) 1-39752
- Schalder, H.D., Grunder, W. Non-polar exchanges between molecules on the basis of the FSGO-model 1-46060
- Schäler, M. Velocity of sound in copper powder under compression 1-25378
- Schalik, K.E.L. *see* Kroner, A. 1-40047
- Schalik, T. *see* Haber, B. 1-14433
- Schall, W. Theory of a CW supersonic nitrogen recombination laser 1-46306
- Schall, W., Hoffmann, P.W., Schock, W., Hugel, H. CW carbon monoxide laser with microwave excitation in the supersonic flow 1-41725
- Schall, W. *see* Hoffmann, P. 1-24396
- Schall, W. *see* Hugel, H. 1-46287
- Schallenberg, B., Hausmann, A. New copper centres in zinc oxide [observed by ESR] 1-26029
- Schallenberg, B. *see* Hausmann, A. 1-25662
- Schaller, H.-J. *see* Brodowski, H. 1-8279
- Schallwich, D. *see* Andernach, H. 1-49831
- Schamber, D.R., Larock, B.E. Computational aspects of modeling turbulent flows by finite elements 1-19680
- Schamel, H., Bujarbaru, S. Solitary plasma hole via ion-vortex distribution 1-29872
- Schamel, H., Sack, C. Existence of a time-dependent heat flux-related ponderomotive effect 1-2156
- Schamel, H. *see* Hans Schamel
- Schamm, R., Vogele, H.P., Edelbock, W., Todheide, K. The electrical conductivity of molten alkali metal halides at high pressures 1-38570
- Schamps, J. *see* Delaval, J.M. 1-24109
- Schamps, J. *see* Fournier, J. 1-28989
- Schamps, J. *see* Sennesal, J.M. 1-45819
- Schanda, E. Experience with SEASAT [geophysical applications] 1-54289
- Schanda, J. *see* Eppeldauer, G. 1-28053
- Schanz, G. *see* Padilha, A.F. 1-26468
- Schaper, M. *see* Zouhar, G., Jr. 1-31513
- Schapery, R.A. *see* Devitt, D.F. 1-48473
- Schapira, J.P. *see* Fortier, S. 1-10322
- Schapostok, F. *see* Roskies, R. 1-45144
- Schara, M. *see* Pavyic, M. 1-41408
- Scharager, C. *see* Hage-Ali, M. 1-18966
- Scharager, C. *see* Rabin, B. 1-30812
- Schardt, A.W. *see* McDonald, F.B. 1-40397
- Schardt, A.W. *see* Thomsen, M.F. 1-40390
- Schardt, D. *see* Lemmert, P. 1-28376
- Schardt, M.A., Frank, J.S., Hoffman, C.M., Mischke, R.E., Moir, D.C., Thompson, P.A. New measurement of the Dalitz-decay branching ratio of the π^0 1-45293
- Schardt, M.A. *see* McNaughton, M.W. 1-41051
- Scharen, R. *see* Becklin, J. 1-14734
- Scharenberg, R.P. *see* Gaidos, J.A. 1-18656
- Scharengeivig, J. *see* LeBritton, J. 1-45299
- Schaser, U. U-Pb and Rb-Sr dating of a polymetamorphic nappe terrain: the Caledonian Jotun nappe, southern Norway 1-4466
- Scharf, B. *see* Botte, M.G. 1-13251
- Scharf, B. *see* Canevet, G. 1-4289
- Scharf, B. *see* Florentine, M. 1-35787
- Scharf, S. *see* Brown, R. 1-22030
- Scharf, S.M., Brown, R., Saunders, N., Green, L.H. Hemodynamic effects of positive-pressure inflation 1-17422
- Scharfenberg, P. An application of the canonical orthonormalization to a union of complete atomic orbital sets 1-45814
- Scharfenberg, P., Sauer, J. Biological response as a function of conformation, chirality, and electronic characteristics: a catecholamine study 1-26879
- Scharff-Goldhaber, G. Present status of the VMI and related models 1-606
- Scharff-Goldhaber, G. Pseudomagic nuclei 1-10302
- Scharff-Goldhaber, G. *see* Piel, W.F., Jr. 1-41037
- Scharl, G. *see* Herion, J. 1-32025
- Scharlach, W.W.G., Craine, E.R. VRI photometry of selected SAO stars 1-49616
- Scharmann, A. *see* Bohm, M. 1-3502
- Scharmann, A. *see* Kottler, W. 1-968
- Scharmann, A. *see* Krieger, W. 1-8141
- Scharmann, A. *see* Lotz, U. 1-938, 1-6048
- Scharmann, A. *see* Schach, D. 1-39752
- Scharmann, A. *see* Schwabe, D. 1-2374
- Scharnagl, T., Hink, W. X-ray production cross sections for a thin solid Be target with light ions 1-8161
- Scharnberg, K., Klemm, R.A. p-wave superconductors in magnetic fields 1-25846
- Scharner, W. *see* Volkmer, H. 1-32303
- Scharof, O. The polarized neutron technique of neutron spin echo 1-34202
- Scharre, D.L. Radiative transitions from the ψ (3095) to ordinary hadrons 1-45270
- Scharre, D.L., Alam, M.S., Boyarski, A.M., Breidenbach, M., Burke, D.L., Dorenbosch, J., Dorfan, J.M., Feldman, G.F., Franklin, M.E.B., Hanson, G., Hayes, K.G., Himel, T., Hitlin, D.G., Hollebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Luth, V., Perl, M.L., Richter, B., Roussarie, A., Schindler, R.H., Schwitter, R.F., Siegrist, J.L., Taureg, H., Tonutti, M., Vidal, R.A., Weiss, J.M., Zaccone, H., Abrams, G.S., Blocker, C.A., Carithers, W.C., Coles, M.W., Cooper, S., Dieterle, W.E., Dillon, J.B., Eaton, M.W., Gidal, G., Goldhaber, G., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.F., Strait, J., Trilling, G.H., Vella, E.N., Videau, I. Direct photon production at the ψ 1-45292

- Scharre, D.L., Trilling, G.H., Abrams, G.S., Alam, M.S., Blocker, C.A., Blondel, A., Boyarski, A.M., Breidenbach, M., Burke, D.L., Carithers, W.C., Chinowsky, W., Coles, M.W., Cooper, S., Dieterle, W.E., Dillon, J.B., Dorenbusch, J., Dorfan, J.M., Eaton, M.W., Feldman, G.J., Franklin, M.E.B., Gidal, G., Goldhaber, G., Hanson, G., Hayes, K.G., Himel, T., Hitlin, D.G., Hollebeck, R.J., Innes, W.R., Jaros, J.A., Jenni, P., Johnson, A.D., Kadyk, J.A., Lankford, A.J., Larsen, R.R., Luth, V., Millikan, R.E., Nelson, M.E., Pang, C.Y., Patrick, J.F., Perl, M.L., Richter, B., Roussier, A., Schindler, R.H., Schwitters, R.F., Siegrist, J.L., Strait, J., Taureg, H., Tonutti, M., Vella, E.N., Vidal, R.A., Videau, I., Weiss, J.M., Zacccone, H. Observation of the radiative transition $\psi \rightarrow \gamma E(1420)$ 1-18485
- Scharre, D.L. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Scharre, D.L. *see* Dorfan, J.M. 1-41020
- Scharre, D.L. *see* Himel, T.M. 1-18482
- Schastlitsv, V.M. *see* Sadovskii, V.D. 1-31498
- Schastnev, P.V. *see* Cheremisin, A.A. 1-14942, 1-19031
- Schatt, W. *see* Brzezinski, K. 1-39268
- Schatt, W. *see* Friedrich, E. 1-53133
- Schatt, W. *see* Worch, H. 1-39540
- Schattenburg, M.L., Canizares, C.R., Berg, C.J., Clark, G.W., Markert, T.H., Winkler, P.F. Upper limits on X-ray line emission from the Crab Nebula 1-40547
- Schattke, W. *see* Jaspers, M. 1-40728
- Schattschneider, P., Wagendristel, A. The influence of the grain shape on X-ray line broadening 1-7042
- Schatz, G.C. A quasiclassical trajectory study of reagent vibrational excitation effects in the $\text{OH} + \text{H}_2 \rightarrow \text{H}_2\text{O} + \text{H}$ reaction 1-48660
- Schatz, G.C., Moser, M.D. A reference trajectory approach to Langevin equations in gas phase collision dynamics 1-6363
- Schatz, G.C., Van Duyn, R.P. Image field theory of enhanced Raman scattering by molecules adsorbed on metal surfaces: Detailed comparison with experimental results 1-35055
- Schatz, G.C., Walch, S.P., Wagner, A.F. Ab initio calculation of transition state normal mode properties and rate constants for the $\text{H}(\text{T}) + \text{CH}_3(\text{CD}_3)$ abstraction and exchange reactions 1-20455
- Schatz, G.C. *see* Allen, C.S. 1-12484
- Schatz, G.C. *see* Elgersma, H. 1-35510
- Schatz, G.C. *see* Redmon, M.J. 1-37138
- Schatz, P.N. *see* Houston Miller, J. 1-37177
- Schatzman, E., Maeder, A. The phenomenon of turbulent diffusion and the solar neutrino problem 1-44524
- Schau, H.C. Efficiency numerical search for parameters in a three-parameter low-entropy distribution 1-6445
- Schaub, D.R. *see* Carter, C.H., Jr. 1-12948
- Schaub, P.E. *see* Shippey, E.D. 1-53704
- Schauble, W. *see* Blattmann, K.H. 1-1343, 1-6348
- Schauer, F. Coupled heat conductors 1-29506
- Schauer, F., Heza, S., Jedlicka, M., Kosek, F., Cimpr, Z. Influence of CdSe layer air-baking on physical properties of $\text{CdSe-As}_2\text{Se}_3$ heterostructures 1-20861
- Schauer, W., Schelb, W. Improvement of Nb_3Sn high field critical current by a two-stage reaction 1-47833
- Schawarz, R. *see* Gornik, E. 1-12585, 1-52941
- Schawen, R. *von* *see* von Schawen, R.
- Schchagin, A.V. *see* Tomozov, A.P. 1-33254
- Scheerer, L.D. *see* Krebs, D. 1-37144
- Schebeske, G. *see* Eichmann, R. 1-4552
- Schechter, D.E. *see* Menon, M.M. 1-985
- Schechter, J., Valle, J.W.F. Neutrino masses in $\text{SU}(2) \otimes \text{U}(1)$ theories 1-14310
- Schechter, J. *see* Salomone, A. 1-50392
- Scheck, F., Tegen, R. Commutators of second-class axial currents with normal weak currents and consequences for particle decays 1-40948
- Scheckenhofer, H., Steyerl, A. A 'gravity diffractometer' for ultracold-neutron optics 1-28788
- Schechter, L. *see* Boudard, A. 1-41117
- Schechtman, R.M., Hight, R.D., Chen, S.T., Curtis, L.J., Berry, H.G., Gay, T.J., Descrio, R. Orientation and alignment of the $3p^2$ and $4d^2$ levels of neutral helium 1-1139
- Schedewie, F. *see* Makosch, G. 1-18193
- Schee, E.J. *van der* *see* van der Schee, E.J.
- Scheel, W. *see* Labs, J. 1-11102
- Scheeline, A. Calculation of discharge current waveforms in high voltage spark sources. I. Solution of constant parameter model 1-40860
- Scheepmaker, A. *see* Gruber, D.E. 1-22837
- Scheer, M. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Scheerer, H.J. *see* Mayer, W. 1-18567
- Scheerer, J. *see* Lanier, R.G. 1-41110
- Schefer, J., Fischer, F., Halg, W., Stucki, F., Schlappbach, L., Didisheim, J.J., Yvon, K., Andresen, A.F. New structure results for hydrides and deuterides of the hydrogen storage material Mg_2Ni 1-20124
- Schefer, J. *see* Fischer, P. 1-47856
- Schefer, R.W. *see* Talbot, L. 1-37872
- Scheffler, C.P., Dollinger, R., Sullivan, J., King, C. Potential probe measurements in a butt-electrode vacuum arc with a transverse magnetic field 1-38196
- Scheffner, D. *see* Matthis, P. 1-26890
- Schegelsky, V.A. *see* Burq, J.P. 1-23912
- Scheggi, A.M. *see* Brenci, M. 1-1707
- Scheggi, A.M. *see* Checacci, P.F. 1-41853
- Scheglov, V.A. *see* Stepanov, A.A. 1-29272
- Scheib, K. *see* Salge, J. 1-15702
- Scheibler, H. *see* Diener, H.Ch. 1-26900
- Scheibling, F. *see* Kuhn, W. 1-23676
- Scheid, J. *see* Stroynowski, R. 1-18522
- Scheid, W., Greiner, W. Theory of nuclear molecules 1-10368
- Scheid, W. *see* Kroger, H. 1-10394
- Scheid, W. *see* Maruhn, J.A. 1-50631
- Scheid, W. *see* Mshelia, D. 1-44782
- Scheidecker, R.W. *see* Hunter, O., Jr. 1-16743
- Scheidegger, A.E. The geotectonic stress field and crustal movements 1-54062
- Scheidhauer, J. *see* Beau, P.G. 1-32259
- Scheidt, H. *see* Dose, V. 1-43221
- Schein, L.B., Warta, W., McGhie, A.R., Karl, N. Deuteration effects on the electron mobility in the direction of naphthalene 1-12121
- Scheinbeim, J.I., Chung, K.T., Pae, K.D., Newman, B.A. The pressure dependence of the pyroelectric response of poly(vinylidene fluoride) films 1-11693
- Scheinbeim, J.I., Yoon, C.H., Pae, K.D., Newman, B.A. Ferroelectric hysteresis effects in poly(vinylidene fluoride) films 1-12467
- Scheinbeim, J.I., Yoon, C.H., Pae, K.D., Newman, B.A. Poling-time dependence of the field-induced phase transition and piezoelectric response of poly(vinylidene fluoride) films 1-52898
- Scheinbeim, J.I. *see* Newman, B.A. 1-12456
- Scheinbeim, J.I. *see* Questad, D.L. 1-11692
- Scheiner, S. Molecular orbital treatments of hydrogen bonded systems. II. Dimers of water and HCN 1-45855
- Scheiner, S., Kolb, V.M. Influence of intramolecular hydrogen bonding on the electronic structure of oxymorphone 1-51087
- Scheingraber, H. *see* Junginger, H. 1-15220
- Scheingraber, H. *see* Leubner, C. 1-46449
- Scheingraber, H. *see* Puell, H. 1-1640
- Scheire, L. *see* Rothier, R. 1-7165, 1-25656
- Scheirle, N. *see* Hocker, K.H. 1-39812
- Schelh, W. *see* Schauer, W. 1-47833
- Schellbert, H.R., Henze, E., Phelps, M.E. Emission tomography of the heart 1-32241
- Scheler, K. Local conserved currents for nonlinear σ -models on symmetric spaces 1-18388
- Schellhaas, K.P. *see* Leicht, R. 1-37053
- Schell, W.R., Sugai, S. Radionuclides at the US radioactive waste disposal site near the Fallon Islands 1-9044
- Schell-Sorkin, A. *see* Avouris, Ph. 1-45039
- Schellkens, A.N., van Neerven, W.L. Calculation of the quark-quark contribution to the Drell-Yan process. II. Identical-particle effects 1-10255
- Schellenberg, D.A., Pangborn, J. Preservation of the microbial association to intestinal mucosal epithelium in rats for scanning electron microscopy 1-27045
- Schellstede, G. *see* Frank, T. 1-39554
- Schelly, Z.A. *see* Savage, C.R. 1-4138
- Schelten, J. *see* Ballard, D.G.H. 1-42326
- Schelten, J. *see* Nakajima, T. 1-12262
- Schelten, J. *see* Schneider, R. 1-20402
- Schemm, J.B. *see* Genceli, O.F. 1-15077
- Schemmer, M. *see* Beckmann, P. 1-31912
- Schenk, D. Schrödinger operators with shallow potential 1-5165
- Schenk, H. Operating experience on pressurised water, nuclear power stations 1-10446
- Schenk, H. *see* Van Der Putten, N. 1-7037, 1-11632
- Schenk, H.J., Bauer, H.J., Baranowski, B. Magnetic analysis on Ni-Mn systems during phase transitions in gaseous hydrogen up to 10 kbar 1-30929
- Schenter, R.E. *see* England, T.R. 1-50751
- Schenze, A. *see* Brand, H. 1-40716
- Schenze, A. *see* Graham, R. 1-46435
- Schepper, L.D. *see* de Schepper, L.
- Schepper, L. *see* de Schepper, L.
- Schepps, J.L., Foster, K.R. The UHF and microwave dielectric properties of normal and tumour tissues: variation in dielectric properties with tissue water content 1-26939
- Scher, G., Smith, M., Baranger, M. Numerical calculations in elementary quantum mechanics using Feynman path integrals 1-49959
- Scher, H., Alexander, S., Montroll, E.W. Field-induced trapping as a probe of dimensionality in molecular crystals 1-12106
- Scheraga, H.A. Phase transitions in synthetic polymers of amino acids, and their relation to protein folding 1-39873
- Scheraga, H.A. *see* Rapaport, D.C. 1-39874
- Scherb, F. Hydrogen production rates from ground-based Fabry-Perot observations of Comet Kohoutek 1-54419
- Scherer, C. *see* Santos, V.H. 1-34896
- Scherer, G. *see* Pollmann, P. 1-2601
- Scherer, J.R. *see* Bertie, J.E. 1-35023
- Scherer, J.R. *see* Kint, S. 1-10736
- Scherer, P.W., Haselton, F.R. Mass transport in a bronchial bifurcation model 1-17443
- Scherer, P.W. *see* Haselton, F.R. 1-4317
- Scherg, C. *see* Roder, U. 1-39977
- Scherke, R. *see* Bergner, D. 1-21556
- Scherkoske, K.D. *see* Cohen, D.K. 1-35108
- Scherm, R. *see* Friedrich, H. 1-47023
- Scherm, R. *see* Lowde, R.D. 1-30378
- Schermmer, R. *see* Hoffmann, E. 1-53703
- Scherner, R.I., Boenig, H.D., Henke, J., Turner, R.D., Schramm, R. Conductor qualification tests for the 30-MJ Bonneville Power Administration SMES coil 1-48923
- Schermergor, T.D. *see* Zakirov, R.M. 1-30859
- Scherpelz, R.I. *see* Libby, R.A. 1-50791
- Scherpenzeel, D.E.C., Engelbertink, G.A.P., Aarts, H.J.M., Van Der Poel, C.J., Arciszewski, H.F.R. Coincident high-velocity DSA life-time measurements on excited states of Si isotopes and stopping power investigations 1-23599
- Scherpenzeel, D.E.C. *see* Aarts, H.J.M. 1-23931
- Scherperel, L.R., Frank, F.J. Fuel cycle cost considerations of increased discharge burnup 1-45598
- Scherrer, P.H., Wilcox, J.M., Svalgaard, L. The rotation of the Sun: observations at Stanford 1-22750
- Scherrer, P.H. *see* Lundstedt, H. 1-54329
- Scherrer, P.H. *see* Wilcox, J.M. 1-27355
- Schertel, E.R., Horowitz, J.M., Horwitz, B.A. Effects of gravitational profiles on the rat's thermoregulatory response to cold 1-22037
- Schery, S.D., Lind, D.A., Zafiratos, C.D. Evidence for near equality of neutron and proton radii in the $N=82$ isotones 1-23556
- Scherz, U. *see* Muller, C.M. 1-47546
- Scherzer, B.M.U. *see* Roth, J. 1-25303
- Scherzer, B.M.U. *see* Schulz, R. 1-25304
- Schetter, K. *see* Hirth, A. 1-15175
- Schetz, J.A., Billig, F.S., Favini, S. Approximate analysis of axisymmetric supersonic base flows with injection 1-19742
- Schetz, J.A., Kush, E.A., Jr., Joshi, P.B. Wave phenomena in liquid jet breakup in a supersonic crossflow 1-15521
- Schetz, J.A. *see* Baranovsky, S.I. 1-2043
- Scheubeck, E., Jorrens, C. Preparation of samples for X-ray fluorescence analysis for determining traces of heavy metals in foodstuffs 1-39703
- Scheuer, H. *see* Loewenhaupt, M. 1-25891
- Scheuer, J.C. *see* Soudraix, J. 1-5666
- Scheuer, P.A.G. *see* Hine, R.G. 1-4992
- Scheuerm, M. *see* Grassberger, P. 1-5609, 1-27856
- Schewe, H. *see* Hoffmann, H. 1-51336
- Schewe, P.F. Current physics research. II 1-17976
- Schiavon, P. *see* Birsa, R. 1-51060
- Schiavon, P. *see* Fidecaro, G. 1-591
- Schiavone, J.A. *see* Tarr, S.M. 1-24267
- Schiavone, L.M. *see* Hackwood, S. 1-39065
- Schibuya, N. *see* Ito, K. 1-13298
- Schibuy, B. *see* Borkin, M. 1-10276
- Schibuy, D., Gallily, I. On the orderly nature of the motion of nonspherical aerosol particles. III. The effect of the particle-wall fluid-dynamic interaction 1-17114
- Schichl, A. *see* Umbach, E. 1-8194
- Schick, G. The effect of oxygen, salt concentration, and pH on galvanic cells between a carbon filled polyethylene cathode and various metal anodes 1-26671
- Schick, G. *see* Dammach, D. 1-33721
- Schick, G.A., Bocian, D.F. Raman intensity enhancement in nontotally symmetric vibrations of copper(II) acetate by forbidden ligand-field transitions 1-43114
- Schick, R. *see* Haessler, H. 1-22260
- Schick, W.C., Jr., Tessler, G., Mitchell, J.A., Krick, D.M. Design and operation of an irradiated fuel assay gauge 1-43636
- Schickentanz, D. The prospects of optical pulse reflectometer 1-18284
- Schickentanz, D. Application of the optical time-domain reflectometer in fiber-optics 1-37626
- Schickfus, M. *von* *see* von Schickfus, M.
- Schickentanz, S., Kaiser, R., Schneider, E., Glaser, W. Raman studies of AlF_5 compounds 1-12500
- Schieber, D. Wave refraction at a moving dielectric layer 1-24335
- Schieber, M. *see* Itzhak, D. 1-31362
- Schieck, H. *see* Pätz, G. *see* Pätz, G. *see* Schieck, H.
- Schieder, R. *see* Bielke, K. 1-24150
- Schiefelbein, G.F., Sealock, L.J., Jr., Ergun, S. An overview of biomass thermochemical conversion activities funded by the Biomass Energy Systems Branch of DOE 1-35668
- Schieffer, H. *see* Schwedt, H. 1-4372

- Schier, W., Chervenak, J., DiRienzo, A.C., Enge, H., Grogan, D., Molitoris, J., Salomaa, M., Sperduto, A. Excitation functions for evaporation residues from the $^{37}\text{Cl}+^{169}\text{Tm}$ fusion reaction 1-41156
- Schieve, W.C. *see* Zurek, W.H. 1-17045, 1-24306
- Schiferl, D. *see* Cromer, D.T. 1-34284
- Schiferl, D. *see* Schwalbe, L.A. 1-38454
- Schiff, D. *see* Fontannaz, M. 1-18450, 1-18487
- Schiff, E.A. Origins of very shallow photoconduction in Ge: Sb 1-12149
- Schiff, E.A., Persans, P.D., Fritzsche, H., Akopyan, V. A doping-precipitated morphology in plasma-deposited a-Si:H 1-47395
- Schiff, H.I. *see* Boyne, D.K. 1-39602
- Schiff, H.I. *see* Mackay, G.I. 1-17036
- Schiff, R. *see* Abraham, K.M. 1-35641
- Schiffer, F.H. *see* Holm, A.V. 1-13786
- Schiffer, F.H. *see* Panek, R.J. 1-22841
- Schiffer, F.H., III *see* Simon, T. 1-9562
- Schiffer, F.H., III *see* White, R.L. 1-36366
- Schiffer, J.P. *see* McKown, R.D. 1-28499
- Schiffer, J.P. *see* Sanders, S.J. 1-14503
- Schiffmacher, G., Dexpert, H., Caro, P., Cowley, J.M. Elliptic electron diffraction patterns from thin films of 'turbostratic' graphite 1-52452
- Schiffmann, Y. The centrality of selection rules in bifurcation theory 1-5085
- Schiffner, G. An optical rotation sensor based on the Sagnac effect using a fibre optics ring interferometer 1-19459
- Schiffreen, R.S. *see* Inman, S.R. 1-31921
- Schiffer, D.E., Franchi, E.R., Griffin, J.M., Adams, B.B. Hydrographic reconnaissance of large undersea topography using scattered acoustic energy 1-32566
- Schijve, J. *see* Vlasveld, J.A. 1-48467
- Schijve, J. *see* Vogelsang, L.B. 1-39419
- Schilcher, K., Tran, M.D. Current-algebra calculation of the electromagnetic mass difference of pions and quantum chromodynamics 1-45280
- Schild, R. CCD camera observations of the Local Group galaxy LGS-3 1-49795
- Schild, S. *see* Henghuber, G. 1-25129
- Schildbach, K., Brumann, J., Olejak, G. On-line measurement of the excess loss due to secondary coating of optical fibers 1-11163
- Schildbach, K. *see* Carlihoff, C. 1-46906
- Schildknecht, D. *see* de Groot, E.H. 1-533, 1-5560
- Schildt, P., Stuckenberg, H.-J., Wermes, N. An on-line track following microprocessor for the PETRA experiment TASSO 1-28837
- Schildwach, B. Construction and operation of data collection systems 1-18205
- Schiff, N., Trinks, H. Four-channel magnetic mass spectrometer for dynamic measurements of fast reactions 1-23363
- Schillizzi, R.T. *see* Gopal-Krishna 1-22914
- Schilliace, M.E. *see* Knight, J.D. 1-15039
- Schiller, A.S. *see* Radin, E.L. 1-17446
- Schiller, D.H. *see* Bopp, F.W. 1-5642
- Schiller, J.M. *see* Martin, B.D. 1-26640
- Schiller, N.H., Alfano, R.R. Picosecond characteristics of a spectrograph measured by a streak camera/video readout system 1-28065
- Schiller, N.H., Tsuchiya, Y., Inuzuka, E., Suzuki, Y., Kinoshita, Y., Kamiya, K., Iida, H., Alfano, R.R. An ultrafast streak camera system. Temporal disperser and analyzer 1-10038
- Schiller, N.H. *see* Alfano, R.R. 1-46356
- Schiller, P. *see* Fenici, P. 1-26573
- Schiller, R. Transport behaviour of excess electrons and the properties of liquids 1-47634
- Schiller, R. *see* Nyikos, L. 1-15006
- Schiller, S., Beister, G., Schneider, S., Sieber, W. Features of and in situ measurements on absorbing TiO₂ films produced by reactive DC magnetron-plasmatron sputtering 1-16212
- Schiller, S., Foerster, H., Hoetzsch, G., Reschke, J. Pretreatment of metallic substrates by mechanical activation 1-12959
- Schiller, S., Heisig, U., Steinfeld, K., Mehr, D., Thuss, B., Petermann, R. Metallization of ceramics for electronic components by magnetron-plasmatron coating 1-12653
- Schiller, S., Panzer, S., Klages, R. High speed scanning electron beam annealing of ion-implanted silicon layers 1-20269
- Schiller, V. *see* Valyi, G. 1-43563
- Schilling, A. *see* Kampf, S. 1-21592
- Schilling, A.H. Nuclear waste isolation: the social decision 1-5078
- Schilling, D. *see* Strobel, B. 1-30477
- Schilling, G. *see* Meservey, E.B. 1-24992
- Schilling, G. *see* Strachan, J.D. 1-45729
- Schilling, H. Optimisation of the relaxation drag of slender profile: arrangements in steady subsonic flow. II. Nozzle and cascade of profiles 1-11421
- Schilling, H. Behaviour of a straight compression shock impacting a slightly corrugated contact 1-37966
- Schilling, J.H. Imaging of element distributions by ion microprobe 1-31283
- Schilling, J.S. *see* Eiling, A. 1-28005, 1-38935, 1-47607
- Schilling, K. *see* Engels, J. 1-5601
- Schilling, R., Rasch, K.-D., Bebermeier, H. Comparison of silicon solar cell characteristics at operating temperature after electron irradiation 1-39795
- Schilling, R., Schnupp, L., Winkler, W., Billing, H., Maischberger, K., Rudiger, A. A method to blot out scattered light effects and its application to a gravitational wave detector 1-27853
- Schilling, R. *see* Cantieni, G.T. 1-3212
- Schilling, W.A. *see* Tenforde, T.S. 1-8922
- Schilstra, M.J. *see* Cremers, A.F.M. 1-43850
- Schima, F.J. *see* Unterwiesing, M.P. 1-18902
- Schimitschek, E.J. *see* Shay, T.M. 1-37479
- Schimmelpfennig, W. *see* Buchali, K. 1-4309
- Schinca, D. *see* Scaffardi, L. 1-10987
- Schindewolf, U. *see* Fick, H.-J. 1-28680
- Schindewolf, U. *see* Steinberg, V. 1-7525
- Schindler, G.M. *see* Newton, J.H. 1-51546
- Schindler, K., Staupendahl, G., Medoide, T. Effective method for suppressing parasitic oscillations in high-gain CO₂ laser power amplifiers 1-33709
- Schindler, K. *see* Stuirbrink, A. 1-18658
- Schindler, R.H. *see* Zwimgman, J. 1-36109
- Schindler, R.A. *see* Breckinridge, W.B. 1-36730
- Schindler, R.H. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Schindler, R.H. *see* Dorfan, J.M. 1-41020
- Schindler, R.H. *see* Himel, T.M. 1-18482
- Schindler, R.H. *see* Scharre, D.L. 1-18485, 1-45292
- Schindler, R.N. *see* Sprunken, H.-R. 1-39653
- Schindler, W., Jonas, J. Solvent effects on vibrational phase relaxation and frequency shifts in isobutylene 1-10707
- Schink, H.J. *see* von Lohneysen, H. 1-30878
- Schinke, R. Inversion of rotationally inelastic differential cross sections under sudden conditions 1-33548
- Schinke, R., Korsch, H.J. Differential cross sections for Δm transitions in sudden atom-molecule collisions 1-1307
- Schinkel, W.M.M., Linthorst, S.J.M., Hoogendoorn, C.J. The stratification in natural convection in vertical enclosures 1-1981
- Schinkel, W.M.M. *see* Linthorst, S.J.M. 1-6862
- Schins, H. *see* Biasi, L. 1-5868
- Schintmeister, W. *see* Pachter, O. 1-53132
- Schinz, D. *see* Hanna, D. 1-41015
- Schinz, D. *see* Irion, J. 1-50475
- Schiraldi, A., Pezzati, E., Rossi, P. Point defect and transport parameters in the CsI-Tl solid solution 1-20749
- Schiraldi, A., Pezzati, E., Rossi, P. CsI-Tl phase diagram: determination and computation 1-21435
- Schirber, J.E., Arko, A.J. Pressure studies of the Fermi surfaces of α -U and UGe₂ 1-47439
- Schirk, E. *see* Polaschegg, H.D. 1-5337
- Schirmacher, W. *see* Movaghar, B. 1-42732
- Schirmer, F. *see* Essen, H.-H. 1-41905
- Schirmer, J., Cederbaum, L.S., Kiessling, J. Branching ratios for ionization processes 1-24065
- Schirmer, O.F. Small polaron aspects of defects in oxide materials 1-2909
- Schirmer, O.F., Salje, E. Conduction bipolarons in low-temperature crystalline WO₃ 1-34636
- Schiroky, G.H., Day, D.E. Boehmite-bonded high alumina refractories 1-31387
- Schissel, P., Czanderna, A.W. Reactions at the silver/polymer interface: a review 1-12931
- Schistad, B. *see* Cockerill, D. 1-14742
- Schivell, J. *see* Meservey, E.B. 1-24992
- Schlaack, H.F., Kersten, R.Th. Integrated optical oscillators and their applications to optical communication systems 1-46594
- Schlaack, H.F. *see* Gwizdowski, M. 1-19458
- Schlabitz, W., Steglich, F., Bredl, C.D., Franz, W. Low-temperature observation of localized uranium-moments in dilute (La,U)Al₂ alloys 1-47849
- Schlabitz, W. *see* Zapinski, P. 1-25698
- Schlachetzki, A. *see* Aytac, S. 1-30482
- Schlachter, A.S., Stalder, K.R., Stearns, J.W. D⁺ production by charge transfer of 0.3-10-keV D⁺, D⁰, and D⁻ in cesium, rubidium, and sodium vapour targets 1-19180
- Schlag, E.W. *see* Haberkorn, R. 1-19060
- Schlag, E.W. *see* Hays, T.R. 1-31837
- Schlag, E.W. *see* Henke, W. 1-19087, 1-37183
- Schlager, C.J. *see* Sulek, K. 1-8912
- Schlager, K.J. A new infrared array radiometer with automatic pattern recognition for medical thermography 1-13313
- Schlager, K.J. *see* Milbrath, J.R. 1-43943
- Schlang, P., Rautenberg, P. The properties of quartz optical waveguides and their influence on cable construction 1-19466
- Schlang, P., Rautenberg, P., Haag, H. Progress in production of optical waveguide cables 1-37618
- Schlang, P. *see* Huber, H.-P. 1-37619
- Schlanger, S.O., Jenkins, H.C., Premoli-Silva, I. Volcanism and vertical tectonics in the Pacific Basin related to global Cretaceous transgressions 1-54051
- Schlanger, S.O. *see* Milholland, P. 1-11231
- Schlapbach, L. Magnetic properties of LaNi₂ and their variation with hydrogen absorption and desorption 1-7808
- Schlapbach, L., Seiler, A., Stucki, F., Siegmann, H.C. Surface effects and the formation of metal hydrides 1-2805
- Schlapbach, L. *see* Schefer, J. 1-20124
- Schlapbach, L. *see* Seiler, A. 1-2784
- Schlapbach, L. *see* Shaltiel, D. 1-43017
- Schlapbach, L. *see* Stucki, F. 1-20957, 1-34911
- Schlapper, C.W. *see* Daul, C. 1-52826
- Schlapper, G.A. *see* Prelas, M.A. 1-19363
- Schlatte, G., Ibach, H. Methods for preparing thin foils from the area directly below the fracture surface of steel specimens 1-8432
- Schlatter, H. *see* Van Ommen, A.H. 1-25258
- Schlawe, F., Alexander, H. A study of the precipitation kinetics of a gold-cobalt-alloy 1-48350
- Schledde, R. Constant temperature anemometer 1-29806
- Schleehauf, O. *see* Durr, U. 1-8075
- Schlegel, A. *see* Bopp, H. 1-12498
- Schlegel, D. Determination of the wall slip function of blood with a Couette rheometer under consideration of the wall effect 1-35806
- Schlegel, K., Thrane, E.V., Brekke, A. Partial reflection results in the auroral D-region explained in terms of acoustic waves 1-27334
- Schleicher, B.R. *see* Powell, H.T. 1-37486
- Schleicher, H.W. Nuclear safeguards in the European Community—a regional approach 1-766
- Schleicher, T.W. *see* Smith, M.L. 1-787
- Schleifer, N. Covariant framework for a mass monopole as a field structure in general relativity 1-5191
- Schlein, W. *see* Greene, F. 1-26413
- Schlegelmann, U. The characterization of focussing ultrasonic transducers by means of single frequency analysis 1-33866
- Schlenk, B. *see* Palinkas, J. 1-1388, 1-6367
- Schlenk, K.W. The accurate determination of quasi-static measurements by the double-current method 1-23264
- Schlenker, C., Marezio, M. The order-disorder transition of Ti³⁺-Ti³⁺ pairs in Ti₂O₃ and (Ti_{1-x}V_x)₂O₃ 1-11715
- Schlenker, C. *see* Dumas, J. 1-12274
- Schlenker, C. *see* Travaglini, G. 1-48021
- Schlenker, M., Baruchel, J. Neutron topography 1-38208
- Schlenker, M., Fink, M., Goedgebuer, J.P., Malgrange, C., Vienot, J.Ch., Wade, R.H. (editor) Imaging Processes and Coherence in Physics. Proceedings of a Workshop 1-36456
- Schleputz, F.W. *see* Navon, I. 1-5801
- Schlereth, J. *see* Cho, Y. 1-33184
- Schlesak, J.J. *see* Hendry, A. 1-49324
- Schlesinger, M. *see* Kent, R.D. 1-45818
- Schlesinger, R.B., Zeccardi, A.V., Monahan, J. An interrupter method for measurement of airway resistance in small animals 1-22170
- Schlesinger, R.J. Recirculation freeze protection offers economic advantage 1-39828
- Schlesinger, Z., Sievers, A.J. Broadband surface electromagnetic wave spectroscopy 1-35109
- Schlesok, W. Progress in the realization of electrical units at the board for standardization, metrology, and goods testing (ASMW) 1-36604
- Schlessinger, L., Wright, J.A. High-energy bremsstrahlung in an intense laser field 1-1469
- Schlett, V. *see* Hehenkamp, Th. 1-20420, 1-20421, 1-20456
- Schleusener, J. *see* Andres, J. 1-33551
- Schleusener, J. *see* Buck, U. 1-37314, 1-46064
- Schleyer, P.R. *see* Pople, J.A. 1-10675
- Schleyer, P. von Rague *see* von Rague Schleyer, P.
- Schlich, R. Time scale of geomagnetic field reversals for the Eocene, Paleocene and Late Cretaceous 1-49206
- Schlicht, B. *see* Nimtz, G. 1-30652, 1-47680
- Schlicht, D. *see* Ecklin, G. 1-52018
- Schlichting, C.L. *see* Kinney, J.A.S. 1-17379
- Schlichting, J. Transport mechanism through oxide surface layers on silicon ceramics 1-16097
- Schlichting, J. Image quality evaluation of optical systems by illumination with thermal light sources 1-29221
- Schlichting, J. Chemical vapor deposition of silicon carbide 1-31361
- Schlichting, J. Chemical vapor deposition of silicon carbide 1-53100
- Schlick, S., Kevan, L., Toriyama, K., Iwasaki, M. The importance of nuclear spin diffusion as an angularly independent relaxation mechanism controlling the matrix ENDOR response of radicals in molecular crystals 1-43036
- Schlicker, R. Astrophysical gamma-ray production by inverse Compton interactions of relativistic electrons. III. Cutoff effect for inverse Compton spectra applied to the case of the hard X-ray and gamma-ray emission of NGC 4151 1-17894
- Schlicker, R. On the nature of the gamma ray emission from CG 195+4 1-49857

- Schlickeiser, R. High-energy inverse Compton gamma rays from Cyg X-3 and Cir X-1? 1-49858
- Schlickeiser, R. *see* Lerche, I. 1-9334
- Schlienger, M. *see* Riess, G. 1-34249
- Schliestedt, M. *see* Amthauer, G. 1-16516
- Schlimme, E. *see* de Boer, H. 1-252
- Schlummer, M., Troost, A. Anisotropic and isotropy flow conditions for polymers 1-8383
- Schlitt, W.J. *see* Andersen, T.N. 1-8476
- Schliwa, M. *see* Brandelik, R. 1-23510, 1-23527
- Schloerb, F.P., Robinson, S.E., Irvine, W.M. Observations of CO in the stratosphere of Venus via its $J=0-1$ rotational transition 1-22705
- Schloerb, F.P. *see* Goldsmith, P.F. 1-9617
- Schloerb, F.P. *see* Langer, W.D. 1-9628
- Schlossin, H.H. *see* Brar, N.S. 1-16041
- Schloss, S.M., Ragl, A. Steam generator feedwater pipe cracking in nuclear steam supply systems 1-50767
- Schlosser, A. *see* Adamovich, M.I. 1-45317
- Schlosser, A. *see* Fiorino, A. 1-50583
- Schlosser, Ch., Bromer, H. NMR spin lattice relaxation in dilute CuFe alloys with impurity interactions 1-26063
- Schlosser, E. *see* Altkofer, O.C. 1-45773
- Schlosser, E. *see* Aubert, J.J. 1-5630
- Schlosser, P.A. *see* Miller, D.W. 1-45649
- Schlott, R. *see* le Noble, W.J. 1-50115
- Schlottmann, P. The role of fluctuations in mixed valence compounds 1-20668
- Schlottmann, P. Fermi liquid theory of the impurity-lattice relaxation for a simple mixed-valence impurity model 1-38747
- Schlottmann, P. *see* Moran-Lopez, J.L. 1-7564
- Schluckebier, G., Predel, B. On the energies of the formation of metastable phases in the gold-germanium system 1-8280
- Schluckebier, G., Predel, B. Supercooling behaviour and thermodynamic properties of liquid gold-germanium alloys 1-8282
- Schluckebier, G., Predel, B. Enthalpy of formation of the metastable phase in the silver-germanium system 1-31896
- Schlude, F., Wolfram, A.P., Werner, M. Status of the MRSE-project [remote sensing] 1-54348
- Schlude, F. *see* Alpers, W. 1-54137
- Schlunder, E.U. *see* Wild, G. 1-24871
- Schlunder, N. *see* Wild, G. 1-24871
- Schlunghaun, W., Wilhelm, U. The present state of radiological bile duct diagnosis 1-9002
- Schluter, H. *see* Krause, K. 1-29875
- Schluter, M., Varma, C.M. Heats of formation of alloys of s-p electronic materials 1-48721
- Schluter, M. *see* Baraff, G.A. 1-47540
- Schluter, P.S., Mark, R.G. A bedside cardiac arrhythmia monitor 1-17516
- Schluter, P.S. *see* Moody, G.B. 1-17514
- Schmadel, L.D. Recovery of the long lost minor planet (1370) Hella 1-49557
- Schmahl, E. Microwave, EUV, and X-ray observations of active region loops and filaments 1-4865
- Schmahl, E.J. The physical relationship between flares and surges observed in the extreme ultraviolet 1-54464
- Schmahl, E.J. *see* Kundu, M.R. 1-13746, 1-49592
- Schmahl, E.J. *see* Orrall, F.Q. 1-27436
- Schmalwasser *see* Jacksch, M. 1-46599
- Schmalz, G. *see* Hinterberger, F. 1-36934
- Schmalz, R. Reduced, three-dimensional, nonlinear equations for high- β plasmas including toroidal effects 1-46865
- Schmalzried, H. Ag₂S—the physical chemistry of an inorganic material 1-31870
- Schmeidler, F. The history of the Fundamental Catalogues 1-27759
- Schmeil, U. *see* Lin, T. 1-45639
- Schmeits, M. Inelastic scattering of fast electrons by spherical surfaces 1-53025
- Schmeits, M. *see* Mazur, A. 1-42852, 1-52628
- Schmeits, M. *see* Pollmann, J. 1-7697
- Schmelzer, R. *see* Hulliger, F. 1-25234
- Schmelzter, D., Beserman, R. Localized states in mixed GaP_{1-x}As_x z crystals 1-34446
- Schmelzter, D., Beserman, R. Phonon replicas in mixed crystals 1-39082
- Schmelzter, D., Beserman, R., Slamovits, D. Zone-edge phonons in mixed zinc-sulfide-zinc-selenide crystals 1-25387
- Schmelzbach, P.A. *see* Gruebner, W. 1-14512
- Schmelzbach, P.A. *see* Jenny, B. 1-28486
- Schmelzbach, P.A. *see* Borbely, I. 1-28455
- Schmelzer, U., Bokhenkov, E.L., Dörner, B., Kalus, J., Mackenzie, G.A., Natkaniec, I., Pawley, G.S., Sheka, E.F. Pressure dependence of phonon energies in d₈-naphthalene 1-47186
- Schmelzer, U. *see* Natkaniec, I. 1-2575
- Schmehra, H. Orlovits *see* Orlovits Schmehra, H.
- Schmerling, M., Finello, D., Marcus, H.L. Anomalous sputtering effects in the AES grain boundary analysis of reversible temper embrittled low alloy steels 1-16790
- Schmickler, W., Stimming, U. Redox reactions at titanium electrodes covered with doped passive films 1-39624
- Schmid, A. Phenomenological theory of dissipation in a superconductor 1-16407
- Schmid, E., Dresch, J., Bauehinger, M., Franke, H.D., Langendorff, G., Hess, A. Radiation-induced chromosome damage in patients after tumour therapy with 14 MeV, DT neutrons 1-49071
- Schmid, E. *see* Bauehinger, M. 1-32201
- Schmid, E.R., Rehder, K., Knopp, T.J., Hyatt, R.E. Chest wall motion and distribution of inspired gas in anesthetized supine dogs 1-26926
- Schmid, E.W. The two-cluster 'fish bone' model 1-5719
- Schmid, E.W. *see* Kircher, R. 1-28426
- Schmid, E.W. *see* Leeb, H. 1-23668
- Schmid, E.W. *see* Orłowski, M. 1-28404
- Schmid, G.B., Norcross, D.W., Collins, L.A. VLAM, a program for computing the electron-molecule static interaction potential from a Legendre expansion of the molecular charge density 1-24043
- Schmid, G.M., Huang, H.J. Spectro-electrochemical studies of the inhibition effect of 4,7-diphenyl-1,10-phenanthroline on the corrosion of 304 stainless steel 1-48557
- Schmid, H. *see* Dempierre, W. 1-25219
- Schmid, H. *see* Sherry, W.M. 1-11761
- Schmid, K.W. Theoretical description of the giant multipole resonances in light deformed nuclei 1-28438
- Schmid, K.W. *see* Poggel, G. 1-45412
- Schmid, P. Heat pumps—structure, use and future prospects 1-32036
- Schmid, P. *see* Allen, P. 1-36856
- Schmid, P. *see* Fritze, P. 1-14431
- Schmid, P. *see* Grassler, H. 1-50414
- Schmid, P.E. Microcomputer-based Doppler system for wear monitoring 1-40223
- Schmid, R. Thermodynamic analysis of the melting equilibria in the iron-silicon system 1-16754
- Schmid, W. Four-particle radiative transitions of bixcitons and multiple bound excitons in Si 1-31188
- Schmid, W., Forchel, A., Moersch, G., Pilkuhn, M.H. New experimental results on bixciton formation in silicon [photoluminescence] 1-48145
- Schmid, W. *see* Forchel, A. 1-47490, 1-47495
- Schmid-Burgk, J., Scholz, M. On the possibility of formation of dust grains in M-type photospheres 1-54497
- Schmid-Burgk, J., Scholz, M., Wehrse, R. Extended static stellar atmospheres. V. Photospheres of luminous M stars 1-44558
- Schmidbauer, E., Veith, R.J. Anhyseretic remanent magnetization of small multidomain Fe₃O₄ particles dispersed in various concentrations in a non magnetic matrix 1-35977
- Schmidlin, P., Zuvers, H.E., Oliaro, G. PDX pulse discharge cleaning electrical system 1-6025
- Schmidt, A. *see* Shumacher, R. 1-53303
- Schmidt, A.A. *see* Golovachov, Yu.P. 1-11442
- Schmidt, B. *see* Hegenbarth, E. 1-31105
- Schmidt, B. *see* Seiler, F. 1-37967
- Schmidt, B.G. The decay of the gravitational field 1-32881
- Schmidt, C. Transient heat transfer and recovery behavior of superconductors 1-52697
- Schmidt, C. *see* Nick, W. 1-47797
- Schmidt, C.A. Electrolytic hydrogen production and its potential utilization for ship propulsion 1-17323
- Schmidt, D. Technology of drift chambers 1-14725
- Schmidt, D. *see* Berger, C. 1-5636, 1-10209
- Schmidt, D. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Schmidt, D. *see* Gornik, W. 1-24096
- Schmidt, D. *see* Jacobs, H. 1-34315
- Schmidt, D. *see* Kleinert, P. 1-43657
- Schmidt, D.S. The main problem of lunar theory solved by the method of Brown 1-4788
- Schmidt, E., Rose, P. Improved numerical techniques for processing Monte Carlo thermal scattering data 1-45586
- Schmidt, E. *see* Entenmann, W. 1-17526
- Schmidt, E.G. The Cepheid luminosity scale 1-44600
- Schmidt, E.G. Four-color and H β photometry of the galactic cluster NGC 7790 1-54568
- Schmidt, E.W., Lahr, W.R. Investigation of the source term resulting from direct explosive violation of an irradiated fuel shipping cask 1-14611
- Schmidt, F.A. *see* Bevolto, A.J. 1-16202
- Schmidt, F.A. *see* Verhoeven, J.D. 1-48294
- Schmidt, F.A.R. *see* Tuerk, W. 1-41179
- Schmidt, G. Stochasticity and fixed-point transitions 1-18155
- Schmidt, G., Wenzel, H. A modified Van der Waals type equation of state 1-6912
- Schmidt, G., Zewen, H., Moustafa, S. A solar farm with parabolic dishes (Kuwaiti-German project) 1-26819
- Schmidt, G. *see* Asseo, E. 1-2190
- Schmidt, G. *see* Hans Schamel 1-6950
- Schmidt, G. *see* Oplatka, G. 1-17303
- Schmidt, G. *see* Ruster, R. 1-36036
- Schmidt, G. *see* Schwaner, I. 1-15041
- Schmidt, G. *see* Sorge, G. 1-26142
- Schmidt, G. *see* Wenzel, H. 1-30348
- Schmidt, G.D., Cohen, M., Margon, B. Discovery of optical molecular emission from the bipolar nebula surrounding HD 44179 1-4953
- Schmidt, G.D., Miller, J.S. The spectrum and polarization of the nucleus of NGC 4151 1-22875
- Schmidt, G.D., Stockman, H.S., Margon, B. A direct measurement of the magnetic field in AM Herculis 1-54553
- Schmidt, G.D. *see* Miller, J.S. 1-27387
- Schmidt, G.L. *see* Doane, J.L. 1-51989
- Schmidt, G.L. *see* Owens, D.K. 1-25073
- Schmidt, H. The plasma focus—a review 1-18934
- Schmidt, H. Morphological determination of long-term geomagnetic variations with computerised curve typisation 1-40055
- Schmidt, H. *see* Bertalot, L. 1-15648
- Schmidt, H. *see* Herold, H. 1-45072
- Schmidt, H. *see* Lenz, D. 1-52148
- Schmidt, H.J. Are amorphous alloys suitable as a storage matrix for fission product krypton? 1-33307
- Schmidt, H.U., Wegmann, R. MHD-calculations for cometary plasmas 1-4824
- Schmidt, H.U. *see* Kippenhahn, R. 1-13807
- Schmidt, I. *see* Bauch, L. 1-5422
- Schmidt, I. *see* Buchhammer, H.-M. 1-8590
- Schmidt, I. *see* Wunsch, M. 1-4111
- Schmidt, J. Determination of the argon content in steels and alloys manufactured by hot isostatic compacting 1-31918
- Schmidt, J. Systematic derivation of Reynold's differential equation using the principle of virtual work 1-42005
- Schmidt, J. *see* Koehler, T.R. 1-7092
- Schmidt, J. *see* van Strien, A.J. 1-16469
- Schmidt, J.A. *see* Cook, E.G. 1-23876
- Schmidt, J.A. *see* Owens, D.K. 1-25073
- Schmidt, J.J., Lorenz, A. The IAEA nuclear data programme—its role in the nuclear community and its services to developing countries 1-737
- Schmidt, J.W., Daniels, W.B. The Raman spectrum of solid carbon dioxide at high pressure 1-39074
- Schmidt, K. *see* Thumm, M. 1-684
- Schmidt, K.E. *see* Lee, M.A. 1-52382
- Schmidt, K.H. *see* Munzenberg, G. 1-50695
- Schmidt, K.-H., Faust, W., Munzenberg, G., Reisdorf, W., Clerc, H.-G., Vermeulen, D., Lang, W. Experimental determination of fission probabilities for proton-rich nuclei near the N=126 shell 1-50688
- Schmidt, K.-H. *see* Lang, W. 1-726
- Schmidt, K.-H. *see* Sahm, C.-C. 1-10397
- Schmidt, K.J. *see* Page, R.J. 1-14657
- Schmidt, L.D. *see* Foreman, L. 1-51904
- Schmidt, M. Monotonic functions which can be represented as the potential of elliptical equations of the second order 1-5090
- Schmidt, M. Quasars and cosmological evolution 1-9718
- Schmidt, M. *see* Green, R.F. 1-9706
- Schmidt, M. *see* Kerkhoff, H. 1-6208, 1-24059, 1-28927
- Schmidt, M. *see* Susner, H. 1-12515
- Schmidt, M. *see* Vacher, R. 1-30346
- Schmidt, M.G. *see* Dosch, H.G. 1-10182
- Schmidt, P. *see* Chung, S.U. 1-41006
- Schmidt, P.C., Sen, K.D., Das, T.P., Weiss, A. Effect of self-consistency and crystalline potential in the solid state on nuclear quadrupole Sternheimer antishielding factors in closed-shell ions 1-20690
- Schmidt, P.C. *see* Bohm, M.C. 1-51121
- Schmidt, P.C. *see* Sen, K.D. 1-51106, 1-51144
- Schmidt, P.E. *see* Gottesman, S.R. 1-10260
- Schmidt, P.H. *see* Chu, C.W. 1-42880
- Schmidt, P.H. *see* Moncton, D.E. 1-30883
- Schmidt, P.H. *see* Ott, H.R. 1-47882
- Schmidt, P.P. Dynamic solvation: Ionic vibrations in non-stationary solvation shells 1-19073
- Schmidt, P.P. Vibrational spectrum of alkali metal cations in dication solvation shells 1-24114
- Schmidt, P.P., Pons, B.S., McKinley, J.M.-Analysis of the vibrational spectrum of symmetrically solvated alkali metal cations 1-24147
- Schmidt, P.S. *see* Urdaneta-B, A.H. 1-43800
- Schmidt, P.W. Paleomagnetism of igneous rocks from the Belcher Islands, Northwest Territories, Canada 1-40048
- Schmidt, P.W. *see* Dermois, O.C. 1-40808
- Schmidt, R. Initial postbifurcation behavior of a one-hinged circular arch 1-19596
- Schmidt, R., Magiera, E., Scobel, W. Neutron and gamma spectroscopy for clinical dosimetry 1-9023
- Schmidt, R. *see* Berg, G. 1-20256, 1-30273
- Schmidt, R. *see* Jolos, R.V. 1-50612
- Schmidt, R. *see* Moller, K. 1-34154
- Schmidt, R.L. *see* Fuller, G.G. 1-11481
- Schmidt, R.M. *see* Holsapple, K.A. 1-44191
- Schmidt, T.R., Sasmor, D.J. Instrumented fuel element design and performance with replaceable tungsten-rhenium thermocouples 1-28662

- Schmidt, T.W. HIBP primary beam detector 1-924
- Schmidt, U. *see* Lowe, D.C. 1-17655
- Schmidt, V. Resonance and threshold effects in atomic and molecular photoionization 1-28934
- Schmidt, V., Ecker, E. Reaction of oxygen traces in water with thallium 1-8637
- Schmidt, V. *see* Krummacher, S. 1-6326
- Schmidt, V.H. Dielectric observation of a probably antiferroelectric high pressure phase in the ferroelectric tris-sarcosine calcium chloride (TSCC) 1-8018
- Schmidt, V.H. *see* Windsch, W.W. 1-26140
- Schmidt, V.V. *see* Mineev, M.B. 1-12243
- Schmidt, W. *see* Hehenkamp, Th. 1-20421, 1-20456
- Schmidt, W. *see* Hesse, G. 1-40844
- Schmidt, W. *see* Kiehlmann, H.D. 1-18401
- Schmidt, W.D., Mangold, M. A thin film double SQUID with Josephson tunnel junctions 1-38898
- Schmidt, W.F. Excess electron mobility in liquid methane and ethane 1-47633
- Schmidt, W.F., Jungblut, H., Hansen, D. Ion mobility and recombination in compressed electro-negative gases 1-15577
- Schmidt, W.F., Jungblut, H., Hansen, D., Tagashira, H. Ionic and electronic processes in sulfur hexafluoride 1-11493
- Schmidt, W.K.H., Rosenbauer, H., Shelly, E.G., Geiss, J. On temperature and speed of He^{++} and O^{+} ions in the solar wind 1-17749
- Schmidt, W.K.H. *see* Simon, M. 1-9338
- Schmidt, W.W., Breitschwerdt, K.G. Electronic transport in metal-ammonia solutions 1-25727
- Schmidt, W.W., Breitschwerdt, K.G. Ultrasound propagation near the critical mixing point of sodium-ammonia solutions 1-34427
- Schmidt-Bocking, H. *see* Maor, D. 1-46069
- Schmidt-Bocking, H. *see* Nolte, G. 1-24214
- Schmidt-Bocking, H. *see* Schuch, R. 1-1321
- Schmidt-Ihn, E., Bernauer, O., Buchner, H., Hildebrandt, U. Storage on hydrides for electrical load-equilibration 1-43827
- Schmidt-Kaler, Th. Automatic spectral classification—present state and future developments 1-54396
- Schmidt-Kaler, Th. *see* Tug, H. 1-49766
- Schmidt-Ott, A., Schurtenberger, P., Siegmund, H.C. Enormous yield of photoelectrons from small particles 1-3569
- Schmidt-Ott, W.-D. *see* Kantus, R. 1-50560
- Schmidt-Ott, W.-D. *see* von Dinkel, R.-D. 1-26758
- Schmidt-Parzefall, W. *see* Diddens, A.N. 1-14747
- Schmidtke, G. *see* Fischer, F. 1-9307, 1-36094
- Schmidtke, G.L. *see* Bruning, K. 1-54316
- Schmidtke, H.-H. *see* Wolf, A. 1-24061
- Schmidtman, E., Knotek, O., Lugscheider, E., Grönsfeld, J. High pressure-high temperature investigation of cubic tungsten-titanium mixed carbides 1-48394
- Schmiedekamp, A., Bock, C.W., George, P. An ab initio study of the structures and the harmonic and anharmonic stretching force constants of the cyanides HCN, LiCN, FCN, ClCN and isocyanides HNC, LiNC, FNC, CINC 1-10649
- Schmiedel, H., Hillner, B., Grande, S., Losche, A., Limmel, S. Interpretation of proton NMR line shape of liquid crystals 1-20054
- Schmieder, B. *see* Martres, M.-J. 1-54449
- Schmieder, B., Brink, D.J., Salamon, T.I., Jones, E.G. A high pressure 585.3 nm neon hydrogen laser 1-46296
- Schmieder, G. *see* Kurtze, G. 1-52938
- Schmieder, H. *see* Goldacker, H. 1-18864
- Schmieder, R.W., Kerstein, A. Imaging a conserved scalar in gas mixing by means of a linear spark 1-34020
- Schmitt, L.A. *see* Woo, T.H. 1-18018
- Schmitt, A., Wagner, H. Suppression of IR interference effects in silicon wafers by doping 1-7188
- Schmitt, A. *see* Briska, M. 1-5364
- Schmitt, A. *see* Malin, K. 1-14179
- Schmitt, C.R. *see* Schreyer, J.M. 1-8751
- Schmitt, D. *see* Jaussaud, C. 1-34857
- Schmitt, D. *see* Morin, P. 1-20942, 1-21030, 1-25883
- Schmitt, G.P. *see* Blakeslee, M.C. 1-51581
- Schmitt, H. *see* Kleinschmidt, M. 1-28337
- Schmitt, H.W. *see* Klema, E.D. 1-28792
- Schmitt, I. *see* Fabricius, K. 1-23509
- Schmitt, J.H., Jalinier, J.M., Baudalet, B. Analysis of damage and its influence on the plastic properties of copper 1-39372
- Schmitt, J.H. *see* Dufailly, J. 1-35314
- Schmitt, J.H. *see* Jalinier, J.M. 1-3771
- Schmitt, J.P.M., Lehner, T. Fluctuations in the ion-cyclotron-frequency range: possible measurement of T_e/T_i in Tokamaks 1-19940
- Schmitt, J.P.M. *see* Devrillon, B. 1-16703
- Schmitt, P. Signal processing by acoustic surface waves 1-6721
- Schmitt, R. *see* Frosien, J. 1-400
- Schmitt, R.A. *see* Fodor, R.V. 1-9437
- Schmitt, R.A. *see* Gooding, J.L. 1-13741
- Schmitt, R.A. *see* Keil, K. 1-32666
- Schmitt, R.C. *see* Keller, J.G. 1-48795
- Schmitt, R.P., Wozniak, G.J., Rattazzi, G.U., Mathews, G.J., Regimbart, R., Moretto, L.G. Fast-particle emission in the deep-inelastic reaction $\text{Cu} + {}^{20}\text{Ne}$ at 12.6 MeV/nucleon 1-41130
- Schmitt, T., Banik, G., Lux, B. Determining the melting point of systems $\text{Al}_2\text{O}_3\text{-Cr}_2\text{O}_3\text{-Cr}$ and $\text{Al}_2\text{O}_3\text{-Cr}_2\text{O}_3\text{-Mo}$ 1-38509
- Schmitt, T., Banik, G., Lux, B., Stachelberger, H. SEM-studies on solidified samples of the $\text{Cr}_2\text{O}_3\text{-Al}_2\text{O}_3\text{-Mo}$ system 1-8300
- Schmitt, T. *see* Banik, G. 1-8288, 1-16750
- Schmitt, T.J. *see* Nairn, A.E.M. 1-53975
- Schmitt, W., Herold, H., Ruder, H., Wunner, G. The photoionisation of the hydrogen atom in strong magnetic fields 1-49496
- Schmitt-Rink, S., Tran Thoi, D.B., Haug, H. On the gain spectrum of highly excited GaAs 1-16246
- Schmitt-Rink, S. *see* Haug, H. 1-47695
- Schmitt-Rink, S. *see* Marz, R. 1-25646
- Schmitt-Thomas, K.G., Leidig, A., Kriner, T. Influence on the corrosion fatigue behaviour by surface layer formation of steel X20Cr13 at 200°C 1-53329
- Schmittgen, P.F. *see* Steffen, R.J. 1-23819
- Schmitz, D. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Schmitz, F., Matthews, J.R., Elbel, H., Roche, L., deFranco, M., Mandicourt, L., Hoste, G., Gardner, A., Wilmore, D., Hedger, H.J., Kucera, B., Billaux, M. Fuel behavior aspects of the interpretation of the SCARABEE fast reactor safety experiments 1-822
- Schmitz, F., Ulmschneider, P. Theoretical stellar chromospheres of late type stars. V. Temperature minimum in the grey LTE approach 1-36269
- Schmitz, G., Grieger, N. Model calculations on the structure of planetary waves in the upper troposphere and lower stratosphere as a function of the wind field in the upper stratosphere 1-9227
- Schmitz, G. *see* Edenhofer, J. 1-42096
- Schmitz, H.P. The combined effect of bottom topography, wind stress, and air pressure gradient on the generation of in- and external surges 1-4500
- Schmitz, J.E. *see* Vastano, A.C. 1-17596
- Schmitz, M. *see* Bock, P. 1-10234
- Schmitz, M. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Schmitz, N. Hadron production by neutrinos on protons 1-28310
- Schmitz, N. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Schmitz, N. *see* Blietschau, J. 1-10190
- Schmitz, N. *see* Grassler, H. 1-50414
- Schmocker, U., Chawla, R., Gmuier, K., Jermann, M., McCombie, C., Richmond, R. Reaction rate distributions through a central thorium metal zone in a GCFR lattice 1-28606
- Schmocker, U. *see* White, J.R. 1-28605
- Schmorraner, H. Spectroscopy of rare gas excimers 1-10750
- Schmucker, R.H. *see* Ruppe, H.O. 1-50893
- Schmugge, T.J. Effect of texture on microwave emission from soils 1-9154
- Schmugge, T.J. *see* Bell, K.R. 1-36016
- Schmugge, T.J. *see* Wang, J.R. 1-5329, 1-9184
- Schmuser, P. Recent results from PETRA 1-18496
- Schmuser, P. *see* Boerner, H. 1-14741
- Schmuser, P. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Schmutz, L.E., Bowker, J.K., Feinleib, J., Landon, S.N., Tubbs, S.J. Experimental performance of the P wavefront sensor for closed-loop adaptive optics 1-46583
- Schmutz, L.E. *see* Landon, S.N. 1-46585
- Schmutzer, E. Projective unified field theory. I. Present state of the theory: difficulties and prospects 1-40692
- Schmutzer, E. Projective unified field theory. II. Affinities, torsion, cyclic relation, curvature 1-40693
- Schmutzler, H.W. *see* Hefner, W. 1-26198
- Schnabel, E. *see* Petri, R. 1-31454
- Schnabel, K., Darai, S. Tumor therapy with fast neutrons 1-21221
- Schnabel, W. Photodegradation of polymers in solution as studied by laser flash photolysis 1-48712
- Schnabel, W. Pulsed radiolysis of polymer solutions 1-53447
- Schnabel, W. *see* Tagawa, S. 1-8583
- Schnabel, H. *see* Kohl, H. 1-18335
- Schnack, D.D. *see* Killeen, J. 1-2193
- Schnake, F.W. *see* Varschvsky, G.A. 1-3718
- Schnaper, G.H. *see* Koch, V.R. 1-33641
- Schnapp, J.D., Horn, G. A study of the formation of surface cracks due to tensile stress caused by Na^+/Li^+ ion exchange 1-30539
- Schnapper, A., Papuchon, M., Puech, C. Remotely controlled integrated directional coupler switch 1-46593
- Schnatterly, S.E. *see* Colter, P.C. 1-3574
- Schnatz, P.T., Neuman, R. An electrical impedance technique for recording oviductal and uterine activity 1-32324
- Schneck, J., Donoyer, F. Incommensurate phases in barium sodium niobate 1-34472
- Schneider, H.W. *see* Hoffman, A.R. 1-38009
- Schneeberger, B., Laeri, F., Tschudi, T., Heiniger, F. Image amplifier for coherent optical active feedback in the 514 nm range 1-41731
- Schneeberger, B. *see* Tschudi, T. 1-41592
- Schneeberger, J.-P. *see* Sahin, S. 1-884
- Schneegans, M. *see* Altkofer, O.C. 1-45773
- Schneegans, M. *see* Arnault, C. 1-23947
- Schneegans, M. *see* Aubert, J.J. 1-5630
- Schnegg, J. *see* Ledineg, E. 1-19914
- Schneibel, J.H. The influence of anelasticity on the transient behaviour of superplastic Sn-Pb eutectic after stress and strain rate changes 1-8364
- Schneibel, J.H., Hazzledine, P.M. Anelasticity in superplastic Sn-Pb alloys 1-15951
- Schneid, E.J. *see* Adler, P.N. 1-15919
- Schneider, A., Massey, J.V., Woods, C.R. The nuclear service center as a reprocessing and fuel fabrication center 1-45719
- Schneider, A. *see* Drees, J. 1-45302
- Schneider, A. *see* Gerhardt, B. 1-28328
- Schneider, A. *see* Massey, J.V. 1-18867
- Schneider, A.J., Windham, J.P. The performance characteristics of radiographic equipment: compliance with Federal regulations 1-53864
- Schneider, B. *see* Doskocilova, D. 1-26774
- Schneider, B. *see* Lovy, J. 1-10738
- Schneider, B.I., Collins, L.A. A linear-algebraic approach to electron-molecule collision 1-41492
- Schneider, C.P. *see* Murty, K. 1-50161
- Schneider, C.P. *see* Paz, O. 1-14137
- Schneider, D. *see* Garcia, J.D. 1-16643
- Schneider, D. *see* Reed, K.J. 1-1351
- Schneider, D.F., Young, P.V. Puppis and AN Ursae Majoris: a radial velocity study 1-22831
- Schneider, E. *see* Franz, G. 1-25147
- Schneider, E. *see* Schickanz, S. 1-12500
- Schneider, E. *see* Tham, R. 1-39334
- Schneider, F., Sharma, N.K. Induced smectic phases. I. Polymorphism in binary mixtures of alkoxybenzylidene-alkylanilines with alkyl- and alkoxy-cyanobiphenyls 1-42299
- Schneider, F. *see* Diddens, A.N. 1-14747, 1-23998
- Schneider, F. *see* Jonker, M. 1-10194, 1-14432, 1-42528
- Schneider, F. *see* Niedermeyer, H. 1-25040
- Schneider, F. *see* Polak, R. 1-51151
- Schneider, F. *see* Unterreiter, S. 1-26093
- Schneider, F.W. *see* Heinrichs, M. 1-21699
- Schneider, G., Gauckler, L.J., Petzow, G. Phase equilibria in the $\text{Si}_3\text{Al}_2\text{Be/C}_2\text{N}$ system 1-31446
- Schneider, G. *see* Haessler, H. 1-22260
- Schneider, G.E., Raithby, G.D. Finite element analysis of incompressible fluid flow incorporating equal order pressure and velocity interpolation 1-18026
- Schneider, G.M. High pressure thermodynamics and phase equilibria of fluid mixtures: survey and recent results 1-38503
- Schneider, G.M. *see* Herrmann, J. 1-38520
- Schneider, H., Hoegger, B.A., Ritz, Ch., Vaucher, B.G., Tran, T.M. Magnetoacoustic oscillations in a plasma produced by radiofrequency discharge 1-11537
- Schneider, H., Hornemann, U. Shock-induced transformation of sillimanite powders 1-38453
- Schneider, H., Majdic, A. Kinetics of the thermal decomposition of kyanite 1-48655
- Schneider, H. *see* Dahne, S. 1-31930
- Schneider, H. *see* Fedotov, V.D. 1-47964
- Schneider, H. *see* Fujita, H. 1-19957
- Schneider, H. *see* Jacob, P. 1-45174
- Schneider, H. *see* Zaplinski, P. 1-25698
- Schneider, H.A. *see* Siegel, W. 1-34705
- Schneider, H.G. *see* Chistyakov, Yu.D. 1-38311
- Schneider, H.M. *see* Reed, C.W. 1-15685
- Schneider, H.R. The CHEER polarization rotator 1-37044
- Schneider, H.R., Hoffmann, C.R. Independent current control in the coupled superconducting coils of a heavy-ion cyclotron magnet 1-45757
- Schneider, H.R. *see* Hoffmann, C.R. 1-14711
- Schneider, I. Recent developments in colour center lasers 1-46358
- Schneider, I. Lithium- $[\text{F}_2]_A$ centers in alkali-halide crystals (potential laser action) 1-52974
- Schneider, J. Thermal theory of the processing and viscometry of polymer melts. I. A mathematical model and a numerical method of solution for straight cylindrical tubes of circular cross-section 1-15942
- Schneider, J., Handstein, A., Henke, I., Zaveta, K., Mydlarz, T. Inhomogeneous magnetization in amorphous Ni-Fe based alloys 1-25987
- Schneider, J. *see* Kaufmann, U. 1-30676
- Schneider, J.C., Skull, G., Hery, M., Debru, M. Control and operation of the Super Phoenix steam generators 1-28576
- Schneider, J.C., Zirnig, W. Pressure transducers for loss of flow tests (fission reactors) 1-14676

- Schneider, J.M., Salom, S.J. A boundary integral formulation of the eddy current problem 1-6424
- Schneider, J.R. *see* Pattison, P. 1-28138
- Schneider, M. *see* Jost, K.H. 1-30162
- Schneider, M. *see* Loupias, G. 1-26300
- Schneider, M. *see* Strobl, G.R. 1-15814
- Schneider, M.J. *see* Strobl, G.R. 1-15815
- Schneider, M.V. Electrical characteristics of metal-semiconductor junctions 1-20869
- Schneider, N.S. *see* Illinger, J.L. 1-52360
- Schneider, P., Brabec, M. Antineutron layers on the molybdenum grids of high-powered tubes on the basis of the double-layer zirconium-platinum 1-11920
- Schneider, P.E.M. Secondary vortices in ring vortices and in jets 1-29708
- Schneider, P.J., Berkner, K.H., Graham, W.G., Pyle, R.V., Stearns, J.W. H⁺ and D⁺ production by backscattering from alkali-metal targets 1-43232
- Schneider, P.J. *see* Hiskes, J.R. 1-26332, 1-39205
- Schneider, R., Belkoura, L., Schelten, J., Woermann, D., Chu, B. Determination of the critical exponent η by neutron and light scattering from a binary liquid mixture 1-20402
- Schneider, R.A., Herz, E.R. Some quantitative aspects of measuring liquid wastes in large collection basins 1-23800
- Schneider, R.J. Accelerated protons for biology and medicine 1-43993
- Schneider, R.T. *see* Walters, R.A. 1-19327
- Schneider, S. Flashlamp-pumped mode-locked dye lasers 1-19360
- Schneider, S., Spitzer, R. Interaction of electrons and pump fields at superluminal electron velocities 1-10900
- Schneider, S. *see* Schiller, S. 1-16212
- Schneider, S.C., Levy, M., Johnston, D.C., Matthias, B.T. Temperature dependence of the ultrasonic attenuation coefficient for ErRh_2B_4 between 1.5K and 20K 1-20918
- Schneider, S.H., Chen, R.S. Carbon dioxide warming and coastline flooding: physical factors and climatic impact 1-40183
- Schneider, S.J., Frederikse, H.P.R., Negas, T., Rudins, G. Materials for open cycle MHD generators 1-7011
- Schneider, T., Stoll, E. Classical statistical mechanics of the sine-Gordon and ϕ^4 chains. Static properties 1-23125
- Schneider, T. *see* Dumb, C. 1-18161
- Schneider, T. *see* Loveluck, J.M. 1-7796
- Schneider, T. *see* Semm, P. 1-26893
- Schneider, V.E., Torma, E.E. Statistics of the quasi-one-dimensional model of Mitsui in Rochelle salt 1-21135
- Schneider, W. Transient solidification of a flowing liquid at a heat conducting wall 1-2078
- Schneider, W. *see* Gruber, R. 1-51934
- Schneider, W. *see* Herschbach, K. 1-23753
- Schneider, W. *see* Ineichen, B. 1-19664
- Schneider, W. *see* Krompholz, H. 1-46932
- Schneider, W.D., Laubschat, C. Binding energies, work-function changes, and saturation moments in the compounds UPT and UPT₂ [XPS study] 1-33052
- Schneider, W.-D., Laubschat, C. Actinide-noble-metal systems: an X-ray-photoelectron-spectroscopy study of thorium-platinum, uranium-platinum, and uranium-gold intermetallics 1-43247
- Schneider, W.F.W. *see* Munzenberg, G. 1-50695
- Schneider, W.J. Density functional formalism and correlation in semiconducting solids and polymers 1-20649
- Schneider, W.J. *see* Brown, D.P. 1-51022
- Schneiders, N.J., Bushong, S.C. A precise CT phantom alignment procedure 1-8992
- Schneps, J. *see* Hanlon, J. 1-18464
- Schneps, J. *see* Kitagaki, T. 1-18467
- Schneps, M.H., Haschick, A.D., Wright, E.L., Barrett, A.H. The stellar wind bubble NGC 2359 I, CO, VLA, and optical observations 1-49746
- Schneps, M.H., Ho, P.T.P., Barrett, A.H. The formation of elephant-trunk globules in Rosette nebula: CO observations 1-9610
- Schneringer, H.-G. von *see* Schneringer, H.-G.
- Schnetzler, S. *see* Tanihata, I. 1-18669
- Schnetzler, C.C. *see* Siegrist, A.W. 1-44335
- Schnewuyl, H., Vogel, P. Electronic K X-ray energies in heavy muonic atoms 1-15042
- Schnewuyl, H. *see* Knight, J.D. 1-15039
- Schneider, S. *see* Harnad, J.P. (editor) 1-32802
- Schnitzger, D., Mundry, E. Radiography by electrons 1-39555
- Schnitzler, R.H. *see* DiAngelo, D.W. 1-39237
- Schnitzler, R.H. *see* Gartner, H.M. 1-31353
- Schnitzler, H.J. *see* Ovrut, B.A. 1-23433
- Schnitzke, K. *see* Hillenbrand, B. 1-21351
- Schnitzer, B., Farnleitner, E. Microwave synchrotron radiation emitted by electrons slowly circling within a straight circular waveguide 1-29196
- Schnockel, H. Matrix reaction of GeO with F₂. IR spectroscopic investigation of the molecule OGeF₂ 1-31850
- Schnorr, P., Rasmussen, F. Hearing in women survivors of myocardial infarction 1-26914
- Schnoor, J.L., O'Connor, D.J. A steady state eutrophication model for lakes 1-43835
- Schnopper, H.W., Taylor, P.O. Spherical crystal imaging spectrometer (SCIS) for cosmic X-ray spectroscopy 1-13687
- Schnopper, H.W. *see* Harris, D.E. 1-22905
- Schnuelle, G.W. *see* Katz, I. 1-34140
- Schnuelle, G.W. *see* Mandell, M.J. 1-35651
- Schnupp, L. *see* Schilling, R. 1-27853
- Schnurrberger, W. *see* Wojkowsky, H. 1-43829
- Schnute, W.C., Smith, D.E. The application of GC/MS in environmental analysis 1-21962
- Schober, H.J., Scaltriti, F., Zappala, V., Harris, A.W. The remaining large minor planets with unknown rotational properties: 31 Euphrosyne and 65 Cybele 1-27409
- Schober, P. *see* Lewandowski, Z. 1-18634
- Schober, T., Jansen, M. The electropolishing of magnesium for transmission electron microscopy (TEM) 1-48634
- Schober, T., Schafer, W. Transmission electron microscopy and neutron diffraction studies of FeTi-H(D) 1-20122
- Schober, T. *see* Bechtold, P.S. 1-7329
- Schober, T. *see* Pesch, W. 1-26512
- Schobinger-Papantellos, P. The magnetic structure of $\text{Ho}_{1-x}\text{Ge}_x\text{Sb}_{1-x}$ determined by neutron diffraction 1-25893
- Schoch, B., Goring, H., Jennewein, P., Klein, F., Luhrs, G., Zettl, F. Cross sections for the reaction $^{16}\text{O}(\gamma, p_0)^{15}\text{N}$ at forward angles for $E_\gamma = 80$ MeV 1-23640
- Schoch, B. *see* Goring, H. 1-23639
- Schochlin, W.A. *see* Wihl, H.J. 1-36239
- Schock, A. Design evolution and verification of the general-purpose heat source 1-48885
- Schock, R.N. *see* Akella, J. 1-38529
- Schock, W. *see* Hoffmann, P. 1-24396
- Schock, W. *see* Schall, W. 1-41725
- Schoeberte, D.F. *see* Kennedy, J.M. 1-33301
- Schoechlin, W.A. *see* Wihl, H.J. 1-4903
- Schoeck, G. The position of screw dislocations in BCC metals 1-11748
- Schoeck, G. *see* Wielek, B. 1-12831
- Schoemaker, D. *see* Goovaerts, E. 1-3395
- Schoemaker, D. *see* Van Steen, F. 1-43004
- Schoembs, R., Vogt, N. Photometry and polarimetry of VW Hydri during the October 1978 supermaximum 1-27507
- Schoembs, R. *see* Vogt, N. 1-54506
- Schoen, N.C. Thermoelastic stress analysis of pulsed electron beam recrystallization of ion-implanted silicon 1-7251
- Schoen, P.E., Wider, S.L. Alkane chain conformation as a function of pressure 1-37359
- Schoen, R., Yau, S.-T. The energy and the linear momentum of space-times in general relativity 1-49999
- Schoenberg, A.A. *see* D'Andrea, J.A. 1-4326
- Schoenberg, K.F. Real time digital spectral analysis as a plasma fluctuation diagnostic 1-2244
- Schoenberg, K.F. Electron distribution function measurement by harmonically driven electrostatic probes 1-2245
- Schoenberg, M. Elastic wave behavior across linear slip interfaces 1-15301
- Schoene, T., Hansen, R., Menzel, H. Major GCFR design changes 1-14582
- Schoenes, J. Electronic structure of uranium monochalcogenides and uranium mononitrides 1-30629
- Schoenes, J. Optical spectroscopy of uranium monochalcogenides and mononitrides 1-48114
- Schoenes, J., Travaglini, G., Vogt, O., Wachter, P. Transport properties of US single crystals 1-47689
- Schoenfeld, D.W. *see* Li, S.S. 1-48855
- Schoenhals, R.J. *see* Akai, R.L. 1-17235
- Schoenmaker, S. Alcohol for the '80s: hybrid poplars come out of the woodwork 1-39832
- Schoessler, J. *see* Tomlinson, A. 1-27028
- Schoessler, J.P. Disparity-induced vergence responses in normal and strabismic subjects 1-35776
- Schofield, C. *see* Fahy, F.J. 1-19513
- Schofield, J.M.S. The constricted negative glow for plasma displays—an engineering and graphical approach 1-15659
- Schofield, R.E. Atomism from Newton to Dalton 1-49925
- Schofield, S.L., Bowers, R.G. Renormalisation group calculations on a mixed-spin system in two dimensions 1-20990
- Schoijet, M. On a possible connection between superconductivity and covalency 1-3087
- Scholer, H. Generation of photogrammetric stereo pairs of images by beam division in single lens cameras 1-28079
- Scholer, M., Ipavich, F.M., Gloeckler, G., Hovestadt, D. Conditions for acceleration of energetic ions ≥ 30 keV associated with the Earth's bow shock 1-9327
- Scholer, M. *see* Mobius, E. 1-17741
- Scholer, H. *see* Guldbacke, S. 1-41253
- Scholetsky, R., Denison, R. Ferrite manufacturing: control technology, not a black art 1-53150
- Scholin, B. *see* Becker, K.M. 1-28520
- Scholl, F.W. Transient photoconductivity apparatus [for polycrystalline Si] 1-12146
- Scholl, H. Recent work on the origin of the Kirkwood gaps 1-44467
- Scholl, H. *see* Froeschle, C. 1-36266, 1-44468
- Scholl, M.S. Temperature calibration of an infrared radiation source 1-19986
- Scholl, M.S. Measured spatial properties of the CW Nd:YAG laser beam 1-11034
- Scholler, P. *see* Lang, B. 1-8172
- Scholten, K. *see* Leith, E. 1-11082
- Scholten, O., Harakeh, M.N., Van Der Plicht, J., Put, L.W., Siemssen, R.H., Van Der Werf, S.Y., Sekiguchi, M. Neutron pickup reactions on the even palladium isotopes and the deeply bound hold-state excitation 1-14505
- Scholten, O. *see* Dieperink, A.E.L. 1-10334
- Scholten, O. *see* Puddu, G. 1-5671
- Scholten, P.C. Magnetic birefringence of ferrofluids [with reply by J.P. Llewellyn] 1-26174
- Scholten, B.J.R., Booi, H.C. Time-temperature superposition and linear viscoelastic behaviour of EPDM networks with various degrees of cross-linking 1-48411
- Scholtz, A.L., Leeb, W.R. Single-mode laser intracavity coupling modulation 1-46406
- Scholz, A. *see* Meisel, H. 1-17014
- Scholz, C.H. Shear heating and the state of stress on faults 1-27107
- Scholz, D. *see* Gammeke, H. 1-14507
- Scholz, G., Gerth, E. Radial velocity and magnetic field measurements of the A-type supergiant ν Cep (HD 207260) 1-49654
- Scholz, G.A., Trindt, R.F. Structure and staging of intercalated Ag_xTaS_2 and Ag_xTiS_2 1-30185
- Scholz, H. *see* Neubert, G. 1-16634
- Scholz, H.J. *see* Graham, R. 1-1923
- Scholz, J. *see* Dang, H.R. 1-48067
- Scholz, M. *see* Chang, S. 1-31930
- Scholz, M. *see* Schmid-Burgk, J. 1-44558, 1-54497
- Scholz, W.G. *see* Zum Gahr, K.H. 1-53259
- Schomburg, H., Tasto, M. Computerized ultrasonic tomography 1-35911
- Schombert, J.M. *see* Tohline, J.E. 1-44546
- Schommartz, G. On the dynamics of digital frequency meters 1-27960
- Schommers, W. Structure and dynamics of superionic conductors. II. Collective excitations and single-particle motion 1-2689
- Schommers, W. Contribution of three-body interactions to the dynamic correlations in gaseous krypton 1-19851
- Schommers, W. Triplet correlations in solid electrolytes 1-34513
- Schomowa, N.A. *see* Savitsky, E.M. 1-34821
- Schon, D. *see* Bethke, K. 1-32978
- Schonsauer, W. *see* Glotz, G. 1-42097
- Schonbach, K. *see* Herziger, G. 1-34175
- Schonbach, K. *see* Krompholz, H. 1-46932
- Schonbach, K. *see* Neff, W. 1-2240
- Schonbach, K.H. *see* Yocum, T.A. 1-19389
- Schonblom, J.E. Thermal spring: an attempt to store heat as strain energy 1-49906
- Schone, P. The subjective assessment of acoustic time differences 1-46637
- Schoneich, B. *see* Revenko, Yu.F. 1-20921
- Schoneich, R. *see* Bendig, J. 1-41422
- Schoneich, W. *see* Musielok, B. 1-4918
- Schonfeld, B. Untersuchung von Frenkeldefekten in tiefertemperaturbestrahlten HCP Kristallen mit Hilfe der diffusen Röntgenstreuung (Investigation of Frenkel defects in low temperature irradiated HCP crystals by means of diffuse X-ray scattering 1-7210
- Schonfeld, B. *see* Ehrhart, P. 1-34860
- Schonfeld, J.F. Dynamical symmetry and magnetic charge 1-5538
- Schonfeld, J.F., Kwong, W., Rosner, J.L., Quigg, C., Thacker, H.B. On the convergence of reflectionless approximations to confining potentials 1-490
- Schonfeld, J.F. *see* Kwong, W. 1-22967
- Schofelder, V., Graml, F., Penningsfeld, F.-P. The vertical component of 1-20 MeV gamma rays at balloon altitudes 1-9737
- Schonhammer, K., Gunnarsson, O. Sticking probability on metal surfaces: Contribution from electron-hole pair excitations 1-7463
- Schonhammer, K. *see* Gunnarsson, O. 1-21299
- Schonhense, G. Photoelectron angular distribution for mercury 5d and cadmium 4d 1-45916
- Schonhense, G. *see* Heinzmann, U. 1-41829
- Schonherr, E. *see* Hartmann, E. 1-11709
- Schonherr, G., Eiermann, R., Bassler, H., Silver, M. Dispersive exciton transport in a hopping system with Gaussian energy distribution 1-25637
- Schonherr, G., Hensel, F. Thermodynamic and electron transport properties of indium-amalgams in the density range of metal-nonmetal transition 1-25770
- Schonwiese, C.D. Climatic change predictability and realization by means of statistical filter models 1-32514
- Schoof, H. *see* Oechsner, H. 1-31293
- Schoon, C.M. *see* Bowen, R.W. 1-43874
- Schoonheydt, R.A. Cationic motion in dehydrated zeolites 1-2680

- Schoonmaker, D. *see* Eisen, H. 1-2520
- Schoonman, J., Oversluisen, G., Wapenaar, K.E.D. Solid electrolyte properties of LaF_3 1-7378
- Schoonman, J. *see* Hellstrom, E.E. 1-7680
- Schope, P.S. The role of Ekman flow and planetary waves in the oceanic cross-equatorial heat transport 1-4514
- Schopf, K.F. Beam driven D-fusion plasma within a fusion-fission hybrid system 1-883
- Schopohl, N. Eigenberger equations for rotating superfluid ^3He and calculation of the upper critical angular velocity Ω_c 1-30511
- Schopohl, N., Tewordt, L. Generalized Ginzburg-Landau theory for superfluid ^3He and application to helical textures in $^3\text{He-A}$ 1-30510
- Schopper, H. The properties of charmonium and charm particles 1-28299
- Schor, C. Fixation disparity: a steady state error of disparity-induced vergence 1-35773
- Schorn, B.J. *see* Owens, J.E. 1-24311
- Schorr, A.E. *see* Tsang, W.T. 1-41747
- Schorr, B., Townsend, D. Filters for three-dimensional limited-angle tomography 1-49120
- Schotanus, D.J. *see* Barth, M. 1-41018, 1-45377
- Schotland, R.M. *see* Eberhard, W.L. 1-9262
- Schott, F., Quadfasel, D.R. Development of the subsurface currents of the northern Somali Current gyre from March to July 1979 1-27210
- Schott, H.J. *see* Munzenberg, G. 1-50695
- Schott, J. *see* Dandurand, J.-L. 1-39664
- Schott, L. *see* Okutsu, E. 1-38087, 1-51943
- Schott, M. *see* Bertault, M. 1-47232
- Schotte, K.D., Truong, T.T. Phase transition of a one-dimensional Coulomb system 1-14088
- Schotte, U., Denner, H.-D. Heat conduction through narrow channels and phase separation of He II at zero gravity 1-52379
- Schotz, S., Panofsky, H.A. Wind characteristics at the Boulder Atmospheric Observatory 1-27220
- Schotzau, H.J. *see* Sturzenegger, C. 1-34159
- Schotzig, U., Debertin, K. $4\pi\gamma$ -Messtank mit zwei NaI(Tl) -Bohrkristallen zur Aktivitätsbestimmung von Radionukliden mit komplexem Zerfallsschema ($4\pi\gamma$ measurements with two NaI(Tl) well type crystals for activity values of radionuclides with complex decay schemes) 1-6102
- Schou, J. Transport theory for kinetic emission of secondary electrons from solids 1-12609
- Schou, J. *see* Borgesen, P. 1-26341
- Schoubye, J. *see* Pedersen, S.A. 1-4359
- Schoumacker, P. *see* Noel, A. 1-9035
- Schouten, H., Karson, J., Dick, H. Geometry of transform zones 1-22319
- Schouten, J.A. *see* Deerenberg, A. 1-7310, 1-38049
- Schouten, J.A. *see* Geijsels, J. 1-38506
- Schouten, J.A. *see* Peerdeman, S.A.G. 1-2613
- Schouten, M.E.H. *see* Pols, L.C.W. 1-37720
- Schouten, W.J. *see* Kuiper, A.E.T. 1-12659
- Schowalter, W.R. *see* Hon Chung Lau 1-1904
- Schowengerdt, R.A. Reconstruction of multispectral, multispectral image data using spatial frequency content 1-44194
- Schpector, J. *see* Zukerman *see* Zukerman Schpector, J.
- Schrack, R.A., Bowman, C.D. Calculation and measurement of fission and delayed neutron yields in U_2O_8 and UO_2 1-775
- Schrack, R.A. *see* Behrens, J.W. 1-12947
- Schrader, H.O. *see* Auweter-Ming, M. 1-25090
- Schrader, H. *see* Lang, W. 1-726
- Schrader, M.E., Taylor, D.W. Monolayer coating through chemisorption [on Cu-Ni] 1-11983
- Schram, D.C. *see* Dielis, J.W.H. 1-42226
- Schram, D.C. *see* Pots, B.F.M. 1-38172
- Schrama, J.T. *see* Finck, J.C.J. 1-19358
- Schramm, B., Rapp, H. Vibrational relaxation of HCl ($v=1$) at low temperatures 1-19125
- Schramm, C.J., Scaringe, R.P., Stojakovic, D.R., Hoffman, B.M., Ibers, J.A., Marks, T.J. Chemical, structural, and charge transport properties of the 'molecular metals' produced by iodination of nickel phthalocyanine 1-47621
- Schramm, D.N., Steigman, G. Relic neutrinos and the density of the Universe 1-54669
- Schramm, D.N. *see* Symbalisty, E.M.D. 1-13894
- Schramm, D.N. *see* Balian, R. (editor) 1-27684
- Schramm, G. *see* Fahrback, H.U. 1-51937
- Schramm, R. *see* Reineke, H.H. 1-5866
- Schramm, R. *see* Schermer, R.I. 1-48923
- Schrammen, P. *see* Holzl, J. 1-2823
- Schrank, J., Zehetbauer, M., Pfeiler, W., Trieb, L. Effect of high deformation on electrical resistivity in pure aluminium 1-16913
- Schraub, A. *see* Kindt, A. 1-32207
- Schreck, R. *see* Gemmeke, H. 1-18668
- Schreck, R.M. *see* Chan, T.L. 1-49037
- Schreckenbach, K., Faust, H.R., von Feilitzsch, F., Hahn, A.A., Hawerkamp, K., Vuilleumier, J.L. Absolute measurement of the beta spectrum from ^{235}U fission as a basis for reactor antineutrino experiments 1-45551
- Schreckenbach, K. *see* Alexeev, V.L. 1-639
- Schreckenbach, U. Colour measurements of structured surfaces of plastics 1-21152
- Schreiber, G., Woltersdorf, F.W. Optical characteristics of fixed traffic signal lights 1-22020
- Schreiber, H. *see* Seiler, H. 1-54195
- Schreiber, H., Jr. *see* Gallagher, P.K. 1-38505
- Schreiber, H.D., Lauer, H.V., Jr., Thanayisiri, T. The redox state of cerium in basaltic magmas: an experimental study of iron-cerium interactions in silicate melts 1-40096
- Schreiber, H.P., Croucher, M.D., Prairie, C. On multi-valued surface properties of PMMA films 1-48646
- Schreiber, H.P., Wertheimer, M.R., Wrobel, A.M. Corrosion protection by plasma-polymerized coatings 1-16979
- Schreiber, H.-U., Grabe, B. Electromigration in sputtered aluminum films 1-47280
- Schreiber, J., Aksenov, V.L. On the concentration dependence of coupled modes in an impure pseudospin-phonon system 1-20324
- Schreiber, O. *see* Gastaldi, U. 1-14733
- Schreiber, R. *see* Gruber, R. 1-51934
- Schreiber, R. *see* Hanasz, J. 1-32679
- Schreiber, W. *see* Erler, K. 1-46262
- Schreiber, W.J. *see* Wenke, L. 1-23292
- Schreier, E.J. *see* Parmar, A.N. 1-27636
- Schreier, H., Erlebach, W., Albright, L. Variations in water quality during winter in two Yukon rivers with emphasis on dissolved oxygen concentration 1-17637
- Schreiner, F.-J. *see* Hausler, E. 1-35906
- Schreiner, H. *see* Haupe, W. 1-12893
- Schreiner, M., Stinger, G., Ettmayer, P., Lux, B. Scanning electron micrographs of sintered hard metal structures 1-53383
- Schreiner, P. *see* Derrick, M. 1-45261
- Schreiner, W.H., Pureur, P., Brandao, D.E. Electrical resistivity of the Pd-based Heusler alloys 1-2934
- Schreiner, W.H. *see* Kunzler, J.V. 1-7603
- Schreiter, W., Babenzien, C., Rossbender, W.R. Radiation exposure of the staff of nuclear power plants of the German Democratic Republic 1-28728
- Schrempf, B., Schrempf, F. QCD at low Q^2 —a correspondence relation for moments of structure functions 1-10167
- Schrempf, F. *see* Schrempf, B. 1-10167
- Schrems, O. *see* Luck, W.A.P. 1-14881
- Schrenk, W.J. *see* Alfrey, T., Jr. 1-12954
- Schretzmann, K. *see* Dörner, S. 1-35715
- Schrewe, U.J. *see* Kantus, R. 1-50560
- Schrewe, U.J. *see* von Dinkel, R.-D. 1-26788
- Schrey, H. *see* Kurtze, G. 1-52938
- Schrey, H.-G., Kern, J. The tube row effect in gas cooled condensers 1-37782
- Schreyer, H.L. *see* de Paz, J.F. 1-53534
- Schreyer, H.L. *see* Seidensticker, R.W. 1-33329
- Schreyer, J.M., Schmitt, C.R., Hays, R.A., Farwell, D. Stability of plasma-sprayed coatings tested at White Sands Solar Facility 1-8751
- Schriber, H.D. Properties of redox ions in glasses: An interdisciplinary perspective 1-31849
- Schriber, M. *see* Schafer, W. 1-47454
- Schrieffer, J.R. *see* Su, W.P. 1-1424, 1-52251, 1-52507
- Schrijver, J. *see* Sylwester, J. 1-4852
- Schrimpf, C. *see* Frisch, G.H. 1-43308
- Schrittenlacher, W. *see* Austinat, J. 1-52912
- Schrittwieser, R. *see* Hatakeyama, R. 1-2185
- Schriver, A. *see* Girardet, C. 1-24282
- Schrober, H.R., Lottner, V. Lattice dynamics of hydrogen in transition metal 1-20340
- Schrock, V.E. *see* Silling, S.A. 1-45589
- Schrodel, C. *see* Kachev, V.D. 1-11776
- Schroder, B. *see* Hylten, G. 1-27923
- Schroder, G. *see* Haake, F. 1-51431
- Schroder, G.H. *see* Kuhn, H. 1-28759
- Schroder, G.H. *see* Rodel, V. 1-28760
- Schroder, H. New results on the T-system from DORIS 1-45323
- Schroder, H. *see* Baev, V.M. 1-41728
- Schroder, H. *see* Morl, K. 1-42644
- Schroder, M. *see* Ottinger, C. 1-10777
- Schroder, R., Spenke, H. Heterogeneous cores for fast breeder reactors 1-23780
- Schroder, U. The influence of metallic coatings on the dispersion of surface plasma oscillations in gold-silver film systems 1-38830
- Schroder, W. The history of polar lights research 1-49438
- Schroder, W. *see* Mischke, B. 1-34708
- Schroder, W.U., Huijenga, J.R., Randrup, J. Correlated mass and charge transport induced by statistical nucleon exchange in damped nuclear reactions 1-33252
- Schroder, W.U. *see* Breuer, H. 1-23674
- Schroder, W.U. *see* Hilscher, D. 1-50639
- Schroedin, R. *see* Panhans, W.-G. 1-4561
- Schroeder, B., Thompson, G., Sulanowska, M., Ludden, J.N. Analysis of geologic materials using an automated X-ray fluorescence system 1-22555
- Schroeder, D.J. Echelle efficiencies: theory and experiment; author's reply to comment 1-46541
- Schroeder, H.J., Ambros, R., Heinze, W. Considerations on collective doses in the nuclear power plant at Biblis 1-939
- Schroeder, I. *see* Lehn, W.H. 1-44298
- Schroeder, J. Brillouin scattering and Pockels coefficients in silicate glasses 1-8083
- Schroeder, J.P. Liquid crystals. VII. Smectic-nematic transition temperature as a function of alkyl end group length in p-phenylene di-p-alkoxybenzoates 1-20368
- Schroeder, L.S. *see* Geaga, J.V. 1-28449
- Schroeder, L.W., Jordan, T.H., Brown, W.E. Raman spectrum from a single crystal of SnHPO_4 1-48090
- Schroeder, M.R. Advances in architectural acoustics 1-6719
- Schroeder, P.A. *see* Lee, C.W. 1-30719
- Schroeder, J.M., Dely, A., Deal, L.L. Secondary ion emission from titanium alloys under argon and oxygen bombardment 1-31284
- Schroer, B. *see* Hortacsu, M. 1-23460
- Schroer, B. *see* Rothe, K.D. 1-28214
- Schroer, W. The one particle distribution function in anisotropic fluids 1-7059
- Schroeter, G. *see* Meyer, R. 1-46602
- Schroppel, J. Impact of wall temperature variation on the film condensation of binary gas-vapour mixtures 1-33886
- Schroter, J. *see* Alpers, W. 1-54137
- Schroter, J. *see* Oevl, W. 1-51699
- Schroter, R.C. *see* Dale, P.J. 1-35797
- Schroter, S., Kuhlke, D., Dietel, W. Frequency-locking and single-mode operation of a CW dye ring laser near the atomic lines of a gas discharge 1-46397
- Schroter, W. *see* Labusch, R. 1-2445
- Schrufner, E., Heintzmann, H. Lorentz-covariant eikonal methods in magnetohydrodynamics. II. The determination of the wave amplitudes 1-51927
- Schryer, D.R. Determination of the orientation symmetry axis of graphite specimens 1-21473
- Schryver, F.C. *see* van der Auweraer, M. 1-48742
- Schtab, H. *see* Petrov, D.V. 1-24645
- Schubart, J. New results on the commensurability cases of the problem Sun-Jupiter-asteroid 1-40337
- Schubart, J. Asteroidal motion at commensurabilities treated in three dimensions 1-44466
- Schubert, D. Resistance and piezo-electric coefficients of integrated semiconductor resistances 1-25724
- Schubert, D., Wabnitz, H., Wilhelm, B. Laser phase fluorimetry for the determination of fluorescence lifetimes and orientational relaxation times. I. Construction and testing of a simple laser phase fluorimeter 1-40832
- Schubert, D. *see* Helm, H.-M. 1-23216
- Schubert, G., Straus, J.M. Gravitational stability of water over steam in vapor-dominated geothermal systems 1-27215
- Schubert, G., Zebib, A. Thermal convection of an internally heated infinite Prandtl number fluid in a spherical shell 1-4483
- Schubert, G. *see* Covey, C.C. 1-49362
- Schubert, G. *see* Hood, L.L. 1-9393
- Schubert, G. *see* Sandwell, D. 1-44069
- Schubert, G. *see* Strauss, J.M. 1-51771
- Schubert, G. *see* Yuan, D.A. 1-54053
- Schubert, K. *see* Bhatt, Y.C. 1-2397
- Schubert, K. *see* Kubiak, R. 1-8281
- Schubert, K. *see* Nover, G. 1-20127, 1-38334
- Schubert, K.R. Formation of upilon mesons at DORIS 1-50451
- Schubert, M. About the relation between picocosmic and megacosmic quantities 1-27638
- Schubert, M., Vogel, W. Quantum statistical properties of the radiation field in the degenerate two-photon emission process 1-41650
- Schubert, M., Vogler, K. A modification of Forster's deactivation relation due to inhomogeneous spatial distribution and active behavior of the acceptors 1-2904
- Schubert, M., Vogler, K. Experimental and theoretical investigations on the picosecond deactivation process of excited F-centres in KCl 1-8102
- Schubert, M., Wilhelm, B. The mutual dependence between coherence properties or light and nonlinear optical processes 1-29330
- Schubert, R. Secondary ion mass spectrometric analysis of cobalt-hardened gold electrodeposited surfaces 1-47336
- Schubert, E.A., Adams, E.D., Bakalyar, D.M. Magnetization and pressure study of ^3He in fast compressions in high fields 1-16138
- Schuch, R., Gaukler, G., Nolte, G., Jones, K.W., Johnson, B.M. Impact-parameter dependence of $2p\pi$ and $1s\sigma$ molecular-orbital X-rays produced by Nb-Mo collisions at 143 MeV 1-19171
- Schuch, R., Nolte, G., Schmidt-Böcking, H. Experimental K-vacancy production probabilities of nearly symmetric heavy-ion collision systems in comparison with the $2p\pi$ - $2p\pi$ rotational-coupling model 1-1321
- Schuch, R. *see* Maor, D. 1-46069
- Schuch, R. *see* Nolte, G. 1-24214
- Schuck, C., Knipper, A., Richard-Serre, C., Berg, V., Zerrouk, A., Genevey-Rivier, J. Recent results obtained very far from stability at ISOLDE: neutron deficient odd-A iridium nuclei and triaxiality 1-10351

- Schucker, T. *see* Binetruy, P. 1-28263, 1-45175, 1-45176
- Schucker, T. *see* Ruegg, H. 1-5548
- Schueckler, M. *see* Bayer, A. 1-5923
- Schuerman, D.W. The Microwave Analog Facility at SUNYA: capabilities and current programs 1-6455
- Schuerman, D.W. On the equivalence of expressions for inverting the 3-dimensional zodiacal light brightness integral 1-22725
- Schuerman, D.W. (editor) Light Scattering by Irregularly Shaped Particles, Proceedings of the International Workshop 1-5028
- Schuermeyer, F.L., Hartnagel, H.L. Electrical analysis methods for metal insulator semiconductor structures on GaAs 1-42863
- Schuermeyer, F.L. *see* Langer, D.W. 1-16373
- Schuessler, H.A. Laser spectroscopy on-line with nuclear accelerators 1-41505
- Schuessler, H.A. *see* Buchinger, F. 1-628
- Schuffenecker, L., Balesdent, D., Houriez, J. Thermodynamic properties of liquid (cadmium + lead) 1-47257
- Schuff, H.-W. *see* Brauer, H. 1-53215
- Schuff, J.C. Note on the ab initio PUHF treatment of open-shell systems 1-1096
- Schug, J.C. *see* Brewer, D.A. 1-26757
- Schugler, B. *see* Karntenthaler, H.P. 1-11763
- Schugler, F.B., Kuzmany, H. Optical modes of trans-polyacetylene 1-46178
- Schulb, B., Grewe, N. Mean-field theory for the T_{02} -minimum in the phase diagram of $\text{Er}_{1-x}\text{Ho}_x\text{Rb}_2\text{Al}_4$ 1-47782
- Schulb, B. *see* Grewe, N. 1-12229
- Schub, H.-W. *see* Dewald, A. 1-45402
- Schub, C. *see* Argan, P.E. 1-28331, 1-33190
- Schule, W. Vacancy enhancement of diffusion after quenching and during irradiation in silver-zinc alloys 1-7369
- Schule, W., Kormann, H. Radiation enhanced diffusion in FCC metals 1-52340
- Schuler, K.P. *see* Baum, G. 1-28323
- Schulien, S., Hornemann, U. Possible shock-induced phase transition in Ca_2GeO_4 deduced from electrical conductivity measurements 1-38822
- Schulke, L. *see* Dahmen, H.D. 1-5614
- Schulke, L. *see* Etim, E. 1-18486
- Schulke, W. *see* Bonse, U. 1-21288
- Schull, V. *see* Tornøge, E. 1-48074
- Schuller, F., Nienhuis, G. Collisional perturbation of resonance fluorescence from atoms in a strong monochromatic driving field 1-45897
- Schuller, W.F.J. Radiation exposure of the WAK staff during seven years of operation 1-28740
- Schulman, J.N., McGill, T.C. Localization of superlattice electronic states and complex bulk band structures 1-16351
- Schulman, L.S. Formulation and justification of the Wheeler-Feynman absorber theory 1-18403
- Schulman, L.S. *see* Gerola, H. 1-44624
- Schulman, L.S. *see* Newman, C.M. 1-9959
- Schulman, S.G., Vogt, B.S., Lovell, M.W. Kinetics and equilibria of proton-transfer reactions of weak bases in the lowest excited singlet state 1-8542
- Schulson, E.M. Further observations of the peritectoid transformation $\text{Zr} + \text{Zr}_2\text{Al} \rightarrow \text{Zr}_3\text{Al}$ 1-26445
- Schulson, E.M., Trottier, T.P. A transformation-induced reduction in the oxidation rate of ordered Zr_3Al 1-8477
- Schulson, E.M. *see* Hunt, C.E.L. 1-12754
- Schult, A., Guerreiro, S.D.C. Palaeomagnetism of Upper Cretaceous volcanic rocks from Cabo de Sto. Agostinho, Brazil 1-13388
- Schult, O.W.B. *see* Borchert, G.L. 1-23940
- Schult, O.W.B. *see* Koch, H.R. 1-10584
- Schulte, C.W., Campbell, J.L., Ledingham, K.W.D., Lichtenberger, P.C. A positron trapping study of none-equilibrium defects created by the HCD=FCC phase change in cobalt 1-8156
- Schulte, C.W., Jorch, H.H., Campbell, J.L. Fitting techniques for K X-ray multiplets in Ge(Li) spectra 1-6078
- Schulte, D.W., Charles, A., Howell, R.H. Energy analysis of an existing solar assisted heat pump installed in a mid-Missouri residence 1-35700
- Schulte, E. *see* Muller, G. 1-48932
- Schulte, F.K. Electron energies in n-inversion layers of Si/SiO_2 calculated without effective-mass approximation 1-12172
- Schulte, H. *see* Sahm, C.-C. 1-10397
- Schulte, R. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Schulte, R. *see* Blitschau, J. 1-10190
- Schulte, R. *see* Commichau, V. 1-14761
- Schulte, R. *see* Fritze, P. 1-14431
- Schulte, R. *see* Grassler, H. 1-50414
- Schulte, R. *see* Kennedy, J. 1-26782
- Schulte, R.L. *see* Adler, P.N. 1-15919
- Schulte in den Baumen, J., Hebele, H., Holze, E., Orthlieb, N. Observations of late type objects with a new spectrophotometer in the 8-13 μm range 1-54379
- Schulten, K., Dinur, U., Honig, B. The spectra of carbonium ions, cyanine dyes, and protonated Schiff base polyenes [visual photochemistry] 1-10715
- Schultheis, H., Schultheis, R. Variational study of the electrofission of ^{28}Si 1-5811
- Schultheis, R. *see* Schultheis, H. 1-5811
- Schulthess, G.K. *see* Schulthess, G.K.
- Schults, P.J. *see* Eggestaff, P.A. 1-27720
- Schultz, C.L. Solvable q-state models in lattice statistics and quantum field theory 1-50068
- Schultz, E., Felix, R. Fan-beam computerized tomography systems with rotating and with stationary detector arrays ('third' and 'fourth' generation) 1-49116
- Schultz, F. *see* Wittmaack, K. 1-32329
- Schultz, G., Hargittai, I., Domenicano, A. Molecular structure and ring distortions of p-dichlorobenzene as determined by electron diffraction 1-10842
- Schultz, G. *see* Ramanantsizchena, P. 1-23974
- Schultz, G. *see* Rozsondai, B. 1-29136
- Schultz, G.V. *see* Kreysa, E. 1-13872
- Schultz, G.V. *see* Olson, F.M. 1-9525
- Schultz, H. *see* Schwirtlich, I.A. 1-20194, 1-20195
- Schultz, H. *see* Tiuri, M. 1-27218
- Schultz, J. *see* Shanahan, M.E.R. 1-35424
- Schultz, J.M., Lin, J.S., Hendricks, R.W., Lagasse, R.R., Kepler, R.G. Temperature-dependent small-angle X-ray scattering from poly(vinylidene fluoride) 1-15882
- Schultz, J.M. *see* Petermann, J. 1-38305
- Schultz, L., Tsui, C.C., Yeh, J.T.C. Elimination of magnetic field background 1-50136
- Schultz, N., Summerson, W.A. Noise control for diesel engine generator sets 1-19512
- Schultz, P. *see* Sandstrom, D.R. 1-31228
- Schultz, P.C. Fabrication of optical waveguides by the outside vapor deposition process 1-11188
- Schultz, P.C. *see* Charlton, D. 1-46564
- Schultz, P.C. *see* Friebele, E.J. 1-6657
- Schultz, P.F. *see* Crabb, D.G. 1-14413
- Schultz, P.F. *see* Crosbie, E.A. 1-45340
- Schultz, P.H. *see* Poscolieri, M. 1-44478
- Schultz, R.J. *see* Hood, G.M. 1-35114
- Schultz, S., Gullikson, E.M., Fredkin, D.R., Tovar, M. Simultaneous ESR and magnetization measurements characterizing the spin-glass state 1-7939
- Schultz, T.D. Open questions in the physics of quasi-one-dimensional metals 1-30734
- Schultz, T.D. Physics in one dimension 1-42756
- Schultz von Dratzig, A. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Schultz-Grunow, F. Turbulence appearance in the case of vortex rings 1-37948
- Schultz-Grunow, F. Sudden transition to turbulence 1-42026
- Schultze, D. *see* Ryba-Romanowski, W. 1-26380
- Schultze, K. *see* Deden, H. 1-28311
- Schulz, B. *see* Nikolopoulos, P. 1-5881
- Schulz, G. Primary aberration-free imaging by three refracting surfaces 1-1502
- Schulz, G. *see* Becker, K. 1-33488
- Schulz, G. *see* Ronnpegel, D. 1-12829
- Schulz, G. *see* Stumpf, B. 1-10697
- Schulz, H., Wegner, G. Spectroscopy of suspected peculiar DA white dwarfs. II. Atmospheric parameters and radii 1-54494
- Schulz, H. *see* d'Amour, H. 1-28006
- Schulz, H. *see* Koto, K. 1-34332
- Schulz, H. *see* Sommer, R. 1-42482
- Schulz, H.J. Critical behavior of commensurate-incommensurate phase transitions in two dimensions 1-25405
- Schulz, H.J. Pinning of fluctuating charge-density waves in quasi-one-dimensional conductors 1-47511
- Schulz, H.J., Jerome, D., Ribault, M., Mazaud, A., Bechgaard, K. Pressure dependence of the organic superconductivity in $(\text{TMSTf})_2\text{PF}_6$ [quasi-one-dimensional conductor] 1-38879
- Schulz, H.-J. *see* Broser, J. 1-2927
- Schulz, I. *see* Barber, D.P. 1-28309
- Schulz, J.M. *see* Pinchak, A.C. 1-13282
- Schulz, P. *see* Burger, H. 1-51203
- Schulz, R., Behrisch, R., Scherzer, B.M.U. Trapping and mutual release of D and ^3He in molybdenum 1-25304
- Schulz, R.A. *see* Joseph, P.M. 1-26989
- Schulz, R.J. *see* Nath, R. 1-13292, 1-41275
- Schulz, S. *see* Sievers, U. 1-30350
- Schulz, W. The influence of dust on the AC breakdown voltage of a rod gap in air 1-15583
- Schulz, W.W. Removal of radionuclides from Hanford defense waste solutions 1-843
- Schulz-Dobrick, P. *see* Heinrichs, H. 1-40095
- Schulz-DuBois, E.O. Laser Doppler anemometry 1-51882
- Schulz-Gulde, E., Wenzel, A. Experimental F II/F I and S II/S I line transition probability ratios 1-6322
- Schulze, D. *see* Reibold, M. 1-21581
- Schulze, G.E.W. Modelling of one-dimensional crystallisation 1-20408
- Schulze, G.E.W., Pufahl, H. Model consideration on primary recrystallization in one dimension. II. All nuclei start simultaneously to grow with different rates. 2. Half: Strong anisotropy of growth 1-39348
- Schulze, G.E. *see* Werner *see* Werner Schulze, G.E.
- Schulze, J. *see* David, P. 1-50686
- Schulze, J. *see* Van Der Plicht, J. 1-10395
- Schulze, K. *see* Shemdin, O.H. 1-13480
- Schulze, O. *see* Sauthoff, G. 1-3752
- Schulze, P.D., Utley, D.L., Hance, R.L. Chemisorption of NO on Re studied by XPS 1-35152
- Schulze, R. *see* Lee, T.C. 1-15130
- Schulze, S. *see* Voigt, K. 1-40895
- Schulze, W., Abe, H. Density, refractive index and sorption capacity of solid CO_2 layers 1-25552
- Schulze, W., Abe, H. Optical and vibrational studies of silver molecules and microcrystallites prepared by matrix aggregation and gas aggregation techniques 1-45981
- Schulze, W. *see* Abe, H. 1-45969
- Schulze, W. *see* Manzel, K. 1-41383
- Schulze, W.A., Shrout, T.R., Jang, S.J., Sharp, S., Cross, L.E. Multilayer multichannel electromechanical transducers for optical applications 1-23202
- Schulze, W.A. *see* Bowen, L.J. 1-3683
- Schulze, W.A. *see* Shrout, T. 1-26128
- Schulze, W.A. *see* Shrout, T.R. 1-21408
- Schumacher, E. *see* Leutwyler, S. 1-33579
- Schumacher, E.R. *see* Taylor, M.J. 1-1689
- Schumacher, G., Klaunzner, S., Rentzsch, S., Vogl, G. Radiation-induced defects in amorphous $\text{Pd}_{40}\text{Si}_{20}$ 1-25690
- Schumacher, G. *see* Dalle Donne, M. 1-5887
- Schumacher, J.D., Reed, R.K. Coastal flow in the northwest Gulf of Alaska: the Kenai Current 1-27179
- Schumacher, J.D. *see* Kinder, T.H. 1-54121
- Schumacher, J.D. *see* Reed, R.K. 1-27169
- Schumacher, M., Rullhusen, P., Smend, F., Muckenheimer, W., Borner, H.G. The energy dependence of Delbruck scattering investigated at $Z=73, 82$ and 92 1-10378
- Schumacher, R. *see* Sprunken, H.-R. 1-39653
- Schumacher, R.I. *see* Menghini, R. 1-32192
- Schumacher, W. *see* Bowen, T. 1-15272
- Schumacher, W.L. IEC activity in fibre optic standardization 1-51631
- Schumaker, N.E. *see* Anthony, P.J. 1-6555, 1-37507, 1-38841
- Schumann, A.P. Carrier balloon trajectories in the stratosphere 1-22429
- Schumann, B., Kuhn, G., Tempel, A., Neumann, H., Muller, A., Leonhardt, G. Structural and electrical properties of CdS thin films evaporated onto GaAs substrates 1-34597
- Schumann, B. *see* Neumann, H. 1-38690
- Schumann, B. *see* Neumann, H. 1-42650
- Schumann, R. *see* Ziper, L. 1-27989
- Schumann, U. Fluid-structure interactions of the core barrel and the fuel rods during a loss-of-coolant accident 1-23783
- Schune, D. *see* Adamovich, M.I. 1-45317
- Schune, D. *see* Fiorino, A. 1-50583
- Schunich, B.F. *see* Simons, D.R. 1-28120
- Schunk, R.W. *see* Barakat, A.R. 1-46863
- Schunk, R.W. *see* Otley, J.A. 1-4695
- Schupfer, E. *see* Pfleger, P. 1-39053
- Schupfner, J. On the theory of thermally weighted electron-phonon transition probabilities 1-2580
- Schupita, W. *see* Magerl, G. 1-24140
- Schurath, U. *see* Bahe, F.C. 1-4553
- Schurenkamper, A. *see* Cambini, M. 1-5888
- Schurer, C. *see* Bewilogua, K. 1-53263
- Schurer, P.J., Morrish, A.H. Mossbauer recoilless fraction and atomic rearrangements in amorphous $\text{Fe}_{22}\text{Ni}_{36}\text{Cr}_{12}\text{P}_{12}\text{B}_8$ 1-39014
- Schurman, D.J. *see* Piziali, R.L. 1-17434, 1-49051
- Schurman, D.J. *see* Seering, W.P. 1-17435
- Schurmann, B. *see* Gregoire, C. 1-45547
- Schurmann, B. *see* Hartmann, K.M. 1-18674
- Schurmann, E., Kaiser, H.-P. On the melting equilibria of the iron-aluminum and iron-phosphorus alloys 1-31419
- Schurmann, J. *see* Ott, R. 1-35864
- Schurr, J.M. Time-dependent diffusion coefficients 1-46180
- Schurr, J.M. *see* Rabinovitch, B.S. (editor) 1-9789
- Schurr, K. Industrial temperature measurement accuracy is limited by calibration 1-259
- Schurrer, F. Successive approximation of the neutron flux distribution in spherical configurations 1-28612
- Schurrer, F. *see* Muller, H.J. 1-28610
- Schurtenberger, P. *see* Schmidt-Ott, A. 1-3569
- Schurz, H. *see* Wagendristel, A. 1-7488
- Schuss, J.J. Effect of magnetic field ripple on energetic ions in Alcator A 1-6995
- Schussler, F. *see* Jung, G. 1-36904
- Schussler, M. Flux tube dynamo approach to the solar cycle 1-13751
- Schussler, M. The solar torsional oscillation and dynamo models of the solar cycle 1-54437

- Schuster, G.B.A., Yeske, R.A., Altstetter, C.J. The effects of hydrogen on the creep rupture properties of Fe-Ni alloys 1-16877
- Schuster, H. see Bongartz, K. 1-25315
- Schuster, H.-E. Periodic Comet West-Kohoutek-Ikemura (1980) 1-13734
- Schuster, H.-E., Seitter, W., Durbeck, H. Supernova in NGC 1255 1-27546
- Schuster, H.G. see Kotzler, J. 1-42951
- Schuster, H.G. see Liebmann, R. 1-40718
- Schuster, H.-U. see Thronberens, W. 1-34288
- Schuster, J.C., Nowotny, H. The ternary system manganese-aluminum-carbon 1-39317
- Schuster, S.M. see Clark, D.D. 1-19205, 1-19206, 1-19207
- Schut, R.J. see Cooper, A.R., Jr. 1-11867
- Schut, W. see van Dijk, P.A.S. 1-18267
- Schutte, C.J.H. The temperature dependence of r_4 of the Raman band complex of polycrystalline ammonium perchlorate and ammonium-d₄ perchlorate 1-3409
- Schutte, D. see Ferchlender, W. 1-23570
- Schutte, D. see Heins, L. 1-5706, 1-28306
- Schutte, D. see Sawicki, M. 1-28204
- Schutte, G., Moller, P., Rayford Nix, J., Sierk, A.J. Fission with microscopic energy dispersion 1-18704
- Schutz, B.E., Tapley, B.D., Ries, J. Polar motion from laser range measurements of GEOS-3 1-44087
- Schutz, B.F. see Islam, J.N. 1-49710
- Schutz, J.U. von see von Schutz, J.U.
- Schutz, J.U. von see von Schutz, J.U.
- Schutz, R.J. see Nakahara, S. 1-12662
- Schutz, Y. see Byrski, T. 1-45396
- Schutz, Y. see Merdinger, J.P. 1-5691
- Schutz, Y. see Vivien, J.C. 1-45451
- Schuurmans, M.F.H. The fluorescence of atoms near a glass surface 1-6195
- Schwaab, P. see Petri, R. 1-31454
- Schwab, A.-M., Lambert, M., Voegel, J. Corrosion protection of aluminium alloy sheaths of compressed gas-insulated cables 1-37174
- Schwab, C. see Biellmann, J. 1-48156
- Schwab, C. see Loison, J.L. 1-3618
- Schwab, D.E., Kottick, D.M. High temperature strength of sintered α -SiC in salt and oxidizing environments 1-39363
- Schwab, F. see Porter, L.D. 1-32367
- Schwab, F.A.S. see Kendall, B.R.F. 1-23267
- Schwab, F.R. Adaptive calibration of radio interferometer data 1-54382
- Schwab, J. see Smigielski, P. 1-15348
- Schwab, N. see Wolff, I. 1-18255
- Schwabe, D., Scharmann, A. Thermocapillary convection in crystal growth melts 1-2374
- Schwabe, K. see Queck, Ch. 1-31871
- Schwabe, R. see Wilke, I. 1-12574
- Schwabl, F. Theory of elastic phase transitions and soft acoustic modes 1-11840
- Schwade, J. see Padikal, T.N. 1-22128
- Schwaiger, C. see Khara, S.K. 1-11792
- Schwalbe, L.A., Schiefer, D., Mills, R.L., Jones, L.H., Ekberg, S., Cromer, D.T., LeSar, R., Shaner, J. Solid nitrogen at pressures up to 410 kbar 1-38454
- Schwalbe, L.A. see Cromer, D.T. 1-34284
- Schwald, I. see Konermann, G. 1-43921
- Schwall, R.E. see Scudiere, J.D. 1-52733
- Schwallier, P. see Gabathuler, K. 1-23681
- Schwalm, D. see Emiling, H. 1-28368
- Schwalm, D. see LeVine, M.J. 1-41056
- Schwalm, D. see Nijssing, R. 1-5864
- Schwalm, D. see Ower, H. 1-45397
- Schwalm, D. see Piercey, R.B. 1-41030
- Schwalm, W.A. see Jezorski, B. 1-29076
- Schwalm, W.A. see Monkhurst, H.J. 1-47419
- Schwamb, C. see Aronson, M. 1-37226
- Schwan, H. see Perez Garde, M. 1-36241
- Schwan, H.P. Biomedical engineering and basic research: Historical perspectives 1-5072
- Schwan, L.O., Geigle, W., Nagel, W., Bauer, R., Stoll, H. EPR of (LiH)⁺ and (AgH)⁺ centers in KCl 1-3258
- Schwandt, P. see Meyer, H.O. 1-41096
- Schwandt, P. see Nadsen, A. 1-45507
- Schwanner, I., Abela, R., Backenstoss, G., Kowald, W., Pavlopoulos, P., Tauscher, L., Weyer, H.J., Blum, P., Dorr, M., Fetscher, W., Gotta, D., Guigas, R., Koch, H., Poth, H., Schmidt, G., Ullrich, H. Isotope effects in light pionic atoms 1-15041
- Schwanner, I. see Backenstoss, G. 1-5685
- Schwarz, H.P. see Harmon, R.S. 1-44207, 1-54194
- Schwartz, A. see Hinckley, S. 1-42422
- Schwartz, B. see Nagin, P.A. 1-53855
- Schwartz, B. see Schwartz, G.P. 1-16762, 1-21765, 1-35570
- Schwartz, D. see Offenhardt, P.O.D. 1-48892
- Schwartz, D.A. see Garcia, M. 1-4996
- Schwartz, D.A. see McCann, D.M. 1-5388
- Schwartz, D.B. see Nurmikko, A.V. 1-52494
- Schwartz, D.P. see Sean, F.H., III 1-49210
- Schwartz, G. see Bus, S.J. 1-27429
- Schwartz, G. see Manning, B. 1-27427
- Schwartz, G. see Shao, C.-Y. 1-40424, 1-49576
- Schwartz, G.C., Schaible, P.M. Reactive ion etching in chlorinated plasmas 1-31707
- Schwartz, G.P., Gualtieri, G.J., Griffiths, J.E., Thurmond, C.D., Schwartz, B. Oxide-substrate and oxide-oxide chemical reactions in thermally annealed anodic films on GaSb, GaAs, and GaP 1-35570
- Schwartz, G.P., Schwartz, B., Griffiths, J.E., Sugano, T. Interfacial reactions in plasma-grown native oxide-GaAs structures 1-21765
- Schwartz, G.P., Sunder, W.A., Griffiths, J.E. Raman scattering study of the thermal oxidation of InP 1-39477
- Schwartz, G.P., Thurmond, C.D., Kammlott, G.W., Schwartz, B. GaAs oxidation and the Ga-As-O equilibrium phase diagram 1-16762
- Schwartz, G.P. see Bondybey, V.E. 1-14904
- Schwartz, G.P. see Hebard, A.F. 1-52710
- Schwartz, H.S. see Kanter, P.M. 1-32197
- Schwartz, L. see Huisman, L. 1-30614
- Schwartz, L.H. see Choi, H.J. 1-21585
- Schwartz, L.H. see Quin, M.P. 1-26617
- Schwartz, L.J. see Stillman, A.E. 1-1259
- Schwartz, M., Fishman, S. Real space renormalization group study of the random bond Ising model 1-21320
- Schwartz, M. see Carlson, T.N. 1-44234
- Schwartz, M. see Maleknia, S. 1-51214
- Schwartz, M.H. see Brewer, W.H. 1-1050
- Schwartz, M.H. see Vallance, J.M. 1-45604
- Schwartz, M.I., Gagen, P.F., Santana, M.R. Fiber cable design and characterization 1-11116
- Schwartz, P.R. see Dollinger, R. 1-34146
- Schwartz, P.R. see Genzel, R. 1-19597
- Schwartz, P.R. see Matsakis, D.N. 1-22855
- Schwartz, R.B., Eisenhauer, C.M., Gilliam, D.M., Spiegel, V., Wasson, O.A. NBS neutron fields for personnel dosimetry calibration 1-14705
- Schwartz, R.B. see Fowler, J.L. 1-10593
- Schwartz, R.D. Comments on the relativistic ejection of QSOs from galaxies 1-27615
- Schwartz, R.D. High dispersion spectra of Herbig-Haro objects: evidence for shock wave dynamics 1-49747
- Schwartz, R.J., Lundstrom, M.S., Nasby, R.D. The degradation of high-intensity BSF solar-cell fill factors due to a loss of base conductivity modulation 1-53609
- Schwartz, R.W. see Faulkner, T.R. 1-2925
- Schwartz, S. see Taher, S.M.A. 1-25747
- Schwartz, S.H. see Riemer, J.B. 1-37985
- Schwartzberger, G.M. see Rawers, J.C. 1-43505
- Schwartzkopff, J. Similar signal processing in insects and birds 1-13620
- Schwarz, A. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Schwarz, A.S. see Holder, N.D. 1-41223
- Schwarz, D. The use of the small computer system KRS 4200 for spectra collection and analysis in ESR spectroscopy. IV. Simulation of isotropic hyperfine spectra 1-18263
- Schwarz, D., Klimes, N. Extension of an E-3 EPR spectrometer to detect the second and third harmonic of absorption in phase and out of phase 1-312
- Schwarz, D. see Wessel, R. 1-40896
- Schwarz, E. see Goetz, F. 1-10391
- Schwarz, E. see Marty, N. 1-23690
- Schwarz, E.J., Muller, J.E., Clark, K.R. Paleomagnetism of the Karmutsen basalts from southeast Vancouver Island 1-44100
- Schwarz, F. see Feyerbacher, D. 1-845
- Schwarz, G. see Fitzer, E. 1-2663
- Schwarz, H., Stahl, D. Unimolecular water loss from protonated alcohols in the gas phase: the effect of ion/dipole interactions on the isomerizations of incipient carbocations 1-17039
- Schwarz, H. see Follner, H. 1-20101
- Schwarz, H.P. see Longstaffe, F.J. 1-35952
- Schwarz, J.H. Algebraic structure of broken supersymmetry 1-457
- Schwarz, J.H. N=8 supergravity in various dimensions and the implications for four dimensions 1-5202
- Schwarz, J.H. Supersymmetry approach to the unification of interactions 1-18425
- Schwarz, K. Instability of stable negative ions in the X α method: a reply to a comment 1-6159
- Schwarz, K. see Redinger, J. 1-30632
- Schwarz, M., Gronager, J.E., Lipinski, R.J. Particle-bed heat removal with subcooled sodium: D4 analysis 1-45687
- Schwarz, R.B. High-temperature solid-solution strengthening studied through internal friction 1-21470
- Schwarz, R.B. Amplitude-dependent internal friction calculations for dislocations in alloys 1-38375
- Schwarz, S. see Braicovich, L. 1-16367
- Schwarz, S.A., Helms, C.R. New models of sputtering and ion knock-on mixing 1-31272
- Schwarz, S.A., Helms, C.R. An elementary model of neutral and ion sputtering yields 1-39209
- Schwarz, S. see Miller, J.N. 1-16104
- Schwarz, S.E. see Rutledge, D.B. 1-45017
- Schwarz, W. see Neumcke, B. 1-8833
- Schwarz, W.H. see Powell, R.L. 1-37977
- Schwarz, W.H.E. Initial and final state correlations in the photoelectron spectra of In and Tl atoms 1-28937
- Schwarz, W.H.E. see Bennewitz, H.G. 1-21706
- Schwarz, W.H.E. see Esser, M. 1-33382
- Schwarz, W.H.E. see Ishikawa, Y. 1-14799
- Schwarz, W.M. see Anderson, R.N. 1-27144
- Schwarzbauer, H. see Born, E. 1-25121
- Schwarzenberg-Czerny, A. see Hanes, D.A. 1-32709
- Schwarzenberg-Czerny, A. see Paczynski, B. 1-17870
- Schwarzenberger, R.L.E. see Jarratt, J.D. 1-7112
- Schwarzenegger, K.F. see Ikezi, H. 1-2150
- Schwarzl, S. see Stobiecki, F. 1-26386
- Schwebel, O., Gouesbet, G., Le Toulouzan, J.N., Darrigo, R. The G schemes of approximations to the thermal diffusion factors of Lorentzian and non-Lorentzian mixtures 1-42118
- Schwebke, C.J. see Brockman, H.L. 1-32967
- Schweda, M. see Piguet, O. 1-10103
- Schwed, H., Bette, L., Grillmaier, R., Hoffmann, W., Schieffer, H., Sternitzke, N. A new force vector ballistocardiograph 1-4372
- Schweer, B., Rusbuldt, D., Hintz, E., Roberto, J.B., Husinsky, W.R. Measurement of the density and velocity distribution of neutral Fe in ISX-B by laser fluorescence spectroscopy 1-25058
- Schweer, B. see Behrisch, R. 1-26335
- Schweer, B. see Hintz, E. 1-26336
- Schweer, B. see Pospieszczyk, A. 1-25061
- Schweer, H.-H. see Zick, R. 1-43949
- Schwegler, E.C., Jr. Cladding response to uniform radial compaction of Clinch River Breeder Reactor blanket rod bundles 1-18784
- Schweicher, E., Messiaen, A.M., Vandenplas, P.E. Low-frequency wave excitation by weak nonlinear interaction of two high-frequency pump waves. I. Theory 1-46868
- Schweicher, E., Messiaen, A.M., Vandenplas, P.E., Leprince, P. Low-frequency wave excitation by weak nonlinear interaction of two high-frequency pump waves. II. Experiments 1-46869
- Schweickert, H., Lorenz, W.J., Friedburg, H. Impedance measurements of the anodic iron dissolution 1-8576
- Schweidweiler, A. see Helsper, C. 1-48750
- Schweig, A., Thon, N., Neisen, S.F., Grezzo, L.A. Conformational study of 1,2-dimethylhexahydropyridazine by variable-temperature photoelectron spectroscopy 1-51241
- Schweiger, A., Gunthard, H.S. Electron nuclear double resonance with circularly polarized radio frequency fields (CP-ENDOR)—theory and applications 1-44974
- Schweiger, A., Rudin, M., Gunthard, H.H. Nuclear spin decoupling in ENDOR spectroscopy 1-10002
- Schweiger, A. see Rudin, M. 1-38976
- Schweighofer, M.G. see Crubellier, A. 1-45922
- Schweighofer, W. see Neeb, K.H. 1-50759
- Schweiner, H.C., Christophorou, L.G. Calculation of electric field-induced detachment rate of electrons from mononegative ions: relevance to gaseous dielectrics 1-11494
- Schweitz, J.-A. Hypervirial theorem for open dynamical assemblies in the density matrix representation 1-9856
- Schweitzer, G.K. see MacNaughton, R.M. 1-41430
- Schweitzer, I.G. see Blokhin, M.A. 1-43244
- Schweitzer, J.W. see Beeken, R.B. 1-25871
- Schweizer, C. see Jenny, B. 1-28486
- Schweizer, F., Middleditch, J. A hot blue star near the center of the remnant of supernova A.D. 1006 1-49693
- Schweizer, H., Forchel, A., Klingenstein, W. Thermodynamical properties of the electron-hole system outside the region of droplet formation in germanium 1-26264
- Schweizer, J., Tasset, F. Polarized neutron study of the RCo₂ intermetallic compounds. I. The cobalt magnetisation in YCo₂ 1-25882
- Schweizer, M., Straumann, N., Wipf, A. Post-Newtonian generation of gravitational waves in a theory of gravity with torsion 1-44809
- Schweizer, R. see Washburn, S. 1-2775
- Schweizer, W. see Neske, E. 1-31822
- Schwelling, P. On the fracture mechanisms in Al-Mg-Si-alloys 1-3916
- Schwendeman, R.H. Transient effects in microwave spectroscopy 1-10004
- Schwendeman, R.H. The line shape of power-broadened microwave transitions 1-37260
- Schwendiman, L.C. see Owarski, P.C. 1-41205
- Schwendimann, P. see Selloni, A. 1-41765
- Schwenk, A. see Gruninger, K.-D. 1-41405
- Schwenk, F.C. The SPS concept—an overview of status and outlook 1-53566
- Schwenk, G.A. see Bian, S. 1-10456
- Schwenkenbecher, K., Boyr, R., Resagk, H. Optical transitions at Ag centers in ZnS crystals 1-3444
- Schwentner, N. Dynamics of localized excitations from energy and time resolved spectroscopy 1-31163

- Schwenz, R.W., Geiger, L.C., Parson, J.M.
Beam-gas study of chemiluminescence from single collisions of group IIIa metals with F_2 1-48667
- Schwerdt, H., Constantinesco, A., Chambron, J.
Dynamic viscoelastic behaviour of the human tendon in vitro 1-35800
- Schwerdt, H. see Constantinesco, A. 1-44056
- Schwerdtfeger, C.F. see Graber, N. 1-21270
- Schwerling, F. see Whitman, G.M. 1-41544
- Schwertmann, U. see Murad, E. 1-39011
- Schwerzel, R.E. see Mallozzi, P.J. 1-45892
- Schwettmann, H.A. see Sandorfi, A.M. 1-14559
- Schwetz, K.A., Hoerle, M., Bauer, J. Contribution to the system europium-boron-carbon 1-16764
- Schwider, J. Superposition fringe shear interferometer 1-33042
- Schwieger, H., Dombrowski, H. The elastoplastic bending impulse on a beam 1-1847
- Schwierz, G., Lichtenberg, W., Fuhrer, K. Influence of the focal spot on CT image quality 1-43948
- Schwierz, K.P. Existence, uniqueness and asymptotic behaviour of coefficients function in 'Gortler series' for the transverse components on throwing cylinder 1-37874
- Schwiesow, R.L., Cupp, R.E. Calibration of a CW infrared Doppler lidar 1-9263
- Schwiesow, R.L., Cupp, R.E. Offset local oscillator for CW laser Doppler anemometry 1-49405
- Schwietz, T.C. see Cordell, K.R. 1-50596
- Schwill, S. see Zerull, R.H. 1-6432
- Schwimmer, A. see Banks, T. 1-14232
- Schwimmer, A. see Domany, E. 1-5237
- Schwimmer, A. see Frishman, Y. 1-33166
- Schwinnberg, P.B., Van Dyck, R.S., Jr., Dehmelt, H.G. Trapping and thermalization of positrons for geonium spectroscopy 1-37074
- Schwinnberg, P.B. see Van Dyck, R.S., Jr. 1-273
- Schwindt, H.J. Saving oil and hot water supply 1-21892
- Schwing, U., Hoffmann, B. ZnO single crystals with an intermediate layer of metal oxides—A macroscopic varistor model 1-3053
- Schwinger, I. Thomas-Fermi model: the leading correction 1-14817
- Schwink, Ch., Wille, Th. On the concentration dependence of stress equivalence in solid solution hardening 1-16796
- Schwink, Ch. see Ambrosi, P. 1-12828
- Schwink, Ch. see Flor, H. 1-26530
- Schwink, Ch. see Ronnpegel, D. 1-12829
- Schwink, Ch. see Wille, Th. 1-3856
- Schwirtlich, I.A., Schultz, H. Quenching and recovery experiments on molybdenum [vacancy properties] 1-20194
- Schwirtlich, I.A., Schultz, H. Quenching experiments on niobium [vacancy properties] 1-20195
- Schwirzke, F., Taylor, R.J. Surface damage by sheath effects and unipolar arcs 1-25000
- Schwirzke, F. see Taylor, R.J. 1-25075
- Schwitters, R.F. see Abrams, G.S. 1-10242, 1-50450
- Schwitters, R.F. see Dorfan, J.M. 1-41020
- Schwitters, R.F. see Himel, T.M. 1-18482
- Schwitters, R.F. see Scharre, D.L. 1-18485, 1-45292
- Schwittke, G.H. see Gessert, C. 1-3600
- Schwob, J.L. see Klapisch, M. 1-1159
- Schwoch, D. see Demaison, J. 1-24125
- Schwoerer, M., Huber, R.A., Hartl, W. Quintet states of organic molecules: magnetic energies, spin-states and ESR-selection rules 1-45996
- Schwoerer, M. see Eichele, H. 1-34941
- Schwutke, G.H. see Gessert, C. 1-48250
- Schwutke, G.H. see Yang, K. 1-2357
- Sciaccia, C. see Antreasyan, D. 1-10287
- Sciaccia, F.W., Sholtis, J.A., Jr., Williams, D.C. LMFBR accident delineation study: assessment of post-accident phenomenology 1-45699
- Sciaccia, F.W. see Williams, D.C. 1-45698
- Sciam, D.W. see Miller, J.C. 1-18116
- Sciammarella, C.A. see Chawla, S.K. 1-19284
- Sciarro, A. see Combe, Ph. 1-5461
- Sciesinska, E., Sciesinski, J. Far infrared study of solid tert-butanol 1-16035
- Sciesinski, J. see Sciesinska, E. 1-16035
- Scifres, D.F. see Burnham, R.D. 1-1741
- Scifres, D.R. see Fekete, D. 1-37502
- Scifres, D.R. see Streifer, W. 1-37493
- Scire, M. see Cockerill, D. 1-14742
- Sciremammano, F., Jr. The nature of the poleward heat flux due to low-frequency current fluctuations in Drake Passage 1-27184
- Sciulli, F. see Barish, B. 1-10192
- Seiver, S.W. Van see Van Seiver, S.W.
- Seiver, W.J. Van see Van Seiver, W.J.
- Sekopke, N. see Paschmann, G. 1-9329
- Sclater, J.G., Fisher, R.L., Patriat, P., Tapscott, C., Parsons, B. Eocene to recent development of the South-west Indian Ridge, a consequence of the evolution of the Indian Ocean Triple Junction 1-49248
- Sclater, J.G., Royden, L., Horvath, F., Burchfiel, B.C., Semken, S., Stegena, L. The formation of the intra-Carpathian basins as determined from subsidence data 1-22268
- Sclater, J.G., Tapscott, C. The depth of the Atlantic Ocean through time 1-54071
- Sclater, J.G. see Jaupt, C. 1-54025
- Sclater, J.G. see Tapscott, C.R. 1-9143
- Scobel, W. see Bissem, H.H. 1-5766
- Scobel, W. see Schmidt, R. 1-9023
- Scobey, R.P. Movement sensitivity of retinal ganglion cells in monkey 1-39918
- Scoles, G. see Anderle, M. 1-24235
- Scoles, G. see Bassi, D. 1-51266
- Scordari, F. The structure of γ_2 O and its relationship with the parent compound 1-42343
- Scott, A., Baker, F.T., Grimm, M.A., Jr., Johnson, J.H., Penumetcha, V., Styles, R.C., Love, W.G., Jones, W.P., Wiggins, J.D., Jr. Shapes of measured (ρ_{exp}) analyzing powers at 160 MeV for proton states in ^{90}Zr and neutron states in ^{92}Zr 1-5768
- Scott, A. see Baker, F.T. 1-28363
- Scott, A.J. see Grimsey, R.A. 1-6033
- Scott, A.M. see Dewhurst, R.J. 1-28897
- Scott, B.A., Brodsky, M.H., Green, D.C., Kirby, P.B., Plecenik, R.M., Simonyi, E.E. Glow discharge preparation of amorphous hydrogenated silicon from higher silanes 1-26392
- Scott, B.A. see Chaikin, P.M. 1-47624
- Scott, B.R., Hahn, F.F. A model that leads to the Weibull distribution function to characterize early radiation response probabilities 1-8915
- Scott, C.G. see Braithwaite, R.E. 1-7736
- Scott, D., Harvey, S.S.K., Blackwell, J. An exploratory investigation of lubricant-soluble molybdenum sulphur additives under conditions of rolling contact 1-35403
- Scott, D.K. Towards relativistic heavy ion collisions 'by small steps towards the stars' 1-14544
- Scott, D.K. see Back, B.B. 1-45552
- Scott, D.K. see Bini, M. 1-14541
- Scott, D.M. see Goebel, C. 1-33159
- Scott, D.M. see Halzen, F. 1-10269
- Scott, D.M. see Leveille, J.P. 1-541
- Scott, D.M. see Wielunski, L. 1-47396
- Scott, D.W. see Smith, N.K. 1-31899
- Scott, E.R.D. see Clarke, R.S., Jr. 1-17797
- Scott, G.A. see Rummary, T.E. 1-23773
- Scott, H.L., Lee, C.Y. The surface tension of lipid water interfaces: Monte Carlo simulations 1-38620
- Scott, H.L. see Lee, C.Y. 1-25531
- Scott, I. see Davis, J.K. 1-49168
- Scott, J.B. see Fuller, S.D. 1-22035
- Scott, J.C. Inexpensive photographic transparency digitiser 1-28085
- Scott, J.C., Pedersen, H.J., Bechgaard, K. Magnetic properties of the organic conductor bis-tetramethyltetraselenavalene hexafluorophosphate ($\text{TMTSF}_2\text{PF}_6$): a new phase transition 1-30909
- Scott, J.C. see Bastuscheck, C.M. 1-38899
- Scott, J.D. see McGlynn, S.P. 1-37170
- Scott, J.F. The long time asymptotics of solutions to the generalized Burgers equation 1-24827
- Scott, J.F. Uniform asymptotics for spherical and cylindrical nonlinear acoustic waves generated by a sinusoidal source 1-41902
- Scott, J.F., Toms, D.J., Le Si Dang, Lee, K.M., Watkins, G.D., Choyke, W.J. Magneto-Raman scattering from Al acceptors in SiC 1-48048
- Scott, J.F. see Greer, A.L. 1-34483
- Scott, J.G. see Grogan, D. 1-6083
- Scott, J.S., Holman, G.D., Ionson, J.A., Papadopoulos, K. The heating of gas in clusters of galaxies by relativistic electrons: collective effects 1-9644
- Scott, J.S. see Hill, J.M. 1-49521
- Scott, J.S. see Hintzen, P. 1-9682, 1-49828
- Scott, J.S. see Marscher, A.P. 1-49488
- Scott, K.F., Phillips, C.S.G. The characteristics of a Zirconia solid electrolyte detector for oxygen 1-21811
- Scott, L.F. see Perlmutter, A. (editor) 1-44712
- Scott, M.D., Williams, J.O., Goodfellow, R.C. Growth of lattice-matched $\text{ZnSe}_{1-x}\text{S}_x$ epitaxial layers and $\text{ZnSe}/\text{ZnSe}_{1-x}\text{S}_x$ multilayers on (100) GaAs substrates 1-12667
- Scott, M.D., Williams, J.O., Goodfellow, R.C. Epitaxial growth of ZnSe on (100) GaAs by open-tube transport of elemental vapours in H_2 flows 1-35185
- Scott, M.G. see Kurumovic, A. 1-15943, 1-25472, 1-43399
- Scott, M.J., Cousins, T. Turbine insertion flowmeters: their application reviewed 1-46826
- Scott, M.P. see Kins, G. 1-48594
- Scott, N.A. see Poc, M.M. 1-44264
- Scott, N.S., Burke, P.G. Electron scattering by atoms and ions using the Breit-Pauli Hamiltonian: an R-matrix approach 1-10848
- Scott, N.S. see Bell, K.L. 1-24016
- Scott, P.B. see Brook, J.W. 1-45716
- Scott, P.F. A 31-GHz map of W3 (OH) with a resolution of 0.3 arcsec 1-44617
- Scott, R.A. A note on wave propagation in bone 1-24548
- Scott, R.A. see Ma, T.-C. 1-19611
- Scott, R.B. see Tiezzi, L.J. 1-22289
- Scott, R.D. K-shell ionisation in the positron decay branch of ^{64}Cu 1-5738
- Scott, R.F. see Hutton, R.E. 1-49555
- Scott, R.F. see Kosloff, D. 1-35962
- Scott, R.G. see Hayatsu, R. 1-44515
- Scott, R.L. see Knobler, C.M. 1-38501
- Scott, R.L. see Pica, A.J. 1-22911
- Scott, R.L. see Van Konynenburg, P.H. 1-52254
- Scott, R.M. see Schwand, W. 1-17497
- Scott, S.M. see Jung, G. 1-36904
- Scott, V.D. see Adels, J.L. 1-3840
- Scott, W. Nuclear power and the science curriculum 1-9816
- Scott, W. see Calvetti, M. 1-14778
- Scott, W.G. see Allen, P. 1-14367, 1-36856, 1-36857
- Scott, W.G. see Blietschau, J. 1-10190
- Scott, W.G. see Grassler, H. 1-50414
- Scott Davis, D. see Larson, H.P. 1-9415
- Scott Hansen, J. Ray-tracing programs for spherical and aspherical surfaces 1-33785
- Scott, W.A. see Yarwood, J. 1-33040
- Scott-Monck, J.A., Stella, P.M., Berman, P.A. The applicability of DOE solar cell and array technology to space power 1-48857
- Scotti, R.E. see Comaskey, B. 1-41789
- Scouloudi, H. see Gurd, F.R.N. 1-8793
- Scoville, C.E. The 'AAVSO Variable Star Atlas' 1-13704
- Scoville, N. see Brackmann, E. 1-49833
- Scoville, N. see Cimerman, R. 1-9495
- Scoville, N.Z., Krotkov, R., Wang, D. Collisional and infrared radiative pumping of molecular vibrational states: the carbon monoxide infrared bands 1-27573
- Scoville, N.Z. see Goldsmith, P.F. 1-9617
- Scoville, N.Z. see Krotkov, R. 1-27574
- Scowen, G.D. Computer procedures and experimental study of fibre reinforced composite 1-3818
- Scrags, T. see Allen, D.C. 1-10705
- Scranton, J. see Kosloff, D. 1-35962
- Scrimaglio, L., Goodman, F.O. The CCGM theory applied to the scattering of atoms by a one-dimensional stationary sinusoidal hard wall 1-48215
- Scrubano, A. see Amendolia, S.R. 1-18959, 1-18960, 1-18961
- Scribner, A. Possibilities for treating and handling remote sensing data by use of microcomputers and microprocessors 1-49395
- Scrimaglio, L., Capiani, G.P. 1-23936
- Scrimshire, D.A., Loughane, R.J. A computer program for the simulation of gas transport and mixing in the human lung 1-35791
- Scriven, L.E. see Brown, R.A. 1-34548
- Scriven, L.E. see Carey, B.S. 1-38616
- Scriven, L.E. see Davis, H.T. 1-42276
- Sicrocco, E. see Ghio, C. 1-19026, 1-19027
- Sicrocco, E. see Miertus, S. 1-45877
- Sicrosati, B. see Razzini, G. 1-8698
- Scrubby, C.B., Dewhurst, R.J., Hutchins, D.A., Palmer, S.B. Quantitative studies of thermally generated elastic waves in laser-irradiated metals 1-42471
- Scrubby, C.B. see Wadley, H.N.G. 1-8505, 1-39547
- Scudder, J.D. see Sittler, E.C., Jr. 1-17750
- Scudder, J.K. see Hawke, R.S. 1-36675
- Scudiere, J.A., Schwall, R.E., Mortensen, K.A., Hazelton, D.W., Zeitlin, B.A. Physical, mechanical and electrical properties of MF NbTi superconductors 1-52733
- Scudieri, F. see Bertolotti, M. 1-46335
- Scudieri, F. see Bertolotti, M. 1-1708
- Scudlaire, R. Distribution of energy in stellar non-radial oscillations 1-27484
- Scudlaire, R. see Boury, A. 1-27471
- Scudlaire, R. see Gabriel, M. 1-27488
- Sculfor, J.L. see Etcheberry, A. 1-13144
- Scully, J.P. The interaction of strain-rate and reprecipitation rate in stress corrosion crack propagation 1-48555
- Scully, J.C. see Rudd, W.J. 1-16948
- Scully, M. see Rogovin, D. 1-3110, 1-7786, 1-42921
- Scully, M.O. On quantum beat phenomena and the internal consistency of semiclassical-radiation theories 1-14282
- Scully, M.O. see Anderson, D.Z. 1-6582
- Scully, M.O. see Boley, C.D. 1-40743
- Scully, M.O. see Hai-wong Lee 1-1312
- Scully, M.O. see Hopf, F.A. 1-10957
- Scully, M.O. see Weng, W. Chow 1-1614
- Scully, M.O. see Zubairy, M.S. 1-44996
- Scully, M.O. see Jacobs, S.F. (editor) 1-9768
- Sdanevich, N.A. see Tishchenko, F.M. 1-39992
- Sdobnov, V.E. Spectral sensitivity of lead-free neutron monitor for differing geometry of the device 1-36189
- Sdouz, G. see Kamelander, G. 1-33338
- Se Yong Oh, Yong-Hoon Kim High temperature corrosion of 18-8 stainless steel by V_2O_5 1-12927
- Se-Ho Oh, Yeon-Ik Choi, Yong-Se Kwon, Chong-Ki Kim Etched profiles of SiO_2 layer 1-53312
- Seab, C.C. see Snow, T.P., Jr. 1-49772

- Seabaugh, A.C., Mattauch, R.J. Removal of the high-resistivity layer at the n on n^+ liquid phase epitaxial GaAs layer-substrate interface by controlled in situ etch-back 1-43554
- Seaborg, G.T. Our heritage of the elements 1-2
- Seaborg, G.T. The new elements 1-10854
- Seaborg, G.T. *see* Aleklett, K. 1-45527
- Seaborg, G.T. *see* Loveland, W. 1-41090
- Seabury, C.W., Rhodin, T.N., Traum, M.M., Benbow, R., Hurych, Z. Angle-resolved polarization-dependent photoemission studies of carbon monoxide on iridium surfaces 1-3576
- Seabury, C.W. *see* Jensen, E.S. 1-3575
- Seader, J.D. *see* de Nevers, N. 1-17184
- Seager, C.H., Pike, G.E. Anomalous low-frequency grain-boundary capacitance in silicon 1-30736
- Seah, M.P. Quantitative Auger electron spectroscopy: Modulating the spectrometer 1-5446
- Seah, M.P. Quantitative Auger electron spectroscopy: Via the energy spectrum or the differential? 1-8639
- Seah, M.P. The quantitative analysis of surfaces by XPS. A review 1-53056
- Seah, M.P. *see* Hunt, C.P. 1-43237
- Seah, M.P. *see* Lea, C. 1-31246
- Seal, R.H. *see* Kuroda, R. 1-41516
- Sealock, L.J., Jr. *see* Schiefelbein, G.F. 1-35668
- Sealock, R.M., Caplan, H.S., Lolos, G.J., Haxton, W.C. Low energy angular distributions for the $^{12}\text{C}(\pi^-, \pi^0)\text{e}^-$ reaction 1-50591
- Sealock, R.M. *see* Lolos, G.J. 1-50585
- Sealy, B.J. *see* Gecim, H.S. 1-12125
- Sealy, B.J. *see* Sadana, D.K. 1-11779
- Seaman, C.H. *see* Margolis, J.S. 1-40224
- Seaman, G.V.F. *see* Olson, G.B. 1-53948
- Seaman, R.L., Burdette, E.C. Sounds produced by the localized absorption of pulsed microwave energy 1-15358
- Seaman, W.A. *see* Raiden, J.R. 1-21643
- Seamon, R.E. *see* Estes, G.P. 1-50964
- Seamons, L.O. *see* Moeller, C.E. 1-13085
- Sean, F.H., III, Schwartz, D.P., Cluff, L.S. Recurrence of moderate to large magnitude earthquakes produced by surface faulting on the Wasatch fault zone, Utah 1-49210
- Sequist, E. *see* Seward, F. 1-9533
- Sequist, E.R., Gilmore, W., Nelson, G.J., Payten, W.J., Slee, O.B. The quiescent radio spectrum of SS 433 1-22819
- Sequist, E.R. *see* Gilmore, W. 1-22811
- Searcy, A.W. *see* Beruto, D. 1-3678
- Searcy, A.W. *see* Powell, E.K. 1-12992
- Searle, C.W. *see* Kunkel, H.P. 1-39007
- Searle, C.W. *see* Maartens, I. 1-38958
- Searle, L., Wilkinson, A., Bagnuolo, W.G. A classification of star clusters in the magellanic clouds 1-9584
- Searle, R. Tectonic pattern of the Azores spreading centre and triple junction 1-32398
- Sears, D.W. Formation of E chondrites and aubrites—a thermodynamic model 1-22745
- Sears, D.W., Grossman, J.N., Melcher, C.L., Ross, L.M., Mills, A.A. Measuring metamorphic history of unequilibrated ordinary chondrites 1-9440
- Sears, D.W., McKeever, S.W.S. Measurement of the thermoluminescence sensitivity of meteorites 1-49583
- Sears, D.W. *see* McKeever, S.W.S. 1-54433
- Sears, D.W. *see* Rambaldi, E.R. 1-9441
- Sears, F.M., Bonner, B.P. Ultrasonic attenuation measurement by spectral ratios utilizing signal processing techniques 1-54078
- Sears, F.W., Zemansky, M.W., Young, H.D. College physics 1-49892
- Sears, J.O. *see* Haase, D.G. 1-7410
- Sears, R.E.J. ^{27}Al nuclear-magnetic shielding in aluminum group-V semiconductors 1-3278
- Sears, T.J. *see* Bondyby, V.E. 1-4107
- Sears, T.J. *see* Brown, J.M. 1-10760
- Sears, V.F. Lasers for inertial confinement fusion research 1-33349
- Seary, A.J. *see* Crozier, E.D. 1-3535
- Seaton, C.T. *see* Miller, D.A.B. 1-46426
- Seaton, M.J. Spectra of gaseous nebulae 1-44619
- Seaton, M.J. *see* Castor, J.I. 1-44572
- Seaton, M.J. *see* Saraph, H.E. 1-13681
- Seaver, M. *see* Parmenter, C.S. 1-29017
- Sebach, D.I. Fast-response atmospheric-pollutant monitor 1-39859
- Seban, R.B. *see* Sun, K.H. 1-5941
- Sebastian, K.J. Relativistic corrections to the electric dipole and the magnetic dipole single photon transition amplitudes of a composite system 1-19304
- Sebastian, K.L. *see* Grimley, T.B. 1-12610
- Sebastian, L. *see* Lochner, K. 1-52598
- Sebastian, P.J., Sathianandan, K. Donor concentration dependence of the emission peak in rhodamine 6G—Rhodamine B energy transfer dye laser 1-15167
- Sebastian, R. *see* Schaefer, T. 1-51223
- Sebastiani, F. *see* Esposito, B. 1-36868
- Sebastyan, N. *see* Zieber, V. 1-35110
- Sebata, M. *see* Sera, K. 1-24265
- Sebata, M. *see* Yamadera, A. 1-26349
- Sebenne, C. *see* Bensoussan, M. 1-39218
- Sebestyen, A. Einstein's theory recovered 1-50014
- Sebestyen, T. Thin phase epitaxy of III-V compound semiconductors 1-8223
- Sebestyen, T., Lendvai, E., Gorog, T. Quick and automatic determination of the dopant concentration profile of GaAs epitaxial layers 1-7481
- Sebil'shnyuk, K. *see* Ben Brakham, A. 1-660
- Sebkou, S.E., Klimashin, V.P. Stabilized balanced optical detector 1-40856
- Sebkou, V.P. *see* Aleksin, V.F. 1-2225
- Sebkova, J., Beranek, M. The surface tension of Pb-Sb alloys 1-11958
- Sebkova, J., Beranek, M. Thermodynamic properties of Pb-Sb-Sn alloys measured by the EMF method 1-48326
- Sebo, P. *see* Sorsorov, M.C. 1-48405
- Sebrant, A.Yu. *see* Anisimov, V.N. 1-33711
- Sebyakin, Yu.N. *see* Devdariani, A.Z. 1-29093
- Sechenov, D.A., Bessyatyov, V.V., Arushanov, A.P., Basov, N.I. Surface structure after electric-spark treatment 1-43550
- Sechi-Zorn, B. *see* Berger, C. 1-5636, 1-10209
- Sechi-Zorn, B. *see* Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Sechovsky, V., Smetana, Z., Hilscher, G., Gratz, E., Sassi, H. Onset of ferromagnetism in $\text{U}(\text{Co}, \text{Ni})_{1-x}$ 1-47887
- Sechovsky, V., Wiesinger, G., Toul, J. Magnetization and Mossbauer studies of $(\text{U}, \text{Zr})_{1-x}\text{Fe}_2$ 1-52806
- Sechovsky, V. *see* Gratz, E. 1-12271, 1-25898
- Sechrist, C.F. *see* Gardner, C.S. 1-4607
- Sechrist, C.F., Jr. *see* Shelton, J.D. 1-44352
- Seckel, W. Diffusion from boron-implanted layers 1-7197
- Secor, D.T., Jr. *see* Snoke, A.W. 1-44130
- Secrest, D. *see* Buck, U. 1-46064
- Secrest, D. *see* McLenithan, K. 1-1313
- Secrest, D. *see* Malik, D.J. 1-10806
- Secroun, C., Barbe, A., Jouve, P., Arcas, P., Arie, E. Intensity of the ν_1 band of ozone from a study of its anomalous dispersion at $10\ \mu\text{m}$ 1-45952
- Secroun, C. *see* Marche, P. 1-36028
- Seda, J. *see* Musilek, L. 1-6114, 1-20261
- Sed Ahmed, G.H. *see* Iskander, S.S. 1-16977
- Seddon, W.A. *see* Hilborn, J.W. 1-32000
- Sedefian, L. On the vertical extrapolation of mean wind power density 1-4587
- Sedefian, L., Bennett, E. A comparison of turbulence classification schemes 1-13502
- Sedel'nikov, A.I. *see* Probozhenskii, N.G. 1-45907
- Sedgbeer, J. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Sedgwick, T.O. *see* Suran, G. 1-12367
- Sedlacek, R.S. *see* Uran, M. 1-39884
- Sedlacek, W.A. *see* Berg, W.W. 1-36031
- Sedlak, J. *see* Batyunya, B.V. 1-600
- Sedlak, J.M., Austin, J.F., LaConti, A.B. Hydrogen recovery and purification using the solid polymer electrolyte electrolysis cell 1-32054
- Sedlak, J.M., Lawrance, R.J., Enos, J.F. Advances in oxygen evolution catalysis in solid polymer electrolyte water electrolysis 1-43669
- Sedletskaia, N.S. *see* Lebedeva, E.V. 1-25922
- Sedmak, G. *see* Rusconi, I. 1-17839
- Sedmak, S., Radovic, A., Nedeljkovic, Lj. The strength of welds in HSLA steel after initial plastic deformation 1-53253
- Sedmalis, Yu.Ya. *see* Lagzdons, Yu.L. 1-47654
- Sedov, B.M. *see* Danilov, S.V. 1-1588
- Sedov, L.I. On a description of dynamical properties of the gravitational field in vacuum 1-126
- Sedov, L.I., Tsypkin, A.G. On the construction of models of continuous media interacting with an electromagnetic field 1-24310
- Sedov, N.Ya., Shishkina, G.A., Bezmyannyykh, B.M., Pershikova, T.M. Germanium X-ray spectrometer 1-995
- Sedov, V.M., Krukovich, P.G., Nemirov, N.V., Bliznyuk, N.A. State of metal surfaces after various chemical actions during start-up of atomic power plant 1-28602
- Sedov, V.M., Krukovich, P.G., Vologdina, G.P., Loshkova, L.I., Eperin, A.P., Rogov, K.D., Shavlova, T.S. Chemical-engineering plant for nuclear power stations containing RBMK-1000 reactors 1-28597
- Sedov, V.M., Rybal'chenko, I.L., Anan'ev, E.P. Research and development in water treatment for nuclear power stations 1-28528
- Sedykh, V.D. *see* Kirillov, P.K. 1-994
- Sedzimir, J., Bujanska, M. The corrosion of copper in copper (II)-ammonium sulphate solutions: the influences of ammonia concentration of temperature and of the substitution of sulphates by carbonates 1-48556
- See, B.A. Pulse transmission mode laser 1-51511
- See Yee-Chung *see* Yee-Chung See
- Seeburger, F. *see* Muller, G. 1-26712
- Seebok, R. *see* Hoth, S. 1-52536
- Seeburner, H. *see* Hanna, D. 1-41015
- Seeburner, H. *see* Irion, J. 1-50475
- Seed, L.J. The preparation of fragile protoplasts for electron microscopy 1-27033
- Seefeld, H. *see* von Seefeld, H.
- Seeger, A. On the theory of the diffusion of gold into silicon 1-20472
- Seeger, A. *see* Gosele, U. 1-25501
- Seeger, A. *see* Peretti, H.A. 1-31543
- Seeger, A. *see* Teichler, H. 1-47276
- Seeger, P.A. Optimization of geometric resolution in small-angle scattering 1-23966
- Seeger, R. *see* Pople, J.A. 1-10675
- Seeger, T., Heuler, P. Generalized application of Neuber's rule 1-46679
- Seeger, T. *see* Cornec, A. 1-41985
- Seeger, U. *see* Pople, J.A. 1-10675
- Seegmiller, E. *see* Sze, R.C. 1-41666
- Seegmiller, H.L. *see* Viswanath, P.R. 1-46754
- Seehase, H. Plasma-sprayed evaporation crucible 1-53104
- Seehra, M.S. *see* Dalal, N.S. 1-47935
- Seehra, M.S. *see* Jagadeesh, M.S. 1-25728, 1-42950, 1-52778
- Seehra, M.S. *see* Kondal, S.C. 1-25919
- Seeker, W.R., Lester, T.W., Merkl, J.F. Shock tube techniques in the study of pulverized coal ignition and burnout 1-26744
- Seel, M. Disordered systems [electronic properties] 1-20613
- Seel, M. *see* Bagus, P.S. 1-53053
- Seeley, J.S., Hunneman, R., Whatley, A. Far infrared filters for the Galileo-Jupiter and other missions 1-40350
- Seelig, F.F. Unrestricted harmonic balance—a general method to evaluate periodic structures in time and/or space or arbitrary stability for non-linear chemical reaction and reaction-diffusion systems. I. Theory and computer program for time-dependent systems 1-8534
- Seely, J.F., Dixon, R.H., Elton, R.C. Density-dependent excitation rate for the $2p^2\text{P}$ dielectronic satellite line in a laser-produced carbon plasma 1-51956
- Seely, J.F. *see* Lunney, J.G. 1-38149
- Seeman, P.R., Okunewick, J.P., Brozovich, B. Rauscher leukemia as a model for cancer therapy studies. I. Response to acute and fractionated irradiation 1-26964
- Seeman, V., Reifman, S., Lehto, T., Haldre, U. Family of O_2^- centres in SrO crystals 1-34939
- Seering, W.P., Piziali, R.L., Nagel, D.A., Schurman, D.J. The function of the primary ligaments of the knee in varus-valgus and axial rotation 1-17435
- Seering, W.P. *see* Piziali, R.L. 1-17434
- Seeselman, W. *see* Conrad, H. 1-21315
- Seestrom-Morris, S.J. *see* Morris, C.L. 1-50498
- Seetharaman, M. *see* Mathews, P.M. 1-5470
- Seetharaman, V., Sundaraman, M., Krishnan, R. Precipitation hardening in a PH 13-8 Mo stainless steel 1-53193
- Seetzen, J. *see* Franzen, R. 1-35618
- Sefcik, J.A., Driscoll, M.J., Lanning, D.D. Evaluation of core designs and fuel management strategies for improved uranium utilization 1-45601
- Sefcik, M.D. *see* Tanner, D.P. 1-32047
- Seferiades, E. *see* Anderson, J.C. 1-43259
- Sega, I. *see* Prelovsek, P. 1-38902
- Segal, A. The contribution of reciprocal lattice vectors to processes of phonon-phonon interaction and lattice thermal conductivity 1-16114
- Segal, B. *see* Kheirallah, H.N. 1-54162
- Segal, H.R., de Winter, T.A., Stekly, Z.J.J., Hemachalam, K. The use of NbTiTa as a high field superconducting alloy 1-47827
- Segal, H.R., Stekly, Z.J.J., de Winter, T.A. Development of critical current measurement standards 1-44952
- Segal, H.R. *see* Thome, R.J. 1-48880
- Segal, I.E. Decay processes and the quantization of non-unitarizable representations of causal groups 1-5465
- Segal, I.E., Segal, W. The X-ray luminosity-redshift relationship of quasars 1-13881
- Segal, I.E. *see* Nicoll, J.F. 1-49820
- Segal, V.M. *see* Reznikov, V.I. 1-30301
- Segal, W. *see* Nicoll, J.F. 1-49820
- Segal, W. *see* Segal, I.E. 1-13881
- Segall, A., Baruch, M. A nondestructive dynamic method for the determination of the critical load of elastic columns 1-33937
- Segall, B. *see* Glotzel, D. 1-20621
- Segall, P., Pollard, D.D. Mechanics of discontinuous faults 1-13404
- Segall, R.L. *see* Jones, C.F. 1-30400
- Segall, S.B. *see* Hiddleston, H.R. 1-10974
- Segami, A. *see* Mizushima, J. 1-29656
- Seganov, I. *see* Filipov, P. 1-7089
- Segar, A.M. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Segar, D.A., Cantillo, A.Y., Sturgeon, R.E., Bernman, S.S., Desaulniers, A., Russell, D.S. Exchange of comments on determination of iron, manganese, and zinc in seawater by graphite furnace atomic absorption spectrometry 1-21800
- Segard, B., Carpentier, J.M. Millimetre polarisation spectrometer for paramagnetic gas molecules 1-50182
- Segaud, C. *see* Bererhi, A. 1-30034
- Segawa, K. *see* Hikita, H. 1-14443

- Segawa, Y., Aoyagi, Y., Baba, T., Namba, S.
Determination of dispersion curves of excitonic polariton in CdS 1-47501
- Segebrecht, U. Pumping of dry air and of saturated air-water vapour mixture with liquid ring vacuum pumps 1-50148
- Segel, R.E. see Bowles, T.J. 1-41144
- Segel, R.E. see McKeown, R.D. 1-28499
- Segel, R.E. see Mayer, W. 1-18567
- Segel, R.E. see Raghunathan, K. 1-18660
- Segel, R.E. see Rehm, K.E. 1-50641
- Segel, S.L. Cation quadrupole couplings in alkali metal nitrates: rubidium, cesium, and potassium 1-12424
- Segel, S.L. see Brown, R.J.C. 1-15839
- Segel, S.L. see Teitsma, A. 1-30456
- Seger, G., Kochanski, E. Dispersion energy between closed-shell and half-closed-shell molecules. An ab initio calculation from a perturbation procedure on LiHe 1-28851
- Seger, G. see Mullaney, P.F. 1-35862
- Segers, D., Dorikens, M., Dorikens-Vanpraet, L. Evidence for positron trapping in magnesium from Doppler broadening measurements 1-42725
- Segers, D. see Dorikens-Vanpraet, L. 1-991, 1-33082
- Segev, A., Collier, R.P. The effect of steam condensation on ECC penetration 1-5940
- Segev, A., Collier, R.P., Flanagan, L.J. Experimental study of hot-wall effects on liquid flow 1-5939
- Seger, M. A rational approximation for the escape probability from a rod with an annular absorber 1-10409
- Segev, M. An equivalence relation for a lattice of annular absorbers 1-45569
- Seger, M., Fahima, Y. Inclusion of pre-compound scattering in evaluation formulae for $\sigma_{n,2n}(E)$ and $\sigma_{n,3n}(E)$ 1-33259
- Seggern, D. von see von Seggern, D.
- Seggern, D.H. von see von Seggern, D.H.
- Seggern, D.H. von see von Seggern, D.
- Seggern, H. von see von Seggern, H.
- Seggern, J., Tscherisch, K.G. Surface composition of high-nickel alloy after the impingement of atomic hydrogen at different temperatures 1-26342
- Seglar, P., Fisher, M.E. Cubic fields, bicritical crossover, the spherical and van der Waals limits 1-34883
- Segler, S. see Barish, B. 1-10192
- Segmüller, A., Angeliolo, J., La Placa, J. Automatic X-ray diffraction measurement of the lattice curvature of substrate wafers for the determination of linear strain patterns 1-42660
- Segmüller, A. see Nicklow, R.M. 1-42984
- Segmüller, A. see Spiller, E. 1-40911
- Segmüller, A.P. see Angeliolo, J. 1-47406
- Segner, J. see Campbell, C.T. 1-35569
- Segner, J. see Frenkel, F. 1-33497
- Segoufin, J., Patriat, P. Mesozoic anomalies in the Somali Basin. Inferences concerning the relationships between Africa-Antarctica-Madagascar 1-44097
- Segre, C.U. see Braun, H.F. 1-7772
- Segre, E.R.A. see Voslamber, D. 1-19055
- Segre, G., Turner, M.S. Baryon generation, the K-M mechanism, and minimal SU(5) 1-50362
- Segre, U. see Nordio, P.L. 1-14945
- Seguel, G.V. see Contreras, J.G. 1-15883
- Segui, Y. see Aktik, M. 1-7741
- Segui, Y. see Herchenroder, P. 1-31103
- Seguin, F.H. see Chase, R.C. 1-51988
- Seguin, H. see Burghardt, B. 1-6088
- Seguin, H. see Faszter, W. 1-33706
- Seguin, M.K. The southern extension of the Labrador Trough; paleomagnetism of the ironstones 1-22202
- Seguin, M.K. Prospecting of direct shipping iron ore by geophysical methods 1-32546
- Segur, H. Resonant interactions of surface and internal gravity waves 1-29711
- Segur, H. see Ablowitz, M.J. 1-11416
- Segur, P., Youfi, M., Marode, E. A self consistent microscopic study of the cathodic zone of a helium-mercury discharge 1-15163
- Segur, P. see Davies, A.J. 1-15718
- Segura, M. see Irbay, H.H. 1-23826
- Seguret, M. see Juteau, T. 1-27151
- Seh, M., Nowik, I. Magnetostriuctive effects at a spin reorientation transition in a cubic crystal [Mossbauer study] 1-47924
- Sehdev, K.K. see Rogers, G.L. 1-19273
- Sehgal, B.R., Duffey, R.B., Loewenstein, W.B. Post-TMI thermal-hydraulic aspects of LWR safety analysis 1-28667
- Sehgal, B.R. see Naser, J.A. 1-5949, 1-50805
- Sehgal, B.R. see Pratap Vanka, S. 1-28539
- Sehgal, L.M. Neutrinos and nucleon structure 1-10217
- Sehgal, L.M. Probing neutral currents with leptons 1-45197
- Sehgal, M.L. see Agrawal, H.M. 1-28474
- Sehgal, M.L. see Ansari, M.A. 1-14497
- Sehmel, G.A. Particle and gas dry deposition: a review 1-21946
- Sehra, J.S. see Sen, A.K. 1-17301
- Sehra, P. see Xanthakis, J. 1-54166
- Seibel, F.T. Interactive diagnostics in magnetic fusion research 1-28693
- Seiberg, N. see Harari, H. 1-28280, 1-50347
- Seibert, E. see von Stackelberg, U. 1-13446
- Seibt, E. see Broadbeck, T. 1-42903
- Seid-Rzaeva, S.M. see Gashimzade, F.M. 1-20740
- Seidel, G. Application of the GABHYD ground-water model of the Great Artesian Basin, Australia 1-4545
- Seidel, H.F., Texter, R.E. Automatic 35-mm slide duplicator 1-36753
- Seidel, J.C. see Thomas, D.D. 1-26872
- Seidel, M., Hobert, H. Experimental determination of the sensitivity limit of infrared spectrometers coupled with a process computer 1-14186
- Seidel, P. see Meyer, H.-G. 1-42917
- Seidel, W. see Kloppe, K.D. 1-31956
- Seidel, W. see Kloppe, K.-D. 1-23910
- Seidemann, P.K. The ephemerides: past, present and future 1-44446
- Seidemann, P.K. see Davies, M.E. 1-4797
- Seidemann, P.K. see Duncombe, R.L. 1-40329, 1-44462
- Seidemann, P.K. see Pasqu, D. 1-13728
- Seidemann, D.E. see Montag, R.L. 1-54022
- Seiden, J. Effect of some anisotropic couplings on the electronic resonance frequency in spin glasses 1-38967
- Seiden, J. see Beauvillain, P. 1-7851
- Seiden, P.E. see Gerola, H. 1-44624
- Seidenkranz, U. see Ilgen, L. 1-21683
- Seidensticker, R.G., Hopkins, R.H. Silicon ribbon growth by the dendritic web process 1-3602
- Seidensticker, R.W., Marchertas, A.H. The energy absorption potential of PCVR in primary LMFBR containment 1-10473
- Seidensticker, R.W., Marchertas, A.H., Bazant, Z.P. Increasing primary containment capabilities of liquid-metal fast breeder reactor plants by the use of prestressed concrete 1-33325
- Seidensticker, R.W., Schreyer, H.L. Potential advantages of prestressed concrete for liquid-metal fast breeder reactor secondary containment 1-33329
- Seidl, A.A. see Ammosov, V.V. 1-40980
- Seidl, A.A. see Berge, J.P. 1-540
- Seidl, A.A. see Efremenko, V.I. 1-33173
- Seidl, D. The simulation problem for broad-band seismograms 1-4640
- Seidl, E. see Giesinger, N. 1-42928
- Seidl, R. see Tyrdy, M. 1-12768
- Seidman, D.N. see Current, M.I. 1-43231
- Seidman, D.N. see Raizman, A. 1-34938
- Seidman, K. see McKenna, J.F. 1-14915
- Seidov, Z.F. see Basko, M.M. 1-49607
- Seidov, Z.F. see Bugaev, E.V. 1-28465
- Seistad, G.A. see Walker, R.C. 1-54503
- Seifer, A.L., Cherkis, A.P., Yurchuk, A.P. Apparatus for calibrating and checking gas-content gauges for bubbling two-phase cryogenic flows 1-6908
- Seifert, F. see Mysen, B.O. 1-39010
- Seifert, G. A temperature equation for a rigid heat conductor with memory 1-19543
- Seifert, G., Finster, J., Müller, H. SW X α calculations and X-ray photoelectron spectra of molybdenum (II) chloride cluster compounds 1-6416
- Seifert, G. see Reich, P. 1-33456
- Seifert, H., Huebner, R.P. Josephson effect in indium bridges with large dimensions 1-30885
- Seifert, H.J., Müller, B., Stotzel, E. Thermochemical and structural study of the alkali metal/MgI₂ or CaI₂ system 1-48723
- Seifert, K.-F., Cemic, L., Hinz, E., Voigt, R., Will, G. Electrical conductivity measurements on pyroxenes and olivines under thermodynamically defined conditions 1-44177
- Seifert, P. Sheath thermocouples at low temperatures 1-44919
- Seifert, P.L. see Drummeller, J.E. 1-34341
- Seifert, T. On the parameters of the Hellman-like model potential 1-37090
- Seifert, W., Bruhl, H.-G., Fitzl, G. Variation of lattice parameters with growth conditions in GaN 1-20161
- Seifert, W. see Fitzl, G. 1-53099
- Seifert, W. see Jacobs, K. 1-3634
- Seifert, W. see Wilke, I. 1-12574
- Seifritz, W. Shock wave focusing walls and advanced fusion fuels for thermonuclear microexplosion 1-888
- Seifritz, W., Kohlet, P., Sahin, S. Comments on the protection possibilities against enhanced radiation warheads 1-23857
- Seigal, S.D. see Bierschbach, J.A. 1-10006
- Seigel, A.D., Carbayo, J.J. A new empirical correlation for the rewetting temperature 1-45674
- Seigle, L.L. see Gupta, B.K. 1-31757
- Seikai, S., Fussgaenger, K. Experimental method for the separation of material and modal dispersion of optical fibres 1-11150
- Seikai, S., Fussgaenger, K. Experimental method for the separation of material and modal dispersion of optical fibres 1-19447
- Seikai, S. see Kato, Y. 1-41850
- Seikai, S. see Shibata, N. 1-41851
- Seikai, S. see Tateda, M. 1-46565
- Seiler, A., Schlapbach, L., Von Waldkirch, T., Shaltiel, D., Stucki, F. Surface analysis of Mg₂Ni-Mg, Mg₂Ni and Mg₂Cu 1-2784
- Seiler, A. see Schlapbach, L. 1-2805
- Seiler, A. see Stucki, F. 1-34911
- Seiler, D.G., Hanes, L.K. Cold electron photo-injection in degenerate n-InSb at 1.8K 1-47702
- Seiler, E. Some remarks on the fermion determinants in gauge theories 1-23423
- Seiler, F., Schmidt, B. Shock structure close to a wall 1-37967
- Seiler, H., Haas, U., Rentschler, I., Schreiber, H., Wieser, P., Wurster, R. Some investigations of atmospheric aerosol particles 1-54195
- Seiler, H.G. see Abela, R. 1-5628
- Seiler, M. see Abela, R. 1-5628
- Seiler, P., Dunitz, J.D. The structure of nickelocene at room temperature and at 101K 1-20173
- Seiler, P.G. see Anderhub, H. 1-14760
- Seiler, R. see Hoffmann-Ostenhof, M. 1-24011
- Seiler, W., Eberling, C., Slemr, F. Global distribution of gaseous mercury in the troposphere 1-9220
- Seiler, W. see Fishman, J. 1-44286
- Seilmeier, A., Kaiser, W. Generation of tunable picosecond light pulses covering the frequency range between 2700 and 32000 cm⁻¹ 1-1627
- Seilmeier, A. see Kopansky, B. 1-51476
- Seilmeier, A. see Krantitzky, V. 1-6611
- Seim, B. see Euler, K.J. 1-33432
- Seim, W., Müller, A., Salzborn, E. Electron capture from atomic hydrogen by slow fully stripped lithium ions 1-24244
- Sein, J.S., Kuttner, J.P. Report on the summer MONEX field phase 1-9259
- Seino, M. see Nakajima, H. 1-11212
- Seino, S. see Matsumoto, H. 1-40843
- Seino, T. see Murakami, K. 1-24354
- Seip, H.M. see Henriksen, A. 1-4224
- Seip, R. see Fernholt, L. 1-51293
- Seip, R. see Hargittai, M. 1-46119
- Seip, R. see Tronsgo, O. 1-46122
- Seiradakis, J.H. see Huchtmeier, W.K. 1-27603
- Seisyan, E.L. see Bercevozovs, V.A. 1-34767
- Seita, K. see Tsuchiya, M. 1-51313
- Seitel, S.C. see Porteus, J.O. 1-29311
- Seiter, G.J. see Boone, J.L. 1-35661
- Seiter, I. see Monig, H. 1-32206
- Seitter, W. see Schuster, H.-E. 1-27546
- Seitz, D. see Kim, K.C. 1-35516
- Seitz, D.M. see Laguna, A. 1-6225
- Seitz, F., Wood, T.E., Day, P. Optical spectroscopy of mixed metamagnetic Fe₃Co_{1-x}Cl₂ crystals 1-8098
- Seitz, M.G. see Friedman, A.M. 1-28638
- Seitz, P. see Michael, L.H. 1-4252
- Seitz, T.L. see Karlan, M.S. 1-13308
- Seitzer, P. see Mason, K.O. 1-49726
- Sek, G., Blaski, T. Simple recorder of the digital measurement results. II. Recording of the photographic spectrum profiles 1-32627
- Seka, W., Jacobs, S.D., Rizzo, J.E., Boni, R., Craxton, R.S. Demonstration of high efficiency third harmonic conversion of high power Nd-laser radiation 1-6609
- Sekanina, Z., Farrell, J.A. The striated dust tail of Comet West 1976 VI as a particle fragmentation phenomenon 1-22729
- Sekar, A.N. see Mattoo, S.K. 1-34120
- Sekercioğlu, I. see Willis, R.R. 1-3951
- Sekerka, R.F., Hartzell, R.A., Farr, B.J. Instability phenomena during the RF heating and melting of ceramics 1-7649
- Sekerka, R.F. see Mullins, W.W. 1-47271
- Sekerzb-Zenkovich, S.Ya., Kalinichenko, V.A. Excitation of internal waves in a two-layered liquid by vertical oscillations 1-2010
- Sekerzhitskii, V.S., Shul'man, G.A. Nuclear reactions in a cold dense magnetized material 1-45563
- Sekhar Reddy, B. see Alwar, R.S. 1-6815
- Seki, H., Philpott, M.R. Surface enhanced Raman scattering by pyridine on silver island films in an ultrahigh vacuum 1-38644
- Seki, H. see Girlando, A. 1-35054
- Seki, J., Yamamoto, T. Amorphous interstellar grains: wavelength dependence of far-infrared emission efficiency 1-9623
- Seki, K., Shida, J.-i., Murakami, K. Indicating thermometers using a temperature-sensitive magnetic core 1-5310
- Seki, K. see Sato, N. 1-53051
- Seki, M. see Odagiri, Y. 1-11151
- Seki, N., Fukusako, S., Inaba, H. Transient characteristics of vertical porous heat storage 1-17307
- Seki, R., Masutani, K., Oka, M., Yazaki, K. A unified analysis of pionic atoms and low-energy pion-nucleus scattering 1-18685
- Seki, R. see Leon, M. 1-46174
- Seki, S. see Nagami, M. 1-15637
- Seki, S. see Takita, K. 1-8176
- Seki, S. see Yoshikawa, M. 1-30945, 1-30951
- Seki, T., Hurst, G.M., Machholz, D. Comet Panther (1980u) 1-32659
- Seki, T. see Manning, B. 1-27427

- Seki, T. *see* Shao, C.-Y. 1-49576
- Seki, Y., Endo, S., Irie, T. Low-frequency photo-current oscillations in CdIn_2S_4 single crystals 1-25754
- Seki, Y., Iida, H. Monte Carlo calculation of first wall neutron flux in Tokamak fusion reactor 1-729
- Seki, Y., Shimomura, Y., Maki, K., Azumi, M., Takizuka, T. Numerical calculations of helium ash enrichment and exhaust by a simple divertor 1-11587
- Seki, Y. *see* Horibe, S. 1-39375
- Seki, Y. *see* Iida, H. 1-730, 1-23707
- Seki, Y. *see* Takeuchi, K. 1-894
- Sekiguchi, A. *see* Nakazawa, M. 1-50987
- Sekiguchi, H. *see* Kai, K. 1-13696, 1-54373
- Sekiguchi, M. *see* Scholten, O. 1-14505
- Sekiguchi, N. Photometry of the lunar surface during lunar eclipses 1-22701
- Sekiguchi, N. *see* Nishino, O. 1-45631
- Sekiguchi, T. *see* Aizawa, M. 1-2229, 1-19952
- Sekiguchi, T. *see* Masuda, T. 1-19925
- Sekiguchi, T. *see* Ohmori, T. 1-45074
- Sekiguchi, T. *see* Okada, T. 1-42161
- Sekiguchi, Y., Funakubo, H. Strained surface layers of quartz plates produced by lapping and polishing and their influence on quartz resonator performance 1-31695
- Sekiguchi, Y. *see* Nomoto, S. 1-23731
- Sekiguchi, Y. *see* Sakaki, H. 1-47733
- Sekihara, K., Murayama, S., Hayakawa, T. Theoretical analysis of the X-ray intensity response of the ionization detector used in the CT system 1-35881
- Sekihara, K. *see* Murayama, S. 1-35880
- Sekikawa, Y. *see* Moriyoishi, Y. 1-25277
- Sekimoto, H., Yahashi, A., Dae-Won Lee, Y., Yamane, T., Tanabe, M., Ohtsuka, M., Noura, T., Yamamuro, N. Measurements and calculations of the neutron spectrum from a graphite assembly bombarded with 14-MeV neutrons 1-28695
- Sekimura, M. *see* Saji, M. 1-38840
- Sekimura, T. Ionization of atomic hydrogen by electron impact in the eikonal approximation with exchange 1-1382
- Sekine, H., Takeuchi, T., Tachikawa, K. Studies on the composite processed Nb-Hf/Cu-Sn-Ga high-field superconductors 1-52724
- Sekine, H. *see* Tamate, O. 1-33899
- Sekine, N., Tohei, T., Nakagawa, T., Ishizaki, Y. Effects of inelastic multistep processes on (p,t) reactions in a transition region between rare-earth nuclei and double-magic ^{208}Pb 1-10382
- Sekine, T., Izumi, M., Nakashizu, T., Uchino-kura, K., Matsuura, E. Raman scattering and infrared reflectance in 2H-MoSe_2 1-8037
- Sekistov, V.N. *see* Armand, N.A. 1-37391
- Sekita, M., Minami, F., Okamoto, E., Masui, H. Optical spectra of EuP_2O_4 between 77 and 583 K 1-8089
- Sekiya, K., Morinaga, K., Yanagase, T. Physical properties of $\text{Na}_2\text{O-GeO}_2$ melts 1-25353
- Sekiya, M., Nakazawa, K., Hayashi, C. Dissipation of the rare gases contained in the primordial Earth's atmosphere 1-13575
- Sekiya, M., Nakazawa, K., Hayashi, C. Dissipation of the primordial terrestrial atmosphere due to irradiation of the solar EUV 1-54245
- Sekiya, T. *see* Inoko, Y. 1-7084
- Sekiya, T. *see* Katayama, K. 1-19631
- Sekizawa, H. *see* Inoue, M. 1-16462
- Sekizawa, H. *see* Shiotani, N. 1-48194
- Sekkina, M.M. Abou *see* Abou Sekkina, M.M.
- Seko, M., Miyake, T., Inada, K., Takeda, K. Uranium isotope enrichment by chemical method 1-781
- Sekoguchi, K., Nakazatomi, M., Sato, Y., Tanaka, O. Forced convective heat transfer in vertical air-water bubble flow 1-46735
- Sekoguchi, K., Tanaka, O., Esaki, S., Imasaka, T. Prediction of void fraction in subcooled and low quality boiling regions 1-33870
- Sekoguchi, K. *see* Sato, Y. 1-51852, 1-51853
- Sekovanic, L. *see* Subotic, B. 1-3728
- Sekretarczyk, G. *see* Graja, A. 1-39066
- Sekula, S.T., Thompson, J.R. Variable-temperature ion-implantation cryostat 1-40796
- Sekuler, R., Hutman, L.P., Owsley, C.J. Human ageing and spatial vision 1-39930
- Sekuiski, W. *see* Duszak, M. 1-36651
- Selbach, H.-J. *see* Ewe, H.H. 1-4171
- Selby, D.L. *see* Childs, R.L. 1-10487
- Selby, M.J., Blackwell, D.E., Petford, A.D., Shal-lis, M.J. Measurement of the absolute flux from Vega in the band (2.2 μm) 1-4913
- Selci, S. *see* Chiaradia, P. 1-8096, 1-52626
- Selden, A.C. Simple analytic form of the relativistic Thomson scattering spectrum 1-15604
- Seldner, M., Peebles, P.J.E. Clustering of 4C radio sources 1-36427
- Sel'dyakov, Yu.P. *see* Ivanov, V.B. 1-1035
- Selector, Ya.M. *see* Blinov, A.V. 1-23665
- Selgei, V.V. *see* Dechambre, M. 1-44369
- Selgei, V.V. *see* Dechambre, M. 1-44368
- Seligny, E. *see* Metayer, M. 1-48732
- Selektor, Ya.M. *see* Beketov, G.V. 1-23513
- Selemir, V.D. *see* Pavlovskii, A.I. 1-18931
- Selenew, J.W. *see* Achrijew, A.S. 1-8528, 1-39350
- Selenew, J.W. *see* Aligulijew, R.M. 1-21502
- Selenew, J.W. *see* Belajijew, O.F. 1-52088
- Selenew, J.W. *see* Fjodorowa, W.N. 1-3815
- Selenew, J.W. *see* Sokolova, J.A. 1-8362
- Seleznev, L.I. *see* Voroshilov, V.P. 1-51695
- Seleznev, S.N. *see* Atutov, S.N. 1-15155
- Seleznev, V.N. *see* Plotnikov, A.F. 1-34802
- Seleznev, V.S. *see* Krylov, S.V. 1-13437
- Selezneva, I.K. *see* Kozlov, G.I. 1-10982
- Selezneva, L.A. *see* Batenin, V.M. 1-6544
- Selezneva, T.N. *see* Aksentian, O.K. 1-37822
- Selezneva, T.R., Mekhannikov, A.I. Metrological investigation of multielement waveguide bolometric transducers [UHF power measurement] 1-23261
- Self, S.A., Assaad, R., Kushner, E., Paul, P., Pejack, E. A charge-analyzing probe for aerosol flows 1-24866
- Self, S.A. *see* Ariessohn, P.C. 1-19839
- Self, S.A. *see* Rankin, R.R. 1-46930
- Selig, H. *see* Ebert, L.B. 1-47960
- Selig, K.P. Direct measurement of the Flux-flow damping coefficient in a type-I-superconductor 1-30892
- Selig, M., Ullrich, R. A universal transfer, intervention, and transport box system 1-50877
- Selig, W. *see* Driscoll, J.N. 1-13053
- Seliger, H.H. *see* Lall, A.B. 1-49179
- Seliger, J. *see* Villan, M. 1-3290
- Seliger, W. *see* Arnstadt, H. 1-5423
- Seligman, L.J. Noninvasive programming of implanted physiologic stimulators 1-32314
- Seligman, T.H. *see* Hecht, K.T. 1-50501
- Selim, E.O., Waters, R.T. Electrical characteristics of negative rod/plane corona in air at atmospheric pressure and below 1-20013
- Selim, M.M., El-Nabawary, Th.A. A general relationship between adsorption of hydrocarbons and their polarizabilities on activated carbon 1-35567
- Selivanov, V.I. *see* Grebinnik, V.G. 1-43054
- Selivanov, V.I. *see* Klimov, A.I. 1-37049, 1-45796
- Selivanov, V.M., Karlov, N.P., Martynov, A.D., Nikonov, E.A., Prostjakov, V.V., Emelyanov, I.Y., Lyalikov, B.V., Prozorov, V.K., Kuznetsov, B.A., Pallagi, D., Khorani, S., Khar-gital, T., Tezher, S., Vadas, G. Development and investigation of the thermometric correlational system of measuring the heat carrier losses in a type RBM-K reactor 1-36995
- Selivanov, V.M., Martynov, A.D., Prostjakov, V.V., Solopov, A.P., Karlov, N.P., Tregubov, V.B., Sharypin, V.I., Pallagi, D., Horanyi, S., Hargi-tai, T., Toejer, S. Utilization of thermocouple random signal correlation method for coolant flow rate measuring in nuclear power plants 1-28589
- Selivanov, Yu.P., Shovenyuk, M.V., Dovgyl, Ya.O., Gunko, O., Gunko, S.N. Theory of screen image formation I. Incoherent case 1-15092
- Seliverstov, D.M. *see* Grachov, V.T. 1-18701
- Seliverstov, L.A. *see* Osadchenko, V.A. 1-25595
- Seliverstov, Yu.A., Avenien, B.N., Likhomanov, S.A., Vereshchagin, S.I. Input stimuli of optoelectronic system for measuring the angular coordinates of astronomical objects 1-27384
- Selke, W. Infinitely many phases in a large class of Ising models 1-34844
- Selke, W., Fisher, M.E. Two-dimensional Ising models with competing interactions—a Monte Carlo study 1-25860
- Sell, J.A. Infrared diode laser spectroscopy of nitric oxide 1-19092
- Sell, J.A., Herz, R.K., Monroe, D.R., Hill, J.C., Majkowski, R.F. Emissions tracked in real time with IR lasers 1-17335
- Sella, C. *see* Hamzaoui, S. 1-34913
- Sellar, J.R., Imeson, D., Humphreys, C.J. The critical-voltage effect in convergent-beam high-voltage electron diffraction 1-2294
- Sellers, C.M., Petkovice-Luton, R.A. Creep of dispersion-strengthened alloys 1-26481
- Selleri, F., Tarozzi, G. Is Clauser and Horne's factorability a necessary requirement for a probabilistic local theory? 1-27818
- Selleri, F., Vigier, J.P. Unacceptability of the Pauli-Jordan propagator in physical applications of quantum mechanics 1-97
- Sellers, B. *see* Hanser, F.A. 1-40170
- Sellers, W.D. *see* Charlock, T.P. 1-17686, 1-22408
- Selles, W.D. *see* Brenner, J.F. 1-35863
- Seligen, K. *see* Gehrz, R.D. 1-9499
- Seligen, K. *see* Persson, S.E. 1-22877
- Seligen, K. *see* Werner, M.W. 1-9496, 1-44653
- Sellin, I. *see* Breinig, M. 1-29113
- Sellin, I.A. *see* Elston, S.B. 1-37347
- Sellin, I.A. *see* Laubert, R. 1-47124
- Sellymer, D.J., Hadjipanayis, G., Cornelison, S.G. Electrical and magnetic properties of rare-earth-gold glasses 1-3149
- Sellymer, D.J., Liebowitz, D., Arko, A.J., Fisk, Z. Shubnikov-de Haas and high-field magnetoresistance effects in the A15 compound Nb_3Sb 1-12018
- Sellymer, D.J. *see* Cornelison, S.G. 1-3148
- Sellymer, D.J. *see* Hadjipanayis, G. 1-25991
- Selloni, A. Microscopic models of photodetection 1-51434
- Selloni, A., Quattropiani, A., Schwendemann, P., Baltes, H.P. Switching in optical bistability by the anharmonic oscillator model 1-41765
- Selloni, A. *see* Casula, F. 1-52636
- Sellwood, J.A. Galaxy models with live halos 1-9663
- Sellyey, W.C. *see* Moreh, R. 1-14461, 1-45461
- Seltz, R. *see* Kalifa, J. 1-625
- Seltz, R. *see* Vergnes, M. 1-45487
- Seltzer, S. SHIELD0SE: A computer code for space-shielding radiation dose calculations 1-10550
- Seltzer, S.M. *see* Lo I Yin 1-5447
- Selvam, A.M., Manohar, G.K., Khandalgaonkar, S.S., Murty, A.S.R., Murty, B.V.R. Diurnal and seasonal variations of space charge, electric field and cloud condensation nuclei in the lowest layer of the atmosphere 1-9229
- Selvam, A.M., Ramachandra Murty, A.S., Vijayakumar, R., Paul, S.K., Manohar, G.K., Reddy, R.S., Mukherjee, B.K., Ramana Murty, B.V. Some thermodynamical and microphysical aspects of monsoon clouds 1-49372
- Selvam, A.M. *see* Khemani, L.T. 1-21954
- Selvaraj, A. *see* Billy, M. 1-20153
- Selwyn, J.C., Scaino, J.C. Laser flash photolysis characterization of the triplet state of poly(p-methoxyacrylonitrile) 1-48710
- Selwyn, L. *see* Sanctuary, B.C. 1-45990
- Selyatskii, V.G. *see* Klekovin, V.A. 1-27273
- Selyava, A.L., Bondareva, E.V., Rulina, Z.M., Lashko, N.F. Phase composition and properties of spring steels 50KhFA and 65S2VA 1-16817
- Selzie, H.L. *see* Haberkorn, R. 1-19060
- Selzie, H.L. *see* Hays, T.R. 1-31837
- Selzie, H.L. *see* Henke, W. 1-19087, 1-37183
- Sem, G.J. *see* Agarwal, J.K. 1-21786
- Sem, M.F. *see* Vainer, V.V. 1-6545
- Sem, M.F. *see* Zinchenko, S.P. 1-51460
- Semah, F., Sartono, S., Zaim, Y., Djubiantono, T. First results from the paleomagnetic study of the Western part of the Sangiran dome, Java, Indonesia 1-13385
- Semak, D.G. *see* Mikla, V.I. 1-38781
- Semak, D.G. *see* Turyanitski, I.I. 1-37443
- Semashko, A.P. *see* Klintsevich, S.I. 1-20114
- Semashko, A.N. *see* Novikov, I.I. 1-2620
- Semavina, A.N., Gavriluk, V.G., Terskikh, S.A., Krymchanski, I.I., Volosevich, P.Yu. The scale effect in cold-drawn steel wire 1-3860
- Semb, A. *see* Rahn, K.A. 1-9215
- Semel, M. A high-accuracy optical polarization analyser 1-27376
- Semenenko, K.A. *see* Gurasovskii, V.V. 1-16627
- Semenenko, K.N. *see* Antipin, M.Yu. 1-7157
- Semenenko, K.N. *see* Lobkovskii, E.B. 1-7158, 1-42355
- Semenenko, L.V. *see* Usova, V.A. 1-26160
- Semenenko, Yu.A. *see* Sirotin, N.N. 1-44928
- Semenenko, Yu.E. *see* Kogan, V.S. 1-16200, 1-47417
- Semenets, T.I. *see* Kukhtarev, N.V. 1-51555
- Semeny, Yu.A. Propagation characteristics of return signals on the Khabarovsk-Irkutsk path 1-22590
- Semenisty, K.S. *see* Zubov, V.G. 1-18227
- Semeniuk, D.D. *see* MacDonald, R.D. 1-23774
- Semenov, A.A. *see* Chernys, V.Yu. 1-27270
- Semenov, A.E., Cherkasov, E.V. Polarized Raman scattering spectra of iron-doped lithium niobate crystals 1-26213
- Semenov, A.G. *see* Salydeev, R.Z. 1-29002
- Semenov, A.K. *see* Bagdin, A.K. 1-53019
- Semenov, A.K. *see* Bautin, A.I. 1-37523
- Semenov, A.T. *see* Luk'yanov, V.N. 1-33686
- Semenov, A.V. *see* Krongauz, V.G. 1-12581
- Semenov, E.I. *see* Zhuravlin, L.G. 1-44870
- Semenov, E.V. *see* Sarkisyan, A.S. 1-40137
- Semenov, G.A. *see* Belov, A.N. 1-7313
- Semenov, G.A. *see* Shul's, M.M. 1-42552
- Semenov, G.B. *see* Koreshev, S.N. 1-29232
- Semenov, G.I. *see* Elkhov, V.A. 1-23353
- Semenov, G.I. *see* Kalashnikov, S.P. 1-51422
- Semenov, L.P. *see* Almazov, R.K. 1-40194
- Semenov, M.A. *see* Podgorny, V.V. 1-23272
- Semenov, M.V., Sharygin, V.S. On the effectiveness of hydroelectric and pumped-storage power stations when the environmental demands imposed on alternative power stations are made more stringent 1-35601
- Semenov, M.V. *see* Brandt, N.B. 1-7508
- Semenov, N.M. *see* Korsakov, V.V. 1-18258
- Semenov, O.B. *see* Tumanova, I.A. 1-42459
- Semenov, R.I. *see* Anisimova, G.P. 1-33401
- Semenov, R.M. *see* Nikolayev, V.V. 1-9110
- Semenov, S.S. *see* Kats, S.M. 1-16838
- Semenov, V.E. Calculation of the photoionization cross section of a molecular H_2^+ ion on a basis of Gaussian functions 1-33518

- Semenov, V.K. *see* Mel'nikov, N.S. 1-51064
 Semenov, V.M. *see* Prokoshkin, D.A. 1-8479
 Semenov, V.M. *see* Teterin, E.D. 1-18626
 Semenov, V.N. *see* Goloviznin, V.M. 1-34113
 Semenov, V.S. Charged walls between ferromagnetic domains 1-12366
 Semenov, V.S., Sergeev, V.A. Distribution of the large-scale electric field and variations of the magnetic field and currents in the magnetotail during the preliminary substorm phase 1-4707
 Semenov, V.V. Comparison of the efficiency of induced spin precession by the modulated-pumping and magnetic-resonance methods 1-28910
 Semenov, V.V. *see* Abaev, M.I. 1-39482
 Semenov, Yu.A. *see* Berezin, V.M. 1-37057
 Semenov, Yu.G., Kalinin, B.A., Borisov, S.F., Suetin, P.E. Nonsteady hot-filament method using an RC oscillator to investigate heat exchange in rarefied gases 1-11491
 Semenov, Yu.G. *see* Borisov, S.F. 1-19553
 Semenov, Yu.G. *see* Bugai, A.A. 1-7943
 Semenov, Yu.G. *see* Komarov, A.V. 1-12042
 Semenov, Yu.N. *see* Vvedenskii, V.A. 1-4772
 Semanova, G.N. *see* Vasilevskaya, V.N. 1-20588
 Semanova, L.A. On carbon effect on martensite phase magnetization 1-7896
 Semanova, L.I. *see* Brattsev, V.F. 1-41435
 Semanova, L.V. *see* Balabanov, E.I. 1-48707
 Semanova, N.M. *see* Pol'kin, I.S. 1-16819
 Semanova, N.M. *see* Vorob'ev, N.A. 1-48377
 Semanova, T.S. *see* Anan'eva, G.V. 1-39232
 Semantsov, D.I. Effective parameters of magnetogrotropic stratified media 1-37393
 Semenyuk, P.P. Account for linear contact of layers in designing two-layered cylindrical shells for stability 1-37820
 Semeryuk, R.A. *see* Bolychev, A.D. 1-36601
 Semerdzhiev, H. *see* Abrahamyan, E.O. 1-722
 Semerjian, H.G. *see* Emmerman, P.J. 1-2050
 Semet, A. *see* Johnson, L.C. 1-46402
 Semet, A. *see* Mansfield, D.T. 1-24434
 Semetskii, R.B. *see* Guzev, S.I. 1-27267
 Semichev, A.Ya. *see* Belyakov, Yu.M. 1-29748
 Semibozhenko, V.P., Sobolev, V.L. Effects of non-resonance parallel pumping on ultrasound propagation in antiferromagnets 1-31003
 Semiletov, S.A. *see* Avilov, A.S. 1-20579
 Semiletov, S.A. *see* Khodyrev, Yu.P. 1-7486
 Semin, A.G., Khapin, Y.B., Sharapov, A.N. Aircraft radiometers based on semiconductor devices 1-9290
 Semin, E.G., Burkov, V.P., Shevyakov, A.M., Fedorov, S.V. Thermodynamics and mechanism of reactions of formation of beryl 1-43646
 Semin, S.I. *see* Abramov, O.V. 1-16712
 Semin, S.I. *see* Gel'fat, Yu.M. 1-7339
 Semin, S.P. Effect of spin correlations on the paramagnetic relaxation and on the ESR line width in metals containing localized impurities 1-21033
 Seminara, G. *see* Hall, P. 1-29741
 Seminozhenko, V.P. Nonequilibrium phenomena in electron tunnelling from a superconductor into a normal metal film 1-3116
 Seminozhenko, V.P. A new type of phonon instability in semiconductors exposed to a strong electric field 1-34443
 Seminozhenko, V.P., Kirichenko, I.K. Stimulation and suppression of superconductivity by high frequency field at multiquantum absorption 1-34826
 Seminozhenko, V.P., Sobolev, V.L. Theory of non-resonant excitation of spin waves by an alternating magnetic field in easy-plane antiferromagnets 1-3166
 Seminozhenko, V.P., Yatsenko, A.A. Cooper coupling of electrons in strong high-frequency fields 1-52692
 Semionov, S.K. *see* Barantsev, R.G. 1-53043
 Semirog-Orlik, V.N. *see* Lebedev, A.A. 1-31623
 Semizorov, A.F. *see* Belotitski, D.P. 1-11907
 Semjonov, V.M. *see* Delion, D.S. 1-5798
 Semken, S. *see* Selater, J.G. 1-22268
 Semler, C.E., Hawisher, T.H. Evaluation of the thermal shock resistance of refractories using the ribbon test method 1-31772
 Semm, P., Schneider, T., Vollrath, L. Effects of an Earth-strength magnetic field on electrical activity of pineal cells 1-26893
 Semmler, W. *see* Butt, R. 1-25261
 Semmlow, J.L., Hung, G.K. Binocular interactions of vergence components 1-35784
 Semova, T. *see* Ormandzhiev, S. 1-40829
 Semopolinski, D.R., Kingery, W.D. Ionic conductivity and magnesium vacancy mobility in magnesium oxide 1-38586
 Semopolinski, D.R., Kingery, W.D., Tuller, H.L. Electronic conductivity of single crystalline magnesium oxide 1-38777
 Semtner, A.J., Jr., Holland, W.R. Numerical simulation of equatorial ocean circulation. I. A basic case in turbulent equilibrium 1-22347
 Semtner, A.J., Jr. *see* Gent, F.R. 1-27183
 Semwal, B.S. *see* Naithani, U.C. 1-16534
 Sem'yachkin, B.E. *see* Vostrikov, A.A. 1-23228
 Semyonova, O.I. *see* Repinsky, S.M. 1-38669
 Sen, A. *see* Sundaram, A.K. 1-36110
 Sen, A.K., Sehra, J.S. Solar energy conversion by fluorescent materials for utilization in space communication systems 1-17301
 Sen, A.K. *see* Ahmed, N.U. 1-13661
 Sen, A.K. *see* Bhattacharya, A.B. 1-32500
 Sen, A.K. *see* Saha, B. 1-9310
 Sen, A.K. *see* Sarkar, S.K. 1-9193
 Sen, D., Sarkar, S.K. Pseudopotential study of alkali metals: Unified approach 1-7282
 Sen, D. *see* Chakraborty, N. 1-41126
 Sen, D. *see* Sarkar, S.K. 1-42488
 Sen, D.K. Connections on infinitesimal fibre bundles and unified theories 1-33121
 Sen, D.K. *see* Chaudhury, M.L. 1-33244
 Sen, K., Jain, B.K., Srivastava, V.K. Theoretical efficiency of $S(p^-n)IS$ solar cells 1-48844
 Sen, K.D. Energy-eigenvalue sum relationship in molecules 1-10618
 Sen, K.D. Quadrupole polarizability and shielding-antishielding factors for Ce^{3+} in ionic solids 1-20691
 Sen, K.D. Hartree-Fock-Slater transition state calculations of KLL Auger energies in Na and Mg 1-24010
 Sen, K.D. Isoelectronic changes in total Hartree-Fock energy of atoms 1-37096
 Sen, K.D. Isoelectronic energy changes from energy-density functionals 1-37101
 Sen, K.D. On deviations in Rudenberg energy formula for molecules 1-45823
 Sen, K.D., Schmidt, P.C. Static dipole and quadrupole polarizabilities of alkaline earth atoms 1-51106
 Sen, K.D., Schmidt, P.C. Polarizabilities and Sternheimer antishielding factor for ferric ions 1-51144
 Sen, K.D. *see* Bohm, M.C. 1-51121
 Sen, K.D. *see* Schmidt, P.C. 1-20690
 Sen, P.K., Apte, N., Guha, S. Raman instability in n-type piezoelectric semiconductors 1-35040
 Sen, R.N. Group representation of fibre spaces 1-5521
 Sen, S.K., Dutt, M.B. Relaxations due to vacancies in copper 1-30337
 Sen, S.K. *see* Das Gupta, A. 1-49443
 Sen, S.N., Ghosh, A.K. Radio frequency conductivity of opaque binary liquid mixtures 1-30774
 Sen, S.N. *see* Sadhya, S.K. 1-2239, 1-29840
 Sen, S.T. *see* Ma, Z.Y. 1-18691
 Sen Gupta, H.M. *see* Rahaman, M.A. 1-50607
 Sen Gupta, H.M. *see* Zaman, M.A. 1-50605
 Sen Mihir *see* Mihir Sen
 Sen Nguyen Van *see* Nguyen Van Sen
 Sen-lin Ge *see* Ge Sen-lin
 Sen-Yen Shaw, Juh Tseng Lue An integrated circuit based vacuum ionisation gauge meter 1-279
 Senachenko, V.S. *see* Saffronova, U.I. 1-45904
 Senaha, S. *see* Matsushita, N. 1-33789
 Senashenko, M.V. *see* Goryunova, T.D. 1-28101
 Senashenko, V.S., Simonov, G.A. Relative rates of radiative and nonradiative decay of the autoionization $(1s\ 2s\ 2p)^3P_{3/2}$ state of three-electron systems 1-41353
 Senat-skii, Yu.V. *see* Baranova, N.B. 1-1656
 Senat-skii, Yu.V. *see* Basov, N.G. 1-6596, 1-6597
 Senateur, J.P. *see* Bartholin, H. 1-7138
 Senateur, J.P. *see* Gasgnier, M. 1-11989
 Senateur, J.P. *see* Morillo, J. 1-12130
 Senateur, J.-P. *see* Lamine, A.B. 1-52136
 Senatore, G. *see* Chaturvedi, D.K. 1-34217
 Senbetu, L. *see* Wang, S.C. 1-34568
 Senbusch, G. *see* Von Senbusch, G.
 Senchenkov, I.K. Theory of simple media with thermomechanical restrictions of differential type 1-14000
 Senchenkov, I.K., Gumenyuk, B.P. On induced oscillations of rectangular visco-elastic prism under kinematic excitation 1-37828
 Senchikhin, V.K. *see* Tref'yakov, V.I. 1-16716
 Senchina, B.I. *see* Shevchuk, P.R. 1-3988
 Send, R.E. An optical method to study the domain wall motion in transparent, Perovskite-type ceramics 1-26148
 Senda, K. *see* Kobayashi, H. 1-32179
 Senda, K. *see* Shimomae, K. 1-7642
 Senda, M. *see* Matsumoto, T. 1-20045
 Senda, O., Ito, T., Minowa, Z., Watanabe, H. The correction of LPG hydrometer concerning pressure and gas buoyancy 1-5285
 Senda, O., Ito, T., Yamamoto, H. Density measurement of LPG by vibrating method 1-238
 Senderichin, A. *see* Mil'shtein, S. 1-7666
 Sendulesku, A., Poenaru, D.N., Grainer, V. A new decaying mode of heavy nuclei intermediate between nuclear fission and α -decay 1-23611
 Sene, M. *see* Aston, D. 1-14399, 1-45297, 1-50442
 Senecal, M. A simple characterization of the subgroups of space groups 1-7110
 Senegas, J., Pezat, M., Darnaudery, J.P., Darriet, B. Localisation and motion of protons in MgH and Mg_2NiH_4 hydrides, NMR study 1-38996
 Senemaud, C. *see* Hague, C.F. 1-8162
 Senet, L. *see* Augueres, J.L. 1-40791
 Seneviratna, E. *see* Fogoski, J.W. 1-46219
 Senf, L. *see* Feltz, A. 1-31438
 Senga, Y., Kawahara, A. The structure of synthetic copper sodium phosphate: $Cu_9Na_6(PO_4)_3$ 1-15851
 Sengers, J.V., Bedeaux, D., Mazur, P., Greer, S.C. Behavior of the dielectric constant of fluids near a critical point 1-23138
 Sengers, J.V. *see* Basu, R.S. 1-29820
 Sengers, J.V. *see* Watson, J.T.R. 1-46840
 Sengoku, S., Matsuda, T., Matsumoto, H., Abe, T., Ohtsuka, H., Arai, T., Ohata, K., Yamamoto, S., Odajima, K., Kimura, H., Kasai, S., Kumagai, K., Takahashi, K., Shimomura, Y. Carbon wall experiment in DIVA 1-24988
 Sengoku, S., Ohtsuka, H. Experimental results on boundary plasmas, resulting surface interactions and extrapolation to large fusion devices 1-25025
 Sengoku, S. *see* Izuka, S. 1-6996
 Sengoku, S. *see* Odajima, K. 1-11573
 Sengoku, S. *see* Yamauchi, R. 1-25046
 Sengor, A.M.C. *see* Livaccari, R.F. 1-40113
 Sengor, A.M.C. *see* Celal Sengor, A.M.
 Sengupta, A. *see* Deshpande, M.R. 1-54309
 Sengupta, A. *see* Ganguly, K. 1-41163
 Sengupta, B.J. *see* Banerjee, B. 1-4418, 1-40212
 Sengupta, D., Saha, S.K., Sengupta, S.N., Mukherjee, S.K. Direct display of electron temperature oscillation in a plasma 1-25063
 Sengupta, M. *see* Bhattacharya, M.M. 1-19044
 Sengupta, P. *see* Das, S.K. 1-9987
 Sengupta, P.K., Goyal, D.P., Mozumder, A., Singh, S. γ and π^+ production in π^- -emulsion interactions at 50 GeV/c 1-45365
 Sengupta, P.K. *see* Arya, N.S. 1-33205
 Sengupta, P.K. *see* Singh, S. 1-28797
 Sengupta, P.R., Chakrabarti, J. Propagation of micropolar thermoelastic waves in an infinite elastic space containing a cylindrical bore 1-19629
 Sengupta, P.R. *see* Acharya, D. 1-29542
 Sengupta, S., Das, T.K. Appearance of back-bending and excited rotational band in Hartree-Fock-Bogoliubov calculations for ^{12}C 1-33224
 Sengupta, S., Litzistorf, G., Lucken, E.A.C. The chlorine NQR asymmetry parameter of solid molecular chlorine 1-26072
 Sengupta, S. *see* Basu, A.N. 1-25383
 Sengupta, S. *see* Datta, D.K. 1-14808
 Sengupta, S. *see* Dutta, D.K. 1-51105
 Sengupta, S. *see* Ghosh, S. 1-47192
 Sengupta, S. *see* Home, D. 1-32867
 Sengupta, S.N. *see* Sengupta, D. 1-25063
 Sengupta, U.K. *see* Gerlach, U.H. 1-1687, 1-5192
 Senichenkov, Yu.B. *see* Voskoboinikov, S.P. 1-38138
 Senik, A.V. *see* Murugov, V.M. 1-46924
 Senior, B.R., Habermehl, M.A. Structure, hydrodynamics and hydrocarbon potential of the central Eromanga Basin, Queensland, Australia 1-4147
 Senjanovic, G., Stecker, F.W. Soft CP violation and the global matter-antimatter symmetry of the Universe 1-14299
 Senjanovic, G. *see* Mohapatra, R.N. 1-45182
 Senju, H. Inclusive multiparticle production at small P_T and quark fragmentation model 1-14325
 Senkevich, A.A. *see* Pasternak, V.E. 1-11399
 Senkevich, A.I. *see* Aleshin, V.G. 1-21323
 Senkevich, L.K. The correlation function of narrow-band fluctuation Gaussian noise at the output of asymmetric resonant systems 1-23114
 Sen'ko, V.A. *see* Dunaitzev, A.F. 1-14776
 Sen'kov, P.E. *see* Belogurov, V.N. 1-41281
 Sennesal, J.M., Robbe, J.M., Schamps, J. Ab initio calculations of the electronic structure and doubling parameters of BS 1-45819
 Sennhauser, U. *see* Pruis, J.S. 1-50659
 Sennikova, V.N. *see* Gorn'skii, K.Z. 1-6755
 Seno, T. *see* Matsubara, Y. 1-32422
 Senoh, M. *see* Hashimoto, Y. 1-45704
 Senoussi, S. New information on the spin-glass state of AuFe from transport measurements 1-12311
 Senoussi, S. New relaxation effects in the AuFe and CuMn spin glass investigated by magnetoresistance measurements 1-25956
 Senoussi, S. Jumps and induced anisotropy in the magnetoresistance of CuMn [spin glasses] 1-38762
 Senova, R.N. *see* Serebrennikov, V.V. 1-30172
 Seneman, D.M., Salzberg, B.M. Electrical activity in an exocrine gland: optical recording with a photometric dye 1-4261
 Senoi, S., Yoshida, K., Furui, Y., Kamiya, T., Kuroha, T., Kawana, A., Miya, T. Long-length and ultra-low-loss single-mode fiber with $P_2O_5-SiO_2$ cladding at $1.6\ \mu m$ 1-11205
 Senis, R. Approximation and homogenization of a transport process 1-50078
 Sentman, L.H. Rotational nonequilibrium effects in CW channel lasers 1-37488
 Sentsui, S. *see* Yoshida, K. 1-11198, 1-33819

- Sentz, A. *see* Gastaud, C. 1-29258
 Senuma, T. *see* Krause, H. 1-48528
 Senyavin, N.K. *see* Boricheva, V.N. 1-12950
 Senyuk, M.A. *see* Bobrovich, V.P. 1-51237
 Senyukov, A.I. *see* Koltun, V.I. 1-19350
 Senzaki, K., Shinoki, F., Yoshida, S., Misawa, S. Solar selective absorbers fabricated by Zr-CH₄ reactive sputtering 1-21903
 Seo, I. *see* Shiraishi, T. 1-26997
 Seo, K., Kobayashi, H. On the seismic prospecting in the southwestern part of the Tokyo Metropolitan area. Underground structure along the line stations from Yumenoshima, Tokyo to Enoshima, Kanagawa 1-27092
 Seo, K., Kono, H., Fujimura, Y. Non-adiabatic coupling effects on the resonance Raman scattering from a molecular system 1-6264
 Seo, M., Saito, R., Sato, N. Ellipsometry and Auger analysis of chromium surfaces passivated in acidic and neutral aqueous solutions 1-21625
 Seo, M., Sato, N. Differential composition profiles of passive films on Inconel 600 and Incoloy 800 alloys 1-17120
 Seo, M., Sato, N. Surface characterization of stainless steels prepared with various surface treatments 1-35452
 Seo, M. *see* Suzumura, N. 1-40015
 Seok Kang In *see* In Seok Kang
 Sepiol, J. *see* Jasny, J. 1-50236
 Sepold, G. *see* Becker, R. 1-43298
 Sepp, W.-D., Fricke, B., Morovic, T. Relativistic many-electron SCF correlation diagram for superheavy quasimolecules: Pb-Pb 1-33588
 Sepp, W.-D. *see* Euler, R. 1-6186
 Septier, A. *see* Nassiopoulos, A.G. 1-374, 1-375
 Sepulveda, N.G., Walker, C.F. Finite element modeling of potentials within the human brain due to applied electrical stimulation 1-32113
 Sepunaru, D. *see* Horwitz, L.P. 1-5130, 1-5523
 Sequeira, A. *see* Bhakay-Tamhane, S.N. 1-30151
 Sequin, M.K. A case of multiphase magnetization in the Appalachians: the Weedon-Gould area 1-9072
 Sera, K., Ishii, K., Yamadera, A., Kuwako, A., Kamiya, M., Sebata, M., Morita, S., Chu, T.C. L and M-shell ionization cross sections for 3-40-MeV-proton bombardments 1-24265
 Sera, K. *see* Yamadera, A. 1-26349
 Serafini, P.E. Effect of the shape of plasma density power spectra on ionospheric scintillations 1-13639
 Serafinov, K.B. Analytic dependence of the oxygen line $\lambda 1356$ Å on parameters of the F region 1-32473
 Serafini, M., Hoppe, R. New information on RbNbO₃-a metal niobate with pyrgom structure 1-34318
 Serafini, R. *see* Wilson, J. 1-54172
 Serafini, A. *see* Pelissier, M. 1-28868
 Serafini, M. *see* Aprilese, G. 1-49398
 Seraphin, B.O. *see* Carver, G.E. 1-37588
 Seraphin, B.O. *see* Chain, E.E. 1-12594
 Seraphin, B.O. *see* Gesheva, K.A. 1-13173
 Serapinas, P.D., Svedas, V.J. Modulation of the population of atomic energy levels, and correlation measurement of relaxation rates in plasma 1-19863
 Serapins, K. *see* Gladenbeck, J. 1-6688
 Seraydarian, R. *see* Nagami, M. 1-15637
 Serba, A.A. *see* Litovchenko, V.G. 1-28027
 Serbanescu, A., Mihailescu, G. On the shape of D₁ line from the atomic spectrum of deuterium 1-14840
 Serbanescu, M., Popa, I. Thyristorized current pulse generator 1-33592
 Serbest, H. *see* Idemen, M. 1-6436
 Serbin, V.I. *see* Advudskii, V.S. 1-9396
 Serbinov, A.N. *see* Vorob'ev, E.I. 1-28715
 Serbinov, I.A., Kalafati, Yu.D., Ryabova, L.A. Dispersive structures at a metal-semiconductor phase transition 1-34629
 Serbo, V.G. *see* Budnev, V.M. 1-14439
 Serbo, V.G. *see* Kotkin, G.L. 1-14396
 Serbulenko, M.G. Visualization of the period of rotation of the plane of polarization at impurities in an optically active crystal 1-26164
 Serbulenko, M.G., Grika, V.M. Precision orientation of crystals. Imaging and measurement of angles of optical axes of grains by conoscopy with a point source 1-23285
 Serdyuchenko, Yu.N. *see* Horvath, Z.Gy. 1-15168
 Serdyuk, A.D. *see* Nikolov, O.T. 1-20476
 Serdyuk, A.S. *see* Belonogov, A.N. 1-18265
 Serdyuk, V.A., Grinberg, N.M., Malinkina, T.I., Kamyshkov, A.S. Influence of low temperature on the kinetics of fatigue failure of magnesium alloys 1-53288
 Serdyuk, V.A. *see* Grinberg, N.M. 1-31622
 Serdyuk, V.A. *see* Marchenkov, V.I. 1-16617
 Serdyuk, V.V. *see* Grinevich, V.S. 1-20890
 Serdyuk, V.V. *see* Korneva, N.N. 1-48150
 Serdyukov, A.I., Strazhev, V.I. Dual-symmetric formulation of macroscopic electrodynamics 1-49956
 Serebrennikov, V.V., Senova, R.N., Cherkasova, T.G. X-ray investigation of europium methathiofate 1-30172
 Serebrennikov, Yu.A. *see* Zhmerin, D.G. 1-308
 Serebriy, E.M. *see* Frolov, V.P. 1-5184
 Serebrin, S.M. *see* Prokoshkin, D.A. 1-8479
 Serebrjanaja, N.R. *see* Kabalkina, S.S. 1-34274
 Serebro, D.Ya. *see* Paschenko, V.P. 1-39601
 Serebrov, A.P. *see* Altarev, I.S. 1-28774
 Serebryakov, A.G. *see* Zelenskaya, N.S. 1-50570
 Serebryakov, A.V. *see* Abrosimova, G.E. 1-11690, 1-47008
 Serebryakov, G.A. *see* Titarenko, A.G. 1-53138
 Serebryakov, V.A. *see* Bayanov, V.I. 1-37441
 Serebryakov, V.A. *see* Mak, A.A. 1-29349
 Serebryakova, N.A. *see* Gershenzon, E.M. 1-3016
 Serebryanskaya, T.Y. *see* Grin, V.P. 1-22248
 Sereda, B.P. *see* Masalovich, V.M. 1-35514
 Sereda, Yu.P. *see* Butynko, A.K. 1-39313
 Seredenko, E.V. *see* Burtsev, V.A. 1-970
 Serednyakov, S.I. *see* Derbenev, Ya.S. 1-14712
 Seregin, A.A. Penetrability of a two-peaks barrier by a variable mass particle 1-18703
 Seregin, A.S. *see* Seregin, S.A. 1-31564
 Seregin, G.V. Singularities of structure formation during slow cooling of alloys whose ageing is accompanied by the precipitation of the γ -phase 1-12763
 Seregin, G.V. *see* Sukhovarov, V.F. 1-26466
 Seregin, N.N. *see* Novopashin, A.A. 1-16071
 Seregin, P.P., Turaea, E.Yu., Andreev, A.A., Melekh, B.T. Structure of the short-range order in glassy and crystalline Si-Te and Ge-Te alloys using NMR and electron spectroscopy 1-42321
 Seregin, P.P. *see* Bakhtcheva, S.R. 1-52875
 Seregin, P.P. *see* Prokof'eva, L.V. 1-43050
 Seregin, P.P. *see* Rogacheva, E.I. 1-42512
 Seregin, S.A., Seregin, A.S., Sabantsev, V.P. The effect of the speed of rotation on the degree and rate of plastic deformation in the friction welding of metals 1-31564
 Seregin, S.L. *see* Itskhoki, I.Ya. 1-1649
 Seregina, V.M. *see* Shapovalov, E.T. 1-48607
 Serego Alighieri, S.D. *see* Di Serego Alighieri, S.
 Serego Alighieri S., H.C. *see* di Serego Alighieri S., H.C.
 Sereika, A. *see* Kietis, B.-P. 1-12152
 Sereika, A. *see* Latitsis, I.I. 1-37659
 Sereini, J.G. Evidence for valence fluctuation in the CsN₃ compound 1-25874
 Sereinka, R.G. *see* Ontko, P.N. 1-50735
 Sergeant D'Hendecourt, L.B. *see* Le Sergeant D'Hendecourt, L.B.
 Sergeenkov, S.I. *see* Vinogradov, G.V. 1-51726
 Sergeev, A.B. *see* Morozov, V.N. 1-46354
 Sergeev, A.G. *see* Babenko, V.V. 1-667
 Sergeev, A.G. *see* Vreshchagin, S.I. 1-27375
 Sergeev, A.N. *see* Kovshov, G.N. 1-27284
 Sergeev, A.S. *see* Iljin, Yu.S. 1-28063
 Sergeev, A.V. *see* Rizvanov, N.G. 1-54392
 Sergeev, E.I. *see* Kitaev, V.B. 1-35492
 Sergeev, F.M. *see* Akimov, Yu.K. 1-37059
 Sergeev, F.M. *see* Biryukov, Yu.A. 1-5645
 Sergeev, G.T. Thermal analysis of a permeable wall for given thermal fluxes on its surface 1-11291
 Sergeev, I.I., Kuznetsova, V.V. Quantitative evaluation of heating effects in rare earth IR converters 1-43163
 Sergeev, N.M. *see* Kugeiko, M.M. 1-40192
 Sergeev, N.N. *see* Krishnal, M.A. 1-35447
 Sergeev, P.A., Sintsov, V.N. Holographic measurement of two-dimensional optical transfer functions of lenses 1-15098
 Sergeev, P.S. *see* Zablotskii, V.K. 1-48387
 Sergeev, S.M. *see* Sergienko, A.A. 1-45467
 Sergeev, V.A., Kuznetsov, B.M. Quantitative dependence of the polar cap electric field on the IMF B_y-component and solar wind velocity 1-54330
 Sergeev, V.A. *see* Zavarzina, V.P. 1-28435
 Sergeev, V.L., Vanitskaya, G.A. To the problem on heat transfer of the flow with an axisymmetric body at the stagnation point 1-19716
 Sergeev, V.M. *see* Zaporozhchenko, V.I. 1-30285
 Sergeev, V.O. *see* Artamonova, K.P. 1-661
 Sergeev, V.P., Zuev, L.B. Changes in the mobility of screw dislocations in NaCl crystals caused by electric field pulses 1-25287
 Sergeev, V.P. *see* Andrianov, G.O. 1-20348
 Sergeev, V.P. *see* Zhdanova, V.V. 1-15385
 Sergeev, V.P. *see* Zuev, L.B. 1-52144
 Sergeev, Ya.A. *see* Gupalo, Y.P. 1-24778
 Sergeev, Yu.A. *see* Polyaniin, A.D. 1-15490, 1-46800
 Sergeev, Yu.L. *see* Golovin, A.V. 1-18331
 Sergeeva, A.I. Criteria for evaluating the precision in measuring the thickness of films and coatings 1-5279
 Sergeeva, L.A., Podluzhnyi, V.V., Kalinkin, I.P., Kostikov, Yu.P., Ivanov, I.K. Electron spectroscopy of the surfaces of heat-treated cadmium selenide films 1-38684
 Sergeeva, T.S. *see* Krylov, Yu.I. 1-21709
 Sergeant, C. *see* Le Sergeant, C.
 Sergeant, M. *see* Ishikawa, M. 1-47787
 Sergeant, M. *see* Potel, M. 1-38357
 Sergeant-Rozey, M. *see* Meyer, C. 1-24135
 Sergeyev, V.A. *see* Semenov, V.I. 1-4707
 Sergeyev, Y.M., Grabowska-Olszewska, B., Osipov, V.I., Sokolov, V.N., Kolomenski, Y.N. The classification of microstructures of clay soils 1-49266
 Sergienko, A.I. Solitons in two parallel molecular chains 1-33407
 Sergienko, A.S. *see* Eremko, A.A. 1-33586
 Sergienko, V.A., Vylvov, Ts., Sergeev, S.M., Smol'skii, S.L. Determination of relative K-capture probabilities in ¹⁵¹Gd-¹⁵¹Eu and ¹⁵³Gd-¹⁵³Eu decay 1-45467
 Sergienko, V.I., Ignat'eva, L.N., Kalenik, V.M. Chemical shifts in the ¹⁹F NMR spectra of M₂SiF₆, M₂GeF₆, M₂SnF₆, and MBF₄ 1-7963
 Sergienko, V.I. *see* Aleksandrov, Yu.A. 1-5634
 Sergienko, V.S., Porai-Koshits, M.A., Yurchenko, E.N. Crystal structure and role of the water molecules in mixed vanadomolybdo-phosphate heteropolymers of the 12 series. I. A new 'pseudo-keggins' type of structure in heteropolyacids H₂+n[PMO_{12-n}VnO₄₀].mH₂O (n=2, 3; m=30-36) 1-38358
 Sergienko, Z.A. *see* Eremenko, B.V. 1-39649
 Sergiescu, V. *see* Thibaut, M. 1-51906
 Sergin, V.Ya. Origin and mechanism of large-scale climatic oscillations 1-44291
 Sergysels, R. *see* Sergysels-Lamy, A. 1-40343
 Sergysels-Lamy, A., Sergysels, R. Construction of periodic solutions of the elliptical restricted problem by the Hale method 1-40343
 Serhan, G.I., Uman, M.A., Childers, D.G., Lin, Y.T. The RF spectra of first and subsequent lightning return strokes in the 1- to 200-km range 1-32510
 Series, G.W. *see* Nakayama, S. 1-6203, 1-6204, 1-46072
 Serikawa, T., Yachi, T. Effect of mixing hydrogen-argon on magnetron sputtered SiO₂ films 1-47400
 Serikov, I.N. *see* Artemov, K.P. 1-45472
 Serikov, I.N. *see* Dukhanov, V.I. 1-1012
 Serikov, R.I. *see* Britan, A.B. 1-37989
 Serikov, V.B. *see* Petrash, V.V. 1-49136
 Serikova, I.A. *see* Verlan, A.F. 1-15643
 Serio, C. *see* Andretta, A. 1-39817
 Serio, S., Peres, G., Vaiana, G.S., Golub, L., Rosner, R. Closed coronal structures. II. Generalized hydrostatic model 1-49585
 Serio, S. *see* Galeev, A.A. 1-49586
 Serkin, V.N. *see* Isaev, S.K. 1-11007
 Serkov, V.K. *see* Golovachev, V.I. 1-8030
 Serlemitsos, P.J. *see* Becker, R.H. 1-13834
 Serlemitsos, P.J. *see* Holt, S.J. 1-22892
 Serlemitsos, P.J. *see* McKee, J.D. 1-49827
 Serlemitsos, P.J. *see* White, N.E. 1-9722
 Serlemitsos, P.J. *see* Worrall, D.M. 1-9712, 1-49784
 Serlin, V. *see* Adler, R. 1-50997
 Serman, A. The polaron in a thin dielectric film 1-52504
 Serman, D.D., Mei, C.C. Note on Salter's energy absorber in random waves 1-43739
 Sermet, P. *see* Geller, R. 1-10552
 Sermoneta, A. *see* Bartalucci, S. 1-28793
 Sermulina, B.J., Somov, B.V., Spector, A.R. Impulsive heating of the solar chromosphere during flares 1-9464
 Serna, J. *de la see* de la Serna, J.
 Sernelius, B.E., Berggren, K.-F. Variation of the electron effective mass with ionic scattering in silicon inversion layers 1-7691
 Sernelius, B.E., Berggren, K.-F. Electron states in heavily doped semiconductors 1-42717
 Sernelius, B.E. *see* Berggren, K.-F. 1-47563
 Seroshian, T.P., Soshko, A.I. Use of polymers in chemical-thermal treatment of metals 1-53219
 Serov, O.B. *see* Lyubavskaya, I.K. 1-29237
 Serov, O.B. *see* Sobolev, G.A. 1-51424
 Serova, E.V. *see* Tumayev, G.K. 1-33982
 Serova, F.G. *see* Emel'yanov, A.I. 1-42797
 Serpinsky, V.V. *see* Yakubov, T.S. 1-38647
 Serpoul, J.-J., Driver, J.H. The plane-strain compression of aluminum bicrystals 1-21557
 Serr, F.E. Elasticity and quadrupole vibrations 1-18541
 Serra, A. Innovation in visual photometry: the MDB technique and its historical background 1-4348
 Serra, A. An annotated bibliography on MDB technique and related topics 1-44737
 Serra, A. Transient anisotropia in young diabetic patients without retinopathy 1-48983
 Serra, A. On the visual acuity-color discrimination relationship after ruby laser treatment, in CSR patients 1-48993
 Serra, A., Ponti, L., Sirigu, F. On the deterioration of color discrimination under high pressure Na-illumination 1-4278
 Serra, A., Sirigu, F. Intradian dioptric changes in young diabetic people without retinopathy 1-4262
 Serra, A. *see* Arghiracopoulos, S. 1-321
 Serra, E.C. Biassoni *see* Biassoni de Serra, E.C.
 Serra, G. *see* Aiello, I. 1-53774
 Serra, G. *see* Boisse, P. 1-54618
 Serra, J.J.-. *see* Rouanet, A. 1-4080
 Serra, J. Rocca *see* Rocca Serra, J.
 Serra, O.A. *see* Melo, S.M. 1-25677
 Serra-Lugaresi, P. *see* Barloutaud, R. 1-36885
 Serra-Mestres, F. *see* Aymerych-Humet, X. 1-30839
 Serrano, A. *see* Peimbert, M. 1-54599
 Serrano, C. *see* Murakami, M. 1-48348

- Serrano, C.M. *see* Chang, C.-A. 1-11987
- Serratrice, G. *see* Masson, M.A. 1-10759
- Serravalle, A. *see* Andreotti, L. 1-17176, 1-17297
- Serre, J., Ghazali, A., Hugon, P.L. Band tailing in heavily doped semiconductors. Scattering and impurity-concentration-fluctuation effects 1-47471
- Serres, E. Wind-tunnel simulation of lower atmosphere layers. Application to prediction of the environmental impact of an industrial site 1-32486
- Serri, G. The petrochemistry of ophiolite gabbroic complexes: a key for the classification of ophiolites into low-Ti and high-Ti types 1-40089
- Serruya, C. *see* Ben-Avraham, Z. 1-32478
- Sersic, J.L., Calderon, J.H. Transient annular structures in barred galaxies 1-32756
- Sertorio, L. *see* Cabibbo, N. [editor] 1-17939
- Sertsyuk, V.A., Grinberg, N.M., Ostapenko, I.L. Fatigue fracture of some magnesium alloys in vacuum at room and low temperatures 1-31612
- Servadio, S. *see* Christillin, P. 1-10380, 1-10381
- Servain, J. Correlative analysis of surface temperatures in the north-east Atlantic 1-35990
- Servant, J. *see* Delmas, R. 1-13528
- Server, W.L., Wullaert, R.A., Ritchie, R.O. On the use of side-grooves in estimating J_{IC} fracture toughness with sharp-size specimens 1-12680
- Server, W.L. *see* Ritchie, R.O. 1-47165
- Servet, B., Broussoux, D., Micheron, F., Bisaro, R., Ries, S., Merenda, P. Oriented crystal phases of polyvinylidene fluoride and their piezoelectric properties 1-52090
- Servet, B. *see* Broussoux, D. 1-52091
- Servidori, M. *see* Garulli, A. 1-7203
- Servis, K.L., Shue Feng Fang Conformational analysis of 2-butanone and 3-methyl-2-butanone using lanthanide shift reagents 1-24168
- Servoin, J.L., Luspain, Y., Gervais, F. Infrared dispersion in SrTiO_3 at high temperature 1-21204
- Servoin, J.L. *see* Quittet, A.M. 1-52935
- Seryakov, K.I. *see* Mnatsakanian, K.G. 1-15690
- Seryczynska, D. The investigation of ion emission from the metal surface under the influence of electron bombardment 1-3548
- Serygin, A.L. *see* Kogan, V.S. 1-47417
- Serygin, A.L. *see* Kogan, V.S. 1-16200
- Serzhantov, A.M. *see* Chetverikov, N.I. 1-29634
- Seshadri, S.R. Three-mode coupling in a passive dielectric waveguide with index modulation 1-19421
- Seshadri, S.R. Quasi-optics of the waves guided by a slab of uniaxially anisotropic dielectric 1-37608
- Seshadri, S.R. Coupling of guided modes in a background of distributed radiation 1-37635
- Seshadri, S.R., Ming-Chi Tsai Quasi-optics of the group delay of guided magnetic waves 1-1442
- Seshadri, S.R., Ming-Chi Tsai Magnetic waves guided by a linearly tapered YIG film 1-42954
- Seshadri, V. *see* Lindenberk, K. 1-9929, 1-14069, 1-44764
- Seshadri, V. *see* West, B.J. 1-178
- Seshagiri, B.V. Reaction of communities to impulse noise 1-53736
- Seshagiri Rao, M.G. *see* Kaul, V.K. 1-42468
- Seshagiri Rao, M.G. *see* Kumar Kaul, V. 1-37735
- Seshagiri Rao, S.V., Mohan, N.L., Anandababu, L. Computerisation of the self setting filtration method 1-49407
- Seshagiri Rao, T. *see* Ramana Murty, S. 1-30323
- Seshagiri Rao, T. *see* Vanugopal Reddy, P. 1-30181
- Seshagiri Rao, V. *see* Srinivasan, K. 1-44932
- Seshamani, R. Mesospheric influences on linkages between solar activity and lower atmospheric phenomena 1-32496
- Sesnic, S. *see* Niedermeyer, H. 1-25040
- Sesonske, A., Marlett, E.S., Ho, A. Extended burnup transition cycle development for Zion-1 using ARMP procedures 1-45599
- Sesonske, A. *see* Eyer, L.L. 1-19812
- Sessarego, J.P. Study of the inverse problem in acoustics. Reconstruction of a distributed target from impulse responses taken over several directions 1-24609
- Sessarego, J.P. *see* Zakharia, M. 1-24605
- Sessions, S.J. *see* Nicholas, J. 1-48054
- Sest, C. *see* Buchali, K. 1-4309
- Sesta, B. *see* D'Arrigo, G. 1-26920
- Sestak, B. Plasticity and crystal structure 1-30305
- Sestak, B. *see* Novak, V. 1-11769
- Sestero, A., Robouch, B.V., Poddas, S. Suggested relaxation of plasma force discharges to helical force-free configurations 1-19917
- Sesuy, R. *see* Cartwright, D.K. 1-823
- Setaka, N. *see* Akaishi, M. 1-35214
- Setaka, N. *see* Kanda, H. 1-20520, 1-35169
- Seth, A.K. *see* Mathur, S.S. 1-39823
- Seth, B. *see* Braun, S. 1-6819
- Seth, G.S., Jana, R.N. Unsteady hydromagnetic flow in a rotating channel with oscillating pressure gradient 1-2086
- Seth, K.K. *see* Balestri, B. 1-28343
- Seth, K.K. *see* Nann, H. 1-14451
- Seth-Paul, W.A. Order of magnitude of γCO in R^*CO molecules 1-28952
- Sethi, S.K. *see* Mishra, U.C. 1-26863
- Sethi, V.K. *see* Talia, J.E. 1-12936
- Sethia, G., Chandra, H., Deshpande, M.R. On the effect of the partial solar eclipse of 29 April 1976 on electron content 1-44386
- Sethian, J.D., Gerber, K.A., Spectro, D.N., Robson, A.E. Equilibrium and propagation of a rotating relativistic electron beam 1-2210
- Sethna, H.N. India's atomic energy programme - past and future 1-14567
- Sethuraman, J., Sirohi, R.S. Dispersion relations in Fraunhofer diffraction pattern 1-1491
- Sethuraman, R., Jayaraman, R., Alamelu, V., Ravichandran, C. Electromagnetic field strength measurements during the solar eclipse of 16 Feb. 1980 1-54311
- Sethuraman, S. A case of persistent breaking of internal gravity waves in the atmospheric surface layer over the ocean 1-13510
- Sethuraman, S., Michael, P., Tuthill, W.A., McNeil, J. An observation system used to study the marine boundary layer over the Bay of Bengal during summer MONEX 79 1-54257
- Sethuraman, S. *see* Lobeck, R.N. 1-54249
- Sethuraman, S.K., Barrault, M.R. Study of the motion of vacuum arcs in high magnetic field 1-25089
- Seto, K. *see* Takebe, M. 1-12989
- Seto, M. *see* Kato, Y. 1-22191
- Seto, N. Spectral properties of the spinor-spinor Bethe-Salpeter equation. A speculation based on a simplified model equation 1-430
- Seto, N. Suppression of abnormal solutions below a critical coupling strength in a spinor-type Bethe-Salpeter equation 1-14228
- Seto, T. *see* Hikosaka, M. 1-25408
- Seton, K.J. *see* Twomey, S. 1-17667
- Setser, D. Neutral reactions involving rare gas halide molecules 1-39631
- Setser, D.W. *see* Brashears, H.C., Jr. 1-37219
- Setser, D.W. *see* Malins, R.J. 1-39609
- Setser, D.W. *see* Sadeghi, N. 1-33550
- Setser, D.W. *see* Tamagake, K. 1-4062
- Setser, D.W. *see* Wren, D.J. 1-51267
- Setter, N., Cross, L.E. The role of B-site cation disorder in diffuse phase transition behavior of perovskite ferroelectrics 1-3340
- Setter, N., Cross, L.E. Flux growth of lead scandium tantalate $\text{Pb}(\text{Sc}_{0.5}\text{Ta}_{0.5})\text{O}_3$ and lead magnesium niobate $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ single crystals 1-3589
- Setter, N., Cross, L.E. The contribution of structural disorder to diffuse phase transitions in ferroelectrics 1-7144
- Setter, N., Cross, L.E. Pressure dependence of the dielectric properties of $\text{Pb}(\text{Sc}_{1/2}\text{Ta}_{1/2})\text{O}_3$ 1-8009
- Settles, G.S., Perkins, J.L., Bogdonoff, S.M. Investigation of three-dimensional shock/boundary-layer interactions at swept compression corners 1-15474
- Settles, R. *see* Allen, P. 1-36856, 1-36857
- Settles, R. *see* Blitschau, J. 1-10190
- Settles, R. *see* Grassler, H. 1-50414
- Settles, R. *see* Manz, A. 1-14394
- Setton, R. *see* Beguin, F. 1-42368
- Setty, B.S. California State energy efficient state office building 1-17286
- Setty, C.S.G.K. *see* Aggarwal, K.M. 1-9309, 1-13630
- Setty, C.S.G.K. *see* Deshpande, M.R. 1-54309
- Seung, Y.H. Low-frequency vertical motions in the Medoc area of deep water formation 1-27203
- Seung-Am Cho, Jague, A. Effect of magnetometer response on magnetization behavior of β' -NiAl phase under constant applied field 1-7895
- Seurin, P., Guillon, D., Skoulios, A. Dilatometry and diffractometry study of liquid-crystal polymorphism in octyl-3g, 5a-cholestane 1-20058
- Sevast'yanov, V.G. Radiation transfer in a real spectrum. Integration with respect to the frequency and angles 1-51692
- Sevast'yanov, A.K. *see* Aralbayev, T.Z. 1-45099
- Sevast'yanov, R.I. *see* Savina, I.M. 1-9985
- Sevast'yanov, R.M., Zykova, N.A. Interaction potential of nonpolar polyatomic molecules 1-51256
- Sevast'yanov, V.I. *see* Bruns, A.V. 1-27441
- Sevast'yanov, V.S. *see* Martirosyan, R.M. 1-12395
- Sevast'yanova, L.G., Burdina, K.P., Zubova, E.V., Venetsev, Yu.N. New W- and Mo-containing perovskites synthesized at high pressure 1-35197
- Sevast'yanova, Ye.S., Sval'nov, V.N. Phosphorus in deep-sea sediments in the eastern part of the Indian Ocean 1-4491
- Sevast'yuk, O.V. *see* Lebedev, V.N. 1-50481
- Sevchenko, A.N. *see* Voropaev, E.S. 1-12572
- Sevchenko, F.I. *see* Volod'ko, L.V. 1-8061
- Sevely, J. *see* Perez, J.-P. 1-20286
- Sever, G.N. *see* Nikolaev, V.I. 1-42820
- Sever, R. *see* Allasia, D. 1-23495
- Severac, C., Quesne, C., Lacombe, P. Relationship between the stress-strain-ageing phenomena and the creep behaviour of titanium in the 25-400°C range 1-16854
- Severin, E.S., Tildesley, D.J. A methane molecule adsorbed on a graphite surface 1-39680
- Severin, E.S. *see* Hemingway, S.J. 1-20514
- Severin, H. *see* Galka, M. 1-1441
- Severin, P.J. On the total loss and scattering loss measurements in graded-index compound glass fibres 1-41866
- Severin, P.J.W. *see* Brongersma, H.H. 1-1731
- Severini, M., Olivieri, B. Experimental evaluation of latent heat flux during night-time radiative hoarfrost 1-13511
- Severne, G., Luwel, M. Dynamical theory of collisionless relaxation 1-17880
- Severn, A.B. *see* Baranovskii, E.A. 1-27447
- Severn, A.B. *see* Bruns, A.V. 1-27441
- Severson, A.L. *see* Benson, S.A. 1-50289
- Sevillano, J.Gil *see* Gil Sevillano, J.
- Sevin, A. *see* Bigot, B. 1-48648
- Sevostianov, M.A. *see* Tomashpolsky, Yu.Ya. 1-20577
- Sevost'yanov, G.M. *see* Povkh, I.L. 1-51775
- Sery, R.H. *see* Morris, E.E. 1-5970
- Sery, R.H. *see* Wei, T.Y.C. 1-5971
- Seward, F., Grindlay, J., Seaquist, E., Gilmore, W. Diffuse X-ray emission from the jets of SS 433 1-9533
- Seward, F.D., Mitchell, M. X-ray survey of the Small Magellanic Cloud 1-54660
- Seward, F.D. *see* Haisch, B.M. 1-49651
- Seward, F.D. *see* Pye, J.P. 1-44671
- Seward, J.S. *see* Richards, D. 1-53646
- Seward, T.P., III Coloration and optical anisotropy in silver-containing glasses 1-3351
- Sevchand, W., Prempre, T., Patanaphan, V., Bauto, N., Scott, R.M. Radium implant to the parametrium in the treatment of stage IIIB carcinoma of the cervix: analysis of dosimetry 1-17497
- Sewell, D.C. Future directions for safeguards 1-14590
- Sewell, G.L. *see* Narnhofer, H. 1-50040
- Sewell, M.J., Porter, D. Constitutive surfaces in fluid mechanics 1-29724
- Sewell, P.B. High brightness thermionic electron guns for electron microscopes 1-14216
- Sexauer, C. *see* Weibezahn, K.F. 1-22067
- Sexl, R. Exploding black holes 1-9897
- Sexton, B.A. Methanol decomposition on platinum (111) 1-39684
- Sexton, B.A., Madix, R.J. Vibrational spectra of molecular and atomic oxygen on Ag(110) 1-30548
- Sexton, B.A., Mitchell, G.E. Vibrational spectra of ammonia chemisorbed on platinum (111). I. Identification of chemisorbed states 1-8175
- Sexton, B.A., Mitchell, G.E. Vibrational spectra of ammonia chemisorbed on platinum (111). II. The electron scattering mechanism 1-12615
- Sexton, B.A. *see* Castner, D.G. 1-53470
- Sexton, F.W. *see* Garner, C.M. 1-32017
- Seya, K. A criterion for fracture angles in isotropic brittle rocks 1-44172
- Seybold, D. *see* Baier, H. 1-20246
- Seybold, D. *see* Kay, E. 1-34089
- Seydel, J.A. *see* Panhuis, V.E. 1-41278
- Seydzuova, S.S. *see* Rizinchenko, Yu.V. 1-13403
- Seyfert, H.H. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Seyfert, H.H. *see* Blitschau, J. 1-10190
- Seyfert, H.H. *see* Fritze, P. 1-14431
- Seyfert, H.H. *see* Grassler, H. 1-50414
- Seyfert, P., Claudet, G., McCall, M.J. Transient heat transfer in boiling helium-I and subcooled helium-II 1-52380
- Seyler, R.G. *see* Bagchi, B. 1-9799
- Seymour, R.B., Garner, D.P., Stahl, G.A., Knapp, R.D., Sanders, L. Preparation of block copolymers from styrene-acrylonitrile macroradicals 1-13004
- Seymour, R.J., Dougherty, J.P., Shaulov, A. Investigation of the relationship between the spontaneous polarization and permittivity in TGS and DTGFb 1-26114
- Seynaev, R. *see* Wannamaker, B. 1-27318
- Seze, L. *see* de Seze, L.
- Sezerman, O., Simpson, A.M., Jericho, M.H. Thermal expansion of 1T-TaS₂ and 2H-NbSe₂ 1-34494
- Serzen, A.O. *see* Tye, C. 1-28838
- Seznec, R. Diffraction of sound around barriers: use of the boundary elements technique 1-29434
- Sfeir, A.A. A stochastic model for predicting solar system performance 1-8750
- Sfrakis, A., Rogers, C.E. Effects of sorption modes on the transport and physical properties of Nylon 6 1-52424
- Sgambatti, A., Jr. *see* Coelho, P.R.P. 1-37027
- Spamellotti, A. *see* Clark, D.T. 1-19028, 1-19035
- Sgarcio, V. *see* Pensuc, C. 1-32301
- Sgarlati, D.K. *see* Maceda, E.L. 1-10548
- Sgibnev, E.V. *see* Sukhotin, A.M. 1-35378
- Sha, W.T. An overview on rod-bundle thermal-hydraulic analysis 1-23721
- Sha, W.T. *see* Bartzis, J.G. 1-45588, 1-50746
- Sha, W.T. *see* Chen, B.C.-J. 1-23725, 1-50747
- Sha, W.T. *see* Chen, M.J. 1-50889

- Sha, W.T. *see* Domanus, H.M. 1-23723, 1-28542
- Sha, W.T. *see* Pratap Vanka, S. 1-28539
- Sha, W.T. *see* Vanka, S.P. 1-1907
- Sha Nguen Tkhi *see* Nguen Tkhi Sha
- Shaaban, A. *see* Palmeri, A. 1-6029
- Shaaban, M.A., Ragab, A.M. Interpretation of gravity and electrodrilling data in Kathib El Makhazin, Sinai Peninsula 1-13604
- Shalan, M.R., Shibi, A.M. Comparative performance of two centrifugal fan impellers differing in blade section 1-29715
- Shabaik, A.H. *see* Agarwal, P. 1-39404
- Shabalin, I.L. *see* Gorinskii, S.G. 1-16282
- Shabanov, V.F. *see* Aver'yanov, E.M. 1-2323
- Shabanov, V.F. *see* Kabanov, I.S. 1-1643
- Shabanov, V.N. *see* Shengurov, V.G. 1-247
- Shabanova, N.N. *see* Stadukhin, V.D. 1-40236
- Shabanova, T.V. Influence of the Doppler effect in measurements of the periods of pulsars 1-4933
- Shabanova, T.V., Il'in, V.G., Ilyasov, Yu.P., Ivanova, Yu.D., Kuz'min, A.D., Pali, G.N. Investigation of the pulsar radio-emission period's stability 1-4931
- Shabazian, E. *see* Dankowich, J.A. 1-50460
- Shabelskii, Yu.M. *see* Dzhamukhadze, S.V. 1-36889
- Shabestary, N. *see* Chenpin Chang 1-8582
- Shablil, I.Yu. *see* Babentsov, V.N. 1-21274
- Shablina, A.G. *see* Antonova, M.M. 1-30549
- Shablov, V.L. *see* Komarov, V.V. 1-677, 1-678, 1-679, 1-23567
- Shablov, V.L. *see* Kovaleva, I.Yu. 1-676, 1-27819
- Shabonova, T.V. *see* Vyzhlov, B.V. 1-4932
- Shackelford, J.F. The potential of structural analysis from gas transport studies 1-30071
- Shackelford, J.F., Brown, B.D. A gas-probe analysis of structure in silicate glasses 1-25172
- Shackil, A.F. An electronic 'human eye' 1-22163
- Shackleton, D. *see* Le Roux, P.L.M. 1-22134
- Shackleton, N.J. *see* Rieggen, W.A. 1-17571
- Shackleton, R.M. *see* Bies, A.C. 1-13387
- Shacklette, L.W., Eckhardt, H., Chance, R.R., Miller, G.G., Ivory, D.M., Baughman, R.H. Solid-state synthesis of highly conducting polyphenylene from crystalline oligomers 1-11697
- Shadeev, N.I. *see* Kutvitskii, V.A. 1-16044
- Shadoff, L.A. *see* Bumb, R.R. 1-53426
- Shadrake, L.G. *see* Guifu, F. 1-20080
- Shadrin, E.B. *see* Il'in, A.V. 1-29384, 1-42869
- Shadwick, W.F. Noether's theorem and Steudel's conserved currents for the sine-Gordon equation 1-18402
- Shaeffer, J. *see* Carr, K.L. 1-53852
- Shaevizt, M. *see* Barish, B. 1-10192
- Shaevizt, M.H. *see* Barish, B.C. 1-10284
- Shafagatova, G.G. *see* Nasibov, I.I. 1-53162
- Shafagatova, G.G. *see* Nasibov, I.O. 1-8283
- Shafeizad, S. *see* Diebold, G.J. 1-24070
- Shafer, D. Simple method for designing lenses 1-46522
- Shafer, D. Optical design with only two surfaces 1-46524
- Shafer, D. *see* Doherty, V.J. 1-46535
- Shafer, E. *see* Ancona, A. 1-50865
- Shafer, G.V. *see* Filippov, A.T. 1-36137
- Shafer, G.V. *see* Grigor'ev, V.G. 1-36138
- Shafer, R.E. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Shafer, S.G. *see* McManus, S.P. 1-19032
- Shafer, Yu.G. *see* Filippov, A.T. 1-36137
- Shaffer, D.B. *see* Baath, L.B. 1-54655
- Shaffer, D.B. *see* Walker, R.C. 1-54503
- Shaffer, K.A., Volz, D.J., Houghton, V.M. Manipulation of CT data for temporal-bone imaging 1-53888
- Shaffer, M.J., McCullough, C.E. Microprocessor monitoring of the EEG of anesthetized patients 1-22156
- Shaffer, P.T.B. *see* Macmillan, N.H. 1-5910
- Shaffer, R.J. *see* Hanson, M.E. 1-44173
- Shaffer, T.H. *see* Sivieri, E.M. 1-35927
- Shaffner, T.J. Rapid semi-quantitative analysis for routine applications of scanning Auger microscopy 1-21828
- Shafi, M. *see* Ahmad, I. 1-18517
- Shafi, M. *see* Aziz, T. 1-10264
- Shafi, Q. *see* Kennedy, A. 1-40584
- Shafi, Q. *see* Lazarides, G. 1-18411, 1-50360, 1-50365
- Shafia, M.A., Eyre, T.S. The effect of surface topography on the wear of steel 1-12884
- Shafik, S., Crocker, D., Landsberg, B.M., Butcher, R.J. Phosphine far-infrared CW laser transitions: optical pumping at more than 100 MHz from resonance 1-46300
- Shafik, S. *see* von Stackelberg, U. 1-13446
- Shafiqullah, M. *see* Baldrige, W.S. 1-32394
- Shafiullah *see* Lal, K.B. 1-5204
- Shafrosov, A.I. *see* Solov'ev, V.S. 1-15202
- Shafraonov, V.D. Stellarators 1-6992
- Shafir, N.H. *see* Laichter, Y. 1-23995
- Shafroth, S.M. *see* Tanis, J.A. 1-14997, 1-24236
- Shafter, A., Jura, M. Circular polarization from scattering by circumstellar grains 1-22776
- Shafter, A.W., Margon, B., Katz, J.I., Harms, R.J. A lower limit on the magnitude of the companion to HDE 226868 (Cygnus X-1) 1-13800
- Shagalov, A.G. *see* Vlasov, S.M. 1-11369
- Shagalov, M.D., Drizhuk, A.G. Characteristic luminescence properties of n-i gallium nitride structures 1-21277
- Shagam, R.N. Heterodyne interferometric method for profiling recorded moire interferograms 1-33046
- Shaganov, I.I. Investigation of the effect of resonance interactions on the spectroscopic characteristics of anomalous plasma absorption bands of thin metal films 1-48185
- Shagapov, V.Sh. Allowance for nonstationary heat and mass transfer in the propagation of small perturbations in a liquid with bubbles 1-2062
- Shagayev, M.V. *see* Krasovskiy, V.I. 1-4688
- Shagov, S.V. *see* Bovin, V.P. 1-17131
- Shah, A. *see* Tanaka, T. 1-15786, 1-43707
- Shah, A.V., Monce, M.N., Edwards, A.K., Steuer, M.F., Wood, R.M. Dissociative ionization of N₂O produced by 1 MeV H⁺, He⁺, O⁺ projectiles 1-33537
- Shah, A.V. *see* Wood, R.M. 1-12981
- Shah, G.A., Krishna Swamy, K.S. A model reflection nebula in the far-infrared 1-49745
- Shah, G.N. Solar proton events and terrestrial weather 1-49346
- Shah, H.S. *see* Bhagat, D.M. 1-19016
- Shah, H.S. *see* Mehta, R.V. 1-8044
- Shah, J., Alexander, F.B., Jr., Bagley, B.G. Band-to-band luminescence in amorphous silicon 1-8130
- Shah, J., Bagley, B.G., Alexander, F.B., Jr. Excitation wavelength and intensity dependence of luminescence decay in a Si(H) 1-8131
- Shah, J., DiGiovanni, A.E. Luminescence fatigue in amorphous solids 1-48165
- Shah, J., Leheny, R.F., Nahory, R.E., Pollack, M.A. Hot-carrier relaxation in photoexcited In_{0.5}Ga_{0.5}As 1-3449
- Shah, J. *see* Robertson, J.C. 1-49141
- Shah, M.B., Geddes, J., Gilbody, H.B. Absolute cross sections for H(2s) formation in electron capture by protons in gases 1-6378
- Shah, N.H. *see* Carbaljo, J.B. 1-50818
- Shah, N.H. *see* Darji, A.J. 1-6272
- Shah, R.C. *see* Ravishankara, A.R. 1-36027
- Shah, R.K., London, A.L. Effects of nonuniform passages on compact heat exchanger performance 1-24785
- Shah, R.R., Capel, A.C., Pensom, C.F. Distributed terminal support in a data acquisition system for nuclear research reactors 1-50896
- Shah, R.R., Capel, A.C., Pensom, C.F. Distributed terminal support in a data acquisition system for nuclear research reactors 1-50919
- Shah, S. *see* Brereton, M.G. 1-44866
- Shah, S.S. Variation of energy gap of a magnetic semiconductor 1-52483
- Shah, T.P. *see* Watts, S.J. 1-5648, 1-23518
- Shah, U.C. *see* Krishnan, K.S. 1-22543
- Shah, V.B., Gadhia, P.K. Effects of sub-lethal dose of γ -irradiation on levels of acid phosphatase in cerebellum of pigeons 1-26947
- Shah, V.L. *see* Bartzis, J.G. 1-45588, 1-50746
- Shah, V.L. *see* Domanus, H.M. 1-23723
- Shahabuddin, M.A.M., Kuehner, J.A., Pilt, A.A. (1,d) reaction on ¹²⁴Te, ¹²⁶Te, ¹²⁸Te, and ¹³⁰Te nuclei 1-36905
- Shahabuddin, M.A.M., Waddington, J.C. ⁹²Zr(^{p₀, α)⁸⁹Y reaction at 17 MeV 1-14513}
- Shahai, O. *see* Jacob, I. 1-52252
- Shaham, J. *see* Dekel, A. 1-44628
- Shaham, M., Barak, J., El-Hanany, U., Warren, W.W., Jr. NMR study of the 3d ferromagnetic metals: critical region and paramagnetic phase 1-26067
- Shahbazi, M. *see* Azimi-Garakan, D. 1-51050
- Shahbazian, K. *see* Faissler, W. 1-45351
- Shahi, K., Wagner, J.B., Jr. Fast ion transport in silver halide solid solutions and multiphase systems 1-30447
- Shahi, K., Wagner, J.B., Jr. Ionic conductivity and thermoelectric power of pure and Al₂O₃-dispersed AgI 1-47285
- Shahidullah, M. *see* Oliver, D.R. 1-38030
- Shahin, A.F. *see* Kujawski, E. 1-45697
- Shahin, F., Abdel-Latif, B.T., Farag, N. Thermal diffusion in the gas mixture CH₄-Ar 1-2126
- Shahinpoor, M., Wells, D.J. Applications possibilities for fuzzy failure analysis, and diagnosis of reactor plant components and areas 1-23793
- Shahnawaz *see* Visweswara Rao, V. 1-37163
- Shaidurov, V.S. *see* Oletin, G.I. 1-48431
- Shaikovich, I.A. *see* Prorok, V.V. 1-44883
- Shaikhutdinov, Z.G., Bakirov, F.G., Nadyrshin, A.Ya. Study of heat and mass transfer during jet interaction with supersonic transverse stream 1-15526
- Shaikin, A.B. *see* Nomerovannaya, L.V. 1-31148
- Shail, R. Orthogonal polynomial solutions to some mixed boundary-value problems in elasticity. III 1-15451
- Shail, R. A note on Neumann potential problems for a thin circular annulus 1-24761
- Shakalov, F.E. *see* Kirovskaya, I.A. 1-7454
- Shaked, H. *see* Mueller, M.H. 1-29970
- Shaked, H. *see* Shamir, N. 1-34669
- Shakeshaft, R., Spruch, L. Radiative corrections to the energy levels of 'muriuim', an electron bound by its image charge to a wall 1-1131
- Shakeshaft, R., Spruch, L., Mann, J.B. Truncated expansion of the ground-state energy of a neutral atom in powers of Z^{-1/3}; coefficients of the leading terms 1-45846
- Shakeshaft, R., Wadehra, J.M. Distorted-wave Born approximation for inelastic collisions: Application to electron capture by positrons from hydrogen atoms 1-1385
- Shakeshaft, R. *see* Macek, J.H. 1-1361
- Shakhidzhanov, S.S. *see* Denisenko, V.V. 1-42825
- Shakhidzhanov, S.S. Limits on the accuracy of measurements of the parameters of a plane monochromatic light wave using optical heterodyning 1-5353
- Shakhkalamyan, G.S. *see* Antipenko, B.M. 1-6560
- Shakhlevich, G.M. *see* Makovetskii, G.I. 1-7811
- Shakhmatkin, B.A. *see* Shul'skii, M.M. 1-42552
- Shakhmuratov, R.N., Kessel, A.R. Modulation resonance in a laser 1-33649
- Shakhnazarova, A.S. *see* Kotova, K.V. 1-28098
- Shakhnin, V.A. Automatic recorder for magnetization steps in ferromagnetics 1-18249
- Shakhorin, A.P. *see* Romanov, A.S. 1-19757
- Shakhorin, A.P. *see* Vishnyakov, V.I. 1-46784
- Shakhov, B.A. *see* Dorman, L.I. 1-11512
- Shakhova, N.V. *see* Mitsay, Yu.N. 1-20969
- Shakhovvalov, Yu.A. *see* Kostyuk, P.G. 1-17372
- Shakhovskaya, N.I. Statistical properties of flare activity of UV Ceti stars 1-22821
- Shakhovskoi, A.M. *see* Aleksandrov, Yu.N. 1-13717
- Shakhtakhtinskii, M.G. *see* Azhdarov, G.Kh. 1-47531
- Shakin, C.M. *see* Anastasio, M.R. 1-28407, 1-36918
- Shakir, Yu.A. *see* Apollonov, V.V. 1-33658
- Shakirov, A.H. *see* Nalimov, I.P. 1-1519
- Shakirov, A.H. *see* Nalimov, I.P. 1-1519
- Shalabi, A.S. *see* Atherton, N.M. 1-14948
- Shalaby, S.A. *see* El-Adawi, M.K. 1-23528
- Shalaez, A.M. *see* Aleshin, V.G. 1-21323
- Shalaez, S.P. *see* Antonov, A.N. 1-19749
- Shalaez, V.M. *see* Popov, A.K. 1-15208, 1-33753
- Shalagin, A.M. *see* Atutov, S.N. 1-15155
- Shalagin, A.M. *see* Panfilov, V.N. 1-41438
- Shalagin, A.M. *see* Rautian, S.G. 1-33772
- Shalaginov, Yu.V. *see* Kasperovich, A.N. 1-40775
- Shalashov, V.A. *see* Zhukov, A.A. 1-3720
- Shalatskii, S.V. *see* Get'man, V.A. 1-10230
- Shalatskij, S.V. *see* Ganenka, V.B. 1-2542
- Shalatzkii, S.V. *see* Miroshnichenko, I.I. 1-5632
- Shal'da, L.M. *see* Kil'chevskii, M.O. 1-38011
- Shalek, R.J. *see* Berkley, L.W. 1-8990
- Shalev, S., Goldsmith, S., Boxman, R.L. Population inversion of Cd⁺ excited states in the plasma of cadmium vapor vacuum arc 1-42205
- Shalimov, Yu.N. Negative-positive exposure metering of motion picture photography process 1-23337
- Shallis, M.J. *see* Selby, M.J. 1-4913
- Shal'man, E.Yu. Asymptotic analysis of the equations of a three-dimensional boundary layer 1-19670
- Shaltiel, D. Hydride properties of AB₂ Laves-phase compounds 1-7133
- Shaltiel, D., Monod, P., Felner, I. Evidence for exchange enhancement of TiBe₂ from ESR 1-26014
- Shaltiel, D., von Waldkirch, Th., Stucki, F., Schlappbach, L. Ferromagnetic resonance in hydrogenated-dehydrogenated LaNi₅, FeTi, and Mg₂Ni and its relation to magnetic and surface investigations 1-43017
- Shaltiel, D. *see* Didisheim, J.J. 1-7135
- Shaltiel, D. *see* Jacob, I. 1-7460
- Shaltiel, D. *see* Levin, R. 1-47593
- Shaltiel, D. *see* Monod, P. 1-16426
- Shaltiel, D. *see* Raizman, A. 1-34938
- Shaltiel, D. *see* Seiler, A. 1-2784
- Shalyapina, G.M. *see* Zaitov, F.A. 1-30449
- Shalyagin, A.N. *see* Chetkin, M.V. 1-50179
- Sham, L.J. Many-body effects in the optical spectra of semiconductors 1-48106
- Sham, L.J. *see* Bloss, W.L. 1-7755
- Sham, L.J. *see* Sparks, M. 1-39193
- Sham, T.-K. On the use of the nuclear-electronic electric field gradient correlation of (CH₃)₂M moieties in testing nuclear quadrupole moments 1-37222
- Shamah, A.M. *see* Cowlan, N. 1-30939
- Shamah, I., Flynn, G. Vibrational relaxation induced population inversions in laser pumped polyatomic molecules 1-46032
- Shamkian, R.L., Troiano, A.R., Hehemann, R.F. Influence of chloride concentration on stress corrosion cracking of austenitic stainless steel in LiCl solutions 1-26654
- Shamanev, V.S. *see* Melodiev, E.A. 1-11445, 1-15528
- Shamanoov, A.A. *see* Gurvich, A.M. 1-39990
- Shamiev, T.M. *see* Gadzhiev, V.D. 1-6796

- Shamir, J. Double-beam interferometers for analysis of thin films 1-33045
- Shamir, J. see Fainman, Y. 1-37434
- Shamir, N., Shaked, H. Study of crystalline electric fields in RD_2 ($R = Tb, Dy, Ho, Er$) using neutron inelastic scattering 1-34669
- Shamolin, V.M. see Loznikov, V.M. 1-17910
- Shamonya, V.G. see Borziak, P.G. 1-52668
- Shamov, A.I., Egiasarov, B.G., Dolenko, A.V., Kutulin, S.A., Subbotin, V.N., Afanasjev, A.G., Peleganchuk, Yu.I. Automated nuclear geophysical instruments 1-32560
- Shamovskii, L.M., Rogozhin, A.A. Features of luminescence by inorganic scintillators 1-12546
- Shampai, V.F. see Matukhin, V.L. 1-12423
- Shamparova, O.S. see Aleksandrov, Yu.N. 1-13717
- Shampine, L.F. Lipschitz constants and robust ODE codes 1-22998
- Shamraev, V.N. see Kuznetsov, V.A. 1-51473
- Shamrai, V.F. see Matukhin, V.L. 1-26075
- Shamrov, N.I. see Trifonov, E.D. 1-28929
- Shamshikov, I.F. see Suvorov, V.D. 1-54038
- Shamsutdinov, Sh.G. see Krasnov, V.A. 1-37058
- Shamu, R.E., Bernstein, E.M., Ramirez, J.J., Lagrange, Ch. Effects of deformation on neutron total cross sections of even-A Nd and Sm isotopes 1-14457
- Shamu, R.E. see Lagrange, Ch. 1-704
- Shamuratos, Kh.A. see Kadyrov, M.A. 1-42854
- Shan Wang see Wang Shan
- Shan You Shao see Shao Shan You
- Shan-Ling Wu see Wu Shan-Ling
- Shanabrook, B.V., Lannin, J.S. Formation and Raman scattering of amorphous iodine 1-53093
- Shanabrook, B.V., Lannin, J.S., Hisatsune, I.C. Inelastic light scattering in a onefold-coordinated amorphous semiconductor 1-35036
- Shanahan, M.E.R., Schultz, J. Environmental stress cracking of polyethylene: analysis of the three zones of behavior and determination of crack-front dimensions 1-35424
- Shanbhag, P.V., Shashidhar, M.A., Suryanarayana Rao, K. On the electronic absorption spectra of 3-chloro-para-toluidine 1-24162
- Shand, M.L. see Chance, R.R. 1-19224
- Shands, J., Alfredsson, H., Lindgren, E.R. Annular pipe flow subject to axial motion of the inner boundary 1-11471
- Shane, L.C.K. see Davis, M.B. 1-49380
- Shanbrook, J.R. see Battaglioli, J.L. 1-13358
- Shaner, J. see Schwalbe, L.A. 1-38454
- Shaner, J.W. Photonic compression 1-29242
- Shang, H.-T., Salamon, M.B. Tricritical scaling and logarithmic corrections for the metamagnet $FeCl_2$ 1-20980
- Shang, J.S., Buning, P.G., Hankey, W.L., Wirth, M.C. Performance of a vectorized three-dimensional Navier-Stokes code on the CRAY-1 computer 1-46775
- Shang, J.S. see Mikhail, A.G. 1-19777
- Shang Erchang see Gao Tianfu 1-36499
- Shang J. Yao see Keller, R.W., Jr. 1-32306
- Shang-he Liu see Liu Shang-he
- Shang-Hoon Kim see Chang-Yeul Chi 1-815
- Shang-keng Ma see Dynamics of a vector spin-glass model 1-21009
- Shang-keng Ma see Amit, D.J. 1-40935
- Shang-Lin Weng Electron-stimulated desorption studies of O on W (110): discussion on the excitation mechanism and the binding sites of the O⁻-yielding species 1-47377
- Shang-Yuan Ren, Harrison, W.A. Semiconductor properties based upon universal tight-binding parameters 1-42671
- Shangzhu Sun see Sun Shangzhu
- Shani, G. The use of the reaction $^{93}Nb(n, n')^{93m}Nb$ for fast neutron flux measurement 1-10403
- Shani, U. A 3-D model-driven system for the recognition of abdominal anatomy from CT scans 1-53896
- Shanin, G.I. Lines of an infrared triplet of calcium in T Tau type stars and related objects 1-4911
- Shanin, G.I. see Girmak, M.B. 1-17876
- Shanin, V.K. see Maidanik, V.N. 1-10420
- Shanin, V.K. see Zvonarev, A.K. 1-5837
- Shanina, B.D. see Gokhman, V.L. 1-52868
- Shanina, B.D. see Komarov, A.V. 1-12042
- Shank, C.V., Fork, R.L., Greene, B.L., Reinhart, F.K., Logan, R.A. Picosecond nonequilibrium carrier transport in GaAs 1-47638
- Shank, C.V., Ippen, E.P., Fork, R.L., Migus, A., Kobayashi, T. Application of subpicosecond optical techniques to molecular dynamics 1-15035
- Shank, C.V. see Ippen, E.P. 1-19369
- Shank, C.V. see Hochstrasser, R. (editor) 1-49883
- Shankar, R. Solvable models with self-triality in statistical mechanics and field theory 1-44857
- Shankar, R., Jain, S.K. On weak discontinuities through thermally conducting and dissociating gases 1-2028
- Shankar, R.G. see Krishnan, R.S. 1-27692
- Shankar, S.K. see Fish, G.E. 1-25203
- Shankar Subramanian, R. see Weinberg, M.C. 1-25435
- Shankara, T.S. see Shantharama Shenoy, V. 1-32842
- Shankaraprasad, K. see Velu, E.M.T. 1-26427
- Shanker, J., Agrawal, D.P. Analysis of the repulsive hardness parameters in alkali hydrides, silver halides, and alkaline-earth fluorides 1-30131
- Shanker, J., Agrawal, H.B., Agrawal, G.G. Theory of interionic forces in alkali halide molecules 1-14974
- Shanker, J., Agrawal, S.C. Correlation between ionic radii, nuclear charges and ionization potentials 1-25192
- Shanker, J., Agrawal, S.C., Jain, V.K. Electronic polarizabilities and radii of ions in rutile-type crystals 1-30128
- Shanker, J., Jain, V.C., Singh, J.P. Analysis of the elastic properties of alkali halides 1-2554
- Shanker, J., Singh, K. The Anderson parameter and temperature dependence of bulk modulus for alkali halide crystals 1-42449
- Shanker, J., Sundaraj, R. Analysis of the dielectric behaviour of alkali halide crystals 1-12446
- Shanker, J. see Jain, V.C. 1-47201
- Shanker, J. see Sharma, O.P. 1-26108
- Shanker, K. see Holloway, P.H. 1-12996
- Shanker, O. see McWilliams, B. 1-33162
- Shanker, R., Warke, C.S. A study of the constants of the De Rejula, Georgi, Glashow phenomenological quark-quark interaction 1-10168
- Shanker, R. see Warke, C.S. 1-23474
- Shanks, B. see Barnett, A.B. 1-26899
- Shanks, H.R. see Bevoilo, A.J. 1-16202
- Shanks, H.R. see Carlone, C. 1-43121
- Shanks, H.R. see Fang, C.J. 1-39095
- Shanks, H.R. see Hochst, H. 1-47458, 1-48234
- Shanks, H.R. see Ley, L. 1-53005
- Shanks, H.R. see Pan, P.H. 1-38550
- Shanks, I.A., Tough, R.J.A., Fedak, I. Field induced twist profiles in voltage controlled circular dichroism liquid crystal cells 1-26171
- Shanks, T. see Phillips, S. 1-36410
- Shanley, C.W., Hummel, R.E., Verink, E.D., Jr. Differential reflectometry—a new optical technique to study corrosion phenomena 1-14170
- Shanley, C.W., Hummel, R.E., Verink, E.D., Jr. Differential reflectometry of corrosion products of copper 1-16940
- Shanley, J.F., Flanagan, C.T. Wide bandwidth, high sensitivity $Hg_{0.8}Cd_{0.2}$ Te photodiodes for CO₂ laser applications 1-40855
- Shanley, J.F., Flanagan, C.T., Reine, M.B. Elevated temperature n⁺-p $Hg_{0.8}Cd_{0.2}$ Te photodiodes for moderate bandwidth infrared heterodyne applications 1-40854
- Shannugasundaram, V., Mohan, R. Enhancement of dipole moment in n-butanol-carbonyl complexes 1-33576
- Shannugasundaram, V., Reddy, N.M. Theoretical gain optimization studies in CO₂-N₂ lasers. III. Inclusion of line shape effects 1-33652
- Shannon, J.L. see Givayen, R.O. 1-9370
- Shannon, J.L., Jr. see Munz, D. 1-26612
- Shannon, L.J. see Weast, T.E. 1-53687
- Shannon, R.D., Foris, C.M., Barkley, J.R. Ionic conductivity and crystallographic data for $Na_{x-1}Ca_1-Al_2SiO_4$ and $Na_{x-1}CaSi_{1-x}P_2O_4$ carnegieite phases 1-20450
- Shannon, R.D. see Beyeler, H.U. 1-38579
- Shannon, S.R. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Shanskii, L.I. see Prikhoto, A.F. 1-39123
- Shanstrom, R.T. Analysis of SPND response during the TMI-2 accident 1-10489
- Shantarovich, V.P. see Alekseeva, O.K. 1-3531
- Shantarovich, V.P. see Berlin, Yu.A. 1-43650
- Shantharam, A. see Biswas, S. 1-26634
- Shantharama Shenoy, V., Shankara, T.S. The paradox of the right-angled lever in special relativity 1-32842
- Shanthi, E., Banerjee, A., Dutta, V., Chopra, K.L. Annealing characteristics of tin oxide films prepared by spray pyrolysis 1-7763
- Shanthi, E., Dutta, V., Banerjee, A., Chopra, K.L. Electrical and optical properties of undoped and antimony-doped tin oxide films 1-42874
- Shantarovich, V.P. see Alekseeva, O.K. 1-16882
- Shao, C.-Y. No nova in Camelopardalis 1-49682
- Shao, C.-Y., Bus, S.J., Helin, E., Arp, H.C. 1976 UA 1-32643
- Shao, C.-Y., Kowal, C. 1976 WA 1-27413
- Shao, C.-Y., Schwartz, G. Periodic Comet Schwassmann-Wachmann 1-40424
- Shao, C.-Y., Schwartz, G., Seki, T., Marsden, B.G. Comet Bus (1981b) 1-49576
- Shao, C.-Y. see Bus, S.J. 1-27429
- Shao, C.-Y. see Tokar, S.P. 1-44581
- Shao, C.-Y. see Vettelgott, G. 1-49699
- Shao Bei-Bei see Goebel, K. 1-45748
- Shao Han-ru see Li Guo-dong 1-52753
- Shao Shan You see Gui Xin Wang 1-29261
- Shao-Chi Lin see Levatier, J. 1-37470
- Shao-Chi Lin see Yuh-Shuh Wang 1-37471
- Shao-Hua Pan see Pan Shao-Hua
- Shao-Tang Sun, Nishio, I., Swislow, G., Tanaka, T. The coil-globule transition: radius of gyration of polystyrene in cyclohexane 1-29155
- Shao-Tang Sun see Nishio, I. 1-42283
- Shao-Tang Sun see Tanaka, T. 1-15786, 1-43707
- Shao-Xie Xu see Xu Shao-Xie
- Shao-Yen Ko, Deng-Ying Liu Experimental investigations on effectiveness, heat transfer coefficient, and turbulence of film cooling 1-19690
- Shao-zhou Wang see Wang Shao-zhou
- Shaokang Pu see Pu Shaokang
- Shaparenko, S.E. see Paschenko, V.P. 1-39601
- Shaparev, N.Ya. Combined discharge-optical method for producing a population inversion in an atomic medium 1-24408
- Shaparev, N.Ya. see Zaitsev, N.K. 1-24981
- Shapayev, V.I. see Vershinin, Ye.F. 1-27342
- Shapet'ko, N.N. see Samoilenko, A.A. 1-6285
- Shapin, S.M. see Burenin, A.V. 1-45942
- Shapira, A. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Shapira, A. see Eisenberg, Y. 1-10274
- Shapira, Y., Alterovitz, S.A. Application of a moments method and of Laplace transforms to heat transfer experiments 1-24662
- Shapira, Y., Friedenberg, A. Dissociation of halide salts by electron beams 1-4055
- Shapira, Y. see Deutscher, G. 1-20932
- Shapiro, A., Pinder, G.F. Analysis of an upstream weighted collocation approximation to the transport equation 1-50072
- Shapiro, A.H. see Slutsky, A.S. 1-26933
- Shapiro, B.I. see Elkhov, V.A. 1-23353
- Shapiro, B.I. see Kharitonova, A.I. 1-28100
- Shapiro, E., Bloomer, J.A. A new high strength bronze for contacts, terminals and connectors 1-43531
- Shapiro, E. see Furrer, P. 1-35335
- Shapiro, G.S. see Andzhaparidze, O.E. 1-6784
- Shapiro, H.N., Kuehn, T.H. Second law analysis of the Ames solid waste recovery system 1-17182
- Shapiro, I.I. Is the Sun shrinking? 1-9465
- Shapiro, I.I. Experimental tests of the general theory of relativity 1-18142
- Shapiro, I.I. see Epstein, R. 1-23070
- Shapiro, I.I. see Ostro, S.J. 1-22710
- Shapiro, I.I. see Robertson, D.S. 1-44085
- Shapiro, I.I. see Walker, R.C. 1-54503
- Shapiro, I.H. see Bates, H.F. 1-40237
- Shapiro, M., Bersohn, R. Vibrational energy distribution of the CH₃ radical photodissociated from CH₃I 1-10711
- Shapiro, M. see Walker, R.B. 1-48669
- Shapiro, M.A. Turbulent mixing within tropopause folds as a mechanism for the exchange of chemical constituents between the stratosphere and troposphere 1-17662
- Shapiro, M.A. see Kennedy, P.J. 1-13522
- Shapiro, N.B. see Mikhailova, E.N. 1-32450
- Shapiro, N.L. see Hellens, R.L. 1-757
- Shapiro, P. see August, L.S. 1-22137
- Shapiro, P. see Lechey, P. 1-42046
- Shapiro, P. see McDonald, J.C. 1-44007
- Shapiro, P.R., Bahcall, J.N. The effects of X-ray absorption on the spectra of distant objects 1-32748
- Shapiro, R. see Miller, N.R. 1-4396
- Shapiro, S. see Aston, D. 1-50470
- Shapiro, S. see Stroynowski, R. 1-18522
- Shapiro, S.L. Gravitational radiation from colliding, compact stars: hydrodynamic calculations in one dimension 1-9353
- Shapiro, S.L., Wasserman, I. Massive neutrinos, helium production and the primordial magnetic field 1-49504
- Shapiro, S.L., Winn, K.R. Picosecond kinetics of acridine in solution 1-33493
- Shapiro, S.L. see Farouki, R. 1-44627, 1-54601
- Shapiro, S.L. see Feldman, B.J. 1-41793
- Shapiro, S.L. see Marchant, A.B. 1-9583
- Shapiro, S.M., Richter, D., Noda, Y. Lattice dynamics and low-frequency excitations of transition-metal hydrides: NbD_x, NbH_x, and TaD_x 1-47189
- Shapiro, S.M., Shirane, G., Verbeek, B.H., Nieuwenhuys, G.J., Mydosh, J.A. Neutron scattering studies of the reentrant spin-glass system PdFeMn 1-12329
- Shapiro, S.M. see Lawrence, J.M. 1-20960
- Shapiro, S.M. see Parks, R.D. 1-20670
- Shapiro, S.M. see Sinha, S.K. 1-3195, 1-47883
- Shapiro, S.V. The electrical model of a magnetostriuctive load 1-38964
- Shapiro, S.W., Martin, A., Walls, R. Multiple wave guide window 1-6023
- Shapiro, Y.A. see Abdullabekov, K.N. 1-22364
- Shapiro, V.D. see Galeev, A.N. 1-34075
- Shapiro, V.D. see Kruchina, E.N. 1-2194
- Shapiro, V.D. see Sotnikov, V.I. 1-51947
- Shapiro, Y., Pandolf, K.B., Avellini, B.A., Pimental, N.A., Goldman, R.F. Physiological responses of men and women to humid and dry heat 1-17351
- Shaplygina, T.A. see Bondarenko, V.S. 1-29410
- Shapochkin, V.A. see Zakaznov, A.P. 1-29368
- Shaposhnikov, M.E. see Ignat'ev, N.Yu. 1-13899
- Shaposhnikov, N.G. see Rusanenko, V.V. 1-3738, 1-48380
- Shaposhnikov, E.F. Proton flares in the Sun 1-27445

- Shaposhnikov, G.A. *see* Gogosov, V.V. 1-15552, 1-24888, 1-24891, 1-29757
- Shapoval, T.A. *see* Pilyankevich, A.N. 1-12866
- Shapoval, V.I. *see* Lebedev, T.S. 1-22282, 1-40069
- Shapovalov, E.T., Zektser, G.O., Baranova, L.I., Kupalova, I.K., Seregina, V.M. Potentiostatic method for studying high-speed steels and alloys 1-48607
- Shapovalov, E.T. *see* Fel'dgandler, E.G. 1-26677
- Shapovalov, S.M. *see* Fedorov, K.N. 1-54274
- Shapovalov, V.I. *see* Lisovsky, F.V. 1-25995
- Shapovalov, V.N. *see* Bagrov, V.G. 1-40941
- Shapovalov, V.P. *see* Baranskii, P.I. 1-34926, 1-38798
- Shapovalova, A.I. *see* Afanas'ev, V.L. 1-27599
- Shara, M.M. The effects of ^3He on nova outburst—a possible recurrent nova trigger 1-9500
- Shara, M.M. On the constancy of the absolute magnitude M_B (15) of a classical nova 15 days after maximum light 1-49667
- Shara, M.M., Prialnik, D., Shaviv, G. What determines the speed class of novae? 1-9501
- Sharabani, N.D. *see* Zablotskii, V.K. 1-3727
- Sharabanyan, Yu.G. *see* Alankyan, K.V. 1-41100
- Sharaf, K.A.H. *see* Abou el Ela, A.H. 1-2709
- Sharaf, M.A. Expansion theory for the elliptic motion of arbitrary eccentricity and semi-major axis. I. Analyses of the function $F^{(N)}(\theta, x_n, \xi_n) = \Pi_{i=1}^N (1 - \xi_i \sin^2 \theta)^{\alpha(i)}$ 1-40315
- Sharaf, N.A. *see* Ahmed, A.A. 1-26227
- Sharafi, A. *see* McCarthy, I.D. 1-8997
- Sharafi, M. CIVEX reprocessing technique, assessment of technology and institutional problems 1-14615
- Sharafi, P. *see* Heising, C.D. 1-10437
- Sharafutdinov, F.I., Mironov, A.I., Shchukin, V.K. Influence of stream swirling on heat transfer in the cylindrical section of the prenozzle volume of a model chamber 1-11400
- Sharafutdinov, R.G. *see* Kosov, A.V. 1-40805
- Sharafutdinov, R.G. *see* Zarvin, A.E. 1-41522
- Sharafutdinova, D.I. *see* Volyak, T.B. 1-24474
- Sharamkin, V.I. *see* Millere, R.P. 1-19830
- Sharamkin, V.I. *see* Moshynaga, V.N. 1-19829
- Sharan, S.G. *see* Sharon, M. 1-17218
- Sharan Mathili *see* Mathili Sharan
- Sharapanov, N.N. *see* Chernykh, G.Ya. 1-27274
- Sharapov, A.N. *see* Semin, A.G. 1-9290
- Sharapov, E.I. *see* Alifimov, V.P. 1-36951
- Sharapov, V.M. *see* Gorodetsky, A.E. 1-25316
- Sharapov, V.M. *see* Zakharov, A.P. 1-30483
- Sharapov, V.V. Determination of local orientation of specimens under a scanning electron microscope 1-31782
- Sharapov, V.Ya., Gorpichenko, V.M. Equipment for fatigue tests of flat specimens under biaxial loading 1-21665
- Sharavini, A.M. *see* Naumov, V.A. 1-13666
- Sharayevskiy, I.G. *see* Ornatskiy, A.P. 1-29681
- Sharchevich, L.I. *see* Entov, V.M. 1-51837
- Share, G. *see* Skinner, G.K. 1-17906
- Sharf, D.J. *see* Ohde, R.N. 1-11260, 1-37719
- Sharfin, W. *see* Johnson, K.E. 1-39659
- Sharfman, N. *see* Bionta, R.M. 1-28342
- Sharif, A., Jacquet, M.A., Simonnet, G., Engler, R. A simple and economical procedure for liquid scintillation counting of tritiated compounds on glass-fibre filter discs 1-27032
- Sharif, R.I., Thorp, J.S., Kavanagh, S.A. Some electrical characteristics of lithium and yttrium silions 1-38776
- Sharif, T.A. *see* Kung, E.C. 1-4580
- Sharikov, G.A. *see* Lyabin, A.A. 1-16525
- Sharipdzhanov, I.I. *see* Altshuler, L.V. 1-46779
- Sharipova, L.V. *see* Berlin, A.B. 1-17898
- Sharko, A.V. *see* Antsifirov, V.V. 1-31817
- Sharkov, A.V. *see* Kryukov, P.G. 1-4248, 1-35752
- Sharkov, A.V. *see* Shuvalov, V.A. 1-17359
- Sharma, A., Ghatak, A.K. A variational analysis of single mode graded-index fibers 1-41856
- Sharma, A., Kanwar, S. Baryon magnetic moments in a quark model 1-45287
- Sharma, A., Monga, M.R., Pathak, K.N. Damping of plasmons in electron liquid 1-7548
- Sharma, A. *see* Ahrens, F.W. 1-35711
- Sharma, A. *see* Gupta, B.D. 1-22010
- Sharma, A. *see* Gupta, M. 1-23443
- Sharma, A. *see* Khular, E. 1-46552
- Sharma, A.K., Jayarama Reddy, P. Implantation of nitrogen ions in InSb and InAs thin films 1-7193
- Sharma, A.K., Jayarama Reddy, P. Electrical properties of amorphous and crystalline InSb and InAs thin films 1-20729
- Sharma, A.K., Kaur, R., Verma, H.R., Suri, K.K., Trehan, P.N. Decay of ^{56}Co to levels in ^{55}Fe 1-28413
- Sharma, A.K., Sinha, H.P. Many-body interactions in the lattice dynamics of zinc and cadmium 1-42484
- Sharma, A.K. *see* Kaur, R. 1-10319, 1-33219, 1-45449
- Sharma, A.K. *see* Naidu, B.S. 1-34704
- Sharma, A.K. *see* Pandey, P.C. 1-44337
- Sharma, A.K. *see* Sooch, S.S. 1-14460
- Sharma, A.P. *see* Kumar, V. 1-5806, 1-33207
- Sharma, A.P. *see* Yadav, J.S. 1-23945
- Sharma, B.D. *see* Patil, R.V. 1-16094
- Sharma, B.D. *see* Raghunathan, V.S. 1-52339
- Sharma, B.K. Simple expressions for lattice Gruneisen parameters of simple liquids through internal pressure-temperature behaviour 1-15781
- Sharma, B.K. Estimation of limiting solid volume of polar substances: an analytical method 1-25407
- Sharma, B.K. Evaluation of the temperature coefficient of ultrasonic velocity from internal pressure-temperature data of polymers 1-34426
- Sharma, B.K. An examination of the relationship between the lattice and thermodynamic Gruneisen parameters of liquefied gases 1-34447
- Sharma, B.K. Effective Debye temperature and pseudo-Gruneisen parameter of simple liquids on the basis of viscous flow mechanism 1-42497
- Sharma, B.K. Lattice and thermodynamic Gruneisen parameters of liquid mercury 1-47198
- Sharma, B.K. A semi-empirical formula for the viscosity of liquids 1-47272
- Sharma, B.K. *see* Calder, I.D. 1-20498
- Sharma, B.K. *see* Garg, K.B. 1-26303
- Sharma, B.K. *see* Jain, D.C. 1-31230
- Sharma, C.S. Mackey's eighth axiom and quantum logics 1-23044
- Sharma, D. *see* Joshi, I.D. 1-53118
- Sharma, D.D., Ram, K.S. Fault tree analysis of CANDU shut-down system 1-18785
- Sharma, D.D., Sri Ram, K. CANDU reactor shut-down system unavailability estimation 1-50833
- Sharma, D.L. *see* Indurakha, B. 1-43743
- Sharma, D.P. *see* Rao, U.R. 1-49595
- Sharma, D.R. *see* Choudhary, R.S. 1-2165
- Sharma, H.P. *see* Sharma, O.P. 1-26108
- Sharma, H.V., Singh, I. A simple model for magnetic-nonmagnetic ground state of mixed-valence systems 1-52529
- Sharma, J.K. *see* Kumar, S. 1-2187
- Sharma, J.K. *see* Mukunda, N. 1-162
- Sharma, J.K.N., Dutta, P.K. Aspects of noise in rotary vacuum pumps 1-29449
- Sharma, J.K.N. *see* Gupta, A.C. 1-5335
- Sharma, J.S. *see* Johri, A.K. 1-6894
- Sharma, K.C., Tripathi, R.S. A note on the low temperature Lorentz number in spin glasses 1-34681
- Sharma, K.D. *see* Mukerji, J. 1-39587
- Sharma, K.K., Bal, K.D., Parshad, R., Lal, N., Nagpal, K.K. Paleo-uplift and cooling rates from various orogenic belts of India, as revealed by radiometric ages 1-35970
- Sharma, K.K., Boyd, R.J. Spin density distributions in radical anions of heterocyclic amine N-oxides 1-37108
- Sharma, K.K., Erickson, L.E. Observation of nuclear spin-spin structure in zero and low external static magnetic fields 1-43041
- Sharma, K.K. *see* Goyal, M.L. 1-41776, 1-51542
- Sharma, K.N. *see* Sharma, R.C. 1-37901
- Sharma, K.S. *see* Koziar, K.S. 1-1397
- Sharma, L.K. *see* Chandran, Iyer, R. 1-36522
- Sharma, L.K. *see* Choubey, J. 1-23035
- Sharma, L.K. *see* Kulkarni, S.V. 1-45109
- Sharma, M.K. *see* Jhanwar, B.L. 1-19183
- Sharma, M.L. *see* Lummoore, R.J. 1-36006
- Sharma, M.L. *see* Muralidhar Rao, J.V. 1-23790
- Sharma, M.N. *see* Gupta, C.L. 1-16006
- Sharma, M.N. *see* Pande, M.K. 1-1833
- Sharma, M.P. Two-photon resonance fluorescence from a three level system 1-6201
- Sharma, M.P., Balbin Villaverde, A., Mavroyannis, C. Resonance fluorescence spectra from a three-level atom interacting with a strong bichromatic field 1-19048
- Sharma, M.P., Singh, G. A low lift solar water pump 1-8683
- Sharma, M.P. *see* Mavroyannis, C. 1-1165
- Sharma, N.K. *see* Demus, D. 1-20366
- Sharma, N.K. *see* Schneider, F. 1-42299
- Sharma, N.K. *see* Weissfogel, W. 1-20367
- Sharma, N.L. *see* Bhutani, O.P. 1-29719
- Sharma, O.P., Sharma, H.P., Shanker, J. Applications of the shell model to the pressure dependence of the dielectric constants of alkali halides 1-26108
- Sharma, P., Auluck, S. Wave-vector-dependent dielectric function for a model semiconductor 1-42711
- Sharma, P.C. Performance of conical diffusers 1-24880
- Sharma, P.C. *see* Radhakrishnan, V. 1-2579, 1-16113
- Sharma, P.D., MacDonald, J.C.F. Dose distribution around radical arrays used in the treatment of uterine carcinoma 1-44002
- Sharma, P.K. *see* Goyal, V.K. 1-2585, 1-42501
- Sharma, R.C., Chang, Y.A. A thermodynamic analysis of the copper-sulphur system 1-48328
- Sharma, R.C., Sharma, K.N. Magneto-thermohaline convection through porous medium 1-37901
- Sharma, R.G., Kishan, H., Tripathi, T.C. An apparatus for measuring thermal conductivity of insulating materials at low temperatures 1-5324
- Sharma, R.G. *see* Pathak, R.P. 1-6896
- Sharma, R.K., Gupta, G.P., Mathur, K.C. Excitation of hydrogen and helium from the metastable excited S states by electron impact 1-1379
- Sharma, R.K., Singh, R.V., Tandon, J.P. Biscyclopentadienyl titanium(IV) complexes of monofunctional bidentate ketamines 1-21713
- Sharma, R.P., Kurup, M.B., Prasad, K.G., Bhattacharya, P.K. Comparison of channeling dips for backscattering and M X-ray yields in UO_2 single crystal 1-47125
- Sharma, R.P., Prasad, K.G., Bogh, E. Study of dechanneling of energetic protons in Al-single crystal 1-2539
- Sharma, R.P. *see* Sodha, M.S. 1-19899, 1-46897
- Sharma, R.R., Viccaro, M.H. de A., Sundaram, S. Generalized d-electron interaction matrices—their derivation and impact on existing results 1-42729
- Sharma, R.R. *see* Pande, M.K. 1-11833
- Sharma, S., Iyengar, N.G.R., Murthy, P.N. Buckling of antisymmetric cross- and angle-ply laminated plates 1-33919
- Sharma, S. *see* Pant, H.C. 1-2212, 1-42176
- Sharma, S.C. *see* Datta, P.S. 1-22368
- Sharma, S.C. *see* Williamson, J.F. 1-44010
- Sharma, S.C.L., Mehta, G.K. Long-range alpha-particle detection in a cellulose nitrate track detector 1-23971
- Sharma, S.C.L., Mehta, G.K., Choudhury, R.K., Nadkarni, D.M., Kapoor, S.S. Multiparameter study of ^1H , ^3H and ^4He in fast neutron induced fission of ^{235}U 1-50667
- Sharma, S.D. *see* Garg, V.P. 1-45420
- Sharma, S.D. *see* Goel, R.K. 1-24131
- Sharma, S.K. Microscopic description of the high-spin yrast spectra in some doubly even zinc, germanium, and selenium isotopes 1-23547
- Sharma, S.K., Debi, S. On the accuracy of some approximate methods for weight and size determination of spherical particles by forward light scattering 1-4127
- Sharma, S.K., Mao, H.K., Bell, P.M. Raman spectra of supercritical phases and crystalline solids of $n\text{-H}_2$ and $n\text{-D}_2$ under very high pressures 1-39108
- Sharma, S.K., Palanichamy, P. Amplification of acoustic waves in a piezoelectric semiconductor by applications of an electron density gradient 1-38474
- Sharma, S.K., Simons, B., Mammon, J.F. Relationship between density, refractive index and structure of B_2O_3 glasses at low and high pressures 1-30078
- Sharma, S.K. *see* Adams, D.M. 1-48075
- Sharma, S.K. *see* Daftari, I.K. 1-45370
- Sharma, S.K. *see* Goel, R.K. 1-14879
- Sharma, S.K. *see* Kaul, G.L. 1-33267
- Sharma, S.K. *see* Paul, S.K. 1-32498
- Sharma, S.K. *see* Sanyal, N.K. 1-41375
- Sharma, S.K. *see* Vijay Kumar, D. 1-32023
- Sharma, S.N., Gupta, R.B., Gupta, P.L. Infrared absorption spectra of 8-hydroxy quinoline 1-41374
- Sharma, S.N. *see* Goel, R.K. 1-24131, 1-33458
- Sharma, S.N. *see* Sanyal, N.K. 1-33460, 1-41375
- Sharma, S.P. *see* Draper, C.W. 1-43610
- Sharma, S.P. *see* Jain, H.C. 1-46857
- Sharma, U.C., Verma, M.P. On the pressure derivatives of the second-order elastic constants of ionic solids 1-30292
- Sharma, V.C. Direct energy conversion: an attractive option for developing countries 1-21879
- Sharma, V.D. Weak discontinuities in magneto-hydrodynamics 1-11532
- Sharma, V.D. Non-equilibrium flow of an ideal dissociating gas behind an attached shock wave 1-51808
- Sharma, V.D., Shyam, R. The onset of converging and diverging shock waves in non-equilibrium gas flows 1-6872
- Sharma, V.S. *see* LaGattuta, K.J. 1-32087
- Sharma, Y.K. Evaluation of critical currents and voltages in the single injection current in an insulator 1-12115
- Sharma, Y.P., Saw, C.K., Pickart, S.J. Structure simulation of amorphous monatomic and binary systems 1-30062
- Sharmam, C.N. *see* Winter, J.G. 1-50197
- Sharon, A., Itzhak, D., Kornblit, L., Grill, A. Electrical conductivity of hot-pressed magnesia 1-12111
- Sharon, A., Itzhak, D., Kornblit, L., Grill, A. Electrical conductivity of hot-pressed magnesia: effect of heat treatment 1-53306
- Sharon, B. *see* Friesen, A.A. 1-10942
- Sharon, B. *see* Kimmel, G. 1-11722
- Sharon, J. *see* Klein, I.E. 1-53345
- Sharon, M., Sharan, S.G., Prasad, B.M., Bhogali, A.P., Pradhananga, R.R. Saur-Vidyut Kosh—the solar cell 1-17218

- Sharonova, L.V. see Biryulin, Yu.F. 1-26370
 Sharonova, L.V. see Kadyrov, M.A. 1-42854
 Sharov, A.A. see Bugrov, V.Ya. 1-25799
 Sharov, A.F. see Bondarenko, V.S. 1-25766
 Sharov, A.S., Lyutyi, V.M. Photometry of the central region of the Andromeda Nebula 1-44644
 Sharov, A.S., Lyutyi, V.M., Esipov, V.F. Photoelectric photometry of globular clusters in the Andromeda Nebula and its companion NGC 147, VI 1-4946
 Sharov, V.I. see Ablev, V.G. 1-18507
 Sharovarov, G.A. see Skurat, V.V. 1-50748
 Sharovskii, B.V. see Samsonov, G.V. 1-21402
 Sharoyan, E.G. see Asatryan, H.R. 1-26030
 Sharp, A.D.L., Davis, P.M., Gray, F. A low velocity zone beneath Mount Etna and magma storage 1-9140
 Sharp, D. see Bender, C.M. 1-45150
 Sharp, D.H. Radiation reaction in nonrelativistic quantum theory 1-14284
 Sharp, D.H. A local gauge-invariant formulation of quantum electrodynamics 1-14290
 Sharp, D.H. see Barnes, J.F. 1-6797
 Sharp, D.H. see Clark, T.E. 1-23052
 Sharp, D.R. see Richardson, D.C. 1-14667
 Sharp, G.H., Joyner, R.W. Simulated propagation of cardiac action potentials 1-8834
 Sharp, N.A. Efficiency of quasispherical black hole accretion 1-18113
 Sharp, N.A. see Bonometto, S.A. 1-27622
 Sharp, P., Marshall, I. The usefulness of indices measuring gamma camera non-uniformity 1-43965
 Sharp, R.D. see Powell, G.L. 1-20463
 Sharp, R.M. see Truman, S.D. 1-31603
 Sharp, R.P. Geomorphological processes on terrestrial planetary surfaces 1-13715
 Sharp, R.T. see Patera, J. 1-452
 Sharp, S. see Schulze, W.A. 1-23202
 Sharp, W.M., Lampe, M. Steady-state treatment of relativistic electron beam erosion 1-29204
 Sharpe, C.D., Lilley, P. The electrolyte-silicon interface: anodic dissolution and carrier concentration profiling 1-20868
 Sharpe, K.R. see Nadler, R.D. 1-13299
 Sharpe, S. see Mattei, J. 1-54511
 Sharpe, W.N., Jr. A minicomputer-controlled laser-interferometric technique for crack tip opening displacement 1-23299
 Sharpe, W.N., Jr. see Bagaria, W.J. 1-15457
 Sharpey-Schafer, J.F. see Hauser, O. 1-34963
 Sharpey-Schafer, J.F. see Daniel, R. 1-45400
 Sharples, F. see Fisher, L.R. 1-32958
 Sharpless, R.L. see Tang, K.Y. 1-39590
 Sharpton, F.A. see Filippelli, A.R. 1-37335
 Sharshakov, I.M. see Korshunov, A.I. 1-42535
 Sharshukov, G.K. see Bandin, O.N. 1-41956
 Sharshukov, G.K. see Podgorniy, A.S. 1-35480
 Shartel, A. see Petersen, K. 1-40782
 Sharygin, L.M., Gonchar, V.F., Barybin, V.I. Hydrated SnO₂ obtained by the sol-gel method [adsorption-desorption study] 1-39675
 Sharygin, V.S. see Semenov, M.V. 1-35601
 Sharykin, N.K. see Braude, S.Ya. 1-54400
 Sharyl, V.M. see Mikhailovskaya, E.V. 1-8119
 Sharyo, T. see Ajiro, Y. 1-39017
 Sharypin, V.I. see Selivanov, V.M. 1-28589
 Sharypov, A.Z. see Portnoi, K.I. 1-31555
 Shashidhar, M.A. see Shanbhag, P.V. 1-24162
 Shashidhara Prasad, J. see Rajalakshmi, P.K. 1-16564
 Shashidhara Prasad, J. see Shivaprakash, N.C. 1-15788, 1-16565
 Shashilov, V.P., Vladimirova, L.I., Pavlinskii, G.V. Absorption of X-rays by heterogeneous samples with continuous grain-size distribution 1-21292
 Shashkin, S.Yu., Nikiforov, A.E., Krotkii, A.I. Calculation of the Jahn-Teller coupling constants of Ni²⁺ and Ti³⁺ ions in crystals 1-25672
 Shashkov, A.G., Khudis, B.M. Structural analysis of the conjugate problem of nonsteady heat exchange at the stagnation point of a stream 1-11403
 Shashkov, M.Yu. see Goloviznin, V.V. 1-34113
 Shashkolskaya, M.P. see Chan Hai Guin 1-20231
 Shashkolskaya, M.P. see Dudnikova, V.B. 1-20385
 Shashkolskaya, M.P. see Rogalin, V.E. 1-52134
 Shastri, A.R., Williams, J.G., Zwegrowski, P. Kinks in general relativity 1-18084
 Shastry, S. see Weiss, R.C. 1-50482
 Shastry, S.K. see Ghandhi, S.K. 1-48835
 Shastry, S.K. see Weiner, A.S. 1-26833
 Shataev, V.G. see Barbashov, V.M. 1-24703
 Shatalin, A.S. see Borzykh, A.A. 1-12698
 Shatalin, S.V. see Kutev, B.V. 1-2252
 Shatalov, L.N. Use of high energy rate discharge effect for the automatic balancing of rotors 1-34176
 Shatalov, O.P. see Zabelinskii, I.E. 1-6256
 Shatalov, V.E. see Sternin, B.Yu. 1-19248
 Shatanov, A.A. see Gleizer, I.Z. 1-24351, 1-50165
 Shatashvili, L.Kh. see Dzhashivili, T.V. 1-36148
 Shatashvili, L.Kh. see Naskidashvili, B.D. 1-36140
 Shaternikov, V.E. see Burov, V.N. 1-35490
 Shatil', A.A. see Alekhovich, A.N. 1-31977
 Shatinskii, V.F., Nesterenko, A.I. Determining the diffusion coefficients from the distribution of the components of a coating in isothermal holding 1-53354
 Shatinskii, V.F. see Goikhan, M.S. 1-35438
 Shatinskii, V.F. see Rybakov, S.V. 1-3987
 Shatinskii, V.M. see Baranov, S.A. 1-28417
 Shat'ko, I.I. see Koval', Yu.F. 1-5306
 Shatkov, A.D. see Kuznetsov, V.L. 1-51354
 Shatokin, A.M. see Bochkov, A.V. 1-12864, 1-53291
 Shatokin, S.A. see Dement'ev, V.A. 1-19075
 Shatokin, V.N. see Gitarts, Ya.I. 1-44346
 Shatrov, A.D. Reducing the dispersion of a pulse signal in a multimode fiber through coupling of degenerate modes 1-1711
 Shatsev, A.N. see Andreev, A.A. 1-24937
 Shatsilov, V.I. see Neresov, I.L. 1-22247
 Shatsikh, Yu.V. see Buchinskii, Ya.V. 1-18247
 Shatunov, Yu.M. see Derbenev, Ya.S. 1-14712
 Shatunov, Yu.M. see Vasserman, I.B. 1-40991
 Shatunov, Yu.M. see Zolentz, A.A. 1-14381
 Shatynski, S.R., Dannemann, K.A. Hot corrosion of an aligned Co-based, TaC-strengthened eutectic alloy 1-31747
 Shau-Jin Chang Semiclassical methods in field theories 1-28209
 Shau-Jin Chang, Wright, J. Transitions and distribution functions for chaotic systems 1-50053
 Shaikat, A. see Singh, R.D. 1-47587
 Shaulov, A. see Loiacono, G.M. 1-26138
 Shaulov, A. see Seymour, R.J. 1-26114
 Shaumeyer, J.N. see Behringer, R.P. 1-33959
 Shavalev, M.Sh. Radial diffusion in the Poiseuille flow of a gas mixture 1-19807
 Shaver, I.Kh., Krongauz, V.G., Rozhkov, V.D. New luminescence method for X-ray, gamma, and neutron detection 1-23978
 Shaver, P.A. Why is observable radio recombination line emission from galactic H II regions always close to LTE? 1-13828
 Shaver, P.A. Accurate electron temperatures from radio recombination lines 1-32738
 Shaver, P.A. see van Gorkom, J.H. 1-54587
 Shavitt, I., Redmon, L.T. Quasidynamical perturbation theories. A canonical van Vleck formalism and its relationship to other approaches 1-32863
 Shavitt, I. see Bauschlicher, C.W., Jr. 1-6341
 Shaviv, G. see Contini, M. 1-36372
 Shaviv, G. see Livio, M. 1-4985
 Shaviv, G. see Shara, M.M. 1-9501
 Shavlov, A. see Jacco, J.C. 1-26377
 Shavlova, T.S. see Sedov, V.M. 1-28597
 Shavlovskii, E.N. see Tkachenko, Yu.G. 1-8483
 Shavokhina, N.S. see Chernikov, N.A. 1-27777
 Shavratsky, S.Kh. see Pelinovsky, E.N. 1-18046
 Shavrin, P.I. see Savenko, I.A. 1-27346
 Shavrov, V.G. see Gurevich, V.A. 1-3216
 Shavtvalov, L.Ya. see Avchukhov, V.D. 1-45386
 Shavrin, V.N. see Verigin, A.M. 1-16033
 Shaw, A., Fisher, J. Calibration of some instruments for measuring peak expiratory flow 1-35902
 Shaw, C.J. see Chan, S.L. 1-16406
 Shaw, D., Bruckner, A.P., Hertzberg, A. A new method of efficient heat transfer and storage at very high temperatures 1-48912
 Shaw, D. see Gordon, R.E. 1-8956
 Shaw, D.A., King, G.C., Read, F.H. An investigation of inner-shell excited states near the L_{2,3} edges of Cl₂ using electron impact excitation with high resolution 1-24269
 Shaw, D.N. Screw compressor electric heat pump systems for space conditioning applications 1-35683
 Shaw, D.T. see Chou, K.H. 1-29655
 Shaw, E.D., Patel, C.K.N. Theoretical considerations for FELs in the far infrared 1-15143
 Shaw, E.D., Patel, C.K.N. Use of intracavity filters for optimization of far-infrared free-electron lasers 1-37452
 Shaw, G.E. Optical, chemical and physical properties of aerosols over the antarctic ice sheet 1-17641
 Shaw, G.L., Slansky, R. E_g model with composite muon and τ families 1-10127
 Shaw, G.L. see Roney, K.J. 1-26891
 Shaw, H.E., Sandberg, R.O., Hovey, G.K. TMI-2 status of recovery and future plans 1-50839
 Shaw, H.J. see Bergh, R.A. 1-11107
 Shaw, H.J. see Cutler, C.C. 1-11110
 Shaw, M.C. A new mechanism of plastic flow 1-39371
 Shaw, M.J. see Craddock, D. 1-29270
 Shaw, M.J. see Edwards, C.B. 1-41672
 Shaw, M.T. Cold forming of polymeric materials 1-39305
 Shaw, R. Strange attractors, chaotic behavior and information flow 1-40643
 Shaw, R., Hardcastle, J.A., Jusoh, A.R.B., Bongkik, M.J. Experimental data recording and analysis using a PET minicomputer 1-40764
 Shaw, R. see Allara, D.L. 1-9777
 Shaw, R. see Magaw, R. 1-50953
 Shaw, R.A., Miller, A.D., Naughton, M.D. Exposure and radiation: United States experience 1-28746
 Shaw, R.F., Ghosh, A.K. Selenium heterostructure solar cells 1-4204
 Shaw, R.M. A coordinated system of maintaining and disseminating the volt 1-36623
 Shaw, R.R., Gunnert, D.A. A test of two theories for the low-frequency cutoffs of nonthermal continuum radiation 1-9325
 Shaw, R.S., Bridges, F., Crutchfield, J.P., Rosenblum, B. Unexplained helium film effect with microwave dielectric resonators 1-26152
 Shaw, R.W., Jr. see Stevens, R.K. 1-53732
 Shaw, S.J. see Gledhill, R.A. 1-8525
 Shaw, S.W.K. see Cutler, C.P. 1-31574
 Shaw Sen-Yen. See Sen-Yen Shaw
 Shawk, G.S.A., El-Sherbiny, M.G., Salem, F.B. Nucleation and interface formation in thin films 1-34600
 Shay, J.L. see Hackwood, S. 1-39065
 Shay, T.M., Hansen, F., Jordan, M.C., Gookin, D., Schimitschek, E.J. Small signal gain, fluorescence and energy deposition in an HgBr₂/HgBr dissociation laser 1-37479
 Shaya, E. see Loewenstein, R.F. 1-44485
 Shaya, E.J. see Federman, S.R. 1-44601
 Shayegan, M. see Dresselhaus, G. 1-38705
 Shayegan, M. see Dresselhaus, M.S. 1-47436
 Schagin, A.V. see Andreev, G.B. 1-5770
 Schagina, N.M. see Ivanov, N.R. 1-8006
 Schagina, N.M. see Ivanova, T.I. 1-8020
 Schachin, P.M. see Bugaev, S.P. 1-36769
 Schcheton, A.F. see Bulkin, A.P. 1-23918
 Schchedrin, B.M. see Rol'bin, Yu.A. 1-2283
 Schchedrina, L.V. see Ioskovskii, M.A. 1-26130
 Schchedrina, O.I. see Vodolaskii, L.A. 1-22084
 Schcheglov, P.V. see Tokovinin, A.A. 1-4779
 Schcheglov, V.A. see Fedorov, A.M. 1-292
 Schcheglov, V.A. see Stepanov, A.A. 1-24415, 1-48681
 Schcheglov, V.I. Excitation of asynchronous domain-wall oscillations in yttrium iron garnet by an RF magnetic field 1-34906
 Schcheglova, L.M. see Abdrhmanov, E.O. 1-722
 Schcheglova, O.V. see Orlov, D.L. 1-39480
 Schcheglova, Z.N. see Petrovskii, G.T. 1-42319
 Schchegolev, B.F. see Lazarev, A.N. 1-41520
 Schchegolev, E.A. see Polyakov, V.V. 1-16005
 Schchegolev, S.Yu. see Ramazanov, K. 1-4126
 Schchegoleva, N.N. see Ivanova, G.V. 1-26465
 Schchekanenko, R.A. see Kotov, V.A. 1-26687
 Schchekin, K.I. see Beda, A.G. 1-10575
 Schchekin, Yu.A. Are high-velocity H I clouds galactic objects? 1-49764
 Schchelev, M.Ya. see Platonov, V.N. 1-15650
 Schchelikov, O.D. Liquid-phase equilibrium in the In-Te system 1-42528
 Schchelkachev, A.V. see Goloviznin, V.V. 1-50330
 Schchelkachev, M.V. Taylor instability in an electromagnetic field 1-19819
 Schchelchakov, I.V. see Burtsev, S.A. 1-3864
 Schchelkin, A.P. see Chuchurina, E.N. 1-18259
 Schchelokov, A.N., Vorob'ev, A.V. Cascade conversion in LiI₂ crystal for parametric generation of light with noncollinear interaction 1-1635
 Schchelokov, A.N. see Babin, A.A. 1-1634
 Schchelokov, A.N. see Batavina, V.V. 1-16917
 Schchelokov, A.N. see Pryalkin, V.I. 1-33764
 Schchepetov, S.V. see Koryzhnikh, L.M. 1-24953
 Schchepinov, V.P., Yakovlev, V.V. Investigation of deformation of parts by the method of holographic interferometry 1-41991
 Schchepkin, M.G. see Kobzarev, I.Yu. 1-36838
 Schchepkin, M.G. see Martem'yanov, B.V. 1-18468
 Schcherba, L.D. see Dushin, R.B. 1-33410
 Schcherbachenko, L.A. see Perevertaev, V.D. 1-50195
 Schcherbachenko, R.I. see Kovdrya, Yu.Z. 1-20490
 Schcherbak, A.N. see Komarov, N.S. 1-13770, 1-44564
 Schcherbak, L.P. see Feichuk, P.I. 1-16092
 Schcherbak, S.B. see Makhviladze, G.M. 1-46767
 Schcherbak, S.F. see Antipenko, A.P. 1-45555
 Schcherbak, V.I. Kinetics of the development of radiation damage in neutron bombarded nickel 1-42426
 Schcherbak, V.I., Kostromin, L.G., Dmitriev, V.D. Effects of temperature drop on swelling of steel Kh18N9 along wall of case of control and safety system 1-28601
 Schcherbakov, A.A. see Aleksandrov, G.G. 1-2420, 1-30217
 Schcherbakov, A.A. see Grabov, V.M. 1-15664
 Schcherbakov, A.A. see Gradov, V.M. 1-46661
 Schcherbakov, A.G. see Bychkov, V.D. 1-17877
 Schcherbakov, A.G. see Girmak, M.B. 1-17876
 Schcherbakov, A.G. see Malanushenko, V.P. 1-27519
 Schcherbakov, A.G. see Plachinda, S.I. 1-27520
 Schcherbakov, A.S., Prekul, A.F., Pomortsev, R.V. Activation conductivity in alloys with negative temperature resistance coefficients 1-2938
 Schcherbakov, E.A. see Bozhevol'nyi, S.I. 1-51605
 Schcherbakov, G.V. see Barsov, S.G. 1-16518
 Schcherbakov, G.V. see Dakhno, L.G. 1-40995
 Schcherbakov, Yu.A. see Balrest, F. 1-28504
 Schcherbakov, Yu.A. see Nikhitu, F. 1-45544
 Schcherbakova, I.L. see Gudkova, K.V. 1-37568
 Schcherbakova, I.M. see Tulina, V.V. 1-16161

- Shcherbakova, L.G., Kolesnikov, A.V., Breusov, O.N. The systems $\text{TiO}_2\text{-Ln}_2\text{O}_3$ under the influence of shock waves 1-39598
- Shcherbakova, L.G. see Sukhanova, G.E. 1-21442
- Shcherbakova, M.Ya. see Istomin, V.E. 1-7572
- Shcherbakova, T.I., Tsar'kova, M.B., Putimsev, B.N. Effect of purity on the magnetic properties of alloy 79NM 1-42982
- Shcherbakova, Z.A. see Stepanian, N.N. 1-17804
- Shcherbakova, Z.A. see Stepanyan, N.N. 1-27444
- Shcherbedinski, G.V. see Volnov, V.O. 1-47967
- Shcherbin, V.I. see Bulkin, V.S. 1-45514
- Shcherbina, D.M., Profatilo, N.I., Orlov, V.A., Mavashev, Yu.Z. Instruments for measuring the parameters related to intensive radiation fluxes 1-27988
- Shcherbinin, E.V. see Millere, R.P. 1-19830
- Shcherbinin, N.I. see Bragin, A.A. 1-27289
- Shcherbinin, V.E. see Benkleykaya, N.P. 1-27928
- Shchetilina, E.A. see Shorshorov, M.Kh. 1-3887
- Shchetin, O.I. see Dmitriev, A.B. 1-10601
- Shchetin, O.I. see Malyshev, E.K. 1-23983
- Shchetin, Yu.I. see Beresnev, V.K. 1-49401
- Shchetinina, G.N. see Ivanyutin, L.A. 1-38315
- Shchetinina, N.A. see Zhadan, S.Z. 1-13082
- Shchitov, A.P. see Kostyuchenko, V.I. 1-9041
- Shchukin, E.D. see Kuchumova, V.M. 1-7172
- Shchukin, E.R. see Yalamov, Yu.I. 1-25535
- Shchukin, I.V. see Bakunov, A.O. 1-38025
- Shchukin, V.A. see Moiseeva, N.N. 1-39573
- Shchukin, V.K., Khalatov, A.A., Kozhevnikov, A.V. Structure of a swirled stream in a cylindrical channel with uniform injection 1-11464
- Shchukin, V.K., Koval'nov, N.N., Filin, V.A., Mironov, A.I., Nadyrov, N.A. Heat transfer of gas-particle flows in nozzles 1-15530
- Shchukin, V.K. see Gortyshev, Yu.F. 1-18220
- Shchukin, V.K. see Sharafutdinov, F.I. 1-11400
- Shchukin, Yu.K. see Sollogub, V.B. 1-22281
- Shchukina, N.G. Deviation from local thermodynamic equilibrium in the solar atmosphere: I. Methodology. The line source function 1-36261
- Shchuplyak, I.A. see Verigin, A.N. 1-7106
- Shchurenko, A.A. see Rozov, B.S. 1-18213
- Shchurin, V.N., Kovalev, S.D. An experimental set-up to investigate fluid dynamics and heat transfer involving N_2O_4 vapor barbotage through a liquid layer 1-17991
- She, C.Y., Fairbank, W.M., Jr., Exton, R.J. Measuring molecular flows with high-resolution stimulated Raman spectroscopy 1-42108
- She, C.Y. see Pan, C.L. 1-10690
- She Yong-bo see Xu Li-wen 1-52927
- Shea, J. see Erents, S.K. 1-25056
- Shea, J.H., Conlon, T.W. Fission fragment implantation: a new technique for surface activation 1-25310
- Shea, J.H., Soffield, C.J., McCracken, G.M., Evans, J.H., Bridwell, L.B., Malinowski, M. Analysis of hydrogen isotopes in the wall of the DITE Tokamak 1-25042
- Shea, J.H. see Asher, J. 1-25311
- Shea, R.F. Oxygen-iodine kinetics 1-51467
- Sheaff, M. see Pondrom, L. 1-45286
- Sheaff, M. see Yamin, P. 1-45372
- Sheahan, N.F., Pavia, D., Bateman, J.R.M., Agnew, J.E., Clarke, S.W. A technique for monitoring the inhalation of cigarette smoke in man, using krypton-81m 1-8981
- Shearen, T.P. see Kreider, K.G. 1-18233
- Shealy, D.L. see Rhodes, P.W. 1-11056
- Shealy, D.L. see Strobel, G.L. 1-11060
- Sheard, F.W. Harmonic phonon absorption in a coupled spin-phonon system 1-15972
- Sheard, F.W., Fletcher, J.F. Kapitza conduction via non-localized interface modes 1-20545
- Sheard, F.W. see Matthews, J.C. 1-5057
- Sheard, F.W. see Nakayama, T. 1-20502
- Shearer, J.A.L. Observations of Cerenkov radiation produced in large cosmic ray showers at 1500 M above sea-level 1-17744
- Shearer, J.W., Beasley, J.W., Reyenga, A., Steinberg, D. Xenon shock waves driven by high magnetic fields 1-33983
- Shearer, J.W. see Steinberg, D.J. 1-37969
- Shearman, E.D.R. Remote sensing of the sea-surface by dekametric radar 1-17707
- Shearman, R.J. The Meteorological Office archive of machine data 1-54251
- Sheasby, J.S., Brown, J.D. The use of SIMS in the oxidation of metals 1-31767
- Sheasby, P.G., Patrie, J., Badia, M., Cheetham, G. The colouring of anodized aluminium by means of optical interference effects 1-21641
- Shechko, G.T. see Zakharov, Yu.A. 1-35852
- Shechter, H., Brenner, R., Suzanne, J. Observation of a two-step melting in the submonolayer region of tetramethyltin $\text{Sn}(\text{CH}_3)_4$ adsorbed on (0001) graphite, by Mossbauer spectroscopy 1-16176
- Shechtman, D. see Dirnfeld, S.F. 1-16891
- Shechtman, D. see Lipsitt, H.A. 1-8388
- Shechtman, D. see Mirsky, U. 1-11755
- Shechtman, S.A. see Czyzak, S.J. 1-22859
- Sheedy, J.E. Fixation disparity analysis of oculomotor imbalance 1-35774
- Sheeley, N.R., Jr. The influence of differential rotation on the equatorial component of the Sun's magnetic dipole field 1-54436
- Sheeley, N.R., Jr. see Koomen, M.J. 1-13756
- Sheeley, N.R., Jr. see Michels, D.J. 1-4900
- Sheeley, N.R., Jr. see Poland, A.I. 1-54466
- Sheem, S.K. Fiber-optic gyroscope with $[3 \times 3]$ directional coupler 1-41842
- Sheer, D. see Ford, M. 1-4253
- Sheerin, J.P., Ong, R.S.B. Solitary Alfvén waveguide structures in a magnetized plasma 1-2177
- Sheets, L.P. see Smith, J.G. 1-35935
- Shefer, L.A., Ezhov, V.G., Zavalich, I.G. Evaluation of the effect of asymmetry on endurance with random loading 1-31558
- Shefer, R.E., Bekefi, G. Energy distribution in relativistic electron beams from field-emission diodes 1-37451
- Shefer, R.E. see Jacobs, K.D. 1-15173
- Sheffer, Y. see Mazeh, T. 1-13777
- Sheffield, J. see Yang, T.F. 1-10543
- Sheffield, S.A. see Bloomquist, D.D. 1-9981
- Sheft, I., Gruen, D.M., Lamich, G.J. Current status and performance of the Argonne HYSOS chemical heat pump system 1-21889
- Sheft, I. see Ron, M. 1-21382
- Sheftal, N.N. Some results of work on artificial epitaxy (diataxy) 1-7483
- Sheftal, N.N. see Hartmann, E. 1-7422
- Sheftal, N.N. see Klykov, V.I. 1-7482
- Sheftel', V.M. see Bandilyut, O.I. 1-4712
- Sheftel', V.M. see Danil'chenko, D.P. 1-4568
- Shegai, A.A. see Parshikov, V.G. 1-53143
- Shcheda, A.M. see Kurkin, N.N. 1-1651
- Sheibley, D.W., Manzo, M.A. Control of volume resistivity in inorganic-organic separators 1-32003
- Sheih, C.M. On lateral dispersion coefficients as functions of averaging time 1-21951
- Sheih, C.M., Frenzen, P., Hart, R.L. Measurements of Lagrangian atmospheric dispersion statistics over open water 1-22416
- Sheikhet, E.G. see Levinson, D.I. 1-31242
- Sheiko, T.I. R-function method for calculating the conductivity of an inhomogeneous medium in a magnetic field 1-25687
- Sheild, J.E.A., Kirk, D.L. The use of digital filters in enhancing the fetal electrocardiogram 1-53917
- Sheiman, V.A., Nikolaichik, L.V. Some problems of heat and mass exchange of a gas suspension with recuperative energy supply 1-11402
- Sheina, G.G. see Blagoy, P. 1-14806
- Sheina, G.G. see Radchenko, E.D. 1-44943
- Sheindorf, C., Rebhun, M., Sheintuch, M. A Freundlich-type multicomponent isotherm 1-38646
- Sheinin, R.A. see Sirota, A.M. 1-36991
- Sheinina, A.A. see Bereznyak, N.G. 1-20359
- Sheinis, N.V. Design of conical light collectors 1-41809
- Sheinkman, M.K. see Budyanskii, V.I. 1-5407
- Sheinkman, M.K. see Gaisin, V.A. 1-35087
- Sheinkman, M.K. see Kornechuk, V.A. 1-20640
- Sheinkman, M.K. see Korsunskaya, N.E. 1-34748
- Sheinkman, M.K. see Ostapenko, S.S. 1-35088
- Sheinkman, M.K. see Shtrum, E.L. 1-34712
- Sheinkman, N.K. see Babentsov, V.N. 1-21274
- Sheinman, A.A. see Gamayunov, N.I. 1-52350
- Sheinman, I. Dynamic large-displacement analysis of curved beams involving shear deformation 1-18225
- Sheintuch, M. see Sheindorf, C. 1-38646
- Sheitel'man, G.Yu. see Kalkherman, M.G. 1-24862
- Shek, M.I. see Johansson, L.I. 1-3571, 1-42688
- Sheka, D.L. see Korol', A.N. 1-20871
- Sheka, E.F., Makarov, V.S., Krivenko, T.A. Spectroscopy of molecular crystals. A bibliography for 1978 1-17965
- Sheka, E.F. see Dolganov, V.K. 1-52064
- Sheka, E.F. see Natanic, I. 1-2575
- Sheka, E.F. see Schmelzer, U. 1-47186
- Shekeljan, V.I. see Ammosov, V.V. 1-40980
- Shekeljan, V.I. see Efremenko, V.I. 1-33173
- Shekhar, M. Chandra see Chandra Shekhar, M. Shekhter, F.L. see Aleksandrov, Yu.P. 1-12793
- Shekhter, L.Sh. see Polyanovskii, V.M. 1-2999, 1-41775
- Shekhter, V.M. see Ivanov, A.N. 1-5626
- Shekhtman, V.Sh. see Afonikova, N.S. 1-7240
- Shekhtman, V.Sh. see Shmyt'ko, I.M. 1-20382
- Shelae, A.N. see Kornienko, L.S. 1-24438
- Shelby, J.E., Vitko, J., Jr., Farrow, R.L. Characterisation of heliostat corrosion 1-12912
- Shelby, J.E., Vitko, J., Jr., Pantano, C.G. Weathering of glasses for space applications 1-12909
- Shelby, J.E. see Vitko, J., Jr. 1-13092
- Shelby, R. see Bjorklund, G.C. 1-51583
- Shelby, R.M., Macfarlane, R.M. Frequency-dependent optical dephasing in the stoichiometric material $\text{EuP}_{2}\text{O}_{14}$ 1-1653
- Shelby, R.M. see Levenson, M.D. 1-26245, 1-41802
- Shelby, R.M. see Macfarlane, R.M. 1-12431, 1-29364, 1-48046
- Shelby, R.M. see Ortiz, C. 1-42380
- Sheldon, P. see Kazmerski, L.L. 1-16379
- Sheldon, W.P. see Ali, M.S. 1-34243
- Sheldon, W.R. see Bering, E.A. 1-17731
- Sheldon, W.R. see Holmgren, G. 1-17727
- Sheldon, W.R. see Roeder, J.L. 1-49440
- Sheldrick, G.M. see Behmel, P. 1-24122
- Shele, A.U., Savastenko, V.A. Determination of elastic constants of hexagonal crystals from measured values of dynamic atomic displacements 1-6760
- Shelekhov, N.S. see Kozel, S.P. 1-29157
- Shelemin, E.B. see Goryunova, T.D. 1-28101
- Shelepin, L.A. see Karasev, V.P. 1-45160
- Shelepov, V.Yu. see Bazali, V.B. 1-14010
- Shelest, A.E. see Liberman, B.D. 1-46956
- Shelest, A.V. see Barabanenkov, Yu.N. 1-5164
- Sheley, C., Sun, Lu, Carlo, L. Synthesis of trans-4-alkylcyclohexane carboxylic acids and their nematogenic esters 1-38281
- Shelimanov, V.A. see Zhuravlenko, V.Ya. 1-1819
- Shelimo, L.E. see Abriskos, N.Kh. 1-16022, 1-42529, 1-42530, 1-47226
- Shelimo, L.E. see Sokolova, V.M. 1-11919
- Sheline, G.E., Wara, W.M., Smith, V. Therapeutic irradiation and brain injury 1-35837
- Sheline, R.K. see Girshick, F. 1-28384
- Shelkova, I.G. see Potokilovskii, Yu.N. 1-37051
- Shelkovnikov, N.K., Timofeev, V.V., Alyavdin, G.I., Zaitsev, S.I. The spatial and temporal structure of the seasonal thermocline 1-32462
- Shell, S.L. see Burman, D.L. 1-28670
- Shelley, E.G. see Baugher, C.R. 1-22635
- Shelly, E.G. see Schmidt, W.K.H. 1-17749
- Shelobolin, A.V. see Bakaev, V.G. 1-1611
- Shelomanova, A.A. see Ignatov, V.A. 1-5298
- Shelonin, E.A. see Fistul', V.I. 1-25371
- Shelton, G.A.B. see Lubbock, R. 1-32109
- Shelton, J.D., Gardner, C.S., Sechrist, C.F., Jr. Density response of the mesospheric sounder layer to gravity wave perturbations 1-44352
- Shelton, J.D. see Gardner, C.S. 1-4607
- Shelton, K.L., Orville, P.M. Formation of synthetic fluid inclusions in natural quartz 1-47155
- Shelton, R.L. Calculating the discounted payback period for energy conservation projects 1-43752
- Shelton, R.N., Karcher, B.A., Powell, D.R., Jacobson, R.A., Ku, H.C. Crystal structure of LuRuB_2 1-20158
- Shelton, R.N. see Ku, H.C. 1-16398
- Shelton, R.N. see Lynn, J.W. 1-38911
- Sheludchenko, L.M. see Nemoshkalenko, V.V. 1-30630
- Shelus, P.J., Benedict, G.F. Solar system occultation predictions using automated microdensitometry techniques 1-44411
- Shelyakin, L.B. see Mosunov, A.S. 1-53036
- Shelykh, A.I. Attachment to the spectrophotometer SF-16 for measuring the reflection factor by the absolute method 1-5404
- Shelykh, A.I. see Gurin, V.N. 1-3358
- Shelykh, A.I. see Kaminskii, V.V. 1-25762
- Shelyubskii, V.I. see Ananich, N.I. 1-42421
- Shemansky, D.E. Mass-loading and diffusion-loss rates of the IO plasma torus 1-49563
- Shematovich, V.I. see Zmievskaya, G.I. 1-46837
- Shemdin, O.H. The Marineland Experiment: an overview 1-32519
- Shemdin, O.H. The West Coast Experiment: An overview 1-44196
- Shemdin, O.H., Hsiao, S.V., Carlson, H.E., Hasselmann, K., Schulze, K. Mechanisms of wave transformation in finite-depth water 1-13480
- Shemdin, O.H. see Evans, D.D. 1-13481
- Shemdin, O.H. see Hsiao, S.V. 1-17603
- Shemdin, O.H. see Lubard, S.C. 1-13600
- Shemdin, O.H. see McLeish, W. 1-13601
- Shemdin, O.H. see Pawka, S.S. 1-13479
- Shemdin, O.H. see Vesecky, J.F. 1-13478
- Shemelev, V.N. see Edel'shtein, G.B. 1-39186
- Shemetov, V.V. Influence of a stagnant zone on nonlinear thermal effects during scanning of a moving medium by optical beams 1-51571
- Shemonaev, G.P. see Makhan'kov, V.I. 1-50098
- Shen, C.Y. see McWilliams, J.C. 1-22349
- Shen, D.F. see Tsujimoto, H. 1-12362
- Shen, J., Maradudin, A.A. Multiple scattering of waves from random rough surfaces 1-18045
- Shen, M., Casasent, D., Luu, T.K., Feng, B. Lensless matched spatial filter correlator experiments 1-6637
- Shen, M., Casasent, D., Luu, T.K., Feng, B. HOE/lensless matched spatial filter wavelength-scaling correlator 1-6638
- Shen, M. see Soong, D. 1-33918, 1-51827
- Shen, P.I.-Wu see I-Wu Shen, P.
- Shen, Q. see Steinhilber, O. 1-1404
- Shen, Q. see Truong, O. 1-46122
- Shen, R. Economics and alternative sources of energy 1-35609
- Shen, S.C., Cardona, M. Local and quasi-local vibrational modes of Si in Ge 1-16572
- Shen, S.C., Fang, C.J., Cardona, M. The 'acoustic local' mode of H, D, and F in amorphous germanium and silicon [IR and Raman spectra] 1-12497
- Shen, S.C., Fang, C.J., Cardona, M., Genzel, L. Far-infrared absorption of pure and hydrogenated a-Ge and a-Si 1-12502

- Shen, S.F. *see* Van Dommelen, L.L. 1-19672
- Shen, S.S. Paramagnetic properties of mixed-matrix NbTi conductors 1-3091
- Shen, S.S. Magnetization of in situ multifilamentary superconducting Nb₃Sn-Cu composites 1-47792
- Shen, W.C. *see* Grody, N.C. 1-49355
- Shen, Y.R. *see* Chen, C.K. 1-33749
- Shen, Y.R. *see* Lee, Y.T. 1-31887
- Shen, Y.R. *see* Oudar, J.-L. 1-1639
- Shen Jie-wu, Zhou Yu-mei, Qing Cheng-rui A new method for solving the free-boundary magnetic surface equation without conducting shells 1-2140
- Shen Jie-Wu *see* Ke Fu-Jiu 1-24957
- Shen Pei-Ruo *see* Chen Ying-Xuan 1-45789, 1-49465
- Shen Pei-Wen *see* Xu Shao-Xie 1-9086
- Shen Pingzi *see* Pingzi Shen
- Shen Qi *see* Hui Yongzheng 1-33058
- Shen Qi-xing, Zhang Mei-man, Li Bing-an, Yu Hong Deep inelastic scattering processes of the electrons on polarized nucleons and polarization effects in the processes of heavy lepton pair production 1-18489
- Shen Quang *see* Quang Shen
- Shen Songhua *see* Peng Ruiwu 1-53096
- Shen Wei *see* Wei Shen
- Shen Wen-Ging *see* Jin Gen-Ming 1-18664
- Shen Ya-peng *see* Tang Chao-tsen 1-1899
- Shen-xun Ding *see* Ding Shen-xun
- Shenderov, E.L. *see* Kozlyev, V.A. 1-19487
- Shenderovskii, V.A. *see* Gorlei, P.N. 1-7621
- Sheng, T.T. *see* Murarka, S.P. 1-16685
- Sheng Guo-Ying *see* Feng De-Yi 1-4428
- Sheng Ping *see* Ping Sheng
- Sheng Shi-Xiong *see* Jiang Bai-Lin 1-25272
- Sheng-Biao Lin *see* Lin Sheng-Biao
- Sheng-wei Lin *see* Lin Sheng-wei
- Sheng-Wei Wang PLED studies of the temperature dependence of the surface vs bulk magnetization of Ni(110) 1-38952
- Shenghui Zhi *see* Zhi Shenghui
- Shenghuo Song *see* Song Shenghuo
- Shengjie Xia *see* Xia Shengjie
- Shenglin Cao *see* Cao Shenglin
- Shengurov, V.G., Gur'yanov, A.G., Shabanov, V.N., Koliomets, S.I. Preparation of thin semiconductor wafers by electrolytic etching 1-247
- Shenker, S.H., Tobochnik, J. Monte Carlo renormalization-group analysis of the classical Heisenberg model in two dimensions 1-21006
- Shenker, S.J., Kadanoff, L.P. Band to band hopping in one-dimensional maps 1-32911
- Shenn-Yu Chao Topographic coupling of surface and internal Kelvin waves 1-34114
- Shenn-Yu Chao The subtidal response of sea level to atmospheric forcing in the Carolina Capes 1-54122
- Shenoy, A.V. A correlating equation for combined laminar forced and free convection heat transfer to power-law fluids 1-1954
- Shenoy, A.V. Combined laminar forced and free convection heat transfer to viscoelastic fluids 1-29666
- Shenoy, G.K., Niarchos, D., Viccaro, P.J., Dunlap, B.D., Aldred, A.T., Sandrock, G.D. Surface segregation of iron by hydrogenation of FeTi and ⁵⁷Fe Mossbauer conversion electron study 1-3303
- Shenoy, G.K., Probst, F., Cashion, J.D., Viccaro, P.J., Niarchos, D., Dunlap, B.D., Remeika, J.P. ¹⁶⁶Er and ¹¹⁹Sn Mossbauer studies of the re-entrant ternary superconductor ErRh₂Si₃ 1-43053
- Shenoy, G.K. *see* Cashion, J.D. 1-16514
- Shenoy, G.K. *see* Dunlap, B.D. 1-20141
- Shenoy, G.K. *see* Fish, G.E. 1-25203
- Shenoy, G.K. *see* Jackson, C.M. 1-38969
- Shenoy, G.K. *see* Morrison, T.I. 1-26726
- Shenoy, G.K. *see* Niarchos, D. 1-7132
- Shenoy, G.K. *see* Viccaro, P.J. 1-3304
- Shenoy, R.K., Ramakrishna, J. Proton spin lattice relaxation in lithium ammonium sulphate LiNH₄SO₄ 1-12419
- Shenoy, R.K., Sundaram, C.S., Ramakrishna, J. Proton spin-lattice relaxation in sodium ammonium selenate dihydrate: NaNH₄SeO₄·2H₂O 1-26065
- Shenoy, S.R., Agarwal, G.S. Nonequilibrium phase transition in a radiation-driven Josephson junction 1-47820
- Shenoy, V. Shantharama *see* Shantharama Shenoy, V.
- Shepard, J.F., Anderson, R.W., Jr. Chlorophyll-a excited singlet state absorption measured in the picosecond time regime 1-45872
- Shepard, C.L. *see* Kocher, C.A. 1-37303
- Shepard, R.L., Anderson, J.L. PWR instrumentation: recommendations for improvement from TMI-2 experience 1-18825
- Shepard, R.L. *see* Carroll, R.M. 1-27972
- Shepard, W.A. *see* Spencer, C.D. 1-7982
- Shepekin, G.V. *see* Bezotosnyi, V.V. 1-46390
- Shepel', L.G. *see* Kovalenko, V.F. 1-35092
- Shepel', S.I. *see* Lebedev, T.S. 1-27153
- Shepelevich, V.V. Distinctive features of the formation of holographic gratings in an optically active medium 1-41821
- Shepelevich, V.V., Krupskaya, N.K. Excitation of traveling intensity waves in an optically active medium 1-51425
- Shepelevich, V.V., Mityurich, G.S., Khilo, N.A. Sadovsky effect in an optically active isotropic medium situated in a magnetic field 1-6452
- Shepelin, V.A. *see* Velikodnyi, L.N. 1-53356
- Shepel'skii, G.A. *see* Sal'kov, E.A. 1-12535, 1-38815
- Shepelyanskii, D.L. *see* Izrailev, F.M. 1-5162
- Shephard, B.K., McIntosh, A.W., Atchison, G.J., Nelson, D.W. Aspects of the aquatic chemistry of cadmium and zinc in a heavy metal contaminated lake 1-13193
- Shephard, R.J. *see* Goldberg, D.I. 1-13271
- Shephard, W.D. *see* Biswas, N.N. 1-18515
- Shepherd, F. *see* Taylor, R. 1-5386
- Shepherd, G.G., Bostrom, R., Derblom, H., Falthammer, C.-G., Gendrin, R., Kaila, K., Korth, A., Pedersen, A., Pellinen, R., Wrenn, G. Plasma and field signatures of poleward propagating auroral precipitation observed at the foot of the Geos 2 field line 1-9313
- Shepherd, L.C., Gibson, D.C. Reduction of aerodynamic blade noise in a rotary lawn mower 1-6715
- Shepherd, J.B., Aspinall, W.P. Seismicity and seismic intensities in Jamaica, West Indies: a problem in risk assessment 1-17564
- Shepherd, L.T. *see* Leung, K.M. 1-19299
- Shepherd, W. *see* Munroe, M. 1-53561
- Shepilov, M.P. *see* Starostin, N.V. 1-16541
- Shepley, M.P., Flowers, W.C., Barr, J., Jr. A microcomputer-controlled above-knee prosthesis and gait analysis system 1-13356
- Sheppard, C.J.R. *see* Hall, P.G. 1-15296
- Sheppard, E.W. *see* Chen, C.S.H. 1-49049
- Sheppard, J. *see* Dawson, J. 1-44918
- Sheppard, J.C., Pantell, R.H., Gearhart, R.A., Miller, R.H., Chase, L.F., Monahan, K.M., Watson, B.A. Picosecond resolution of a Cerenkov cell-streak camera arrangement for monitoring charged particle bunches 1-41269
- Sheppard, J.F. *see* Hyman, L.G. 1-45756
- Sheppard, M.G. *see* Sun, H. 1-37087
- Sheppard, M.I. The environmental behaviour of uranium and thorium 1-6058
- Sheppard, M.I. The environmental behaviour of radium 1-26858
- Sheppard, R.J. *see* Dawkins, A.W.J. 1-43897
- Sheppard, R.J. *see* Nightingale, N.R.V. 1-27041, 1-33002
- Sheppard, R.J. *see* Szwarnowski, S. 1-27029
- Sheppard, T., McShane, H.B. Strength of cold-pressed compacts 1-13299
- Sheppard, T., Tatcher, M.G. Development of duplex deformation substructure during extrusion of a commercial Al-5Mg-0.8Mn alloys 1-31483
- Shepurov, E.I. *see* Kolyadin, A.I. 1-37566
- Sher, A. *see* An-Ban Chen 1-20629
- Sher, E.M. *see* Grinberg, R.Z. 1-7645
- Sher, E.N. Stress state of a straight isolated cut, loaded from without by concentrated forces and growing at a constant rate 1-46672
- Sher, E.S. *see* Bokov, V.A. 1-12372
- Sher, M.A. Effects of phase transitions on the evolution of the early Universe 1-32787
- Sher, M.A. *see* Mahantappa, K.T. 1-10223
- Sher, M.A. *see* Primack, J.R. 1-28255
- Shera, E.B. *see* Wohlfahrt, H.D. 1-41048
- Sherba, P.S. *see* Bolmgren, C.R. 1-862
- Sherbaum, L.M. *see* Benyukh, V.V. 1-49579
- Sherby, O.D. *see* Bourell, D.L. 1-53238
- Sherby, O.D. *see* Oyama, T. 1-16856
- Sherby, O.D. *see* Wadsworth, J. 1-8353
- Shercliff, J.A. Thermoelectric MHD with walls parallel to the magnetic field 1-2089
- Shercliff, J.A., Dutta, Gupta, P.B. A simple novel lithium circulating system in the blanket of a Tokamak type of thermonuclear reactor (TTNR) 1-6009
- Sheregii, E.M., Ivanov-Omskii, V.I. Investigation of the line width of cyclotron-phonon resonance in InSb 1-3265
- Sheremet'ev, A.K. *see* Kalashnikov, A.M. 1-1037
- Sheremetovskii, A.S. *see* Bobrenko, V.M. 1-29561
- Shereshevskii, A.V. *see* Usov, V.S. 1-46534
- Shereshevskii, S.N. *see* Chernysh, V.Yu. 1-27270
- Sherick, J.M. *see* Carrington, R.A. 1-48877
- Sheridan, J. *see* Permanand, R.R. 1-28961
- Sheridan, J.J., III *see* Eisenberg, F.G. 1-20559
- Sheridan, K.V. *see* Suzuki, S. 1-4888
- Sheridan, M.F., Barberi, F., Rosi, M., Santacrocce, R. A model for Plinian eruptions of Vesuvius 1-40106
- Sheriff, H.S., Sloboda, R.S. Heavy particle stripping and large angle p+⁴He scattering 1-50579
- Sheriff, M.E. *see* Robin, G. 1-33050
- Sheriff, M.H., Gregor, R.J., Lyman, J. The effect of load on myoelectric signals: the ARIMA representation 1-35762
- Sheriff, M.H., Lyman, J., Gregor, R. Statistical modeling of myoelectric signals 1-22007
- Sheriff, N., O'Kane, D.J. Sodium eddy diffusivity of heat measurements in a circular duct 1-38013
- Sheriff, S.D., Shive, P.N. The Rattlesnake Hills of central Wyoming revisited: further paleomagnetic results 1-4421
- Sheriff, S.D., Shive, P.N. Paleomagnetism of the Leucite Hills volcanic field, southwestern Wyoming 1-44102
- Sherlock, J. *see* Musgrave, G. 1-26826
- Sherlock, S.L. *see* Thies, H.H. 1-23638
- Sherman, A., Figueroa, O. A portable ³He cryostat for studies in astrophysics 1-49518
- Sherman, A., Gasser, M., Goldowsky, M., Benson, G., McCormick, J. Progress on the development of a 3- to 5-year lifetime Stirling cycle refrigerator for space 1-44939
- Sherman, A.B., Dobrovolskii, A.A., Lemanov, V.V. Constant-electric interaction of surface acoustic waves with charge carriers in an ionized gas 1-29829
- Sherman, A.V. *see* Hizhnyakov, V.V. 1-42697
- Sherman, B. Single image frequency measurements of camera lenses 1-50253
- Sherman, C. That speck in the bathtub—an elementary study in modeling and dimensional reasoning 1-9811
- Sherman, E.S., Adams, W.W., Thomas, E.L. Dark field imaging of semicrystalline polymers by scanning transmission electron microscopy 1-38212
- Sherman, H.E. *see* Fineberg, H.V. 1-49932
- Sherman, R.D. QSO evolution and the intergalactic medium 1-22918
- Sherman, S.G. *see* Dakkhio, L.G. 1-40995
- Sherman, V.E. *see* Klimenko, M.M. 1-15375
- Sherman, W.D. *see* Thayer, W.J., III. 1-1554
- Sherman, W.F. *see* Abdullah, A.H. 1-281
- Sherman, W.F. *see* Mohammad, M.R. 1-39126
- Shermanzon, E.M. *see* Gal'per, A.M. 1-13555
- Shermet'skii, N.N. *see* Basov, N.G. 1-6597
- Sheromov, M.A. *see* Forgacs, P. 1-32085
- Sherrod, L. Random temperature Ginzburg-Landau model: spin-glass or ferromagnet? 1-20936
- Sherrrington, D. *see* Khanna, S.N. 1-30900
- Sherrod, C. *see* Morris, C.S. 1-32665
- Sherrod, R.E. *see* MacNaughton, R.M. 1-41430
- Sherrod, R.W. *see* Bloor, J.E. 1-51292
- Sherry, W.M., Kubin, L.P., Louchet, F., Schmid, H., Prinz, F. Dislocation shapes in lithium, a highly anisotropic BCC metal 1-11761
- Sherry, W.M. *see* Prinz, F. 1-11760
- Shershel, V.A. *see* Levinzon, D.I. 1-31336
- Shersheva, A.A., Elagina, I.A., Panichev, G.I., Lukashevich, M.A. Unified description of isotherms for porcelain bodies 1-7451
- Sherushkov, V.M. *see* Volkov, V.M. 1-10998
- Sherstobitov, V.E. *see* Kuprenyuk, V.I. 1-1597
- Sherwell, D., Cairns, R.A. Parametric instability driven by density modulation in velocity space 1-6946
- Sherwell, J. *see* Posey, J. 1-39593
- Sherwood, A.M. Characteristics of evoked potentials recorded over the spinal cord and brain of man 1-32152
- Sherwood, A.R., Cantrell, E.L., Ekdahl, C.A., Henins, I., Hoida, H.W., Jarboe, T.R., Klingner, P.L., Malone, R.C., Marshall, J., Sawyer, G.A. Results from the Los Alamos fast liner experiment 1-34112
- Sherwood, A.R. *see* Jarboe, T.R. 1-6997
- Sherwood, G.G., Buchholz, R.H., Stark, S.J. Lessons learned for the licensing process 1-14665
- Sherwood, J.D. The primary electroviscous effect in a suspension of spheres 1-34018
- Sherwood, J.N. *see* Narang, R.S. 1-16083
- Sherwood, J.R., Pettifer, R.E.W. An improved gravimetric rain-gauge 1-9284
- Sherwood, P.M.A. X-ray photoelectron spectroscopic (XPS) studies of electrode surfaces 1-35551
- Sherwood, P.M.A. X-ray photoelectron spectroscopic studies of metal oxidation studied in an in situ anaerobic transfer electrochemical cell 1-48576
- Sherwood, P.M.A. *see* Proctor, A. 1-42413
- Sherwood, R.C. *see* Green, M.L. 1-12343
- Sherwood, W.A. *see* Kreysa, E. 1-13872
- Shestachenko, L.S. *see* Anders, E.E. 1-20416
- Shestak, A.F. *see* Baikov, A.P. 1-15673
- Shestak, A.I. *see* Baikov, A.P. 1-2277
- Shestakov, I.S. *see* Kramer, E.N. 1-9433
- Shestakov, A.I. *see* Killean, J. 1-2193
- Shestakov, A.V. *see* Denker, B.I. 1-51492
- Shestakov, G.N. *see* Achasov, N.N. 1-10164, 1-14336
- Shestakova, L.I. *see* Katshonok, S.S. 1-18266
- Shesternina, Z.N. *see* Polyakhov, V.N. 1-51801
- Shestepirov, V.A., Tikhonchuk, V.S. Some approaches to the modelling of thermal stress on microwave irradiation 1-35810
- Shestopal, N.M. *see* Lenyuk, M.P. 1-15410
- Shestopal, O.Ya. *see* Shestopal, V.O. 1-19582
- Shestopal, V.O. On relaxation processes based on diffusional mechanisms 1-21124
- Shestopal, V.O., Shestopal, O.Ya. Flow of metal in high-temperature extrusion 1-19582

- Shestopalov, G.N. *see* Agasjan, P.K. 1-32077
 Shestopalov, V.E. Mechanochemical working of metals in polymer-containing media 1-3992
 Shestopalov, V.P. *see* Koshparenok, V.N. 1-19247, 1-29194
 Shestopalova, S.A. *see* Dzhelepov, B.S. 1-33232
 Shet, U.S.P. *see* Samuel, A.A. 1-17287
 Shettle, E.P. Non-spherical particle scattering: Air Force applications 1-9256
 Shettle, E.P., Kneizys, F.X., Gallery, W.O. Suggested modification to the total volume molecular scattering coefficient in LOWTRAN. Comment 1-9243
 Shetty, C. *see* Gunasekaran, M.K. 1-40817
 Shetulov, D.I., Gushchin, A.N. Hardening in metals during cyclic loading 1-31614
 Sheung Tsun Tsou *see* Tsou Sheung Tsun
 Shevakin, A.F. *see* Volnov, V.O. 1-47967
 Shevandin, V.S. *see* Aristov, A.V. 1-1272, 1-41421
 Shevchenko, A.D. *see* Skripov, A.V. 1-31048
 Shevchenko, A.S., Lyutikov, R.A., Andrievskii, R.A., Terekhova, V.A. Oxidation of zirconium and niobium carbides 1-35412
 Shevchenko, E.A. *see* Aksinenko, V.D. 1-18662
 Shevchenko, E.B. *see* Amatuni, A.N. 1-15377, 1-15380, 1-27920
 Shevchenko, E.G. *see* Bezotosnyi, V.V. 1-46390
 Shevchenko, E.V. *see* Aver'yanov, P.N. 1-44945
 Shevchenko, G. *see* Efremenko, V.I. 1-33173
 Shevchenko, N.B., Turik, A.V., Zhestkov, V.F., Smotrakov, V.G., Fesenko, E.G. Growth and electrophysical properties of KNbO_3 and NaNbO_3 crystals [dielectric properties] 1-34971
 Shevchenko, N.G., Buki, A.Yu., Kasatkin, Yu.A., Khomich, A.A., Polishchuk, V.N., Mazan'ko, B.V. Charge distribution in isotopes, isotones, and isobars 1-626
 Shevchenko, N.G. *see* Nikolin, B.I. 1-3732
 Shevchenko, O.N. *see* Chikang, Yu.N. 1-2951
 Shevchenko, T.I. *see* Belyakova, L.D. 1-52081
 Shevchenko, V.A. *see* Efimov, G.V. 1-12702
 Shevchenko, V.A. *see* Skopyuk, M.I. 1-996, 1-51024
 Shevchenko, V.B. *see* Egorov, G.F. 1-10453
 Shevchenko, V.G. *see* Ammosov, V.V. 1-40980
 Shevchenko, V.G. *see* Ishkhanov, B.S. 1-18642
 Shevchenko, V.I. *see* Galeev, A.I. 1-34075
 Shevchenko, V.I. *see* Sotnikov, V.I. 1-51947
 Shevchenko, V.S. Main sequence dwarfs in the cluster of Trapezium in Orion. I. UVRI-photometry of stars in the NGC 1999 neighborhood 1-49658
 Shevchenko, V.S. *see* Kilyachkov, N.N. 1-9521, 1-22813, 1-22840
 Shevchenko, V.S. *see* Slutskii, V.E. 1-32697
 Shevchenko, V.Y. *see* Marenkin, S.F. 1-3617
 Shevchenko, V.Ya. *see* Lazarev, V.B. 1-15872
 Shevchenko, Yu.A. *see* Voskanyan, A.A. 1-7648
 Shevchuk, I.M. *see* Gorbachev, V.I. 1-8501
 Shevchuk, P.P. *see* Buzanava, E.V. 1-26397
 Shevchuk, P.R., Pikh, V.S., Senchina, B.I., Mokrova, A.M. Effect of temperature and time on the stability of calorized coatings on steels 1-3988
 Shevchuk, Yu.F. *see* Fedorchenko, I.M. 1-21597
 Shevel', A.F. *see* Zhekov, V.I. 1-1573
 Shevel', S.G. *see* Goer, D.B. 1-48112
 Sheveler, V.I. *see* Gorskikh, V.A. 1-11192
 Sheveleva, T.Yu. *see* Kropotkin, M.A. 1-4223
 Shevel'ko, V.P. *see* Muller, A. 1-51288
 Shevelya, V.V. *see* Alyab'ev, A.Ya. 1-31752
 Shevera, V.S., Shuaibov, A.K. Formation of monohalides of inert gases in a transverse AC electric discharge 1-42242
 Shevera, V.S. *see* Shuaibov, A.K. 1-6541
 Sherviyakov, S.A. *see* Gorodetski, D.A. 1-30011
 Shervtsov, B.M. *see* Babkin, G.I. 1-36504
 Shervtsov, E.N. Initial field strengths of unipolar corona at elevated air pressure 1-2275
 Shervtsov, V.F. *see* Kazarinov, N.Yu. 1-10903, 1-23899
 Sheryakov, A.M. *see* Semin, E.G. 1-43646
 Sheryayev, A.A., Muradyan, L.A., Zavadnik, V.E., Aleksandrov, K.S., Simonov, V.I. Thermal vibrations of atoms in the cubic phase of KMnF_3 at 198K and 293K 1-30198
 Sheryrin, A.Yu. *see* Ktaltkherman, M.G. 1-24862
 Shewchuk, J. *see* Lohse, A.K. 1-26613
 Shewchuk, R. *see* Richardson, D. 1-22036
 Shewchuk, J. *see* Spitzer, M. 1-43759
 Shewmon, P. *see* Ransick, M. 1-53266
 Shi, J., Geitos, G., Abrosimov, N.V., Brantov, S.K., Erofeeva, S.A., Tatarchenko, V.A. Some structural and electro-physical properties of silicon ribbons produced by Stepanov's method 1-30113
 Shi, S.-K., Lee, H.-L., White, J.M. Chemisorption of O_2 and N_2O on $\text{Cu/Ru}(001)$ 1-34582
 Shi, S.-K., White, J.M. Adsorption of O_2 and N_2O on carbon-coated $\text{Ru}(001)$ surfaces 1-34566
 Shi He, Hao Bai-lin A closed-form approximation for the 3-dimensional Ising model. II. Limitations of the Q-approximation 1-44843
 Shi Hui-Xin, Cai Zu-Huang, Gao Ming-Xiu Anomalous migration of shallow groundwater and gases in the Beijing region and the 1976 Tangshan earthquake 1-4429
 Shi Jin-Rui *see* Hu Xin-Kang 1-49209
 Shi Li *see* Li Shi
 Shi Longpei, Chen Qizhou The non-linear effects of the Ising model in a transverse field 1-34843
 Shi Songling On limit cycles of quadratic systems 1-22990
 Shi Xi-Zhong *see* Luo Guang-Wei 1-9089
 Shi Yan *see* Yan Shi
 Shi Zhen-liang *see* Huan Wen-lin 1-22312
 Shi-Chien Lin *see* Hamasaki, M. 1-5848
 Shi-chune Yao, Westerberg, A.W., Nien-Hua Chao Computational dynamic modeling of thin film evaporators and condensers 1-19715
 Shi-fang Luo *see* Luo Shi-fang
 Shi-fu Zhao *see* Zhao Shi-fu
 Shi-gang Chen *see* Chen Shi-gang
 Shi-heng Lin *see* Lin Shi-heng
 Shi-jie Liu *see* Liu Shi-jie
 Shi-Jun Yang *see* Yang Shi-Jun
 Shi-kay Yao Integrated optical signal processing—the periodic structure approach 1-24532
 Shi-kay Yao *see* Young, E.H., Jr. 1-37601
 Shi-ke Hu *see* Hu Shi-ke
 Shi-ping He *see* He Shi-ping
 Shi-Qi Lu *see* Lu Shi-Qi
 Shi-Qun Li *see* Wu-Yang Chu 1-39512
 Shi-wei Gu *see* Gu Shi-wei
 Shi-Xiong Sheng *see* Sheng Shi-Xiong
 Shi-zhi Cui *see* Cui Shi-zhi
 Shiao, D.D.F. Computer modeling on the kinetics of dissolution of silver halide dispersion by complexing agents 1-16045
 Shiao, D.D.F. Kinetic modeling of growing silver halide microcrystals in gelatin solution 1-35557
 Shiao, S.-Y. *see* Meyer, R.E. 1-41215
 Shiba, H. Quantization of magnetic excitation continuum due to interchain coupling in nearly one-dimensional Ising-like antiferromagnets 1-12314
 Shiba, H. *see* Ishimura, N. 1-12315
 Shiba, K., Ichinose, T. Micro-flowmetry 1-19849
 Shiba, K., Ichinose, T., Kitamura, J. Calibration of gas flowmeters 1-24906
 Shiba, K., Ichinose, T., Kitamura, J. Annular viscometer 1-29818
 Shiba, K., Ichinose, T., Yamaguchi, T. Water current meter of thermal conductivity type 1-15560
 Shiba, K., Itoh, A., Ugajin, M. Fission xenon release from lightly irradiated $(\text{Th,U})\text{O}_2$ powders 1-42427
 Shiba, K., Ueda, M., Haraguchi, M. Non-contacting graft thermometer 1-50128
 Shiba, K., Yagi, Y. Thermoelectric bimetal thermometer 1-36661
 Shiba, M. *see* Nawata, Y. 1-30208
 Shibaev, Yu.A. *see* Ilyushkin, V.A. 1-29205
 Shibaeva, R.P., Rozenberg, L.P. The structure of conducting complexes based on cation-radicals. V. The crystals and molecular structure of 1:1 ion-radical salt of dibenzotetrathiofulvalene with an inorganic anion $(\text{C}_4\text{H}_6\text{S}_4)^+ [\text{PtBr}_2\text{S}(\text{C}_2\text{H}_5)_2]^-$ 1-2421
 Shibaeva, R.P., Rozenberg, L.P., Lobkovskaya, R.M. Structure of electroconducting complexes based on cation-radicals. VI. Complexes of dibenzotetrathiofulvalene with inorganic anions $(\text{SnCl}_6)^{2-}$ and $(\text{SnBr}_6)^{2-}$: $(\text{C}_4\text{H}_6\text{S}_4)(\text{SnCl}_6)_2$ and $(\text{C}_4\text{H}_6\text{S}_4)(\text{SnBr}_6)_2$ 1-30221
 Shibagaki, M., Kijono, S., Watanabe, K. Nocturnal sleep in severely mentally retarded children: abnormal EEG patterns in sleep cycle 1-17374
 Shibahara, H., Hashimoto, H. Electron microscopic study of small particles of tungsten oxide formed by the evaporation of tungsten trioxide 1-30013
 Shibahara, I. *see* Fujii, I. 1-763
 Shibahashi, H. Vibrational stability of rotating stars 1-54479
 Shibamura, E. *see* Masuda, K. 1-1027
 Shibamura, E. *see* Takahashi, T. 1-21269
 Shibano, T.A. *see* Dvorkin, A.A. 1-25255
 Shibano, Yu.A. *see* Pavlov, G.G. 1-22673, 1-22834
 Shibaoka, K. *see* Katsuki, K. 1-31599
 Shibbarov, L.I. *see* Avrorin, E.N. 1-24975
 Shibasaki, H., Barrett, G., Halliday, E., Halliday, A.M. Components of the movement-related cortical potential and their scalp topography 1-17409
 Shibasaki, H., Barrett, G., Halliday, E., Halliday, A.M. Cortical potentials following voluntary and passive finger movements 1-49018
 Shibata, F., Arimitsu, T. Expansion formulas in nonequilibrium statistical mechanics 1-156
 Shibata, F., Asou, M. Theory of nonlinear spin relaxation. II 1-9863
 Shibata, H. *see* Ushida, N. 1-546
 Shibata, I. *see* Matsumoto, M. 1-7506
 Shibata, K. Effects of implantation dose and laser beam wavelength on sheet resistivity reduction for As-implanted poly-Si films by Q-switched Nd:YAG laser irradiation 1-52670
 Shibata, K., Kawamura, T., Hashimoto, M. Prediction of fatigue crack growth and experimental result on overload retardation 1-826
 Shibata, K., Koima, M. The effect of hydrogen and deuterium on the internal friction of deformed niobium 1-12785
 Shibata, M., Zielinski, J., Rein, R. Normal-mode vibrational frequencies and thermodynamic properties of uracil and 4-hydroxyuracil 1-1202
 Shibata, M. *see* Igarashi, T. 1-26471
 Shibata, M. *see* Takahashi, T. 1-7375
 Shibata, M. *see* Zielinski, J. 1-51102
 Shibata, N., Edahiro, T., Suda, H. High-numerical-aperture optical fiber fabricated by VAD method 1-41845
 Shibata, N., Kawachi, M., Edahiro, T. Optical-loss characteristics of high GeO_2 content silica fibers 1-41864
 Shibata, N., Tateda, M., Seikai, S., Uchida, N. Measurements of waveguide structure fluctuation in a multimode optical fiber by backscattering technique 1-41851
 Shibata, N. *see* Edahiro, T. 1-33823
 Shibata, N. *see* Iwanaga, H. 1-3584, 1-53066
 Shibata, N. *see* Tateda, M. 1-46565
 Shibata, N. *see* Ueha, S. 1-15279
 Shibata, N. *see* Yoshie, T. 1-52097
 Shibata, S., Hirota, F., Kakuta, N., Muramatsu, T. Electron distribution in water by high-energy electron scattering 1-1365
 Shibata, S., Kanamori, T., Mitachi, S., Manabe, T. Preparation and characteristics of $\text{PbF}_2\text{-AlF}_3$ and $\text{PbF}_2\text{-ZrF}_4$ glasses 1-6625
 Shibata, S., Manabe, T., Horiguchi, M. Preparation of Ge-S glass fibers with reduced OH, SH content 1-41854
 Shibata, S., Ohta, M., Iijima, K. Molecular structure of bis(acetylacetonato)beryllium in the gas phase as determined from electron diffraction data 1-6387
 Shibata, S., Terunuma, Y., Manabe, T. Ge-P-S chalcogenide glass fibers 1-16751
 Shibata, S. *see* Hirota, F. 1-28864
 Shibata, S. *see* Kimura, T. 1-41847
 Shibata, S. *see* Mitachi, S. 1-37614
 Shibata, S. *see* Nakagawa, H. 1-981
 Shibata, S. *see* Nishi, T. 1-50660
 Shibata, S. *see* Takeda, T. 1-50268
 Shibata, T., Fujiwara, M., Hirono, M. Observation of stratospheric aerosols by Nd:YAG lidar with a new type of near-infrared-sensitive photomultiplier tube 1-22526
 Shibata, T. *see* Ejiri, H. 1-33237
 Shibata, T. *see* Okumura, Y. 1-50270
 Shibata, T. *see* Sakai, H. 1-691
 Shibata, T. *see* Uchino, O. 1-36017
 Shibata, T.A., Kobayashi, T., Numao, T., Chiba, J., Nakai, K., Yamazaki, T., Hashimoto, O., Hamagaki, H., Taino, M., Yamamoto, A., Kurokawa, S., Hirabayashi, H. A low-momentum π - μ channel at the KEK 12 GeV proton synchrotron 1-37040
 Shibata, Y. *see* Oshima, C. 1-38634
 Shibata, Y. *see* Shimoo, T. 1-25436
 Shibata, Y. *see* Takenaka, K. 1-8238
 Shibatani, K. *see* Shimada, K. 1-13337
 Shibayama, K., Matsunaka, T., Sato, H. Exact design of acoustic matching networks for ultrasonic transducers 1-19535
 Shibayama, M. *see* Hashimoto, T. 1-34251
 Shibayama, L.V. *see* Ryabov, Yu.A. 1-27329
 Shibazaki, N. *see* Matsuo, M. 1-22927
 Shibazaki, N. *see* Murakami, T. 1-27633
 Shibazaki, N. *see* Marshak, A.H. 1-52555
 Shibib, M.A. *see* Aymen *see* Aymen Shibib, M.
 Shibil, A.M. *see* Shaalan, M.R. 1-29715
 Shiblyaev, B.F. *see* Astaf'ev, V.B. 1-20516
 Shibuya, H. *see* Takasa, S. 1-22654
 Shibuya, H. *see* Ushida, N. 1-546
 Shibuya, K. *see* Kasatani, K. 1-46047
 Shibuya, N., Nakajima, H. Solar radiopolarimeter at 17 GHz 1-13697
 Shibuya, N. *see* Kai, K. 1-13696, 1-54373
 Shibuya, N. *see* Nakata, Y. 1-4162
 Shibuya, S. *see* Fujioka, M. 1-28839
 Shibuya, S. *see* Yoshida, K. 1-11198
 Shibuya, T. Indentation of an elastic half-space by a concave rigid punch 1-41989
 Shibuya, T. Indentation of an elastic half-space by a concave rigid punch 1-46667
 Shibuya, T., Koizumi, T., Suzuki, K. The torsion of a hollow cylinder with two or infinite parallel external circular cracks 1-11348
 Shibuya, T.-I., Funada, T. Parameterization of the equations-of-motion method for conjugated hydrocarbons 1-1276
 Shibuya, Y. *see* Nakanishi, K. 1-11500, 1-15684
 Shichi, H. *see* Wada, M. 1-26188
 Shichijo, H., Hess, K., Stillman, G.E. Simulation of high-field transport in GaAs using a Monte Carlo method and pseudopotential band structures 1-47659
 Shichijo, H. *see* Glisson, T.H. 1-16342
 Shichijo, H. *see* Kever, M. 1-47736
 Shichuk, B.K. *see* Kirilov, V.I. 1-22353
 Shida, J.-i. *see* Seki, K. 1-5310

- Shida, T., Egawa, Y., Kubodera, H. ESR studies on cation-radicals of simple olefins and dienes produced in γ -irradiated frozen solutions of trichlorofluoromethane 1-31029
- Shida, T. see Takemura, Y. 1-14944
- Shidlovskaya, E.A. see Mel'gui, M.G. 1-39578
- Shie, J.-S. Crystal preparation of TGS for pyroelectric purpose 1-26378
- Shieh, J.H. see Fan, L.T. 1-17090
- Shieh, R.C. Analytical puncture study of circular metal plates 1-31634
- Shieh Sang-chun. Self-preserving theory of turbulent free shear flow 1-29661
- Shield, B.M. A computer model for the prediction of factory noise 1-32067
- Shield, R.T. see Lee, S.J. 1-24688, 1-24689
- Shields, F.D., Bass, H.E. Vibrational relaxation rates in N_2/CO_2 mixtures as determined from low-frequency sound absorption measurements 1-15318
- Shields, J.E. see Lowell, S. 1-47330
- Shier, W.G. see Hsu, C.J. 1-10493
- Shier, W.G. see Lu, M.S. 1-28677
- Shierholz, G. see Fabricius, K. 1-23509
- Shiever, J.W. see Buckler, M.J. 1-11204
- Shifflett, R.C. see Deland, P.N. 1-5231
- Shifman, M.A. Wilson loop in vacuum fields 1-495
- Shifman, M.A. see Ioffe, B.L. 1-548
- Shifman, M.A. see Novikov, V.A. 1-10142
- Shifman, M.A. see Vainshtein, A.I. 1-36829
- Shifrin, A.B. see Demchenko, A.I. 1-3223
- Shifrin, A.V. see Vaisberg, O.L. 1-9340
- Shifrin, L.L., Belov, V.V., Chernyi, V.M., Orlov, Yu.M. Measuring transducer for elastometric medical instruments 1-44034
- Shiga, S. see Matsuda, A. 1-21622
- Shiga, S. see Ueyama, N. 1-26405
- Shigeki Ohke see Jyong Chi An 1-29294
- Shigehara, K. see Ogata, S. 1-24867
- Shigematsu, T., Pfannes, H.-D., Keune, W. Depth-selective conversion-electron Mossbauer spectroscopy 1-21095
- Shigematsu, T., Ushigome, H., Bando, Y., Takada, T. Epitaxial growth of magnetite on rock salt by reactive evaporation 1-2836
- Shigematsu, T. see Ohmura, Y. 1-48199
- Shigemitsu, J. see Kogut, J.B. 1-23428, 1-28183
- Shigemoto, K. Absence of QCD vacuum wave functional 1-5563
- Shigemoto, K. see Oki, F. 1-32903
- Shigemoto, K. see Saito, T. 1-50317
- Shigenari, T., Ebashi, H. Frequency splitting and saturation of the field-induced Raman spectrum of the ferroelectric soft mode in SrTiO_3 1-43110
- Shigeta, Y. see Yamaoka, I. 1-25354
- Shigetomi, S. see Ikari, T. 1-48159, 1-48159
- Shigin, V.A. see Gokhberg, B.M. 1-45556
- Shih, C., Yariv, A. Electron rebunching and radiation gain in two-element free-electron lasers 1-10967
- Shih, C.C., Cason, C. Analysis of fluid and heat flows in a closed cycle circulator for high energy pulsed lasers 1-46364
- Shih, C.C. see Isakari, H.H. 1-28743
- Shih, C.F., Andrews, W.R., Wilkinson, J.P.D. Characterization of crack initiation and growth with applications to pressure vessel steels 1-48643
- Shih, C.F., German, M.D. Requirements for a one parameter characterization of crack tip fields by the HRR singularity 1-46709
- Shih, C.H. see Huang, Y. 1-35467
- Shih, H.C. Colour changes in AuAl_2 induced by crystal imperfections 1-8099
- Shih, H.D., Jona, F., Jepsen, D.W., Marcus, P.M. Metal-surface reconstruction induced by adsorbate: $\text{Fe}(\text{H}10\text{p})(2\times 2)\text{-S}$ 1-52403
- Shih, H.D. see Fernandez, J.C. 1-38631
- Shih, H.D. see Jepsen, D.W. 1-2787
- Shih, I., Champness, C.H. Effect of thermal gradients during Czochralski growth of tellurium crystals 1-35166
- Shih, I. see Shyamprasad, N.G. 1-38808
- Shih, L.Y. Soliton-like interaction governed by the generalized Korteweg-de Vries equation 1-27792
- Shih, M.T. see Sih, G.C. 1-37788
- Shih, T.T. An evaluation of the probabilistic approach to brittle design 1-2560
- Shih, T.T. see Wei, R.P. 1-43514
- Shih, W. A remark on the Boltzmann equation 1-9950
- Shih Chang Jen see Jen Shih Chang
- Shih Chun-Ching see Chun-Ching Shih
- Shih Chunksuan see Chunksuan Shih
- Shih Liu, I. see Kremer, G.M. 1-34489
- Shih Shing-kuo see Shing-kuo Shih
- Shih Yen-Ping see Yen-Ping Shih
- Shih-Sheng P. Lai see Vanmarcke, E.H. 1-32361
- Shih-tung Tsai see Yu-Mei Chou 1-42155
- Shih-Wei Ku see Ku Shih-Wei
- Shiino, H. see Yasue, T. 1-20172
- Shik, A.Ya. see Dakhno, A.N. 1-20776
- Shik, A.Ya. see Kadyrov, M.A. 1-42854
- Shik, A.Ya. see Kechiyants, A.M. 1-20813
- Shik Jhon Mu see Mu Shik Jhon
- Shik Kim Hyung see Hyung Shik Kim
- Shikalibely, E.Sh., Grigoriants, B.V. Principal features of the crustal structure of the South-Caspian basin and the conditions of its formation 1-32414
- Shikama, T., Tanabe, T., Fujitsuka, M., Kitajima, M., Yoshida, H., Watanabe, R. Corrosion behaviors of Inconel 617 in hydrogen base gas mixture 1-16971
- Shikama, T., Tanabe, T., Hirano, T., Fujitsuka, M., Sakai, Y., Araki, H., Yoshida, H. Problems with material tests in the high-temperature gas mixture 80% H_2 +15% CO +5% CO_2 1-39581
- Shikama, T., Tanabe, T., Sakai, Y., Fujitsuka, M., Yoshida, H., Watanabe, R. Corrosion behavior of iron-base alloys in the high-temperature hydrogen-base gas mixture 80% H_2 +15% CO +5% CO_2 1-48585
- Shikano, Y. see Nishimura, K. 1-50147
- Shikanov, A.A. see Erokhin, A.A. 1-11601
- Shikanov, A.A., Sklizov, G.V., Zorev, N.N. Effect of non-linear thermal conductivity in a shock wave front at a velocity of 10^4 - 10^5 cm/s 1-42210
- Shikanov, A.S. see Basov, N.G. 1-25084
- Shikanov, A.S. see Vasin, B.L. 1-44923
- Shikarkhane, N.S. see Nundy, U. 1-46281
- Shikata, E. see Kato, H. 1-32247
- Shikata, M., Shimizu, R. Sputtering of Cu-Ni alloys at elevated temperature 1-3557
- Shikata, M. see Okutani, T. 1-8182
- Shikata, S. see Saito, S. 1-39860
- Shikata, T. see Koyama, A. 1-43230
- Shikher, V.I. see Shvedova, T.L. 1-48604
- Shikhamedbekova, A.Z. see Agaev, U.Kh. 1-24169
- Shikhman, A.S. see Bragin, A.A. 1-32534
- Shikhov, S.B. see Novikov, V.M. 1-10525
- Shikhshaidov, M.Sh. see Arkhangel'skaya, V.A. 1-26248
- Shikin, V.B., Leiderer, P. Multielectron lunes on liquid He surface 1-2737
- Shikin, V.B. see Monarkha, Yu.P. 1-7418
- Shikin, V.B. see Tatarskii, V.V. 1-30518
- Shikolaev, V.P. Heat treatment of steel 110G13L with utilization of residual casting heat 1-43377
- Shikov, A.A. see Panova, G.Kh. 1-12093
- Shikov, A.A. see Savitskii, E.M. 1-47777
- Shiles, E., Sasaki, T., Inokuti, M., Smith, D.Y. Self-consistency and sum-rule tests in the Kramers-Kronig analysis of optical data: Applications to aluminum 1-8034
- Shiley, R.H. see Bondybee, V.E. 1-37249
- Shilkin, G.S. see Grigor'ev, O.N. 1-38688
- Shilkina, L.A. see Resenkov, E.G. 1-43074
- Shilkina, L.A. see Razumovskaya, O.N. 1-39286
- Shilling, J.W. see Washko, S.D. 1-7890
- Shillington, F.A. Low frequency 0.045-Hz swell from the Southern Ocean 1-54128
- Shil'nikov, A.V. see Luchaninov, A.G. 1-31095
- Shilnikov, A.V. see Tikhomirova, N.A. 1-21150, 1-26146
- Shilo, I. see Ben-Dor, I. 1-38356
- Shilo, I. see Ben-Dor, I. 1-34854, 1-34855
- Shilo, N.A., Vashchilov, Yu.Ya., Migovich, I.M. Questions about the deep structure of the northeastern USSR in light of gravimetric data 1-22189
- Shilov, A.A. see Andreev, N.F. 1-41770
- Shilov, A.M. see Tsibina, A.A. 1-5268
- Shilov, V.B. see Borisovich, E.A. 1-51216
- Shilov, V.B. see Neporent, B.S. 1-48118
- Shilov, V.M. see Ponomarev, V.Yu. 1-23592
- Shilov, V.N. see Gavrilukh, A.I. 1-41645
- Shilovskaya, M.E. see Khokhlacheva, N.M. 1-39275
- Shilovskaya, M.E. see Tolstaya, M.A. 1-39283
- Shilov, N. see Gantschewa, T. 1-8319
- Shil'shtein, S.Sh. see Somenkov, V.A. 1-3217
- Shilstein, S.Sh. see Irodova, A.V. 1-38329
- Shilton, M.G. see Childs, P.E. 1-26400
- Shilyadov, S.O. see Podpalay, I.A. 1-41645
- Shim, H.S., Haubold, A.D. Gaseous flow through thin carbon films 1-17099
- Shim, S.A., Nam, S.W., Lee, J.Y. Studies on the abrasive wear resistance of Ni-hard 1-35395
- Shima, A., Fujiwara, T. The collapse of bubbles in compressible hydraulic oils 1-15303
- Shima, A. see Fujiwara, T. 1-15302
- Shima, K., Mihara, T., Umetani, K., Mikumo, T. Contribution of ^{210}Bi β -ray induced bremsstrahlung to the emission of Pb-KX-rays observed in the lead shielded γ -ray background spectrum 1-10687
- Shima, K., Morimoto, M., Imai, H., Fujiwara, T., Takusagawa, M. Improvement of GaAs-GaAlAs double-heterostructure laser wafer by $\text{Ga}_{1-x}\text{Al}_x$ buffer layer 1-11002
- Shima, K. see Takamaru, N. 1-25323
- Shima, K. see Takasaki, M. 1-1354
- Shima, R. see Digges, T.G., Jr. 1-3611
- Shima, T. see Crabbe, D.G. 1-14413
- Shima, T. see Crosbie, E.A. 1-45340
- Shima, Y., Yatomi, H., Golden, K.L., Kalman, G. Higher-order correlations in one-component plasmas 1-19868
- Shimada, J., Yamakawa, H. Statistical mechanics of helical wormlike chains. XII. Multivariate distribution functions 1-15047
- Shimada, J. see Hidaka, T. 1-18310
- Shimada, J. see Kikuchi, K. 1-41806
- Shimada, J. see Matsumoto, G. 1-8837
- Shimada, J. see Mitsuhashi, Y. 1-6598
- Shimada, J. see Mukai, S. 1-26396, 1-48282
- Shimada, K., Yano, M., Shibata, K., Komoto, Y., Esashi, M., Matsuo, T. Application of catheter-tip i.s.f.e.t. for continuous in vivo measurement 1-13337
- Shimada, K. see Katsura, S. 1-25960
- Shimada, M., Fujii, T., Yamamoto, T., Imai, T., Konoshima, S., Suzuki, N., Shoji, T., Takeuchi, H., Nagashima, A., Uehara, K., Maeno, M., Nagashima, T., Fujisawa, N. Loss mechanism of energetic ions produced during the lower hybrid heating of JFT-2 Tokamak 1-11539
- Shimada, M. see Dote, T. 1-11522, 1-11523
- Shimada, M. see Hirai, T. 1-25735
- Shimada, M. see Nagami, M. 1-15637
- Shimada, M. see Taguchi, H. 1-38354
- Shimada, M. see Takatori, K. 1-16732
- Shimada, R., Arakawa, K., Ogata, A., Taoka, H. CAMAC system for JT-60 poloidal field power supply control 1-10535
- Shimada, R., Tani, K., Tamura, S. Excitation of plasma current in Tokamak devices by inductive energy storages 1-7008
- Shimada, S., Tanigawa, T., Kashiwabara, H. Relaxation spectroscopy of polyethylene in urea-polyethylene complex by BL n.m.r. and e.s.r. measurements 1-31055
- Shimada, T., Katayama, Y. Chemical bonding structure of amorphous silicon-fluorine alloys [IR and XPS spectra] 1-52942
- Shimada, T. see Katayama, Y. 1-8708, 1-52103
- Shimada, T. see Usami, K. 1-21346, 1-31308
- Shimaikaya, G.V. see Dyachenko, A.A. 1-6673
- Shimakawa, T. see Ogura, K. 1-43482
- Shimakawa, T. see Okanishi, S. 1-32236
- Shimamori, H., Fessenden, R.W. Thermal electron attachment to oxygen and van der Waals molecules containing oxygen 1-41500
- Shimamoto, E. see Murakami, N. 1-48347
- Shimamoto, S. see Tsuji, H. 1-46910
- Shimamoto, S. see Yoshida, K. 1-45724
- Shimamura, N., Hayashi, T., Hayashi, T., Hamanaka, K., Adachi, O., Takagi, N. Automatic control system for DeNO_x plant 1-17333
- Shimamura, S. see Furue, H. 1-26605, 1-31590
- Shimamura, S. see Shindo, K. 1-20108
- Shimanaka, H. see Tsuya, N. 1-8251
- Shimane, Ch. see Paschuk, V.I. 1-53465
- Shimano, K. see Miura, K. 1-42393
- Shimanouchi, T., Matsuura, H., Ogawa, Y., Harada, I. Tables of molecular vibrational frequencies 1-51310
- Shimanovich, M.D. see Marinin, G.V. 1-1740
- Shimanovich, V.D. see Azharonok, V.V. 1-2166
- Shimanskaya, E.T., Bezruchko, I.V., Basok, B.I., Shimanskii, Yu.I. Experimental determination of the critical indices and asymmetric and nonasymptotic corrections to the equation for the Feon-113 coexistence curve 1-42526
- Shimanskaya, E.T. see Grekova, I.G. 1-52275
- Shimanskii, A.S. see Maksyutenko, B.P. 1-28514
- Shimanskii, S.R. see Baranov, N.A. 1-3859
- Shimanskii, Yu.I. see Grekova, I.G. 1-52275
- Shimanskii, Yu.I. see Shimanskaya, E.T. 1-42526
- Shimanuki, S. see Inomata, K. 1-16713
- Shimanuki, Y. Precipitation hardening mechanism in Ni-base wrought superalloys 1-39344
- Shimanuki, Y. Evaluation of γ particle spacing along a dislocation in a Ni-base superalloy, Udimet 520 1-42392
- Shimatani, H. see Sanuki, S. 1-26734
- Shimazaki, T. A model of temporal variations in ozone density in the Martian atmosphere 1-40371
- Shimazaki, Y., Thompson, E.G. Elasto-viscoplastic flow with special attention to boundary conditions 1-29571
- Shimazu, H. see Ikegami, Y. 1-5893
- Shimazu, H. see Uchida, H. 1-5827
- Shimazu, M. see Takubo, Y. 1-46441
- Shimbo, M. see Ochi, M. 1-39433
- Shimbo, M. see Yamaoka, I. 1-25354
- Shimenovskiy, B.S., Mikhailov, A.N. Features of the hydrothermal denaturation of collagen fibers under isometric conditions 1-32173
- Shimer, B. see Lim, T.K. 1-10798
- Shimizu, H. see Takeuchi, M. 1-20538
- Shimizu, A., Suzuki, S. Geometrical aspects of high energy inelastic hadron reactions 1-14326
- Shimizu, A., Suzuki, S. A shadow approach to elastic and inelastic diffractions of composite hadrons 1-45348
- Shimizu, A. see Kasuga, M. 1-20583
- Shimizu, A. see Matsuo, N. 1-707
- Shimizu, A. see Sakai, H. 1-691
- Shimizu, A. see Wada, T. 1-54559
- Shimizu, H., Koyama, N., Ishida, Y. Depletion of copper from the grain boundary region of copper-nickel alloys during sputtering at elevated temperatures 1-26345

- Shimizu, H., Koyama, N., Ishida, Y., Ono, M., Kudo, R. Composition of argon ion bombarded surface layers of Cu/Ni alloys at elevated temperatures 1-53028
- Shimizu, H., Ono, M., Koyama, N., Ishida, Y. Dose rate effect of the preferential sputtering of copper-nickel alloys by argon ion at elevated temperatures 1-16642
- Shimizu, H. see Hatanaka, K. 1-33255
- Shimizu, H. see Sawada, T. 1-40866
- Shimizu, H. see Watanabe, H. 1-43072
- Shimizu, I., Komatsu, T., Inoue, E. A photoreceptor for electrophotography using an amorphous silicon thin film 1-34744
- Shimizu, I., Oda, S., Saito, K., Inoue, E. Vidicon target of a p-n structure using a Si:H 1-42813
- Shimizu, I. see Chanh Khe, N. 1-33070
- Shimizu, I. see Fujimaki, Y. 1-34739, 1-42851
- Shimizu, I. see Ishiwata, T. 1-33069
- Shimizu, K. Mechanism of visual sense-optical system of compound eye 1-26898
- Shimizu, K. Information processing in the compound eye 1-53782
- Shimizu, K., Okamoto, M., Amano, T. Numerical simulation of density evolution in JIPP T-2 tokamak 1-46855
- Shimizu, K. see Amano, T. 1-38139, 1-46922
- Shimizu, K. see Eiju, T. 1-35857
- Shimizu, K. see Kakeshita, T. 1-16777
- Shimizu, K. see Lin, R. 1-42203
- Shimizu, K. see Tripathi, R.K. 1-10330
- Shimizu, K. see Yamaguchi, O. 1-48309
- Shimizu, M. Effects of spin fluctuations in itinerant electron ferromagnets 1-30959
- Shimizu, M., Doi, T., Kitamoto, A., Takashima, Y. Numerical analysis on heavy water separation characteristics for a pair of dual temperature multistage-type H_2/H_2O -exchange columns 1-19203
- Shimizu, M., Noguchi, K., Moriaki, K., Sairenji, E. Distribution of uranium in dental porcelains by means of the fission track method 1-9008
- Shimizu, M. see Hayashi, E. 1-7809
- Shimizu, M. see Kunio, T. 1-8409
- Shimizu, M. see Takahashi, Y. 1-7807
- Shimizu, M. see Takatsu, H. 1-2256
- Shimizu, M. see Yasui, M. 1-16430
- Shimizu, N. Energy filtering and quantitative SIMS analysis of silicates for major and trace elements 1-31950
- Shimizu, N., Maeda, I. Analysis of seismic waves with the remarkable phases observed at station KMU 1-54014
- Shimizu, R. see Adesida, I. 1-42438
- Shimizu, R. see Ichimura, S. 1-43227
- Shimizu, R. see Okutani, T. 1-8182, 1-28117, 1-31270
- Shimizu, R. see Shikata, M. 1-3557
- Shimizu, R. see Shinike, T. 1-16651
- Shimizu, R. see Benninghoven, A. (editor) 1-27666
- Shimizu, T. Baryon production through diquark-quark recombination at the proton fragmentation region 1-33153
- Shimizu, T. Determination of molecular relaxation constants by coherent transient spectroscopy 1-33513
- Shimizu, T. Chemical bond approach to amorphous semiconductors 1-42680
- Shimizu, T., Hashimoto, K., Yanagida, H., Nishikawa, Y. Synthesis of potassium titanate 'furfibers' by the disk process 1-16725
- Shimizu, T., Minakata, A., Tomiyama, T. The dilute solution properties of maleic anhydride and maleic acid copolymers. I. Light scattering, osmotic pressure and viscosity measurements 1-46984
- Shimizu, T. see Hasegawa, I. 1-44512
- Shimizu, T. see Hasegawa, S. 1-47931, 1-52828
- Shimizu, T. see Kasuga, T. 1-24287
- Shimizu, T. see Suzuki, M. 1-4191, 1-21050
- Shimizu, T. see Watani, M. 1-49950
- Shimizu, Y., Sugino, K. Hydraulic losses and flow patterns of a swirling flow in U-bends 1-34012
- Shimizu, Y., Yamamoto, Y. SAW propagation characteristics on $LiNbO_3$ with arbitrary cut 1-20536
- Shimizu, Y., Yamamoto, Y. SAW propagation characteristics on α -quartz with arbitrary cut 1-34563
- Shimizu, Y. see Kato, K. 1-5572
- Shimizu, Y. see Kusukawa, K. 1-37885
- Shimizu, Y. see Nakamura, F. 1-26458
- Shimizu, Y. see Okawa, M. 1-45122
- Shimkevich, A.L. see Aleksandrov, V.I. 1-7604
- Shimmin, A.F. see Charsley, P. 1-26504
- Shimmin, W.L. see Baum, D.W. 1-34097
- Shimo, D. see Koterazawa, R. 1-26670
- Shimobayashi, M. see Yamanaka, M. 1-19970
- Shimo, D. see Baba, M. 1-37555
- Shimoda, K. see Kondoh, Y. 1-46912
- Shimoda, K. see Tsukakoshi, M. 1-19056, 1-51176
- Shimoda, S., Mada, H., Kobayashi, S. Anchoring properties of liquid crystals at the substrates: temperature dependence of pretilt 1-38276
- Shimoda, T., Okonogi, I., Kasai, K., Teraishi, K. New resin bonded Sm_2Co_{17} type magnets 1-8252
- Shimoda, T. see Takada, E. 1-41137
- Shimodaya, I. see Hasegawa, K. 1-580
- Shimogori, K. Corrosion behaviour of iron and nickel base alloys in high pressure and temperature water 1-48574
- Shimohira, T. see Makishima, A. 1-31699
- Shimoi, M. Thermodynamic aspects of liquid and amorphous metals 1-30423
- Shimoi, M. see Itami, T. 1-46980
- Shimoi, M. see Kawamura, J. 1-38583
- Shimoi, M. see Nakamura, Y. 1-26054
- Shimokawa, T., Tanaka, S. A statistical consideration of Miner's rule 1-39423
- Shimomae, K., Senda, K., Kasai, K., Hamaguchi, C. Magnetophonon effect in p-InSb 1-7642
- Shimomura, H. see Fukuda, K. 1-1987
- Shimomura, K., Yoshida, M., Sanjoh, A., Negita, H. Spin-rotational relaxation of protons in some solid amorphous compounds 1-38998
- Shimomura, M. see Ohkita, K. 1-35530
- Shimomura, O., Kawamura, T., Fukamachi, T., Hosoya, S., Hunter, S., Biencstock, A. EXAFS measurement and K-absorption edge spectrum of high-pressure metallic phase of GaAs 1-35121
- Shimomura, O., Yamaoka, S., Nakazawa, N., Fukunaga, O. X-ray intensity measurements of powdered samples in a gasketed anvil cell 1-29998
- Shimomura, O. see Fujii, Y. 1-28148
- Shimomura, O. see Takemura, K. 1-20316, 1-34476
- Shimomura, O. see Yamaoka, S. 1-5336
- Shimomura, T. see Fukushima, M. 1-45770
- Shimomura, T. see Terada, S. 1-14415
- Shimomura, Y. see Iizuka, S. 1-6996
- Shimomura, Y. see Odajima, K. 1-11573
- Shimomura, Y. see Seki, Y. 1-11587
- Shimomura, Y. see Sengoku, S. 1-24988
- Shimoi, Y. see Gerber, R.B. 1-24211
- Shimo, T., Shibata, Y., Kimura, H. Evolution rates of SiO from $CaO-SiO_2-Al_2O_3$ Slag melted in a graphite crucible and dissolution rates of carbon in slag 1-25436
- Shimooka, T. see Tanabe, F. 1-33333
- Shimosaka, H., Iguchi, M. Motions of a stretched string under a moving load 1-1872
- Shimotake, H. see Martino, F.J. 1-48820
- Shimotake, H. see Park, Y.W. 1-48823
- Shimotomai, K. see Nishiyai, I. 1-4356
- Shimotomai, M., Doyama, M. State of solution of Co in α -Sn 1-42587
- Shimshoni, M. see Gogna, M.L. 1-27076
- Shimamura, Y. Poloidal divertor experiment in DIVA/JFT-2a 1-19948
- Shimura, F., Tsuya, H., Kawamura, T. Precipitation and redistribution of oxygen in Czochralski-grown silicon 1-3742
- Shimura, S., Sato, S., Takishima, T., Otsubo, Y., Umeya, K. Relaxation behavior of sputum studied using the raised cosine pulse method 1-53802
- Shin, F.G. see Kwan, S.H. 1-30791
- Shin, H.K., Altick, P.L. Simultaneous vibration-vibration and vibration-translation transitions in $H_2 + D_2$ at high collision energies 1-6358
- Shin, H.K., Kim, Y.H. Temperature dependence of near-resonant vibration-vibration energy exchange in $H^{35}Cl + H^{37}Cl$ and $D^{35}Cl + D^{37}Cl$ collisions 1-1334
- Shin, K., Hasegawa, T., Hyodo, T. (n, γ) and (n, n γ) cross sections of Mo, Ti, and Ni for 15-MeV neutrons 1-18890
- Shin, K., Hasegawa, T., Hyodo, T. (n, γ) and (n, n γ) cross sections of molybdenum, titanium and nickel for 15-MeV neutrons 1-28697
- Shin, K., Takasugi, M., Hyodo, T. Transmission of fission neutrons from ^{252}Cf through slabs and cylinders 1-50971
- Shin, K., Uwamino, Y., Hyodo, T. Propagation of errors from response function to unfolded spectra 1-18715
- Shin, Y.M. see Chung, W.H. 1-41025
- Shin, Y.M. see Uegaki, J. 1-37083
- Shin, Y.W. Computer program SWAAM-1 for analysis of large sodium-water reactions in LMFBR secondary systems 1-10458
- Shin Hyun Jong see Hyun Jong Shin
- Shin Sang-Yung see Sang-Yung Shin
- Shin-Cheng Fu see Takayama, S. 1-16875
- Shin-ichi Iwai see Ki Dong Oh 1-48373
- Shin-ichi Takahashi, Nagai, H. High quality LPE growth of InGaAsP/InP DH laser wafers under a PH₃ ambient 1-53110
- Shin-ichi Uchida, Okajima, K., Tanaka, S. Possibility of two-dimensional conductance in 1T-TaS₂ 1-47685
- Shin-Tsu Lu, Lebda, N., Pettit, S., Michaelson, S.M. Delineating acute neuroendocrine responses in microwave-exposed rats 1-22064
- Shina, Y. Analysis of heat transfer to laminar flow in converging plane walled channels with prescribed wall heat flux 1-34014
- Shinada, S. see Mohri, M. 1-26340
- Shinada, T. see Mohri, M. 1-28698
- Shinagawa, M. see Furushima, K. 1-28833
- Shinagawa, M. see Kawabata, H. 1-6118
- Shinagawa, Y., Shinagawa, Y. Regression analysis of enzyme reaction: O-methylation of catechol derivatives by catechol-O-methyltransferase 1-8545
- Shinagawa, Y., Shinagawa, Y., Uyesaka, N., Fukuda, K. INDO studies on the structure of benzosemiquinone radicals 1-4103
- Shinagawa, Y. see Shinagawa, Y. 1-4103, 1-8545
- Shinar, J., Davidov, D. A study of the diffusion properties of ZrV_2H_x hydrides 1-7968
- Shinar, J., Davidov, D., Hogg, R.D. Nuclear magnetic resonance study of HfV_2H_x and ZrV_2H_x ($0 \leq x \leq 4.2$) hydrides 1-47972
- Shinar, J., Malchin, A. A proton nuclear magnetic resonance investigation of $LaNi_{1-x}Cu_x$ ($1 \leq x \leq 5$) hydrides 1-3284
- Shinar, J. see Peretz, M. 1-39003
- Shinar, R. see Kennedy, J.H. 1-21734
- Shinba, Y. Phonon-limited electron mobility in Si(100) inversion layer at low temperatures 1-38834
- Shinbrot, M. Water waves over periodic bottoms in three dimensions 1-2005
- Shindo, D. see Hiraga, K. 1-15834
- Shindo, H., Imazu, S., Inaba, T. A theoretical treatment of the line-intensity jump in a decaying argon-arc plasma 1-19991
- Shindo, I. Determination of the phase diagram by the slow cooling float zone method: the system $MgO-TiO_2$ 1-3704
- Shindo, K., Shimamura, S., Kobayashi, T., Nara, H. Pressure-induced NaCl and β -Sn structures of InSb 1-20108
- Shindo, K. see Asahina, H. 1-47449
- Shindo, T., Yashima, O. Effect of the voice-coil and the surround on the vibration and the sound pressure response of the cone of a loudspeaker 1-19534
- Shindo, T. see Oie, S. 1-29420
- Shine, J. see Kritikos, H.N. 1-33054
- Shine, S.J. see Bogy, D.B. 1-37984
- Shing-kuo Shih see Wright, J.S. 1-14834, 1-37140
- Shingai, R. A model for the formation of direction-selective cells in developing retina 1-8854
- Shingu, P.H. Crystallization of amorphous metals 1-42316
- Shinike, T., Hiraoka, H., Shimizu, R. The brightness of single-crystal LaB_6 cathodes 1-16651
- Shinjo, T., Hosoi, N., Hine, S., Takada, T. Reaction at Fe-Sn interface studied by Mossbauer spectroscopy 1-26085
- Shinjo, T. see Takabatake, T. 1-16393
- Shinkarik, T.K. Investigation of the motion of a celestial body under the influence of tidal moment 1-49482
- Shinn, W. see Bates, J. 1-53157
- Shinn-Tyan Wu Vacancy ordering in Ni-Te: a theoretical modelling with Bethe-Peierls approximation 1-15889
- Shinoda, A. see Kusukawa, K. 1-37885
- Shinoda, T., Nakamura, T. The effect of applied stress on the intergranular segregation of P in a Cr-Mo steel 1-26476
- Shinoda, T., Nakamura, T. Applied stress effects on solute equilibrium intergranular segregation 1-38544
- Shinoda, T. see Tsunashima, S. 1-38926
- Shinoda, Y. see Kaga, K. 1-49003
- Shinoda, Y. see Koda, K. 1-11268, 1-38032
- Shinozaki, H., Koga, Y. Evaluation of scintillation camera by spherical lesion detectability 1-53881
- Shinozaki, H. see Ogata, S. 1-24867
- Shinozaki, H. see Sarai, J. 1-26258, 1-39352
- Shinozaki, K., Akamatsu, T., Ueda, R. ν_2 absorption of methane ($^{12}CH_4$, $^{13}CH_4$) with ultra high resolution using tunable diode lasers 1-45956
- Shinozaki, M., Hasimoto, H. The force on a small sphere sedimenting in a viscous fluid outside of a circular cylinder 1-6881
- Shinozaki, M., Kugo, T., Ono, K. Superleak-tight stainless steel hollow O-ring seals for cryogenic use 1-14127
- Shinozaki, S. Methods of determining the elongation ratio in a non-circular Tokamak 1-19972
- Shinozaki, S., Toyama, H. Passive feedback control of plasma position in a Tokamak 1-19930
- Shinoki, F., Yoshida, S., Ohata, Y. Electrical properties of RF reactive sputtered Sn-doped In_2O_3 films 1-20882
- Shinoki, F., Yoshida, S., Ohata, Y. Optical properties of RF reactive sputtered Sn-doped In_2O_3 films 1-21284
- Shinoki, F. see Ebisawa, S. 1-21902
- Shinoki, F. see Senzaki, K. 1-21903
- Shinoki, F. see Yoshida, S. 1-21908
- Shinozaki, K., Yamaguchi, T. Optical absorption of submonolayer silver films: size effect of ϵ_{free} and ϵ_{bound} in small island particles 1-48188
- Shinozuka, T. see Fujita, M. 1-17656
- Shinozuka, T. see Tanaka, H. 1-17698
- Shinsaka, K. see Nakamura, Y. 1-30759
- Shinsky, K.A. see Bebek, C. 1-33191
- Shinsky, K.A. see Chadwick, K. 1-33192

- Shintani, A., Sugaki, S., Nakashima, H. Temperature dependence of stresses in chemical vapor deposited vitreous films 1-2660
- Shintani, K., Oshima, N. Effective thermal conductivity of spheres in slow flows 1-2064
- Shintani, S. see Yoshiwa, M. 1-48910
- Shintomi, T., Masuda, M., Eyssa, Y.M., Boom, R.W. Construction of a model magnet for shielded pulsed energy storage 1-53702
- Shintomi, T., Masuda, M., Sato, H., Asaji, K. 3-MJ magnet for superconductive energy storage 1-48928
- Shintomi, T. see Masuda, M. 1-48926
- Shioda, T. see Sanada, K. 1-15297
- Shiokawa, S. see Iriyama, K. 1-7658
- Shiomi, M. see Ito, T. 1-19992
- Shiomi, S., Ikai, A., Sawada, Y., Iwata, S., Uchiyama, S., Fujii, T. Effect of static in-plane magnetic field on translation velocity and mobility of bubble domains in Eu-CaGe and Sm-CaGe substituted garnet films 1-7921
- Shiomi, T., Fujisawa, K., Hamada, F., Nakajima, A. Thermodynamics of poly(dimethylsiloxane) solutions 1-26765
- Shiomi, T. see Fujisawa, K. 1-42288
- Shiomi, Y., Kuroda, T., Ogawa, T. Thermal analysis of a growing crystal in an aqueous solution 1-2363
- Shiomi, Y. see Kai, K. 1-13696, 1-54373
- Shiono, K., Mikumo, T., Ishikawa, Y. Tectonics of the Kyushu-Ryukyu arc as evidenced from seismicity and focal mechanism of shallow to intermediate-depth earthquakes 1-32427
- Shionoya, S. see Masumoto, Y. 1-39077, 1-47502
- Shionoya, S. see Tanaka, S. 1-8117
- Shiosaki, T., Fukuda, S., Sakai, K., Kuroda, H., Kawabata, A. Second harmonic generation in As-spattered ZnO optical waveguide 1-46447
- Shiosaki, T. see Fukuda, S. 1-26168
- Shiota, I., Nishizawa, J. Thermal oxidation of Ga₂O₃-covered GaAs surfaces 1-21612
- Shiota, T., Yoneyama, T., Nishida, S. Microwave leakage and power-handling capability of beam waveguides 1-1693
- Shiotani, N., Okada, T., Sekizawa, H., Wakoh, S. Angular correlation of positron annihilation radiation in magnesium 1-48194
- Shiotani, N. see Fukushima, H. 1-43209
- Shiotani, N. see Mizoguchi, T. 1-30085
- Shiotani, T., Ichimura, T., Ueda, A. Phase separation and thermodynamic properties of binary soft-core mixture 1-25440
- Shiotsuki, T. see Nishida, T. 1-34965
- Shioya, S., Matsuda, M. Thermal stresses in an infinite plate with two circular inclusions under uniform heat flow 1-41939
- Shioya, S. see Araki, H. 1-24673
- Shiozaki, I. see Hiramine, M. 1-25704
- Shiozaki, I. see Hurd, C.M. 1-42981
- Shiozaki, M. see Horikawa, K. 1-40135
- Shiozaki, Y. see Tanaka, M. 1-25212
- Shiozawa, S. see Ishikawa, M. 1-18746
- Shipatov, V.T. see Borovik, A.S. 1-52189
- Shipilov, E.I. see Ivanov, V.B. 1-1035
- Shipko, M.N. see Letyuk, L.M. 1-3169
- Shipley, J.P. see Markin, J.T. 1-14607
- Shipman, H.L., Green, R.F. Revised stellar birthrates and the genesis of pulsars 1-4929
- Shipman, H.L. see Holberg, J.B. 1-49652
- Shipov, N.V., Belyakov, V.A. Nonlinear frequency conversion in cholesteric liquid crystals 1-24457
- Shippey, E.D., Schaub, P.E. Development of a compressed air energy storage power generation plant—the pecco demonstration plant study 1-53704
- Shippey, T.A. Vibrational studies of anhydrous lithium, sodium and potassium oxalates 1-12494
- Shipsey, E.J., Browne, J.C., Olson, R.E. Electron capture and ionisation in C⁵⁺, N³⁺, O⁶⁺ + H collisions 1-46108
- Shipsey, E.J. see Green, T.A. 1-46099
- Shipulo, G.P. see Lyndin, N.M. 1-1727
- Shiqiong Li see Li Shiqiong
- Shirafuji, J., Matsui, S., Hida, H., Sakai, K., Inuishi, Y. Video detection of far infrared radiation by Nb thin film microbridges under vortex flux flow 1-18300
- Shirafuji, J. see Kim, G.I. 1-4193
- Shirafuji, T. see Hayashi, K. 1-14056, 1-14057, 1-32894, 1-50026
- Shiraga, H., Mochizuki, T., Yamanaka, C. Observation of asymmetric electric field around laser-implanted target 1-15630
- Shirahata, H. see Daigui, H. 1-24820
- Shirahata, H. see Matsumoto, K. 1-19353
- Shirahata, K. see Takamiya, S. 1-11023
- Shirahata, K. see Yoshida, S. 1-13124
- Shirai, H., Hongo, K. Numerical study of the near field radiated by an infinitely long slot on circular conducting cylinder 1-6427
- Shirai, J. see Hatanaka, K. 1-33255
- Shirai, S. see Ohga, J. 1-19540
- Shirai, T. see Ishida, M. 1-42093
- Shiraishi, M. see Yoshino, K. 1-31089
- Shiraishi, T., Kobayashi, A., Hasegawa, T., Akagi, K., Nakazawa, M., Kasahara, A., Tanaka, Y., Watanabe, Y., Seo, J., Sakai, A. A study of the quantification of ²⁰¹Tl myocardial scintigrams of prior myocardial infarctions and their influence on left ventricular function 1-26997
- Shiraishi, T. see Gomi, T. 1-20730
- Shiraishi, T., Fujino, N., Murayama, J., Usuki, N. Application of ion microprobe to surface properties of cold-rolled steel sheet 1-30406
- Shirakashi, M., Tomita, Y. The structure of turbulent diffusion. II. Diffusion near the turbulent interface 1-11387
- Shirakata, H. see Nakagawa, S. 1-46636
- Shirakawa, H. see Harada, I. 1-39072
- Shirakawa, K., Ohnuma, S., Nose, M., Masumoto, T. Invar characteristics of amorphous (Fe,Co and Ni)-Zr alloys 1-7926
- Shirakawa, K. see Chen, H.S. 1-20067
- Shirakawa, K. see Masumoto, T. 1-25905
- Shirakawa, K. see Ohnuma, S. 1-12283
- Shirakawa, T., Okamura, K., Nakai, J., Nishida, H. Exciton absorption spectrum in ZnSiP₂ crystal 1-16234
- Shirakawa, Y., Kukimoto, H. Deep levels in ZnSe/GaAs heterojunctions 1-38745
- Shirakawa, Y. see Mizuno, H. 1-39774
- Shiraki, H., Horigami, O., Murase, S. Influences of tensile and bending strains on the critical current in multifilamentary Nb₃Sn composites processed by Nb tube method 1-52728
- Shiraki, M. see Iriyama, K. 1-7658
- Shirakyan, G.G. see Bagdasaryan, R.A. 1-3066
- Shiralkar, B.S. see Rao, A.S. 1-28671
- Shirane, G. see Axe, J.D. 1-8017
- Shirane, G. see Cowley, R.A. 1-7844, 1-21003
- Shirane, G. see Hirakawa, K. 1-52751
- Shirane, G. see Lynn, J.W. 1-38911
- Shirane, G. see Moncton, D.E. 1-30883
- Shirane, G. see Po-zen Wong 1-25938
- Shirane, G. see Shapiro, S.M. 1-12329
- Shirane, G. see Yoshizawa, H. 1-52764
- Shirane, G. see Youngblood, R. 1-3342
- Shirane, K., Funakubo, H. Fundamental studies of miniaturization of plasma separator [for artificial kidney] 1-4388
- Shirane, K. see Ohshima, Y. 1-40024
- Shirankov, A.F. see Muratov, V.R. 1-29211
- Shirasaki, S., Yamamura, H., Haneda, H., Kakegawa, K., Moori, J. Defect structure and oxygen diffusion in undoped and La-doped polycrystalline barium titanate 1-25494
- Shirasaki, S. see Ikegami, T. 1-39291
- Shirasaki, Sh. see Moriyoshi, Y. 1-25277
- Shiratori, E. see Tsuda, S. 1-26537
- Shiratori, M., Dodd, B. The plane-strain general yielding of notched members due to combined axial force and bending. III. Comparison of theories with experiment 1-15412
- Shiratori, M., Miyoshi, T. Evaluation of constraint factor and J-integral for single-edge notched specimen 1-46711
- Shirazian, M.H. see Steinhauer, L.C. 1-50946
- Shires, G.L., Pearson, K.G., Richards, A.D. An experimental study of level swell in a partially water filled fuel cluster 1-33288
- Shirk, E.K. see Green, M.A. 1-49517
- Shirk, J.S., Harris, T.D., Mitchell, J.W. Laser intracavity spectrophotometer 1-18274
- Shirkot, K.S., Thakur, D.S. Flow of 'dipolar fluids' through a circular pipe with constant temperature gradient 1-2076
- Shirkov, D.V. see Gerd, V.P. 1-50
- Shirkov, D.V. see Kazakov, D.I. 1-10063
- Shirley, D.A. see Davis, R.F. 1-21324
- Shirley, D.A. see Kevan, S.D. 1-42636
- Shirley, J. see Ram, B. 1-5725
- Shirley, R. Data accuracy for powder indexing 1-29989
- Shirley, W.M. see Bryant, R.G. 1-8791
- Shirmin, G.I. On a 'new' model problem suggested by A.A. Kochiev and its connection with certain problems of celestial mechanics 1-13677
- Shirochin, L.A., Fursei, G.N., Baskin, L.M., Borisov, D.A., Zhukov, V.M., Chibukov, Yu.Ya. Possible mechanism for the current instability in explosive emission 1-53060
- Shiroishi, Y. see Sawada, S. 1-8013
- Shiroishi, Y. see Tanisaki, S. 1-30156
- Shirokanov, A.D. Relation between emission of a capillary discharge and discharge-circuit parameters 1-28073
- Shirokanov, A.D. see Petukh, M.L. 1-53515
- Shirokikh, V.D. see Brandt, N.B. 1-20298
- Shirokov, A.S. Multisolution stationary solutions of the sine-Gordon equation 1-44772
- Shirokov, G.D. see Kazarinov, N.Yu. 1-23924
- Shirokov, M.L. Strictly localized states and particles 1-5505
- Shirokov, V.I. see Cherkasov, A.S. 1-46027
- Shirokov, V.I. see Kolobkov, V.P. 1-16607
- Shirokov, V.V. see Maksimovich, G.G. 1-31507
- Shirokov, Yu.M. Strongly singular potentials in one-dimensional quantum mechanics 1-14046
- Shirokov, Yu.M. Strongly singular potentials in three-dimensional quantum mechanics 1-27827
- Shirokov, Yu.V. see Velesko, N.A. 1-42565
- Shirokova, A.A., Shitikova, K.V. Decay channels of the monopole giant resonance 1-33248
- Shirokova, A.A. see Goncharova, N.G. 1-50566
- Shirokova, E.K. see Zatspein, G.T. 1-49467
- Shirokovskii, V.P. see Topol'skii, V.G. 1-34671
- Shirokovskii, V.P. see Veprev, A.G. 1-25691
- Shirokshina, Z.V. Antireflection coating of zinc selenide components 1-37567
- Shirokshina, Z.V., Dzhus, T.M. Antireflection and protective coating of components made from KO-5 optical ceramic 1-15251
- Shiromaru, H. see Katsumata, S. 1-6313
- Shironosov, V.G. Electromagnetic resonance pressure and force moment 1-21034
- Shiroya, S. see Yamane, Y. 1-10448
- Shirron, S.F. see Varshneya, D. 1-24925
- Shirshov, A.A. see Pavlov, K.B. 1-51869
- Shirshov, E.M. Amplitude-time distortion in a kinetic spectrophotometer 1-44979
- Shircliffe, G.W. see Banyard, K.E. 1-1362
- Shirts, R.B., Gordon, R.G. Piecewise analytic solution of the charge carrier transport equation for nondegenerate semiconductors 1-3050
- Shiryayev, V.I. see Barabanov, I.R. 1-23981
- Shiryayev, M.P. see Vorontsov, N.M. 1-1739
- Shishatskaya, L.P. see Reiterov, V.M. 1-37569
- Shishido, M. see Kagami, H. 1-36077
- Shishkin, B.B. see Mashitakova, V.A. 1-31296
- Shishkin, B.B. see Rukhlyada, N.Y. 1-31297
- Shishkin, I.V. see Bogatyrev, L.S. 1-30436
- Shishkin, L.A., Slatinskii, N.D. Effect of a magnetic field on unified gravitational waves in a ferrofluid 1-19824
- Shishkin, L.A. see Shishkina, L.P. 1-51879
- Shishkina, E.Yu. see Barkova, L.A. 1-14955
- Shishkina, E.Yu. see Gruzinskii, V.V. 1-33679
- Shishkina, G.A. see Sedov, N.Ya. 1-995
- Shishkina, L.I. see Vasin, B.L. 1-44923
- Shishkina, L.P., Shishkin, L.A. The effect of gravity field on magnetohydrodynamic waves 1-51879
- Shishkina, M.I. see Ivanov, A.S. 1-43498
- Shishko, A.Ya. Effect of induced magnetic fields on the characteristics of a two-channel direct-current electromagnetic pump 1-2097
- Shishkov, E.V. see Pashkov, S.A. 1-38160
- Shishkov, N.V. see Vasil'ev, V.G. 1-43301
- Shishkov, V.F. see Soskin, M.S. 1-37442
- Shishkov, V.V. Influence of distillation of impurity concentration in bars during zone refining 1-31341
- Shishkova, N.E. see Beigel'zimer, Ya.Yu. 1-26540
- Shishlyanikova, L.M., Plavnik, G.M. Comparison of the second approximation of the approximation method with other methods of analyzing the fine structure of polycrystals 1-29966
- Shishmentseva, E.V. see Kraevskii, S.L. 1-16550
- Shishov, E.V., Roganov, P.S., Afanas'ev, V.N., Belov, V.M. Experimental study of temperature fluctuation balance in diffusing flow region 1-15477
- Shishov, V.I. see Efimov, G.V. 1-12702
- Shishov, V.I. Fluctuation structure of pulsar pulses scattered by a turbulent interstellar phase screen 1-13793
- Shishov, V.I. see Chashe, I.V. 1-4966
- Shishov, A.G. see Lucashenko, L.I. 1-34914
- Shitikov, Yu.L., Vindryaevskii, V.A., Zemlyanov, M.G., Chernoplekov, N.A. Anharmonism of local Be vibrations in Cu-Be alloys 1-52242
- Shitikova, K.V. see Goncharova, N.G. 1-50566
- Shitikova, K.V. see Shirokova, A.A. 1-33248
- Shito, O. Diquark model and nonleptonic decays of hyperons 1-504
- Shitov, V.G. Evaluation of the precision in setting a telescope with an alt-azimuth mounting 1-22682
- Shitor, Yu.P. see Vyzhlov, B.V. 1-4932
- Shitova, E.V. see Genkina, N.A. 1-48181
- Shitts, L.K. see Bondarev, K.T. 1-48337
- Shitts, Yu.A. see Bondarev, K.T. 1-48337
- Shitzer, A., Eberhart, R.C., Eisenfeld, J. Estimation of tissue blood perfusion rate from diffusible indicator measurements: a sensitivity analysis 1-22153
- Shiu, K.K., Jones, B.G. Experimental study of LMFB thermal insulations 1-28538
- Shiu, Y.F. see De Young, R.J. 1-24391
- Shiu-Chin Wu see Donovan, T.M. 1-31219
- Shiue, C.C., Sah, C.T. Theory and experiment of electron mobility on silicon surface in weak inversion 1-7748
- Shiue, J.C. see Wang, J.R. 1-5329, 1-17627
- Shivakumar, G.K. see Patel, A.R. 1-38681
- Shivamoggi, B.K. Effects of compressibility upon the viscous stability of a free shear layer 1-24762
- Shivamoggi, B.K., Ueberli, M.S. Convective instability of a plasma slab in a magnetic field 1-34064
- Shivaprakash, N.C., Rajalakshmi, P.K., Shashidhara Prasad, J. Molecular packing of some cholesterol derivatives 1-15788
- Shivaprakash, N.C., Rajalakshmi, P.K., Shashidhara Prasad, J. Infrared spectroscopic studies of homologous cholesterol liquid crystals 1-16565

- Shivaprakash, N.C. *see* Rajalakshmi, P.K. 1-16564
- Shivaprasad, S.M., Angadi, M.A., Udachan, L.A. Temperature coefficient of resistance of thin manganese films 1-3079
- Shivaprasad, S.M., Ashrit, P.V., Angadi, M.A. Electrical properties of vacuum evaporated thin manganese films 1-2935
- Shivaprasad, S.M. *see* Ashrit, P.V. 1-12211
- Shivaprasad, S.M. *see* Udachan, L.A. 1-2936
- Shive, P.N. *see* Sheriff, S.D. 1-4421, 1-44102
- Shively, F.T. *see* Fronterhouse, D.C. 1-27250
- Shively, J. *see* Jory, H. 1-42188
- Shively, R.R. *see* Gianola, U.F. 1-24601
- Shiyan, V.S. *see* Mitrofanov, V.P. 1-25380
- Shiyanovskii, S.V. On the absorption band shape of the uniaxial liquid crystal optical spectra 1-43139
- Shiyanovskii, S.V. *see* Sugakov, V.I. 1-2322, 1-8067
- Shizgal, B. Nonequilibrium time dependent theory of hot atom reactions. III. Comparison with Estrup-Wolfgang theory 1-48662
- Shizhi Cui *see* Cui Shizhi
- Shizuka, H. *see* Tobita, S. 1-6300
- Shizuma, K., Hamanaka, S., Yoshizawa, Y. Continuous radiation spectra of positron annihilation in flight 1-8153
- Shizuma, K., Nishi, M., Fujita, T., Yoshizawa, Y. Doppler broadening measurement of positron annihilation in alkali hydrides and alkali fluorides 1-35113
- Shizuya, K. Soft-gluon effects in nonleptonic decays of charmed mesons 1-50420
- Shizuya, K.-I. Gauge-invariant multipole expansion scheme for heavy-quark systems in quantum chromodynamics 1-50394
- Shkarlet, Yu.M. *see* Kosovskii, D.I. 1-28018
- Shkatov, V.V. *see* Shtremel', M.A. 1-8303
- Shkro, V.M., Borovinskaya, I.P., Merzhanov, A.G. Reactive properties exhibited by various types of carbon during the preparation of titanium carbide by self-propagating high-temperature synthesis 1-12704
- Shklover, V.E. *see* Palyulin, V.A. 1-29133
- Shklovskaya, A.I. *see* Abdrabmanov, E.O. 1-722
- Shklovskaya-Koldi, V.V. *see* Kotyuk, A.F. 1-6566
- Shklovskii, B.I., Efros, A.L. Structure of impurity bands in lightly doped semiconductors 1-20658
- Shklovskii, B.I. *see* Efros, A.L. 1-47549
- Shklovskii, V.A. Hot electrons in metals at low temperatures 1-30845
- Shklyar, A.A., Repinskii, S.M. Investigation of surface self-diffusion by determination of changes in the reflection intensity profiles of low-energy diffracted electrons 1-25542
- Shklyar, A.A. *see* Vasilev, Ya.V. 1-43272
- Shklyar, D.R. *see* Meerson, B.I. 1-24963
- Shklyar, V.S. *see* Aleksandrov, V.D. 1-47398
- Shklyarchuk, F.M. *see* Obratsova, E.I. 1-29712
- Shklyarchuk, F.N. *see* Antufev, B.A. 1-15405
- Shklyarskii, O.I. *see* Lysykh, A.A. 1-11829
- Shklyarskii, I.N. *see* Al-Abdella, R.B. 1-43201
- Shklyarskii, I.N., Blyashenko, G.S., Papa Mzi Ndayi Surface plasmons in granular gold films 1-43200
- Shklyarskii, I.N., Khramtsova, V.I., Lupashko, E.A. Problem of the complete suppression of the reflection of quarter-wave coatings in the region of the secondary maxima for a specified wavelength 1-6635
- Shklyarskii, I.N., Khramtsova, V.I., Lupashko, E.A. Graphical method for short-wave-cutoff filter synthesis 1-29377
- Shkoba, B.V. *see* Shenik, O.B. 1-41485
- Shkoba, B.V. *see* Zavalupo, A.N. 1-23368
- Shkolnik, N. *see* Hahn, Y. 1-10620
- Shkol'nikov, E.V. Analysis of the temperature dependence of the rate constants of pyroceramic formation in impure As_2Se_3 1-47004
- Shkul'kov, A.V. *see* Sokolov, A.N. 1-12727
- Shkunov, V.V. *see* Blashchuk, V.N. 1-6615, 1-24450
- Shkunov, V.V. *see* Gulamiryan, A.L. 1-41762
- Shkunov, V.V. *see* Zel'dovich, B.Ya. 1-29321, 1-29323
- Shkuratova, I.G., Kiosse, G.A., Malinovsky, T.I. Crystal structure of $NaNH_4(C_2H_4O)_4H_2O$ (ammonium Rochelle salt) at 300K 1-7153
- Shkuro, S.I. *see* Mosev, L.I. 1-23867
- Shlapak, V.A., Ignatov, A.V. Effect of IR light from the 3-3.75 μ region on the photoconductivity of CdS single crystals 1-30787
- Shlemenzon, K.M. *see* Nemirovskii, Yu.V. 1-15439
- Shlenkin, V.I. Phase relaxation of Tb^{3+} ions in $CaWO_4$ single crystals 1-3256
- Shlenkin, V.I. *see* Al'tshuler, S.A. 1-12426
- Shlenskii, O.F. *see* Akutin, M.S. 1-48612
- Shlepikova, E.I. Quantitative spectral analysis of steels and alloys with the Spektro styloscope 1-43723
- Shlepuetz, F.W. *see* Pruys, J.S. 1-50659
- Shlesberg, S.G. Spherical model of the convective instability of the Earth's mantle 1-22315
- Shliionskiy, A.G., Yashin, Yu.Ya. Possible mechanism explaining ionospheric echoes with a great delay 1-22601
- Shlishevskii, V.B. *see* Gal'tsev, A.P. 1-4672
- Shlomo, S. *see* Prakash, M. 1-36959
- Shlotgauer, V.A. *see* Leshchenko, A.I. 1-35487
- Shlyagin, M.G. *see* Petrov, M.P. 1-33797
- Shlyakhter, A.I. *see* Petrov, Yu.V. 1-45502
- Shlyakhtich, A.P. *see* Ochuk, A.P. 1-27276
- Shlyapnikov, G.V., Shmatov, I.P. Translational radiative transitions in collisions between atoms 1-33545
- Shlyapnikov, G.V. *see* Smirnov, B.M. 1-24917
- Shlyaptsev, V.N. *see* Vinogradov, A.V. 1-34053
- Shlygin, V.A. *see* Ivanov, A.G. 1-31976
- Shlyukov, A.I. *see* Ignatov, Ye.I. 1-54075
- Shmaenok, L.A. *see* Bobashev, S.V. 1-50207
- Shmakov, V.A. *see* Kudinov, G.M. 1-7390
- Shmakova, E.S., Lebedev, Yu.N., Nagornyi, V.G. Temperature stability of the rhombohedral phase of graphite 1-34469
- Shmakova, T.B. *see* Voskanyan, A.A. 1-7648
- Shmaleniyuk, R.P. *see* Vainshtein, A.A. 1-26545
- Shmandii, V.M., Miloslavskii, V.K. Exciton-phonon interaction in layer BiI_3 semiconductor 1-42700
- Shmandii, V.M. *see* Miloslavskii, V.K. 1-8148
- Shmanenkov, V.N. *see* Pokrovskii, A.N. 1-1910
- Shmartsev, Yu.V. *see* Biryulin, Yu.F. 1-26370
- Shmartsev, Yu.V. *see* Kadyrov, M.A. 1-42854
- Shmartsev, Yu.V. *see* Kechiyants, A.M. 1-20813
- Shmatin, S.G. *see* Kalashnikov, S.P. 1-51422
- Shmatko, A.A. *see* Itkin, M.V. 1-16779
- Shmatko, B.A. *see* Aleksandrov, V.I. 1-7604
- Shmatok, L.K. *see* Davydenco, L.S. 1-42322
- Shmatov, I.P. *see* Shlyapnikov, G.V. 1-33545
- Shmatov, V.T. *see* Borisov, A.B. 1-42382
- Shmatov, V.T. *see* Kiselev, V.V. 1-11770
- Shmelev, A.G. *see* Zubarev, P.V. 1-16835, 1-31557, 1-39386
- Shmelev, G.M. Mobility of carriers in polar crystals 1-38792
- Shmelev, L.S. *see* Sorokin, V.K. 1-21392
- Shmelev, V.M., Margolin, A.D. Theory of a vortex glow discharge 1-42244
- Shmelev, Yu.S. *see* Malinockha, Ya.N. 1-3746
- Shmidt, A.B. *see* Martynov, G.A. 1-14077
- Shmidt, G. *see* Kessenikh, G.G. 1-7263
- Shmidt, N.M. *see* Andrianov, A.V. 1-20805
- Shmidt, V.S. *see* Egorov, G.F. 1-10453
- Shmidt, V.V. Thermoelectric effects in distributed Josephson S-N-S junctions 1-52701
- Shmidt, V.V. *see* Dukhovnii, I.S. 1-25847
- Shmilevich, A.M. *see* Chemesyuk, G.G. 1-3023
- Shmits, Ya.R. *see* Broka, M.E. 1-48340
- Shmitt-Fogeleich, S.P. *see* Fisher, O.N. 1-25217
- Shmitt-Fogeleich, S.P. *see* Sokolov, A.N. 1-12727
- Shmonin, V.L. *see* Kalinkin, B.N. 1-5602
- Shmueli, U. On the statistics of atomic deviations from the 'best' molecular plane 1-47021
- Shmueli, U., Kaidor, U. Calculation of even moments of the trigonometric structure factor. Methods and results 1-34183
- Shmueli, U., Steinberg, V., Sverbilova, T., Voronel, A. New crystalline phases of an equiatomic K-Cs alloy at low temperature 1-38331
- Shmuely, M. *see* Perl, M. 1-46702
- Shmuilovich, A.R. *see* Ezhov, A.A. 1-8395
- Shmulovich, J., Yatsiv, S. Excitation kinetics of ArH^+ luminescence in X-ray irradiated argon-hydrogen mixtures 1-6922
- Shmulovich, J., Yatsiv, S. Determination of the excitation kinetics of ArH^+ 1-41396
- Shmurak, S.Z. *see* Poletaev, A.V. 1-26233
- Shmuratov, E.A. *see* Boikov, Yu.A. 1-20888
- Shmy'tko, I.M., Kucherenko, I.V., Shotov, A.P., Ivanov, V.I., Shekhtman, V.Sh. Structural transitions in a $Pb_{1-x}Sn_x$ system at 4.2-300K 1-20382
- Shmy'tko, I.M. *see* Afonikova, N.S. 1-7240
- Shneider, M.B. *see* Voloshevich, P.Yu. 1-21521
- Shneiderman, L.I., Skorokhod, V.V. Effect of palladium on the process of diffusional alloy formation and microstructure during the sintering of tungsten-rhenium powders with well-developed surfaces 1-35217
- Shneiderman, V.A. *see* Byzova, N.L. 1-22469
- Shneerson, G.A. *see* Botcharov, U.N. 1-33021
- Shneerson, L.M. Certain features of the fatigue fracture of parts 1-39447
- Shneiderman, A.Sh. Estimation of the role of residual austenite during the $\alpha \rightarrow \gamma$ transformation in steels 1-12734
- Shneiderov, G.R. *see* Bogdanov, V.I. 1-3906
- Shneour, E.A. X-rays: inconsistent standards, poorly trained operators cause film damage [by airport security installations] 1-28082
- Shnerenko, K.I. Statics problems of anisotropic variable-thickness shells weakened by holes 1-24686
- Shnerenko, K.I. *see* Guz', A.N. 1-11314, 1-19561
- Shneyer, V.S. *see* Abramova, L.M. 1-22199
- Shnider, S. *see* Harnad, J. 1-5460, 1-28166, 1-33119
- Shnidman, Y., Mukamel, D. Renormalisation-group approach to the magnetic phase transition in solid 4He 1-2764
- Shnitser, P.I. Analysis of oscillations in an open acoustic resonator with reflective piezoelectric transducers 1-19538
- Shnol', S.E. *see* Kolombet, V.A. 1-39871
- Shnyrev, A.D. *see* Minkovich, E.N. 1-17047
- Shnyrev, G.D. *see* Mel'balikhanov, B.F. 1-54275
- Shob, M. *see* Chizhek, A. 1-48427
- Shock, R.A.W. Helium cooling circuits for a fusion reactor 1-18883
- Shoda, K., Ohashi, H., Nakahara, K. Electroproduction of π^+ from ^{12}C leading to low-lying residual states in ^{12}B 1-23563
- Shoda, K. *see* Taneichi, H. 1-18618
- Shoemaker, A.K. Relationships between mechanical properties and the extension and arrest of unstable cracks in line pipe steels 1-31637
- Shoemaker, C.B., Shoemaker, D.P. The structure of the I phase, $V_4Ni_3Si_2$, a pseudo superstructure 1-34292
- Shoemaker, C.B. *see* Commandre, M. 1-20120
- Shoemaker, C.B. *see* Fruchart, D. 1-7136
- Shoemaker, D. *see* Van Puybroeck, W. 1-47946
- Shoemaker, D.P. *see* Commandre, M. 1-20120
- Shoemaker, D.P. *see* Fruchart, D. 1-7136
- Shoemaker, D.P. *see* Shoemaker, C.B. 1-34292
- Shoemaker, F.C. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Shoemaker, R.L. *see* Cosmaskey, B. 1-41789
- Shoemaker, R.L. *see* Gibbs, H.M. 1-41769
- Shoemaker, R.L. *see* Paredes, C.H. 1-6111
- Shogenji, K., Okazaki, T. Galvanomagnetic effects and scattering mechanism in crystals with non-parabolic bands 1-7573
- Shoham, Y. *see* Ben-Avraham, Z. 1-32478
- Shohet, J.L. *see* Casper, T.A. 1-29889
- Shohet, J.L. *see* Kruckewitt, T.W. 1-29930
- Shohn, K. *see* Nonaka, K. 1-3630
- Shoja-Taheri, J. Parkfield, California, earthquake of June 1966: interpretation of the strong motion records 1-54005
- Shoji, F., Hanawa, T. A simple low-energy-spread ion gun utilizing B-A gauge 1-28113
- Shoji, T. *see* Shimada, M. 1-11539
- Shoji, T. *see* Suzuki, N. 1-25039
- Shoji, T. *see* Yamauchi, T. 1-29848
- Shoji, Y., Uchida, S., Ariga, T. Dissolution of solid copper into molten tin under static conditions 1-16078
- Shoji, Y., Uchida, S., Ariga, T. Dissolution of solid copper into molten tin-lead alloys under static conditions 1-34481
- Shokes, R.F. *see* Presley, B.J. 1-53719
- Shokin, A.N. *see* Emel'yanov, Y.A. 1-51644
- Shokri, D. *see* Lynch, D.C. 1-11488
- Shokurov, V.S., Kornienko, L.A., Nikolaenko, A.A., Papirov, I.I. Influence of deformation conditions on the formation of imbedded zones 1-43422
- Shokurov, V.S., Papirov, I.I., Kornienko, L.A., Nikolaenko, A.A. Investigation of a new variety of plastic flow—formation of imbedded zones 1-3826
- Shokurov, V.S. *see* Kornienko, L.A. 1-16839
- Sholeen, C. *see* Fluedy, M.A.D. 1-41471
- Sholeen, C.M., Brandenburg, R.W., Roche, C.T., Perry, R.B. A gamma spectrometric technique for analysis of ^{235}U and total U content of gaseous diffusion process absorbers 1-14600
- Sholeen, C.M. *see* Young, C.E. 1-46089
- Sholin, G.V., Nikerov, V.A., Rusanov, V.D. The role of the translational nonequilibrium of reacting particles in the HF-laser kinetics 1-41681
- Sholin, G.V. *see* Baryshnikov, F.F. 1-41345
- Sholin, G.V. *see* Legasov, V.A. 1-29931
- Sholin, G.V. *see* Macheret, S.O. 1-42132
- Sholl, C.A. Nuclear spin relaxation by translational diffusion in liquids and solids: high- and low-frequency limits 1-43028
- Sholl, C.A. *see* Johnston, N.A. 1-7163
- Sholokhova, N.I. Use of data on atmospheric moisture content for forecasting the height of the base of frontal clouds 1-22470
- Sholom, V.K. *see* Galiev, Sh.U. 1-11326
- Sholomovich, G.I. *see* Karlikov, V.P. 1-29740
- Sholtis, J.A. *see* Williams, D.C. 1-45698
- Sholtis, J.A., Jr. *see* Schizian, F.W. 1-45699
- Shomina, E.V. *see* Zichin, G.N. 1-26155
- Shomova, N.A. *see* Savitskii, E.M. 1-47777
- Shone, K., Browning, K., Hughes, G., Clement, H. The widespread, severe thunderstorms of 5 June 1980 1-27245
- Shone, M. *see* Banks, E. 1-26253
- Shonia, G.K. *see* Gamtselidze, G.A. 1-34532
- Shono, K. *see* Okutani, T. 1-28117
- Shono, Y. A microscopic description of nuclear rotational motion. II. Rotation and HF approximation 1-621
- Shono, Y. A microscopic description of nuclear rotational motion. III. Equation of motion in the intrinsic space 1-622
- Shor, A., Hollister, C.D., Spencer, D., Lonsdale, P. Charlie-Gibbs fracture zone: bottom-water transport and its geological effects 1-4502
- Shore, B.W. *see* Bernhardt, A.F. 1-51169
- Shore, B.W. *see* Eberly, J.H. 1-19140
- Shore, F. *see* Abiokh, H. 1-39719
- Shore, G.M. Radiatively induced spontaneous symmetry breaking and phase transitions in curved spacetime 1-23450
- Shore, H.B., Pfeiffer, R.S. Theory of bound multi-exciton complexes in phosphorus doped silicon 1-47486

- Shore, H.B. *see* Butler, W.F. 1-26877
- Shore, K.A. Above-threshold analysis of channelled-substrate-planar (CSP) laser 1-41700
- Shore, K.A., Rozzi, T.E., in't Veld, G.H. Semiconductor laser analysis: general method for characterising devices of various cross-sectional geometries 1-1567
- Shores, D.A. *see* Luthra, K.L. 1-21632
- Shorin, K.N. *see* Artem'eva, Z.L. 1-46204, 1-51357
- Shorrocks, L.D. *see* Jacoby, D. 1-21605
- Shorrocks, L.D. *see* Talents, G.J. 1-28084
- Shorrocks, N.M. *see* Whatmore, R.W. 1-34988
- Shorshorov, M.Kh., Tsirlin, A.M., Ustinov, L.M., Verkhovski, L.A., Kudinov, V.V., Galkin, Yu.A., Shchitlina, E.A. Influence of the strength of B fibres on some mechanical characteristics of boron-aluminium 1-3887
- Shorshorov, M.Kh., Vinogradov, L.V., Ustinov, L.M. Computing stress-intensity factors for cracks located at the interface between different media by the method of sections 1-29624
- Shorshorov, M.Kh. *see* Fedorov, V.B. 1-17113
- Shorshorov, M.Kh. *see* Kalashnikov, E.G. 1-48713
- Shorshorov, M.Kh. *see* Smyslov, V.I. 1-48436
- Short, D.A. *see* Hartmann, D.L. 1-22485
- Short, R., Roy, R., Mandel, L. Effect of flow velocity on the photon statistics of a CW dye laser 1-41683
- Short, R. *see* Roy, R. 1-6537
- Short, S.K. *see* Andrews, J.T. 1-36052
- Shorter, R.S., Dobson, P.J. A comment on the width of high angle Kikuchi bands 1-30006
- Shorthill, R.W. *see* Hutton, R.E. 1-49555
- Shorthill, R.W. *see* Johnson, P.E. 1-36224
- Shossa, D., Kaufman, L. Methods for evaluation of diagnostic imaging instrumentation 1-43923
- Shossa, D., Kaufman, L., Hattner, R., O'Connell, W. Measurement of the texture contribution to image noise in scintigrams 1-43976
- Shossa, D. *see* Kaufman, L. 1-17495
- Shostak, G.S. *see* Peterson, S.D. 1-22906
- Shostakovskii, M.F., Fedoseevskii, V.V., Antipin, L.M., Skokhodov, I.I., Moiseev, I.I. Synthesis of aluminotitanoxane and aluminosiloxane oligomers 1-21726
- Shotov, A.P., Davarashvili, O.I., Babushkin, A.V. Laser heterostructures using $Pb_{1-x}Sn_xSe_{1-y}Te_y$ solid solutions 1-33689
- Shotov, A.P. *see* Alimpiev, S.V. 1-46310
- Shotov, A.P. *see* Glushkov, M.S. 1-1239
- Shotov, A.P. *see* Koloshnikov, V.G. 1-14957
- Shotov, A.P. *see* Shmyt'ko, I.M. 1-20382
- Shotov, A.P. *see* Vyatkin, K.V. 1-31214
- Shott, P.N., Field, B.O. An appraisal of the present position and future potential of inelastic electron tunnelling spectroscopy (IETS) 1-5444
- Shotton, A.C., Bice, A.N., Cerny, J. An analytical expression for the effective solid angle of a rectangular collimator for the passage of fragments from breakup projectiles 1-51068
- Shotton, A.C., Bice, A.N., Wouters, J.M., Rae, W.D., Cerny, J. Observation of the direct and sequential breakup of ^{11}Li from ^{12}C and ^{208}Pb targets at 70 MeV 1-33251
- Shotton, A.C. *see* Back, B.B. 1-45552
- Shotton, K.C. *see* Rowley, W.R.C. 1-5289
- Shou-Hong Le *see* Le Shou-Hong
- Shou-Li Peng *see* Peng Shou-Li
- Shou-Mian Yu *see* Yu Shou-Mian
- Shou-Qing Zhang *see* Zhang Shou-Qing
- Shou-Qian Ding *see* Ding Shou-Qian
- Shou-Quan Jia *see* Jia Shou-Quan
- Shou-Yih Wang, Dah-Min Hwang, Chen, T.T., Lai, C.S., Yeon-Fuh Jiang, Liang, N.T. A surface-acoustical-wave bandpass filter and its optical probing 1-6703
- Shoucri, M. The simulation of a plasma confined in an electrostatically plugged spindle cusp 1-2216
- Shoucri, M. Destruction of trapping oscillations by sideband instability 1-11553
- Shoucri, M., Kuehl, H.H. Nonlinear effects on the mode conversion of upper-hybrid waves 1-29869
- Shouman, S.M. *see* Ozisik, M.N. 1-15370
- Shousha, A.H.M. On the charge profiles in thin dielectric films 1-34805
- Shoutenten, M.L. *see* Amoureux, J.P. 1-43023
- Shovgenyuk, M.V. *see* Selivanov, Yu.P. 1-15092
- Showalter, C.K. *see* Shuping, R.E. 1-44024
- Showalter, K. Pattern formation in a ferroin-bromate system 1-12983
- Shpady, A., Bely, M. The use of electric polarization phenomenon of magnetic films in microelectronic measuring converters 1-27958
- Shpagin, A.P. Calculating the angular distribution of the light radiation from a single-crystal screen together with its luminosity 1-35093
- Shpagin, Yu.V. *see* Myl'nikov, A.V. 1-23260
- Shpak, E.V. *see* Fishkova, T.Ya. 1-23364
- Shpak, G.F. Propagation of isotactic waves in a transversally isotropic medium with a cylindrical cavity 1-22256
- Shpak, I.V., Privalov, V.E., Solomin, A.V., Mironov, A.V. Propagation of an electromagnetic field in noninertially moving optically active media 1-32846
- Shpak, M.T. *see* Bezrodnyi, V.I. 1-51573
- Shpak, M.T. *see* Danileiko, M.V. 1-46399
- Shpak, M.T. *see* Gandelman, I.L. 1-1564, 1-41689
- Shpak, M.T. *see* Kondratyev, P.A. 1-20207, 1-31196, 1-35096
- Shpakov, V.I. *see* Alkhazov, I.D. 1-28507
- Shpakovskiy, V.A. *see* Chernobay, V.A. 1-29677
- Shpalek, A. *see* Adam, I. 1-636
- Shpeizman, V.V. *see* Stepanov, V.A. 1-3925
- Shpenik, O.B., Shkoba, B.V., Zavi'opulo, A.N., Zapesochnyi, I.P. New data on the interference of quasimolecule states in the Na^1-Ne system 1-41485
- Shpenik, O.B. *see* Kazakov, S.M. 1-33563
- Shpenik, O.B. *see* Romanyuk, N.I. 1-19185
- Shperun, V.M. *see* Freik, D.M. 1-43265
- Shpil'ra, V.N. *see* Matsas, E.P. 1-21779
- Shpil'rain, E.E., Kagan, D.N., Barkhatov, L.S., Zhmakin, L.I., Koroleva, V.V., Coutures, J.P. Thermophysical properties of gadolinium oxide in solid phase 1-42551
- Shpil'rain, E.E., Kagan, D.N., Barkhatov, L.S., Zhmakin, L.I., Koroleva, V.V. Complex investigation of the thermal and electrophysical properties of refractory oxides in the liquid and solid phases 1-52315
- Shpil'rain, E.E., Malyschenko, S.P. Some aspects of development of hydrogen power engineering and technology 1-35716
- Shpil'rain, E.E., Yakimovich, K.A., Tsirlina, E.A. Calculation of the thermodynamic characteristics of the systems $Li-LiH$, $Li-LiD$, and $Li-LiT$ 1-47254
- Shpil'rain, E.E. *see* Beloglazov, A.A. 1-19984
- Shpil'rain, E.E. *see* Polishchuk, A.Ya. 1-14973, 1-46843
- Shpinel, V.S. *see* Erzykin, A.L. 1-23560
- Shpinskiikh, Yu.M. *see* Mital'man, M.G. 1-23804
- Shpon, V.D. *see* Volobuev, V.S. 1-5305
- Shpotin, I.S. *see* Katsnelson, A.A. 1-47631
- Shpunt, V.Kh. *see* Kolomiets, B.T. 1-20832
- Shpyakin, M.G. Assessment of the image plane displacement in pancreatic objective lenses 1-29371
- Shpyakin, M.G. *see* Stefanskii, M.S. 1-24472
- Shraiber, D.S. Compensating noise suppressor for an ultrasonic echo flaw detector 1-4036
- Shraiber, V.M. *see* Denisov, G.S. 1-1232
- Shraiber, V. *see* Aksenov, V.I. 1-7288
- Shraibman, V.I., Zhdanov, M.S., Vitvitsky, O.V. Correlation methods of transformation and interpretation of geophysical anomalies 1-54265
- Shramenko, B.I. *see* Vit'ko, V.I. 1-2546
- Shreiber, I.R. *see* Gasenko, V.G. 1-46614
- Shreiber, S.V. *see* Babkina, T.V. 1-6671
- Shreter, Yu.G. *see* Bragina, T.M. 1-30648
- Shrimpton, G. *see* Wall, B.F., Fisher, E.S. The tissue-equivalence of the Alderson Rando anthropomorphic phantom for X-rays of diagnostic qualities 1-44015
- Shripathi, T., Bhat, H.L., Narayanan, P.S. Gel growth and dielectric studies of K, Rb and Cs perchlorates 1-35161
- Shrivastava, A. *see* Kaulgud, M.V. 1-20294
- Shrivastava, B.D., Landge, P.R. On the origin of low frequency L-emission satellites in the heavy rare earths 1-14842
- Shrivastava, B.D., Landge, P.R. Quasi stationary states and the L_{α} and L_{β} satellites of the heavy rare earths 1-24074
- Shrivastava, K.K. *see* Chandra, B.P. 1-43196
- Shrivastava, K.N. *see* Singh, A. 1-3247
- Shrivastava, K.N. *see* Suguna, A. 1-12124
- Shrivastava, R., Qureshi, M.S., Khare, M.L., Bhatnagar, C.S. Dielectric loss factor in magnetically polarized silicone rubber tubular dielectrics by TSDC 1-26116
- Shrivastava, R.K. *see* Yadav, B.R. 1-43068
- Shrivastava, S.N., Pandey, J.D. Excess intermolecular free length and molecular interaction for binary molten metal halide and cryogenic liquid mixtures 1-15783
- Shrivastava, V.K., Khare, M.L., Bhatnagar, C.S. After-effect of heat and magnetic field on the dielectric permittivity of sulphur 1-31081
- Shriver, D.F. *see* Wong, T. 1-2690
- Shrock, R.E. New tests for and bounds on neutrino masses and lepton mixing 1-14371
- Shron, R.Z., Krechet, L.E., Mints, I.I., Ignatov, V.A., Suslova, E.A. Dispersion hardening during the reheating of welded joints in 1Kh2M and 1Kh2MFB steels 1-26484
- Shron, R.Z. *see* Nakhalov, V.A. 1-8503
- Shropshire, J.A. *see* Bellows, R.J. 1-53593
- Shropshire, J.A. *see* Rao, B.M.L. 1-35643
- Shrout, T., Schulze, W.A., Biggers, J.V. Electro-mechanical behavior of antiferroelectric-ferroelectric multilayer PZT based composites 1-26128
- Shrout, T.R., Bowen, L.J., Schulze, W.A. Extruded PZT/polymer composites for electromechanical transducer applications 1-21408
- Shrout, T.R. *see* Schulze, W.A. 1-23202
- Shtachel, D. *see* Kaplan, E. 1-36476
- Shtaerman, A.Y. *see* Javrisvili, A.K. 1-23951
- Shtan'ko, A.E. *see* Vlasov, N.G. 1-36732
- Shtan'ko, V.I. *see* Zazubovich, S.G. 1-8101
- Shtarkov, L.N. *see* Aleksandrov, Yu.A. 1-5634
- Shteinberg, A.Yu. *see* Bartetski, A.M. 1-21197
- Shteinberg, M.M. *see* Mints, I.I. 1-26542
- Shteinbok, D.B. Study of the formation of the temperature field of the troposphere by the conjugate equation method 1-22468
- Shteingradt, D.M. Use of the transition-matrix element in the calculation of continual integrals 1-9946
- Shteinshraiber, V.Ya. *see* Gashimzade, F.M. 1-20740
- Shtelen', V.M. Group analysis of a system of nonlinear differential equations equivalent to the Schrödinger equation 1-49991
- Shtepa, Yu.D. *see* Andreev, V.A. 1-26016, 1-38981
- Shterenberg, B.Z. *see* Larin, M.F. 1-5349
- Shtern, M.B. *see* Martynova, I.F. 1-3655, 1-11325
- Shternberg, A.A. *see* Kuznetsov, V.A. 1-29383
- Shtessel', E.A. *see* Zakarin, O.A. 1-2101
- Shteynberg, V.V. *see* Malevskaya, O.Ya. 1-22249
- Shtiler, T. *see* Komarov, V.I. 1-36939
- Shtin, A.P., Dolinskii, A.N., Slepukhin, V.K. Glass formation and some properties of glasses in the $K_2O-Al_2O_3-P_2O_5-TiO_2$ system. [IR absorption] 1-52077
- Shtivel'man, K.Ya. *see* Lipnik, A.A. 1-42773
- Shtofich, S.V. *see* Emel'yanov, A.V. 1-51644
- Shtofich, S.V. *see* Maslobov, Yu.P. 1-51510
- Shtoitik, A.G. *see* Vlasov, S.M. 1-11369
- Shtotskii, Yu.V. *see* Belyaev, V.N. 1-51065
- Shttranikh, I.V. *see* Benetski, B.A. 1-688
- Shtrapenina, R.B. *see* Mazel', R.E. 1-35369
- Shtraus, I.D., Pustelnikov, O.S. Geochemistry of suspension and bottom sediments of the Baltic Sea basin. I. Distribution of Se, Hf, Th, La, Ce, Eu and Mn, Fe, Co in surface layer of bottom sediments and in suspension of the Riga Gulf according to data from studies in 1973 and 1975 1-13449
- Shtraus, V.D. Calculation of provisional heredity functions by means of an inverse Laplace transform 1-46682
- Shtraus, V.D., Slava, Kh.E. Time integral characteristics of the four-parameter description of relaxation processes 1-15424
- Shtremel', M.A., Lizunov, V.I., Shkatov, V.V. Changes in grain size during the $\alpha \rightarrow \gamma$ transformation in low-carbon steel 1-3712
- Shtremel', M.A., Nikulin, S.A., Kanev, V.P., Domogatskii, A.P. Formation and stability of 'secondary' austenite in manganese duplex steels 1-31497
- Shtremel', M.A., Zharikova, O.N., Karabasova, L.V., Shubert, Ya.V. Intergranular fracture due to irreversible temper embrittlement 1-3886
- Shtrikman, H. *see* Eger, D. 1-25309
- Shtrikman, S. *see* Halpern, V. 1-44924
- Shtrikov, B.L. *see* Nerubai, M.S. 1-48611
- Shturum, E.L., Pekar', G.S., Khondros, L.I., Sheinkman, M.K. Mobility of electrons in CdS single crystals at 300-1200K governed by formation of clusters and structural changes 1-34712
- Shturum, E.L. *see* Bratus', V.Ya. 1-34925
- Shtyfurko, A.I. *see* Mital'man, M.G. 1-23804
- Shtykov, N.M. *see* Barnik, M.I. 1-37602
- Shtytkov, E.I. *see* Khaibullin, I.B. 1-2485, 1-52157
- Shtytkov, O.V. Experimental profiles of turbidity coefficient in visual and UV spectral regions at altitudes above 30 km 1-13568
- Shu, B.C. *see* Li, C.C. 1-9017
- Shu, F.H., Lubow, S.H., Anderson, L. On various criticisms of the contact discontinuity model 1-9565
- Shu, F.H. *see* Sparke, L.S. 1-22894
- Shu, F.H. *see* Stahler, S.W. 1-22773, 1-44554
- Shu, N.K.B. *see* Kalish, R. 1-16267
- Shu, P.H.C., Burchell, D.J., Hsu, S.L. Structure of polyethylene solid solutions from vibrational spectroscopy and thermal analysis 1-15816
- Shu, P.H.C. *see* Wang, Y.K. 1-52250
- Shu, Y. *see* Sun, M. 1-8257
- Shu Chien *see* Chen, R.Y.Z. 1-27048
- Shu Pei-yi *see* Zhang Li-min 1-22313
- Shu Yu-mao *see* Chuang Yin-mo 1-22477
- Shu-Cheng Yu, Smith, D.K., Austerman, S.B. The crystal structures and the phase transformation of Zn-Li silicates: reply 1-38337
- Shu-fan Cui *see* Cui Shu-fan
- Shu-fen Fu *see* Fu Shu-fen
- Shu-lin Wen *see* Wen Shu-lin
- Shu-ping Zhao *see* Zhao Shu-ping
- Shu-qin Yan *see* Yan Shu-qin
- Shu-qin Zhou *see* Zhou Shu-qin
- Shu-shan Li *see* Li Shu-shan
- Shu-Song Zhao *see* Zhao Shu-Song
- Shu-tao Zhao *see* Zhao Shu-tao

- Shu-Tso Lee, Moore, C.D. Fiber-optic high voltage isolation of CAMAC highway 1-11123
- Shu-Wei Zu see Zu Shu-Wei
- Shu-Xing Chen see Chen Shu-Xing
- Shu-Yuan Chu see Beavis, D. 1-36786
- Shu-Zhen Li see Li Shu-Zhen
- Shu-zheng Cai see Cai Shu-zheng
- Shuaibov, A.K., Shevera, V.S. Investigation of the quenching of inert-gas halides by nonaggressive halogen carriers 1-6541
- Shuaibov, A.K. see Shevera, V.S. 1-42242
- Shuang-Ping Wang see Wang Shuang-Ping
- Shubakov, V.S. see Vlasova, L.V. 1-42983
- Shubert, D. see Rubinov, A.N. 1-3464
- Shubert, G., Straus, J.M., Grant, M.A. A problem posed by vapour-dominated geothermal systems 1-9189
- Shubert, M. see Bagaeva, G.G. 1-18316
- Shubert, Ya.V. see Shtremel', M.A. 1-3886
- Shubha, V., Ramesh, T.G. Pressure enhancement of the Kondo-like anomaly in γ -Ce 1-30726
- Shubin, A.P. Dynamics of impurities in a high-current quasi-stationary coaxial plasma accelerator 1-25018
- Shubin, S.F. see Samokhvalov, I.V. 1-53740
- Shubin, V.L. see Kolchin, A.A. 1-22653, 1-36130
- Shubitidze, N.I. see Dzhibuti, R.I. 1-5717
- Shubko, V.M. see Gokhberg, B.M. 1-45556
- Shubko, V.M. see Zelenkov, A.I. 1-28418
- Shubnikov, M.L., Averkin, A.A. Pressurizer for automatic high-pressure valve chests 1-44946
- Shubnikov, M.L. see Solobub, V.V. 1-34625
- Shuchman, A. see McLeish, W. 1-13601
- Shuchman, R.A. Airborne synthetic aperture radar observation off surf zone conditions 1-35989
- Shudegov, V.E. see Likhachev, V.A. 1-20187
- Shuder, J.M. The optical spectra of narrow-line X-ray galaxies 1-9648
- Shuding Jiang see Jiang Shuding
- Shue Feng Fang see Servis, K.L. 1-24168
- Shuen-Wei Tu see Ramaprian, B.R. 1-11459
- Shufen Fu see Fu Shufen
- Shugaev, F.V. see Nosenko, N.I. 1-51810
- Shugaev, F.V. see Piskareva, M.V. 1-19750
- Shugaev, F.V. see Sysoev, N.N. 1-29723
- Shugard, W.J., Weeks, J.D. Renormalized finite-cluster method for lattice models. I. Site renormalization and star cluster expansions 1-23123
- Shugart, H.H., Jr. see Emanuel, W.R. 1-9238
- Shuguang Chen see Chen Shuguang
- Shugurov, V.K. see Knishevskaya, L.V. 1-20792
- Shui, T.T. see Barber, D. 1-14407
- Shui Tien Lin see Liang-Shiun Chou 1-31079
- Shui Tien Lin see Yeong Der Yao 1-7576
- Shuiskaya, K.F. see Lel'chuk, V.L. 1-33291
- Shujian Chen see Chen Shujian
- Shukalov, I.B. see Demidov, A.M. 1-45447
- Shukene, V.L. see Efimov, E.A. 1-38687
- Shuker, R., Ben-Amar, A., Erez, G., Miron, E. Penning ionization of Sr in optogalvanic effect 1-38155
- Shukhman, I.G. see Polyachenko, V.L. 1-13819, 1-44430
- Shukhman, V.A. see Matyushkina, L.V. 1-20930
- Shukla, A. see Dally, J.W. 1-38440
- Shukla, A.K. see Stace, A.J. 1-1426, 1-29086
- Shukla, G.C., Issa, M.R., Narayan, M.S. Multipole polarizabilities and shielding factors of the hydrogen atom from the hydrodynamic analogy to quantum mechanics. III 1-10635
- Shukla, J.B., Parihar, R.S., Gupta, S.P. Effects of peripheral layer viscosity on blood flow through the artery with mild stenosis 1-32157
- Shukla, K.N. Diffusion and evaporation of a liquid droplet 1-1805
- Shukla, P., Singh, S. Spin glass dynamics in the spherical model 1-42963
- Shukla, P., Singh, S. A quantum spherical model of spin glass 1-47897
- Shukla, P.K. Filamentation instability of helicons 1-2169
- Shukla, P.K., Yu, M.Y. Parametric instabilities of Langmuir waves in a non-uniform magnetoplasma 1-46878
- Shukla, P.K., Yu, M.Y., Rahman, H.U., Spatschek, K.H. Excitation of convective cells by drift waves 1-24972
- Shukla, P.K. see Bujarbarua, S. 1-27340
- Shukla, P.K. see Yu, M.Y. 1-11558
- Shukla, P.N., Goel, P.S. Total nitrogen in iron meteorites 1-54429
- Shukla, R.C. On the anharmonic contribution to the specific heat of monoatomic face-centered cubic crystals 1-30412
- Shukla, R.C. Analysis of the Debye-Waller factor and multiphonon-series contributions to the phonon-limited resistivity of metals 1-34682
- Shukla, R.C. Convergence of the quartic anharmonic contribution to the Helmholtz free energy in metals 1-42500
- Shukla, R.C., VanderSchans, M. Debye-Waller factor and multiphonon contributions to the phonon-limited resistivity 1-34683
- Shukla, R.C. see Taylor, R. 1-42548
- Shukla, R.P. see Murty, M.V.R.K. 1-1676, 1-37580
- Shuklin, A.P. see Erokhin, N.S. 1-34086
- Shukmaister, V.L., Kotik, V.T. The cutting accuracy in mechanised plasma cutting 1-42218
- Shukolyukov, Yu.A., Kapusta, Ya.S., Verkhovskii, A.B. Mass spectrometric method of isotopic analysis of xenon formed in nuclear fission 1-31943
- Shukurov, A.M. see Ruzmaikin, A.A. 1-19983
- Shulakova, M.S. see Bogomolov, E.A. 1-36151
- Shulepov, V.I. see Ivanov, V.K. 1-16719
- Shulepov, V.I. see Konoplev, V.P. 1-35334
- Shulepov, V.I. see Kut'nikov, V.A. 1-3793
- Shulepov, V.I. see Zaitsev, B.G. 1-8318
- Shuler, K.E. see Lindenberg, K. 1-9929, 1-44764
- Shul'ga, S.Z., Dem'yanchuk, A.P. Formation and stabilization of paramagnetic radiation defects in gamma-irradiated triglycine sulfate crystals 1-47945
- Shulga, V.I. Ejection of fast recoils under ion bombardment of crystals 1-53031
- Shul'ga, Yu.M., Loryan, V.E., Yatsimirskii, V.K., Borovinskaya, I.P., Borod'ko, Yu.G. Surface of particles of TiN₂-base powders produced by self-propagating high-temperature synthesis 1-16722
- Shul'ga, Yu.M., Troitskii, V.N. Study of the surface of finely divided titanium nitride by X-ray photoelectron spectroscopy 1-12771
- Shul'gin, B.V. see Zhuravlev, V.D. 1-35083
- Shul'gin, V.A., Kuleev, V.G. Effect of the coupling of electromagnetic and elastic waves in electromagnetic-acoustic excitation of radial vibrations in metal rods 1-39574
- Shulgina, E.V. see Vesna, V.A. 1-41094
- Shul'gina, N.G. see Mints, I.I. 1-26542
- Shulichenko, B.V. see Zavi, G.S. 1-2903
- Shulika, V.V. see Startseva, I.E. 1-3170
- Shull, J.M. Ultraviolet spectroscopy of interstellar and intergalactic matter 1-32736
- Shul'man, A.K. see Sukhotin, A.M. 1-35378
- Shul'man, G.A. see Ivanov, M.A. 1-44431
- Shul'man, G.A. see Sekerzhitskii, V.S. 1-45563
- Shul'man, L.M. On impossibility of the comets formation according to the Lyttleton scheme 1-4823
- Shulman, S. see Skinner, G.K. 1-17906
- Shul'man, Z.P. Heat transfer to non-Newtonian boundary layers 1-29671
- Shulman, Z.P., Gorodkin, R.G., Korobko, E.V., Gleb, V.K. The electro-rheological effect and its possible uses 1-38018
- Shul'man, Z.P., Khudis, B.M. Conjugate formulations for heat transfer in channel flows of non-Newtonian liquids 1-29672
- Shul'man, Z.P., Khudis, B.M., Benderskaya, S.L. Heat exchange in the flow of rheologically complex media in a plane-parallel channel 1-11428
- Shul'man, Z.P., Volchenok, V.F., Galkin, I.M. Heat transfer in the thermal inlet zone in generalized Couette flow of non-Newtonian fluids 1-29673
- Shulman, Z.P. see Bukhman, Yu.A. 1-19759, 1-51874
- Shul'man, Z.P. see Pokryvailo, N.A. 1-15516
- Shulov, V.A. see Evstyukhin, A.I. 1-16699
- Shultis, J.K. see Ryman, J.C. 1-18916
- Shul'ts, I.A. see Lagzdons, Yu.L. 1-47654
- Shul'ts, M.M., Stolyarova, V.L., Semenov, G.A., Shakhmatkin, B.A. Thermodynamic functions in the system Na₂O-GeO₂ at temperatures of 1330-1540K 1-42552
- Shul'ts, M.M. see Kiprianov, A.A. 1-17072
- Shultz, K.R. see Cheng, E.T. 1-50945
- Shul'tzikova, L.G. see Vasil'ev, V.G. 1-43301
- Shulyachenko, V.N. see Beketov, G.V. 1-23513
- Shulyachenko, V.N. see Blinov, A.V. 1-23665
- Shulyakov, Yu.M., Trukhan, Yu.V. Rheological coefficients of densification of powder materials 1-12683
- Shulze, J. see Busse, W. 1-47033
- Shumacher, R., Gegner, E., Schmidt, A., Mathieu, H.J., Landolt, D. Auger electron spectroscopy study on reaction layers formed under Reichert wear test conditions in the presence of extreme pressure additives 1-53303
- Shuman, V.B. see Kuz'min, V.A. 1-52650
- Shuman, V.N. see Rokitskii, I.I. 1-27061
- Shumate, M.S., Menzies, R.T., Grant, W.B. Laser absorption spectrometer: remote measurement of tropospheric ozone 1-49404
- Shumate, M.S. see Argoud, M.J. 1-37579
- Shumate, M.S. see Margolis, J.S. 1-40224
- Shumeiko, A.P., Danyushin, V.I. Study of internal bremsstrahlung accompanying the beta decay of ³⁵S 1-32243
- Shumeiko, N.B. see Bardin, D.Yu. 1-5627
- Shumikin, A.M. see Popov, V.S. 1-31753
- Shumilo, B.I. see Patashinski, A.Z. 1-11839
- Shumilov, O.I. see Vashenyuk, E.V. 1-36103
- Shumilov, S.N., Klyucharev, A.P., Rutkevich, N.Ya. Mechanism of the reaction ¹⁴N + ¹⁰B → ¹²C + α 1-50611
- Shumjatsky, P.S. see Domin, Y.S. 1-36632
- Shumovskii, A.S., Yukalov, V.I. An exactly solvable model of a ferromagnet with paramagnetic nuclei 1-30902
- Shumovsky, A.S. see Akhmeteli, A.M. 1-34842
- Shumrikov, V.V. see Kaptschik, A.K. 1-8570
- Shumskii, V.V. see Dzenis, V.V. 1-13275
- Shumyatskaya, N.G. see Kurova, T.A. 1-25227
- Shun-ichi Ikawa see Motojima, T. 1-19094
- Shun-ichiro Karato, Toriumi, M., Fujii, T. Dynamic recrystallization of olivine single crystals during high-temperature creep 1-22329
- Shun-Jin Wang see Wang Shun-Jin
- Shung, K., Langreth, D.C. Comment on the form of the X-ray photoemission singularity away from threshold 1-43248
- Shung, K.K. see O'Brien, W.D., Jr. 1-49082
- Shunian Wu see Wu Shunian
- Shunin, G.E. see Miloshenko, V.E. 1-20929
- Shunk, E.R. see Pratt, J.C. 1-18762
- Shunxing Deng see Deng Shunxing
- Shupack, S.I. see Strong, J.D. 1-19101
- Shupaev, V.N. see Belyaeva, O.V. 1-52329
- Shupe, D.M. Fibre resonator gyroscope. Sensitivity and thermal nonreciprocity 1-41832
- Shupe, J.W., Weingart, J.M. Emerging energy technologies in an island environment: Hawaii 1-39707
- Shupe, M. see Collick, B. 1-45290
- Shuping, R.E., Feltwell, T.R., Phillips, R.A., Gross, R.R., Showalter, C.K. Dose reduction potential of carbon-fiber material in diagnostic radiology 1-44024
- Shuppe, G.N. see Moos, E.N. 1-31298
- Shur, D.M., Bishutin, G.A. Method of determining the critical opening of cracks in bending tests of specimens 1-21661
- Shur, D.M. see Popov, A.A. 1-26684
- Shur, M., Czubyat, Y., McGill, J., Yang, J., Madan, A. Experimental and theoretical studies of high efficiency a-Si:F:H MIS solar cells 1-43782
- Shure, K. Decay rate data from fission products 1-50965
- Shurin, A.K., Razumova, N.A. Quasiternary system Fe-TiC-TiB₂ 1-21434
- Shurin, V.N. see Andrizhievskii, A.A. 1-51697
- Shurukhin, Yu.V., Klyuev, N.A. Mass-spectrometric determination of the equilibrium constants of the isotopic exchange of several atoms of one element 1-37349
- Shurygin, V.M. Linear vortex theories of a profile and wing with air intake 1-19729
- Shurygina, I.V. see Sokolov, A.N. 1-12727
- Shushan, B., Boyd, R.K. Further experiments concerning an ambiguous assignment of a metastable peak to a sequential fragmentation process in 3-chlorophenol 1-51312
- Shushan, B. see Boyd, R.K. 1-50263
- Shushin, A.T. Expansion of semiclassical scattering matrix in the small Massey parameter 1-41473
- Shushkevich, S.S. see Katushonok, S.S. 1-18266
- Shustin, E.G. see Kiryukhin, S.V. 1-2235
- Shustina, O.A., Chernevich, T.G., Ivanov, S.A., Yakovlev, I.A. Optical examination of inhomogeneities of quartz crystals in the vicinity of the phase transition 1-48025
- Shustorovich, E., Dobosh, P.A. Perturbation theory and spin coupling constants in substituted compounds. II. Main group tetrahedral and planar trigonal fluorides 1-1145
- Shustorovich, E., Dobosh, P.A. Perturbation theory and spin coupling constants in substituted compounds. III. Octahedral fluorides 1-1146
- Shustov, A.P. see Asherova, R.M. 1-50552
- Shustov, M.A., Zhuravlev, V.K., Surovov, E.P., Kulagin, D.G., Zakharov, Yu.A. Photochemical decomposition of PbI₂ films 1-28097
- Shustrov, B.N. see Bakulina, I.N. 1-13844
- Shutang Cai see Cai Shutang
- Shuter, W.L.H. A simple model for the Galaxy 1-54626
- Shuto, Y. see Kimura, T. 1-41847
- Shutte, N.M. see Gringauz, K.I. 1-44372, 1-44373
- Shutte, N.M. see Gringauz, K.I. 1-44375
- Shutts, G.J. Angular momentum coordinates and their use in zonal, geostrophic motion on a hemisphere 1-17670
- Shutyaev, P.D. see Lavrentev, F.F. 1-16852
- Shuvaeva, E.T., Fesenko, E.G. Synthesis and X-ray investigation of Bi₂TaO₆ 1-3684
- Shuvaeva, E.T., Fesenko, E.G. Existence of complex oxides of bismuth with the anion-deficient pyrochlore structure 1-3685
- Shuvalov, A.N. see Zlochevskii, A.B. 1-35371
- Shuvalov, B.N. see Baru, S.E. 1-5451
- Shuvalov, L. see Sorge, G. 1-8014
- Shuvalov, L.A. Ferroelastics 1-7238
- Shuvalov, L.A., Balagurov, A.M., Savenko, B.N., Dutt, I.D. Neutron diffraction study of the domain structure rearrangement of KD₂PO₄ in the electric field 1-26147
- Shuvalov, L.A., Levitskii, Yu.I. Possible purely ferroelastic phase transitions between a rhombic paraphase and a monoclinic ferrophase and an analysis of their differences 1-7289
- Shuvalov, L.A. see Balagurov, A.H. 1-8021
- Shuvalov, L.A. see Dmitriev, V.P. 1-11737
- Shuvalov, L.A. see Gladkii, V.V. 1-43077
- Shuvalov, L.A. see Grinev, S.A. 1-7225, 1-7243
- Shuvalov, L.A. see Ivanov, N.R. 1-8006
- Shuvalov, L.A. see Jerzak, S. 1-38971
- Shuvalov, L.A. see Sorge, G. 1-26142

- Shuvalov, L.A. *see* Tikhomirova, N.A. 1-21150, 1-26146
- Shuvalov, L.A. *see* Volkov, A.A. 1-8166
- Shuvalov, L.A. *see* Yakushkin, E.D. 1-42474
- Shuvalov, S.I. *see* Ivanov, A.G. 1-31976
- Shuvalov, V.A., Klevanik, A.V., Sharkov, A.V., Kryukov, P.G. Picosecond spectroscopy of reaction centers of photosystem I of green plants 1-17359
- Shuvalov, V.A. *see* Gubin, V.V. 1-46768, 1-46864
- Shuvalov, V.A. *see* Klevanik, A.V. 1-17415
- Shuvalov, V.V. *see* Ivankhnik, V.V. 1-1648
- Shuvalov, V.V. *see* Markelova, L.P. 1-11563
- Shuvalov, V.V. *see* Voronin, E.S. 1-33632
- Shuvalova, M.E. *see* Korolev, V.V. 1-29928
- Shuykiy, Yu.D. Role of abrasion processes in supplying elastic material of the World Ocean 1-54074
- Shuyuan Lin *see* Lin Shuyuan
- Shvachko, V.I. *see* Pokhodnya, I.K. 1-40889
- Shvaiko, M.Yu. Slip concept and the smooth loading surfaces in the plasticity theory 1-37811
- Shvaiko-Shvaikovskii, V.E., Popov, V.P., Gordon, V.G. Influence of the synthesis conditions on the electrical properties of LaCrO_3 1-2955
- Shvaiko-Shvaikovskii, V.E. *see* Krasikov, L.A. 1-18235
- Shvangiradze, R.R. *see* Dzhamagidze, Sh.E. 1-35658
- Shvarts, Yu.M. *see* Ivastchenko, V.M. 1-52651
- Shvartsar, A.Ya. *see* Ponomarenko, V.P. 1-16898
- Shvartsman, L.A. *see* Emel'yanenko, L.P. 1-8310
- Shvartsman, Sh.M. *see* Gavrilov, S.P. 1-45170
- Shvartsman, V.F. *see* Bernstein, J.N. 1-27644
- Shvartsman, Yu.P. Correction of long-period components of static corrections in common-depth-point shooting 1-9113
- Shvartz, E. *see* Bhattacharya, A. 1-53806
- Shved, G.M. *see* Akmayev, R.A. 1-22563
- Shved, M.M., Bilyi, L.M. The influence of loading frequency and heat treatment on the rate of fatigue crack growth in 45 steel in impregnation with hydrogen 1-35377
- Shved, M.M. *see* Gnyp, I.P. 1-53289
- Shved, R. *see* Bartke, E. 1-5664
- Shvedchikov, A.V. *see* Efimov, V.A. 1-41007
- Shvedkov, Yu.A. *see* Smushkovich, V.L. 1-21669
- Shvedunov, V.I. *see* Ishkhanov, B.S. 1-696
- Shvedov, K.K. *see* Bogdanovskaya, E.I. 1-21679
- Shvedov, V.A. Extending the frequency range of ammeters with current transformers 1-23263
- Shvedova, L.K. *see* Borisova, A.L. 1-12774
- Shvedova, L.K. *see* Litvinenko, V.F. 1-30416
- Shvedova, T.L., Platova, S.N., Shikher, V.I., Bernstein, M.L., Ezhov, A.A., Yanovskii, K.A. Method of evaluating scanning images of fractures 1-48604
- Shveikin, G.P. *see* Borisov, S.V. 1-35347
- Shveikin, G.P. *see* Ivanovskii, A.L. 1-34619
- Shveikin, G.P. *see* Ivanovsky, A.L. 1-30628
- Shvets, A.I. *see* Koval', M.A. 1-19773, 1-33976
- Shvets, L.I. *see* Ovramenko, N.A. 1-35511
- Shvets, V.F. *see* Ivanov, M.F. 1-51979
- Shvets, V.T. Theory of electrical conductivity in disordered metallic systems 1-7581
- Shvets, V.T. Electrical conductivity of superionic conductors similar to $\alpha\text{-AgI}$ in the microwave frequency range 1-52345
- Shvets, Yu.I., Vishnevskii, V.K. Investigating influence of temperature dependence of rheological properties on coefficients of friction of nonisothermal surfaces 1-2039
- Shvetsov, G.A. *see* Demtshuk, A.F. 1-35533
- Shvetsova, S.I. *see* Yudkovskii, S.I. 1-43384
- Shvilkin, B.N. *see* Skovoroda, A.A. 1-11560
- Shvindlerman, L.S. *see* Aleshin, A.N. 1-16093
- Shvindlerman, L.S. *see* Aristov, V.Yu. 1-25317
- Shvitai, V.A. *see* Germel', V. 1-35208
- Shvom, E.M. *see* Gorodetskii, A.K. 1-32517
- Shvorneva, L.I. *see* Afanas'eva, V.A. 1-12711
- Shvydas, K.I. *see* Kondratene, O.P. 1-22366
- Shwartz, B.A. *see* Vasserman, I.B. 1-40991
- Shwartz, B.A. *see* Zholtentz, A.A. 1-14381
- Shwedky, E., Fleisher, S.M., Dunfield, V.A. Digital sequential EMG processor 1-35915
- Shwitters, R.F. *see* Abrams, G.S. 1-10208
- Shyam, R., Baur, G., Rosel, F., Trautmann, D. Elastic and inelastic breakup of the ^3He particle 1-5787
- Shyam, R. *see* Baur, G. 1-50652
- Shyam, R. *see* Mehra, R.M. 1-2969, 1-52585
- Shyam, R. *see* Sharma, V.D. 1-6872
- Shyamprasad, N.G., Champness, C.H., Shih, I. Thickness dependence of photoconductivity in tellurium 1-38808
- Shyarts, A.S. *see* Romanov, V.N. 1-10131
- Shyi-Long Lee *see* San-Yan Chu 1-1052
- Shyn, T.W. Angular distribution of electrons elastically scattered from gases: 2-400 eV on He. I 1-1372
- Shyn, T.W., Carignan, G.R. Angular distribution of electrons elastically scattered from gases: 1.5-400 eV on N_2 . II 1-1373
- Shyne, J.C. *see* Kino, G.S. 1-48594
- Si Dang Le *see* Le Si Dang
- Si Mao Nguyen *see* Nguyen Si Mao
- Si-Ding Zheng *see* Zeng-Qi Yu 1-29293
- Si-zhu Hu *see* Hu Si-zhu
- Si-Zong Ye *see* Ye Si-Zong
- Siafarikas, P.D. *see* Jannussis, A.D. 1-27808
- Siah, M.J. *see* Witte, P.J. 1-54647
- Siang Oei Yok *see* Yok Siang Oei
- Siao-ling Chao *see* Chao Siao-ling
- Siapaks, D.I. Soft mode in the disordered-incommensurate-commensurate phase transitions of thiourea 1-21139
- Siarkowski, M. Radio emission of the solar active regions in the centimetric wavelength range 1-49597
- Siazon, D.L., Jr. The Convention on the Physical Protection of Nuclear Material 1-768
- Sibbald, T.I.I. *see* Lewry, J.F. 1-22302
- Sibbett, W. *see* Adams, M.C. 1-19359, 1-29030
- Sibbett, W. *see* Bradley, D.J. 1-18307
- Sibbett, W. *see* Margulis, W. 1-15199
- Sibbett, W. *see* Welford, D. 1-15226
- Sibener, S.J. *see* Casavecchia, P. 1-35524
- Sibert, J. *see* Essen, H.-H. 1-41905
- Sibgatulin, E.S. *see* Teregulov, I.G. 1-24704
- Sibulede, F. *see* Tofighi, A. 1-7309
- Sibilev, A.I. *see* Bezrukov, S.M. 1-17354
- Sibileva, R.M. *see* Milenko, Yu.A. 1-52209
- Sibileva, R.M. *see* Milenko, Yu.A. 1-3318
- Sibilia, J. *see* Yue, H. 1-17052
- Sibille, F. *see* Bergeat, J. 1-44590, 1-54551
- Sibille, G. *see* Peugnet, C. 1-25588
- Sibley, W.A. *see* Martin, J.J. 1-16098
- Sibold, J.D. *see* Koepke, B.G. 1-17209
- Sibold, K. Renormalization of extended QED with spontaneously broken supersymmetry 1-10113
- Sibold, K. *see* Piguet, O. 1-10103
- Sibson, R.H. Power dissipation and stress levels on faults in the upper crust 1-27111
- Sibson, R.H. Controls on low-stress hydro-fracture dilatancy in thrust, wrench and normal fault terrains 1-49261
- Sibuya, E. *see* Kobayashi, H. 1-43493
- Sica, L. *see* Szu, H.H. 1-24360
- Sicardy, B. *see* Bratic, A. 1-44487
- Sich, I.I. *see* Larikov, L.N. 1-38913
- Sichak, W. Comment on 'Studies in electromagnetic fields and phase constants of a concentric line having a helical inner conductor' and 'An analysis of the wave impedance and the attenuation constants of a concentric line having a helical inner conductor' 1-6428
- Siche, D., Ermisch, W. Investigations for Sn diffusion in $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ and PbTe 1-42585
- Sicilian, M. *see* Mandell, D.A. 1-28548
- Siciliano, E.R. *see* Petrovich, F. 1-5729
- Sick, I. *see* Bernheim, M. 1-45495
- Sick, I. *see* Goutte, D. 1-14443
- Sick, I. *see* Gubler, H.P. 1-28489
- Sick, I. *see* Jans, E. 1-28470
- Sickafus, E.N. A secondary electron emission correction for quantitative Auger yield measurements 1-26318
- Sicking, G. Auger electron spectroscopy investigation of Pd-V alloys annealed under ultrahigh vacuum conditions and sputtered with argon ions 1-21317
- Sicking, G., Huber, B. Diffusion of tritium in cold-worked palladium 1-20460
- Sickle, K. Van *see* Van Sickle, K.
- Siconolfi, D.J. *see* Frankenthal, R.P. 1-31245
- Sicre, A., Caitucoli, F., Barreau, G., Doan, T.P., Benfoughal, T., Leroux, B. Study of vibrations/resonances in the reaction $^{231}\text{Pa}(n,f)$ 1-50682
- Sicre, A. *see* Caitucoli, F. 1-23700
- Sicre, E.E., Bolognini, N., Rabal, H.J., Garavalia, M. Color storage and image processing through Young's fringes modulated speckle 1-10929
- Sicre, E.E., Bolognini, N., Rabal, H.J., Garavalia, M. Color storage and image processing through Young's fringes modulated speckle 1-46234
- Sicre, E.E. *see* Bolognini, N. 1-6836
- Siddall, E. *see* Brooks, G.L. 1-50895
- Siddall, T.H., III, Flurry, R.L., Jr. Theory of nuclear magnetic resonance spectra of higher-spin nuclei. I. Some general considerations and case studies of systems of three nuclei with spin = 1/2 1-14931
- Siddall, T.H., III *see* Flurry, R.L., Jr. 1-13992
- Siddig, M.H. *see* Fraser, S.M. 1-33947
- Siddiqui, A.S. Electron mobility in single crystal polydiacetylene toluene sulphonate (PDA-TS) 1-34721
- Siddiqui, M.Q. *see* Cable, M. 1-21411
- Siddiqui, S.A. *see* Thies, H.H. 1-23638
- Siddique, H.N., Gopala Rao, D., Veerayya, M., Wagle, B.G. Acoustic masking due to gases in shallow seismic profiling on the shelf off Bombay 1-17580
- Siddles, R.M. *see* Chandler, E.T. 1-51274
- Siddon, T.E. *see* Hoglund, L.E. 1-46624
- Siddons, D.P. *see* Hart, M. 1-10052
- Siddoway, F.H. *see* Aase, J.K. 1-54086
- Sidelnikov, I.V. *see* Drozhzhin, A.I. 1-48376
- Sideman, S. *see* Moalem-Maron, D. 1-19701
- Sider, F.M., Matzie, R.A., Ramsower, S.E. An improved once-through fuel cycle for pressurized water reactors 1-785
- Sideris, E. *see* Anastasiadis, A.J. 1-34062
- Siders, P. *see* Ramaswamy, R. 1-37162
- Sides, W.H., Jr., Piety, K.R. Automated pattern recognition system for noise analysis 1-28653
- Sidley, D., Collins, A.L.W., Taplin, D.M.R. Damage mechanisms in the high temperature low cycle fatigue of a Cu-Cr-Mg alloy 1-35393
- Sidhu, D.P. Left-right-symmetric gauge theory consistent with all experiments: a viable alternative to the Weinberg-Salam model 1-480
- Sidi, M. Ait Ba *see* Ait Ba Sidi, M.
- Sidis, V., Kubach, C., Pommier, J. Systematic theoretical investigation of charge exchange in He^+ -alkali-atom collisions 1-24248
- Sidis, V. *see* Kubach, C. 1-24247
- Sidis, V. *see* Matic, M. 1-6349
- Sidjimov, B. *see* Krejov, K. 1-12268
- Sidlichovsky, M. The inclination changes in the problem of two triaxial rigid spheroids 1-13672
- Sidlichovsky, M. On the two triaxial rigid body problem 1-36166
- Sidlyar, M.M. *see* Elistratov, V.I. 1-41957
- Sidman, R.D., Kearfott, B., Smith, D.B. A method for identifying noise-free evoked potential components-applications of DLM (dipole localization method) to these components [visual and somatosensory stimuli] 1-32086
- Sidenko, E.V. *see* Perekalina, T.M. 1-34918
- Sidokhin, A.F., Babichev, L.P., Kornienkov, B.A., Makarov, V.P., Matsuk, V.G., Molotlov, B.V. Electromagnetic losses and nonuniformity of motion of domain boundaries 1-7872
- Sidorchuk, P.G. Epitaxial crystallization of $\text{Zn}_{1-x}\text{Cd}_x\text{Hg}_{1-x-y}\text{Te}$ from a melt 1-12673
- Sidorenko, A.I. *see* Vasilyev, M.B. 1-9395
- Sidorenko, E.N. *see* Turk, A.V. 1-52894
- Sidorenko, E.V. *see* Gorbenko, F.L. 1-13052
- Sidorenko, P.V. *see* Levinzon, D.I. 1-31336
- Sidorenko, Yu.A. *see* Borisov, Yu.S. 1-39492
- Sidorik, V.V. *see* Zheynov, N.A. 1-30663
- Sidorin, K.K. *see* Gurin, V.N. 1-3358
- Sidorin, S.S. *see* Aksinenko, V.D. 1-18662
- Sidorin, Yu.V. *see* Kovalev, A.A. 1-35127, 1-35131
- Sidorov, A.A. Photoproduction of K^+ mesons on ^3He and ^4He 1-18638
- Sidorov, A.I. *see* Abroyan, I.A. 1-3547
- Sidorov, A.I. *see* Baklanov, A.M. 1-48752
- Sidorov, A.I. *see* Yalamar, Yu.I. 1-25535
- Sidorov, A.M. Effective heat conductivity of porous rocks 1-54079
- Sidorov, A.N. *see* Andreev, S.I. 1-46940
- Sidorov, A.N. *see* Yeletsii, N.P. 1-35745
- Sidorov, B.L. *see* Kolokol'chikov, V.V. 1-42451
- Sidorov, F.K. *see* Biron, V.S. 1-48346
- Sidorov, G.G. *see* Bruns, A.V. 1-27385
- Sidorov, I.M. *see* Koyen, M.A. 1-22515
- Sidorov, L.N., Minayeva, I.I., Zazorin, E.Z., Sorokin, I.D., Borschevskiy, A.Ya. Mass spectrometric investigation of gas-phase equilibria over bismuth trioxide 1-39666
- Sidorov, L.N. *see* Nikitin, M.I. 1-24240
- Sidorov, S.K. *see* Dubinin, S.F. 1-7810, 1-43335
- Sidorov, S.K. *see* Vokhmyanin, A.P. 1-30938
- Sidorov, S.V., Khizhnyak, A.I. Role of spatial inhomogeneity in intracavity laser spectroscopy 1-33061
- Sidorov, V.A., Sokolov, B.K., Gubernatorov, V.V., Fel'dman, V.G., Livshits, A.A. Analysis of composition of deformation texture of iron-silicon alloy 1-8324
- Sidorov, V.A. *see* Baru, S.E. 1-5451
- Sidorov, V.A. *see* Kornienko, L.S. 1-33727, 1-51497
- Sidorov, V.A. *see* Vasserman, I.B. 1-40991
- Sidorov, V.A. *see* Zholtentz, A.A. 1-14381
- Sidorov, V.M. The effect of plane gravitational waves of arbitrary frequency on an oscillator 1-143
- Sidorov, V.M. *see* Batasov, Yu.A. 1-41113
- Sidorov, V.M. *see* Evseev, V.S. 1-50658
- Sidorov, V.N. *see* Gorchakov, G.I. 1-44319
- Sidorov, V.N. *see* Melikhov, I.V. 1-34264
- Sidorov, V.P. *see* Sollogub, V.B. 1-22281
- Sidorov, V.S. Accurate and approximate analytical methods of temperature calculation in a fuel element for nonuniform distribution of the Biot number 1-18737
- Sidorov, Yu.A. *see* Milevskii, L.S. 1-30230
- Sidorova, I.B. *see* Barsen'yan, L.V. 1-16795
- Sidorovich, V.A., Nikolaev, V.A., Beloshitsky, V.V., Goloviznin, V.V. Role of transitions with different changes of the electron orbital angular momentum projection in the proton ionisation of the 1s and 2s states of hydrogen-like ions 1-1347
- Sidorski, Z., Szelwicki, T., Dworecki, Z. Adsorption of copper on tungsten low index planes at various substrate temperatures: A field emission microscopy study 1-34585
- Sidorski, Z. *see* Kolaczekiewicz, J. 1-42625
- Sidran, M. Infrared sensing of sea surface temperature from space 1-49430
- Sidulenko, O.A. *see* Anan'in, P.S. 1-1009
- Sidwell, R. *see* Ushida, N. 1-546

- Sie, S.H., Diamond, R.M., Newton, J.O., Leigh, J.R. The dipole component in the yeast cascade and the multiplicity of statistical γ -rays 1-41073
- Sie, S.H., Newton, J.O., Leigh, J.R., Diamond, R.M. Multiplicity of the statistical γ rays following $(^{18}\text{O}, \text{xn})$ reactions 1-41074
- Siebenmann, P.G. *see* Klein, P.B. 1-8114
- Sieenthal, J.M. *see* De Sieenthal, J.M.
- Siebert, C.R. *see* Kronenberg, S. 1-6043
- Sieber, W. *see* Bartel, N. 1-13791, 1-36316
- Sieber, W. *see* Schiller, S. 1-16212
- Siebers, F. *see* Romer, R. 1-38723
- Siebert, B.R.L. *see* Brode, H.J. 1-10614
- Siebert, D., Westerkamp, W. Optical crystal investigation of Ga_2S_3 and ESR of incorporated Mn^{2+} ions 1-21037
- Siebert, E.T. *see* Akkapeddi, P.R. 1-46464
- Siebert, H.W. *see* Bourquin, M. 1-10276
- Siebert, K. *see* Euler, K.-J. 1-7595
- Siebert, W. *see* Rehm, W. 1-52983
- Siebkue, W., Friedrich, C. The elastic behaviour of an Al-Zn alloy during formation and growth of Guinier-Preston zones 1-31463
- Siebrand, W., Zgierski, M.Z. Vibrational structure of multiplicity-forbidden spectra. Non-Condon effects and vibronic interference in hetero-aromatics 1-19082
- Siebrand, W. *see* Bounds, P.J. 1-12035
- Siebrand, W. *see* Samoc, M. 1-25755
- Siedentop, H.K.H., Muller, A.M.K. On the relation between k-body interaction and k-particle density 1-23045
- Siedlecki, A. *see* Chwaleba, A. 1-32548
- Siefert, J. *see* Bitterwolf, E. 1-28375
- Siefken, U. *see* Amberger, E. 1-31346
- Sieg, R.P. *see* Penner, S.S. 1-13071
- Siegbahn, P.E.M. Direct configuration interaction with a reference state composed of many reference configurations 1-24044
- Siegel, A. *see* Couillaud, B. 1-24462
- Siegel, B.A. *see* Kumar, B. 1-43986
- Siegel, E. Generalized-disorder collective-boson mode-softening universality principle 1-163
- Siegel, E. Ten-fold degenerated d-electron correlation and the metal-nonmetal transition in a disordered binary system: inclusion of Hund's rule coupling 1-34848
- Siegel, E. RPA degenerate d-band complex magnons in metallic ferromagnets at zero and finite temperatures: inclusion of system specificity and d-electron(hole) induced charge and spin polarity fluctuations 1-34849
- Siegel, E. *see* Edgar, A. 1-34667
- Siegel, H.J., Swain, P.H., Smith, B.W. Parallel processing implementations of a contextual classifier for multispectral remote sensing data 1-9297
- Siegel, J., Dehmer, J.L., Dill, D. Hybrid calculation of electron-polar-molecule scattering: integrated and momentum-transfer cross sections for LiF 1-46126
- Siegel, J.A. *see* Harpen, M.D. 1-26987
- Siegel, R.W. Positron annihilation spectroscopy 1-39179
- Siegel, R.W. *see* Gupta, R.P. 1-26299
- Siegel, W. Off-shell central charges 1-455
- Siegel, W. On-shell O(N) supergravity in superspace 1-27841
- Siegel, W., Kuhnelt, G., Ziegler, E., Kirsten, P., Schneider, H.A. Orientation dependence of electrical and optical properties of ZnSiP_2 crystals grown from melt 1-34705
- Siegel, W. *see* Monecke, J. 1-47688
- Siegrist, G. *see* Caiuotoli, P. 1-23700
- Siegrist, R.W. *see* Batzle, M.L. 1-44171
- Siegmann, A., Harget, P.J. Melting and crystallization of poly(ethylene terephthalate) under pressure 1-52086
- Siegmann, G.C., Pierce, D.T., Celotta, R.J. Spin-dependent absorption of electrons in a ferromagnetic metal 1-43228
- Siegmann, H.C. *see* Schlapbach, L. 1-2805
- Siegmann, H.C. *see* Schmidt-Ott, A. 1-3569
- Siegmann, W.L. *see* Kays, J.L. 1-37668
- Siegmund, M., Bendig, J. The solvent dependence of the electronic spectra and the change of the dipole properties of N-substituted acridones at electronic excitation 1-6312
- Siegmund, O.H.W., Sanford, P.W., Mason, I.M., Culhane, J.L., Cockshott, R. Light from electron avalanches and background rejection in X-ray astronomy 1-9377
- Siegrist, A.W., Schnetzler, C.C. Optimum spectral bands for rock discrimination 1-44335
- Siegrist, J.L. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
- Siegrist, J.L. *see* Dorfman, J.M. 1-41020
- Siegrist, J.L. *see* Himel, T.M. 1-18482
- Siegrist, J.L. *see* Scharre, D.L. 1-18485, 1-45292
- Siegrist, M.R., Green, M.R., Morgan, P.D., Waterson, R.L. Mode structure in the unstable resonator of an optically pumped FIR laser. An investigation 1-19364
- Siegrist, M.R. *see* Del Pizzo, V. 1-2195
- Siegrist, P. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Siejka, J. *see* Gourrier, S. 1-48551
- Siejka, J. *see* Perriere, J. 1-47289
- Siekman, J. *see* Bauer, H.F. 1-38016
- Sielanko, J. Yudin's approximation of nuclear stopping power in the sputtering yield calculations 1-39200
- Siemann, R., Cooper, B.R. Mechanisms selecting between (100) or (111) alignment and between antiferromagnetism or ferromagnetism in cerium and light actinide metallic systems 1-47877
- Siemann, R., Cooper, B.R., Guertin, R.P., Foner, S. Theory of singlet-ground-state ferromagnetism in PrSe_2 : A cubic system with low local symmetry 1-25854
- Siemann, R. *see* Cooper, B.R. 1-25929, 1-47911
- Siemann, R. *see* Drews, G. 1-10229
- Siemann, R.H. *see* Bebek, C. 1-33191
- Siemann, R.H. *see* Chadwick, K. 1-33192
- Siemens, D.H. *see* Berger, D.N. 1-23823
- Siemens, P.J. *see* Mishustin, I.M. 1-5793
- Siemens, R.E. *see* Chandra, D. 1-13055
- Siemens, P.A. *see* McKee, D.W. 1-31709
- Siemon, R.E. *see* Ekdhall, T. 1-6965
- Siems, R. *see* Hirsenko, R.-P. 1-30274
- Siemens, K.J. The sequence bands of the carbon-13 isotope CO_2 laser 1-10985
- Siemens, K.J. Sequence bands of the isotope $^{12}\text{C}^{18}\text{O}_2$ laser 1-51446
- Siemssen, R.H. Recent developments in nuclear physics 1-10335
- Siemssen, R.H. *see* Scholten, O. 1-14505
- Siemssen, R.H. *see* van Driel, J. 1-33271
- Sieng Wei Mein *see* Mein Sieng Wei
- Siemkiewicz, L.J. *see* Kun, Z.K. 1-48168
- Sienko, M.J. *see* Buntaine, J.R. 1-26037, 1-34487
- Sienko, M.J. *see* Stacy, A. 1-25867
- Sieradzian, A. *see* Glowczewski, P. 1-11018
- Sieradzian, A. *see* Radzewicz, C. 1-19357
- Sieradzki, K. On the embrittlement of steels by hydrogen sulfide 1-53281
- Sierk, A.J., Nix, J.R. Effect of the nuclear compressibility coefficient on the expansion of compressed nuclear matter 1-14484
- Sierk, A.J. *see* Schutte, G. 1-18704
- Sierra, G. *see* Ranada, A.F. 1-23424
- Sierra, R.A., Foltyn, S.R., Brooks, H.L., Cornell, M.C., Nygaard, K.J. Basic processes in CO_2 laser plasmas 1-38156
- Sierra, R.A. *see* Brooks, H.L. 1-37342
- Sierra, R.A. *see* Johnson, B.W. 1-27939
- Sierra, R.A. *see* Nygaard, K.J. 1-33671
- Sietthoff, H. Dynamical recovery of aluminum at high temperatures 1-26566
- Sievelka, E. *see* Johnson, R.E. 1-41490
- Sievers, A.J. Infrared and optical properties of Na, K, and Rb metals 1-8033
- Sievers, A.J. *see* Devaty, R.P. 1-3408, 1-20657
- Sievers, A.J. *see* Schlesinger, Z. 1-35109
- Sievers, D. Viscosity calculation of polydisperse branching polymers near gel point 1-11893
- Sievers, P. Thermal effects induced by high energy protons in target and absorber materials 1-20280
- Sievers, U., Schulz, S. An equation of state for methane in the form of Bender's equation for temperatures between 91K and 625K and pressures up to 500 bar 1-30350
- Siewert, C.E. On computing eigenvalues in radiative transfer 1-4763
- Siewert, C.E., Garcia, R.D.M., Grandjean, P. A concise and accurate solution for Poiseuille flow in a plane channel 1-29728
- Siewert, C.E., Maiorino, J.R. The complete solution for the scattering of polarized light in a Rayleigh and isotropically scattering atmosphere 1-13711
- Siewert, C.E. *see* Devaux, C. 1-44301
- Siewert, C.E. *see* Garcia, R.D.M. 1-749
- Siewert, C.E. *see* Maiorino, J.R. 1-33280
- Siewert, C.E. *see* Mullikin, T.W. 1-6752
- Siewert, G. A new method for the calculation of geostrophic wind 1-13545
- Siffert, P. *see* Hage-Ali, M. 1-18966
- Siffert, P. *see* Muller, J.C. 1-32031
- Siffert, P. *see* Rabin, B. 1-30812
- Sigaev, G.I. *see* Boev, S.G. 1-50164
- Signal, G.B., Sorokin, Yu.M. Nonlinear refraction in the field of nonlinear sources 1-41771
- Signalov, V.M. *see* Kraft, O.E. 1-683
- Sigaud, G., Hardouin, F., Achard, M.F., Levelut, A.M. A new type of smectic A phase with long range modulation in the layers 1-34224
- Sigaud, G. *see* Hardouin, F. 1-34223, 1-38263
- Sigaud, J. *see* Delaroche, J.P. 1-36902
- Sigel, G.H., Jr. Fiber transmission losses in high-radiation fields 1-11120
- Sigel, R. Optical diagnostics of laser-produced plasmas with ultra-short laser pulses 1-19959
- Sigel, R. Thermomolecular fusion by high-power lasers 1-25009
- Sigelmann, R.A. *see* Powers, J.E. 1-24602
- Siggel, U. *see* Huber, H.-L. 1-39895
- Siggia, E.D., Aref, H. Point-vortex simulation of the inverse energy cascade in two-dimensional turbulence 1-37880
- Siggia, E.D., Ruckenstein, A.E. Bose condensation in spin polarized atomic hydrogen 1-1078
- Siggia, E.D. *see* Aref, H. 1-11379
- Siggia, E.D. *see* Tremblay, A.-M.S. 1-50054
- Siggia, S. *see* Colella, M.B. 1-53490
- Sigh, M.C. Group theoretic analysis of similarity transformations with applications to the nonhomogeneous and nonlinear problems of wave propagation 1-5108
- Sigillito, V.G. *see* Fox, D.W. 1-1861
- Sigillito, V.G. *see* Kuttler, J.R. 1-29605
- Sigmon, T.W. Quantitation of SIMS for semiconductor processing technology 1-31286
- Sigmon, T.W. *see* Evans, C.A., Jr. 1-30265
- Sigmon, T.W. *see* Swaminathan, B. 1-20387
- Sigmon, T.W. *see* Tsai, C.C. 1-52441
- Sigmond, R.S. The conversion of leak rates 1-40802
- Sigmond, R.S., Goldman, A., Brenna, D. Corona corrosion of aluminum in air: electrochemical interaction between electrical coronas and metal surfaces 1-21651
- Sigmond, R.S., Lien, E. Ultrasonic diffraction measurements of fatigue crack growth 1-12938
- Sigmond, E., Lassmann, K. Phonon scattering at acceptors with γ_8 ground states in semiconductors 1-15998
- Sigmund, H. *see* Braungart, R. 1-21367
- Sigmund, P. Statistics of particle penetration in molecular gases and noncrystalline solids 1-47133
- Sigmund, P. *see* Gras-Marti, A. 1-53029
- Signer, H. *see* Lardon, M. 1-7495
- Signerski, R., Kalinowski, J. On action spectra of the photocurrent in polycrystalline tetracene films 1-34749
- Signoret, C., Pouyet, J.M., Lataillade, J.-L. Adaptation of a microcomputer system to a modified split Hopkinson bar 1-18242
- Sigov, A.S. *see* Ermolov, A.F. 1-38929
- Sigov, A.S. *see* Grabinski, N.P. 1-26210
- Sigov, A.S. *see* Levanyuk, A.V. 1-7286, 1-25390
- Sigov, Y.S. Computer simulation of collective phenomena in a turbulent plasma 1-51982
- Sigov, Yu.S. *see* Kustov, V.I. 1-34737
- Sigua, K.I. *see* Dzhibuti, R.L. 1-36969
- Sigurdsen, H., Sparks, R.S.J., Carey, S.N., Huang, T.C. Volcanogenic sedimentation in the Lesser Antilles arc 1-54045
- Sigworth, F.J., Neher, E. Single Na^+ channel currents observed in cultured rat muscle cells 1-8839
- Sih, G.C., Barthelmy, B.M. Mixed mode fatigue crack growth predictions 1-25362
- Sih, G.C., Chen, E.P. Axisymmetric elastodynamic response from normal and radial impact of layered composites with embedded penny-shaped cracks 1-15446
- Sih, G.C., Chen, E.P. Effect of material nonhomogeneity on crack propagation characteristics 1-25361
- Sih, G.C., Shih, M.T. Hygrothermal stress in a plate subjected to antisymmetric time-dependent moisture and temperature boundary conditions 1-37788
- Sih, G.C. *see* Chen, E.P. 1-46703
- Sih, G.C. *see* Hartnaff, R.J. 1-2670, 1-46681
- Sihi, S. *see* Das, K.P. 1-11536
- Siiman, O. *see* Kerker, M. 1-6262
- Siivola, A. *see* Katajanheimo, R. 1-5681
- Sijacki, D. Linear groups in particles and gravity 1-5519
- Sijde, B. Van Der *see* Van Der Sijde, B.
- Sik, J. *see* Hutton, V.R. 1-40060
- Sikdar, D.N., Hentz, S.J. Kinematic structure of an Atlantic cloud cluster during GATE and its time variation 1-44285
- Sikdar, D.N. *see* Soon-ung Park 1-36044
- Sikdar, S.K., Webster, S.H. Coulter particle counting at higher counting rates 1-409
- Sikharulidze, Yu.G. *see* Ramazov, A.A. 1-54175
- Sikivie, P., Susskind, L., Voloshin, M., Zakharov, V. Isospin breaking in technicolor models 1-496
- Sikivie, P. *see* Dimopoulos, S. 1-36835
- Sikka, D.R. Some aspects of the large scale fluctuations of summer monsoon rainfall over India in relation to fluctuations in the planetary and regional scale circulation parameters 1-49370
- Sikka, S. Some observations on fatigue and crazing of polycarbonate (bisphenol A) 1-35361
- Sikka, S.K. *see* Vohra, Y.K. 1-38449
- Sikka, V.K., Rosa, C.J. The oxidation kinetics of tungsten and the determination of oxygen diffusion coefficient in tungsten trioxide 1-53333
- Sikka, V.K., Rosa, C.J. High temperature oxidation of Nb-10 at.% W alloy 1-53334
- Sikkos, S.T.C. Some Einstein spaces and their global properties 1-36542
- Sikkos, T. *see* Stamenkovic, S. 1-43078
- Sikora, D. *see* Yankevich, Ch. 1-9879
- Sikora, R., Gawrylczyk, M.K., Lipinski, W. Analysis of distribution of magnetic field generated by current circulating in a torus 1-29166
- Sikora, R. *see* Komorowski, M. 1-23215
- Sikora, R. *see* Lipinski, W. 1-29167
- Sikorska, A. Population density measurements of some excited levels in neon ring discharge plasma 1-15641
- Sikorski, J. *see* Musielak, Z. 1-17816

- Sikorskii, V.A. Comprehensive interpretation of geophysical data based on correlation self-adjustment 1-54283
- Sikri, A.K., Narchal, M.L. Temperature-dependent statistical theory of cross relaxation in nickel-sodium triacetylacetonate dioxane 1-3239
- Sil, N.C. *see* Mandal, P. 1-24292
- Sil, N.C. *see* Mukherjee, S. 1-1345
- Sil, N.C. *see* Roy, A. 1-1377
- Sil, N.C. *see* Roy, P.K. 1-1344
- Sil, N.C. *see* Sur, S.K. 1-46134
- Silaev, V.I. *see* Belyaeva, A.I. 1-50177
- Silalnik, V.J. *see* Adomaitis, E.J. 1-42868
- Silanov, Yu.V. *see* Tokmakov, V.S. 1-15558
- Silan'ev, N.A. Tomography of polarized radiation in a medium of freely oriented small particles 1-13684
- Silan'ev, N.A. Intensity and polarization of radiation emerging from a semi-infinite medium containing assigned sources 1-44432
- Silant'ev, V.I. *see* Bokhan, P.A. 1-33665
- Silant'ev, V.I. *see* Dekhtyur, I.Ya. 1-25788
- Silant'ev, V.I. *see* Patoka, V.I. 1-30373
- Silbar, R.R. *see* Dubach, J. 1-33198
- Silbar, R.R. *see* Klot, W.M. 1-50521
- Silber, H.B. *see* McCarthy, G.J. [editor] 1-22953
- Silberberg, A. Phase separation in polymer/solvent systems 1-38240
- Silberberg, A. *see* Windreich, S. 1-17101
- Silbergliet, V.M. *see* Szybisz, L. 1-45471
- Silbermagel, B.G. *see* Kleinberg, R.L. 1-16501, 1-31059
- Silberstein, R.P. Magnetic Raman scattering mechanisms in EuS and EuSe 1-26205
- Silberstein, R.P., Pollak, F.H. Investigation of the semiconductor-oxide electrolyte interface in GaAs utilizing electrolyte electroreflectance 1-16359
- Silberstein, R.P., Pollak, F.H. Optical and modulated optical investigation of the semiconductor-oxide-electrolyte interface in GaAs 1-34801
- Silbert, M. *see* Harder, J.M. 1-11645
- Silbert, M. *see* Levesque, D. 1-25132
- Silbey, R. *see* Chance, R.R. 1-19224
- Silbey, R. *see* Friesner, R. 1-47180
- Silbey, R. *see* Wertheimer, R. 1-11819, 1-47532
- Sileika, A. *see* Antonov, V.B. 1-16583
- Silenok, A.V. *see* Ursu, I. 1-19921
- Silevitch, M.B. *see* Berkey, F.T. 1-40248
- Silfhout, A. *see* Van See Silfhout, A.
- Silichev, O.O. *see* Dmitriev, V.G. 1-1574
- Silin, A.A. *see* Aparin, V.I. 1-31677
- Silin, A.P. *see* Andryushin, E.A. 1-20639
- Silin, A.P. *see* Andryushyn, E.A. 1-12040
- Silin, A.P. *see* Babichenko, V.S. 1-20648
- Silin, N.A. *see* Baklanov, A.M. 1-48752
- Silin, N.A. *see* Yalamov, Yu.I. 1-25535
- Silin, P.V. *see* Andreev, N.E. 1-11565
- Silin, V.I., Mikulskis, P.P. Use of selective binary and ternary nuclear magnetic resonances in investigating intermolecular NH...O type hydrogen bonds 1-41457
- Silin, V.P. Shift and broadening of emission lines in parametric instability of a plasma 1-34074
- Silin, V.P., Starodub, A.N., Filippov, M.V. Contribution to the theory of Langmuir turbulence 1-34080
- Silin, V.P., Tikhonchuk, V.T. Time-varying parametric plasma turbulence 1-24974
- Silin, V.P. *see* Aleksandrov, V.V. 1-11583
- Silin, V.P. *see* Andreev, N.E. 1-11565, 1-51945
- Silin, V.P. *see* Zverev, V.M. 1-2898, 1-3159
- Silina, I.M. *see* Krutikhovskaya, Z.A. 1-27058
- Silina, L.K. *see* Blagoy, P. 1-14806
- Silinas, V.I., Mikulskis, P.P. NMR-H selective double resonance study of self-association of N-terbutylacetamide in carbon tetrachloride and cyclohexane 1-21721
- Silinsch, E.A., Capek, V., Nedbal, L. Quantum corrections to the polarization energy in linear acene series 1-30134
- Silin'sh, Yu.A. *see* Ubelis, A.P. 1-8589
- Silipo, G. *see* Rancourt, J. 1-39783
- Silis, Yu.Yu. *see* Tsiprin, M.G. 1-17013
- Silsk, J. Gas in galaxy clusters 1-9679
- Silsk, J. *see* Bond, J.R. 1-27619
- Silsk, J. *see* Wallerstein, G. 1-22853
- Silsk, J. *see* White, S.D.M. 1-44650
- Silsk, J. *see* Wilson, M.L. 1-49862
- Silk, J.D. *see* Cowley, A.A. 1-23658
- Silker, W.B. *see* Young, J.A. 1-13513
- Silkis, E.G. *see* Bagratashvili, V.N. 1-51213
- Silko, P.P. Energy release profiling in a multiple-region reactor with allowance for time-dependent control. II. Energy release profile conservation for the prescribed time interval 1-18832
- Sill, G., Fink, U., Ferraro, J.R. The infrared spectrum of ammonia hydrate: Explanation for a reported ammonia phase 1-48057
- Sillen, C.W.M.P., Barendrecht, E., Janssen, L.J.J., Van Stralen, S.J.D. Gas bubble behaviour during water electrolysis 1-43677
- Siller, G. *see* Niedermeyer, H. 1-25040
- Sillessen, A.H. *see* Jensen, N.-H. 1-51211
- Sillessen, A.H. *see* Wilbrandt, R. 1-41384
- Sillescu, S.A., Schrock, V.E. Assessment of the TRAC-PIA equation-of-state for water 1-45589
- Sillou, D. *see* Davidov, V.A. 1-1023
- Sills, J.A. *see* Thompson, D.J. 1-4294
- Sills, L.B. *see* Freund, L.B. 1-11352
- Sil'man, G.I., Pristuplyuk, N.I., Frolov, M.S. Effect of vanadium on the structure and properties of high-manganese steels 1-48389
- Sil'nikova, E.F. *see* Kazadzhah, L.B. 1-8323
- Silny, J. *see* Hayes, K.C. 1-32267
- Silny, J. *see* Hinsen, R. 1-40021
- Silny, J. *see* Murr, G. 1-4371
- Silonor, V.M. *see* Khavazhza, F.A. 1-26107
- Silovanyuk, V.P. *see* Andreikiv, A.E. 1-1894
- Silsbee, R.H. *see* Graham, G.W. 1-21049
- Silva, A. Ferreira Da *see* Ferreira Da Silva, A.
- Silva, A.J. *see* da Silva, A.J.
- Silva, A.M., Viterbo, D. Effects of phase errors on E maps 1-15753
- Silva, B. Fidelis Da *see* Fidelis Da Silva, B.
- Silva, C.E.T. Gonçalves da *see* Gonçalves da Silva, C.E.T.
- Silva, F.H. Lopes Da *see* Lopes Da Silva, F.H.
- Silva, J. *see* DeFrise, M. 1-45381
- Silva, J. Andrade e *see* Andrade e Silva, J.
- Silva, J. Caetano da *see* Caetano da Silva, J.
- Silva, J.C. Machado da *see* Machado da Silva, J.C.
- Silva, K.T.L. de *see* de Silva, K.T.L.
- Silva, M. Andrade e *see* Andrade e Silva, M.
- Silva, N.P. *see* de Aguiar, F.S. 1-43076
- Silva, P. *see* Bartolini, P. 1-36001
- Silva, R.J., White, A.R., Yee, A.W. Computer modeling of nuclide adsorption on geologic materials 1-41216
- Silva, R.J. *see* Nitschke, J.M. 1-36971
- Silva, W.C.C., Pilchowski, H.U., Ferreira, L.D.D. Angular dislocation of the Earth principal axes of inertia 1-17547
- Silva, X.A. da *see* da Silva, X.A.
- Silva, X.A. da *see* da Silva, X.A.
- Silva Carvalho, H. da *see* da Silva Carvalho, H.
- Silva R., G. *see* Flores M., A. 1-49415
- Silva-Moreira, A.F. Nonequilibrium thermodynamics and quasiclassical light scattering from crystals. II. Piezoelectric crystals 1-39115
- Silvaggio, P.M. *see* Larkin, R.J. 1-19093
- Silveira, A. da *see* da Silveira, A.
- Silveira, A. da *see* da Silveira, A.
- Silveira, R. da *see* da Silveira, R.
- Silveira, V.L.R. da *see* da Silveira, V.L.R.
- Silver, A.H. *see* Flesner, L.D. 1-16413
- Silver, D.M., deHaas, N. Temperature dependence of the reaction rate for H+CF₃Br 1-48668
- Silver, D.M. *see* Bauschlicher, C.W., Jr. 1-6142
- Silver, D.P. *see* Van Brunt, R.J. 1-20005
- Silver, E. *see* Brau, K. 1-19944
- Silver, E. *see* Owens, D.K. 1-25073
- Silver, G.L. New hydride rare earth compounds 1-30206
- Silver, J.A., Kolb, C.E. Rate constant for the reaction NH₃+OH→NH₂+H₂O over a wide temperature range 1-8529
- Silver, K. *see* Rucklin, D.S. 1-32134
- Silver, M. *see* Adler, D. 1-42814
- Silver, M. *see* Madan, A. 1-7662
- Silver, M. *see* Schonherr, G. 1-25637
- Silver, P.G., Jordan, T.H. Fundamental spheroidal mode observations of aspherical heterogeneity 1-49225
- Silver, R.S. Collinearity and disequilibrium in irreversible thermodynamics of the steady state 1-208
- Silvers, I., Walraven, J.T.M. Monatomic hydrogen—a new stable gas 1-52389
- Silvers, I.F., Walraven, J.T.M. The stabilization of atomic hydrogen: a new Bose gas 1-1082
- Silvers, I.F., Walraven, J.T.M. Spin-polarized atomic deuterium: stabilization, limitations on density, and adsorption energy on helium 1-2735
- Silvers, I.F. *see* Matthey, A.P.M. 1-47320
- Silvers, I.F. *see* Walraven, J.T.M. 1-1083
- Silvers, I.F. *see* Wijngaarden, R.J. 1-31161
- Silverans, R.E., Borghs, G., De Bisschop, P., Van Hove, M., Van den Cruyce, J.M. Lifetime of the XeI^{6p} level using the fast-beam-laser method 1-33424
- Silverans, R.E., de Bisschop, P., van Hove, M., van den Cruyce, J.M., Borghs, G. Observation of optical Ramsey interference fringes in collinear ion-beam-laser beam interaction by Doppler switching 1-51367
- Silverans, R.E. *see* Borghs, G. 1-46146
- Silverberg, E.C. On the effective use of lunar ranging for the determination of the Earth's orientation 1-44088
- Silverglate, P. *see* Zuckerman, B. 1-44537
- Silvergleit, M. *see* Macander, A. 1-39456
- Silverman, A. *see* Bebek, C. 1-33191
- Silverman, A. *see* Chadwick, K. 1-33192
- Silverman, B.D. *see* Torrance, J.B. 1-25734
- Silverman, D., Soni, A. Analysis of reactor experiments for neutrino oscillations 1-45179
- Silverman, G. *see* Cogan, A.I. 1-17397
- Silverman, J.N. Variational constraints on perturbed eigenvalues and their perturbation expansions. II. Perturbation inequalities 1-9857
- Silverman, J.N. Estimation of radii of convergence of Rayleigh-Schrodinger perturbation expansions: application to the 1/Z expansions of two-through ten-electron atomic isoelectronic sequences 1-45811
- Silverman, K.B. Low cost optical isolation systems 1-919
- Silverman, M. *see* Beardsmore, C.S. 1-22151
- Silverman, M. *see* Ciofetta, G. 1-49102
- Silverman, M. *see* Ford, P.P. 1-43578, 1-53339
- Silverman, M. *see* Taylor, D.F. 1-39509, 1-53336
- Silverman, M.P. The curious problem of spinor rotation 1-5051
- Silverman, P.J. *see* Culbertson, R.J. 1-30536
- Silverman, P.J. *see* Jackman, T.E. 1-16647
- Silverman, P.J. *see* Stensgaard, I. 1-34559
- Silversmith, A.J. *see* Khandelwal, P.K. 1-35454
- Silversmith, D.J. *see* Geis, M.W. 1-7485
- Silverstein, J.D., Read, M.E., Kwo Ray Chu, Drobot, A.T. Practical considerations in the design of a high-power 1-mm gyromonotron 1-1537
- Silverstein, S.D. All season thermal control greenhouse glasses with selective transmission of photosynthesis active radiation 1-29363
- Silverstone, H.J. Long-range behavior of electronic wave functions. Generalized Carlson-Keller expansion 1-51094
- Silverstone, H.J. *see* Handler, G.S. 1-10640
- Silverstrini, V. *see* Ambrosone, G. 1-39819
- Silverster, P.P. Basic considerations in three-dimensional magnetic field analysis 1-24326
- Silvestre, G. *see* Bacmann, J.-J. 1-42396
- Silvestre, G. *see* Bollmann, W. 1-42397
- Silvestre-Brac, B. *see* Piepenbring, R. 1-18537
- Silvestri, S. *see* de Silvestri, S.
- Silvestri, S. *see* de Silvestri, S.
- Silvestri, V.J., Tang, D.D. Reproducible technique for simultaneous deposition of poly-epi on oxide-silicon 1-8236
- Silvestrov, S.V. *see* Pavlov, L.E. 1-6736
- Silvestrov, V.V. Explosively driven liquid-hydrogen accelerator for microscopic particles 1-24857
- Silvestrov, Yu.G., Kurkin, S.A. Investigation of the features of the fracture of a vessel wall due to a surface crack under low-cycle loading 1-21660
- Silvestrova, P.M. *see* Barta, C. 1-25377
- Silvey, J.F. *see* Letizia, A.P. 1-867
- Silvest, W.T., Wood, O.R., II. New laser systems 1-46381
- Silvia, M.T., Weglein, A.B. Method for obtaining a nearfield inverse scattering solution to the acoustic wave equation 1-46627
- Silvia, M.T. *see* Weglein, A.B. 1-46628
- Silyuk, S.M. *see* Rutsnik, A.I. 1-10883
- Sim, J.K., Singh, R.N., Kinoshita, K. Testing of sintered LiAlO₂ structures in molten carbonate fuel cells 1-4172
- Sim, S.M.L. *see* Cole, A.J. 1-42208
- Sim, S.M.L. *see* Gray, D. 1-29917
- Sim, S.M.L. *see* Gray, D.R. 1-19961
- Simacheva, V.L. *see* Bliznyukov, S.A. 1-45775
- Simak, V. *see* Batyunya, B.V. 1-600
- Simak, V. *see* Boos, E.G. 1-5661
- Simakin, A.V. *see* Bobryev, V.A. 1-31861
- Simak, S.P., Spirin, V.I., Trufanov, A.M., Lovchikova, G.N. Energy calibration of the BGP-10 M accelerator 1-971
- Simakov, S.P. *see* Lovchikova, G.N. 1-41116
- Simakov, V.I., Tukhatulin, A.A., Nyavro, V.F. Combined interpolation scheme for calculating the electron energy spectra of alloys of 3d transition metals 1-52478
- Siman, N.I. *see* Lukash, E.S. 1-35450
- Simanek, E. Effect of charging energy on Kosterlitz-Thouless transition temperature in granular films 1-16409
- Simanek, E. Mechanism for far infrared absorption of small metallic particles 1-43126
- Simanovskaya, E.I. *see* Dyachenko, A.A. 1-6673
- Simanovskii, A.A. *see* Stolyarov, S.V. 1-16105
- Simanovskii, I.B. Finite-amplitude convection in a two-layer system 1-19779
- Simanovskii, L.M. *see* Markman, M.A. 1-13081
- Simard-Normandin, M., Kronberg, P.P. Rotation measures and the galactic magnetic field 1-49797
- Simard-Normandin, M., Kronberg, P.P., Neidhofer, J. Linear polarization observations of extragalactic radio sources at λλ 2 cm and at 17-19 cm 1-36430
- Simas, A.M. *see* Thakkar, A.J. 1-33430
- Simchuk, R.N. *see* Gavaleshko, N.P. 1-34746
- Simcon, C. *see* Perrin, J. 1-28565
- Simeonov, S.S. *see* Batev, P.M. 1-12179
- Simha, R. Transitions, relaxations, and thermodynamics in the glassy state 1-30369
- Simha, R. Equation of state of crystalline and semicrystalline polymers 1-38499
- Simhony, M. Measurement of the pyroelectric coefficient from poling currents in thin PLZT samples under possible injection of free charge 1-26131
- Simic, V. *see* Marinkovic, Z. 1-35236
- Simich, L. *see* Akhbabay, N.O. 1-45510
- Simich, N.L. *see* Akhbabay, N.O. 1-36875
- Similon, P. *see* Krommes, J.A. 1-2149
- Simin'kovich, V.N. *see* Romaniv, O.N. 1-3785

- Simkin, D.J., Martin, J.P., Authier-Martin, M., Oyama-Gannon, K., Fabeni, P., Pazzi, G.P., Ranfagni, A. Symmetry and g value of the relaxed excited state of $K:Ti^{3+}A_2$ emission 1-48164
- Simkin, D.J. *see* Jacobs, P.W.M. 1-21222
- Simkin, D.J. *see* Kamishima, Y. 1-12577
- Simkin, J. The Rutherford software for three dimensional electromagnetic fields 1-24328
- Simkin, J., Trowbridge, C.W. Three-dimensional nonlinear electromagnetic field computations, using scalar potentials 1-10888
- Simkin, V.G. *see* Cser, L. 1-45774
- Simkin, V.Ya. *see* Dement'ev, A.I. 1-14812
- Simkins, M.M. *see* Elwell, D. 1-35190
- Simkins, T.E. *see* Wu, J.J. 1-24729
- Simmons, A. *see* Borrello, S.R. 1-5385
- Simmons, A.J., Hoskins, B.J. Barotropic influences on the growth and decay of nonlinear baroclinic waves 1-49333
- Simmons, E.L. *see* McMahon, B.B. 1-9213
- Simmons, G. *see* Batzle, M.L. 1-44171
- Simmons, G. *see* Jaupart, C. 1-54025
- Simmons, G.L. Analysis techniques in pressure vessel dosimetry 1-18909
- Simmons, J.E. *see* McNaughton, M.W. 1-41051
- Simmons, J.F.L., Aspin, C., Brown, J.C. A critique of the polarimetric evidence on the nature of Cygnus X-1 1-27550
- Simmons, J.F.L. *see* Aspin, C. 1-36339
- Simmons, J.G. *see* Allman, P.G.C. 1-20874
- Simmons, J.G. *see* Tonner, P.D. 1-16382
- Simmons, J.V., Cruden, D.M. A rock labyrinth in the Front Ranges of the Rockies, Alberta 1-41030
- Simmons, L.M., Jr. *see* Nieto, M.M. 1-14048
- Simmons, M.K. *see* Hollander, J.M. (editor) 1-36468
- Simmons, R.O. *see* Chaddah, P. 1-20496
- Simmons, W.A. *see* Ma, E. 1-10204
- Simms, J.A. The preparation and photooxidative degradation of polyesterurethane poly(methyl methacrylate) triblock copolymers 1-13005
- Simms, P.C., Rickey, F.A., Popli, R.K. Symmetric rotor interpretation of transitional nuclei 1-613
- Simms, P.C. *see* Popli, R. 1-45409
- Simms, R. An evaluation of fuel motion in recent TREAT experiments with liquid-metal fast breeder reactor fuel 1-5906
- Simms, R. Analysis of fuel motion in recent TREAT experiments with LMFBR fuel 1-5966
- Simms, R., Lo, R.K., Murphy, W.F., Rothman, A.B., Stanford, G.S. TREAT test E8 simulating a liquid-metal fast breeder reactor \$3/f\$ overpower accident with irradiated fast test reactor type fuel 1-5905
- Simms, R.J. *see* Musinski, D.L. 1-45734
- Simo, R. *see* Oleak, D. 1-15811
- Simoes, I.M. Geothermal energy in Portugal 1-39734
- Simoes, J.A. Martins *see* Martins Simoes, J.A.
- Simoes, T.J.M. *see* Girotti, H.O. 1-5497
- Simola, H.L.K., Coard, M.A., O'Sullivan, P.E. Annual laminations in the sediments of Loe Pool, Cornwall 1-54151
- Simon, A., Peters, K. Single-crystal refinement of the structure of carbon dioxide 1-15862
- Simon, A. *see* Bertho, K. 1-34310
- Simon, A. *see* Dewandre, T. 1-6969
- Simon, A. *see* Gautier, E. 1-21445
- Simon, B. Correlation inequalities and the decay of correlations in ferromagnets 1-3180
- Simon, B. *see* Aizenman, M. 1-3182
- Simon, B. *see* Enns, V. 1-85
- Simon, B. *see* Klaus, M. 1-27806, 1-49958
- Simon, B. *see* Morgan, J.D., III 1-45875
- Simon, C. *see* Bataillon, F. 1-42678
- Simon, C. *see* Feltz, A. 1-31438
- Simon, C. *see* Grah, K. 1-11365
- Simon, C. *see* Rosenman, I. 1-47437
- Simon, D. *see* Rauh, H. 1-34345, 1-38403
- Simon, F.F. *see* Hotchkiss, G.B. 1-21919
- Simon, G., Eichler, W. Galvanomagnetic and thermoelectric transport coefficients in Sb₂Te₃ 1-42795
- Simon, G. *see* Bohn, H.-J. 1-42582
- Simon, H.A. *see* Rabadi, N.J. 1-42091
- Simon, H.J. *see* Tai, C. 1-51549
- Simon, H.J. *see* Wysin, G.M. 1-37542
- Simon, J. *see* Ferron, G. 1-12815
- Simon, J.C., Cretz, J.P. On some models of the vision of mammals 1-43865
- Simon, J.C., Joindot, I. Theoretical and experimental investigation of a thin-film waveguide laser amplifier with a lossy cladding 1-15260
- Simon, J.L. Construction of a planetary theory to the third order of the masses 1-40335
- Simon, J.M., Depine, R.A. Power losses in lamellar gratings. Comment 1-19418
- Simon, J.M. *see* Prachia, J.A. 1-37577
- Simon, J.P. *see* Camel, D. 1-16155
- Simon, M., Harder, H. The development position and outlook for the HTR (high temperature reactor) in Germany 1-14691
- Simon, M., Spiegelhauer, H., Schmidt, W.K.H., Siohan, F., Ormes, J.F., Balasubrahmanyam, V.K., Arens, J.F. Energy spectra of cosmic-ray nuclei to above 100 GeV per nucleon 1-9338
- Simon, M. *see* Fiorini, P. 1-25648
- Simon, M. *see* Fischer, J. 1-4955
- Simon, M. *see* Harder, H. 1-10510
- Simon, M.F. *see* Sauvage 1-41225
- Simon, M.J. Wave-energy extraction by a submerged cylindrical resonant duct 1-53546
- Simon, N.R. An extended work integral for pulsating stars 1-40476
- Simon, P. The year of maximum solar activity 1-49601
- Simon, P. *see* Wasieleski, A. 1-35091
- Simon, R.S. The Darmstadt-Heidelberg crystal ball 1-45782
- Simon, R.S., Folkmann, F., Briancon, Ch., Libert, J., Thibaud, J.P., Walen, R.J., Fraundorf, S. Rotational band crossings in the actinides 1-23549
- Simon, R.S. *see* Emling, H. 1-28368
- Simon, S. *see* Ho, H. 1-14536
- Simon, S.A., Hurley, D. Simplified models of completely degenerate, differentially rotating stars 1-27713
- Simon, T., Linsky, J.L. IUE ultraviolet spectra and chromospheric models of HR 1099 and UX Arietis 1-22832
- Simon, T., Linsky, J.L., Schiffer, F.H., III IUE spectra of a flare in the RS Canum Venaticorum type system UX Arietis 1-9562
- Simon, T. *see* Fischer, J. 1-4955
- Simon, W. *see* Beig, R. 1-23061
- Simon, W. *see* Lanter, F. 1-53493
- Simon, Y. *see* Mathieu, P. 1-16124, 1-20492
- Simonds, R.M. Two-dimensional modulation transfer functions of image scanning systems 1-46233
- Simone, F. *see* Giaquinta, G. 1-42899
- Simonen, T.C. *see* Drake, R.P. 1-25041
- Simonenko, A.P. Turbulent flow of aqueous solutions of micelle-forming surface-active substances in gaps between coaxial cylinders 1-46731
- Simonenko, A.P. *see* Aslanov, P.V. 1-34021
- Simonenko, L.S. *see* Gabovich, M.D. 1-24962
- Simonet, R. *see* Rota, A. 1-14617
- Simonet, W. *see* Guerout, M. 1-7888
- Simonet, D.S. *see* Chang, A.T.C. 1-9153
- Simonet, D.S. *see* Estes, J.E. 1-35987
- Simonet, M. *see* Bianchi, R. 1-34189
- Simonet, M. *see* Casalone, G. 1-47379
- Simonet, M. *see* Gatti, C. 1-37141
- Simonet, M. *see* Gavezotti, A. 1-16185
- Simonet, M. *see* Gramaccioli, C.M. 1-47072
- Simonet, M. *see* Raimondi, M. 1-31836
- Simonet, M. *see* Tantarini, G.F. 1-8616
- Simonet, R. *see* Pellecchia, E. 1-50911
- Simoni, F. *see* Bartolino, R. 1-3360
- Simonin, J.M., Lopez, A. Theory of the Landau domain structure for thin samples 1-16415
- Simonin, S.P., Drake, A.D. A middle ear prosthesis 1-13353
- Simonis, F. *see* de Waal, H. 1-21920
- Simonis, V.C. *see* Kaniauskas, J.M. 1-19008
- Simonis, V.M. *see* Nemira, M.A. 1-29676
- Simoniuss, M., Hennek, R., Jacquemart, Ch., Lang, J., Haeblerli, W., Weddigen, Ch. Effects of transverse polarization components in parity tests with longitudinally polarized nucleons 1-24004
- Simonet, G. *see* Sharif, A. 1-27032
- Simonov, B.M., Pelipas, V.P., Balagurov, A.Ya., Zhuravlev, G.I., Petrov, V.N. Determination of moisture contents of thin films of MgF₂, ZnS and Na₂AlF₆ by means of infrared spectroscopy. [Interference coatings] 1-52414
- Simonov, G.A. *see* Senashenko, V.S. 1-41353
- Simonov, G.P. *see* Bakhrakh, S.M. 1-53231
- Simonov, I.V. Small steady perturbations behind the front of an oblique shock wave 1-37824
- Simonov, M.A., Egorov-Tismenko, Yu.K., Yamnova, M.A., Belokoneva, E.L., Belov, N.V. Crystal structure of natural monoclinic kurchatovite Ca₂(Mg₈₀Fe₁₀)₄(Mg₈₀Fe₁₀)₄(B₂O₇)₂ 1-25229
- Simonov, M.A. *see* Bondareva, O.S. 1-30197
- Simonov, M.A. *see* Egorov-Tismenko, Yu.K. 1-25228
- Simonov, M.A. *see* Misyul', S.V. 1-30196
- Simonov, V.D. *see* Briker, I.N. 1-28530
- Simonov, V.D. *see* Kalin'sh, D.O. 1-14646
- Simonov, V.I. *see* Andrianov, V.I. 1-2282
- Simonov, V.I. *see* Shatveyev, A.A. 1-30198
- Simonov, Yu.A. *see* Muzeyev, G.S., Botoshanskii, M.M., Yampol'skaya, M.A. Crystalline and molecular structure of the square cluster tetrakis- μ -methoxo- μ -acetato(0,0') copper (II) 1-20177
- Simonov, Yu.A., Tjon, J.A. Inelastic effects in classical field-theoretical models with confinement 1-28155
- Simonov, Yu.A. *see* Botoshanskii, M.M. 1-25249
- Simonov, Yu.A. *see* Dvorkin, A.A. 1-25255
- Simonova, L.I. *see* Berzin', Ya.Ya. 1-45453
- Simonova, T.S. Electrical conductivity of dilute disperse systems in a strong electric field 1-17112
- Simons, A.L., Varma, C.M., Weber, W. Anisotropy of the electron-phonon interaction in niobium 1-52503
- Simons, B. *see* Sharma, S.K. 1-30078
- Simons, D.G., Crowe, C.R., Brown, M.D., DeJarnette, H., Land, D.J., Brennan, J.G. Density determination and analysis of porous anodic aluminum surfaces using MeV ion beams 1-35419
- Simons, D.S., Schunicht, B.F., McHugh, J.A. Computer-controlled peak-top search procedure 1-28120
- Simons, H.A.B. *see* Ensell, G.J. 1-45780, 1-45781
- Simons, J. *see* Banerjee, A. 1-51092
- Simons, J. *see* Donnelly, R.A. 1-6182
- Simons, J.P. *see* Ashfold, M.N.R. 1-24113, 1-24230
- Simons, J.P. *see* Hennessy, R.J. 1-6296, 1-6356
- Simons, L.M. *see* Abela, R. 1-5628
- Simons, R.L. *see* Guthrie, G.L. 1-50982
- Simons, R.S. *see* Bruner, J.N. 1-32525
- Simons, S., Simpson, I.C., Williams, I.P. The formation of plum-pudding interstellar grains 1-40543
- Simonsen, R. Photomicrographic attachments: capabilities and limits 1-344
- Simonsohn, G., Wehrle, E. The double-slit experiment with single-photoelectron detection 1-5055
- Simonsen, D.P. *see* Arneson, S.O. 1-23768
- Simontseva, T.N. *see* Zhilyakov, S.M. 1-52780
- Simony, P.R. *see* McGuire, J.H. 1-15003
- Simonyan, R.G. *see* Abraamyan, Yu.A. 1-7715
- Simonyi, E.E. *see* Scott, B.A. 1-26392
- Simopoulos, S., Leonidou, D. On the effect of a moderator in the central region of a hollow fuel element 1-36997
- Simopoulou, E. *see* Allen, P. 1-14367, 1-36857
- Simopoulou, E. *see* Blitsch, J. 1-10190
- Simopoulou, E. *see* Grassler, H. 1-50414
- Simova, P., Petrov, M. Electrohydrodynamic instabilities in nematics with small positive anisotropy and smectic C order 1-30049
- Simozar, S. *see* Alonso, J.A. 1-38542
- Simpson, A.M. *see* Jericho, M.H. 1-25379
- Simpson, A.M. *see* Sezerman, O. 1-34494
- Simpson, B. Rocks and minerals 1-44735
- Simpson, C.F. *see* Greenway, A.M. 1-373
- Simpson, C.J.S.M. *see* Allen, D.C. 1-10705
- Simpson, C.J.S.M. *see* Chandler, E.T. 1-51274
- Simpson, C.T., Imano, W., Becker, W.M. Photoluminescence, optical absorption, and excitation spectra of cinnabar (α -HgS) 1-3481
- Simpson, D.C. *see* Hoist, P.A. 1-23256
- Simpson, D.W. *see* Kristy, M.J. 1-13405, 1-53991
- Simpson, E.M., Robbins, W.P. Magnetostrictive Fe-Si thin films for tunable SAW devices 1-7928
- Simpson, H.C., Rooney, D.H., Callander, T.M.S., Ng, K.C. Transient two phase flow in a forced circulation Freon test rig 1-28557
- Simpson, H.C., Rooney, D.H., Megahed, M. The upward flow of air between two waterfalls: an unusual choked flow problem 1-51850
- Simpson, I. *see* Palmer, M.H. 1-41406
- Simpson, I.C. *see* Simons, S. 1-40543
- Simpson, J. Downdrafts as linkages in dynamic cumulus seeding effects 1-4586
- Simpson, J.A., Bastian, T.S., Chenette, D.L., McKibben, R.B., Pyle, K.R. The trapped radiations of Saturn and their absorption by satellites and rings 1-40391
- Simpson, J.A. *see* Bastian, T.S. 1-40392
- Simpson, J.A. *see* Chenette, D.L. 1-40394
- Simpson, J.A. *see* Cooper, J.F. 1-40395
- Simpson, J.A. *see* McKibben, R.B. 1-40393
- Simpson, J.E., Britter, R.E. A laboratory model of an atmospheric mesofront 1-22459
- Simpson, J.H. *see* Allen, C.M. 1-35992
- Simpson, J.H. *see* Heimann, P.A. 1-51153
- Simpson, J.J. Measurement of the β -energy spectrum of ³H to determine the antineutrino mass 1-45470
- Simpson, J.J. *see* Dixon, W.R. 1-637
- Simpson, L.A. The critical propagation event for hydrogen-induced slow crack growth in Zr-2.5%Nb 1-43517
- Simpson, L.A., Wilkins, B.J.S. Prediction of fast fracture in Zr-2.5%Nb pressure tubes using elastic-plastic fracture mechanics 1-48517
- Simpson, M.A., Smith, T.F. Magnetic Grüneisen parameters of the Kondo systems CuFe, CuCr, and MoFe 1-42946
- Simpson, O.A., Bohlander, R.A., Gallagher, J.J., Perkwitz, S. Measurements of far-infrared water vapor absorption between lines with an optically pumped laser 1-10727
- Simpson, R.A., Fair, B.C., Howard, H.T. Microwave properties of solid CO₂ 1-22677
- Simpson, R.A., Tyler, G.L. Radar measurement of heterogeneous small-scale surface texture on Mars: Chryse 1-27408
- Simpson, W.H. *see* Roth, P.H. 1-13027
- Sims, D.J. *see* Moore, C.E. 1-1665
- Sims, G. *see* Amblard, M. 1-36990

- Sims, G.D., Gladman, D.G. Effect of test conditions on the fatigue strength of a glass-fibre laminate. II. Specimen condition 1-12861
- Sims, L.G. see Bernard, J.L. 1-17133
- Simunek, A. Gilat-Raubenheimer method for k-space integration 1-20601
- Simuni, L.M. Laminar motion due to rotation of a disk of finite radius 1-1992
- Simuni, L.M. see Monin, A.S. 1-22769
- Sin Fai Lam, L.T., Baylis, W.E. Relativistic effects in electron scattering by atoms. II. Comparison between treatments based on the Schrödinger non-relativistic and the Dirac relativistic equations 1-41493
- Sin-zhou Li see Li Sin-zhou
- Sinagra, E. see Barbaro, S. 1-9223
- Sinai, J.G., Vul, E.B. Discovery of closed orbits of dynamical systems with the use of computers 1-9930
- Sinai, J.G., Vul, E.B. Hyperbolicity conditions for the Lorenz model 1-50043
- Sinai, Ya.G. see Bunimovich, G.E. 1-40702
- Sinaiskii, B.N., Troyan, A.I., Filatov, V.M., Pogrebnyak, A.D. Fatigue resistance of welds of heat-resistant steels 1Kh2m and Kh18N9 1-31618
- Sinaiskii, B.N. see Ishchenko, I.I. 1-12868
- Sinani, A.B. see Bershtein, V.A. 1-3816
- Sinanoğlu, O. The solvophobic theory for the prediction of molecular conformations and biopolymer bindings in solutions with recent direct experimental tests 1-1072
- Sinapius, G., Raith, W., Wilson, W.G. Scattering of low-energy positrons from noble-gas atoms 1-6386
- Sinchenko, N.M. see Maksimovich, G.E. 1-3861
- Sinclair, A.J., Tessari, O.J., Harakal, J.E. Age of Ag-Pb-Zn mineralization, Keno Hill-Galena Hill area, Yukon Territory 1-35953
- Sinclair, A.N., Lee, J.C. A semi-analytical model for solving the Wigner-Williams equation 1-10407
- Sinclair, A.N., Lee, J.C. A simplified model for calculation of few group constants for LWR lattices 1-50866
- Sinclair, A.T. see Davies, M.E. 1-4797
- Sinclair, D. see Ammosov, V.V. 1-40980
- Sinclair, D. see Efremenko, V.I. 1-33173
- Sinclair, D. see Godwin, N.S. 1-33212
- Sinclair, D. see Proudfoot, G. 1-717
- Sinclair, D.A., Ash, E.A. Bond integrity evaluation using transmission scanning acoustic microscopy 1-21652
- Sinclair, D.A. see Durr, W. 1-6729
- Sinclair, D.C. Optical design using small dedicated computers 1-46504
- Sinclair, D.K. see Kogut, J.B. 1-23428, 1-36579
- Sinclair, I.P.W., Forsyth, P.A. Radio-auroral scattering at two closely spaced frequencies 1-9311
- Sinclair, J.E., Bhattacharya, G. Interaction effects in marine seismic source arrays 1-4439
- Sinclair, J.H. see Jones, D.H.P. 1-44438
- Sinclair, J.H. see Chamis, C.C. 1-39561
- Sinclair, M.R. Convective activity in the Wright Valley, Antarctica 1-17679
- Sinclair, M.W. see Iwasa, Y. 1-53627
- Sinclair, R. see Michal, G.M. 1-38213
- Sinclair, R.N., Desa, J.A.E., Etherington, G., Johnson, P.A.V., Wright, A.C. Neutron diffraction studies of amorphous solids 1-30069
- Sinclair, R.N. see Galeener, F.L. 1-31139
- Sinclair, R.S., Sloper, R.W., Truscott, T.G. A laser flash photolysis study of bilirubin 1-35827
- Sinclair, S.H. see Riva, C.E. 1-39978
- Sinclair, T.J. see Karunathilaka, S.A.G.R. 1-13115, 1-35636
- Sinclair, T.J. see Kelly, T. 1-53320
- Sinclair, W., McLaughlin, G.M., Ringwood, A.E. The structure and chemistry of a barium titanate hollandite-type phase 1-30149
- Sindeev, Yu.G., Gabai, E.Ya. Anomalies in Raman light-scattering spectra due to order-disorder phase transitions in ferroelectric materials 1-52956
- Sindeev, Yu.G. see Skulski, R. 1-26144
- Sindoni, O.I. see Borghese, F. 1-27798
- Sindorf, D.W. see Maciel, G.E. 1-53483
- Sinel'nikov, B.Ya. see Zavadskii, E.A. 1-45095
- Sinencio, F.S. see Pena, J.L. 1-20253
- Sinenko, V.M. see Kalitkin, N.N. 1-51813
- Sinervo, P. see Ushida, N. 1-546
- Sinev, N.B. see Ablev, V.G. 1-18507
- Singal, A.K. see Joshi, M.N. 1-32632
- Singal, C.M. Optimum cell size for concentrated-sunlight silicon solar cells 1-48845
- Singal, S.P., Aggarwal, S.K., Gera, B.S. Sodar detection of fog 1-4576
- Singal, S.P. see Aggarwal, S.K. 1-9198
- Singaria, T.V. see Marekovic, O.S. 1-23130
- Singh, D.J. see Hutchison, C.A., Jr. 1-43854
- Singer, A.H., Holm, R.T. Absorption of reflected substrate modes in Ti:LiNbO₃ waveguide systems 1-41890
- Singer, A.R.E., Roche, A.D., Day, L. Atomization of liquid metals using twin roller technique 1-3648
- Singer, B.S. see Tzanos, C.P. 1-50722
- Singer, H., Peschel, I. Influence of interactions on the hopping conductivity of classical particles 1-11896
- Singer, I.L., Bolster, R.N., Carosella, C.A. Abrasive wear resistance of titanium- and nitrogen-implanted 52100 steel surfaces 1-31684
- Singer, I.L., Munday, S., Rayner, H., Hirvonen, J.-K., Jarvis, N.L. New opportunities in tribology 1-35396
- Singer, J.J. see Atkinson, L.P. 1-13464
- Singer, J.V.L. see Detyne, E. 1-11653
- Singer, K. see Detyne, E. 1-11653
- Singer, K. see Murthy, C.S. 1-2576, 1-37294
- Singer, P. see Lifshitz, M. 1-10346
- Singer, R. see Derrick, M. 1-45261
- Singer, R.F., Blum, W., Nix, W.D. The influence of second phase particles on the free dislocation density during creep of stainless steel 1-3853
- Singer, R.F., Oliver, W.C., Nix, W.D. Identification of dispersed oxide phases created in aluminum during mechanical alloying 1-26482
- Singer, R.M., Betten, P.R., Dean, E.M., Gillette, J.L., Mohr, D., Sullivan, J.E., Tokar, J.V. Studies of thermal-hydraulic phenomena in EBR-11 1-23730
- Singer, R.M. see Gillette, J.L. 1-36993
- Singer, S. Ball lightning—the persistent enigma 1-9216
- Singer, V.V. see Khimmatkulov, F. 1-12257
- Singer, W. see Kuhnle, A. 1-47838
- Singers, W.A. see McGavin, D.G. 1-16474
- Singh, A. RF sputtered molybdenum films 1-30847
- Singh, A. Low-vacuum deposited Nichrome-aluminum films 1-43264
- Singh, A., Shrivastava, K.N. Correction to the breakdown of the long-wavelength approximation and characteristic temperatures in impurity ion paramagnetic resonance 1-3247
- Singh, A. see Singh, G. 1-19607
- Singh, A.J. A new design for water cooled Czochralski seed holder 1-53082
- Singh, A.K. Volume compression of cerium up to 4 GPa 1-7254
- Singh, A.K. see Srinivasan, C. 1-53394
- Singh, B. see Acharya, V.B. 1-47112
- Singh, B. see Jain, S.K. 1-17722
- Singh, B. see Vook, R.W. 1-47349
- Singh, B.D. see Misra, K.D. 1-17740
- Singh, B.F. see Agarwal, A.K. 1-13730
- Singh, B.K., Mitra, R.N. Variation of contact resistance of electroless Ni-P on silicon with the change of phosphorus concentration in the deposit 1-30821
- Singh, B.M., Dhaliwal, R.S., Rokne, J.G. Diffraction of antiparallel shear waves by a Griffith crack or a rigid strip lying at the interface of homogeneous and nonhomogeneous elastic half-spaces 1-6808
- Singh, B.M. see Rokne, J. 1-19645
- Singh, B.P. Geomagnetic sounding of conductivity anomalies in the lower crust and uppermost mantle 1-22204
- Singh, B.P. see Agarwal, A.K. 1-27308
- Singh, B.P. see Kumar, B. 1-37048
- Singh, B.R. see Srivastava, S. 1-12192
- Singh, C.P., Kanwar, S., Khanna, M.P. Magnetic moments of b-quark and t-quark hadrons in quark model with broken internal SU(6) symmetry 1-45285
- Singh, C.P., Khanna, M.P. Masses of heavy hadrons in quark model 1-50374
- Singh, C.P. see Prasad, R. 1-23514
- Singh, D. Relaxation of perturbed turbulent boundary layer behind a backward facing step: turbulent parameters 1-19685
- Singh, D., Bisht, J.S., Madhvanath, U. Calculated depth dose distribution for heavy water moderated fission neutrons 1-18900
- Singh, D. see Marathe, P.K. 1-14703
- Singh, D. see Massad, O.P. 1-18987
- Singh, D.D., Gupta, H.K. Source dynamics of two great earthquakes of the Indian subcontinent: the Bihar-Nepal earthquake of January 15, 1934 and the Quetta earthquake of May 30, 1935 1-22228
- Singh, D.D., Rastogi, B.K. Source-mechanism of the Burma-India border earthquake of October 17, 1969 1-4460
- Singh, D.P., Birbal Singh. Effect of lower ionosphere on the propagation of VLF waves at low latitudes 1-13629
- Singh, D.V. see Verma, P.D.S. 1-1955
- Singh, G., Prasad, G. Relativistic electromagnetic fluids and time-like FCRC mappings. I 1-19837
- Singh, G., Singh, A. Wave propagation in a linear random non-homogeneous viscoelastic semi-infinite rod 1-19607
- Singh, G. see Daftari, I.K. 1-45370
- Singh, G. see Henshall, J.L. 1-39455
- Singh, G. see Sharma, M.P. 1-8683
- Singh, G. see Singh, K.P. 1-5179
- Singh, G.P. see Rose, J.L. 1-6744
- Singh, H. Engineering systems of the creep testing laboratory 1-8495
- Singh, H. see Brar, A.S. 1-52879
- Singh, H.B., Copley, S.M., Bass, M. Fatigue resistance of laser heat-treated 1045 carbon steel 1-48490
- Singh, H.B. see Vizeze, W. 1-17654
- Singh, H.C. see Srivastava, K.K.P. 1-3287
- Singh, H.N. see Ram, R. 1-11478
- Singh, H.P. see Langer, D.W. 1-16373
- Singh, I. see Sharma, H.V. 1-52529
- Singh, I.D., Sarowha, S.L.S. Infrared studies of 3-fluoro, 6-bromo-toluene and 4-fluoro, 3-bromo-toluene 1-16557
- Singh, I.D. see Srivastava, S.P. 1-3376
- Singh, J. Formation of a complex charge carrier due to the interaction between a free Frenkel exciton and excess electron in molecular crystals 1-47496
- Singh, J. Line shape of the low-energy tail of exciton absorption in molecular crystals 1-47499
- Singh, J., Ram, R.S. Thermal emission spectra of SrCl molecule 1-45977
- Singh, J. see Cohen, M.H. 1-42724, 1-52473
- Singh, J. see Singh, R. 1-47846, 1-52759
- Singh, J.B. see Verma, B.G. 1-6871, 1-19751, 1-36391
- Singh, J.P., Hasselman, D.P.H., Su, W.M., Rubin, J.A., Palicka, R. Observations on the nature of micro-cracking in brittle composites 1-39427
- Singh, J.P., Thomas, J.R., Jr., Hasselman, D.P.H. Thermal stresses in a partially absorbing flat plate symmetrically heated by thermal radiation and cooled by convection 1-37789
- Singh, J.P. see Satyamurthy, K. 1-2714, 1-37766
- Singh, J.P. see Shanker, J. 1-2554
- Singh, K., Mallick, A.K. Natural frequencies of beam-type structures on equi-spaced identical supports 1-29600
- Singh, K. see Devi, M. 1-41605
- Singh, K. see Gupta, K.K. 1-46225
- Singh, K. see Shanker, J. 1-42449
- Singh, K. see Singh, R.P. 1-13634
- Singh, K. see Verma, P.D.S. 1-1955
- Singh, K.P., Singh, G. Symmetry properties of certain gravitational space-times 1-5179
- Singh, L.P. Electromagnetic mass splittings of b-flavored mesons in MIT bag model 1-14382
- Singh, M. Pseudopotential determination of the temperature dependence of the electrical resistivity and the thermopower in Cu-Sn alloy 1-30711
- Singh, M. Helium-neon laser screening of human body 1-43940
- Singh, M., Rajvanshi, S.C. Heat transfer between eccentric rotating cylinders 1-24801
- Singh, M., Singh, S. Holographic cylindrical grating for cosmic X-ray and XUV spectroscopy in grazing incidence 1-13688
- Singh, M., Singh, S. Holographic cylindrical grating for EUV spectroscopy in near normal incidence 1-37597
- Singh, M. see Malik, S.K. 1-19731
- Singh, M. see Misra, S.N. 1-51197
- Singh, M. see Periasamy, A. 1-8968
- Singh, M. Dhaneshwar see Dhaneshwar Singh, M.
- Singh, M.P., Mathili Sharan, Khetarpal, K. A theoretical model for studying the rate of oxygenation of blood in pulmonary capillaries 1-4242
- Singh, M.P., Sinha, P.C., Aggarwal, M. Swirling flow in a straight circular pipe 1-42059
- Singh, M.P. see Lee, J. 1-33848
- Singh, M.S., Gaines, J.L., Parlagreco, J.R. Local energy transfer to TLDs by neutrons and photons 1-946
- Singh, M.S. see Crase, K.W. 1-6026
- Singh, N., Mahajan, S., Prakash, S. Activation energy of a proton in αZr 1-52348
- Singh, N., Sinha, S.K. Quantum corrections to thermodynamic properties of a mixture of hard sphere and square well molecules 1-20039
- Singh, N., Thiemann, H. Some features of inverted-V events as seen from simulated double layers 1-22607
- Singh, N. see Sooch, S.S. 1-14460
- Singh, N. Bahadur see Bahadur Singh, N.
- Singh, N.I. see Yadava, R.D.S. 1-7214, 1-7215
- Singh, N. Iboi see Iboi Singh, N.
- Singh, N.P. see Linsalata, P. 1-53715
- Singh, O. see Curzon, A.E. 1-42871
- Singh, O.M., Joshi, A.W. Effective potential for water vapour 1-29821
- Singh, P., Singh, R., Gale, R., Rajeshwar, K., DuBow, J. Surface charge and specific ion adsorption effects in photoelectrochemical devices 1-42858
- Singh, P., Srivastava, K.K., Verma, R.L. Thermodynamic method to two dimensional stagnation flow and heat transfer 1-29669
- Singh, P.K., Prasad, S., Mehra, R.M., Kishan, P., Singh, S.B., Srivastava, G.P. A study of the effective line width in lithium ferrites using magneto microwave Kerr effect 1-26177
- Singh, P.P., Pal, R.B., Srivastava, A.K. Synthesis and properties of CuHg(NCX), (X=S, Se) and their complexes and application of the softness parameter in the elucidation of their structure 1-8565
- Singh, P.P. see Jastrzebski, J. 1-10384

- Singh, P.P. *see* Meyer, H.O. 1-41096
Singh, P.P. *see* Nadasen, A. 1-45507
Singh, P.Rajmani *see* Rajmani Singh, P.
Singh, R. Short circuit current in indium tin oxide/silicon solar cells 1-8707
Singh, R., Banerjee, A.K. On the formation, structure and decay of a monsoon cyclonic storm near Delhi—a case study 1-22436
Singh, R., Chaudhuri, K.D. Effect of strain content on the ultrasonic attenuation in the intermediate state of type I superconductors 1-34828
Singh, R., Datt, S.C. Effect of physical aging on electrical properties of polystyrene 1-21113
Singh, R., Eberhard, A.A., Stokstad, R.G. Fluctuations in $^{12}\text{C}(^{16}\text{O},\alpha)^{24}\text{Mg}$ and $^{12}\text{C}(^{16}\text{O},\text{Be})^{30}\text{Ne}$ reactions 1-14492
Singh, R., Leslie, J.D. Economic requirements for new materials for solar photovoltaic cells 1-8726
Singh, R., Prakash, S., Singh, J. Dynamical spin susceptibility of 3d, 4d, and 5d transition metals 1-47846
Singh, R., Prakash, S., Singh, J. Temperature dependence of dynamical spin susceptibility of transition metals 1-52759
Singh, R., Sreenivas Rao, R.S. Synthesis and characterization of divalent manganese, cobalt, nickel, copper and zinc complexes with nicotinic acid 1-48072
Singh, R. *see* Ahmad, S. 1-39036
Singh, R. *see* Ahuja, I.S. 1-10717, 1-19091
Singh, R. *see* Genuis, A.P. 1-43780
Singh, R. *see* Konnerth, D. 1-18665
Singh, R. *see* Singh, P. 1-42858
Singh, R. *see* Smith, P. 1-26832
Singh, R.D., Shaikat, A. Tetragonal distortion induced valence band splitting in I-III-VI₂ chalcopyrites 1-47587
Singh, R.D. *see* Ladik, J. 1-47778
Singh, R.K. An objective method for forecasting thunderstorm over Dundigal airfield and neighbourhood in the pre-monsoon season 1-22536
Singh, R.K., Gupta, H.N., Sanyal, S.P. Lattice dynamics of thallous chloride 1-34435
Singh, R.K., Khare, P. Study of cohesion and allied properties of silver halide crystals 1-42337
Singh, R.K., Tiwari, S. An interionic potential model for crystal properties of alkali hydrides 1-7125
Singh, R.K. *see* Nirwal, V.V.S. 1-47188
Singh, R.M., Singh, R.P., Singh, Y. On the behavior of the short-range pair correlation function in a mixture of two-component plasma 1-17761
Singh, R.N. Free energy and heat of mixing of alloys 1-42540
Singh, R.N., Mathur, S.S., Kandpal, T.C. Design stage ray-optical assessments of a composite parabolic trough 1-19402
Singh, R.N., Singhal, A.K. Formation of laser speckles under extra-axial aberrations 1-10924
Singh, R.N., Singhal, A.K. An application of white light multi-exposure speckle photography 1-19269
Singh, R.N. *see* de Haan, P.H. 1-37038
Singh, R.N. *see* Kandpal, T.C. 1-39736
Singh, R.N. *see* Sim, J.W. 1-4172
Singh, R.P., Lal, T. Wavetilt characteristics of EM waves over a homogeneous Earth model 1-13596
Singh, R.P., Singh, K., Das, I.M.L. Energy transport by gravity wave 1-13634
Singh, R.P., Yussouff, M. Dielectric function, static screening, and non-linear response 1-16244
Singh, R.P. *see* Das, I.M.L. 1-49447
Singh, R.P. *see* Eapen, K. 1-34605
Singh, R.P. *see* Majumdar, S. 1-51822
Singh, R.P. *see* Singh, R.M. 1-17761
Singh, R. Pratap *see* Pratap Singh, R.
Singh, R.S., Ram, R. Propagation of a pressure shock in an optically thick medium 1-6870
Singh, R.V. *see* Sharma, R.K. 1-21713
Singh, S. Optical holography and its applications 1-24370
Singh, S. Quantum statistical theory of the ring laser 1-46398
Singh, S., Goyal, D.P., Mozumder, A., Sengupta, P.K. Energy estimation of photons in nuclear emulsions 1-28797
Singh, S., Luck, W.A.P. Effect of hydrogen bonding of infrared band intensities of fundamental and overtone transitions: a proposed explanation 1-45948
Singh, S., Panwar, O.S., Srivastava, K.K., Lakshminarayan, K.N. Photoconductivity of amorphous As-Ge-Te films 1-52603
Singh, S., Verma, G.S. Low-temperature magneto-phonon conductivity of lightly doped Si 1-34527
Singh, S. *see* Arya, N.S. 1-33205
Singh, S. *see* Behari, J. 1-32108
Singh, S. *see* Desai, B.B. 1-5367
Singh, S. *see* Dey, B. 1-38477
Singh, S. *see* Hasek, C.S. 1-15329
Singh, S. *see* Kumar, V. 1-33207
Singh, S. *see* Murty, T. 1-11262
Singh, S. *see* Sengupta, P.K. 1-45365
Singh, S. *see* Shukla, P. 1-42963, 1-47897
Singh, S. *see* Singh, M. 1-13688, 1-37597
Singh, S.B. *see* Singh, P.K. 1-26177
Singh, S.K., Bazan, E., Esteve, L. Expected earthquake magnitude from a fault 1-22237
Singh, S.K., Heyne, C.J., Hackworth, D.T., Janocko, M.A., Eckels, P.W., Murphy, J.H. Design of a 400-kJ pulsed energy storage coil 1-48927
Singh, S.K., Khan, S.A. $\nu(\bar{\nu}) + d \rightarrow \nu(\bar{\nu}) + n + p$ at intermediate energies 1-50590
Singh, S.K., Murphy, J.H., Janocko, M.A., Haller, H.E., Litz, D.C., Eckels, P.W., Rogers, J.D., Thullen, P. Conceptual design of a 20-MJ superconducting forced-cooled ohmic-heating coil 1-48929
Singh, S.K. *see* Vargas, C.A. 1-9109
Singh, S.N. *see* Dennis, S.C.R. 1-29702
Singh, S.P., Kushwaha, S.S. Effect of dielectric functions on calculation of lattice dynamics of hexagonal metal 1-25384
Singh, S.P., Weil, S.A., Babu, S.P. Thermodynamic analysis of coal gasification processes 1-17147
Singh, S.P. *see* Thakur, M.L. 1-47616
Singh, T., Rai, L.N. On stationary axially symmetric Einstein-Maxwell scalar and Brans-Dicke-Maxwell fields 1-50003
Singh, T., Yadav, R.B.S. Newtonian analogue of force and relativistic drag on a free particle in the gravitational field of a combined Kerr-NUT field 1-9889
Singh, T., Yadav, R.B.S. An anisotropic magneto-hydrodynamic Universe in general relativity 1-13889
Singh, T.P. *see* Joshi, M.S. 1-30178
Singh, U. *see* Sodha, M.S. 1-17242
Singh, U.Chandra *see* Chandra Singh, U.
Singh, V. *see* Yadava, R.D.S. 1-7214
Singh, V.A., Roth, L.M. Multiple-scattering approach to the electronic structure of amorphous and liquid metals 1-20611
Singh, V.A. *see* Inomata, A. 1-18072
Singh, V.A. *see* Roth, L.M. 1-30695
Singh, V.P., Madan, A.K., Suneja, H.R., Chand, D. Propagation of spherical shock waves in water 1-37965
Singh, V.P. *see* Yadav, J.S. 1-23945
Singh, Y. *see* Singh, R.M. 1-17761
Singh, Y.P. Quenching in a system of coupled van der Pol oscillators 1-23003
Singh Avtar *see* Avtar Singh
Singh Birbal *see* Birbal Singh
Singh Gian *see* Gian Singh
Singh Gurdarshan *see* Gurdarshan Singh
Singh Hari *see* Hari Singh
Singh Jagadish *see* Jagadish Singh
Singh Khalsa, S.J. Surface-layer intermittency investigated with conditional sampling 1-27219
Singh Nagendra *see* Nagendra Singh
Singh Om Pal *see* Om Pal Singh
Singh Prabhat *see* Prabhat Singh
Singh Prakash Chandra *see* Prakash Chandra Singh
Singh Ramadhar *see* Ramadhar Singh
Singh Rathore, J. The magnetic fabrics of some slates from the Borrowdale volcanic group in the English Lake District and their correlations with strains 1-13453
Singh Surendra *see* Surendra Singh
Singh Vir *see* Vir Singh
Singh-Sidhu, J. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
Singhal, A.K., Spalding, D.B. Predictions of two-dimensional boundary layers with the aid of the k - ϵ model of turbulence 1-51755
Singhal, A.K. *see* Singh, R.N. 1-10924, 1-19269
Singhal, N.C. *see* Johnson, N.R. 1-18599
Singhvi, A.K. *see* Devgan, D.P. 1-18221
Singletary, N.J. *see* Fox, M.A. 1-8732
Singleton, B. *see* Woodruff, H.B. 1-53505
Singru, R.M. *see* Tewari, S. 1-38717
Singwi, K.S., Tosi, M.P. Simple considerations on the surface tension and the critical temperature of the electron-hole liquids 1-47513
Sinha, A.B., Abraham, J., Srivastava, B.C. Sterility induced by ultra violet radiation in *Fimbraria pathankotensis* 1-49076
Sinha, A.I.P. *see* Garg, K.B. 1-26303
Sinha, A.K. *see* Biswas, M. 1-28819
Sinha, A.K. *see* Murarka, S.P. 1-34798
Sinha, A.K. *see* Vaidya, S. 1-34502
Sinha, A.P.B. *see* Bharti, S. 1-12433
Sinha, A.P.B. *see* Kale, M. 1-25748
Sinha, A.P.B. *see* Potdar, H.S. 1-53668
Sinha, B. The two-body dissipation in second-order perturbation 1-50622
Sinha, B.K., Gopi, N. Study of X-ray emissions from a copper plasma produced by a laser 1-2242
Sinha, B.K., Gopi, N. Performance analysis of a dye-switched ruby laser under the step function Q-switch model 1-41709
Sinha, B.K., Tiersten, H.F. On the temperature dependence of the velocity of surface waves in quartz 1-7445
Sinha, B.P., Macphie, R.H. Translational addition theorems for spherical scalar and vector wave functions 1-18047
Sinha, D. *see* Rothe, E.W. 1-41439
Sinha, D.P., Prasad, K.N. An X-ray diffraction study of 3-phenyl indanone-1 1-47067
Sinha, D.P., Prasad, K.N. An X-ray diffraction study of ω -bromo 2-acetonaphthalene 1-47068
Sinha, H.P. *see* Sharma, A.K. 1-42484
Sinha, H.S.S., Kasture, S.V., Satyan, V., Pandya, R.M., Solanki, P.A. Aircraft measurements of SST using IR-radiometer and temperature corrections due to atmospheric effects [see surface temperature] 1-42408
Sinha, H.S.S. *see* Keshavamurty, R.N. 1-49371
Sinha, K.P. Superconductivity (phenomenon) 1-52690
Sinha, M.P. *see* Mukherjee, D. 1-2063
Sinha, M.P. *see* Pal, A. 1-50133
Sinha, N. *see* Bhattacharya, S.K. 1-22741
Sinha, P.C. *see* Singh, M.P. 1-42059
Sinha, R.K., Blachere, J.R. Particle size dependence of threshold stress in diffusive creep 1-31545
Sinha, R.K. *see* Mukherjee, M.L. 1-26287
Sinha, R.P. *see* Blitz, L. 1-49819
Sinha, R.P. *see* Thompson, A.R. 1-9483
Sinha, S., Khade, V.V. Some characteristics of the PBL over the ocean during the Indian summer monsoon 1-27225
Sinha, S.K. Phonons in transition metals 1-42492
Sinha, S.K., Lander, G.H., Shapiro, S.M., Vogt, O. Magnetic phase transition near a Lifshitz point: a neutron study of UAs 1-3195
Sinha, S.K., Lander, G.H., Shapiro, S.M., Vogt, O. Studies of the phase transitions in UAs by neutron scattering 1-47883
Sinha, S.K. *see* Singh, N. 1-20039
Sinha, S.K. *see* Sodha, M.S. 1-19899
Sinha, S.P. Systematization of the properties of the actinides using inclined W systematics 1-47040
Sinha, V.K., Khanna, K.M. Cryogenic steels 1-53191
Sinha Roy, M.N., Dodd, L.R. Three-body perturbative estimates of the energy shift in the π -d atom 1-19216
Sinharoy, S., Manocha, A.S., Ryan, F.M. Surface stability studies on some CRT phosphors 1-47337
Sinhasan, R. *see* Aggarwal, K.R. 1-41968
Siniarski, M. Waveguide radiation modulators within visible and near-infrared range 1-1685
Siniil, I.G., Prokhorova, S.D., Kuz'minov, E.G., Mikvabiya, V.D., Polkhovskaya, T.M. Soft modes and acoustic phonons in rare-earth molybdates 1-8049
Siniil, I.G. *see* Smolenskii, G.A. 1-8048, 1-8050
Sinis, V.P. *see* Dementienko, V.V. 1-1615
Sinis, V.P. *see* Petrov, A.V. 1-20804
Sinitschuk, I.K. *see* Glushko, E.Ya. 1-42720
Sinitsin, L.N. The C₂H₂ absorption spectrum in the Nd laser range 1-37193
Sinitsa, V.V. *see* Koschchev, V.N. 1-5826
Sinitschkina, J.A. *see* Bartenew, G.M. 1-16892
Sinitin, Yu.A. *see* Bass, F.G. 1-24965
Sinityn, B.D. *see* Melodie, E.A. 1-11445, 1-15528
Sinityn, B.V. *see* Antipenko, B.M. 1-6560, 1-51493
Sinityn, N.V. *see* Evdokimov, M.A. 1-18204
Sinityn, V.A. *see* Kashaev, Yu.G. 1-31805
Sinivee, V. NMR of spin 1/2 and the group GL (4, R) 1-31043
Sinivee, V. Analysis of the Bloch master equation 1-49988
Sink, M.L., Bandrauk, A.D., Lefebvre, R. Theoretical analysis of the predissociation of the A² Σ^+ state of OH 1-24201
Sink, M.L. *see* Bandrauk, A.D. 1-46040
Sinkovitch, A.V. *see* Kleitsov, P.V. 1-30201
Sinkovitch, O.A. *see* Artemov, V.I. 1-15608
Sinkkonen, J. DC conductivity of a random barrier network 1-30738
Sinkkonen, J. AC properties of a random barrier network 1-42775
Sinkkonen, J., Eranen, S., Stubb, T. Conduction electron spin polarization in magnetic semiconductors 1-47890
Sinkkonen, J. *see* Kaski, K. 1-3350
Sin'kov, V.V. *see* Volkov, N.G. 1-41270
Sinnasse, C. *see* Brodin, J. 1-15372
Sinner, H.-D. *see* Thronbergs, W. 1-34288
Sinnerstad, U. A study of main sequence early type stars 1-49662
Sinning, H.-R., Haasen, P. The fatigue behaviour of spinodally decomposed Cu-4 at.% Ti single crystals 1-48501
Sinnis, J. *see* Owens, D.K. 1-25073
Sinnis, J. *see* Yamada, M. 1-46916
Sinnio, K., Kan, M. Ionospheric scintillation and fluctuation of Faraday rotation caused by spread-F and sporadic-E over Kokubunji, Japan 1-27339
Sinnio, K. *see* Awaka, J. 1-17726
Sinnio, K. *see* Nishimuta, I. 1-4702
Sinoeva, K.N. Sound transmission across liquid He-metal interface 1-30542
Sinram, D. *see* Krebs, B. 1-34308

- Sinram, K. see Barber, D.P. 1-534, 1-28309
 Sinsel, F. see Mullaney, P.F. 1-35862
 Sinton, S., Pines, A. Study of liquid crystal conformation by multiple quantum NMR: n-pentyl cyanobiphenyl 1-28993
 Sinton, W.M. Io: are vapor explosions responsible for the 5- μ m outbursts? 1-4815
 Sintsov, V.N. see Miroshnikov, M.M. 1-8958
 Sintsov, V.N. see Sergeev, P.A. 1-15098
 Sinyayeva, E.V. see Gorbachev, V.I. 1-35485
 Sinyani, M., Greenfield, A.J., Bergmann, A., Kaveh, M., Wiser, N. Effect of annealing on the temperature dependence of the electrical resistivity of aluminium 1-34674
 Sinyhal, H. see Nair, N.G.K. 1-53526
 Sinyakov, E.V., Katkov, V.F., Osetskii, Yu.G. Dielectric properties of $\text{Bi}_2\text{Te}_3\text{O}_{12}$ 1-39021
 Sinyakov, E.V., Kreicherek, A.Ya. Pulsed polarization switching in single crystals of $\text{Pb}_3(\text{Ge}_{1-x}\text{Si}_x)_2\text{O}_{11}$ solid solutions 1-31106
 Sinyakov, E.V. see Vagin, S.V. 1-7244
 Sinyakov, I.N. see Vergazov, A.N. 1-26543
 Sinyar, G.B. see Moiseev, G.K. 1-31445
 Sinyavskii, D.P., Gopkalo, A.P. Thermal fatigue of chromium-molybdenum steels used in sintering machine and roasting furnace components 1-8433
 Sinyavskii, V.I. see Bashkurov, Sh.Sh. 1-20958
 Sinyavskii, V.V. A graphicoanalytical method for determining the length of elements along the height of a multielement thermoelectric assembly 1-28525
 Sinyukov, M.P. see Ovsyn, N.N. 1-3369
 Sinzelle, J. see Farrag, A. 1-6179
 Sinzelle, J. see Gerstenkorn, S. 1-19107
 Sinzi, A.M. see Aoki, S. 1-44447
 Siohan, F. see Simon, M. 1-9338
 Sioli, G., Spaziant, P.M. Design of electrolytic cells for the production of large hydrogen quantities at medium pressure 1-39846
 Sioli, G., Spaziant, P.M. Design and construction of a solid electrolyte electrolyzer for the production of hydrogen using Nafion-type membranes 1-43822
 Sioudi, M. see Dennis, R.B. 1-29028
 Sipe, J.E. Bulk-selvedge coupling theory for the optical properties of surfaces 1-8032
 Sipla, H., Vanha-Honko, V., Bergqvist, J. Mathematical treatment of space charge effects in proportional counters 1-14767
 Sipkin, S.A., Jordan, T.H. Regional variation of Q_{ES} 1-27071
 Siplyi, B.N., Tolmach, I.M. Calculation of two-dimensional electromagnetic fields in channels of induction MHD machines with an open magnetic duct for finite Re_m numbers. II 1-19986
 Sipman, R.H. see Klein, M.B. 1-41824
 Sips, L. see Decharge, J. 1-28369
 Sipyagin, V.V. see Chernov, A.A. 1-38316
 Siqueira, M.L. de see de Siqueira, M.L.
 Siqueiros, J.M. see Roychoudhuri, C. 1-40864
 Sira, T. see Abilock, H. 1-39719
 Sira, T. see Ek, A. 1-35628
 Sirakov, E. Dynamics of moist nonadiabatic thermals above condensation level 1-32491
 Sirakov, E.D. see Godev, N.G. 1-32527
 Sirand-Rey, G. see Travot, G. 1-290
 Siratori, K. see Inazumi, M. 1-47982
 Sircar, R., Mishra, S.C., Gupta, R.C. Study of molecular reorientation in phenothiazine by PMR 1-11700
 Sircar, S.C. see Ananth, V. 1-3985
 Sirdeshmukh, D.B. see Rao, B.K. 1-38558
 Sirdeshmukh, D.B. see Nagaiah, B. 1-20345
 Sirdeshmukh, D.B. see Subhadra, K.G. 1-47203
 Siren, J.C., Rosenberg, T.J., Detrick, D., Lanzetta, L.J. Conjugate observation of electron microburst groups by Bremsstrahlung X-ray and riometer techniques 1-40256
 Sirenko, V.A. see Dotsenko, V.I. 1-42879
 Sirenko, Yu.K. see Masalov, S.A. 1-33606
 Siriani, A.F. see Calvert, L.D. 1-3449
 Sirigu, F. see Serra, A. 1-4262, 1-4278
 Sirin, V.M. see Dakhno, L.G. 1-40995
 Sirs, R.A. see Emel'yanov, A.V. 1-51644
 Sirin, A. see Marciano, W.J. 1-36865, 1-45178
 Sirobaba, E.Ya. see Zolot'ko, A.S. 1-35067
 Siroh, R.S. see Sethuraman, J. 1-1491
 Siromyatnikov, V.G. see Bulkin, A.P. 1-23918
 Sirota, A.I., Kheibstov, N.G. Optical mechanisms of electrophotical phenomena in disperse systems. Modulation of light in a II field 1-29213
 Sirota, A.I., Kheibstov, N.G. Optical mechanisms of electrophotical phenomena in disperse systems. Attention of light by an arbitrarily oriented spheroid 1-33619
 Sirota, A.M., Sheinin, R.A., Belyaikina, L.G. An experimental investigation of the electrical conductivity of boron-containing solutions at high temperatures and pressures 1-36991
 Sirota, L.A. see Deinega, Yu.F. 1-17063
 Sirota, M.I. see Ksenofontova, S.S. 1-7045
 Sirota, N.N., Kofman, N.A. Polymorphic α - β transformation of boron nitride 1-2621
 Sirota, N.N., Petrashko, V.V., Semenenko, Yu.A. Influence of a strong magnetic field on the thermal EMF of a Chromel-Copel thermocouple 1-44928
 Sirota, N.N., Yarusnichev, V.P., Bodnar', I.T. Temperature dependence of the refractive index of lithium niobate with the addition of ions of the transition elements 1-12469
 Sirotenko, V.I. see Afremenko, V.I. 1-33173
 Sirotti, P. Introduction to coherent optical computing 1-51405
 Sirugue, M. see Combe, P. 1-5137
 Sirugue, M. see Combe, Ph. 1-5464
 Sirugue-Collin, M. see Combe, Ph. 1-5464
 Sirutkaitis, V. see Bareika, B. 1-51496, 1-51561
 Sirutkaitis, V. see Burneika, K. 1-41758
 Sirutkaitis, V. see Dikchys, G. 1-1579
 Sirvaitis, A. see Purlys, R. 1-11834
 Sirvaitis, A.J. see Jakimavicius, J.A. 1-42822
 Siry, B.W. Air-lubricated thermal processor for dry silver film 1-45051
 Sisakyan, A.N. see Abesalashvili, L.N. 1-10273, 1-18526
 Sisakyan, E.V. see Karlov, N.V. 1-33048
 Sisakyan, I.N. see Bulatov, E.D. 1-33065
 Sisakyan, I.N. see Krivoslyukov, S.G. 1-33802
 Siscoe, G.L. Evidence in the auroral record for secular solar variability 1-36095
 Siscoe, G.L. see Eviatar, A. 1-44474
 Siska, P.E. One-electron model potential calculations. II. 2^1 and 2^3 excited states of HeNe relevant to electronic energy transfer 1-1342
 Siska, P.E. see Gregor, R.W. 1-46061
 Siska, P.E. see Jordan, R.M. 1-41452
 Siskind, E.J. see Barish, B.C. 1-10284
 Sisodia, M.L. see Aratawata, M.L. 1-52890
 Sisodia, M.L. see Khamshara, S.M. 1-43064
 Sissakian, I.N. see Krivoslyukov, S.G. 1-10921, 1-19430
 Sisson, K.J. see Becken, R.B. 1-25871
 Sisson, R.D., Jr., Wilson, J.H., Adler, T.A., McNitt, R.P., Louthan, M.R., Jr. Hydrogen suppression of 'dust' processes 1-26570
 Sistemic, K. see Kawade, K. 1-23601, 1-23835
 Sistemic, K. see Wolf, A. 1-18560
 Siswoyo, P. see Da Silva Carvalho, H. 1-32415
 Sitar, B., Kvetan, K. Improvement of energy resolution of semiconductor detector using multihole collimators 1-51032
 Sitar, B. see Janik, R. 1-23960
 Sitaramaswamy, P. see Gopalakrishna, S. 1-13520, 1-17721
 Sitarski, G. Dynamical problems in the preparation of the Catalogue of one-apparition comets 1-44511
 Sites, J.R. see Lowe, V.E. 1-43261
 Sitnik, I.M. see Ablev, V.G. 1-18507
 Sitnikov, H.H. see Mikheev, M.N. 1-31810
 Sitnov, A.M. see Aleksan'yan, T.M. 1-36187
 Sitnov, V.I. see Babanin, V.I. 1-26357
 Sitters, R. see Glasbeck, M. 1-26080
 Sittler, E.C., Jr., Scudder, J.D. An empirical polytrope law for solar wind thermal electrons between 0.45 and 4.76 AU: Voyager 2 and Mariner 10 1-17750
 Sittton, O.C., Foutch, G.L., Book, N.L., Gaddy, J.L. Economics of ethanol production from agricultural residues 1-35671
 Sivadasan, K. see Appu, K.S. 1-22433
 Sivak, L.D. see Pollio, J. 1-22546
 Sivalov, E.G., Tarasevich, Yu.I. A spectrophotometric investigation of the interaction of phenylaz-naphthylamine with the surface of layer silicates 1-39122
 Sivaram, B.M. see Govindanunty, T. 1-19328, 1-24416
 Sivaram, B.M. see Periasamy, A. 1-8968
 Sivarama Sastry, G. see Madhusudan, V. 1-25730
 Sivaramakrishnan, S. Mean wind velocity profiles in an artificially thickened boundary layer 1-32497
 Sivardiere, J. Lattice gas model for binary mixtures: miscibility of nematogens and solid-liquid equilibria 1-11850
 Sivardiere, J. Wave-matter interactions: a general survey 1-36534
 Sivashinsky, G.I. Self-fluctuations in the motion of a free particle and the Schrodinger equation 1-63
 Sivers, D. see Berger, E.L. 1-45213
 Sivers, D. see Celmaster, W. 1-45222
 Sivertsen, J.M. see Park, K.O. 1-3443
 Sivertsen, S. A catalogue of low-resolution Wolf-Rayet spectra 1-49537
 Sivieri, E. see Mazza, F. 1-39546
 Sivieri, E.M., Bhutani, V.K., Snyder, S.M., Phillips, C.M., Moskowicz, G.D., Shaffer, T.H. Small volume plethysmographic recordings using a capacitive transducer 1-35927
 Sivjee, G.G. see Henriksen, K. 1-17718
 Sivjee, G.G., Henriksen, K., Deehr, C.S. Orthohelium emissions at 3889 and 5876 Å in the polar upper atmosphere 1-40246
 Sivjee, G.G. see Sandholt, P.E. 1-4715
 Sivko, A.P. see Morozova, A.N. 1-20073
 Sivkov, S.I. see Yankov, V.M. 1-16889
 Sivokhin, V.S., Efimov, A.A., Gorbunov, B.N. Luminescence-spectral properties of photostabilizers derived from benzophenone 1-48149
 Sivokon', V.P. see Emel'yanov, I.Ya. 1-28641
 Sivov, F.A., Miteva, S.S. Variable area flow meter with conical float and diaphragm 1-34022
 Siyakov, I.N. see Berezin, N.P. 1-23349
 Siyykh, G.F. Calculation of friction and heat and mass exchange on rough permeable plane and axisymmetric bodies 1-19694
 Siwek-Wilczynska, K. see van Driel, J. 1-33271
 Six, J. see Aston, D. 1-14399, 1-45297, 1-50442
 Six, J. see Ferrer, A. 1-50463
 Sixel, P. see Arestov, Yu. 1-5668
 Sixel, P. see Arestov, Yu.I. 1-36892
 Sixel, P. see Gottgens, R. 1-50472
 Sixl, H., Bubeck, C., Sanwald, W. Quantum oscillations of the superconducting transition temperature in Al-SiO systems 1-12219
 Sixl, H. see Bubeck, C. 1-8568
 Sizov, F.F., Orletskii, V.B., Radchenko, M.V. Local states of Te vacancies in narrow band $\text{Pb}_{1-x}\text{Sn}_x$ Te semiconductor 1-2922
 Sizov, I.V. see Kraft, O.E. 1-683
 Sizov, N.I. see Arif'ev, V.N. 1-40193
 Sizov, N.I. see Dianov-Klokov, V.I. 1-19095
 Sizova, I.M., Sukhorukov, A.P. On the influence of the induced photolysis of ozone on the concentration of minor stratospheric components at their sounding 1-40160
 Sizova, R.M. see Fedorov, V.M. 1-3803
 Sjoberg, J. Maximum likelihood-estimation of covariances and weighted mean with application to repeated EDM-observations 1-44349
 Sjoberg, L. see Samskog, P.-O. 1-31880
 Sjoedin, T. A note on Poincaré's principle and the behaviour of moving bodies and clocks 1-5102
 Sjogren, B. The law of parallelism in refraction shooting 1-40067
 Sjogren, I. see Aguilar-Benitez, M. 1-5646, 1-23517
 Sjogren, I. see Loverre, P.F. 1-18511, 1-18512
 Sjogren, L. Collective properties of a two-dimensional classical electron liquid 1-12051
 Sjogren, L. Kinetic theory of current fluctuations in simple classical liquids 1-25136
 Sjogren, L. Numerical results on the density fluctuations in liquid rubidium 1-25154
 Sjogren, L. see Baus, M. 1-51917
 Sjolander, A. see Cieplak, M. 1-3189
 Sjolander, A. see Reiter, G. 1-16436
 Sjolander, G.W. see Johnson, C.Y. 1-4696
 Sjoreen, T.P., Garg, U., Fossan, D.B. High-spin states in ^{57}Fe 1-41034
 Sjoreen, T.P., Green, M.C., Jacobs, W.W., Pollock, R.E., Soga, F., Bent, R.D., Ward, T.E. Negative-pion production from the bombardment of ^7Be with 200-MeV polarized protons 1-23633
 Sjoreen, T.P. see Chowdhury, P. 1-45406
 Sjostrand, N.G. The discrete ordinates method compared to Carlvik's and Syros's methods for anisotropic neutron scattering in slabs 1-28508
 Sjostrand, T. see Andersson, B. 1-18449
 Sjulstad, M. Variable rate sparker 1-13983
 Skaarup, K., Hansen, C.M. Concentration dependence, boundary layer resistance, and the 'time-lag' diffusion coefficient 1-52355
 Skachkov, M.B. see Savvin, V.I. 1-14322
 Skachkov, N.B., Solovtsov, L.I. Covariant three-dimensional formulation of the composite quark model of mesons 1-14352
 Skachkov, N.B. see Aurenche, P. 1-28274
 Skachkov, V.S. see Gerbert, A.N. 1-37037
 Skadin, V.G. see Klimenko, V.S. 1-39534, 1-39568
 Skagerstam, B.S., Stern, A. Magnetic superconductors and the MIT bag model 1-10165
 Skagerstam, B.S., Stern, A. A model of gluing excitations in QCD 1-23418
 Skagerstam, B.S. see Lang, C.B. 1-50325
 Skakov, Yu.A. see Livshits, B.G. 1-16460
 Skakovskii, E.D. see Rykov, S.V. 1-19122
 Skakun, E.A. see Avchukhov, V.D. 1-45386
 Skakun, N.A. see Kogan, V.S. 1-47417
 Skala, L. A successful CNDO/BW parametrization for the calculation of lithium clusters 1-45853
 Skala, L., Goldowsky, M. A stable highly sensitive implantable pressure transducer for artificial heart 1-13359
 Skalak, L., Tarabek, P., Veis, S. The determination of electron density in Ne positive column from the neutral gas temperature 1-52004
 Skalauskas, K.J., Jakimavicius, J.A. Effect of X-rays on lifetime of charge carriers in Si and Ge pn-junctions 1-16357
 Skaliky, P. Polarization phenomena in X-ray diffraction 1-42259
 Skaliky, P. see Giesinger, N. 1-42928
 Skalikis, P., Krause, L. Disorientation and disalignment of $d^{3/2}$ potassium atoms, induced in resonant collisions 1-6181
 Skalny, J. Experimental study of DC corona in air at high temperatures and low pressures 1-52002
 Skalny, J., Cernak, M., Veis, S., Lisakova, E. Negative corona discharge in flowing air+SO₂ mixtures 1-15680
 Skalny, J., Veis, S., Bebar, F., Dindosova, D. Iodometric determination of ozone concentration in negative corona discharge 1-52001

- Skalny, J. see Veis, S. 1-15681
 Skalzob, V.V. see Vanyashin, V.S. 1-50333
 Skalski, D. see Gryzynski, I. 1-19080
 Skalsky, M. see Miler, M. 1-11181, 1-37600
 Skamp, K.R. see Armstrong, R.S. 1-51308
 Skancke, P.N., Thomson, C. Ab initio calculations of the equilibrium geometry of cis and trans methylglycol using the force method 1-24027
 Skard, J.A. see Berger, C. 1-5636, 1-10209
 Skard, J.A. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
 Skarek, J. see Grdnev, V.N. 1-48483
 Skarek, J. see Habrovec, F. 1-8421
 Skarnemark, G. see Meyer, R.A. 1-14468
 Skarsgard, H.M. see Amagishi, Y. 1-19915
 Skarstam, B. see Grimmeis, H.G. 1-7554, 1-42714, 1-47545, 1-47567
 Skarstam, B. see Rees, G.J. 1-20760
 Skarvinko, E.R. see Blakeslee, M.C. 1-51581
 Skarzhinskas, V.I. see Gaidyalis, V.I. 1-23358
 Skarzhinsky, V.D. see Dodonov, V.V. 1-49976
 Skea, D.C.J. see Cradock, S. 1-14890
 Skeath, P., Su, C.Y., Lindau, I., Spicer, W.E. Column III and V elements on GaAs (110): bonding and adatom-adatom interaction 1-16172
 Skeath, P. see Spicer, W.E. 1-16331, 1-52622
 Skeath, P.R. see Abbat, I. 1-16655
 Skeath, P.R. see Braicovich, L. 1-16367
 Skeath, P.R. see Lindau, I. 1-8198
 Skeath, P.R. see Su, C.Y. 1-16173
 Skehel, J.J. see Wilson, A.I. 1-43849
 Skelcher, B.W. Achieving a low dose commitment to nuclear power station employees 1-28738
 Skelton, E.F. see Francavilla, T.L. 1-52683
 Skelton, E.F. see Spain, I.L. 1-28007
 Skelton, R.P. The prediction of crack growth rates from the total endurance in high strain fatigue 1-7249
 Skelton, R.P. Crack propagation in metals during thermal shock 1-34410
 Skensved, P. see Haussor, O. 1-34963
 Skensved, P. see Warwick, A. 1-50495
 Skerget, P. see Alujevic, A. 1-783
 Skerko, N.N. see Alekhovich, A.I. 1-31977
 Skerlec, G.M., Hargrave, R.B. Tectonic significance of paleomagnetic data from northern Venezuela 1-22317
 Skhirtladze, V.S. see Kopaleishvili, T.I. 1-18687
 Skiba, G.G. Aerodynamics of an asymmetrically deformed body in nonstationary supersonic motion 1-51804
 Skiba, P.A., Nepokoichitskii, A.G. Surface reduction of oxides and compositions based on them by laser radiation 1-17103
 Skiba, P.A. see Nepokoichitskii, A.G. 1-3543
 Skibenko, A.L. see Zikov, V.G. 1-25017
 Skibin, V.I. see Andreev, G.B. 1-5770
 Skibina, L.M. see Kuznetsov, V.V. 1-53112
 Skibowski, M., Sprussel, G., Saile, V. Fine structure and temperature dependence of shallow core excitons in insulators and semiconductors 1-30636
 Skibowski, M. see Drube, W. 1-48221
 Skidan, B.S., Vlasov, A.S., Alekseev, V.A., Mylnikova, T.S., Ryzhkov, Yu.F. Electrical and thermal properties of niobium-base cermets 1-20911
 Skidan, V.M. see Olekhovich, N.M. 1-7182
 Skidmore, R. Range gating (pros and cons) [medical ultrasound] 1-22092
 Skidmore, R., Woodcock, J.P. Physiological interpretation of Doppler-shift waveforms. II. Validation of the Laplace transform method for characterisation of the common femoral blood-velocity/time waveform 1-8934
 Skidmore, R., Woodcock, J.P., Wells, P.N.T., Bird, D., Baird, R.N. Physiological interpretation of Doppler-shift waveforms. III. Clinical results 1-8935
 Skiff, B.A. see Furuta, T. 1-13735
 Skilloira, I.O. see Aston, D. 1-14399, 1-45297, 1-50442
 Skingle, C.W. see Gaukruger, D.R. 1-19613
 Skinner, C.H. Comment on 'The effect of radiation trapping of high-intensity scattered radiation on multiphoton ionisation rates and resonance fluorescence' 1-10689
 Skinner, G.B. see Chi-Chang Chiang 1-14911
 Skinner, G.K. Observations of optical flares in the recurrent X-ray transient A0538-66 1-13886
 Skinner, G.K. Image of cosmic X-ray sources using coded mask telescopes 1-36180
 Skinner, G.K., Shulman, S., Share, G., Evans, W.D., McNutt, D., Meekins, J., Smathers, H., Wood, K., Yentis, D., Bryman, E.T., Chubb, T.A., Friedman, H. Observations of outbursts from the recurrent X-ray transient A0538-66 and LMC X-4 1-17906
 Skinner, J.L., Wolynes, P.G. Transition state and Brownian motion theories of solitons 1-14025
 Skinner, J.L., Wolynes, P.G. Solitons, defect diffusion, and dielectric relaxation of polymers 1-16521
 Skinner, J.L. see Berne, B.J. 1-26722
 Skripidarov, S.A. see Galev, V.N. 1-52546
 Skirida, A.S. see Gorban', S. 1-52979
 Skiribok, V.K. see Tokmakov, V.S. 1-15558
 Skjeggstad, O. see Deden, H. 1-28311
 Skjerve, L.J. see Fancelow, J.L. 1-49195
 Skjong, R., Reitan, A. Relativistic Glauber amplitudes for elastic and inelastic scattering of electrons and positrons by hydrogen atoms and hydrogen-like ions 1-1375
 Skladnikiewicz, S. Stress measurements in aluminium alloy films by the $\sin^2 \psi$ method 1-30604
 Sklansky, J. Medical radiographic image processing and pattern recognition 1-53893
 Sklansky, J. see Towfig, F. 1-53897
 Sklenicka, V., Saxl, I., Cadek, J. Intergranular creep cracking and the concept of fracture state 1-48486
 Skleznev, A.G. see Levkin, L.V. 1-24541
 Sklizkov, G.V. see Basov, N.G. 1-6596, 1-6597, 1-25084
 Sklizkov, G.V. see Erokhin, A.A. 1-11601
 Sklizkov, G.V. see Shikhov, A.S. 1-42210
 Sklizkov, G.V. see Vasin, B.L. 1-44923
 Sklyarenko, S.K. see Kremenchugskii, L.S. 1-10016
 Sklyuev, P.V. see Zakharov, V.N. 1-8394
 Skobelev, B.Yu. see Struminskiy, V.V. 1-29783
 Skobelev, I.Yu. see Boiko, V.A. 1-25068
 Skobelev, I.Yu. see Vinogradov, A.V. 1-2246
 Skobelev, N.K. see Walzog, D. 1-998
 Skobelev, V.V. Neutron luminosity of magnetic stars in renormalizable models 1-9553
 Skobelev, V.V. see Loskutov, Yu.M. 1-28247
 Skobeleva, E.E. Design of large-aperture objective having an enlarged field of view angle for the infrared portion of the spectrum 1-37583
 Skobeleva, I.M. Model of a vessel tone (numerical experiment) 1-49045
 Skobeleva, T.P., Rodionova, Zh.F. Several properties of the structure of large-scale concentric basins on the Moon, Mercury and Mars 1-4796
 Skobelkin, V.I. see Ichkitidze, L.P. 1-42933
 Skobelkin, V.I. see Zuev, I.V. 1-47113
 Skoblikov, S.V. see Aleksandrov, V.Ya. 1-1547
 Skoblo, A.V., Zhigun, A.P., Kolesov, S.A., Dunina, L.P. Hardness measurement with the use of acoustic emission 1-48608
 Skoblo, Yu.A. see Lakhmanov, P.G. 1-23386
 Skoblo, Yu.E. see Ivanov, V.A. 1-42243
 Skobov, V.G. see Voloshin, I.F. 1-43016
 Skocpol, W.J. see Smith, A.D. 1-20926
 Skoczylas, J. Flux distribution of permanent magnet analysis using finite element method 1-29161
 Skogberg, J., Pernstal, J. SKF REMKO—soft magnetic iron 1-3221
 Skogen, J. see Lee, T.C. 1-15130
 Skogsborg, P., Persson, A., Thalme, B. Fetal EEG during vacuum extraction delivery with a special plastic ventouse 1-4375
 Skokov, V.N. see Koverda, V.P. 1-25594
 Skolasinska, K. see Kostrewska, M. 1-53934
 Skold, K. see Dejurs, R. 1-7383
 Skoldborn, H. see Larsson, L. 1-6090
 Skoldborn, H. see Roos, B.O. 1-49094
 Skolimowski, J. see Cygler, M. 1-14889
 Skolnick, M.S. Time resolved DC electroluminescence studies in ZnS:Mn, Cu powder phosphors 1-43184
 Skolnik, L. see Taylor, R. 1-5386
 Skolozdra, R.V., Gorenko, Yu.K., Bodak, O.I., Yarovets, V.I. Magnetic properties of YFe_2Si_2 , HoFe_2Si_2 , DyFe_2Si_2 , HoCo_2Si_2 compounds and intermediate solid solutions 1-20967
 Skoog, C. see Berend, N. 1-22034
 Skopal, I. Eddy-current loss in powder metallurgical tungsten rods 1-3941
 Skopin, I.A. see Morozov, V.N. 1-46354
 Skopp, G. see Rebhan, U. 1-24429
 Skopyuk, M.I., Shevchenko, V.A. Device for digital selection and compression of data from semiconductor spectrometers 1-996
 Skopyuk, M.I., Shevchenko, V.A. Using game methods to eliminate overlapping pulses in gamma spectrometry 1-51024
 Skorbut, A.D. Slow-response electroacoustic echo in pyrrargyrite 1-25768
 Skorbut, A.D. see Kolenikova, E.A. 1-31058
 Skorbut, A.D. see Smolenskii, G.A. 1-21081
 Skorbut, S.D. see Zverev, A.G. 1-51491
 Schorcelletti, V.V. see Zaitsev, V.A. 1-3994, 1-26675, 1-35446
 Skorik, M.M. see Kono, M. 1-15614
 Skorikov, V.M. see Kutvitskii, V.A. 1-16044
 Skorikov, V.M. see Zhereb, V.P. 1-19842
 Skorkin, V.M. see Belov, A.S. 1-10587
 Skorkin, V.M. see Efrosinov, V.P. 1-28409
 Skorniyakov, G.P., Ponomos, Yu.S., Surov, M.E., Darienko, E.P., Karamzin, A.A., Sokolov, V.V. Infrared spectra of $\gamma\text{-Nd}_2\text{S}_3$ 1-12510
 Skorodumov, S.A. see Korsakov, V.V. 1-18258
 Skorokhod, V.V. see Martynova, I.F. 1-3655, 1-11325
 Skorokhod, V.V. see Shnaiderman, L.I. 1-35217
 Skorokhodov, I.I. see Shostakovskii, M.F. 1-21726
 Skorov, D.M. see Balankin, S.A. 1-31379
 Skorov, D.M. see Kalin, B.A. 1-16962
 Skorov, D.M. see Zaluzhnyi, A.G. 1-5851
 Skorzynski, Z. see Halas, S. 1-50266
 Skoulidakis, T., Koui, M. Influence of solid support sorptive properties on the color of cholesteric liquid crystals. I. Qualitative observations 1-2315
 Skoulidakis, Th., Karageorgos, Ath. Protection of aluminium alloys against stress corrosion cracking in saline water by properly oriented anodic coatings. III. Influence of $\gamma_{1,2}\text{-Al}_2\text{O}_3$ and $\gamma_2\text{-Al}_2\text{O}_3$ oxide thickness; correlation between sorptive (and/or catalytic) and protective properties of the various oxides 1-12923
 Skoulios, A. see Seurin, P. 1-20058
 Skov Jensen, A. see Lading, L. 1-44350
 Skove, M.J. see Overcash, D.R. 1-42673
 Skovoroda, A.A., Shvilkin, B.N. Passage of electron plasma waves through a magnetized plasma layer 1-11560
 Skovoroda, A.R. The impact of constant speed rotation paraboloid with unlimited elastic plate 1-11361
 Skoweranda, J. see Bukowska-strzyewska, M. 1-25246
 Skowronski, R. see Cygler, M. 1-14889
 Skowrya, T. see Gryczynski, I. 1-41424
 Skrabek, E.A., Tye, R.P., Desjarlais, A.O. Thermal performance of high temperature insulation materials in aerospace environments 1-2724
 Skrebtsov, G.P. see Kolchin, A.A. 1-22653, 1-36130
 Skrinskii, A.N. see Grishanov, B.I. 1-28776
 Skrinsky, A.N. see Artamonov, A.S. 1-23893, 1-23894
 Skrinsky, A.N. see Derbenev, Ya.S. 1-14712
 Skrinsky, A.N. see Vasserman, I.B. 1-40991
 Skrinsky, A.N. see Zholentz, A.A. 1-14381
 Skripal', A.V. see Usanov, D.A. 1-16300
 Skripin, G.V. see Filippov, A.T. 1-36137
 Skripin, G.V. see Grigor'ev, V.G. 1-36138
 Skripka, V.I. Stressed state of a half-space with a paraboloidal cut 1-18024
 Skripnichenko, V.I. see Brumberg, V.A. 1-40331
 Skripnik, F.V. see Kogutiyuk, I.P. 1-12127, 1-21179
 Skripnik, Yu.D., Kosov, B.D. Equation of low-cycle fatigue or irradiated steel 0Kh16N15M3B 1-3932
 Skripnikov, V.A., Sanin, V.N., Balashov, Yu.S., Chernyshov, A.V. Temperature dependence of the elastic modulus of vitreous silica 1-42450
 Skripov, A.V., Stepanov, A.P., Pan, V.M., Shevchenko, A.D., Michailov, I.G. Effect of neutron irradiation on NMR properties of single-crystalline V_2Si 1-31048
 Skripov, V.P. see Galashev, A.E. 1-2308
 Skripov, V.P. see Kaverin, A.M. 1-52628
 Skripov, V.P. see Koverda, V.P. 1-25594
 Skritskii, V. see Grigas, J. 1-30297
 Skrifer, H.L. The electronic structure of antiferromagnetic chromium 1-30624
 Skrifer, H.L. see Andersen, O.K. 1-47443
 Skrifer, H.L. see Boulet, R.M. 1-7512
 Skrifer, H.L. see Johansson, B. 1-47529
 Skrotskii, G.V., Solomakhov, G.I. Separation in a nonuniform magnetic field of the isotopes of atoms interacting with an intense resonant light wave 1-41502
 Skrotskii, G.V. see Pikazan'ev, V.G. 1-1048
 Skrovanek, S.D., Herron, R.H. High temperature mechanical properties of stainless-steel fiber-reinforced castables 1-31524
 Skrtic, D. see Subotic, B. 1-3728
 Skryabin, N.G. see Moiseev, B.G. 1-54304
 Skrzeczanski, W. see Denus, S. 1-34118
 Skrzypczak, E. see Aksinenko, V.D. 1-18662
 Skrzypek, D. see Bialas-Borgiel, K. 1-26022
 Skubic, P. see Bebec, C. 1-33191
 Skubic, P. see Chadwick, K. 1-33192
 Skubic, P. see Yamin, P. 1-45372
 Skubnevskaya, G.I. see Sorokin, N.I. 1-43681
 Skuchas, Yu.P. see Dagis, M.I. 1-5290
 Skudaev, Yu.D. see Gracheva, G.P. 1-4089
 Skudlarski, K., Miller, M. Sublimation and mass spectrometry of copper(I) cyanide 1-2607
 Skudlarski, K. see Lukas, W. 1-25458
 Skugareva, L.I. see Abdullayev, A.G. 1-34624
 Skuin', G.Ya. see Teteris, Ya.G. 1-48183
 Skuja, A. see Berger, C. 1-5636, 1-10209
 Skuja, A. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
 Skulachev, V.P. see Bol'shakov, V.I. 1-17365
 Skulachev, V.P. see Broun, I.I. 1-17368
 Skull, G. see Schneider, J.C. 1-28576
 Skullerud, H.R. see Kumar, K. 1-15565
 Skulski, M.Yu. see Gurniak, M.B. 1-17876
 Skulski, R., Surowiak, Z., Gavrilaychenko, V.G., Sindev, Yu.G., Fesenko, E.G. New size effect in a phase transition in barium titanate crystals 1-26144
 Skul'skii, M.Yu. Short-time fluctuations of hydrogen and helium emissions in the spectrum of β Lyrae 1-17878
 Skul'skii, M.Yu. see Burnashev, V.I. 1-4943
 Skulsky, M.Yu. see Burnashev, V.I. 1-17875
 Skumriev, V., Apostolov, A., Michov, M. Magnetic properties of bulk amorphous alloy SmFe_2 prepared from the melt by rapid quenching 1-38951
 Skundric, S.P. see Pandurovic, N.M. 1-28031

- Skurat, V.V., Sharovarov, G.A. Dynamics of start-up conditions of APS with a fast reactor and a dissociating coolant 1-50748
- Skurin, L.I. Simulation of an air plasma on a ballistic path in an air-heavy gas mixture 1-42066
- Skurin, L.I. *see* Ladnova, L.A. 1-15511, 1-51806
- Skvaril, J. *see* Anisimov, Yu.S. 1-14728
- Skvarko, E.A. *see* Rutskii, A.I. 1-10883
- Skvirskaya, E.L. *see* Alekseev, V.N. 1-51489
- Skvortsov, A.M. *see* Elyukhin, V.A. 1-47031
- Skvortsov, A.P. *see* Medvedev, V.N. 1-35076
- Skvortsov, G.E., Timokhov, L.A. On turbulent theory 1-51764
- Skvortsov, G.E. *see* Perevoznikov, E.N. 1-2031
- Skvortsov, M.V. *see* Belyaev, M.V. 1-33774
- Skvortsov, Yu.N. *see* Alipchenkov, V.M. 1-19949
- Skvortsova, G.V. *see* Kotikov, V.N. 1-17126
- Skvortzov, V.G. *see* Petin, V.G. 1-13287
- Skwarek, R.J. Effect of delayed reactor coolant pump trip during small-break LOCAs 1-5930
- Strzalczyńska, I., Budzanski, A., Plonska, J., Strzalkowski, A., Witkos, E. High-spin selectivity in the $^{27}\text{Al}(\alpha, p)^{30}\text{Si}$ reaction 1-10298
- Skyllas Kazacos, M. *see* McCann, J.F. 1-48906
- Skyring, G.W. *see* Johns, L.A. 1-35589
- Kyrshesvii, V.A. *see* Belyi, M.U. 1-31197
- Skzhipets, Yu. One-parameter class of first integrals of the post-Newtonian equations of motion in the Einstein theory of gravitation 1-9880
- Slabko, V.V. *see* Geller, Yu.I. 1-28930
- Slabko, V.V. *see* Heller, Yu.I. 1-45913
- Slaby, J. *see* Chalasińska-Macukow, K. 1-24372
- Slack, G.A. Thermal conductivity of ice 1-11926
- Stade, P.G. *see* Emtege, P.R. 1-34148
- Stadek, R.J. *see* Nichols, D.N. 1-38433
- Stadek, R.J. *see* Wu, A.Y. 1-7360
- Stadkova, V.A. *see* Kasherininov, P.G. 1-25811
- Stadky, P. *see* Lokaj, P. 1-45026
- Stamovits, D. *see* Schmeltzer, D. 1-25387
- Stanina, Z. A remark on the water dimer and its isomerism 1-1400
- Stansky, R. Fun with E_g 1-45194
- Stansky, R. *see* Goldhaber, M. 1-50428
- Stansky, R. *see* Patara, J. 1-452
- Stansky, R. *see* Shaw, G.L. 1-10127
- Slapa, M., Hahn, G., Chwaszczewska, J., Dabrowski, A.J., Iwanicz, J.S., Huth, G.C. A mercuric iodide (HgI_2) X-ray spectrometer with drain feedback preamplification 1-18952
- Slater, A.L. *see* Stone, P.T. 1-35781
- Slater, J.B. Research and development experience. The physics of CANDU reactors 1-5987
- Slater, L.E. Episodic block motion and convergence along the Calaveras fault in central California 1-54060
- Slatinskii, N.D. *see* Shishkin, L.A. 1-19824
- Slatkin, D.N. *see* Talbot, I.C. 1-26945
- Slattery, E.F. *see* Doman, D.R. 1-50874
- Slattery, G.F., O'Riordan, P., Lambert, M.E. Metallographic techniques for the measurement of grain boundary precipitate in type 316 stainless steel 1-3751
- Slattery, J.C. *see* Deemer, A.R. 1-30521
- Slattery, P. *see* Berg, D. 1-28320
- Slattery, P. *see* Collick, B. 1-45290
- Slattery, P. *see* Jonckheere, A. 1-51013
- Slattery, P.W. *see* de Bruin, H.J. 1-17195
- Slaughter, M.D. *see* Oneda, S. 1-45284
- Slaus, I. *see* Blommesteijn, G.J.F. 1-708, 1-28482
- Slaus, I. *see* van Dantzig, R. 1-28483
- Slava, K.E. *see* Shtraus, V.D. 1-15424
- Slavchev, S. *see* Daskalov, L. 1-33992
- Slaver, A.G. *see* Lazarov, D.L. 1-8466
- Slavgorodskaya, Z.V. *see* Emyashev, A.V. 1-43266
- Slavin, A.A. *see* Ostrovskii, M.V. 1-48777, 1-48778
- Slavin, J.A. *see* Elphic, R.C. 1-4803
- Slavin, J.A. *see* Southwood, D.J. 1-40378
- Slavov, A.A. Gauge invariant infrared regularization for non-Abelian fields 1-28181
- Slavova, T.D. *see* Peshkin, A.F. 1-17348
- Slavov, V.I. Zadorozhnaya, V.N. Method of photographing inverse pole figures 1-17004
- Slavov, V.I. *see* Talashkevich, I.P. 1-8322
- Slavyanov, S.Yu. *see* Abramov, D.I. 1-23039
- Slavyanov, S.Yu. *see* Ponomarev, L.I. 1-5153
- Slawska-Waniewska, A. *see* Berkowski, M. 1-8214
- Slaymaker, F.H. *see* Moore, R.C. 1-29415
- Slayter, H.S. High resolution metal coating of biopolymers [electron microscope specimen preparation] 1-17541
- Sleat, W.E. *see* Holbrook, M.B. 1-51526
- Slechtja, J. On the anomalous Kondo effect to disordered magnetic binary alloys with statistical short range order and its utilization for structural studies beyond pair correlations 1-34858
- Slee, O.B. *see* Seagist, E.R. 1-22819
- Slee, P.V. *see* Clifford, J.S. 1-35617
- Sleeman, J.C. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Sleep, N.H., Nunn, J.A., Lei Chou Platform basins 1-13440
- Sleeswyk, A.W., Hiemstra, H. Influence of 'floating' parallel alignment on Luder's band configurations 1-3855
- Sleeswyk, A.W., Kok, H.J.G., Boom, G. Effect of C-ion implantation on L.C.F. life in Cu, Ni and AISI 310 1-3920
- Sleeswyk, A.W. *see* Wieringa, K.T. 1-31643
- Sleight, A.W. *see* Cox, D.E. 1-29960
- Sleight, A.W. *see* English, A.D. 1-30460
- Sleight, A.W. *see* Jarrett, H.S. 1-35547
- Sleight, P. The physiology of heart-rate control by arterial baroreceptors in man and animals 1-32151
- Slemmer, J. *see* Kuhn, W. 1-23676
- Slemr, F. *see* Seiler, W. 1-9220
- Slepchenko, L.A. *see* Abesalashvili, L.N. 1-10273, 1-18526
- Slepchenko, L.A. *see* Matveev, V.A. 1-50389
- Slepinikov, G.I. *see* Galitskarov, Sh.A. 1-14111
- Slepov, I.A. *see* Bobylev, Yu.P. 1-25161
- Slepnev, Yu.V. *see* Ivanypin, L.A. 1-38315
- Slepnyov, V.M. *see* Kolpakov, I.F. 1-28804
- Sleptsov, V.M. *see* Bovkun, G.A. 1-31679
- Sleptsov, V.M. *see* Verkhoturov, A.D. 1-39465
- Slepukhin, V.K. *see* Shtin, A.P. 1-52077
- Slepyan, A.Ya. *see* Slepyan, G.Ya. 1-34997
- Slepyan, G.Ya., Slepyan, A.Ya. Resonant absorption of an electrically polarized wave by a toothed array in a multilayer dielectric 1-34997
- Slesar, M. *see* Rodzina, D. 1-31608
- Slesarenko, A.P. Multidimensional heat conduction problems with the heat exchange coefficient varying with time 1-29507
- Slesarenko, A.P. Nonstationary heat conduction problems for bodies of complex cross-sections with heterogeneous through inclusions 1-37761
- Slessar, M. *see* Denisenko, E.T. 1-39384
- Slessor, M. Can solar energy replace fossil-fissile energy sources? 1-13087
- Slettebak, A., Kuzma, T.J. Effects of stellar rotation on spectral classification 1-49626
- Slettebak, A., Kuzma, T.J., Collins, G.W., II Effects of stellar rotation on spectral classification 1-49642
- Slettemoen, G. *see* Dyvik, K. 1-41634
- Slezkin, N.A. Screw flow of a liquid in a cylindrical tube 1-24878
- Slichter, C.P., Drickamer, H.G. Analysis of the effect of pressure on optical spectra 1-21169
- Slick, P.I. Ferrites for non-microwave applications 1-30918
- Slifer, B.C. *see* Bergeron, P.A. 1-50883
- Slifer, B.C. *see* Cronin, J.T. 1-5954
- Slifer, B.C. *see* Gay, R.R. 1-50741
- Slifkin, L.M. *see* Batra, A.P. 1-2699
- Slifkin, M.A., Amarasi, W.A. A simple and economic balance moment technique for the double integration of curves 1-50120
- Slim, H. *see* Fonteneau, G. 1-19397
- Slim, H.A. Spectral ansatz in quantum electrodynamics. Spectral functions and gauge transformations 1-33132
- Sliney, D.H., Wolbarsht, M.L. Safety standards and measurement techniques for high intensity light sources 1-35893
- Slingsby, C. *see* Blundell, T. 1-53752
- Slinn, S.A., Slinn, W.G.N. Predictions for particle deposition on natural waters 1-21947
- Slinn, W.G.N. *see* Slinn, S.A. 1-21947
- Sliski, D.J. *see* Iwasa, Y. 1-53627
- Slivka, V.Yu. *see* D'ordyay, V.S. 1-26212
- Slivka, V.Yu. *see* Stefanovich, V.A. 1-2406
- Slivka, V.Yu. *see* Suslikov, L.M. 1-35033, 1-43096
- Slivkov, I.N. *see* Koba, G.I. 1-41282
- Slivka, K. *see* Eskreyes, A. 1-594
- Slivka, K. *see* Ko, W. 1-10263
- Slivniwka-Bartkowiak, M., Szurkowski, B., Hilczar, T. Nonlinear dielectric effect in solutions of m-nitrotoluene in saturated hydrocarbons 1-43059
- Slivniwka, A. *see* Kwiek, P. 1-19522, 1-37406
- Slivka, H.-R. *see* Hug, W. 1-28977
- Sloan, D.M. *see* Barratt, P.J. 1-46743
- Sloan, I.H. Mathematical and computational methods [for few body problems] 1-49937
- Sloan, I.H. Comment on 'failure of the connected-kernel method' 1-50564
- Sloan, J.J., Watson, D.G. The HF energy distribution in the reaction of F atoms with vinyl radicals 1-43655
- Sloan, J.J., Watson, D.G., Williamson, J. The detailed isotope effect in the $\text{F} + \text{NH}_3$ and $\text{F} + \text{ND}_3$ reactions 1-8538
- Sloan, M.L. *see* Cornet, E. 1-46920
- Sloan, T. *see* Alkofer, O.C. 1-45773
- Sloan, T. *see* Aubert, J.J. 1-5630
- Sloan, T. *see* Barber, D.P. 1-5635, 1-28329, 1-28330
- Sloane, R.H. *see* McCaughan, D.V. 1-3552
- Sloboda, R.S. *see* Sherif, H.S. 1-50579
- Slobodochikov, S.V. *see* Andrushko, A.I. 1-20809
- Slobodin, B.V. *see* Khodos, M.Ya. 1-53453, 1-53454
- Slobodrian, R.J., Dasgupta, S.S., Rioux, C., Lahlou, F., Roy, R. Deviations for relationship to phase space and forces in the reaction $\text{p} + \text{d} \rightarrow \text{p} + \text{p} + \text{n}$ and $\text{d} + \text{p} \rightarrow \text{p} + \text{p} + \text{n}$ very near to the threshold 1-33263
- Slobodrian, R.J. *see* Dasgupta, S.S. 1-14530
- Slobodskii, M.I. *see* Rogov, M.I. 1-3997
- Slobodyan, S.M. *see* Lukin, V.P. 1-46228
- Slobodyanyuk, A.V. *see* Gorban', I.S. 1-29324
- Slobodyuk, E.A. *see* Ammosov, V.V. 1-40980
- Slobodyuk, E.A. *see* Efremenko, V.I. 1-33173
- Sloczynski, J. *see* Grabowski, R. 1-8058
- Slodzian, G. Some considerations on secondary ion optics 1-29206
- Slodzian, G., Lorin, J.-C., Havette, A. Isotopic effect on the ionization probabilities in secondary ion emission 1-26347
- Slodzian, G., Lorin, J.-C., Havette, A. Isotopic effect on the ionization probabilities in secondary ion emission 1-39201
- Slodzian, G. *see* Bernheim, M. 1-31276, 1-31280
- Slodzian, G. *see* Pivin, J.C. 1-3551, 1-31768
- Slodzian, G. *see* Roques-Carnes, C. 1-31292
- Sloggett, G.J. *see* Clothier, W.K. 1-33005
- Slominskii, Yu.L. *see* Babenko, V.A. 1-51500
- Slonczewski, J.C. *see* Jantz, W. 1-7951
- Slonim, Y. *see* Dalidchik, F.I. 1-34208
- Sloper, R.W. *see* Sinclair, R.S. 1-35827
- Slooboom, J.W. *see* van Gorp, G.J. 1-11908
- Slottje, C. Fast fine structure in solar microwave flares 1-4877
- Sloutskin, L.S. *see* Volkova, O.V. 1-15728
- Sloutskin, L.S. *see* Zargarian, I.V. 1-15729
- Slovacek, R.E. *see* Little, R.C. 1-50603
- Sloviak, M. Noise at the TDK 22/0.4 transformer station 1-19507
- Slovic, P., Fischhoff, B., Lichtenstein, S. Perceived risk and quantitative safety goals for nuclear power 1-50838
- Slovikovskii, V.V. *see* Kononenko, G.V. 1-31398
- Slowik, J. *see* Brillson, L.J. 1-52440
- Sluckin, T.J. *see* Telo da Gama, M.M. 1-38628
- Sluijs, J.C.A. van der *see* van der Sluijs, J.C.A.
- Sluiter, F.W. *see* Das, K.P. 1-46884
- Sluman, T.J., Van Maanen, H.R.E., Ooms, G. Atmospheric boundary layer simulation in a wind tunnel, using air injection 1-44230
- Slusarev, V.E. *see* Antsygina, T.N. 1-42721
- Slusher, R.E. *see* Surko, C.M. 1-29843
- Slusky, S.E.G., Trambarulo, R., Fetter, L.A. Observation of subharmonically pumped mixing with gain using SIS junctions 1-52709
- Slusser, G.J. Cluster formation in SIMS: CO on PdAg 1-31275
- Sluszkiewicz, T. *see* Piwowarczyk, T. 1-23147
- Slutsker, A.I. *see* Zhitarev, V.E. 1-25123
- Slutsker, S.M. *see* Chernyy, F.B. 1-22602
- Slutsker, Ya.Z. *see* Brodskii, Yu.Ya. 1-46893
- Slutskii, V.E., Stal'bovskii, O.I., Shevchenko, V.S. UVRI photometry of stars in the field of Tauri dark clouds 1-32697
- Slutskin, A.A., Kadigrobov, A.M. New type of quantum size effects in metals on multi-channel mirror reflection of electrons from the specimen boundaries 1-2540
- Slutskin, L.S. *see* Bazelyan, E.M. 1-15727
- Slutsky, A.S., Berdine, G.G., Drazen, J.M. Steady flow in a model of human central airways 1-26930
- Slutsky, A.S., Drazen, J.M., Ingram, R.H., Jr., Kamm, R.D., Shapiro, A.H., Fredberg, J.J., Loring, S.H., Lehr, J. Effective pulmonary ventilation with small-volume oscillations at high frequency 1-26933
- Slutsky, A.S. *see* O'Caing, C.F. 1-48965
- Sluyters, Th. *see* Alessi, J.G. 1-37043
- Sluzhaev, V.N. *see* Volovin, S.M. 1-27280
- Slyenko, E.I. *see* Khandzhok, A.G. 1-40831
- Slyuk, V.V., Ivanchuk, R.D. Changes in Fe impurity distribution in CdTe crystals under annealing in Cd or Te vapour 1-52170
- Slyusar', V.P., Tret'yakov, V.M., Rudenko, N.S. Isotopic thermal conductivity of argon, krypton, xenon, and nitrogen as a function of the triple points up to 300-330K at pressures of up to 3000 atm 1-52367
- Smaardyk, J.E., Acton, R.U., Sallach, R.A. Sodium interactions with magnetite-aggregate concrete 1-50825
- Smaby, J.M. *see* Brockman, H.L. 1-32967
- Smadja, G. Deep inelastic scattering of μ^+ at 280 GeV/c on carbon 1-45308
- Smaga, I.V. *see* Migolintsev, I.M. 1-41800
- Smagin, A.G., Teren'ko, V.S. Differential frequency gravimeter 1-22521
- Smakotin, M.M. *see* Bondarenko, A.V. 1-1590
- Smakotskii, Yu.B. *see* Anisimov, V.N. 1-33711
- Small, G.J. *see* Hayes, J.M. 1-16259
- Small, J.A., Heinrich, K.F.J., Newbury, D.E., Myklebust, R.L., Fiori, C.E. Procedure for the quantitative analysis of single particles with the electron probe 1-4142
- Small, J.A. *see* Newbury, D.E. 1-4143
- Small, R.D. Propulsive jet flows in the transonic regime 1-11434
- Small, R.D. *see* Anwar, N.Y. 1-37558
- Small, S. *see* Bleakley, R.H. 1-270
- Smalley, R.E. *see* Beck, S.M. 1-1278, 1-37239
- Smalley, R.E. *see* Dietz, T.G. 1-37283
- Smalley, R.E. *see* Hopkins, J.B. 1-41447
- Smalley, R.E. *see* Mukamel, S. 1-24182
- Smallman, R.E. *see* Brown, G.T. 1-25282, 1-38372
- Smallman, R.E. *see* Hutchings, R. 1-31744
- Smallwood, J. *see* d'Inverno, R.A. 1-5190

- Smallwood, R.H.** Extracting directional information from Doppler signals [medical ultrasound] 1-22093
- Smart, A.E.** A compact wide aperture image rotator without aberrations 1-319
- Smart, C.A.** *see* Muir, M.S. 1-49347
- Smart, J.H.** *see* Dababneh, M.S. 1-15015
- Smart, M.** *see* Foukal, P. 1-54455
- Smart, R.M.** *see* Glasser, L.S.D. 1-42341
- Smart, R.St.C.** *see* Jones, C.F. 1-30400
- Smart, R.St.C.** *see* Roberts, M.W. 1-39220
- Smart, W.** *see* Efremov, V.I. 1-33173
- Smart, W.** *see* Hays, P.J. 1-45371
- Smarzynski, S.** *see* Neumann, A. 1-7025
- Smathers, H.** *see* Skinner, G.K. 1-17906
- Smathers, H.** *see* Ulmer, M.P. 1-54640
- Smathers, J.** *see* August, L.S. 1-22137
- Smathers, J.B.** *see* Hertel, N.E. 1-53817
- Smathers, J.B.** *see* McDonald, J.C. 1-44007
- Smay, G.L.** *see* Southwick, R.D. 1-53327
- Smayling, M.** *see* Tittel, F.K. 1-37462
- Smedskjaer, L.C.** Manninen, M., Fluss, M.J. An alternative interpretation of positron annihilation in dislocations 1-8154
- Smedskjaer, L.C.** *see* Fluss, M.J. 1-31225, 1-32968
- Smedt, E.D.** *see* De Smedt, E.
- Smedt, R.D.** *see* De Smedt, R.
- Smeers, Y.** A mathematical programming framework for economy/energy models 1-39721
- Smeets, A.H.M.** *see* Vriens, L. 1-1384
- Smekhov, G.D.** Fotiev, V.A. On the conditions of formation of population inversion of atomic levels in a thermally heated recombining plasma 1-24402
- Smelov, V.S.** *see* Egorov, G.F. 1-10453
- Smelser, P.** *see* Niemann, R.L. 1-48882
- Smelser, R.E.** Swedlow, J.C. A continuum analysis of fracture in Widmanstätten α plus β colonies 1-31601
- Smend, F.** *see* Schumacher, M. 1-10378
- Smerdov, A.A.** *see* Stupko, A.I. 1-49167
- Smerkalov, V.A.** Approximated inversion of the radiation transfer equation from data of the day sky brightness measurements 1-40190
- Smertin, V.M.** Koren'kov, Yu.N., Namgaladze, A.A. Investigation of the action of internal gravity waves on the lower ionosphere 1-4687
- Smertin, V.M.** *see* Zevakina, R.A. 1-4680
- Smet** *see* Mertens, A. 1-3977
- Smetana, Z.** *see* Schovskiy, V. 1-47887
- Smethie, W.M., Jr.** Buchholtz, M.H. Closely spaced large volume sampling of sharp gradients 1-32530
- Smetniansky-De Grande, N.** *see* Migoni, R. 1-5248
- Smets, G.** *see* Groeninckx, G. 1-16024
- Smeyers, P.** Rotational modes in a uniformly rotating star 1-49619
- Smeyers, P., Veugelen, P., Weigert, A.** Variational principles for the linear and adiabatic oscillations of a spherical star, and related definitions of canonical energy density and of canonical energy flux 1-54475
- Smeyers, P., Weigert, A.** On the definition of canonical energy density and of canonical energy flux for linear and adiabatic oscillations of a spherical star 1-27487
- Smialowska, S.** *see* Pedekar, S. 1-43575
- Smiddy, M., Burke, W.J., Kelley, M.C., Saffekos, N.A., Gussenhoven, M.S., Hardy, D.A., Rich, F.J.** Effects of high-latitude conductivity on observed convection electric fields and Birkeland currents 1-40258
- Smidoda, K.** *see* Gottschalk, Ch. 1-20237
- Smidt, F.A., Jr.** *see* Roarty, K.B. 1-52183
- Smidt, J.** *see* Bax, A. 1-14154
- Smidt, J.** *see* Emd, S. 1-34951
- Smigielski, P.** Holography and its applications 1-19300
- Smigielski, P., Haertig, J., Waton, G., Schwab, J., Cautel, B.** Analysis method of the spatio-temporal structure of an acoustic field in the air with the aid of its optical Fourier transform 1-15348
- Smigielski, P., Sava, P.G.** The dalembertometer 1-14175
- Smigielski, P., Stimpfing, A., Dancer, A., Franke, R., Buck, K.** Laser interferometry applied to the investigation of tympanic membrane displacements in the living guinea pig subjected to various acoustic stimuli 1-9066
- Smigielski, P.** *see* Dancer, A. 1-13252
- Smigielski, P.** *see* Fagot, H. 1-21680
- Smilanski, I.** *see* Tenenbaum, J. 1-51456, 1-51457
- Smiley, V.N., Whitcomb, B.M., Morley, B.M., Warburton, J.A.** Lidar determinations of atmospheric ice crystal layers at South Pole during clear-sky precipitation 1-54187
- Smilga, A.** *see* Chudacek, I. 1-47711
- Smilga, V.** *see* Piskarkas, A. 1-41785
- Smirenkin, G.N., Tsipenyuk, Yu.M.** Low-energy photofission of heavy nuclei 1-50674
- Smirenkin, G.N.** *see* Aleksandrova, Z.A. 1-23942
- Smirenkin, G.N.** *see* Ignatyuk, A.V. 1-50689
- Smirl, A.L.** The physics of nonlinear absorption and ultrafast carrier relaxation in semiconductors 1-15211
- Smirl, A.L.** High intensity picosecond photoexcitation of semiconductors 1-15234
- Smirl, A.L., Boggess, T.F., Hopf, E.A.** Generation of a forward-travelling phase-conjugate wave in germanium 1-6608
- Smirl, A.L.** *see* Van Stryland, E.W. 1-53018
- Smirnaya, E.P.** *see* Zakharov, P.A. 1-11054
- Smirnit'skaya, G.V.** *see* Kononkova, N.N. 1-26387
- Smirnit'skii, V.B.** *see* Akhmedov, D. 1-51484
- Smirnov, A.A.** Interstitial atomic arrangement and mobility in interstitial alloys at high degrees of interstice filling. I 1-2430
- Smirnov, A.A.** On diffusion of interstitial atoms in octahedral and tetrahedral interstices of the FCC lattice with any degree of their filling 1-2704
- Smirnov, A.A.** The theory of exchange diffusion in interstitial alloys at any concentration of interstitial atoms 1-7367
- Smirnov, A.A.** Kinetics of isotopic interstitial atom ordering in octahedral and tetrahedral interstices of the FCC lattice 1-34259
- Smirnov, A.A.** *see* Agapov, N.N. 1-6063
- Smirnov, A.A.** *see* Kravchenko, V.I. 1-41688
- Smirnov, A.E.** Urusovskaya, A.A. Kinetics of dissolution of BaF₂ crystals 1-20394
- Smirnov, A.F.** *see* Berlin, A.B. 1-17898
- Smirnov, A.I.** *see* Petrunichev, V.A. 1-16916
- Smirnov, A.M.** *see* Konstantinov, Yu.S. 1-44970
- Smirnov, A.N., Eismont, V.P., Noga, V.I., Ranjuk, Y.N.** On the response of a breakdown counter to pulsed gamma- and electron-radiation 1-18972
- Smirnov, A.N.** *see* Kuznetsov, V.L. 1-41154
- Smirnov, A.P.** Synthesis of intermediate aspect angles based on the Talbot effect 1-28090
- Smirnov, A.P., Galpern, A.D.** Effect of errors of a periodic transparency on Fresnel images 1-6499
- Smirnov, A.S.** *see* Bertaux, J.L. 1-54405
- Smirnov, A.S.** *see* Kurt, V.G. 1-9404
- Smirnov, A.V.** *see* Iordanskii, S.V. 1-30903
- Smirnov, A.V.** *see* Iordanskii, S.V. 1-2774
- Smirnov, A.Ya.** *see* Kiryukhin, S.V. 1-2235
- Smirnov, A.Yu.** *see* Berezhinsky, V.S. 1-18422
- Smirnov, B.I., Kulichenko, A.N.** Motion of electric charges in LiF crystals under simple slip conditions 1-3047
- Smirnov, B.I.** *see* Zimkin, I.N. 1-2453
- Smirnov, B.M., Shlyapnikov, G.V.** Infrared radiation transfer in molecular gases 1-24917
- Smirnov, B.M.** *see* Duman, E.L. 1-13943
- Smirnov, D.F., Sokolov, I.V., Troshin, A.S.** Effect of spatial coherence of the pump on spontaneous emission fluctuations 1-41343
- Smirnov, E.A.** *see* Privolov, V.E. 1-29255
- Smirnov, E.P., Gordeev, S.K., L'vova, T.B., Yasnetskii, V.V.** Investigation of the chemical nature of the surface of dispersed carbon 1-53466
- Smirnov, E.P.** *see* Ivanov, V.S. 1-8595
- Smirnov, E.V., Belyakov, V.A.** Coherent Mossbauer scattering in birefringent crystals 1-12443
- Smirnov, G.F.** *see* Gordeev, Yu.N. 1-42099
- Smirnov, G.I.** *see* Alizade, V.V. 1-45289
- Smirnov, G.M., Mahan, J.E.** Distributed series resistance in photovoltaic devices: intensity and loading effects 1-4197
- Smirnov, I.A.** *see* Goncharova, E.V. 1-47473
- Smirnov, I.A.** *see* Gurin, V.N. 1-3358
- Smirnov, L.A.** Diffuse scattering of X-rays on total external reflection from a rough surface 1-43216
- Smirnov, L.A., Anokhin, S.B.** Interpretation of curves of the total external reflection of X-rays from the surfaces of metal films deposited in a vacuum 1-8158
- Smirnov, L.S.** *see* Bogatyriov, V.A. 1-3054
- Smirnov, L.S.** *see* Dvurechenskii, A.V. 1-20264
- Smirnov, L.S.** *see* Dvurechenskii, A.V. 1-2501
- Smirnov, L.S.** *see* Stas, V.F. 1-11915
- Smirnov, N.A.** A lattice model of the surface layer of a solution containing r-mers with an arbitrary type of monomeric units 1-52031
- Smirnov, N.A., Monastyrskii, M.A., Kulikov, Yu.V.** Electron optics of cathode lenses with spherically symmetric combined fields 1-24346
- Smirnov, N.N.** *see* Evdokimov, M.A. 1-18204
- Smirnov, N.N.** *see* Grachov, V.T. 1-18701
- Smirnov, N.S.** *see* Chernyavskii, A.I. 1-3999
- Smirnov, P.S., Strukov, B.A., Gorelik, V.S., Dudnik, E.F.** Raman scattering of light by low-frequency oscillations in the improper ferroelastic Pb₃(PO₄)₂ 1-8051
- Smirnov, P.S.** *see* Avakyan, L.P. 1-12512
- Smirnov, P.V.** *see* Andreev, Yu.Ya. 1-3991
- Smirnov, S.I., Troshin, A.S.** Development of a combination solar heat-supply system using a heat pump for the conditions of the Crimea 1-13159
- Smirnov, V.A.** Singular structure of Feynman diagrams 1-14257
- Smirnov, V.A.** *see* Dmitriev, V.S. 1-47227
- Smirnov, V.A.** *see* Kuznetsov, A.A. 1-36883
- Smirnov, V.A.** *see* Morozov, B.A. 1-37076
- Smirnov, V.B.** *see* Babkina, T.V. 1-6671
- Smirnov, V.B.** *see* Bagaev, S.A. 1-46574
- Smirnov, V.G.** *see* Baranov, V.O. 1-33763
- Smirnov, V.I., Kovalev, A.I.** Influence of vacuum on the level of contamination of Al condensates by O₂ 1-48261
- Smirnov, V.I.** *see* Grigor'yants, V.V. 1-6672
- Smirnov, V.L.** *see* Bykovskii, Yu.A. 1-6694, 1-24535
- Smirnov, V.L.** *see* Karavanskii, V.A. 1-33829
- Smirnov, V.N., Kozharinov, L.P.** Registration of X-ray spectra in spectroscopy of excitation potentials with the aid of microchannel plates 1-45096
- Smirnov, V.N.** *see* Krutyakova, V.P. 1-26290
- Smirnov, V.N.** *see* Vaisberg, O.L. 1-9340, 1-54324
- Smirnov, V.P.** *see* Alikhanov, S.G. 1-2211
- Smirnov, V.P.** *see* Lel'chuk, V.L. 1-33291
- Smirnov, V.S.** Divergence of radiation from lamp-pumped rhodamine 6G lasers 1-41692
- Smirnov, V.S., Roizen, A.M., Rumyantsev, S.A.** Suppression of current instabilities of the ionospheric plasma by strong RF fields 1-40268
- Smirnov, V.S.** *see* Kazantsev, A.P. 1-15074
- Smirnov, V.S.** *see* Plaskachevskii, Yu.M. 1-31788
- Smirnov, V.V.** *see* Akhmetov, M.A. 1-2487
- Smirnov, V.V.** *see* Bulatov, E.D. 1-33065
- Smirnov, V.V.** *see* Ordan'yani, S.S. 1-12728
- Smirnov, V.V.** *see* Osin, M.N. 1-29808
- Smirnov, V.V.** *see* Vavilov, V.S. 1-30255
- Smirnov, V.V.** *see* Zueva, G.Ya. 1-10739, 1-14891
- Smirnov, Yu.E.** *see* Virgil'ev, Yu.S. 1-34373
- Smirnov, Y.F.** *see* Asherova, R.M. 1-50552
- Smirnov, Yu.F.** *see* Vasilevskii, I.S. 1-10338
- Smirnov, Yu.G.** *see* Batkin, I.S. 1-23606, 1-41354
- Smirnov, Yu.N.** *see* Fedorov, N.F. 1-34972
- Smirnov, Ye.P.** *see* Panchenko, V.A. 1-2200
- Smirnov, Yu.P.** *see* Grushko, A.I. 1-41339
- Smirnova, A.P.** *see* Mints, I.I. 1-26542
- Smirnova, A.P.** *see* Nakhalov, V.A. 1-8503
- Smirnova, A.V.** *see* Lanskaya, K.A. 1-16784
- Smirnova, E.A.** *see* Makhaldiani, V.I. 1-4246
- Smirnova, I.A.** *see* Yampol'skaya, E.G. 1-53578
- Smirnova, L.N.** *see* Abdrakhmanov, E.O. 1-722
- Smirnova, L.P.** *see* Gringauz, K.I. 1-44372, 1-44373
- Smirnova, N.A.** Model of surface layer of multi-component solution formed by molecules similar in size 1-20512
- Smirnova, N.A.** Lattice mode of the surface layer of a solution containing an r-mer with chain units of an arbitrary type. I. Description of models and derivation of general relationships 1-47328
- Smirnova, N.A.** *see* Piotrovskaya, E.M. 1-20511
- Smirnova, N.A.** *see* Smushkovich, V.L. 1-21669
- Smirnova, N.L., Belov, N.V.** Arrangement of atoms in octahedral gaps in close packing, one-fifth occupied 1-23840
- Smirnova, T.A.** *see* Cherpak, N.T. 1-15135
- Smirnova, T.P., Belyi, V.I., Chramova, L.V.** The mechanism of N-H bond decomposition in silicon nitride films 1-39623
- Smirnova, T.P., Golubenko, A.N., Zacharchuk, N.F., Belyi, V.I., Kokovin, G.A., Valisheva, N.A.** Phase composition of thin oxide films on InSb 1-43327
- Smirnova, T.V.** *see* Bartel, N. 1-36316
- Smirnova, V.D.** *see* Meleshina, V.A. 1-38545
- Smirnova, V.D.** *see* Yakovlev, M.A. 1-42748
- Smirnovskaya, E.M.** *see* Perkalina, T.M. 1-34918
- Smit, I.** *see* Subotic, B. 1-3728
- Smit, J.** Chiral symmetry breaking in QCD: mesons as spin waves 1-10146
- Smit, M.C.B.** *see* Hambleton-Jones, B.B. 1-9292
- Smith, A., Guenther, P., Winkler, G., McKnight, R.** Note on the prompt-fission-neutron spectra of uranium-233 and -235 and plutonium-239 and -240 relative to that of californium-252 1-23693
- Smith, A.** *see* Forges, P.M. 1-32229
- Smith, A.** *see* Gould, P.J. 1-31830
- Smith, A.** *see* Peachy, C.L. 1-46569
- Smith, A.** *see* Pye, J.P. 1-44671
- Smith, A.B., Guenther, P.T., Whalen, J.F.** Fast-neutron total and elastic- and nonelastic-scattering cross sections of elemental nickel 1-41108
- Smith, A.C.** *see* Briscoe, B.J. 1-31668
- Smith, A.C.H.** *see* Khakoo, M.A. 1-15013
- Smith, A.C.H.** *see* Newell, W.R. 1-24271
- Smith, A.D., Tinkham, M.** Superconductivity demonstration 1-22971
- Smith, A.D., Tinkham, M., Skocpol, W.J.** New thermoelectric effect in tunnel junctions 1-20926
- Smith, A.E., Davis, D.F.** Preconceptional designs and estimated costs of actinide partitioning facilities 1-854
- Smith, A.G., Will, C.M.** Force on a static charge outside a Schwarzschild black hole 1-146
- Smith, A.G.** *see* Pica, A.J. 1-22911
- Smith, A.J.** *see* Okada, H. 1-22325

- Smith, A.J.S. Review of lepton production in hadron-hadron collisions 1-28360
- Smith, A.J.S. see Chiang, I.H. 1-45353
- Smith, A.L., Messing, I., Gelernt, B. R-variation of electronic transition moments from vibrationally crowded spectra: the B-X and D-X transitions of xenon fluoride 1-6273
- Smith, A.L.S., Moffatt, S. High frequency opto-galvanic laser stabilisation 1-37458
- Smith, A.L.S. see Moffatt, S. 1-29298
- Smith, A.L.S. see Murray, G.A. 1-38157
- Smith, A.M., Stecher, T.P., Casswell, L. Production of carbon, sulfur, and CS in Comet West 1-44497
- Smith, A.M. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Smith, A.M. see Wright, A.L. 1-10482
- Smith, A.R. see Kelsey, C.A. 1-8993
- Smith, A.R. see Richman, C. 1-22138
- Smith, A.T., Bittencourt, P.R.M., Lloyd, D.S.L., Richens, A. An efficient technique for determining characteristics of saccadic eye movements using a mini computer 1-53916
- Smith, A.Y., Blackwell, R.J. Development of an information data base for watershed monitoring 1-32481
- Smith, B. see Iacopini, E. 1-40955
- Smith, B. see Soderblom, L. 1-36209
- Smith, B.A. Satellites of Saturn 1-9417
- Smith, B.A. Wollaston's cryophorus—precursor of the heat pipe 1-13988
- Smith, B.A. Lissajous' figures 1-49915
- Smith, B.A., Denton, B. Recent developments in the design and construction of the cold crucible 1-8220
- Smith, B.A. see Collins, S.A. 1-22721
- Smith, B.A. see Reitsema, H.J. 1-4820
- Smith, B.A. see Smith, L.M. 1-32186
- Smith, B.J., Stephen, J., Chivers, D., Fisher, M. Annealing of ion implanted silicon 1-52166
- Smith, B.M. see Dickinson, A.P. 1-22265
- Smith, B.M. see Smith, T.G., Jr. 1-49170
- Smith, B.W. see Brouns, R.J. 1-14631
- Smith, B.W. see Jones, E.M. 1-49783
- Smith, B.W. see Siegel, H.J. 1-9297
- Smith, C. Engineering the Universe: William Thomson and Fleeming Jenkin on the nature of matter 1-5068
- Smith, C. The International Reference Star programs 1-32606
- Smith, C. see Dickens, M.H. 1-34508
- Smith, C.A. Designing a cathodic-protection system 1-12924
- Smith, C.A., Jovanovich, J.V., Greeniaus, L.G. Proton-proton bremsstrahlung at 42 MeV: measurement of cross sections and comparison with a theoretical calculation 1-18651
- Smith, C.A. see Rogers, J.G. 1-23660
- Smith, C.B. Measurement of X-ray tube output in computed tomography: a simple method for anticipating tube failure 1-26979
- Smith, C.B., Fazzolare, R.A. Energy uses futures 1-31991
- Smith, C.H. Llewellyn see Llewellyn Smith, C.H.
- Smith, C.J., Poole, C.P., Jr., Farach, H.A. ESR kinetics study of the decay of low-temperature radicals in glycine and β -alanine 1-47951
- Smith, C.L. see De Laeter, J.R. 1-13424
- Smith, C.M. see Haschke, J.M. 1-3705
- Smith, C.P. see Franceschetti, G. 1-6677
- Smith, C.R. see Irvén, J. 1-33807
- Smith, C.V., Jr. see Carter, R.L. 1-12383
- Smith, C.W. Stress intensity and flaw-shape variations in surface flaws 1-1836
- Smith, C.W. see Carey, R.F. 1-37981
- Smith, D. Tunneling frequencies of solids with two equivalent internal C_{3v} rotors 1-11701
- Smith, D. A versatile OTF measuring system 1-41899
- Smith, D., Adams, N.G. Reactions of NH_3^+ and ND_3^+ ($n=0-4$) with C_2H_4 and C_2D_4 at 300K 1-31832
- Smith, D., Adams, N.G. Elementary plasma reactions of environmental interest 1-36092
- Smith, D., Adams, N.G. Laboratory studies of isotope fractionation in the reactions of C^+ and HCO^+ with CO: interstellar implications 1-44611
- Smith, D. see Nann, H. 1-14451
- Smith, D. see Sutton, C. 1-22342
- Smith, D.A. Partial-DSC dislocations 1-2443
- Smith, D.A., Cookson, P. Internal degrees of freedom and anelasticity in glasses 1-42458
- Smith, D.A. see Cline, R.W. 1-1084, 1-29147
- Smith, D.A. see Grover, C.R.M. 1-38384, 1-38385
- Smith, D.A. see King, A.H. 1-20240
- Smith, D.A. see Knowles, K.M. 1-26454
- Smith, D.A. see Spiller, G.D.T. 1-3713
- Smith, D.B. see Sidman, R.D. 1-32086
- Smith, D.C. see McEnaney, B. 1-43568
- Smith, D.C. see Pepper, M.G. 1-44038
- Smith, D.C. see Procter, R.W. 1-39236
- Smith, D.E., Kolenkiewicz, R., Dunn, P.J., Torrence, M. Determination of polar motion and Earth rotation from laser tracking of satellites 1-49197
- Smith, D.E. see Kahn, W.D. 1-17692
- Smith, D.E. see Schnute, W.C. 1-21962
- Smith, D.F. Nonlinear processes involved in particle acceleration in solar flares 1-54444
- Smith, D.F., Brown, J.C. Limits on the streaming and escape of electrons in thermal models for solar hard X-ray emission 1-49584
- Smith, D.F. see Benford, G. 1-19912
- Smith, D.G., Putnam, P.E. Anastomosed river deposits: modern and ancient examples in Alberta, Canada 1-54147
- Smith, D.H., Christie, W.H., Eby, R.E. The resin bead as a thermal ion source: a SIMS study 1-17125
- Smith, D.H. see Christie, W.H. 1-23762
- Smith, D.H. see Smith, R.C. 1-44594
- Smith, D.J., Saxton, W.O., Cleaver, J.R.A., Catto, C.J.D. The observation of amorphous materials at high voltage and high resolution 1-15800
- Smith, D.J., Young, L. Optical and electrical properties of thermal tantalum oxide films on silicon 1-30828
- Smith, D.J. see Gaskell, P.H. 1-15801
- Smith, D.J. see Stobbs, W.M. 1-11676
- Smith, D.K. see Marks, R.J., II. 1-51388
- Smith, D.K. see Shu-Cheng Yu 1-38337
- Smith, D.L. Nonstoichiometry and carrier concentration control in MBE of compound semiconductors 1-2847
- Smith, D.L., Henderson, R.P., Reinovsky, R.E. Inductively driven imploding plasma system for X-ray generation 1-33088
- Smith, D.L., Meadows, J.W. Cross-section measurement for the $^{52}Cr(n,p)^{52}V$ reaction near threshold 1-702
- Smith, D.L., Meadows, J.W. Activation cross sections for $^{60}Zn(n,p)^{60}Cu$ 1-703
- Smith, D.L., Meadows, J.W., Whalen, J.F. Cross sections for $^{19}F(n,p)^{19}O$ and $^{19}F(n,\alpha)^{16}N$ from threshold to 9 MeV 1-45584
- Smith, D.L. see Daw, M.S. 1-16332, 1-52644
- Smith, D.L. see Meadows, J.W. 1-18938
- Smith, D.L. see Weimer, M.B. 1-35078
- Smith, D.L. see Winkler, G. 1-701
- Smith, D.L.G. see Capp, D.J. 1-5886
- Smith, D.M. see Bhattacharyya, S.K. 1-833
- Smith, D.M. see Fronterhouse, D.C. 1-27250
- Smith, D.M. see Lau, J.C. 1-46829
- Smith, D.R. see Hooper, R.C. 1-11173
- Smith, D.S., Miller, D.A.B. Optical bistability and transphaser action using semiconductor materials 1-46433
- Smith, D.S. see Eklund, P.C. 1-39101, 1-48094
- Smith, D.S. see Murthy, V.R.K. 1-8249
- Smith, D.S. see Riccius, H.D. 1-52661
- Smith, D.T. see Cosier, J. 1-33084
- Smith, D.W. see Araujo, R.J. 1-7087
- Smith, D.W. see Handler, G.S. 1-10640
- Smith, D.W. see Johnson, P.E. 1-36224
- Smith, D.W. see Malyn, D.J. 1-1575
- Smith, D.Y. see Shiles, E. 1-8034
- Smith, E. An appraisal of the effect of graphite interlayers on the tolerance of water reactor fuel rods to power ramp defects 1-782
- Smith, E. Dislocation and cracks 1-2461
- Smith, E. Some implications of recent developments in plastic fracture mechanics on stress corrosion cracking in engineering materials 1-3975
- Smith, E. Implications of recent developments in the plastic fracture mechanics field to the PCI stress corrosion problem 1-26664
- Smith, E. see Knight, J.L., Jr. 1-13339
- Smith, E. see Yurke, B. 1-6190
- Smith, E.A., Pemberton, E.W. Powders in engineering 1-3647
- Smith, E.A., Pemberton, E.W. Size-reducing mal-leable powder particles 1-3649
- Smith, E.C. see Southwick, R.D. 1-53327
- Smith, E.C., Jr. see Nelson, R.D. 1-5384
- Smith, E.G.C. Calculation of poles of instantaneous rotation from poles of finite rotation 1-54054
- Smith, E.J., Davis, L., Jr., Jones, D.E., Coleman, P.J., Jr., Colburn, D.S., Dyal, P., Sonett, C.P. Saturn's magnetosphere and its interaction with the solar wind 1-40385
- Smith, E.J. see Jones, D.E. 1-40399
- Smith, E.J. see Thomas, B.T. 1-40421
- Smith, E.L., III, Harwerth, S., Browning, R., Jacobson, D., Kircher, M.L. Stereopsis and fixation disparity following prolonged monocular occlusion 1-17393
- Smith, E.R. see Hoskins, C.S. 1-11661
- Smith, E.W., Pascoe, K.J. Assessment of fatigue damage in the cyclic loading of a glass-fibre polyester composite 1-48506
- Smith, E.W. see Burnett, K. 1-14984
- Smith, F.A., Belling, C.D. Temperature dependence of positron lifetimes in water and ethanol 1-53012
- Smith, F.T. Modified helicocentric coordinates for particle dynamics 1-19005
- Smith, F.T., Bodonyi, R.J. On the stability of the developing flow in a channel or circular pipe 1-42094
- Smith, F.T. see Bodonyi, R.J. 1-42012
- Smith, F.W. see Edelstein, W.A. 1-39980
- Smith, F.W. see Merewether, D.E. 1-33601
- Smith, G. Evidence for optical absorption by Fe^{2+} - Fe^{3+} interactions in $MgO:Fe$ 1-21200
- Smith, G., Maxwell, J., Venkateswara Rao, V. Optics of the eye, visual performance and visual instruments 1-26896
- Smith, G. see Atchison, D.A. 1-44042
- Smith, G. see Ingre, S. 1-53391
- Smith, G. see Pagel, B.E.J. 1-4961
- Smith, G.A. Review of NN formation experiments 1-45335
- Smith, G.A. see Biswas, N.N. 1-18515
- Smith, G.B., Ignatiev, A. Black chromium-molybdenum: a new stable solar absorber 1-48907
- Smith, G.B., Ignatiev, A., Zajac, G. Solar selective black cobalt: preparation, structure and thermal stability 1-2833
- Smith, G.B., Stetson, K.A. Heterodyne readout of specklegram halo interference fringes 1-331
- Smith, G.B. see Willrath, H. 1-27971
- Smith, G.B. see Zajac, G. 1-16157
- Smith, G.C. see Gilvin, P.J. 1-14783
- Smith, G.K., Butler, J.E. $OH(X^2\Pi)$ product internal energy distribution formed in the reaction of $O(^1D_2)$ with H_2 1-4063
- Smith, G.M. see Lyons, W.B. 1-17583
- Smith, G.M. see Woodruff, H.B. 1-53489
- Smith, G.P., Barker, J.R. Energy transfer rates for vibrationally excited gas-phase azulene in the electronic ground state 1-51275
- Smith, G.R. see Bolger, J. 1-41008
- Smith, G.S. see Hoard, R.W. 1-48344
- Smith, G.W. Phase behavior of some condensed polycyclic aromatics 1-11844
- Smith, H. see Hoigaard Jensen, H. 1-33985
- Smith, H. see Pethick, C.J. 1-25828
- Smith, H., Jr. Application of the virial theorem to clusters of galaxies with unseen mass 1-32765
- Smith, H.A. see Larson, H.P. 1-9415
- Smith, H.D. see Partlow, D.P. 1-42609
- Smith, H.E. Self-absorption in the Balmer line profiles of the OSO 2141+174 (=OX 169) 1-44664
- Smith, H.E., Spinrad, H. An update of the status of the revised 3C catalog of radio sources; 22 new galaxy redshifts 1-27629
- Smith, H.E. see Burbridge, E.M. 1-49846
- Smith, H.E. see Fu-Ming Chen 1-28943
- Smith, H.E. see Puetter, R.C. 1-54650
- Smith, H.G. see Lander, G.H. 1-26451, 1-47623
- Smith, H.I. see Geis, M.W. 1-7485
- Smith, H.J., Ligeon, E., Bontemps, A. Scanned electron beam annealing of arsenic-implanted silicon 1-42402
- Smith, H.J. see van Wyk, G.N. 1-8184
- Smith, H.K. see Weaver, J.H. 1-38708
- Smith, H.W., Kulp, C.R. An osteoclast for whole bone testing 1-13372
- Smith, I., Jr. see Gunnison, D. 1-36085
- Smith, I.C.P. see Neurath, K.J. 1-26874
- Smith, I.E. see Bell, M.A. 1-13182
- Smith, I.K. see Musgrave, G. 1-26826
- Smith, I.L. see Evangelista, C. 1-45354
- Smith, I.W. see Dorschner, T.A. 1-29317
- Smith, I.W.M. see Arnold, G.S. 1-6362
- Smith, I.W.M. see Robertshaw, J.S. 1-46091
- Smith, J. International collaboration on gas-cooled fast reactors 1-14585
- Smith, J. see Ganapathi, V. 1-45294
- Smith, J. see Loewenstein, R.F. 1-44485
- Smith, J.A., Demarque, P. CH subgiants and the mixing hypothesis 1-27494
- Smith, J.A. see Kimes, D.S. 1-49061
- Smith, J.B. Shape instabilities and pattern formation in solidification: A new method for numerical solution of the moving boundary problem 1-51696
- Smith, J.B., Jr. see Cheng, C.-C. 1-4850
- Smith, J.D., Longmore, A.R. Behaviour of phosphate in estuarine water 1-4221
- Smith, J.D. see Butler, E.C.V. 1-13594
- Smith, J.F., Greiner, J.D. Stress measurement and bolt tensioning by ultrasonic methods 1-35460
- Smith, J.F., Reynolds, J.H., Southworth, H.N. The role of Mn in the temper embrittlement of a 3.5 Ni-Cr-Mo-V steel 1-8404
- Smith, J.F. see Greiner, J.D. 1-16828
- Smith, J.G., Sheets, L.P. Electromagnetic properties of coal mine strata 1-35935
- Smith, J.G. see Biddick, C.J. 1-18532
- Smith, J.G. see Mukherjee, S.D. 1-16209
- Smith, J.H. see Spooner, S. 1-53184
- Smith, J.L. Hill plots and americium 1-47780
- Smith, J.L., Matthias, B.T. Iridium-rare earth dilute ferromagnetism 1-22272
- Smith, J.L. see Acker, F. 1-47845
- Smith, J.L. see Suh, H. 1-30868
- Smith, J.L. see van Deursen, A.P.J. 1-16225
- Smith, J.M. see Greywall, M.S. 1-48874
- Smith, J.R. EEG waveform detection 1-32289
- Smith, J.R. Automated EEG analysis with microcomputers 1-49146
- Smith, J.R., Arlinghaus, F.J., Gay, J.G. Electronic structure of silver (100) 1-25784
- Smith, J.R., Reeder, S.D., Gehrke, R.J. Absolute measurement of ρ for ^{232}Cf 1-51020
- Smith, J.R. see Gay, J.G. 1-47726
- Smith, J.R. see Lees, P. 1-24312

- Smith, J.T., Quackenbush, C.L. Phase effects in Si_3N_4 containing Y_2O_3 or CeO_2 . I. Strength 1-3753
- Smith, J.T. see Quackenbush, C.L. 1-3945
- Smith, J.V. Halogen and phosphorus storage in the Earth 1-49240
- Smith, J.V. see Hervig, R.L. 1-9149, 1-44143
- Smith, J.V. see Newton, R.C. 1-17568
- Smith, J.W. see Glimin, D.R. 1-9273
- Smith, J.W. see King, B. 1-36477
- Smith, K. see Davies, A.R. 1-24384
- Smith, K. see Hardman, K. 1-20142
- Smith, K. see Tumolillo, T.A. 1-33609
- Smith, K.A. see Kellert, F.G. 1-51282
- Smith, K.A. see Levine, J.S. 1-49389
- Smith, K.C. Common misconceptions about light 1-35824
- Smith, K.C. Photobiology of ultraviolet radiation 1-35839
- Smith, K.C. see Moss, S.H. 1-17458
- Smith, K.C.A. see Cumming, A.D.G. 1-402
- Smith, K.F. Ultra-cold neutrons 1-18935
- Smith, K.L. see Babcock, W.C. 1-21775, 1-21776
- Smith, K.M. see Aston, D. 1-14399, 1-45297, 1-50442
- Smith, K.R. see Brown, H. 1-39705
- Smith, L.A., Thornton, T.A., Stafford, C.F., Stor-ton, J.M., Holaday, V.D., Kaufman, L. Theoretical and experimental study of the U-Pu-Zn system 1-21422
- Smith, L.A. see Colbert, E.K. 1-28688
- Smith, L.M., McConnell, H.M., Smith, B.A., Parce, J.W. Pattern photobleaching of fluorescent lipid vesicles using polarized laser light 1-32186
- Smith, L.R. see Strand, E.M. 1-32282
- Smith, M. see Merrick, D. 1-43828
- Smith, M. see Seher, G. 1-49959
- Smith, M.A. Pulsational mode-typing in line profile variables. III. Multimode behavior in 12 Lacertae 1-9510
- Smith, M.A. Pulsation modes in B stars with variable line profiles 1-27504
- Smith, M.A. Nonradial oscillations: the cause of macroturbulence in lat-type stars? 1-40474
- Smith, M.A. A connection between macroturbulence and nonradial oscillations in late-type stars 1-49610
- Smith, M.B., Logan, J.M., Wood, M.D. Fracture azimuth—a shallow experiment 1-44174
- Smith, M.B. see McManus, S.P. 1-19032
- Smith, M.D., Manda, M.L., Britt, E.J. Utilization of low temperature insulators and seals in thermionic converters 1-53639
- Smith, M.D., Norman, C.A. Extragalactic jets. I. Trajectories 1-54624
- Smith, M.D., Norman, C.A. Extragalactic jets. II. Shape and stability 1-54625
- Smith, M.G. see Clowes, R.G. 1-9714
- Smith, M.G. see Harris, W.E. 1-40559
- Smith, M.K. see Fontanella, J.J. 1-33326
- Smith, M.L., Dahlen, F.A. The period of Q of the Chandler wobble 1-32343
- Smith, M.L., Franklin, C.B., Schleicher, T.W. Extended burnup and extended cycle design 1-787
- Smith, M.L. see Wahr, J.M. 1-49182
- Smith, M.N. see Higgins, M.L. 1-27038
- Smith, M.R. Influence of modal composition on deformation in garnet ilmenite nodules 1-9147
- Smith, M.R. see Leclerc, J.L. 1-15691, 1-34158
- Smith, M.R. see McManus, S.P. 1-19032
- Smith, N., Brunner, T.A., Pritchard, D.E. Velocity dependence of rates for rotationally inelastic collisions in Na_2^+Xe using velocity selection by Doppler shift 1-37313
- Smith, N. see Murray, T. 1-21846
- Smith, N.K., Stewart, R.C., Osborn, A.G., Scott, D.W. Pyrene: vapor pressure, enthalpy of combustion, and chemical thermodynamic properties 1-31899
- Smith, N.N., Parnaby, J. Bulk density versus hydrostatic pressure characteristics of plastics in powder and pellet form 1-34392
- Smith, N.P. On the hydrography of shelf waters off the central Texas Gulf coast 1-17611
- Smith, N.V. see Farrell, H.H. 1-39224
- Smith, N.V. see Rosci, R. 1-12635
- Smith, O.J.M. Sow wind turbines and reap the wind 1-21839
- Smith, O.J.M., Smith, P.S. A helioelectric farm 1-17171
- Smith, P., Genis, A.P., Singh, R., Dubow, J.B. Automated steady-state admittance spectroscopy for surface studies with application to solar cells 1-26832
- Smith, P., Karukstis, K.K. EPR study of radicals derived from n-propyl formate 1-1260
- Smith, P., Karukstis, K.K., Denning, S.M. INDO-MO study of long-range EPR couplings in aliphatic formate radicals 1-14820
- Smith, P.A. A method of estimating the effect of multiple scattering in a stripper on the phase space of a charged particle beam 1-982
- Smith, P.A., Spencer, C.D., Jones, D.E. Microcomputer listens to the coefficient of restitution 1-40621
- Smith, P.A. see McKinlay, A.F. 1-952
- Smith, P.A. see Spencer, C.D. 1-7982
- Smith, P.D. see Richardson, J.E. 1-869
- Smith, P.G., Van de Ven, T.G.M., Mason, S.G. The transient interfacial tension between two miscible fluids 1-47331
- Smith, P.H. The radius of Titan from Pioneer Saturn data 1-40411
- Smith, P.J. The energetics of extratropical cyclones 1-13552
- Smith, P.J. see Salmon, E.M. 1-9197
- Smith, P.J. see Voss, R. 1-7198
- Smith, P.L., Lombardi, G.G., Cardon, B.L., Parkinson, W.B. Vacuum ultraviolet Mach-Zehnder interferometer with CaF_2 optics 1-50235
- Smith, P.L., Jr. see Johnson, G.N. 1-44310
- Smith, P.M., Inoue, M., Frey, J. Electron velocity in Si and GaAs at very high electric fields 1-34714
- Smith, P.R., Austin, D.H., Johnson, A.M. Thin film photoconductor mounting schemes for picosecond optical detectors 1-50209
- Smith, P.R., Austin, D.H., Johnson, A.M., Augustyniak, W.M. Picosecond photoconductivity in radiation-damaged silicon-on-sapphire films 1-42809
- Smith, P.R. see Aebi, U. 1-21980, 1-43851
- Smith, P.R. see Austin, D.H. 1-50212
- Smith, P.S. see Smith, O.J.M. 1-17171
- Smith, P.W. Hybrid bistable optical devices 1-1620
- Smith, P.W., Tomlinson, W.J., Maloney, P.J., Hermann, J.-P. Experimental studies of a non-linear interface 1-46428
- Smith, P.W. see Hutchinson, M.H.R. 1-41745
- Smith, P.W., Jr. Normal input admittance of a disk in a thin flat plate 1-37681
- Smith, R. see Amos, K. 1-36936
- Smith, R. see Edwards, T.J. 1-29787
- Smith, R. see Jones, M.F. 1-49751
- Smith, R. see McKelvey, T.E. 1-907
- Smith, R. see Makh, S.S. 1-21319
- Smith, R. see Morrison, I. 1-23537
- Smith, R. see Zebroski, E. 1-866
- Smith, R.A. see Clark, M.G. 1-7078
- Smith, R.A. see Krottscheck, E. 1-50538
- Smith, R.B. Linear theory of stratified hydrostatic flow past an isolated mountain 1-36045
- Smith, R.B., Zandt, G., Gaiser, J.E. Temporal monitoring of seismic velocity along the Wasatch Front using quarry blasts 1-49214
- Smith, R.B. see Arabasz, W.J. 1-49212
- Smith, R.B. see Pavlis, T.L. 1-49213
- Smith, R.B. see Roy, R.J. 1-32291
- Smith, R.C., Baker, K.S. Optical properties of the clearest natural waters (200-800 nm) 1-40134
- Smith, R.C., Ensminger, R.L., Austin, R.W., Bailey, J.D., Edwards, G.D. Ultraviolet submersible spectroradiometer 1-18281
- Smith, R.C., Smith, D.H. Tidally driven circulation in close and contact binary systems 1-44594
- Smith, R.C. see Baker, K.S. 1-22358
- Smith, R.C. see Gordon, H.R. 1-22356
- Smith, R.D. Chemical Energy Storage for Solar Thermal Electric Conversion 1-48915
- Smith, R.D., II see Givinen, R.O. 1-9370
- Smith, R.Dale see Dale Smith, R.
- Smith, R.E. see Breddon Jones, J. 1-8376
- Smith, R.E. see Tulacz, J. 1-836
- Smith, R.F. see Miller, K.J. (editor) 1-27673
- Smith, R.G. Photodetectors for fiber transmission systems 1-11168
- Smith, R.H. see MacDonald, P.E. 1-18749
- Smith, R.L., Dexheimer, D.T. Radiological basis for selection of refueling cavity liner surface finish 1-18763
- Smith, R.J. Characterization of the hydrogen adsorption/adsorption process for Nb(110) with surface spectroscopy 1-3568
- Smith, R.J., Williams, G.P., Colbert, J., Sagur-ton, M., Lapeyre, G.J. Electronic-structure studies of the Nb (110) surface 1-3573
- Smith, R.J. see Hall, D.J. 1-1571
- Smith, R.J. see Wolstencroft, R.D. 1-36186
- Smith, R.K. Tropical cyclone eye dynamics 1-22406
- Smith, R.L. A probability model for fibrous composites with local load sharing 1-3911
- Smith, R.L. see Brockmann, C. 1-54094
- Smith, R.N., Ebersole, T.E., Griffin, F.P. Heat exchanger performance in latent heat thermal energy storage 1-21930
- Smith, R.P., Bollinger, L., Erskine, J., Genes, L., Hoffman, J. A six tesla analyzing magnet for heavy-ion beam transport 1-45754
- Smith, R.P., Hoffman, J.A., Kim, S.H., Mataya, K.F., Niemann, R.C., Turner, L.R. A high gradient quadrupole magnet for a polarized beam facility 1-45753
- Smith, R.P. see Hyman, L.G. 1-45756
- Smith, R.P. see Kim, S.H. 1-51992
- Smith, R.P. see Niemann, R.C. 1-48882
- Smith, R.P. see Turner, L.R. 1-48883
- Smith, R.R. see Burrell, C.F. 1-23315
- Smith, R.S., McEwin, A.J. Earthquake accelerograms and attenuation of seismic waves at Oolong, New South Wales 1-4438
- Smith, R.T. see Olsen, G.H. 1-11990
- Smith, R.V. see Martindale, W.R. 1-51855
- Smith, R.W. see Rees, D. 1-9305
- Smith, R.W. see Vnuk, F. 1-8378
- Smith, S. see Botner, O. 1-37065
- Smith, S.D. Wind stress and heat flux over the ocean in gale force winds 1-17606
- Smith, S.D. Infra-red lasers and their applications 1-37536
- Smith, S.D. Evaluation of the Mark 8 thrust anemometer-thermometer for measurement of boundary-layer turbulence 1-49410
- Smith, S.D. Optical bistability, towards the all-optical computer 1-51539
- Smith, S.D., Miller, D.A.B. The interaction of laser radiation with semi-conductors: new non-linear effects and devices 1-29326
- Smith, S.D., Miller, D.A.B. Infrared optical bistability and transphor action 1-46438
- Smith, S.D. see Dennis, R.B. 1-52919
- Smith, S.D. see Miller, D.A.B. 1-15233, 1-29327, 1-46426
- Smith, S.D. see Pidgeon, C.R. 1-46314
- Smith, S.E. see Bopp, B.W. 1-32706
- Smith, S.H. see Daudin, B. 1-16119
- Smith, S.L., Codisotipi, L.A. Southwest monsoon of 1979: chemical and biological response of Somali coastal waters 1-27213
- Smith, S.R., Carter, W.J., III, Mateescu, G.D., Kohl, F.R., Fryburg, G.C., Stearns, C.A. ESCA study of oxidation and hot corrosion of nickel-base superalloys 1-3982
- Smith, S.R. see Brown, D.H. 1-26257
- Smith, S.R.P. see Ariai, J. 1-52944
- Smith, T., Rae, J.M., Lawson, P. Pipe lagging—an effective method of noise control 1-24589
- Smith, T.E. see Adams, A.C. 1-7490
- Smith, T.F., Bristow, G.K., Boughton, C.V., Hudson, P.R.W. Specific heat capacity of $\text{Fe}_{1-x}\text{Mn}_x\text{Si}$ compounds 1-25955
- Smith, T.F., Jensen, P.A., Spencer, D.L. Thermal performance of the distributed flow, subatmospheric pressure, flat plate solar collector 1-13163
- Smith, T.F., Waterman, M.S. New stratigraphic correlation techniques 1-27303
- Smith, T.F. see Cornelius, A. 1-2945
- Smith, T.F. see Gibbs, E.E. 1-42557
- Smith, T.F. see Simpson, M.A. 1-42946
- Smith, T.G., Jr., Barker, J.L., Smith, B.M., Colburn, T.R. Voltage clamping with microelectrodes 1-49170
- Smith, T.I., Madey, J.M.J. Realizable free electron lasers 1-46279
- Smith, T.I. see Elias, L.R. 1-19313
- Smith, T.I. see Rand, R.E. 1-10572
- Smith, T.P. see Hirvonen, J.K. 1-3938
- Smith, V., Parker, D.L., Stanley, J.H., Phillips, T.L., Boyd, D.P., Kan, P.T. Development of a computed tomographic scanner for radiation therapy treatment planning 1-22125
- Smith, V. see Sheline, G.E. 1-35837
- Smith, V.H., Jr. see Foti, A.E. 1-10659
- Smith, V.H., Jr. see Kaijser, P. 1-33512
- Smith, V.H., Jr. see Mrozek, J. 1-19029
- Smith, V.H., Jr. see Petelenz, P. 1-7528
- Smith, V.H., Jr. see Thakkar, A.J. 1-33430, 1-45817
- Smith, V.I. see Fritzsche, J.L. 1-41402
- Smith, V.J. see Bourquin, M. 1-10276
- Smith, V.V., Sneden, C., Pilchowski, C.A. A spectrum analysis of the bright barium star ζ Capricorn 1-44561
- Smith, W. see Manvi, R. 1-53643
- Smith, W. see Payne, R.E. 1-23143
- Smith, W.A. see Jacco, J.C. 1-26377
- Smith, W.A. see Loiacono, G.M. 1-26138
- Smith, W.D. The b-value as an earthquake precursor 1-35949
- Smith, W.H., Macy, W., Jr., Pilcher, C.B. Measurements of the H_2 4,0 quadrupole bands of Uranus and Neptune 1-22723
- Smith, W.H. see Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Smith, W.H., Franklin, T.D., Jr., Kataokura, K., Patrick, J.T., Fry, F.J., Eggleton, R.C. A simple device to couple linear array transducers to neonate heads for ultrasonic scanning of the brain 1-53843
- Smith, W.L. see Deaton, T.F. 1-37531
- Smith, W.T., Jr. Instrumental techniques in coal research 1-53499
- Smith-Kintner, J. see Drews, G. 1-10229
- Smithrick, J.J. Effect of positive pulse charge waveforms on cycle life of nickel-zinc cells 1-53590
- Smithson, T.L., Wieser, H. The far-infrared spectrum and barrier to planarity of 2-cyclohexene-1-one 1-1216
- Smithson, T.L. see Dixon, E.A. 1-45960
- Smithwick, M.E. see Nairn, A.E.M. 1-53975
- Smits, A.J., Perry, A.E. A note on hot-wire anemometer measurements of turbulence in the presence of temperature fluctuations 1-42109
- Smits, J. see Elshuraydeh, K. 1-53945
- Smittion, C., Williams, W.M. An environmental monitoring programme to assess and control the effects of liquid effluent discharges of low radio-activity to an inland lake 1-4222
- Smoes, M.G. see Glyde, H.R. 1-34440

- Smokin, V., Starostin, J. Bubble films grown on calcium-germanium-gallium garnet (CGGG) substrates 1-8240
- Smokin, V.I. see Starostin, Yu.V. 1-42988
- Smokler, H. see Franklin, A. 1-40615
- Smokotin, E.M. see Petrakovskii, G.A. 1-26006
- Smolders, F.J.B. see van Gorp, G.J. 1-11908
- Smolenskii, G.A., Krainik, N.N., Baisa, D.F., Taranov, E.A., Skorbun, A.D., Popov, S.N. Two-pulse electroacoustic and nuclear quadrupole echo in bismuth germanate at low temperatures 1-21081
- Smolenskii, G.A., Sinii, I.G., Arndt, Kh., Prokhov, S.D., Kuz'minov, E.G., Mikvabiya, V.D., Kolkakova, N.N. Light scattering in triaracine calcium chloride (TSCC) 1-8050
- Smolenskii, G.A., Sinii, I.G., Kuz'minov, E.G., Dudnik, E.F. Optical phonons and soft modes in the ferroelectric $KFe(MoO_4)_3$ 1-8048
- Smolenskii, G.A. see Kizhach, S.A. 1-25909
- Smolin, M.D. see Ivashina, Yu.K. 1-16774
- Smolin, M.D. see Lukash, E.S. 1-35450
- Smolka, R. see Laurig, W. 1-35894
- Smolkin, B.D. see Miller, V.A. 1-46581
- Smol'nikov, B.M. On abyssal electrical conductivity of the Crimea Plain 1-9078
- Smolnikov, B.M. see Rokityanskii, I.I. 1-27061
- Smol'nikov, E.A., Umanets, V.V. Shortened tempering time for high-speed steels R6M5, R6M5K5, and R9M4K8 1-48384
- Smolovich, A.M. see Lyubavskaya, I.K. 1-29237
- Smolski, A. On the hierarchy of constraints in general relativity 1-9881
- Smol'skii, S.L. see Sergienko, V.A. 1-45467
- Smolyak, B.M., Brainin, M.I. The electrocapillary effect in the water-hexane system upon ionization of the liquids 1-52394
- Smolyakov, B.P., Khaimovich, E.P. Microwave tunnel echo in glasses with paramagnetic iron-group impurity ions 1-26027
- Smolyakov, V.I. see Mosev, L.I. 1-23867
- Smolyanskii, S.A. see Polyanovskii, V.M. 1-2999, 1-41775
- Smolyarenko, E.M., Yakimovich, V.N. Enthalpy and entropy of formation of $ZnSnAs_2$ 1-43692
- Smook, J., Flinterman, M., Pennings, A.J. Influence of spinning/hot drawing conditions on the tensile strength of porous high molecular weight polyethylene 1-26421
- Smorgonskaya, E.A. see Kolomiets, B.T. 1-20832
- Smorodin, F.K. see Dudkin, V.T. 1-29700
- Smorodin, V.E. see Almazov, L.A. 1-52393
- Smorodin, V.I. see Gorbatsky, M.F. 1-19241
- Smorodinskii, Yu.A. see Danilov, Yu.A. 1-36810
- Smorodinskii, Yu.G. see Vlasov, K.B. 1-38963
- Smotrakov, V.G. see Shevchenko, N.B. 1-34971
- Smotrel, J.R. see Karsch, B.A. 1-10492
- Smrcek, K. Agreed characteristics of silver powders 1-48299
- Smriglio, F. see Altamore, A. 1-9487
- Smrkovsky, E. The possibilities of increasing the yield point of austenitic corrosion resistive steels 1-8373
- Smurzynski, J. see Letowski, T. 1-15334
- Smushkovich, V.L., Buyanov, G.I., Bogatenin, V.N., Smirnova, N.A., Shvedkov, Yu.A. Machine for fatigue-testing flat specimens 1-21669
- Smy, P.R. see Woods, H.A. 1-11622
- Smykova, S.V. see Dzhalilshvili, M.N. 1-39287
- Smyrl, W.H. Current transients and stress corrosion cracking in LiCl-KCl 1-48571
- Smyshlyaev, S.P., Kaptsov, L.N., Etyukhov, K.N., Golyaev, Yu.D. Rotating beams in a solid-state laser with a nonplanar ring cavity 1-33724
- Smyslov, V.I., Polyakov, V.L., Maksimov, R.D., Anufriev, B.N., Shorshorov, M.Kh., Oganov, R.A., Sokolov, E.A. Anisotropy of mechanical properties of combined laminated fabrics based on organic and inorganic fibres 1-48436
- Smyslov, Y.N. see Fisher, O.N. 1-25217
- Smyth, J.R. MANTLE: a program to calculate a 30 kbar norm assemblage [in terrestrial planet mantles] 1-49413
- Smyth, J.R. see Bray, D.J. 1-31523
- Smyth, R.R. see Saari, D.P. 1-53629
- Smythe, W.D. see Porter, L.D. 1-32367
- Snaddon, R.W.L., Poulter, R.M. Mass transfer and dissipation in unipolar electrophoretic flows 1-24889
- Snagovskii, L.M. see Taran, Yu.N. 1-8299
- Snagovskii, Yu.S. The kinetics of reactions on a surface consisting of several types of catalysis sites 1-39686
- Snavey, M.K. see Grasselli, J.G. 1-36470
- Snay, R.A., Cline, M.W. Geotectonically derived strain at Shelter Cove, California 1-22262
- Snead, C.L., Suenaga, M. Synergism between strain and neutron irradiation in filamentary Nb₃Sn conductors 1-16392
- Snead, C.L., Jr. see Caton, R. 1-2335
- Sneddon, R. see Harris, A.J. 1-3051
- Snedeker, R.S. see Hecht, A.M. 1-15531
- Snedden, C. see Smith, V.V. 1-44561
- Snediker, D.K., Draughals, E.J. The role of inclusions in the formation of boundary films on iron surfaces 1-16905
- Snegirev, S.D. see Bystrov, M.V. 1-22629
- Snegov, M.I., Cherkasov, A.S. Effect of the concentration of the components of aqueous-micellar solutions of rhodamine 6G on their spectral luminescent properties 1-43167
- Snegovskoi, S.S. see Solov'ev, S.L. 1-13456
- Snegurskii, A.V. see Zavllopulo, A.N. 1-23368
- Snel, J. The doped Si/SiO₂ interface 1-34800
- Snelgrove, J.L. see Bretsch, M.M. 1-50863
- Snelgrove, J.L. see Deen, J.R. 1-50770
- Snell, A.H., Bradner, H., Brolley, J.E., Camac, M., Kern, B.D., Levinger, J.S., Meiners, E.P., Mitchell, A.C.G., Nezel, A.A., Rall, W., Sampson, M.B., Wilkinson, R.G. The Cyclotron Group at the Metallurgical Laboratory, Chicago, 1940-44 1-22987
- Snell, A.H. see Young, G.R. 1-14534
- Snell, A.J., Spear, W.E., Le Comber, P.G. The lifetime of injected carriers in amorphous silicon junction devices 1-52648
- Snell, R. see Wooten, A. 1-9618
- Snell, R.L. see Langer, W.D. 1-9628
- Snell, R.L. see Wooten, A. 1-9602
- Snetsinger, K. see Hayes, D. 1-36033
- Sneyers, R. Some remarkable features of the climate of Belgium 1-36020
- Snezhko, L.I. Results of Hartmann test of the BTA second main mirror 1-13692
- Snezhko, Yu.A. see Azovtsev, V.P. 1-32960
- Snezhko, E.L. see Koretskaya, L.S. 1-16993
- Sniadower, L., Dumoulin, L., Nedelle, P., Burger, J.P. Normal state resistivity and superconductivity in Pd_{1-x}Ni_xD alloys 1-30861
- Sniatycki, J. On particles with isotopic spin 1-33131
- Snider, A.D. see Kraus, A.D. 1-37919
- Snider, F.G. see De Boer, J. 1-13445
- Snider, J.B., Guiraud, F.O., Hogg, D.C. Comparison of cloud liquid content measured by two independent ground-based systems 1-22527
- Snider, M.T. see Teplick, R. 1-26931
- Snider, N. Dissociation and exchange in collinear Br₂+He₂ collisions 1-35517
- Snider, R.F., Coombe, D.A., Parvatiyar, M.G. Interpretation of ES, CS, and IOS approximations within a translational-internal coupling scheme. III. Exact and CS molecule-molecule cross sections 1-46088
- Snider, R.F., Coope, J.A.R., Sanctuary, B.C. Theory of the Senftleben-Benackner effects for NH₃ and ND₃: Collision integrals 1-14976
- Snijders, J.C. see Ziegler, T. 1-45868
- Snijders, J.G. see Ziegler, T. 1-6401
- Snijders, M.A.J. see Boksenberg, A. 1-44666
- Snijders, M. see De Coninck, R. 1-4032
- Snipes, M.B. see McClellan, R.O. 1-53832
- Snipes, M.B. see Runkle, G.E. 1-9045
- Snitko, O.V. see Antonyuk, V.N. 1-31119
- Snitko, O.V. see Matsas, E.P. 1-21779
- Snitko, O.V. see Venger, E.F. 1-2890
- Snively, L.O. see Drumheller, J.E. 1-34341
- Snodgrass, D. see Kerlin, T.W. 1-50817
- Snodgrass, M.L. see Huffman, J.E. 1-42746
- Snoke, A.W., Kish, S.A., Secor, D.T., Jr. Deformed Hercynian granite rocks from the Piedmont of South Carolina 1-44130
- Snook, I. see van Megen, W. 1-26752
- Snook, I.K., Van Megen, W. Calculation of solvation forces between solid particles immersed in a simple liquid 1-53485
- Snook, I.K. see Gaylor, K.J. 1-21793
- Snook, I.K. see van Megen, W.J. 1-47137
- Snopko, V.N., Tsaryuk, O.V. Influence of anisotropy of an intracavity plate on the polarization of CO₂ laser radiation 1-6593
- Snow, G.A. see Hanlon, J. 1-18464
- Snow, G.A. see Kitagaki, T. 1-18467
- Snow, J.T., Church, C.R., Barnhart, B.J. An investigation of the surface pressure fields beneath simulated tornado cyclones 1-17664
- Snow, J.T. see Church, C.R. 1-22383
- Snow, T.P. see Lamers, H.J.G.L.M. 1-44557
- Snow, T.P., Jr., Jenkins, E.B. Interstellar depletions and far-ultraviolet extinction in the Rho Ophiuchi cloud 1-32733
- Snow, T.P., Jr., Oegerle, W.R., Polidan, R.S. The rate of mass loss and variations in the wind from the Be star δ Centauri 1-49672
- Snow, T.P., Jr., Seab, C.G. An anomalous ultraviolet extinction curve in the Taurus dark cloud 1-49772
- Snow, T.P., Jr. see Cash, W. 1-32774
- Snow, W.L., Wells, W.L. The spectral opacity of triatomic carbon measured in a graphite tube furnace over the 280 to 600 nm wavelength range 1-6236
- Snowden, K.U., Hughes, D.S., Stathers, P.A. Grain-boundary cavity growth during high-temperature creep and fatigue 1-43443
- Snowdon, K.J., Heiland, W., Taglauer, E. Molecule formation during sputtering by two-body associative ionization with diabatic curve crossing 1-39203
- Snyder, A. see Derrick, M. 1-45261
- Snyder, A.L. see Rush, C.M. 1-32579
- Snyder, A.W. Understanding monomode optical fibers 1-37624
- Snyder, C.E., Jr. see Jones, W.R., Jr. 1-31669
- Snyder, D.B. see Dickinson, J.T. 1-12872
- Snyder, H.A. see Timmerhaus, K.D. (editor) 1-44718
- Snyder, H.D. see Ito, A.S. 1-45373
- Snyder, J.J. see Bloch, D. 1-37549
- Snyder, J.P. see Crans, D.C. 1-45821
- Snyder, K.J. see Au, W.W.L. 1-11269
- Snyder, L. Television optics for the Voyager mission to Jupiter and Saturn 1-4743
- Snyder, L.C. see Moskowitz, J.W. 1-51133
- Snyder, L.E. see Hollis, J.M. 1-32732, 1-44607
- Snyder, L.E. see Jewell, P.R. 1-44568
- Snyder, M. see Jafarizadeh, M.A. 1-23414
- Snyder, P.G. see Dougal, R.A. 1-51512
- Snyder, R.G. see Kint, S. 1-10736
- Snyder, R.G. see Reneker, D.H. 1-11683
- Snyder, R.L., Dobson, F.W., Elliott, J.A., Long, R.B. Array measurements of atmospheric pressure fluctuations above surface gravity waves 1-49348
- Snyder, R.L. see Mallory, C. 1-29956
- Snyder, R.L. see Osgood, B.C. 1-29950
- Snyder, S.M. see Sivieri, E.M. 1-35927
- Snygg, J. Use of operator wave functions to construct a refined correspondence principle via the quantum mechanics of Wigner and Moyal 1-22977
- So, B.Y.C., Klaus, E.E. Viscosity-pressure correlation of liquids 1-42443
- So, C.B., Woo, C.H. Perturbative pseudopotential calculations of vacancy formation energies in simple metals 1-42378
- So, E., Moore, W.J.M. A direct-reading AC comparator bridge for resistance measurement at power frequencies 1-36684
- So, E. see Meyer, R.J. 1-11962
- So, R.M.C. On the curvature/buoyancy analogy for turbulent shear flows 1-42031
- So, S.P., Wetmore, R.W., Schaefer, H.F. Excited singlet electronic states of acetylene: cis and trans structures and energetics 1-33373
- So, V.C.Y. see Fukui, M. 1-39173
- So, V.C.Y. see Fukui, M. 1-3036
- So Myoung-Gi see Myoung-Gi So
- So-Young Pi see Hagiwara, T. 1-50296
- Soardo, G.P. see Cecchetti, A. 1-12348
- Soares, C.A.O. see Meyers, M.A. 1-11814
- Soares, I.D. Gravitational coupling of neutrinos to matter vorticity: microscopic asymmetries 1-44813
- Soares, J.C. see Lopes, J.S. 1-24234
- Soares, O.D.D. Self-imaging devices for optical communications 1-19476
- Soares, O.D.D., Leite, A.M.P.L. Holographic image degradation due to wavefront defects 1-15109
- Soares, O.D.D. see Leite, A.M.P.P. 1-12925
- Soave, G. Rigorous and simplified procedures for determining the pure-component parameters in the Redlich-Kwong-Soave equation of state 1-20351
- Sobachkin, I.V. see Vernov, S.N. 1-4731
- Sobajic, M. New method for low direct-current generation 1-28026
- Sobaszek, A. Discrete random walk and the boundary condition for transport 1-50069
- Sobczyk, H. see Wysokinski, K.I. 1-16386
- Sobczyk, K. see Kotulski, J. 1-40715
- Sobczyk, Z. see Grech, E. 1-28962
- Sobczynski, Z. see Drodzowicz, K. 1-28510
- Sobel, B.E. see Klepper, J.R. 1-53839
- Sobel, B.E. see Ter-Pogossian, M.M. 1-32234
- Sobel, H.W. see Reines, F. 1-5616
- Sobel, M.I. Kinetic theory derivation of the adiabatic law for ideal gases 1-9807
- Sobel, M.I. see Samadpour, S.K. 1-41136
- Sobell, H.M. see Lozansky, E.D. 1-39961
- Sobhanadri, J. see Jeyaraj, M. 1-8000
- Sobhanadri, J. see Jeyaraj, M. 1-34979
- Sobhanadri, J. see Krishna, J.G. 1-52888
- Sobiczewski, A. Exotic states of nuclei 1-50554
- Sobiczewski, A. see Baran, A. 1-50679
- Sobiech, W. Microwave-vacuum drying of sliced parsley root 1-36653
- Sobierajski, J. see Gran, R. 1-916
- Sobkowski, F. see Wieckowski, A. 1-52435
- Sobol, A.A. see Ignat'ev, B.V. 1-21213
- Sobol', A.A. see Voron'ko, Yu.K. 1-12509
- Sobol', I.A. see Krivoshein, D.A. 1-39297
- Sobol', V.P. see Borshov, A.A. 1-33640
- Sobolev, B.P. see Garashina, L.S. 1-2390
- Sobolev, B.P. see Gorbulev, V.A. 1-35241
- Sobolev, B.P. see Morozov, V.I. 1-38581
- Sobolev, B.V. see Belyaev, V.N. 1-51065
- Sobolev, B.V. see Bondarenko, V.S. 1-25766
- Sobolev, E.V. see Mukhina, L.L. 1-16163
- Sobolev, E.V. see Orlov, D.L. 1-39480
- Sobolev, G.A., Serov, O.B. Recording color reflection holograms 1-51424
- Sobolev, G.A. see Sondergeld, C.H. 1-22337
- Sobolev, L.M. see Parfianovich, I.A. 1-3474, 1-37554
- Sobolev, N.N. see Aronovkhov, V.P. 1-33708
- Sobolev, N.N. see Brukhovetskiy, A.P. 1-29129
- Sobolev, N.N. see Kitaeva, V.F. 1-21221
- Sobolev, N.N. see Zolot'ko, A.S. 1-35067
- Sobolev, V.A. see Basov, N.G. 1-24389
- Sobolev, V.F. see Lakutina, V.A. 1-52012

- Sobolev, V.L. *see* Pashkevich, Yu.G. 1-31002
 Sobolev, V.L. *see* Semihozhenko, V.P. 1-31003
 Sobolev, V.L. *see* Semihozhenko, V.P. 1-3166
 Sobolev, V.S. *see* Krugljak, Z.B. 1-42025
 Sobolev, V.V. Theoretical light curves of supernovae 1-9541
 Sobolev, V.V., Alekseeva, S.A., Gorenberg, V.L. Expansion of the dielectric function of silicon and germanium crystals into elementary parts 1-16578
 Sobolev, V.V., Alekseeva, S.A., Gorenberg, V.L. Resolution of the integral dielectric functions of GaAs and InAs into component parts 1-31115
 Sobolev, V.V., Alekseeva, S.A., Zagainov, E.F., Donetskikh, V.I., Kroitoru, S.G. Reflection spectra and optical functions of In_2Se_3 1-52965
 Sobolev, V.V., Gorenberg, V.L., Alekseeva, S.A. Resolution of the integral dielectric functions of GaP and InP into component parts 1-31114
 Soboleva, A.G. *see* Kompanets, I.N. 1-34806
 Soboleva, E.B. *see* Molodnyakov, S.P. 1-43685
 Soboleva, E.M. *see* Kompanets, I.N. 1-34806
 Soboleva, L.V. *see* Treushnikov, E.N. 1-2423
 Soboleva, N.S. *see* Berlin, A.B. 1-17898
 Soboleva, T.K., Stefanovskii, E.P. Theory of spin-orientation phase transitions in trigonal antiferromagnets 1-3208
 Soboleva, T.K., Stefanovskii, E.P. Antiferromagnetic resonance in trigonal antiferromagnets 1-3268
 Soboleva, T.K., Stefanovskii, E.P. On the theory of spin reorientation in rhombohedral antiferromagnets 1-20988
 Soboleva, T.K. *see* Kochurko, A.S. 1-24948
 Sobol'va, T.N., Rudnitsky, L.A., Alekseyev, A.M. Thermogravimetry of the $\text{NiO-Al}_2\text{O}_3$ system in a hydrogen flow 1-26785
 Soboleva, V.V. *see* Kudinov, V.V. 1-16618
 Sobolevskii, A.S. *see* Pokryvailo, N.A. 1-15516
 Soboluk, V. Creeping flow of the Bingham fluid through an oscillating slit 1-51820
 Sobornov, O.P., Lebedev, A.I. Dependence of light yield of inorganic scintillation detectors on energy of gamma and alpha radiation 1-51037
 Sobotka, Z. Two-dimensional rheological models for simple and fibre-reinforced viscoelastic materials 1-33904
 Sobouti, Y. Normal modes of rotating fluids 1-4757
 Sobouti, Y. *see* Dixit, V.V. 1-4755
 Sobra, K. *see* Maloch, J. 1-14707
 Sobral, J.H.A., Abdu, M.A., Batista, I.S. Airglow studies on the ionosphere dynamics over low latitude in Brazil 1-44355
 Sobral, J.H.A., Abdu, M.A., Zamlutti, C.J., Batista, I.S. Association between plasma bubble irregularities and airglow disturbances over Brazilian low latitudes 1-36093
 Sobry, R. *see* Van Den Bossche, G. 1-46152
 Socha, J.B., Rees, G.J. Ballistic electron transport in a nonparabolic band 1-20717
 Socha, R. *see* Denus, S. 1-34118
 Sochacki, J. *see* Jansson, T. 1-1724
 Sochelnikov, V.V. Possibility of electromagnetic bottom sounding from the results of observations of the field of ocean currents 1-22516
 Sochilina, I.N., Ukhano, Yu.I. Composition dependence of the oscillator strength of optical transitions in $\text{Al}_x\text{Ga}_{1-x}\text{Sb}$ solid solutions 1-21160
 Socino, G. *see* Alippi, A. 1-1791, 1-19408
 Socio, L.M. *see* de Socio, L.M.
 Socolescu, D. Proof of the existence and uniqueness of a solution of the Navier-Stokes equations of motion for the steady flow of a fluid with an indeterminate free surface 1-6891
 Socolovsky, M. *see* Craigie, N.S. 1-14427
 Soda, G. *see* Takeda, S. 1-21068
 Soda, K. *see* Ito, H. 1-46890
 Soda, K. *see* Tanimura, K. 1-35077
 Soda, K. *see* Toriumi, K. 1-2437
 Soda, K.J. *see* Yu, T. 1-3453
 Sodano, P. *see* Martellini, M. 1-5215
 Sodeik, A. *see* Brieger, M. 1-29141, 1-46166
 Sodeika, A.S. *see* Griscenka, G.A. 1-20748
 Soderberg, S. *see* Hogmark, S. 1-39403
 Soderblom, D.R. *see* Herbig, G.H. 1-44549
 Soderblom, L., Johnson, T., Morrison, D., Danielson, E., Smith, B., Veverka, J., Cook, A., Sagan, C., Kupperman, P., Pieri, D., Mosher, J., Avis, C., Gradie, J., Clancy, T. Spectrophotometry of Io: preliminary Voyager 1 results 1-36209
 Soderholm, L., Gredan, J.E. Magnetic properties of the pyrochlores $(\text{RE})_2\text{VO}_7$; $\text{Re}=\text{Tm}$, Yb , Lu . New ferro- and ferrimagnetic semiconductors 1-25912
 Soderstrom, O. Dynamic scattering function of liquid lead at 623K 1-46989
 Soderstrom, O., Copley, J.R.D., Suck, J.-B., Dorner, B. Tests of criteria for the existence of collective excitations in liquid metals 1-30037
 Sodha, M.S., Kumar, A., Srivastava, A., Tiwari, G.N. Thermal performance of 'still on roof' system 1-17241
 Sodha, M.S., Kumar, A., Tiwari, G.N., Tyagi, R.C. Simple multiple wick solar still: analysis and performance 1-53664
 Sodha, M.S., Malhotra, P.K., Sharma, R.P. Non-linear interaction of an intense laser beam with an electron plasma wave: generation of ion-acoustic wave 1-46897
 Sodha, M.S., Nayak, J.K., Kaushik, S.C. Physics of shallow solar pond water heater 1-21913
 Sodha, M.S., Singh, U., Kumar, A., Tiwari, G.N. Transient analysis of solar still 1-17242
 Sodha, M.S., Sinha, S.K., Sharma, R.P. Lower hybrid electrostatic wave generation at difference frequency of two microwaves 1-19899
 Sodha, M.S., Srivastava, A., Tiwari, G.N., Kaushik, S.C. Performance of a constant flow sand solar collector 1-39822
 Sodha, M.S. *see* Kaushik, N.D. 1-39821
 Soding, P. Jet analysis 1-14406
 Soding, P. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Soding, P. *see* Drews, G. 1-10229
 Sodomka, L., Leistner, M., Tessmar, H., Karel, F. Mechanoluminescence and acoustical emission 1-46642
 Sodomka, L. *see* Balas, V. 1-3516
 Soedel, W. *see* Rauen, D.G. 1-1789
 Soep, B. *see* Jouvot, C. 1-10810
 Soerensen, O.H., Dueholm, B., Mygind, J., Pedersen, N.F. Theory of the singly quasidegenerate Josephson junction parametric amplifier 1-16411
 Soff, G., Reinhardt, J., Greiner, W. Spin polarization of electrons induced by strong collisional magnetic fields 1-46076
 Soff, G. *see* Muller, U. 1-10114
 Soff, G. *see* Reinhardt, J. 1-14988, 1-45522
 Soffa, W.A. *see* Gregg, J. 1-21463
 Soffel, M., Muller, B., Greiner, W. Dirac particles in Rindler space 1-10079
 Soffer, A. *see* Horwitz, L.P. 1-5541, 1-5542
 Soffer, B.H., Boswell, D., Lackner, A.M. Optical computing with variable grating mode liquid crystal devices 1-51602
 Soffer, B.H., Boswell, D., Lackner, A.M., Tanguay, A.R., Jr., Strand, T.C., Sawchuk, A.A. Variable grating mode liquid crystal device for optical processing 1-24478
 Soffer, J. *see* Bourrelly, C. 1-562
 Sofi, G.Q. Leptonic and hadronic decay widths of next quarkonium (η) 1-10201
 Sofia, H. *see* Broglia, R.A. 1-10342
 Sofia, S. *see* Endal, A.S. 1-54472
 Sofia, S. *see* Kafatos, M. 1-44609
 Sofianos, S., Fiedeldey, H. Energy-dependent pole expansions for the effective potentials in the four-body integral equations with tensor forces 1-5682
 Soffield, C.J., Cowern, N.E.B., Freeman, J.M. On a reported discrepancy between predicted and observed energy-loss straggling of fully stripped ions 1-6116
 Soffield, C.J. *see* Erents, S.K. 1-25056
 Soffield, C.J. *see* Shea, J.H. 1-25042
 Sofko, G.J. *see* Halbousis, C.I. 1-27335
 Sofue, Y. Magneto-hydrodynamic disturbances from galactic nuclei. Formation of double radio sources and huge galactic bubbles 1-4981
 Sofue, Y., Furst, E., Hirth, W. Radio continuum observations at 5 GHz of the supernova remnant S147 1-4965
 Sofue, Y., Takano, T., Fujimoto, M. Bisymmetric open-spiral configuration of magnetic fields in the galaxies M51 and M81 1-27602
 Soga, F. *see* Sjoreen, T.P. 1-23633
 Soga, N. *see* Hirao, K. 1-3306
 Soga, N. *see* Komatsu, T. 1-43043
 Sogabe, T., Hori, S. Precipitation in a Cu-26Ni-8Fe alloy 1-3745
 Sogard, M.R. Thin films for SEM specimen coatings: the backscattered electron contribution 1-23378
 Soglasnov, V.A. *see* Bartel, N. 1-36316
 Sogo, T. *see* Takamiya, S. 1-11023
 Soh Kwang Sup *see* Kwang Sup Soh
 Sohl, C.H., Miyano, K., Ketterson, J.B., Wong, G. Viscosity and surface-tension measurements on cyanobenzylidene octyloxylaniline using propagating capillary waves: critical behavior 1-2779
 Sohm, J.C. *see* Bernard, M. 1-39848
 Sohm, J.-C., Mas, L. New diaphragm for electrolyzers 1-39651
 Sohma, J. *see* Tabata, M. 1-8584
 Sohmmer, H., Kinari, R., Gafni, M. The source along the basilar membrane of the cochlear microphonic potential recorded by surface electrodes in man 1-26910
 Sohnius, M.F., Stelle, K.S., West, P.C. Dimensional reduction by Legendre transformation generates off-shell supersymmetric Yang-Mills theories 1-5479
 Sohnius, M.F. *see* Breitenlohner, P. 1-50020
 Sohrabi, M. Electrochemical etching of fast-neutron-induced recoil tracks: The effects of field strength and frequency 1-51049
 Soifer, B.T., Neugebauer, G., Oke, J.B., Matthews, K. Infrared and optical observations of the hydrogen lines in quasars 1-54651
 Soileau, M.J., Bass, M., Klein, P.H. Frequency and focal volume dependence of laser-induced breakdown in wide band gap insulators 1-39195
 Soileau, M.J., Porteus, J.O., Decker, D.L. Laser-induced breakdown of diamond-machined window surfaces 1-1605
 Soileau, M.J., Porteus, J.O., Decker, D.L. Laser-induced breakdown of diamond-machined window surfaces 1-29313
 Soileau, M.J. *see* Van Straylight, E.W. 1-53018
 Soize, C. Oscillators submitted to squared Gaussian processes 1-5232
 Sojka, J.J. *see* Johnson, J.F.E. 1-51984
 Sojka, R.J. *see* Naff, J.T. 1-25109
 Sokabe, N. *see* Yasuda, Y. 1-24404
 Sokachev, E.S. *see* Ogievetskii, V.I. 1-5207, 1-5208, 1-9905
 Sokalski, K. Dynamical stability of instantons 1-36802
 Sokalski, K., Wojcik, W. The grand-canonical ensemble description of a diluted Ising ferromagnet. Critical temperature dependence on the value of the chemical potential 1-30961
 Sokalski, K. *see* Wojcik, W. 1-44858
 Sokalski, W.A. Evaluation of molecular cartesian coordinates by a programmable calculator 1-46156
 Sokalski, W.A., Hariharan, P.C., Popkie, H.E., Kaufman, J.J. Explanation of the artifact structure predictions within the semiempirical ZDO SCF supermolecular approach 1-1098
 Sokalski, W.A. *see* Lipinski, J. 1-14818
 Sokhranov, N.N., Zakharov, E.V., Yarmakhov, I.G. Influence on lateral logging sounding results of zone of penetration with real distribution of resistivity 1-13395
 Soklakov, A.I. *see* Strugach, L.S. 1-15809
 Sokol, I.Ya. *see* Korneev, G.N. 1-43364
 Sokol, P.E. *see* Cochran, W.T. 1-16139
 Sokolenco, L.M., Bykov, Yu.A., Belov, A.I. The composition and static and dynamic magnetic properties of hot-pressed nickel-zinc ferrites 1-30979
 Sokolenco, L.M., Bykov, Yu.A., Belov, A.I. The influence of internal stresses on the magnetodynamic characteristics of ferrites 1-52821
 Sokolenco, V.I. *see* Gindin, I.A. 1-31527
 Sokolic, F. *see* Hendekovic, J. 1-33385
 Sokolik, G.A. *see* Kuntsevich, N.I. 1-36758
 Sokolina, E.A. *see* Maslennikova, G.N. 1-31389
 Sokolov, R., Muller, B. Modification of the surface structure of single-crystal quartz crystals in consequence of their interaction with simple gases at high temperature. II. Treatment with water vapour and chlorine 1-2785
 Sokoloff, D.D. *see* Ruzmaikin, A.A. 1-54365
 Sokoloff, J.B. Monte Carlo studies of the two-dimensional registry transition 1-11979
 Sokoloff, J.B. Electron localization in crystals with quasiperiodic lattice potentials 1-34645
 Sokoloff, J.B. Quasiclassical theory of quantum particles in two incommensurate periodic potentials 1-47423
 Sokoloff, J.B. Molecular-dynamical studies of the depinning of charge-density waves 1-47515
 Sokolov, A.A. Electromagnetic and gravitational synchrotron radiation 1-29201
 Sokolov, A.A., Ternov, I.M., Zhukovskii, V.Ch., Borisov, A.V. Quantum effects in synchrotron radiation 1-18054
 Sokolov, A.A. *see* Alier, A.N. 1-44817
 Sokolov, A.A. *see* Panasjuk, V.S. 1-33357
 Sokolov, A.G. *see* Suvorov, A.I. 1-7055
 Sokolov, A.I. Phase transitions in a superfluid neutron fluid 1-13797
 Sokolov, A.I. *see* Maier, I.O. 1-21148
 Sokolov, A.I. *see* Sumin, A.V. 1-44045
 Sokolov, A.N., Shurygina, I.V., Shmitt, F., Feglevich, S.P., Fisher, O.N., Petrov, Yu.B., Shkul'kov, A.V. Variable-composition fused mullite obtained by induction melting in a cold crucible 1-12727
 Sokolov, A.S. *see* Fedorov, V.M. 1-3803
 Sokolov, B.K. *see* Sidorov, V.A. 1-8324
 Sokolov, D.D. *see* Ruzmaikin, A.A. 1-13683, 1-19983
 Sokolov, E.A. Experimental evaluation of the strength anisotropy of a unidirectionally reinforced organic fiber-reinforced plastic 1-12813
 Sokolov, E.A. *see* Maksimov, R.D. 1-31550
 Sokolov, E.A. *see* Plume, E.Z. 1-31521
 Sokolov, E.A. *see* Smyslov, V.I. 1-48436
 Sokolov, E.B. *see* Buzynin, Yu.N. 1-30114, 1-30115
 Sokolov, E.B. *see* Ivanyutin, L.A. 1-38315
 Sokolov, G.L. *see* Dakhno, L.G. 1-40995
 Sokolov, I.A. *see* Dul'nev, G.N. 1-16037
 Sokolov, I.A. *see* Kur'yan, Yu.A. 1-22556
 Sokolov, I.A. *see* Mazets, E.P. 1-9731
 Sokolov, I.V. *see* Smirnov, D.F. 1-41343
 Sokolov, K.P. *see* Braude, S.Ya. 1-54400
 Sokolov, L.D. *see* Mal'tsev, M.V. 1-26450
 Sokolov, L.L., Kholoshevnikov, K.V. Representability of solutions of three-body problems by conditionally periodic functions. II 1-13676
 Sokolov, L.S. *see* Garashchenko, F.G. 1-51000

- Sokolov, M.**, Antonia, R.A., Chambers, A.J. A similarity transformation for a turbulent spot in a laminar boundary layer 1-29647
- Sokolov, M.** see Moalem-Maron, D. 1-19701
- Sokolov, M.N.**, Sverdlov, L.M. Fluorescence spectrum of naphthalene. A theoretical study 1-46016
- Sokolov, N.I.** see Belov, A.V. 1-6674
- Sokolov, N.I.** see Devyat'ykh, G.G. 1-33782
- Sokolov, N.S.** see Gastev, S.V. 1-16231
- Sokolov, O.G.** see Rozhkova, S.B. 1-35333
- Sokolov, S.E.** see Stupko, A.I. 1-49167
- Sokolov, S.P.** see Gladstein, L.I. 1-53532
- Sokolov, S.S.** see Eisel'son, B.N. 1-2729, 1-2730
- Sokolov, S.S.** see Monarkha, Yu.P. 1-42603
- Sokolov, V.A.**, Fomin, L.M., Ympolskii, A.D. Linear mechanism for formation of internal wave spectrum in ocean 1-44200
- Sokolov, V.D.** see Moiseev, B.G. 1-54304
- Sokolov, V.G.** Formulae for improving orbits with small eccentricities and inclinations 1-49477
- Sokolov, V.G.**, Zaitseva, N.V., Sarkisyan, Yu.Kh. Non-standard equipment for intracavitary gamma-therapy rooms 1-39996
- Sokolov, V.I.**, Konstantinov, V.I., Moskvina, N.A. Investigation of bound excitons in ZnSe by the electroabsorption method 1-21174
- Sokolov, V.N.**, Osipov, V.I., Tolkachev, M.D. The electron microscopic studies of pore space of solids by a method of conjugate surfaces 1-45085
- Sokolov, V.N.** see Ershov, L.S. 1-29059
- Sokolov, V.N.** see Sergeyev, Y.M. 1-49266
- Sokolov, V.P.** see Kazantsev, A.P. 1-15074
- Sokolov, V.V.** see Gaisanyuk, A.V. 1-47759
- Sokolov, V.V.** see Skorniyakov, G.P. 1-12510
- Sokolov, V.V.** see Vasil'eva, I.G. 1-48335
- Sokolov, V.V.** see Ponomarev, Yu.N. 1-35399
- Sokolov, Yu.F.** Theory of domain walls and stripe domain structure in strongly anisotropic uniaxial ferromagnets 1-3214
- Sokolov, Yu.I.**, Orlov, L.I., Gel', E.P., Il'ina, Z.I. A borehole thermostat with an evaporative cooling system 1-32535
- Sokolov, Yu.V.** see Mal'tsev, M.V. 1-26450
- Sokolova, I.V.**, Orlovskaya, L.V., Zhigalova, E.B. Application of the molecular electrostatic potential (MESP) method to the study of the reactivity of aliphatic carboxylic compounds 1-35502
- Sokolova, L.V.** see Kalyashin, V.I. 1-15483
- Sokolova, N.A.** see Bondarovich, G.C. 1-18202
- Sokolova, S.E.**, Polyakov, I.P. Phase transitions in refractories during melting of lead-zinc raw material 1-12737
- Sokolova, V.A.** see Nesteruk, V.F. 1-39922
- Sokolova, V.M.**, Shelimova, L.E., Khromov, V.S., Abrikosov, N.Kh., Dudkin, L.D. Diffusion processes at the GeTe-(Sb, Se)₂Te₂ boundary 1-11919
- Sokolova, Z.Ya.** see Mazets, E.P. 1-9731
- Sokolovich, V.V.** see Petrakovskii, G.A. 1-34630
- Sokolovskiy, A.I.** see Brekhovskikh, G.L. 1-41779
- Sokolovskaya, E.M.** see Ivanov, V.K. 1-16719
- Sokolovskaya, E.M.** see Kut'nikov, V.A. 1-3793
- Sokolovskaya, E.M.** see Zaitsev, B.G. 1-8318
- Sokolovskii, B.S.** see Savitskii, V.G. 1-30757
- Sokolovskii, M.A.** see Kozlov, V.I. 1-32451
- Sokolovsky, K.A.** see Marennik, S.F. 1-3617
- Sokolov, S.V.** see Surgutshov, G.D. 1-39264
- Sokolowa, J.A.**, Gotlib, J.M., Kisselewa, R.S., Selenew, J.W., Woskresenski, W.A. Peculiarities of the dynamic mechanical behaviour of three dimensionally cross-linked epoxide resins 1-8362
- Sokolowska, A.** see Kozakowski, G. 1-45966
- Sokolowski, S.** On the solution of the nonuniform Percus-Yevick equation 1-2300
- Sokolowski, S.** On the summation of the virial expansion for the local density of a gas in contact with a solid 1-25562
- Sokol'skii, M.N.** see Agurov, I.P. 1-24473
- Sokol'skii, M.N.** see Zverev, V.A. 1-11064
- Sokol'skii, Yu.M.** Calculation of the speed of sound in tellurites 1-30329
- Sokol'sky, S.V.** see Lavrentev, F.F. 1-16803
- Sol, H.** see Capelato, H.V. 1-22902
- Sola, J.** see Grifols, J.A. 1-45333
- Solan, A.** see Bar-Yoseph, P. 1-18028
- Solana, J.R.** see Amoros, J. 1-52326
- Solanki, P.A.** see Sinha, H.S.S. 1-44208
- Solanki, R.**, Fairbank, W.M., Jr., Collins, G.J. Multiwatt operation of Cu II and Ag II hollow cathode lasers 1-29259
- Solar Radio Group** The Nobeyama 17 GHz solar interferometer of a multi-correlator type 1-13694
- Solaric, N.** The application of the cross-correlation function to the photoelectric time registration of stellar transits 1-4775
- Solbes, A.** see Kessler, R. 1-13147
- Solbrig, C.W.**, Reimann, J. Behavior of drag disc turbine transducers in steady-state two-phase flow 1-736
- Sole, K.**, Kleintjens, L., Koningsveld, R. Multiple critical points in polymer solutions 1-38247
- Soldatenko, N.N.** see Borkovskaya, O.Yu. 1-38847
- Soldatov, E.A.**, Ilyukhin, V.V., Kuz'min, E.A., Belov, N.V. Determination of the crystal structure of ammonium iodate di-iodic acid without calculation of Fourier series 1-30191
- Soldatov, E.A.**, Ilyukhin, V.V., Kuz'min, E.A., Belov, N.V. Determination of the crystal structure of rubidium iodate di-iodic acid RbIO₃·2HIO₃ without using Fourier series 1-30194
- Soldatov, E.A.**, Kuz'min, E.A., Ilyukhin, V.V. Crystal structure of NH₄(SeO₄)₂·4H₂O 1-25216
- Soldatov, E.A.**, Kuz'min, E.A., Ilyukhin, V.V., Belov, N.V. Algorithm for the algebraic method of calculating bands and vector systems 1-20027
- Soldatov, E.A.** see Khalmanov, V.V. 1-25190
- Soldatov, E.A.** see Lebedev, V.A. 1-25120
- Soldatov, M.M.** see Dunaitev, A.F. 1-14776
- Soldatov, V.P.** see Natsik, V.D. 1-15947
- Soldatov, V.P.** see Navratil, V. 1-53241
- Soldatov, V.P.** see Stulikova, I. 1-21526
- Soldatov, V.P.** see Zagoruiko, L.N. 1-2455
- Soldatov, V.S.**, Kuvaeva, Z.I. Infrared spectroscopic investigation of the hydration and intermolecular interaction of dinonylnaphthalenesulfonic acid and 2-ethylhexanol in solutions 1-6336
- Soldatov, V.S.**, Kuvaeva, Z.I., Yurevich, L.V. Effect of hydration on the infrared spectra of dinonylnaphthalenesulfonates 1-6257
- Soldatova, E.D.**, Tkachenko, T.B. Critical indices for the γ - α transformation in metallic cerium 1-2612
- Soldatova, G.M.** see Cherepanina, L.I. 1-12697
- Sole, R.** Del see Del Sole, R.
- Solem, J.C.**, Veeder, L.R., Lieber, A.J. Impedance-match experiments using laser-driven shock waves 1-38458
- Soleman, R.** see Brunner, F.K. 1-53963
- Soler, A.** see Barrett, D. 1-49941
- Solf, B.** see Makosch, G. 1-40751
- Solf, J.** The spectrum and the structure of the bipolar nebula S 106 1-27586
- Solgadi, G.** see Lahmani, F. 1-26761
- Soliani, G.** see Boscolo, I. 1-51439
- Soliman, M.O.**, Baker, A.J. Accuracy and convergence of a finite element algorithm for laminar boundary layer flow 1-15466
- Solimeno, S.** see Atteo, E. 1-1555, 1-51464
- Solimeno, S.** see Bruzese, R. 1-33653
- Solimeno, S.** see Cutolo, A. 1-1608
- Solimeno, S.** see Mastrocinque, G. 1-1544
- Solimini, D.** see Basili, P. 1-54279
- Solin, S.A.** X-ray and Raman studies of phase transitions in intercalated graphite 1-47231
- Solin, S.A.** see Hwang, D.M. 1-48208
- Solin, S.A.** see Wada, N. 1-2413, 1-34420
- Solinov, V.F.** see Burkov, V.I. 1-43099
- Solinov, V.F.** see Kravetski, S.L. 1-16550
- Solishchik, S.V.** see Zuev, I.V. 1-47113
- Soliver, C.E.** The derivation of effective Hamiltonians 1-9874
- Soliver, C.E.** The contact hyperfine interaction: an ill-defined problem 1-25852
- Solkani, V.N.**, Leonidov, N.B. Semiempirical quantum chemical calculation of ¹J(¹³CH) and ³J(¹³CH) spin-spin coupling constants 1-29001
- Sollogub, V.B.**, Chekunov, A.V., Shchukin, Yu.K., Guterkh, A., Kondorskaya, N.V., Sidorov, V.P., Kharitonov, O.M., Khomenko, V.I., Grad, M., Matezhok, R., Paikheil', Ya., Perkhuts', E. Project and the first results of international geophysical investigation of the deep structure of lithosphere along geotraverses in south-eastern Europe 1-22281
- Sollogub, V.B.**, Kharitonov, O.M., Chekunov, A.V. Deep structure of the East European platform from geophysical research data 1-27104
- Solman, L.R.** see Farnell, G.C. 1-31882
- Solmi, S.** see Finetti, M. 1-17200
- Solia, J.** Stimulated electron radiation in a medium due to wiggler magnet 1-16585
- Solnica, W.**, Lewinska-Romicka, A., Piskorski, S. Model device PRS 2.3 for nondestructive tests of steel bars 1-48601
- Solnicka, H.**, Trousil, J. Possibilities of use of phosphorus activation in thermoluminescent aluminophosphate glasses for thermal neutron dose determination 1-33367
- Sol'nitsev, R.I.** see Moskovchenko, L.V. 1-44912
- Solditsky, V.N.** see Lazarev, A.G. 1-11238
- Solodov, I.Yu.** see Mozhaya, V.G. 1-19493
- Solodovchenko, S.I.** see Voitsenya, V.S. 1-25048
- Solodovnik, A.F.** see Gostintsev, Yu.A. 1-32511
- Solodovnikova, R.I.** see Volobuev, V.S. 1-5305
- Solodukhin, A.D.** see Barkov, Yu.D. 1-13484
- Solodukhin, A.V.** see Agranovich, Ya.S. 1-15378
- Solodukhin, A.V.** see Gavrilova, N.D. 1-31098
- Solodukhin, A.V.** see Oskot'skii, V.S. 1-20429
- Solodukhov, G.V.** see Gurevich, G.M. 1-28463
- Solugub, V.G.** see Pazyln, L.A. 1-15058
- Solugub, V.V.**, Shubnikov, M.L., Itskovich, E.S., Kashirskaya, L.M., Parfen'ev, R.V., Golet'skaya, A.D. Alteration of the band structure of Bi₂Te₃ on hydrostatic compression 1-34625
- Solugub, V.V.** see Arushanov, E.K. 1-42675
- Solugub, Z.A.** see Yakovlev, A.A. 1-27313
- Solomah, A.G.**, Zumwalt, L.R. HLW fixation in sintered modified SYNROC-6 ceramics: chemical stability evaluation 1-41217
- Solomakhov, G.I.** see Skrotskii, G.V. 1-41502
- Soloman, F.J.**, Helfrich, J.H., Lyon, E.F., Benoit, A.E. The 100 kWp photovoltaic power system at Natural Bridges National Monument 1-53617
- Solomatina, V.** see Jakushenkov, J. 1-23211
- Solomatina, V.A.** see Zborovskii, V.A. 1-1598
- Solomatina, V.S.** see Ivakhnik, V.V. 1-1648
- Solomatina, V.S.** see Voronin, E.S. 1-33632
- Solomin, A.N.** see Abdramanov, E.O. 1-722
- Solomin, A.V.** see Shpak, I.V. 1-32846
- Solomin, N.S.** see Vyzhlov, B.V. 1-4932
- Solomon, N.V.** see Borzykh, A.A. 1-12698
- Solomka, V.A.** see Tishchenko, F.M. 1-39992
- Solomko, A.A.**, Gaidai, Yu.A., Maistrenko, V.I., Stepanenko, V.I. Diffraction of laser radiation by a laminated domain structure in yttrium ferrite-garnet crystals 1-48045
- Solomko, Yu.V.** see Vergazov, A.N. 1-26543
- Solomon, A.A.**, Hsu, F. Swelling and gas release in ZnO 1-3680
- Solomon, A.D.** An expression for the melting time of a rectangular body 1-29523
- Solomon, A.I.** The general Bogoliubov transformation 1-5132
- Solomon, E.I.** see D'Amico, K.L. 1-17102
- Solomon, E.I.** see Sayers, M.J. 1-12622
- Solomon, H.D.** The influence of prior deformation on continuous cooling sensitization of type 304 stainless steel 1-16806
- Solomon, H.D.**, Lord, D.C. Influence of strain during cooling on the sensitization of type 304 stainless steel 1-31496
- Solomon, I.**, Brodsky, M.H. Thickness dependence of the photoconductivity of phosphorus-doped hydrogenated amorphous silicon 1-3007
- Solomon, J.** see Bromberg, C. 1-10266, 1-45364
- Solomon, S.** see Crutzen, P.J. 1-32569
- Solomon, S.C.**, Richardson, R.M., Bergman, E.A. Tectonic stress: models and magnitudes 1-27129
- Solomon, S.C.** see Bergman, E.A. 1-22253
- Solomonidis, E.** see Loshek, D.D. 1-32190
- Solomonov, A.V.** see Malinovskii, V.V. 1-39155
- Solomonov, V.I.** see Bokhan, P.A. 1-33665
- Solonche, D.J.** see Koenig, H.A. 1-49053
- Solondz, D.** see Kampf, S. 1-21592
- Soloniczny, Ya.V.** see Freik, D.M. 1-43265
- Solovina, O.P.**, Lyapicheva, N.F., Bilibina, E.N. Effect of heat treatment on the properties and structure of alloy VT9 1-16794
- Solovnikov, V.A.** see Ladyzhenskaya, O.A. 1-2084
- Solopenko, V.I.** Exact solutions of the Orr-Sommerfeld equation and foundation of asymptotic methods in the theory of hydrodynamic stability 1-6845
- Solopov, A.P.** see Selivanov, V.M. 1-28589
- Soloshenko, I.A.** see Gabovich, M.D. 1-24962
- Souloukhin, R.I.**, Martynenko, O.G. Heat and mass transfer bibliography—Soviet works 1-32814
- Souloukhin, R.I.**, Martynenko, O.G., Galich, N.E. Thermal interaction of high-power laser radiation with gases 1-29348
- Souloukhin, R.I.** see Achasov, O.V. 1-1238, 1-24897
- Souloukhin, R.I.** see Rolin, M.N. 1-51776
- Solovarov, N.B.** see Kurkin, N.N. 1-1651
- Solovay, A.K.** see Gorbato, A.M. 1-5702
- Soloveichik, G.L.** see Antipin, M.Yu. 1-7157
- Soloveichik, O.M.**, Ivanov, V.L., Mkhitarov, R.A., Gordina, T.A., Kuz'min, M.G. Photodecomposition mechanism of n-methoxyphenyldiazoborofluoride in films of polyvinyl alcohol 1-28019
- Solov'ev, A.I.**, Khodakov, G.S. On the stability of the foam formed during the optical glass polishing process 1-1737
- Solov'ev, A.N.**, Fonkikh, M.E. Creation of dichroism in KCl crystals with silver particles during laser irradiation 1-26166
- Solov'ev, A.V.** see Kvasha, A.N. 1-16821
- Solov'ev, B.M.** see Gerasimova, L.P. 1-39443
- Solov'ev, B.M.** see Novikov, N.N. 1-21638
- Solov'ev, G.S.** see Kashlev, Yu.A. 1-52362
- Solov'ev, I.V.** Attachment to IKS-14A spectrophotometer for registration of temperature dependences of transmission and reflection spectra 1-44980
- Solover, K.N.** see Egorgova, G.D. 1-41420
- Solov'ev, L.E.**, Chaika, M.O. Optical activity of ZnSe, GaAs, and CdTe crystals induced by uniaxial deformation 1-12473
- Solov'ev, L.E.** see Zil'bershteyn, A.Kh. 1-6639
- Solov'ev, L.S.**, Kuznetsov, T.D. On the internal structure of relativistic stars 1-22789
- Solov'ev, L.S.** see Morozov, A.I. 1-42146
- Solov'ev, N.A.** see Bayanov, V.I. 1-37441
- Solov'ev, O.V.** see Makarov, G.I. 1-51948
- Solov'ev, S.L.**, Knyazev, M.V., Ivanov, Yu.I., Vanyukov, A.V. Mass spectrometric study of the partial characteristics of zinc in a copper-zinc system 1-17091

- Solov'ev, S.L., Tuezov, I.K., Snegovskoi, S.S., Krasnyi, M.L., Il'ev, A.Ya., Svarichevskii, A.S., Tabayakov, A.Ya., Tyutrin, I.I. Deep-seated structure of the Okhotsk Sea shelf of Central Sakhalin 1-13456
- Solov'ev, V.A., Plakhonik, V.T. Distribution of mismatch dislocations and transformation along phase boundaries 1-2444
- Solov'ev, V.A. see Pozdnyakov, V.A. 1-30250
- Solov'ev, V.D. see Budanov, V.G. 1-22184
- Solov'ev, V.D. see Bur'yanov, V.B. 1-4472
- Solov'ev, V.F. On gauge dependence of effective action in Coleman-Weinberg's model 1-483
- Solov'ev, V.F. Vacuum instability in quantum chromodynamics and asymptotic freedom 1-40971
- Solov'ev, V.F. see Grigor'ev, O.N. 1-38688
- Solov'ev, V.G. see Nesterenko, V.O. 1-18546
- Solov'ev, V.I. see Buravoi, S.E. 1-44914
- Solov'ev, V.N. see Glushko, E.Ya. 1-42720
- Solov'ev, V.O. see Rudakov, A.V. 1-45171
- Solov'ev, V.S., Fertik, N.S., Shafarostov, A.I. Measurement of the instantaneous frequency instability of laser radiation by frequency noise filtration 1-15202
- Solov'ev, V.V. see Blinov, A.V. 1-23665
- Solov'ev, Yu.A. see Evdokimov, O.B. 1-52581, 1-52896
- Solov'yeva, N.G. see Znachkovskii, O.Ya. 1-12870
- Solov'yeva, N.M. see Levanyuk, A.P. 1-21167
- Solovyanov, V. see Fidecaro, G. 1-591
- Solov'yev, M.I. see Abdrakmanov, E.O. 1-722
- Solov'yev, Yu.I. see Aleksandrov, Yu.A. 1-5634
- Solov'yov, A.I. see Protchenko, V.S. 1-15454
- Soltsov, I.L. see Skachkov, N.B. 1-14352
- Solov'yeva, P.G. see Alipchenkov, V.M. 1-19949
- Solzhenkin, V.M. see Nefedov, V.I. 1-42616
- Solt, G., Erdos, P. Ordered quadrupolar state with a nearly zero magnetic moment in NpO_2 1-20686
- Solt, G., Erdos, P. Lattice distortion and quadrupolar ordering in UO_2 1-25220
- Solt, G., Erdos, P. Competing lattice modes and the quadrupolar ordering in UO_2 1-47591
- Solt, G. see Erdos, P. 1-47842
- Solt, J., Kemeny, T. (editor) Measurement for Progress in Science and Technology. Proceedings of the 8th IMEKO Congress of the International Measurement Confederation 1-27675
- Soltan, A. see Grindlay, J.E. 1-22848
- Soltwisch, M., Quitmann, D., Ruppersberg, H., Suck, J.B. Dynamical concentration fluctuations in liquid Li_4Pb 1-25146
- Soltys, J., Kozubski, R. A simple model of the order-disorder phase transitions in ternary alloys and its application to several selected Heusler alloys 1-52258
- Soltys, M.N. see Zakordonskii, V.P. 1-53464
- Soltzberg, L.J., Cannon, S.M., Clarke, C.A., Yon Won Ho Photometric monitoring of hysteresis in solid-solid phase transformations 1-47223
- Soluyanov, V.G. see Poleshko, A.P. 1-3867
- Solver, C.E. Thermal limiting curves of full size puffer interrupters: pure SF_6 and mixture SF_6/N_2 1-11620
- Solyakin, G.E. see Belyaev, B.N. 1-18692
- Solyakov, A.N. see V'yukov, L.A. 1-30834
- Solyanik, O.A., Egorov, B.A., Suvorov, Yu.I. Antenna switch of a meteor radar system of intermediate power 1-27311
- Solymar, L. see Benardi, B. 1-1684
- Solymar, L. see Jordan, M.P. 1-33643
- Solymar, L. see Owen, M.P. 1-6510, 1-41628
- Solymar, L. see Russell, P.St.J. 1-1526
- Solyom, J. see Nguyen Minh Khue 1-34694
- Solyom, J. see Rezayi, E.H. 1-42754
- Som, D.K. see Paskin, A. 1-52225
- Som, S.K., Mukherjee, S.G. Theoretical and experimental investigations on the formation of air core in a swirl spray atomizing nozzle 1-24860
- Som, S.K., Mukherjee, S.G. Variations of drop size distributions and surface mean drop diameter of atomized spray from a swirl nozzle 1-29747
- Soma, M., May, G.A., Duval, F., White, R.L. Fabrication and packaging of an implantable multichannel auditory prosthesis 1-32313
- Soma, T. see Mashimo, T. 1-11815
- Somasundaram, S. see Kapur, K.D. 1-32256
- Somasundaram, S. see Natarajna, A. 1-41359
- Somayajulu, B.L.K. see Hussain, N. 1-27125
- Somayajulu, Y.K., Gangadhara Rao, L.V., Varadachari, V.V.R. Small scale features of sound velocity structure in the northern Arabian Sea during February-May 1974 1-54110
- Sombret, see Mamelle, J. 1-45644
- Sombret, B., Dhameincourt, P., Wallart, F., Muller, A.C., Bouquet, M., Grosmanin, J. Raman spectroscopy and microscopy study of molybdenum oxide phases supported on alumina 1-21192
- Somekh, R.E. see Evetts, J.E. 1-47774
- Somenkov, V.A., Golovin, A.E., Elyutin, N.O., Shif'shtein, S.Sh. Investigation of the dynamics of magnetization of a magnetic material by small-angle neutron scattering 1-3217
- Somenkov, V.A. see Irodova, A.V. 1-38329
- Somerford, D.J. see Hughes, S.R. 1-20425
- Somerford, D.J. see Powers, S.R. 1-23166
- Somers, L.E. see Aleksoff, C.C. 1-54386
- Somers, L.E. see Cindrich, I. 1-54385
- Somers, L.E. see Fienup, J.R. 1-54387
- Somers, R.R., II, Miller, J.W., McCafferty, R.H., Fletcher, L.S. Thermal contact conductance of flat-plate solar collector materials 1-48905
- Somerser, J.H. see Foster, D.L. 1-13307
- Somerton, C. see Campuzano, J.C. 1-16335
- Somerville, I.C., Tedford, D.J. Electrical breakdown in compressed SF_6 between highly polished electrodes 1-7029
- Somerville, I.C., Tedford, D.J., Thurgood, A. Automatic measurement of spark breakdown potential in gas mixtures 1-15743
- Somerville, I.C. see Korasli, C. 1-19996
- Somerville, L.P. New spontaneous fission activities produced in the bombardments of ^{96}Zr , ^{98}Zr , ^{99}Tc , ^{100}Mo , and ^{101}Mo 1-14564
- Somerville, L.P. see Nitschke, J.M. 1-36971
- Somerville, M., Ahrens, T.J. Shock compression of KFeS_2 and the question of potassium in the core 1-44170
- Somerville, M.R., Peppin, W.A., Van Wormer, J.D. An earthquake sequence in the Sierra Nevada-Great Basin boundary zone: Diamond Valley 1-49215
- Somerville, R.C.J. Tropical influences on the predictability of ultralong waves 1-22401
- Sometani, T. see Ninomiya, H. 1-9111
- Someta, Y. see Ito, A. 1-38912
- Somiya, S. see Kamiya, S. 1-20155
- Somiya, S. see Kato, T. 1-26437
- Sommargren, G.E. Optical heterodyne profilometry 1-46597
- Sommars, S. see Hanlon, J. 1-18464
- Sommars, S. see Kitagaki, T. 1-18467
- Sommer, B. see Gari, M. 1-36909
- Sommer, E. Free-carrier magneto-absorption by photon-ionized impurity magnetoplasmon processes in narrow-gap semiconductors 1-12479
- Sommer, F., Bucher, G., Predel, B. Thermodynamic investigations of Mg-Cu and Mg-Ni metallic glasses 1-30424
- Sommer, F., Jung-Young Lee, Predel, B. Temperature dependence of the mixing enthalpies of liquid magnesium-lead and magnesium-tin alloys 1-31428
- Sommer, F. see Rosa, C.J. 1-39316
- Sommer, G. Analytic 2-particle structure and crossing constraints 1-36815
- Sommer, H.J., III, Miller, N.R. A technique for kinematic modeling of anatomical joints 1-49054
- Sommer, J. see Fahrback, H.U. 1-51937
- Sommer, J. see Worch, H. 1-39540
- Sommer, R., Schulz, H., Kress, W. Investigation and interpretation of diffuse X-ray scattering in Li_3N 1-42482
- Sommer, R. see Gimenez, G. 1-11433
- Sommer, V.P. An ultrasonic testing plant for laboratory investigations by means of ultrasonic waves 1-31792
- Sommeria, G. see Veyre, P. 1-44269
- Sommers, C.B., Myron, H.W., Mueller, F.M. Theory of electronic structure of non-dilute transition metal alloys: Ni-Cu 1-20618
- Sommers, H.-J. Theory of a Heisenberg spin glass 1-47895
- Sommers, P. Space spinors 1-5475
- Somoano, R. see Yen, S.P.S. 1-16620
- Somoano, R.B. see Brill, J.W. 1-47625
- Somoano, R.B. see Datta, T. 1-7602
- Somogyi, I. Kosa see Kosa Somogyi, I.
- Somogyi, M. Investigation of oxidized A^{III}B^V surfaces by photoresponse [Schottky barriers] 1-34793
- Somorjai, G.A. see Castner, D.G. 1-21621, 1-53470
- Somorjai, G.A. see Dubois, L.H. 1-25551
- Somorjai, G.A. see Sachtler, J.W.A. 1-17104
- Somorjai, G.A. see Van Hove, M.A. 1-47344, 1-47345
- Somorjai, R.L. see Ali, M.K. 1-32915
- Somov, A.I. see Petrenko, V.T. 1-3086
- Somov, A.I. see Sverdlov, V.Ya. 1-38877, 1-39328
- Somov, B.V. On hydrodynamic models of the effect of flares on solar chromosphere 1-9463
- Somov, B.V., Syrovatskii, S.I. Thermal instability of a current sheet at the cause for the formation of cold loops in the solar corona 1-4844
- Somov, B.V. see Sermulina, B.J. 1-9464
- Somov, L.N. see Abramov, D.I. 1-23039
- Somov, L.N. see Ponomarev, L.I. 1-5153, 1-44780
- Somov, L.N. see Vinitskii, S.I. 1-10876
- Somov, V.I. see Joo, I. 1-54057
- Sompolinsky, H. Staggered-magnetization approach to spin-glasses 1-42975
- Soms, L.N. see Volosov, V.D. 1-33696
- Son, D. see Hanlon, J. 1-18464
- Son, D. see Kitagaki, T. 1-18467
- Son, E.E. see Aleksandrov, N.L. 1-24933
- Son, E.E. see Dobkin, S.V. 1-15602
- Son, E.E. see Kononov, V.P. 1-24944
- Son, J.E. see Krieg, R.D. 1-38621
- Son, N.Q. On the application of the second principle in presence of heat source 1-5257
- Son Dao Trong see Kreutz, H. 1-24616
- Son Nguyen Quoc see Nguyen Quoc Son
- Sona, P. see Bini, M. 1-50499
- Sona, P. see Bizzetti, P.G. 1-5690
- Sonder, E. see Weeks, R.A. 1-7205, 1-42778
- Sonder, E. see Wooley, J.D. 1-3017
- Sonderegger, B. see Walser, B. 1-8342
- Sonderegger, P. see Corden, M. 1-14429
- Sonderegger, P. see Corden, M.J. 1-14428, 1-28352
- Sondergaard, F. SAR imagery of sea-ice [radar measurement] 1-54296
- Sondergeld, C.H. Effective noise discriminator for use in acoustic emission studies 1-15349
- Sondergeld, C.H., Getting, I.C., Spetzler, H.A., Sobolev, G.A. Velocity changes associated with generalized triaxial deformation of pyrophyllite 1-22337
- Sondermann, U. The magnetic susceptibility of $\text{Hg}_{1-x}\text{Mn}_x\text{Se}$ for small x 1-25899
- Sondhi, M.M. Acoustical inverse problem for the cochlea 1-49005
- Sone, K. see Saidoh, M. 1-42435
- Sone, K. see Yamada, R. 1-26343
- Sonett, C.P. see Jones, D.E. 1-40399
- Sonett, C.P. see Smith, E.J. 1-40385
- Song, C.C.S. see Sturm, A.J., Jr. 1-1906
- Song, H.S. see Kim, J.E. 1-14308
- Song, H.S. see Kyungsik Kang 1-33146
- Song, J. see Ushida, N. 1-546
- Song, J.J. see Levenson, M.D. 1-51563
- Song, K.S., Leung, C.H. The extended Huckel theory study of the self-trapped hole in CsF 1-7169
- Song, L., Wu, X.Z., Wang, Z.E. Liquid scintillation counting for the standardization of β -particle emitters 1-10595
- Song Chang W. see Chang W. Song
- Song Dai Yuan see Dai Yuan Song
- Song Guo-xuan On the role of interstellar gas in spiral galaxies 1-40565
- Song Hong-gui see Qiu Xi-jun 1-18696
- Song Jin Tae see Jin Tae Song
- Song Shenghuo see He Minggao 1-14169
- Song Sung Hae see Sung Hae Song
- Song Xue-wen see Dai Guo-cai 1-52562
- Song Yu-fu see Ding Shen-xun 1-338
- Song-Hua Gu see Gu Song-Hua
- Song-sheng Liao see Liao Song-sheng
- Song-Sheng Tan see Tan Song-Sheng
- Songaila, A. Optical absorption from the Magellanic Stream in the spectrum of Fairall-9 1-49812
- Songaila, A., York, D.G. A high-resolution optical survey of interstellar absorption lines toward globular clusters and extragalactic objects. I. Basic data 1-49754
- Songhua Shen see Shen Songhua
- Songling Shi see Shi Songling
- Soni, A. see Silverman, D. 1-45179
- Soni, C.P. see Indurakhyia, B. 1-43743
- Soni, J.P. see Basak, P. 1-22371
- Soni, K.R., Arora, C.L. A study of centre-fed antiparallel circular antennas in a warm plasma 1-42180
- Soni, N.C. see Mohan, A. 1-21378, 1-53127
- Soni, S.K. Possible realisation and generalisation of two specific 2×2 forms 1-33109
- Soni, S.N. Origin of $L\beta$ satellites of cadmium 1-14841
- Soni, S.N. Two electron one photon RER transitions as the origin of low energy satellites in K_β X-ray spectra 1-37148
- Soni, V.S. Self-trapping and self-focusing of a non-Gaussian laser mode in a collisionless plasma 1-51955
- Sonin, A.S. see Loseva, M.V. 1-3324
- Sonin, A.S. see Nesrullayev, A.N. 1-2606
- Sonin, A.S. see Rabinovich, A.Z. 1-34992
- Sonin, A.Yu. see Tymyanskiy, Ya.R. 1-6551
- Sonin, S.A. see Bobylev, Yu.P. 1-25161
- Sonju, O.K. see Swallow, D.W. 1-13146
- Sonnenborn, G. see Czyzak, S.J. 1-22859
- Sonnenfroh, D. see Thieriet, T.E. 1-14144
- Sonnefeld, A., Duysens, L.N.M., Moerdijk, A. Magnetic field-induced increase in chlorophyll a delayed fluorescence of photosystem II: A 100- to 200-nm component between 4.2 and 300K 1-53815
- Sonneleiter, S.A., Beckel, C.L. Rational fraction representation of diatomic vibrational potentials. IV. The $2p\sigma_g$ van der Waals state of H_2^+ 1-37293
- Sonobe, M. see Usami, A. 1-4207
- Sonoda, S. see Ishida, T. 1-40303
- Sonoda, T. see Uno, K. 1-49231
- Sonamura, H., Nishimura, T., Miyauchi, T. Lattice constants in the $\text{AlGa}_{1-x}\text{Sb}$ system 1-7149
- Sonsino, C.M., Hagedorn, K.E. Influence of prestrain on the low- and high-cycle fatigue behaviour of the steels StE47 and StE70 1-31584
- Soni, W.N., Weiler, H., Mills, I.M. The microwave spectrum of thietan-2,2,4,4-d₄-vibration-rotation coupling in several ring puckering states 1-33455
- Sontag, M.R. see Cunningham, J.R. 1-23861

- Sontum, S.F., Ingraham, L.L., Fink, W.H. Calculation of isoelectronic energy differences using perturbation theory 1-51081
- Soo Han Chan see Chan Soo Han
- Soo Hyun Park see Kae Wan Lee 1-12006
- Soo Jang Pong see Pong Soo Jang
- Soo Kim Eun see Kim Eun Soo
- Soo Kim Joung see Joung Soo Kim
- Soo Kim Sang see Sang Soo Kim
- Soo Lee Sang see Sang Soo Lee
- Soo Young Kim see Ha Chung Lee 1-35349
- Sooh, S.S., Verma, H.R., Kaur, R., Sharma, A.K., Singh, N., Trehan, P.N. Level structure of ^{82}Kr 1-14460
- Sooh, S.S. see Kaur, R. 1-10319, 1-33219, 1-45449
- Sood, A.K., Arora, A.K., Umadevi, V., Fenkataraman, G. Raman study of temperature dependence of lattice modes in calcite 1-47187
- Sood, A.K. see Polla, D.L. 1-7706
- Sood, B.S. see Arora, S.K. 1-37150, 1-51174
- Sood, B.S. see Verma, S.L. 1-1149
- Sood, D.K. see Asundi, V.K. 1-7393
- Sood, N.K. Equilibrium of self-gravitating polytropic cylinders with a magnetic field 1-22781
- Sood, R.K. see Thakur, R.K. 1-22919
- Sood, S. see Ader, J.P. 1-521
- Soodak, H. see Gersten, J. 1-40617
- Sooft, K.A. see Moore, R.K. 1-27161
- Soon Ng The temperature dependence of the hydrogen-bond chemical shift 1-6287
- Soon-Me Hwang, Sang-Ryul In, Kie-Hyung Chung, Hae-Jin Bak, Moon-Jong Rhee Pulse shape control of magnetic field for plasma confinement 1-46915
- Soon-ung Park, Sikdar, D.N. An application of a simple diagnostic cloud model to the 20 May 1977 storms over the Oklahoma meso-network 1-36044
- Soonawala, N.M., Telford, W.M. Movement of radon in overburden 1-22508
- Soonekindt, L. see Etienne, D. 1-8237
- Soong, D., Shen, M. Molecular theory of viscoelasticity for homogeneous block and graft copolymers 1-33918
- Soong, D., Shen, M. Shear-rate-dependent viscosity of non-Newtonian suspensions and entangled polymer systems 1-51827
- Soopana, H.H. Experimental observations on thin crystals of $\text{Bi}(\text{Te}_{1-x}\text{S}_x)_3$ in the localization region 1-7618
- Soopana, H.H. see Liciardello, D.C. 1-7619
- Soos, F. Transfer functions of tubular heat exchangers 1-24655
- Soos, Z.G. Spin Hamiltonians and theoretical models [low-dimensional solids] 1-42938
- Soos, Z.G. see Bondeson, S.R. 1-3206
- Sootha, G.D., Padam, G.K., Gupta, S.K. Antiferromagnetic behaviour of Mn^{2+} in CdS 1-3249
- Sovik, K.A. see Lushchik, Ch.B. 1-20637
- Sopelnikov, M.D., Fedorov, Yu.A. Investigation of errors in synchronizing time scales over wide-band communication channels 1-23189
- Soper, A.K., Egelstaff, P.A. Multiple scattering and attenuation of neutrons in concentric cylinders. I. Isotropic first scattering 1-28509
- Soper, A.K., Egelstaff, P.A. The structure of liquid hydrogen chloride 1-46981
- Soper, A.K. see Cummings, S. 1-7070
- Soper, D.E. Hadron structure in the ladder model. II 1-18433
- Sopin, A.I. see Alekseev, V.A. 1-1558
- Sopka, K. Russell see Russell Sopka, K.
- Sopko, B., Sumunek, P., Kaslik, Z. Silicon single crystals doped with the aid of nuclear transmutations 1-42410
- Soplyashchenko, V.N., Povolutskii, E.G., Vasin, G.P. Transformation of the γ phase in a ticonal alloy 1-31457
- Sopori, B.L. Rapid nondestructive technique for monitoring polishing damage in semiconductor wafers 1-26704
- Sopori, B.L., Nilsson, T., McClure, M. Damage-free polishing of polycrystalline silicon 1-48540
- Sorai, M., Murakawa, S., Ogashara, K., Suga, H. Laser Raman spectra of the stable low-temperature phase of ferrocene 1-31135
- Sorai, M. see Yoshikawa, M. 1-30945, 1-30951
- Sorarrain, O.M. see Pousa, J.L. 1-45946
- Sorba, P. see Combe, Ph. 1-5461
- Sorbier, J.P., Gagnier, M. Tunneling properties of GaAs/Yb junctions under pressure 1-7733
- Sordo, B. see Calzavara, M. 1-11157
- Sordo, B. see Costa, B. 1-11147
- Sorensen, B. A Scandinavian energy system based on renewable energy 1-13069
- Sorensen, B. Moller see Moller Sorensen, B.
- Sorensen, B. Vinther see Vinther Sorensen, B.
- Sorensen, C.M. see Osman, J. 1-11837
- Sorensen, G. see Oron, M. 1-29312
- Sorensen, H. see Borgesen, P. 1-26341
- Sorensen, L. Reply to 'Comments on 'Multiple-obstacle acoustic scattering in the simple source formulation with accuracy checks'' 1-51647
- Sorensen, R.A. Structure of collective bands in deformed nuclei from the microscopic point of view 1-609
- Sorensen, S. see Rylander, R. 1-6713
- Sorensen, S.O. The Centauro-process 1-41019
- Sorensen, T.S. Marangoni instability at a spherical interface. Breakdown of fluid drops at low surface tension and cytotoxic phenomena in the living cell 1-21771
- Sorenson, D. see Edwards, B.C. 1-34244
- Sorenson, J.A., Nelson, J.A. Slit radiography: problems and potential 1-43985
- Sorenson, J.A., Niklason, L.T., Knutti, D.F. Performance characteristics of improved anticatter grids 1-8991
- Sorey, M.L., Grant, M.A., Bradford, E. Nonlinear effects in two-phase flow to wells in geothermal reservoirs 1-36014
- Sorge, G., Almeida, A., Beige, H., Shuvalov, L. Study of the influence of mechanical stress on the phase transition in $\text{KD}_3(\text{SeO}_3)_2$ 1-8014
- Sorge, G., Thamke, B., Schmidt, G., Shuvalov, L.A. Critical behaviour of the elastic coefficient c_{66} of the ferroelectric $\text{NaNH}_3(\text{SeO}_3)_2$ crystal near the α - β transition 1-26142
- Soria, F. see Larson, L.A. 1-30556
- Sorkin, M.Z. see Abramov, O.V. 1-16712
- Sorlei, Z. see Bakos, J.S. 1-6624
- Sornes, A. see Kijko, A. 1-9267
- Sornette, B., Fort, B., Picat, J.P., Cailloux, M. On the physical significance of white light polar plumes in the solar corona 1-17801
- Sorochenko, R.L. see Matveenko, L.I. 1-17893
- Sorochenko, R.L. see Vvedenskii, V.A. 1-4772
- Soroka, A.M. see Aleksandrov, V.V. 1-33700
- Soroka, A.M. see Averin, A.P. 1-34178
- Soroka, A.M. see Basov, N.G. 1-6578, 1-33716
- Soroka, B.S., Tsvetkov, S.V., Tamrazov, A.M., Kutasevich, I.V. Investigation into efficiency of thermal operation of combustion chamber using experiment planning 1-265
- Soroka, G.M. see Zagainova, L.I. 1-31171
- Soroka, I. see Relis, M. 1-43433
- Sorokatti, N.I. see Baidak, D. 1-18015
- Sorokin, A.G. see Dosmagambetov, T. 1-12444
- Sorokin, A.G. see Le'chuk, V.L. 1-33299
- Sorokin, A.I. Analysis of proton scattering reaction by ^{56}Fe and ^{58}Fe nuclei using a simple collective model 1-45499
- Sorokin, A.V. see Aver'yanov, E.M. 1-2323
- Sorokin, B.V. see Grozdnov, V.N. 1-10613
- Sorokin, B.N., Tsyganok, A.A., Dzhusov, Yu.P., Gribov, A.A., Mityaev, N.N. Measurement of profiles of temperature and local vapor content near a heat-generating surface in water boiling in a large volume 1-1397
- Sorokin, G.P., Idrichan, G.Z., Sorokin, Z.M. Non-crossover optical transitions in copper (I) chalcogenides 1-12522
- Sorokin, I.D. see Sidorov, L.N. 1-39666
- Sorokin, I.N. see Movsesyan, A.Kh. 1-12709
- Sorokin, L.M. Gas dynamics of vortex high frequency spark plasmatrons 1-2250
- Sorokin, N.I., Makarov, V.I., Lavrik, N.L., Gusev, Yu.M., Skubnevskaya, G.I., Bazhin, N.M., Molin, Yu.N. Magnetic field effects on formaldehyde-d, predissociation and photochemical reactions of SO_2 with pentane in the gas phase 1-43681
- Sorokin, N.I. see Petrunin, V.F. 1-39326
- Sorokin, P.P. see Avouris, Ph. 1-45039
- Sorokin, P.V. see Frolov, A.M. 1-28771
- Sorokin, P.V. see Get'man, V.A. 1-10230
- Sorokin, P.V. see Gorbenko, V.G. 1-572
- Sorokin, P.V. see Mirshichenko, I.I. 1-5632
- Sorokin, V.A. see Rautian, S.G. 1-33772
- Sorokin, V.A. see Saprykin, E.G. 1-45022
- Sorokin, V.A. see Tashkinov, G.D. 1-14112
- Sorokin, V.K., Tikhonov, G.F., Shmelev, L.S. Production and properties of diamond-metal sheet materials 1-21392
- Sorokin, V.N. see Aivazov, M.I. 1-38342
- Sorokin, V.N. see Stekolov, O.I. 1-31749
- Sorokin, V.P. see Kerzhanovich, V.V. 1-9397, 1-49553
- Sorokin, Yu.M. see Sigal, G.B. 1-41771
- Sorokin, Z.M. see Sorokin, G.P. 1-12522
- Sorokina, L.P. see Elyukhin, V.A. 1-47031
- Sorokina, N.K. see Katsnel'son, A.A. 1-26316
- Sorokina, R.A., Korostylev, B.N. Polyethylene terephthalate films as substrates 1-23352
- Sorokina, R.A., Yakovlev, A.G. Relation between adhesion and abrasion resistance of the emulsion layer in photographic materials 1-28093
- Sorokina, S.I. see Akopov, F.Kh. 1-35288
- Soroko-Novitskii, N.V. see Kurbatov, L.N. 1-3022, 1-3499
- Sorokovikov, V.N. see Bykovskii, Yu.A. 1-24535
- Sorrell, C.A. Representation quadratics for crystal structures. I. Metallic elements with no variable coordinates 1-42254
- Sorrell, C.A. see Urwongse, L. 1-25434, 1-26431
- Sorrentino, G. see Moro, R. 1-8645
- Sorsorov, M.C., Kolesnichenko, V.A., Taborsky, L., Sebo, P., Sadovsky, J. Mechanical properties of composite material based on dural matrix reinforced with boron fibres 1-48405
- Soru-Escut, I. see Martres, M.-J. 1-54449
- Sorum, H. see Bremer, J. 1-8165
- Sosa, R.M., Ventura, O.N., Liberles, A. The cis-trans energy difference in bi-1-cyclopropen-1-yl and related compounds 1-24035
- Soshchin, N.P. Control of radiation characteristics, and energy yield of industrial cathodophosphors 1-12586
- Soshchin, N.P. see Dzhurinskii, B.F. 1-39136
- Soshchin, N.P. see Golovkova, S.I. 1-8120
- Soshchin, N.P. see Zorina, L.N. 1-39137
- Soshko, A.I. see Seroshan, T.P. 1-53219
- Sosin, S.E., Elkin, A.I., Vinogradov, G.V. Strength of elastomeric adhesive films in the triaxial stress state 1-43425
- Soskin, M., Odulov, S. Dynamic holography 1-41632
- Soskin, M. see Khizhnyak, A. 1-19386
- Soskin, M.S., Shishkov, V.F. Influence of spatially inhomogeneous incoherent illumination on the holographic recording processes in LiNbO_3 crystals 1-37442
- Soskin, M.S., Taranenkov, V.B. Laser holographic wavelength selectors recorded in dichromated gelatin films 1-19297
- Soskin, M.S. see Mizrukhnin, L.V. 1-1523
- Soskin, M.S. see Nikitin, V.I. 1-8132
- Soskin, M.S. see Odulov, S.G. 1-29238, 1-29322
- Sosnin, A.V. see Samokhvalov, I.V. 1-53740
- Sosnin, V.P. see Akat'ev, Yu.N. 1-1714
- Sosnin, V.P. see Gulyaev, Yu.V. 1-51628
- Sosnin, V.V., Yastrebov, I.G., Arefeva, L.G. Formation of grains with (100) $\langle 110 \rangle$ orientation in the Fe-3% Si alloy during annealing 1-8337
- Sosnovets, E.N. see Darchiyeva, L.A. 1-4727
- Sosnovskii, D.A. Determination of the nonuniformity of the experimental distribution of tensile strength and reduction of area of steels 40, 40Kh, and 40KhN 1-3868
- Sosnovskii, D.A. More accurate determination of elongation in tensile tests 1-8504
- Sosnovskii, S.A. see Evstropov, V.V. 1-19343
- Sosnovskii, S.A. see Makiatski, Yu.V. 1-41705
- Sosnowski, J., Drey, M., Mydlarz, T. The influence of C impurities on superconducting properties of the $\text{Nb}_3\text{Ga}_{20}$ alloy with A15 type structure 1-38893
- Sosnowski, S. see Pokorski, S. 1-45379
- Sostarch, M. see Dey, S. 1-25986
- Sostman, H.D. see Neumann, R.D. 1-9011
- Soter, S. see Gold, T. 1-4478
- Sotera, J.J. see Kahn, H.L. 1-13050
- Sotgiu, A. see Momo, F. 1-33029, 1-36714
- Soti, F. see Keresztes, J. 1-14899
- Sotier, S., Warren, W.W., Jr. NMR studies of liquid Cs-I solutions [metal-nonmetal transition and localized states formation] 1-26055
- Sotier, S. see Hackstein, K. 1-25875
- Sotina, N.B., Fominich, V.V. Symmetric cavitation flow past a wedge in the presence of a source on the wedge or in the flow 1-19765
- Sotina, N.B., Fominich, V.V. Simulation by a source of a thin jet from a body 1-19769
- Sotman, S.S. see Aslanov, L.A. 1-29137
- Sotnik, N. see Kreutz, E.W. 1-47346, 1-52627
- Sotnikov, G.V. see Onishchenko, I.N. 1-19901
- Sotnikov, V.A., Yanson, I.K., Fisun, V.V. Nature of electrical ordering in a thin cytosine film 1-21107
- Sotnikov, V.I., Shapiro, V.D., Shevchenko, V.I. On the nonlinear theory of current instability of short-wave drift oscillations 1-51947
- Sotnikov, V.T. see Chaikovskii, E.F. 1-26356
- Sotnikova, N.A. see Popova, A.M. 1-29118
- Soto, F. see Claverie, P. 1-23043
- Soto, J.B. see Oliveira, L.F. 1-5926
- Soto Vargas, C.W. see Wright, L.E. 1-18607
- Sotobayashi, T. see Hashimoto, T. 1-28795
- Sotome, K., Nozue, Y., Ueta, M. Acoustical phonon assisted two-photon excitation of excitonic molecules and resonant Raman scattering in evaporated Cui films 1-30645
- Sotome, K. see Mitani, T. 1-38726
- Sotskiy, V.V. see Denisenko, P.F. 1-4681
- Sottini, S., Russo, V., Righini, G.C. Geodesic optics: new components 1-15287
- Sottini, S. see Brenzi, M. 1-1707
- Sotton, M. see Rault, J. 1-20078
- Soubari, E. see Draman, M. 1-15099
- Soubaramayer, Billet, J. A numerical method for optimizing the gas flow field in a centrifuge 1-10545
- Soubeyrand, J.P. see Aymar, R. 1-40822
- Soubeyroux, J.L. see Tarascon, J.M. 1-47861
- Soubeyroux, J.L. see Tressaud, A. 1-52779
- Soubkovskaya, E. see Bayuk, E. 1-38455
- Soucaze, J. see Aguilar, M. 1-8862
- Souder, P.A. see Baum, G. 1-28323
- Souder, P.A. see Egan, P.O. 1-51324
- Souel, T. see Strimer, P. 1-37564
- Sougi, M. see Plumier, R. 1-25942
- Souillard, B. see Aizeman, M. 1-23119
- Souillat, J.C. see Grenet, G. 1-3491, 1-31192
- Soukas, A. see Bozoki, G. 1-45752
- Soukoulis, C.M., Economou, E.N. Localization in disordered two-dimensional systems 1-16260
- Soukoulis, C.M., Economou, E.N. Localisation in disordered three-dimensional systems 1-52524
- Soukoulis, C.M. see Economou, E.N. 1-52551
- Soukup, F. see Malek, Z. 1-44926
- Soulard, A. see Pruzan, P. 1-30431

- Soulen, R.J., Jr., Marshak, H. The establishment of a temperature scale from 0.01K to 0.05K using noise and ^{60}Co γ -ray anisotropy thermometers 1-18222
- Soulen, R.J., Jr., Rusby, R.L., Van Vechten, D. A self-calibrating rhodium-iron resistive SQUID thermometer for the range below 0.5K 1-9982
- Soules, T.F. A molecular dynamic calculation of the structure of B_2O_3 glass 1-11684
- Soulet, S., Lacombe, C. Rheological study in transient regime of normal blood samples artificially modified in vitro 1-35805
- Souletie, J. see Berton, A. 1-52793
- Souletie, J. see Prejean, J.J. 1-20989
- Soulie, E., Folcher, G., Kanellakopoulos, B. When is the electron paramagnetic resonance of uranium (IV) observable? 1-51231
- Soulie, G., Dupuy, Teulet, Broqua, Doulou Positions of asteroids, major planets and the Moon 1-40310
- Souliere, M.J. see Chakkalakal, D.A. 1-13231
- Soum, G., Arnal, F., Ballard, J.L., Jouffrey, B., Verdier, P. Monte Carlo calculations on electron multiple scattering in amorphous or polycrystalline targets 1-42267
- Soum, G. see Ballard, J.L. 1-15771
- Souma, H. see Heilweil, E.J. 1-15209
- Souma, H. see Yajima, T. 1-33769
- Soundalgekar, V.M., Gupta, S.K. Effects of mass transfer and free convection currents on the oscillatory flow past an infinite vertical porous plate with constant suction and heat flux 1-42056
- Soundalgekar, V.M., Pop, I. Free convection flow past a vertical infinite porous plate in a rotating fluid 1-1990
- Soundalgekar, V.M., Ramana Murty, T.V. Heat transfer in flow past a continuous moving plate with variable temperature 1-24813
- Soundalgekar, V.M. see Takhar, H.S. 1-24887, 1-51832
- Soung-Soon Chun, Myoung-Gi So The effect of rapid heat treatment on mechanical properties of AISI H13 hot work tool steel 1-53214
- Souquet, J.L. see Cheradame, H. 1-2687
- Souren Chen see Chen Souren
- Sources, J.M. see Yaakobi, B. 1-35116
- Sourias, D., Jannussis, A., Streclas, A. The Lie algebra of Wigner operators of angular momentum 1-5531
- Souriau, A., Vadel, M. The crust and upper mantle beneath the Pyrenees, from surface waves. Tectonic implications 1-44128
- Souriau, M. see Foidevaux, C. 1-27116
- Sourlas, D. see Jannussis, A. 1-36527
- Sournies, F. see Manfait, M. 1-48946
- Sousa, D.C. see Ellis-Akvali, Y.A. 1-41080
- Sousa, D.C. see Toth, K.S. 1-50561
- Sousa, J.A. see Grojean, R.E. 1-31987
- Sousa, J.B., Amado, M.M., Pinto, R.P., Pinheiro, M.F., Braga, M.E., Moreira, J.M., Hedman, L.E., Astrom, H.U., Khlaif, L., Walker, P., Garton, G., Hukin, D. Experimental evidence for a new magnetic structure between incommensurate and commensurate phases in antiferromagnetic Cr-Al dilute alloys 1-12269
- Sousa, J.B., Pinto, R.P., Amado, M.M., Moreira, J.M., Braga, M.E., Morin, P., Alenard, R. Critical behaviour of transport properties in GdCd compounds 1-25702
- Sousa, J.B. see Amado, M.M. 1-25940
- Sousa, J.B. see Ausloos, M. 1-25700
- Sousa, J.B. see Pinto, R.P. 1-25710
- Soussaline, F. see Crouzel, C. 1-43999
- Soustov, L.V. see Genkin, V.N. 1-30277
- Soutar, I. see Rutherford, H. 1-3809
- South, J.C., Jr., Keller, J.D., Hafez, M.M. Vector processor algorithms for transonic flow calculations 1-15508
- Southern, B.W., Chui, S.T., Forgacs, G. Non-universality for two-dimensional frustrated lattices? 1-12306
- Southon, F.C. CT scanner comparison 1-40003
- Southon, J.R. see Lobb, D.E. 1-37022
- Southwell, W.H. Validity of the Fresnel approximation in the near field 1-37408
- Southwick, J.G. see Jamieson, A.M. 1-38245
- Southwick, P.D., Stobbs, W.M. High resolution imaging of defects in sigma phase in a stainless steel 1-30248
- Southwick, R.D., Wasylyk, J.S., Smay, G.L., Kepple, J.B., Smith, E.C., Augustsson, B.O. The mechanical properties of films for the protection of glass surfaces 1-53327
- Southwood, D.J., Kivelson, M.G., Walker, R.J., Slavin, J.A. Io and its plasma environment 1-40378
- Southwood, D.J. see Cowley, S.W.H. 1-17736
- Southwood-Jones, R.V., Earl, W.L., Newman, K.E., Merbach, A.E. Oxygen-17 NMR and EPR studies of water exchange from the first coordination sphere of gadolinium(III) aquo and gadolinium(III) propylenediaminetetraacetate 1-33483
- Southworth, H.N. see Smith, J.F. 1-8404
- Souza, C.J. Large area flexible solar array design for space shuttle application 1-48865
- Souza, M. see Endler, A.M. 1-41013
- Souza, M.F. de see de Souza, M.F.
- Souza, V.C.M. de see de Souza, V.C.M.
- Souza Nobrega, M.C., Fidelis Da Silva, B., Ferran L. G., Jaliniir, J.M., Baudet, B. Effect of the inclusions content on damage generation during sheet metal forming of low carbon steel 1-3770
- Soviar, P. see Vejbor, P. 1-32226
- Sovillard, B. see Kunz, H. 1-27807
- Sovkova, T.S. see Bryukhanov, A.A. 1-31529
- Sow-Hsin Chen see Djordjevic, Z.B. 1-34261
- Sow-Sung Ni see Honda, F. 1-21309
- Sowa, H. see Lochner, K. 1-15946
- Soward, A.M. Bounds for turbulent convective dynamos 1-49201
- Sowlim, M.A. see Moharram, M.A. 1-13505
- Sowell, R.R. see Holloway, P.H. 1-12996
- Sowerby, M.G. see Lynn, J.E. 1-14527
- Sowerby, R., Da C. Viana, C.S., Davies, G.J. The influence of texture on the mechanical response of commercial purity copper sheet in some simple forming processes 1-26511
- Soyano, T., Noguchi, T., Tanaka, W. The system of copying from the original plate taken by the 105 cm Schmidt telescope 1-13701
- Soyano, T. see Hamajima, K. 1-10046
- Sozzi, G.L. see Hwang, W.S. 1-50821
- Spach, M.S. see Barr, R.C. 1-32277
- Spackman, M.A. see Chandler, G.S. 1-1067
- Spada, G. see Persi, P. 1-36280
- Spadaccini, G. see Cuzzocrea, P. 1-18624
- Spadaro, G. see Titomanlio, G. 1-53229
- Spadoni, M. see Bartalucci, S. 1-28793
- Spadoni, M. see Elen, J.D. 1-50923
- Spaepen, F. see Bristow, P.D. 1-2434
- Spaepen, F. see Fratello, V.J. 1-42309
- Spaepen, F. see Frost, H.J. 1-15905
- Spaepen, F. see Taub, A.I. 1-21486, 1-26569
- Spaepen, G. see Vandenberg, H. 1-39844
- Spaeth, J.M. see Barklie, R.C. 1-3294
- Spaeth, J.M. see DuVarney, R.C. 1-43003
- Spaeth, J.M. see Heder, G. 1-2908
- Spaeth, J.M. see Niklas, J.R. 1-3261
- Spaeth, J.M. see Studzinski, P. 1-16503
- Spaggiari, E.R. Vitale see Vitale Spaggiari, E.R.
- Spain, I.L., Skelton, E.F., Rachford, F. Diamond anvil techniques for structural and electrical/magnetic measurements at low temperature 1-28007
- Spain, I.L. see Ayache, C. 1-20783
- Spal, R. A new DC method of measuring the magnetoconductivity tensor of anisotropic crystals 1-2943
- Spalak, J. see Zmijan, J. 1-7957
- Spalding, D.B. see Al-Sanea, S.A. 1-19719
- Spalding, D.B. see Hulme, G. 1-28586
- Spalding, D.B. see Nilmani, M. 1-51845
- Spalding, D.B. see Pollard, A. 1-19813
- Spalding, D.B. see Singhal, A.K. 1-51755
- Spalding, I.J. High power lasers. Industrial and fusion applications 1-37535
- Spalding, I.J. see Kogoshi, S. 1-2213
- Spalding, J. see Daum, C. 1-14424
- Spalding, J.D. see Miewaldt, R.A. 1-54439
- Spalding, W. see Daum, C. 1-28357
- Spalek, J., Chao, K.A. Kinetic exchange interaction in a doubly degenerate narrow band and its application to $\text{Fe}_{1-x}\text{Co}_x\text{S}_2$ and $\text{Co}_{1-x}\text{Ni}_x\text{S}_2$ 1-3168
- Spalek, J., Ray, D.K. Itinerant magnetism in hybridised degenerate electronic bands 1-47839
- Spalla, P. see Capannini, E. 1-22569
- Spallucci, E. see Denardo, G. 1-5478, 1-14226, 1-36797
- Spalt, H. see Balzer, R. 1-25259
- Spaltboff, F.J. see Keller, W. 1-874
- Spalvins, T. Tribological properties of sputtered MoS_2 films in relation to film morphology 1-30319
- Spamer, E. see Meurer, D. 1-23589
- Spandere, G. see Bellazzini, R. 1-51061
- Spangenberg, B., Madenov, G.M., Orlinov, V.I. Calculation of the sheet resistance of boron-implanted silicon 1-2968
- Spangenberg, E.E. see Berlin, A.B. 1-17898
- Spangenberg, H.-J. see Rutkowski, J. 1-1389
- Spangenberg, M. see Bronger, W. 1-34311
- Spanget-Larsen, J. Assignment of the hyperfine constants of the 1,2-benzosemiquinone radical anion: comment on 'INDO studies on the structure of benzosemiquinone radicals' 1-4104
- Spangler, S.R. see Cook, D.B. 1-22907
- Spanjaard, D. see Treglia, G. 1-38710
- Spanjaards, D. see Treglia, G. 1-20843
- Spanne, P. Selecting PM tube power supply voltages for TLD readers 1-964
- Spano, P., Dumant, J.-M., Guillausseau, Y. Study of modal structure of a semiconductor laser by measurement of the complex degree of coherence 1-19373
- Spanos, P.-T.D., Chen, T.W. Response of a dynamic system to flow-induced load 1-9826
- Spanos, T.J.T. The equations of immiscible viscous displacement in a porous medium 1-46803
- Spanovskii, V.M. see Dymant, L.N. 1-11380
- Sparks, L.S., Shu, F.H. Why extended radio doubles are found in elliptical galaxies 1-22894
- Sparks, D.L. see Mays, L.E. 1-8855
- Sparks, M., Holstein, T., Warren, R., Mills, D.L., Maradudin, A.A., Sham, L.J., Loh, E., Jr., King, F. Theory of electron-avalanche breakdown in solids 1-39193
- Sparks, M. see Mills, D.L. 1-39102
- Sparks, R.S.J. see Drexler, J.W. 1-17584
- Sparks, R.S.J. see Sigurdsson, H. 1-54045
- Sparks, T.E. Closed-loop active optical system control 1-46498
- Sparks, W.M., Kutter, G.S. A wave model for dwarf novae 1-49689
- Sparks, W.M. see Kutter, G.S. 1-9478
- Sparks, W.M. see Starrfield, S. 1-49695
- Sparring, G.A.J. see Perjes, Z. 1-50409
- Sparnaay, M.J. see Wierenga, P.E. 1-8095
- Sparrow, D.A. see Amado, R.D. 1-14558
- Sparrow, D.A. see Grace, W.J. 1-23686
- Sparrow, E.M., Bahrami, P.A. Experiments on natural convection heat transfer on the fins of a finned horizontal tube 1-19546
- Sparrow, E.M., Bahrami, P.A. Experiments on natural convection from vertical parallel plates with either open or closed edges 1-24788
- Sparrow, E.M., Chukae, A. Forced-convection heat transfer in a duct having spanwise-periodic rectangular protruberances 1-42052
- Sparrow, E.M., Cur, N., Kemink, R.G. Heat transfer in a tube downstream of a tee in which airstreams of different temperature are mixed 1-37932
- Sparrow, E.M., Faghri, M. Fluid-to-fluid conjugate heat transfer for a vertical pipe-internal forced convection and external natural convection 1-37917
- Sparrow, E.M., Hajiloo, A. Measurements of heat transfer and pressure drop for an array of staggered plates aligned parallel to an air flow 1-37920
- Sparrow, E.M., Laing, L.R. Heat transfer bibliography 1-32
- Sparrow, E.M., Larson, E.D., Ramsey, J.W. Freezing on a finned tube for either conduction-controlled or natural-convection-controlled heat transfer 1-37780
- Sparrow, E.M., Lovell, B.J. Heat transfer characteristics of an obliquely impinging circular jet 1-24786
- Sparrow, E.M., O'Brien, J.E. Heat transfer coefficients on the downstream face of an abrupt enlargement or inlet constriction in a pipe 1-37918
- Sparrow, E.M., Prakash, C. Enhancement of natural convection heat transfer by a staggered array of discrete vertical plates 1-24787
- Sparrow, E.M. see Eckert, E.R.G. 1-33956
- Sparrow, E.M. see Lau, S.C. 1-24803
- Sparrow, E.M. see Prakash, C. 1-1803
- Sparrow, T.G. see Cosslett, V.E. 1-390
- Spartalican, K. see Maltempo, M.M. 1-1423
- Spasojevic, M.D. see Popov, K.I. 1-43674
- Spasov, A. see Terziev, L. 1-35287
- Spasskii, A.V. see Belyaeva, T.L. 1-45479
- Spasskii, A.V. see Terkin, E.D. 1-18626
- Spatschek, K.H. see Shukla, P.K. 1-24972
- Spaulding, J.D. see Shukla, W.M. 1-53739
- Spaventi, S. see Knesaurek, K. 1-48942
- Spaziante, P.M. Study of new types of oxides, having high protonic and low electronic conductivities, to be used as electrolytes in low temperature electrolytic cells for water vapour electrolysis 1-42574
- Spaziante, P.M. Study of anodic and cathodic catalysts for water electrolysis activation of membranes and diaphragms 1-43675
- Spaziante, P.M., Giuffrè, L. Optimal structure of a polymer solid electrolyte for water electrolysis 1-43680
- Spaziante, P.M. see Sioli, G. 1-39846, 1-43822
- Speake, J.H. see Wadley, H.N.G. 1-8505
- Speakman, M. see Sproston, J.L. 1-8699
- Spear, F.S. Plotting stereoscopic phase diagrams 1-49408
- Spear, J. see Hindmann, E.E., II 1-4554
- Spear, R.H., Esat, M.T., Fewell, M.P., Kean, D.C., Zabel, T.H., Baxter, A.M., Hinds, S. Static quadrupole moments of the first excited states of ^{200}Hg and ^{202}Hg 1-632
- Spear, R.H., Fewell, M.P. Static quadrupole moment of the first excited state of ^{25}Si 1-41054
- Spear, R.H. see Fewell, M.P. 1-41053
- Spear, R.H. see Morrison, I. 1-45454
- Spear, R.H. see Zabel, T.H. 1-1028
- Spear, R.W. see Davis, M.B. 1-49380
- Spear, W.E. see Le Comer, P.J. 1-52156
- Spear, W.E. see Snell, A.J. 1-52648
- Spears, D.L. Wide-bandwidth CO_2 laser photomixers 1-40853
- Spears, D.L. see Menzies, R.T. 1-49403
- Spears, W.R., Wesson, J.A. Scaling of Tokamak reactor costs 1-33347
- Specht, E. see Weishaar, J.C. 1-41418
- Specht, H.J. see Harrach, D. 1-50693
- Specht, H.J. see Just, M. 1-50676
- Specht, H.J. see Nolte, G. 1-24214
- Specht, J.R. see Bowles, T.J. 1-41144
- Specht, J.R. see McKown, R.D. 1-28499
- Specht, J.R. see Stephenson, E.J. 1-28821

- Specht, L.T. Signal averager interface between a Biomation 6500 transient recorder and an LSI-11 microcomputer 1-40765
- Speck, P.T. Automated recognition of line structures on noisy raster images applied to electron micrographs of DNA 1-50287
- Speckert, G.C. Organization of graphic controls for a state of the art human interface 1-6035
- Speckert, G.C. The man-machine interface for the MFTF 1-10530
- Specovius, J., Findenegg, G.H. Study of a fluid/solid interface over a wide density range including the critical region. I. Surface excess of ethylene/graphite 1-7449
- Specovius, J. *see* Findenegg, G.H. 1-7450
- Spector, H.N. *see* Arora, V.K. 1-12129
- Spector, H.N. *see* Rynne, T.M. 1-42793
- Spector, N., Held, S. The first spectrum of erbium-description and classification 1-10683
- Spector, N. *see* Belrhmi-Belhasan, A. 1-51154
- Spector, N. *see* Reifeild, R. 1-26236
- Spector, V.N., Pachomov, L.G. Transducers based on organic molecular charge transfer complexes 1-27957
- Spectro, D.N. *see* Sethian, J.D. 1-2210
- Speed, M.A., Krauel, J., Thomas, B.W., Baddeley, H., Thomas, B.J., Craswell, P. A portable system for the in vivo measurement of organ cadmium levels 1-8976
- Spehler, D. *see* Leite Lopes, J. 1-601, 1-40981
- Spehr, R. *see* Rose, H. 1-19255
- Speicher, W. *see* Ruppersberg, H. 1-25449
- Speidel, K. A simple water pump, powered by solar energy 1-21896
- Speidel, K. Solar powered systems: short review of solar powered facilities and components developed by Dornier System 1-39753
- Speidel, K.-H. *see* Gerber, J. 1-16513
- Speidel, K.-H. *see* Goldberg, M.B. 1-18542
- Speidel, M.O. Design against environment-sensitive fracture 1-31711
- Speidell, J.L. *see* Harper, J.M.E. 1-41266
- Speidell, J.L. *see* Krakow, W. 1-36770
- Speight, M.V., Waddington, J.S. Materials aspects of AGR fuel 1-10441
- Spejewski, E.H., Mekodaj, R.L. The UNISOR facility: recent developments and future directions 1-10578
- Spekreijse, H. *see* Van Den Berg, T.J.T.P. 1-4272
- Spektor, A.D. *see* Kozmanov, Yu.D. 1-2695
- Spektor, A.R. *see* Kozmanov, Yu.D. 1-2695
- Spektor, V.N. *see* Tshin, A.M. 1-15757
- Spektorov, V. *see* Gurovich, V.Ts. 1-15603
- Speller, R.D., White, D.R., Veerappan, R., Coleman, A.J., Waller, P.E. A survey of 29 EMI CT machines in Britain 1-49099
- Speller, R.D. *see* White, D.R. 1-49098
- Speller, W. *see* Sauthoff, G. 1-31464
- Spells, S. *see* Rabe, J. 1-43804
- Spells, S.J., Sadler, D.M., Keller, A. Chain trajectory in solution grown polyethylene crystals: correlation between infra-red spectroscopy and small-angle neutron scattering 1-31150
- Spence, D. Autoionizing states of Ne in the energy range 41 to 52 eV derived from near-threshold scattered-electron spectra 1-29117
- Spence, D. Autoionizing states in the ionization continuum of the rare gases determined from near-threshold electron impact techniques 1-37332
- Spence, D. On resonances in HF 1-45982
- Spence, J.C.H. The use of characteristic loss energy selected electron diffraction patterns for site symmetry determination 1-7049
- Spence, J.C.H. The use of characteristic loss energy selected electron diffraction patterns for site symmetry determination 1-15761
- Spence, J.C.H., Bleha, W.P. A real-time optical image projection system for electron microscopy 1-28130
- Spence, J.C.H., Cowley, J.M., Grossky, R. The effect of lens aberrations on lattice images of spinodally decomposed alloys 1-40904
- Spence, J.C.H., Olsen, A. Use of Pockels readout optical modulators (PROMs) for atomic resolution electron image processing 1-24492
- Spence, J.C.H. *see* Cockayne, D.J.H. 1-38374
- Spence, J.C.H. *see* Humphreys, C.J. 1-36773
- Spence, J.W. *see* Hanst, P. 1-22380
- Spencer, A.C. *see* Gurcak, A.W. 1-18724
- Spencer, A.J.M. *see* Moss, R.L. 1-29549
- Spencer, B.W., Volpenhein, E.C., Jones, B.G., Hassan, Y.A. Hydraulic influences of TOP-generated blockages in an LMFBR subassembly 1-10470
- Spencer, B.W. *see* Jones, B.G. 1-5968
- Spencer, B.W. *see* Volpenhein, E.C. 1-45685
- Spencer, C.D., Smith, P.A., Karnes, C.M., Shepard, W.A. Mossbauer study of iron-cobalt-rhodium spinels 1-7982
- Spencer, C.D. *see* Smith, P.A. 1-40621
- Spencer, C.R., Adam, E., Gregory, E., Marancik, W., Rosen, C.Z. Production of Nb₃Sn by the in situ process 1-48295
- Spencer, D. *see* Shor, A. 1-4502
- Spencer, D.L. *see* Smith, T.F. 1-13163
- Spencer, E.A. Proving the traceability of flow measurement laboratories 1-2118
- Spencer, E.G., Rowell, J.M. Superconductivity of Ta-Zr films produced by co-sputtering [tunnel junction formation] 1-47815
- Spencer, J.E. *see* Miller, G.A. 1-23689
- Spencer, J.H. *see* Bowers, P.F. 1-49836
- Spencer, J.H. *see* Genzel, R. 1-9597
- Spencer, J.H. *see* Johnston, K.J. 1-49196
- Spencer, J.N., Garrett, R.C., Mayer, F.J., Merkle, J.E., Powell, C.R., Tran, M.T., Berger, S.K. Amide hydrogen bonding in organic medium 1-10724
- Spencer, J.P., Humphreys, C.J. A multiple scattering transport theory for electron channelling patterns 1-20288
- Spencer, N.W. *see* Wharton, L.E. 1-9316
- Spencer, P.J. *see* Gallagher, R. 1-42514
- Spencer, R. *see* Cartwright, D.E. 1-17622
- Spencer, R.B. Transportation and communications 1-31999
- Spencer, R.E., Dewese, S.K., Matlock, D.K., Olson, D.L. Fatigue crack propagation characteristics of 2 1/4 Cr-1 Mo steel in liquid lithium at 773 K 1-16880
- Spencer, R.L. Bifurcation of sharp boundary $\beta=1$ multiple equilibria 1-2171
- Spencer, S.A., Kossiakoff, A.A. An automated peak fitting procedure for processing protein diffraction data from a linear position-sensitive detector 1-32318
- Spencer, T. *see* Brimont, J. 1-27885, 1-32921, 1-40717
- Spencer, T. *see* Rao, Y.V. 1-51047
- Spencer, T.W. *see* Clark, V.A. 1-22333
- Spencer, T.W. *see* Timmann, B.R. 1-22334
- Spengler, D.M. *see* Carter, D.R. 1-53811
- Spengler, D.M. *see* Vasu, R. 1-22050
- Spengler, H. *see* Schroder, R. 1-23780
- Spenner, K. *see* Bruning, K. 1-54316
- Spenner, K. *see* Knudsen, W.C. 1-40367
- Spenser, P.M. *see* Aitken, D.C. 1-4923
- Speranskaya, A.A. *see* Anisimova, E.P. 1-40138
- Speranzini, R.A. *see* Buckley, L.P. 1-23834
- Sperber, D. *see* Birkelund, J.R. 1-50697
- Sperber, D. *see* Mooney, P. 1-28496
- Sperber, D. *see* Morrison, W.W. 1-45559
- Sperber, D. *see* Samadpour, S.K. 1-33276, 1-41136
- Sperduto, A. *see* Beckerman, M. 1-10401
- Sperduto, A. *see* Schier, W. 1-41156
- Sperkach, V.S. *see* Garkusha, L.N. 1-7223
- Sperlich, B. *see* Euler, K.J. 1-47609
- Sperlich, B. *see* Euler, K.J. 1-43545
- Sperlin, H.G., Johnson, C., Harwerth, R.S. Differential spectral photic damage to primate cones 1-35820
- Sperling, R. *see* Kuhne, H. 1-20589, 1-42408
- Speroni, N. *see* Azouit, M. 1-44325
- Sper, P., Kerner, H.J., Mayer, W.A., Wagner, W. Evaporation rates and total reaction cross sections for the system ³⁶S + ⁴⁸Ca 1-18677
- Sper, P. *see* Esel, H. 1-6076
- Sper, P. *see* Mayer, W. 1-18567
- Sper, P. *see* Rehm, K.E. 1-50641
- Speth, J., Wambach, J. Electric giant multipole resonances 1-687
- Speth, J. *see* Backman, S.-O. 1-654
- Speth, J. *see* Krawald, S. 1-33250
- Speth, J. *see* Osterfeld, F. 1-50520
- Speth, J. *see* Wambach, J. 1-10364
- Speth, P., Osthaus, A. The global energy budget of the atmosphere. III. Horizontal transports of sensible heat and momentum of stationary eddies and connected energy conversions throughout a ten-year period (1967-1976) 1-22390
- Spetz, S.W. *see* Sankovich, M.F. 1-789
- Spetzler, H.A. *see* Sondergeld, C.H. 1-22337
- Spevak, I.S. Thermal lens in a visco-elastic plate 1-29350
- Speybroeck, L. Van *see* Van Speybroeck, L.
- Spezeski, J.J., Kalman, O.F., McIntyre, L.C., Jr. Time-of-flight study of H(2S) and D(2S) produced by electron impact on H₂ and D₂: fast peaks 1-15023
- Speziale, C.G. On frame-indifference and iterative procedures in the kinetic theory of gases 1-24908
- Speziale, C.G., Eringen, A.C. Nonlocal fluid mechanics description of wall turbulence 1-19682
- Speziale, T., Berger, R.L. Effects of anisotropic ion-wave damping in stimulated Brillouin scattering 1-34052
- Spiaik, W.A. *see* Janz, G.J. 1-35644
- Spicer, C.J. *see* Bounds, D.G. 1-41313
- Spicer, D.S., Brown, J.C. A classification scheme for scalar flare models 1-4858
- Spicer, D.S. *see* Gibbons, M. 1-54458
- Spicer, D.S. *see* Widling, K.G. 1-49590
- Spicer, W.E., Lindau, I., Skeath, P., Su, C.Y. Unified defect model and beyond 1-16331
- Spicer, W.E., Skeath, P., Su, C.Y., Lindau, I. Fermi level pinning at 3-5 semiconductor interfaces 1-52622
- Spicer, W.E. *see* Abbati, I. 1-16655
- Spicer, W.E. *see* Braicovich, L. 1-16367
- Spicer, W.E. *see* Lindau, I. 1-8198
- Spicer, W.E. *see* Miller, J.N. 1-16104, 1-47725
- Spicer, W.E. *see* Pate, B.B. 1-16334
- Spicer, W.E. *see* Skeath, P. 1-16172
- Spicer, W.E. *see* Su, C.Y. 1-16173
- Spiegel, E.A., Weiss, N.O. Magnetic activity and variations in solar luminosity 1-9461
- Spiegel, H.J. *see* Krafft, G. 1-40772
- Spiegel, K. Electrochemical sensors for the determination of pH and dissolved oxygen for process control on sterile terms 1-32331
- Spiegel, M.F., Watson, C.S. Factors in the discrimination of total patterns. III. Frequency discrimination with components of well-learned patterns 1-39939
- Spiegel, R.J., Oakley, W.E., Bronaugh, E.L. A variable-volume cavity electromagnetic near-field simulator 1-17527
- Spiegel, R.J., Sturdivant, V.R., Owen, T.E. Modeling resistivity anomalies from localized voids under irregular terrain 1-17696
- Spiegel, S.L. *see* Magnell, B.A. 1-54118
- Spiegel, V. *see* Schwartz, R.B. 1-14705
- Spiegelhauer, H. *see* Simon, M. 1-9338
- Spieker, R. Optical reflection scatter meter 1-18285
- Spierenburg, W. *see* Daum, C. 1-14736
- Spierer, C. The industrial demand for energy. Application to Switzerland 1-35629
- Spiering, H. *see* Hasselbach, K.M. 1-21093
- Spierings, B.A.C.M. *see* Brongersma, H.H. 1-1731
- Spies, A. Precision scales of steel 1-27947
- Spies, B.R. A field occurrence of sign reversals with the transient electromagnetic method 1-22513
- Spies, B.R., Raiche, A.P. Calculation of apparent conductivity for the transient electromagnetic (coincident loop) method using an HP-67 calculator 1-17556
- Spies, F. *see* Naumann, F.K. 1-8488
- Spies, G.O. Necessary and sufficient magnetohydrodynamic stability criterion for rotating multipoles and mirrors 1-11551
- Spies, G.O. Critical beta in flux conserving Tokamak equilibrium theory 1-29892
- Spies, G.O., Heilstein, T.A.K. Necessary magnetohydrodynamic stability criterion for rotating plasmas 1-19884
- Spies, F.N. *see* Tyce, R.C. 1-11233
- Spies, G. *see* Roussel, F. 1-10805
- Spies, H.W. *see* Pischorn, O. 1-16488
- Spies, H.W. Frequency stabilization of Ar⁺ lasers at 582 THz using expanded beams in external ¹²⁷I₂ cells 1-36615
- Spiga, G., Spiga, M. A rigorous solution to a heat transfer two phase model in porous media and packed beds 1-38008
- Spiga, G., Vestrucci, P. Rigorous solution to multiregion problems of nonequilibrium neutron transport theory 1-36983
- Spiga, M., Lorenzini, E. Neutron distribution influence on the thermal design of a nuclear fuel rod 1-14574
- Spiga, M. *see* Lorenzini, E. 1-1799, 1-45578
- Spiga, M. *see* Spiga, G. 1-38008
- Spigel, R. Hays *see* Hays Spigel, R.
- Spikeret, W.J.J., Pleiter, F., de Waard, H. Calibration of the isomer shift of ⁸³Kr 1-16510
- Spiker, E.C. *see* Bothner, M.H. 1-54076
- Spikhal'skii, A.A., Sychugov, V.A. Method of coupled waves as applied to radiating distributed-feedback structures 1-1726
- Spilker, R.L. High order three-dimensional hybrid-stress elements for thick-plate analysis 1-29532
- Spilker, R.L. Mechanical behavior of a simple model of an intervertebral disk under compressive loading 1-35799
- Spilker, R.L. A traction-free-edge hybrid-stress element for the analysis of edge effects in cross-ply laminates 1-37787
- Spilker, R.L., Munir, N.I. A hybrid-stress quadratic serendipity displacement Mindlin plate bending element 1-37809
- Spill, A. *see* Grupe, C. 1-1003
- Spillanti, P. Efficiency of a sense wire in the region of its supporting hook in a drift chamber 1-23946
- Spillanti, P. *see* Antreasyan, D. 1-10287
- Spillanti, P. *see* Bologna, G. 1-28817
- Spillar, E.J. *see* Hildebrand, R.H. 1-49664
- Spiller, E. Recent developments towards high resolution X-ray imaging 1-23392
- Spiller, E., Haller, I., Feder, R., Baglin, J.E., Hammer, W.N. Graded-index AR surfaces produced by ion implantation on plastic materials 1-6689
- Spiller, E., Segmuller, A., Rife, J., Haelblich, R.P. Controlled fabrication of multilayer soft-X-ray mirrors 1-40911
- Spiller, E. *see* Broers, A.N. 1-23169
- Spiller, G.D.T., Smith, D.A. A transmission electron microscope study of a directionally solidified $\gamma/\gamma_2\text{-Cr}_2\text{C}_3$ eutectic 1-3713
- Spillman, C.K. *see* Robbins, F.V. 1-8765
- Spillman, W.B., Jr. Multimode fiber-optic hydrophone based on a schlieren technique 1-41841
- Spina, G. *see* Cianchi, L. 1-52534
- Spina, M.E. *see* Dussel, G.G. 1-28406
- Spinat, P., Whuler, A., Brouty, C. On the crystallography of (-)-[Rh(en)]₃Br₃·H₂O 1-34307

- Spinat, P. see Brouty, C. 1-7156
- Spindel, R.C. see Beckerle, J.C. 1-29441
- Spinelli, G. see Cavalleri, G. 1-5217
- Spinelli, N. see Armenante, M. 1-5432
- Spinelli, P. see Borri, C. 1-11304
- Spinetti, M. see Bacci, C. 1-575
- Spinetti, M. see Basile, M. 1-10188, 1-45349
- Spingarn, N.E., Sartorelli, A.C. Mechanism of binding of iron to potential therapeutic chelating agents 1-1118
- Spinhrne, J.D., Reagan, J.A., Herman, B.M. Vertical distribution of aerosol extinction cross section and inference of aerosol imaginary index in the troposphere by lidar technique 1-9250
- Spinhrne, J.M. see Freeman, R.H. 1-46396
- Spink, P.C. Scottish snow-beds in summer: 1979 survey and some comments on the last 30 years 1-27217
- Spinolo, G., Massarotti, V. Ag₂SBr and Ag₂SI: a diffractometric study of the low temperature modifications 1-20455
- Spinolo, G. see Beruto, D. 1-3678
- Spinolo, G. see Massarotti, V. 1-30215
- Spinolo, G. see Pollini, I. 1-34668
- Spinrad, H. Spectroscopy with new detectors 1-49629
- Spinrad, H. see Smith, H.E. 1-27629
- Spinrad, H. see Wyckoff, S. 1-9709
- Spinrad, R.W. see Ronald, J. 1-13472, 1-19270
- Spirath, S. see Ettinger, K.V. 1-8134
- Spiridonov, A.A. see Zhigunov, V.P. 1-45772
- Spiridonov, G.I. see Biryukov, V.T. 1-26690
- Spiridonov, R.V. see Vezentsyna, Z.V. 1-18260
- Spiridonov, V.I. see Berliner, M.A. 1-44876
- Spiridonov, V.N. see Korsakov, V.V. 1-18258
- Spiridonov, V.P., Gershikov, A.G. A new approach to electron diffraction analysis of symmetric triatomic molecules with large amplitude bending motion. Dynamical model and intensity of scattering 1-29115
- Spiridonov, V.P., Gershikov, A.G., Altman, A.B., Romanov, G.V., Ivanov, A.A. A new approach to electron diffraction analysis of symmetric triatomic molecules with large-amplitude bending motion. The equilibrium geometry, force field and vibrational frequencies of BaI₂ as determined by electron diffraction 1-29116
- Spiridonov, V.P. see Bubis, I.Ya. 1-11193
- Spirin, G.G. Methodological peculiarities of short measurements at the stage of irregular thermal regime 1-46662
- Spirin, G.G. Molecular thermal conductivity of organic liquids 1-47307
- Spirin, V.I. see Simakov, S.P. 1-971
- Spirko, V. see Belov, S.P. 1-37205
- Spir'kova, E.S. see Mineev, Yu.V. 1-22645
- Spir'kova, Ye.S. see Mineev, Yu.V. 1-22624
- Spirlet, J.C. see Brooks, M.S.S. 1-47059
- Spirlet, J.C. see Delapalme, J. 1-47843
- Spirlet, J.C. see Moser, J. 1-47992
- Spirlet, J.C. see Naegele, J.R. 1-48230
- Spirlet, J.C. see Hall, R.O.A. 1-30415
- Spiro, A.G. see Borisevich, N.A. 1-51216
- Spiro, A.G. see Neperent, B.S. 1-48118
- Spiro, I.J. Nomenclature for focal surface radiometry 1-36719
- Spiro, R.W. see Reiff, P.H. 1-40274
- Spiro, T.G. see Bowman, W.D. 1-28874, 1-33469
- Spiro, T.G. see Dutta, P.K. 1-15046
- Spiro, T.G. see Sping, J.D. 1-19101
- Spirov, I. see Asenov, S. 1-16512
- Spiruts, V.B. see Kulchitskii, V.E. 1-4469
- Spit, F.H.M., Drijver, J.W., Radelaar, S. Hydrogen sorption by the metallic glass Ni₄₀Zr₆₀ and by related crystalline compounds 1-16178
- Spit, F.H.M., Drijver, J.W., Turkenburg, W.C., Radelaar, S. Hydrogen sorption by some early-late transition metal glasses 1-34572
- Spital, R.D. see Joseph, P.M. 1-32231
- Spitaleri, C. see Fallica, P.G. 1-14532, 1-50606
- Spite, M. see Perrin, M.-N. 1-54492
- Spitsyn, A.V. see Levonovich, B.N. 1-20821
- Spitsyn, A.V. see Vavilov, V.S. 1-30255
- Spitsyn, B.V. see Kislyevskii, L.D. 1-8080
- Spitsyn, V.G. see Sarychev, V.T. 1-19852
- Spittle, M.F., Ranu, H.S., Hutton, W.C., Chaloner, A.V.J., Burlin, T.E. A comparison of different treatment regimes on the visual appearance and mechanical properties of mouse skin 1-26943
- Spittlehouse, D.L. see Kalanda, B.D. 1-44260
- Spitze, L.A. see Wyderen, T. 1-39695
- Spitzer, A., Luth, H. The adsorption of CO on Cu surfaces studied by electron energy loss spectroscopy 1-35137
- Spitzer, C.R. see Hutton, R.E. 1-49555
- Spitzer, H. see Berger, C. 1-5636, 1-10209
- Spitzer, H. see Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Spitzer, L., Jr., Mathieu, R.D. Random gravitational encounters and the evolution of spherical systems. VIII. Clusters with an initial distribution of binaries 1-22845
- Spitzer, M., Shewchun, J., Burk, D. The operation of the semiconductor-insulator-semiconductor solar cell: Barrier height lowering through interface states 1-43759
- Spitzer, R. see Schneider, S. 1-10900
- Spitzer, R. see Jacobs, S.F. (editor) 1-9768
- Spitzer-Aronson, M. A new method for the study of flat glasses. Accurate microstructure implications of trace elements variation on the structure of glasses 1-30077
- Spitzig, W.A. see Anand, L. 1-33917
- Spitzmann, K. see Meissner, M. 1-42547
- Spitzmesser, D.J. see Faselow, J.L. 1-49195
- Spivak, B.Z. see Al'tshuler, B.L. 1-52594
- Spivak, G.V. see Karelin, N.M. 1-25802
- Spivak, G.V. see Obyden, S.K. 1-26283
- Spivak, G.V. see Rau, E.I. 1-23383
- Spivak, I.I. see Andrievskii, R.A. 1-21530, 1-31402
- Spivak, L.V. see Oletin, G.I. 1-48431
- Spivak, M.M., Tarasenko, B.Z., Klyuchnikov, Yu.F., Taranov, V.F., Loparev, A.G. Vacuum chamber for investigating processes of evaporation and condensation 1-23249
- Spivakov, V.I. see Bol'shakov, V.I. 1-43379
- Spjut, H.J. see Engvall, J. 1-35739
- Spławski, B.A., Ziver, A.K., Galliara, J. Using orthogonal functions with a finite element method for approximating even-parity neutron flux in slab geometry 1-45564
- Spoelstra, P. see Wieneke, G.H. 1-27012
- Spohr, R. Nuclear track irradiations at GSI 1-10599
- Spohr, R. Heavy ion nuclear tracks—an emerging technology 1-47120
- Spokoyny, B.L. The singularity of homogeneous cosmological models with electromagnetic fields 1-54673
- Spoliti, M., De Maria, G., d'Alessio, L., Maltese, M. Bonding in and spectroscopic properties of gaseous triatomic molecules. I. Alkaline-earth metal dihalides 1-6240
- Spoliti, M., Piacente, V., Beneciventi, L., Ferro, D., Cesaro, S.N. Infrared spectra of matrix isolated gaseous ternary oxides. III. The infrared and mass spectrometric analysis of sodium molybdate and tungsten 1-39699
- Spoliti, M. see Beneciventi, L. 1-1227
- Spoliti, M. see Maltese, M. 1-3388
- Spoliti, M. see Nenciventi, L. 1-1228
- Spol'nik, A.I. see Belozorov, D.P. 1-26042
- Sponagel, S. see Akbay, U. 1-19758
- Spong, D.A., Hedrick, C.L. Variational corrections to ELMO Bumpy Torus neoclassical ion plateau transport 1-6936
- Spong, F.W. see Bartolini, R.A. 1-41761
- Spong, L.A. Performance testing of lenses for television 1-41814
- Spongberg, R.C. US international commercialization programs for solar energy 1-43744
- Spooner, S., Child, H.R., Hsu, F.H., Vance, E.R., Smith, J.H. Small-angle neutron scattering and positron annihilation in Mn-Cu alloys 1-53184
- Spoonhower, J.P. Microwave photoconductive and photodiode effects in silver halides 1-12143
- Spoorenberg, C. see Elen, J.D. 1-50923
- Sporckmann, B. see Moller, K. 1-34154
- Sporl, G. see Hegenbarth, E. 1-20485
- Sporov, E.A. see Get'man, V.A. 1-10230
- Sportelli, L. see Cannistraro, S. 1-32182
- Spotkai, G.V. see Brainin, E.I. 1-43506
- Sprackling, M.T. The etching of melt-grown silver halide crystals 1-30229
- Sprague, J.A. see Roarty, K.B. 1-52183
- Sprague, J.T., Allinger, N.L. Graphite: a molecular mechanics treatment 1-19017
- Sprang, H.A. van see van Sprang, H.A.
- Sprang, S., Fletcher, R.J. Subunit interactions and the allosteric response in phosphorylase 1-8794
- Sprangle, P., Cha-mei Tang, Manheimer, W.M. The general non-linear theory of free-electron laser and efficiency enhancement 1-10962
- Spratt, C.E. SU Tauri 1-17857
- Spratt, C.E. Periodic Comet Borrelly (1980i) 1-54425
- Spratt, C.E. see Antal, M. 1-54424
- Spratt, C.E. see Marsden, B.G. 1-36220
- Spratte, W. see Herrmann, J. 1-38520
- Spreiter, J.R., Stahara, S.S. A new predictive model for determining solar wind-terrestrial planet interactions 1-40280
- Sprenger, H. see Bayer, R.K. 1-52089
- Sprengers, J.H.M. Illumination of the oral cavity 1-17468
- Sprengers, J.H.M. see Den Boer, J.A. 1-17483
- Sprick, M., Trappeniers, N.J. The orientational relaxation of methane molecules in the solid phase II at low temperatures 1-15820
- Springall, J.P. see Grinter, R. 1-41532
- Springer, A.P., Dill, R.E., Blanton, P.L. An electromyographic study of neck torsion in cats following cholinergic stimulation of the globus pallidus, entopeduncular and caudate nuclei 1-53773
- Springer, G.S., Sanders, B.A., Tung, R.W. Environmental effects on glass fiber reinforced polyester and vinylster composites 1-21606
- Springer, R. see Domschke, P. 1-23304
- Springer, T. see White, J. 1-10418
- Springer, T.A., Norris, C.G., McCoy, R.D. Use of a process chromatograph for custody transfer of natural gas 1-31969
- Springer, T.H. see Thomson, W.B. 1-48925
- Springett, B.E. see Cheung, L. 1-20023
- Springford, M. see Elliott, M. 1-25612
- Springis, J.K. see Pujats, A.V. 1-26267
- Spinkle, J.K., Jr. see Russo, P.A. 1-14634
- Sprokel, G.J. An RF plasma technique for producing twisted nematic liquid crystal cells 1-39249
- Sprokel, G.J. see Swalen, J.D. 1-39175
- Sprokel, G.J. (editor) Physics and Chemistry of Liquid Crystal Devices, Proceedings of the Symposium 1-38273
- Spross, R.L. see Janacke, J. 1-36924
- Sprossig, W. Taylor and Laurent expansions of general spatial analytical functions 1-5089
- Sproston, J.L., Ayre, D.N. Migration of charged species in lead-acid cells: preliminary experiments 1-4170
- Sproston, J.L., Hambly, M., Speakman, M. Charging of lead-acid batteries using electrolyte circulation 1-8699
- Sproston, M. see Alkofer, O.C. 1-45773
- Sprouse, G.D. see Daffi, E. 1-36923
- Spruch, L. see Nowak, E.J. 1-1370
- Spruch, L. see Shakeshaft, R. 1-1131, 1-45846
- Spruch, L. see Wadehra, J.M. 1-1374
- Spruiell, J.E. see Minoshima, W. 1-51727
- Sprung, D.W.L., Lie, S.G., Vallieres, M. Collective gyromagnetic ratio from density dependent Hartree-Fock calculations. II. Odd nuclei 1-36894
- Sprung, D.W.L., Vallieres, M. A method to accelerate convergence of Hartree-Fock calculations 1-50534
- Sprung, D.W.L. see Isgur, N. 1-14393, 1-45283
- Sprung, D.W.L. see Klarsfeld, S. 1-36903
- Sprung, D.W.L. see Martorell, J. 1-23559
- Sprung, D.W.L. see Pantis, G. 1-50494
- Sprunger, E. see Bart, G. 1-50955
- Sprungmann, K.W., Ritchie, I.G. Instrumentation computer software and experimental techniques used in low-frequency internal friction studies at WNR 1-12952
- Sprungmann, K.W. see Ritchie, I.G. 1-2462
- Sprunken, H.-R., Schumacher, R., Schindler, R.N. Photoinduced processes on n-TiO₂ electrodes 1-39653
- Sprusil, B. see Haslar, V. 1-43419
- Sprusil, B. see Stejskalova, V. 1-43415
- Sprussel, G. see Skibowski, M. 1-30636
- Spudich, P., Orcutt, J. A new look at the seismic velocity structure of the oceanic crust 1-35957
- Spudich, P.K.P. The deHoop-Knopoff representation theorem as a linear inverse problem 1-17565
- Spurny, A., Turek, K. Comparison of different detectors as sensitive elements in an albedo dosimeter 1-28710
- Spurny, F., Barta, K. Theoretical and experimental analysis of fast neutron sensitivity of a thermoluminescent aluminophosphate glass 1-6042
- Spurny, F., Pronza, Z., Kubeckova, J., Tichy, M. On the use of the VVR-S reactor in physico-biological studies 1-942
- Spurny, F. see Luck, H.-B. 1-51051
- Spurny, Z. Some new materials for TLD 1-957
- Spurr, A.R. Applications of SIMS in biology and medicine 1-4380
- Spurr, A.R., Galle, P. Localization of elements in botanical materials by secondary ion mass spectrometry 1-32330
- Spurr, R.T. Temperatures reached by sliding thermocouples 1-11362
- Spurrier, J., Santarossa, R.A., Hancock, P. The influence of stored energy on crack arrest of BS 4360 50B structural steel 1-39415
- Spurrier, J. see De Castro, P.M.S.T. 1-48613
- Spuskanuk, V.Z. see Chernyi, Yu.F. 1-8304
- Spyropoulou-Stassinaki, M. see Barth, M. 1-41018
- Spyros, S.M. see Szamrej, I. 1-37346
- Squarcia, S. see Barth, M. 1-41018, 1-45377
- Squarcia, S. see Fontanelli, F. 1-6103
- Squarer, D., Peoples, J.A. Dryout in inductively heated bed with and without forced flow 1-10475
- Squier, G.T.A. see Batty, C.J. 1-51322
- Squires, A.M. see Penner, S.S. 1-13071
- Squires, G.L. Interaction of thermal neutrons with matter 1-36955
- Squires, N., Aine, C., Buchwald, J., Norman, R., Galbraith, G. Auditory brain stem response abnormalities in severely and profoundly retarded adults 1-32136
- Squitiere, R. see Sagan, L.A. 1-28747
- Squyres, S.W. Volume changes in Ganymede and Callisto and the origin of grooved terrain 1-4813
- Sramek, D., van der Hulst, J.M., Weiler, K.W. Supernova in NGC 6946 1-32717
- Sramek, R.A. see Gopal-Krishna 1-13876
- Sramek, R.A. see Weiler, K.W. 1-54527
- Sramek, S.J. Computed cross section for resonant charge transfer in Ba⁺+Ba collisions 1-24223
- Sramek, S.J., Macek, J.H., Callup, G.A. Computed cross sections for electron transfer in Ba⁺+Ba⁺ collisions 1-1363

- Srebotnjak, E. see Cviki, B. 1-7079
- Srednicki, M., Susskind, L. Colored monopoles on the lattice 1-45117
- Sreenivas Rao, R.S. see Singh, R. 1-48072
- Sreenivasamurthy, S., Ramamurti, V. Effect of a tip mass on the natural frequencies of a rotating pre-twisted cantilever plate 1-6823
- Sreenivasan, K.R., Tavoularis, S. On the skewness of the temperature derivative in turbulent flows 1-37886
- Sreenivasan, K.R., Tavoularis, S., Henry, R., Corrin, S. Temperature fluctuations and scales in grid-generated turbulence 1-11375
- Sretenskiy, V.N. see Naumenko, Ye.D. 1-10555
- Sri Ram, K. see Sharma, D.D. 1-50833
- Sribnaya, V.K., Tolpygo, K.B. Exciton bands in crystalline Ne 1-2889
- Sridhar, B. see Sandor, T. 1-39999
- Sridhar, N., Kargol, J.A., Fiore, N.F. Effect of low temperature aging on hydrogen-induced crack growth in a Ni-base superalloy 1-26621
- Sridhar, R. see Conard, B.R. 1-26763
- Sridhar, T. see Chhabra, R.P. 1-2124
- Sridhar, V.N. see Parthasarathy, R. 1-45496
- Sridharan, K. see Paul, H.S. 1-1884
- Sridharan, K.R., Ramakrishna, J., Ramachandran, K., Krishnamurthy, S.S. NOR studies of the chloro(amino)cyclotriphosphazenes, $N_3P(NHCH_2CH_2NH)Cl_2$, $N_3P(NHCH_2CH_2NH)_2Cl$, and $N_3P(NHCH_2CH_2NH)_3$ 1-26071
- Sridharan, K.R. see Chandramani, R. 1-21077
- Srikanth, M.L. see Hellman, W.S. 1-14247
- Srimani, P.K. see Rudraiah, N. 1-6888
- Srinath, L.S., Keshavan, S.Y. A semidestructuve method for three dimensional photoelasticity 1-41992
- Srinatha, H.R., Lewis, R.W. A finite element method for thermoviscoelastic analysis of plane problems 1-19581
- Srinivasa Rao, A. Influence of pressure on the hydrogen bond system and heat capacity of water 1-47249
- Srinivasan, A. see Jagannathan, K. 1-16182
- Srinivasan, A. see Rao, C.N.R. 1-4132
- Srinivasan, C., Balasingh, C., Singh, A.K. Measurement of thickness of thin films by the x-ray diffraction method 1-53394
- Srinivasan, G. see Prakash, Om. 1-52804
- Srinivasan, G.M., Ramesh, R., Balasubramanian, S. On temperature dependence of surface tension 1-16142
- Srinivasan, G.R. Flow effects in epitaxial autodoping 1-7489
- Srinivasan, K., Seshagiri Rao, V., Krishna Murthy, M.V. Comparative study on cool-down of materials to cryogenic temperatures 1-44932
- Srinivasan, K. see Hug, V. 1-28977
- Srinivasan, M. see Basu, T.K. 1-5774
- Srinivasan, M. see Job, P.K. 1-5909
- Srinivasan, M. see Mahammad Ibrahim, A. 1-34465
- Srinivasan, R. see Ramani, K. 1-28046
- Srinivasan, R. see Subramanyam, S.V. 1-5326
- Srinivasan, R. see Venkataramanan, V. 1-52415
- Srinivasan, S. see McGreen, J. 1-48831
- Srinivasan, S. see Sahu, H.K. 1-7166
- Srinivasan, S.K., Udayaskaran, S. Stochastic perturbation of a stable deterministic plasma system 1-29865
- Srinivasan, V., Ramamurti, V. Bending of an annular plate in the presence of a concentrated, in-plane edge load 1-15393
- Srinivasan, V., Ramamurti, V. Dynamic response of an annular disk to a moving concentrated, in-plane edge load 1-19618
- Srinivasan, V., Ramamurti, V. Stability and vibration of an annular plate with concentrated edge load 1-37826
- Sriram, S., Das, M.B. Determination of shallow defect levels using thermally stimulated current in implant-layer/substrate junctions of GaAs MESFETs 1-30818
- Srirama Rao, M. see Devara, P.C.S. 1-54302
- Srirama Rao, M. see Ernest Raj, P. 1-22611
- Sriramamurthy, A.M. see Tewari, S.N. 1-53169
- Sriramulu, V. see Ahmed, S.B. 1-17306
- Srirangarajan, H.R. Response of duffing oscillator to one half-cycle sine pulse 1-44761
- Srithar, S. see Ettinger, K.V. 1-9031
- Sritharan, T., Jones, H. The creep of type 304 stainless steel at low stresses 1-21505
- Srivastava, R.K. see Asghar Hussain, S. 1-21114
- Srivastava, A., Kumar, A., Tiwari, G.N. Thermal performance of a south facing wall as solar collector storage system 1-21929
- Srivastava, A. see Kaushik, N.D. 1-29504
- Srivastava, A. see Sodha, M.S. 1-17241, 1-39822
- Srivastava, A.K., Arora, B.M., Guha, S. Measurement of Richardson constant of GaAs Schottky barriers 1-34796
- Srivastava, A.K. see Singh, P.P. 1-8565
- Srivastava, A.P. see Kulkshrestha, Y.K. 1-3317
- Srivastava, B.C. see Sinha, A.B. 1-49076
- Srivastava, B.K. see Krishnamurthy, A. 1-47991
- Srivastava, B.K. see Krishnamurthy, A. 1-12080
- Srivastava, B.K. see Mahajan, G.R. 1-23975
- Srivastava, B.K. see Tayal, V.P. 1-34429
- Srivastava, C.K. see Mehrotra, K.N. 1-42498
- Srivastava, G.P. Acoustic-optical phonon interactions in solids 1-15992
- Srivastava, G.P. see Goyal, M.L. 1-41776, 1-51542
- Srivastava, G.P. see Humphreys, T.P. 1-47465
- Srivastava, G.P. see Montgomery, V. 1-52642
- Srivastava, G.P. see Parke, A.W. 1-16229
- Srivastava, G.P. see Singh, P.K. 1-26177
- Srivastava, G.P. see Srivastava, S. 1-12192
- Srivastava, G.P. see Williams, R.H. 1-39219
- Srivastava, H.C., Ghosh, P.K. Population densities of He(I) and He(II) excited states in plasmas 1-19860
- Srivastava, J.K., Supe, J.S. Thermoluminescence processes in $CaSO_4:Dy$. Dependence on stopping power 1-26285
- Srivastava, K.D. see Anis, H. 1-11506
- Srivastava, K.K. see Singh, P. 1-29669
- Srivastava, K.K. see Singh, S. 1-52603
- Srivastava, K.K.P., Singh, H.C. Paramagnetic spin relaxation due to spin-spin interaction assisted by spin-phonon interaction or vice versa. I 1-3287
- Srivastava, K.M., Vyas, D.N. Diffusion and stability of a Toroidal plasma penetrated by neutral gas 1-2159
- Srivastava, L.M., Srivastava, V.P., Agarwal, R.P. Boundary layer of density-stratified fluids with a suspension of particles 1-15532
- Srivastava, M., Brownlee, D.E. Reflectivity of single micron size irregularly shaped dust grains 1-13656
- Srivastava, M.L., Lal, S.N. Electrokinetic studies on a thorium oxide membrane. I. Electroosmosis and electrophoresis 1-21738
- Srivastava, N.C. see Gupta, S. 1-3161, 1-7931
- Srivastava, O.N. see Meera Rao 1-7519
- Srivastava, O.N. see Rao, M. 1-25731
- Srivastava, P.K. see Jolly, P. 1-10634
- Srivastava, P.N. see Kapoor, G. 1-22074
- Srivastava, R.B., Pace, C., Nai-Teng Yu. Comparative Raman studies of cytochrome b_{562} and cytochrome c 1-43853
- Srivastava, R.C. see Garg, A. 1-7224
- Srivastava, R.D., Nigam, S.K. A study of the effects of surfactants on the electrodeposition of Ni-Co alloy 1-16706
- Srivastava, R.K., Bhatnagar, C.S. Production of quasi-permanent iso-charge densities on polymer tubes 1-39028
- Srivastava, R.K., Qureshi, M.S., Bhatnagar, C.S. Electret properties of electrically charged silicone rubber 1-31083
- Srivastava, R.N. see Tiwari, M. 1-3134
- Srivastava, R.P. see Johnston, L.H. 1-37522
- Srivastava, S., Srivastava, G.P., Singh, B.R. Charge build-up in MOS system under ionizing radiation 1-12192
- Srivastava, S. see Bandyopadhyay, P.C. 1-47997
- Srivastava, S.C. Electrodeposition of ternary alloys: developments in 1972-1978 1-8247
- Srivastava, S.K., Mishra, P.C. Electronic spectra of nucleic acid bases: variable electronegativity calculations and an analysis of existing results 1-10661
- Srivastava, S.K., Mishra, P.C. Electronic structure of pyrazine: a study of the geometries in the lowest excited singlet $\pi^* \rightarrow n$ and $\pi^* \rightarrow \pi$ states 1-14819
- Srivastava, S.K., Mishra, P.C. Electronic structure of benzaldehyde: a comparative study of the lowest excited singlet $\pi^* \rightarrow \pi$ and $\pi^* \rightarrow n$ states 1-19019
- Srivastava, S.K. see Johri, G.K. 1-26117
- Srivastava, S.K. see Orlov, O.J. 1-33490
- Srivastava, S.K. see Vuskovic, L. 1-24254
- Srivastava, S.P. Temperature dependence of Anderson-Grunisen parameter of ionic solids 1-34450
- Srivastava, S.P., Singh, I.D. Temperature dependence of infrared active fundamental modes of adamantane 1-3376
- Srivastava, V.K. see Ravindra, N.M. 1-20625, 1-20722
- Srivastava, V.K. see Sen, K. 1-48844
- Srivastava, V.P. see Srivastava, L.M. 1-15532
- Srivastava, Y. see Pancheri-Srivastava, G. 1-18502
- Srivastava, Y. see Ramon-Medrano, M. 1-23412
- Sroga, J.T., Eloranta, E.W., Barber, T. Lidar measurement of wind velocity profiles in the boundary layer 1-22529
- Srolovitz, D. see Egami, T. 1-30064
- Srubbshchik, L.S. Buckling of elastic shells with initial imperfections in many intrinsic modes 1-1853
- Ssengabi, J. Surface dose and depth dose measurements in tangential high-energy photon beams 1-9020
- St-Amant, M., Gaucher, E. Probabilistic evaluation model of an electromagnetic target with a given gravity anomaly 1-17697
- St-Onge, D.A. Glacial Lake Coppermine, north-central District of Mackenzie, Northwest Territories 1-40146
- Staa, R. Van see van Staa, R.
- Staa, R. Van see Van Staa, R.
- Stackmann, K. see Meissner, J. 1-44001
- Stabell, R., Wesson, P.S. Background light from galaxies as a cosmological probe 1-44674
- Stabinis, A. see Valuzis, A. 1-41772
- Stablein, G.E. see Fritzsche, J.L. 1-41402
- Stabler, B. see Lagerwall, S.T. 1-11675
- Stace, A.J., Shukla, A.K. The reactions of CO_2 cluster ions 1-1426
- Stace, A.J., Shukla, A.K. Calculation of peak profiles due to the collision-induced dissociation of polyatomic ions 1-29086
- Stacewicz, T. Ionization of sodium vapour by intense laser light tuned to $3S \rightarrow 3P$ transition 1-15576
- Stacey, B. see Niczyporuk, B. 1-50421, 1-50447
- Stacey, B.J. see Derrick, M. 1-45261
- Stacey, B.J. see Niczyporuk, B. 1-33175
- Stacey, M.H. see Wilson, S.J. 1-35232
- Stacey, W.M. see El Derini, Z. 1-10542
- Stacey, W.M., Jr. Transport fluxes and currents in a multispecies Tokamak plasma with external sources 1-19875
- Stach, J. see Kirmse, R. 1-16502
- Stacharska-Targosz, J. see Gryglaszewski, P. 1-24812
- Stachel, J. Einstein and the rigidly rotating disk 1-17983
- Stachelberger, H. see Schmitt, T. 1-8300
- Stachnik, W. Laser scanning vorticity meter: a new instrument for use in the study of ocean hydrodynamics 1-22544
- Stachowiak, H., Boronski, E. Comments on electron-positron correlations in jellium 1-47579
- Stachowiak, H. see Boronski, E. 1-47580
- Stachyra, L.J. see Epstein, M. 1-25411, 1-42515
- Stachyra, L.J. see Petrie, D.J. 1-10485
- Stackelberg, U. von see von Stackelberg, U.
- Stacy, A., Johnson, D.C., Sienko, M.J. Strange magnetic behavior in the lithium-methylamine system [in metal-nonmetal transition region] 1-25867
- Stacy, W.T. see van Gorp, G.J. 1-11908
- Stadelmann, J.-P. see Bombach, R. 1-29035, 1-33501
- Stadelmann, J.-P. see Dannacher, J. 1-6314, 1-36762
- Stadermann, G. see Herrmann, F.P. 1-30585
- Stadhouders, A.M. see van Eckelen, C.A.G. 1-17533
- Stadie, K.B. International cooperation for assuring safety 1-41189
- Stadnick, S. see Adler, E. 1-48826
- Stadnick, S.J. Nickel hydrogen battery for a spacecraft power subsystem 1-33598
- Stadnik, B. Interference method for determining the number of glass fibres for optical communication 1-11098
- Stadnik, B. Measuring the basic parameters in materials for optical fibres and in non-coated fibres 1-19394
- Stadnik, B. A survey of methods for measuring the characteristics of fibres destined for optical communications 1-19464
- Stadnik, M.M. Determining the stress-concentration factor in bending of a beam with a round crack 1-1896
- Stadnik, M.M. see Andreikiv, A.E. 1-1894
- Stadnik, M.M. see Panasyuk, V.V. 1-29625, 1-33930, 1-34407
- Stadnik, P.E. see Gavrilov, V.A. 1-18208
- Stadnikov, T. see Bechvakzh, F. 1-41114
- Stadnyk, B.I. see Kurtyuk, I.P. 1-18229
- Stadukhin, V.D., Vershinin, V.S., Turanov, V.N., Shabanova, N.N. Resolution of the method of artificial magnetization according to evidence from the Ulovaya anomaly 1-40236
- Staeble, D.L., Pankov, J.I. Conductivity changes in dehydrogenated and rehydrogenated discharge-produced a-Si:H 1-16310
- Staeble, R.W. Environmentally enhanced cracking of engineering alloys—its scope and influence on large scale engineering projects 1-31769
- Staeble, R.W. see Boteng, A. 1-43583
- Staeble, R.W. see Gouda, V.K. 1-39411
- Staehe, J.-L. see Modesti, S. 1-47696
- Staemmler, V., Jaquet, R., Jungen, M. CEPA calculations on open-shell molecules. IV. Electron correlation effects in B_1 Rydberg states of H_2O 1-45874
- Staerke, D. de see de Staerke, D.
- Staes, K. Modified method for colour reproduction characteristics 1-360
- Staes, K., Markie, W. A simplified distortion balance test procedure for optical sound records and prints 1-51684
- Staewen, W.S., Allison, D., Harris, K., Krumholz, A., Goldstein, P. Determining acoustic condensation and rarefaction of earphones for brainstem auditory evoked responses 1-22083
- Stafev, V.I. see Mirsagatov, Sh.A. 1-30814
- Staffa, V.V., Jhaveri, D.K. LNG project development: shipping and terminal considerations 1-48785
- Stafford, C.F. see Smith, L.A. 1-21422
- Stafford, G.D. see Morris, F. 1-49088
- Stafford, M.E. see Bickel, W.S. 1-8900
- Stafford, O.M. see Nath, P. 1-16389
- Staffi, M. see Paderta, B. 1-1435
- Stafsuud, O.M. see Basol, B.M. 1-34813

- Stagaman, J.M. *see* McLaughlin, P.O. 1-51589
- Stagg, C., Wehlauf, A. Period changes in RR Lyrae stars in the globular cluster NGC 6934 1-9513
- Stagno, V. *see* Boscolo, I. 1-51439
- Stahara, S.S. *see* Spreiter, J.R. 1-40280
- Stahelin, P. *see* Diddens, A.N. 1-14747, 1-23998
- Stahelin, P. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Stahl, A. *see* Richter, W. 1-47517
- Stahl, D. Status of development of high-uranium density reduced-enrichment plate-type fuels 1-50909
- Stahl, D. *see* Boese, F.K. 1-53657
- Stahl, D. *see* Schwarz, H. 1-17039
- Stahl, G.A. Techniques of block copolymer preparation 1-13003
- Stahl, G.A. *see* Seymour, R.B. 1-13004
- Stahl, H.P. *see* Wolfe, W.L. 1-40786
- Stahl, O., Wolf, B. Electron scattering in the infalling envelope of the protostar S CrA 1-17838
- Stahl, P. *see* Raj, K. 1-36670
- Stahlberg, B., Weckström, K. Investigation of the red laser transition in neon by mode-crossing and zero-field level-crossing 1-10986
- Stahlberg, U. *see* Keife, H. 1-15413
- Stahlberg, U. *see* Melander, A. 1-1887
- Stahler, J., Presser, G. Application of a low pressure proportional chamber in ion X-ray coincidence measurements 1-14730
- Stahler, J., Presser, G. A low pressure multiwire proportional chamber as a position sensitive detector of heavy ions: construction and detection properties 1-23954
- Stahler, S.W., Shu, F.H., Taam, R.E. The evolution of protostars. I. Global formulation and results 1-22773
- Stahler, S.W., Shu, F.H., Taam, R.E. The evolution of protostars. II. The hydrostatic core 1-44554
- Stahlhofen, W., Morsy, S.M., Eckhardt, B. Calibration of a body counter for the determination of regional deposition of aerosol particles in the human respiratory tract 1-33353
- Stahlhofen, W. *see* Heyder, J. 1-49038
- Stahlkopf, K. *see* Zebroski, E. 1-866
- Stahlmann, H.-D. *see* Hannakam, L. 1-24321
- Stahnke, H.J. *see* Marek, J. 1-24083
- Staib, P. An EXB analyzer to study the particle fluxes, energy, and charge state in the scrape-off layer of Tokamaks 1-29924
- Staib, P., Dylla, H.F., Rossnagel, S.M. In-situ impurity measurements in PDX edge plasma 1-25030
- Staib, P., Dylla, H.F., Rossnagel, S.M. The surface chemistry of stainless steel and evaporated titanium layers in Tokamaks 1-26769
- Staib, P. *see* Niedermyer, H. 1-25040
- Staib, P. *see* Owens, D.K. 1-25073
- Staib, P. *see* Poschenrieder, W. 1-29921
- Staib, P. *see* Staudenmaier, G. 1-24939
- Staikos, G. *see* Dondos, A. 1-51325
- Staikov, G., Obretenov, W., Bostanov, V., Budevski, E. Current transients for the electrolytic growth of crystal faces, intersected by screw dislocations 1-42332
- Staikov, G. *see* Budevski, E. 1-38695
- Stair, P.C. *see* Van Hove, M.A. 1-47344, 1-47345
- Stair, P.C. *see* Walker, B.W. 1-52429
- Stairs, D.G. *see* Faissler, W. 1-45351
- Stakebake, J.L. *see* Hascheke, J.M. 1-26741
- Stakshira, I.M. *see* Bodak, O.I. 1-29980
- Stakshurskii, L.L. *see* Lyashenko, N.I. 1-16437
- Stakshurskii, L.L. *see* Lyashenko, N.I. 1-30933
- Stalberg, E. Some electrophysiological methods for the study of human muscle 1-32268
- Stalberg, E. *see* Wallin, G. 1-49137
- Stal'bovskii, O.I. *see* Slutskii, V.E. 1-32697
- Stalder, K.R. *see* Schlachter, A.S. 1-19180
- Staleraitis, K.K. *see* Pozhela, Yu.K. 1-20790
- Stalgar, O.V. *see* Voronov, F.F. 1-34395
- Stalick, J.K., Mighell, A.D., Boreni, R.J. User evaluation of crystal data products and services: questionnaire analysis and impact 1-9794
- Stalick, J.K. *see* Mighell, A.D. 1-29993
- Stalinski, B. *see* Drulis, H. 1-43007
- Stalio, R. *see* Rusconi, L. 1-17839
- Stalioraitis, K.K. *see* Pozela, J.K. 1-42800
- Stalker, A.C. *see* Croney, S.T. 1-50851
- Stalker, A.C. *see* McIsaac, C.V. 1-28659
- Stalker, K.T., Kelly, J.G. Coded aperture imaging system for nuclear fuel motion detection 1-50790
- Stall, W. *see* Funke, H. 1-23836
- Stallhofer, P. *see* Abstreiter, G. 1-12203
- Stallmann, F.W. *see* Kam, F.B.K. 1-50983
- Stallibrass, M.P. Some comments on external crack problems in 2-dimensional elastostatics 1-24750
- Stalnaker, R.L. *see* Viano, D.C. 1-17429
- Stalp, J.T., Mazess, R.B. Determination of bone density by coherent-Compton scattering 1-26991
- Stals, L. *see* De Schepper, L. 1-20191
- Stamatakis, T. *see* Reynolds, D.A. 1-29299
- Stamatelatos, M.G., Ozer, O., Chipman, M.A. Generalization of the ARMP depletion capabilities 1-10459
- Stambaugh, R.D. *see* La Haye, R.J. 1-6968
- Stamberger, A. The computer technique in electro-medical applications 1-53927
- Stambolic, C. (editor) Solar Energy in the 80s. Proceedings of the Conference on Solar Energy 1-36460
- Stamenkov, S., Plakida, N.M., Aksienov, V.L., Siklos, T. A model description of ferroelectric phase transitions 1-43078
- Stamenkov, S., Zakula, R.B. Solitons in pseudo one-dimensional hydrogen bonded ferroelectrics 1-3339
- Stamenov, I.N. *see* Nikol'skii, S.I. 1-13652
- Stamenov, K.V. *see* Dinev, S.G. 1-24435
- Stamenova, L.B. *see* Stoyanova, N.N. 1-53430
- Stanford, P.A., Watson, R.D. Polarization models for hot nonradial pulsars 1-17848
- Stamm, M., Fischer, E.W., Dettenmaier, M., Convert, P. Chain conformation in the crystalline state by means of neutron scattering methods 1-42325
- Stamm, M. *see* Fischer, E.W. 1-52040
- Stammes, J.J. Focusing of two-dimensional waves 1-37387
- Stammes, J.J. New methods and results in focusing 1-40657
- Stampeli, R. *see* Palti, Y. 1-26886
- Stamper, J.A. Interferometric measurement of small refraction angles 1-2231
- Stamper, J.A. *see* Herbst, M.J. 1-38127
- Stamper, J.A. *see* McLean, E.A. 1-7004
- Stampfli, R. *see* Neumcke, B. 1-8833
- Stampke, S. *see* Bromberg, C. 1-45364
- Stampke, S.R. *see* Bromberg, C. 1-10266
- Stancakova, A. *see* Filka, S. 1-21012
- Stanchak, C.M. *see* Mokroc, H. 1-3624
- Stanchak, C.M. *see* Witkowski, L.C. 1-42848
- Stanchetti, E.A. *see* Boldori, P. 1-41202
- Stanchits, S.A. *see* Strakovskaya, S.E. 1-30547
- Stancil, D.D. Magnetostatic waves in nonuniform bias fields including exchange effects 1-12381
- Stancil, D.D., Morgenthaler, F.R. Magnetostatic surface modes in a thin film with nonuniform in-plane fields 1-12382
- Stanculescu, C., Bobulescu, R.C., Surmeian, A., Popescu, D., Popescu, I., Collins, C.B. Optical impedance spectroscopy 1-36677
- Standaert, D. Direct perturbations of the planets on the Moon's motion 1-13707
- Standage, M.C. *see* MacGillivray, W.R. 1-45894
- Standish, J.V., Leidheiser, H., Jr. The electrical properties of organic coatings on a local scale-relationship to corrosion 1-31722
- Standish, M., Jr. *see* Eichhorn, H. 1-40352
- Standler, N.S. *see* del Cerro, M. 1-9062
- Standler, R.B. Estimation of corona current beneath thunderclouds 1-13335
- Standley, C.L. *see* Fatula, J.J. 1-36644
- Staneik, M., Musiol, K., Labuz, S. Experimental determination of transition probabilities in BiI and BiII 1-51161
- Staneik, P., Pokluda, J. Damage micromechanisms of ductile fracture process. I 1-12855
- Staneik, P., Pokluda, J. Damage micromechanisms of ductile fracture process. II 1-47164
- Staneik, P. *see* Elfmak, J. 1-33299
- Stanescu, C.A. Applications of decorated lattices to solutions. I. Equilibrium polymerisation in a decorated lattice model 1-35529
- Stanescu, C.A. *see* Georgescu, L. 1-34214
- Stanescu, C.A. *see* Petrea, I.C. 1-34968
- Staney, N. *see* Apostolov, A. 1-42744
- Stanev Todor *see* Todor Stanev
- Stanfield, P.R., Ashcroft, F.M., Plant, T.D. Gating of a muscle K⁺ channel and its dependence on the permeating ion species 1-43859
- Stanford, G.S. *see* Simms, R. 1-5905
- Stanford, J.L. Global brightness temperature spectra at high wavenumbers utilizing satellite microwave measurements 1-17668
- Stang, P.D. *see* Leventhal, M. 1-9726
- Stanga, R. *see* Amendolia, S.R. 1-18960, 1-18961
- Stange, H.W., Hassner, A. Fissure detection on up-graded metallic surfaces 1-48603
- Stange, L. Special applications of the short-arc method in satellite geodesy 1-17552
- Staniforth, J.A. *see* Ball, E. 1-24324
- Staninets, V.I. *see* Volovsk, S.V. 1-39626
- Stanisic, G., Popovic, Z., Petrovic, V., Ristic, M.M. The sintering of cadmium sulphide 1-16749
- Stanislavskii, M.P. *see* Bessonova, T.S. 1-3463
- Stanislavskaya, S.M. *see* Tsidelko, V.D. 1-18211
- Stankev, E.A. *see* Kormer, S.B. 1-46327
- Stankovich, I.V., Tomlin, O.B. Influence of terminal groups of the π -electron spectra of macromolecules 1-33582
- Stankov, B.B. *see* Lenschow, D.H. 1-27226
- Stankov, K.A. *see* Dinev, S.G. 1-24435
- Stankowski, J., Malinowski, W. The lamellar model of ferroelectric TGS-like crystals as an adequate description of their thermal expansion and other properties 1-38557
- Stankowski, W. *see* May, R.W. 1-35979
- Stanley, C.F., Powell, W.R. An analysis of pulmonary phase angle during inflation and deflation of excised lungs 1-17444
- Stanley, D.P. *see* Mateja, J.F. 1-33268
- Stanley, E. Use of diffraction gratings in geometric optics demonstrations 1-40613
- Stanley, H.E., Teixeira, J. Interpretation of the unusual behavior of H₂O and D₂O at low temperatures: tests of a percolation model 1-7065
- Stanley, H.E., Teixeira, J. Are concepts of percolation and gelation of possible relevance to the behaviour of water at very low temperatures? 1-38241
- Stanley, H.E. *see* Bosio, L. 1-53014
- Stanley, H.E. *see* Nakanishi, H. 1-9942, 1-44851
- Stanley, J.H. *see* Smith, V. 1-22125
- Stanley, P., Day, B.V. Stresses at offset-oblique holes in thick-walled cylinders subjected to torsional loading 1-41946
- Stanley, R.P. The character generator of SU(n) 1-450
- Stanley-Wood, N.G. *see* Llewellyn, G. 1-24905
- Stannard, D.M., Baker, A.J. The inter-relationship of microstructures and mechanical properties in high manganese steels 1-31576
- Stannard, F.R. *see* Allasia, D. 1-23495
- Stanners, D.A. *see* Aston, S.R. 1-43834
- Stannett, V., Haider, M., Koros, W.J., Hopfenberg, H.B. Sorption and transport of water vapor in glassy poly(acrylonitrile) 1-52425
- Stannett, V.T. *see* Ensore, D.J. 1-30568
- Stanovnik, A., Kernel, G., Tanner, N.W., Bresnani, T., Chiavassa, E., Costa, S., Dellacasa, G., Gallio, M., Musso, A., Panighini, M., Bos, K., Frame, D., Michaels, E.G., van Doesburg, W., Davies, J.D. Operation and performance of a system for π p and π d backward scattering 1-23950
- Stansberg, E.G. *see* Bering, E.A. 1-17731
- Stansfield, J.W. Application of resonant elements in digital pressure and density transducers 1-18216
- Stansfield, B.L. *see* Larsen, J.M. 1-34099
- Stansfield, R.F.D. *see* Clegg, G.A. 1-21981
- Stanton, J.P. *see* Evetts, J.E. 1-47774
- Stanton, N.R. *see* Dankowych, J.A. 1-50460
- Stanton, N.R. *see* Ushida, N. 1-546
- Stanton, R. *see* Millis, R.L. 1-54408
- Stanton, T.K. Noise-equivalent pressure of a single-fiber interferometric acoustic sensor 1-37740
- Stanzel, R. *see* Scaltriti, F. 1-40372
- Stanzl, S., Tschegg, E. Influence of environment on fatigue crack growth in the threshold region 1-26578
- Stanzl, S. *see* Tschegg, E. 1-26579
- Stanzl, S.E. High frequency fatigue crack growth and threshold behavior in monocrystalline copper 1-3915
- Stapelbroek, M. *see* Evans, B.D. 1-3428
- Stapelbroek, M. *see* Griscorn, D.L. 1-31019
- Stapele, R.P. *see* van Stapele, R.P.
- Stapfer, G., Lockwood, A. Advanced thermoelectric material development at JPL 1-53635
- Stapinski, T. *see* Leja, E. 1-48218
- Staples, E.J. *see* Neurgaonkar, R.R. 1-26379
- Stapleton, H.J., Allen, J.P., Flynn, C.P., Stinson, D.G., Kurtz, S.R. Fractal form of proteins 1-17344
- Stapleton, H.J. *see* Fish, G.E. 1-38979
- Stapleton, H.J. *see* Kurtz, S.R. 1-16481
- Stapp, H.P. Locality and reality 1-18059
- Stappaerts, H. *see* Vervoot, A. 1-14189
- Starace, A.F. Trends in the theory of atomic photoionization 1-28932
- Starichenko, E.I. *see* Zemtsova, N.D. 1-12746
- Starichenko, S.V. *see* Kozlov, E.V. 1-47235
- Stari, F. *see* Berzin', Ya.Ya. 1-45453
- Starigazda, J. *see* Olcák, D. 1-15811
- Starik, A.M. *see* Britan, A.B. 1-37989
- Starik, A.M. *see* Levin, V.A. 1-51843
- Starik, P.M. *see* Gorlie, P.N. 1-7621
- Starik, P.M. *see* Luchitskii, R.M. 1-21214
- Starikov, A.D. *see* Alekseev, V.N. 1-51489, 1-51538
- Starikov, E. *see* Matulionis, V. 1-20758
- Starikov, M.A. *see* Zhdanov, K.R. 1-5315
- Starikova, Z.A. *see* Polyakova, I.N. 1-30219, 1-30220
- Stariznyi, E.S., Markina, M.A., Cherkashin, V.A. Fission products as γ -ray sources 1-23926
- Stariznyi, E.S. *see* Medvedevskii, L.I. 1-28526
- Stark, A.A. *see* Boulanger, F. 1-36402
- Stark, A.A. *see* Linke, R.A. 1-49790
- Stark, D., Wohl, H. On the solar rotation elements as determined from sunspot observations 1-36244
- Stark, H., Woods, J.W. Polar sampling theorems and their application to computer-aided tomography 1-51393
- Stark, H., Woods, J.W., Paul, I., Hingorani, R. Image reconstruction in computer-aided tomography by direct Fourier methods 1-32246
- Stark, H. *see* Kim, J.I. 1-26791
- Stark, H. *see* Sarna, C.S. 1-54299
- Stark, J.P. Thermodynamic evolution during diffusion 1-25489

- Stark, J.P. An approximate analytical demonstration of the famous Darken experiment 1-25510
- Stark, L., Kenyon, R.V., Krishnan, V.V., Cluffreda, K.J. Disparity vergence: a proposed name for a dominant component of binocular vergence eye movements 1-35771
- Stark, L. see Kenyon, R.V. 1-8859, 1-35767, 1-35769
- Stark, R.E. see Tallal, P. 1-46635
- Stark, S.J. see Sherwood, G.G. 1-14665
- Stark, W. see Brehmer, L. 1-7764
- Starke, E.A., Jr. see Chakraborty, S.B. 1-21531, 1-39457
- Starke, E.A., Jr. see Lin, F.-S. 1-12856
- Starke, L. A simple test rig to determine the creep modulus of plastic materials 1-39563
- Starke, M. see Kurik, M.V. 1-21225
- Starke, T.P. High frequency Faraday cup array 1-23922
- Starke, T.P. see Cornet, E. 1-46920
- Starker, P., Wohlfahrt, H., Macherauch, E. The influence of stress amplitudes on the initiation of fatigue cracks in hardened and shot-peened bending specimens of steel Ck45 1-43473
- Starkov, F.A. see Aleksan'yan, T.M. 1-36187
- Starkovich, V.S., Bird, P.F., Dailman, J.C., Strong, R.D. Ultrasonic liquid film thickness measurements 1-50102
- Starkweather, H.W., Jr. see Ikeda, R.M. 1-39567
- Starling, J.E. see Boord, W.T. 1-37571
- Starmer, C. The Voyager project 1-40306
- Starobin, I.M. see Utkin, A.V. 1-15546
- Starobinets, A.A. see Litvinov, E.A. 1-25836
- Starobinski, A.A. Can the effective gravitational constant become negative? 1-54368
- Starobogatov, I.O. see Onokhov, A.P. 1-346
- Starodub, A.N. see Silin, V.P. 1-34080
- Starodubov, Yu.D. see Gindin, I.A. 1-31527
- Starodubtsev, A.I. see Bagratashvili, V.N. 1-6329
- Starodubtsev, A.V. Studying evolution of ozone field under influence of dynamic factors within framework of forecasting system 1-44241
- Starodubtsev, G.P. see Valitov, R.A. 1-11035
- Starodubtsev, L.V. see Pokhodnya, I.K. 1-40889
- Starodubtsev, Yu.N., Druzhinin, V.V., Dragoshanskii, Yu.N. Magnetic losses as a function of induction amplitude in anisotropic electrical steel 1-7883
- Starodubtsev, Yu.N. see Lykov, E.L. 1-52772
- Staronka, A., Golas, W. Wettability of solid CaO-MgO-SiO₂ and Al₂O₃-SiO₂-CaO oxides by liquid steel 1-42608
- Starostenko, V.I. see Kozlenko, V.G. 1-22183
- Starostenko, V.I. see Oganeyan, S.M. 1-9277
- Starostin, A.N. see Aleksandrov, N.A. 1-24947
- Starostin, A.N. see Aleksandrov, N.I. 1-38083
- Starostin, A.N. see Baizade, K.V. 1-2138
- Starostin, A.N. see Bol'shov, L.A. 1-29341
- Starostin, A.N. see Dem'yanov, A.V. 1-42248
- Starostin, A.N. see Dykhne, A.M. 1-11487, 1-24913
- Starostin, A.N. see Zhdanov, S.A. 1-46303
- Starostin, I.A. see Vorontsova, M.M. 1-21249
- Starostin, J. see Smokin, V. 1-8240
- Starostin, N.V., Shepilov, M.P. Bielelectron light absorption in semiconductors 1-16541
- Starostin, N.V. see Gerasyuk, A.K. 1-34652
- Starostin, V.S. Bethe-Salpeter formalism in the field of a plane electromagnetic wave 1-50331
- Starostin, Yu.P. see Kostrov, V.I. 1-21672
- Starostin, Yu.V., Smokin, V.I., Raev, V.K. Magnetic and structural characteristics of epitaxial films of (SmLuCa)₂(FeSi)₂O₁₂ on calcium-germanium-gallium garnet 1-42988
- Starostin, Yu.V. see Kim, P.D. 1-3226
- Starostina, G.A. see Kolobkov, V.P. 1-16607
- Starov, V.M. Kinetics of adsorption of an impurity from a liquid flow by a spherical particle 1-48727
- Starov, V.M. see Martynov, G.A. 1-53463
- Starovitoev, V.A. see Vislovich, A.N. 1-19826
- Starr, A. see Pratt, H. 1-17411
- Starr, C. Supply of uranium and enrichment services 1-41172
- Starr, C., Whipple, C. Risks of risk decisions 1-5076
- Starr, C.D. see Wang, T.P. 1-47618
- Starr, J.W. see Dick, R.S., Jr. 1-48888
- Starfield, S. Hydrodynamic studies of the nova outburst 1-49685
- Starfield, S., Truran, J.W., Sparks, W.M. A model for dwarf novae as progenitors of Type I supernovae 1-49695
- Starfield, S.G., Cox, A.N., Hodson, S.W. A new instability strip for hot degenerates 1-49659
- Starfield, S.G. see Cox, A.N. 1-27506
- Starritt, H.C. see Duck, F.A. 1-26978
- Startsev, V.E., Dyakina, V.P., Cherepanov, V.I., Volkenshtein, N.V., Nasyrov, R.S., Manakov, V.G. On the quadratic low-temperature contribution to the electric resistance of tungsten single crystals. The role of surface electron scattering 1-12094
- Startsev, V.I. Low temperature creep of metals 1-43407
- Startsev, V.I., Demirski, V.V., Komnik, S.N. Work hardening and twinning in single crystals of copper and α -phase Cu-Al solid solutions at temperatures 4.2 to 300K 1-31489
- Startsev, V.I., Kovaleva, V.N., Moskalenko, V.A. Development of slip bands in single crystals of titanium and its alloys at 4.2-423K 1-15898
- Startsev, V.I. see Hamersky, M. 1-43412
- Startsev, V.I. see Lubenets, S.V. 1-35322
- Startsev, V.I. see Moskalenko, V.A. 1-43421
- Startsev, V.I. see Natsik, V.D. 1-15947
- Startsev, V.I. see Navratil, V. 1-53241
- Startsev, V.I. see Novikova, I.G. 1-34351
- Startsev, V.I. see Stulikova, I. 1-21526
- Startseva, I.E., Shulika, V.V., Dmitrieva, N.V., Lukshina, V.A. Induced magnetic anisotropy produced in iron-silicon alloys with the aid of a thermomagnetic treatment 1-3170
- Starush, I.G. see Badinter, E.Ya. 1-44899
- Starushko, A.V. see Farnakovskii, B.V. 1-47608
- Stary, J., Kratzer, K. Theory of the cumulation of mercury species in fish 1-8594
- Starykh, V.V., Wilhelm, J.W., Winkler, R. Kinetics of the electron component in the turbulent electron-beam discharge plasma in diatomic gases and comparison of some macroscopic properties between the plasmas of the beam and the glow discharge 1-2145
- Starykh, V.V. see Winkler, R. 1-24943
- Starzav, A.V. see Davidov, V.A. 1-1023
- Starzyk, P.M. see Keil, K. 1-32666
- Stas, V.F., Smirnov, L.S. Radiation enhanced P-diffusion in germanium 1-11915
- Stasek, G. see Fischer, F. 1-36094
- Stasel'ko, D.I. see Bayanov, V.I. 1-37441
- Staselko, D.I. see Dukhovnyi, A.M. 1-6592
- Staselko, D.I. see Maier, B.O. 1-29233
- Stasenok, A.L. see Blagoslono, V.I. 1-15510
- Stasenok, I.V. Stresses in thick-walled curvilinear tubes 1-29531
- Stasevich, L.A. see Vasiliev, L.L. 1-46658
- Stashchuk, V.S. see Gorbun, N.Ya. 1-21240
- Stashkevich, A.A. Acoustooptic diffraction at anomalously high values of Q 1-35011
- Stashonok, V.D. see Biktimirov, R.S. 1-28102
- Stasiak, M., Jeszka, J.K., Zielinski, M., Plans, J., Kryszewski, M. Thickness dependent TSC peak in poly(N-vinylcarbazole) 1-12449
- Stasinska, G., Allouin, D., Collin-Sourfrin, S., Joly, M. Abundance determinations in H II regions: a critical analysis of two empirical methods 1-40354
- Stas'kov, N.I., Golovachev, V.I., Gusev, S.S., Filipov, V.V. Determination of the optical constants of polystyrene films from ATR measurements 1-53008
- Staskov, N.I. see Gusev, S.S. 1-44989
- Stassen, H.H. Computerized recognition of persons by EEG spectral patterns 1-4374
- Stassiss, C., Loong, C.-K., Zarestky, J., McMaster, O.D., Nicklow, R.M. Phonon anomalies in mixed valent CeSn₃ 1-38481
- Stassiss, C., Zarestky, J., Loong, C.-K., McMaster, O.D., Nicklow, R.M. Lattice dynamics of LaSn₃ 1-52244
- Stassiss, C. see Khataian, D. 1-38333
- Stastna, J. see Vodak, F. 1-35496
- Stasyuk, S.Z. see Saenko, M.I. 1-39449
- Statham, P.J., Jones, M. Elemental mapping using digital storage and colour display 1-23399
- Stather, J.W. see Purrott, R.J. 1-13291
- Stathers, P.A. see Snowden, K.U. 1-43443
- Stathis, J.H., Boief, D.I. Elastic constants of tungsten between 4.2 and 77K 1-7229
- Stathis, T.C. Community noise levels in Patras, Greece 1-46625
- Statiss, Ya. see Beregi, E. 1-7829
- Statler, R.L., Walker, D.H., Faraday, B.J. Performance of the solar cell experiment on the NTS-2 satellite 1-39799
- Statsenko, V.E. see Borisenko, V.A. 1-12824
- Statsenko, V.E. see Krashchenko, V.P. 1-31789
- Statt, B.W., Berlinsky, A.J. Theory of spin relaxation and recombination in spin-polarized atomic hydrogen 1-29070
- Statt, B.W., Hardy, W.N. Line broadening mechanisms of the ortho-H₂ pair spectrum 1-3540
- Statt, B.W., Hardy, W.N., Jochemsen, R. Observation of new lines in the microwave spectrum of ortho-H₂ pairs in solid hydrogen 1-3539
- Statt, B.W. see Hardy, W.N. 1-1151
- Statt, B.W. see Jochemsen, R. 1-3541
- Statton, W.O. see McKenna, G.B. 1-26478
- Statz, H. see Dorschner, T.A. 1-29317
- Staub, F.W. Steady-state and transient gas-solids flow characteristics in vertical transport lines 1-19787
- Staub, N.C. see Bhattacharya, J. 1-49050
- Staubert, R., Kendziora, E., Pietsch, W., Reppin, C., Trumper, J., Voges, W. Hard X-ray pulses from 4U 0900-40 1-9724
- Staubert, R. see Pietsch, W. 1-54661
- Staupe, A. see Deiters, K. 1-51044
- Staupe, A. see Hanna, D. 1-41015
- Staupe, A. see Irion, J. 1-50475
- Staudenmaier, G., Staib, P., Poschenrieder, W. Determination of ion temperatures in the edge plasma from ion flux transmission of apertures 1-24939
- Staudenmaier, G. see Poschenrieder, W. 1-29921
- Staudenmaier, G. see Wittmaack, K. 1-25302
- Staudenmayer, B. see Blattmann, K.H. 1-6348
- Staudenmeier, G. see Niedermeyer, H. 1-25040
- Staudhammer, K.P., Murr, L.E. The effect of prior deformation on the residual microstructure of explosively deformed stainless steels 1-8384
- Staudigel, H., Hart, S.R., Richardson, S.H. Alteration of the oceanic crust: processes and timing 1-54024
- Staudigel, H. see Richardson, S.H. 1-44148
- Staudt, G. see Strohmaier, B. 1-18649
- Staudte, B. Determination of chemical shift tensors from NMR powder spectra by means of a map of spectra 1-43026
- Stauffer, D. Monte-Carlo simulation of Ising droplets in correlated site-bond percolation 1-44855
- Stauffer, D. see Eschbach, P.D. 1-32934
- Stauffer, D. see Heermann, D.W. 1-32939
- Stauffer, J.R. Observations of pre-main-sequence stars in the Pleiades 1-9590
- Stauffer, R.E. Molybdenum blue applied to arsenic and phosphorus determinations in fluoride- and silica-rich geothermal waters 1-54259
- Staun Olsen, J. see Buras, B. 1-23964
- Staunton, J., Gyorffy, B.L., Weinberger, P. On the electronic structure of random metallic alloys containing heavy elements: a relativistic theory 1-25611
- Staunton, L.P., van Dam, H. Graphical introduction to the special theory of relativity 1-9796
- Staupendahl, G. see Schindler, K. 1-33709
- Stauss, G.H., Krebs, J.J. GaAs:Cr³⁺(3d³)—an orthorhombic Jahn-Teller center with a stress-dependent recombination rate 1-7940
- Stauss, G.H., Krebs, J.J., Lee, S.H., Swiggard, E.M. New EPR data and photoinduced changes in GaAs:Cr. Reinterpretation of the 'second-acceptor' state as Cr³⁺ 1-12393
- Staveley, L.A.K. see Albuquerque, G.M.N. 1-18241
- Staveley, L.A.K. see Callanan, J.E. 1-2651, 1-2652, 1-47251, 1-47252
- Staveley, L.A.K. see Jewess, M. 1-11878
- Stavi, R. see Kaplan, E. 1-36476
- Stavinskaya, N.V. see Dryapochko, Yu.V. 1-31815
- Stavinskii, A.V. see Bayukov, Yu.D. 1-36933
- Stavinsky, V.S. see Matveeva, E.N. 1-28806
- Stavola, M., Mourou, G., Knox, W. Picosecond time delay fluorimetry using a jitter-free streak camera 1-8635
- Stavola, M., Secats, M.G., Mourou, G. Picosecond switching of a multi-kilovolt DC bias with laser activated silicon at low temperature 1-12141
- Stavrinidis, B. Fracture and flow in glass 1-8402
- Stavrov, K.G. see Klekovkin, V.A. 1-27264
- Stavrov, S.G. see Bersuker, I.B. 1-37354
- Stavrova, L.L. see Larionov, O.I. 1-27296
- Stavroskii, D.B. see Zuev, V.S. 1-33499
- Stavskaya, O.N. see Koshelev, V.B. 1-22042
- Stavsky, Y. see Ari-Gur, J. 1-17992
- Stavsky, Y. see Greenberg, J.B. 1-6807
- Stead, K., Williams, J.M. Prediction of phase equilibria using the Redlich-Kwong equation of state 1-20352
- Steadman, S.G. see Levine, R.D. 1-18594
- Stearns, C.A. see Smith, S.R. 1-3982
- Stearns, J.W. see Schlachter, A.S. 1-19180
- Stearns, J.W. see Schneider, P.J. 1-42322
- Stearns, M.E. Role of the microtubular lattice in axoplasmic transport 1-35761
- Stearns, R.D. see Chartier, V.I. 1-37697, 1-38165
- Steba, A.N. see Zhmudskii, A.Z. 1-1632
- Stebakov, V.M. see Vendik, I.B. 1-52574
- Stebbins, R.F. see Dunning, F.B. 1-28891
- Stebbins, R.F. see Kellert, F.G. 1-51282
- Stebbins, R.T., Hill, H.A., Zanoni, R., Davis, R.E. Observational tests of pulsation theory in the solar envelope 1-27475
- Steblovskii, A.V. see Alkhanyan, A.S. 1-38041
- Stechel, E.B. see Davis, M.J. 1-14036
- Stechel, E.B. see Heller, E.J. 1-37169
- Stecher, T.P. see Smith, A.M. 1-44497
- Stechkina, I.B. Drag of porous cylinders in a viscous fluid at low Reynolds numbers 1-19796
- Stechko, G. see Kustov, E.F. 1-38317
- Steckelmacher, W. Comments on a 'New method for sticking probability and coverage determination on crystal surfaces' 1-2829
- Steckelmacher, W. see Lucas, M.W. 1-24223
- Stecker, F.W. Have massive cosmological neutrinos already been detected? 1-17916
- Stecker, F.W. see Olive, K.A. 1-44685
- Stecker, F.W. see Senjanovic, G. 1-14299
- Stecki, J., Kloczkowski, A. On the stability of the isotropic phase towards nematic and smectic A formation 1-42295
- Stecki, J., Poniewierski, A. Application of the statistical theory of elastic constants of nematics to spherocylindrical molecules with attractive forces 1-38266
- Stecki, J. see Kalinowska, B. 1-23241
- Stecki, A.J., Mohammed, G. The effect of ambient atmosphere in the annealing of indium-tin oxide films 1-2850
- Stecki, A.J. see Chow, T.P. 1-8445, 1-43553

- Steckler, M.S., Watts, A.B. The Gulf of Lion: subsidence of a young continental margin 1-9135
- Steckler, M.S. *see* Watts, A.B. 1-27117
- Steckmeyer, J.C. *see* Bizard, G. 1-5784
- Stecura, S. Effects of yttrium, aluminum and chromium concentrations in bond coatings on the performance of zirconia-yttria thermal barriers 1-31632
- Stedinger, J.R. Fitting log normal distributions to hydrologic data 1-17634
- Stedman, D.H. *see* Kelly, T.J. 1-40174
- Stedman, D.H. *see* Lenschow, D.H. 1-27226
- Stedman, G.E. Observability of static electromagnetic angular momentum 1-23028
- Stedman, G.E., Butler, P.H. Time reversal symmetry in applications of point group theory 1-448
- Stedry, M. *see* Hall, W.S. 1-32852
- Steeb, S. *see* Bek, R. 1-52050, 1-52232
- Steeb, S. *see* Hermann, G. 1-7073, 1-7074
- Steeb, S. *see* Lamparter, P. 1-52079
- Steeb, S. *see* Martin, W. 1-25151, 1-25152, 1-25153, 1-25351
- Steeb, S. *see* Nold, E. 1-25177
- Steed, J.M. *see* Miller, C. 1-22443
- Steeden, M.F. *see* Fulmer, C.B. 1-50617
- Steebs, J.W. *see* Bolton, C. 1-35394
- Steebs, J.W. *see* Fung, K.K. 1-30380
- Steebs, J.W. *see* Roberts, S.H. 1-26282
- Steeg, M.J.H. *see* van de Steeg, M.J.H.
- Steeger, G.H. Some improvements in the measurement of neuroelectric signals with variable latency 1-44040
- Steel, C. *see* Rennert, A.R. 1-41414
- Steel, E.B. Optical microscopy of particles 1-5282
- Steel, K.P., Bock, G.R. The nature of inherited deafness in deafness mice 1-13259
- Steele, B.C.H. *see* Burkin, A.R. 1-26416
- Steele, B.C.H. *see* Cheung, K.Y. 1-31440, 1-34511
- Steele, C.R. *see* Kino, G.S. 1-48594
- Steele, G.H. *see* Brownjohn, J.M.W. 1-37861
- Steele, I.M. *see* Hervig, R.L. 1-44143
- Steele, J.H., Jr. Application of extreme value methods for characterising inclusion populations 1-43632
- Steele, J.L. *see* Blackwell, D.D. 1-9129
- Steele, W.A. Isopotential surfaces and the corrugated wall model for gas-solid interactions 1-3559
- Steele, W.A. *see* Roland, C.M. 1-28980, 1-28981
- Steele, W.F. *see* Burrell, C.F. 1-23315
- Steen, F. *see* Van Steen, F.
- Steen, P. *see* Johansson, T.B. 1-39709
- Steen, P.G. *see* Mandell, M.J. 1-35651
- Steenbergen, A. *see* van Steenbergen, A.
- Steeneken, H.J.M. *see* Houtgast, T. 1-1777
- Steeneken, H.J.M. *see* Plompt, R. 1-1778
- Steenstrup, S., Munk, O. Optical function of the convexifovea fovea with particular regard to notostidial deep-sea teleosts 1-4264
- Steer, B. *see* Fraser, G.W. 1-51048
- Steer, R.P. *see* Clouthier, D.J. 1-14864
- Steer, R.P. *see* Kapur, A. 1-41361
- Steer, R.P. *see* Safarizadeh-Amiri, A. 1-29099
- Steertegem, G. *see* Van Steertegem, G.
- Steeht, W.B. *see* Tildesley, D.J. 1-11655
- Stefan, B. *see* Denisenko, E.T. 1-39384
- Stefan, M. *see* Foldeaki, M. 1-52809
- Stefan, O. *see* Janda, M. 1-31357
- Stefan, P.M. *see* Johansson, L.I. 1-3571, 1-42688
- Stefanacci, S.R. *see* Ronchi, L.R. 1-53791
- Stefanakis, E. *see* McPherson, J.W. 1-34650
- Stefanakis, E.K. *see* Abul-Fadi, A. 1-35191
- Stefancic, V. *see* Doukas, A.G. 1-53498
- Stefanescu, F. *see* Varodin, V. 1-40077
- Stefanescu, F. *see* Puscasu, S. 1-32991
- Stefani, G. *see* Giardini-Guidoni, A. 1-41494
- Stefanidis, T. *see* Nord, A.G. 1-2409
- Stefanini, A. *see* Amendola, S.R. 1-18959, 1-18960, 1-18961
- Stefanini, G. *see* Iacopini, E. 1-40955
- Stefano, G. *see* Di Stefano, G.
- Stefano, S. *see* De Stefano, S.
- Stefanov, B. Generalization of thermal conductivity and viscosity data for monatomic alkali metal vapours 1-19855
- Stefanov, B. Electron momentum transfer cross-section in cesium and related calculations of the local parameters of Cs + Ar MHD plasmas 1-46858
- Stefanov, B. *see* Gerasimov, N. 1-6917
- Stefanov, M.E. *see* Gelerinter, E. 1-15794
- Stefanov, S.D. *see* Pandev, I.N. 1-27047
- Stefanov, V.I. *see* Nenchev, M.N. 1-41684
- Stefanora, M., Pramatarov, P., Pacheva, V., Csilag, L. He-Kr laser with transverse hollow cathode discharge 1-24394
- Stefanovic, D.C., Petrovic, V., Ristic, M.M. Contribution to electronic theory of consolidation process 1-53126
- Stefanovich, A.E. *see* Vaisberg, O.L. 1-9340
- Stefanovich, A.V. *see* Savchenko, M.A. 1-3184, 1-12238
- Stefanovich, S.Yu., Malhasyan, S.S., Venevsev, Yu.N. Photovoltaic properties and photoconductivity of $A_2B_2O_3$ ferroelectrics 1-20798
- Stefanovich, S.Yu. *see* Demina, L.A. 1-53063
- Stefanovich, S.Yu. *see* Lazoryak, B.I. 1-20167
- Stefanovich, V.A., Voroshilov, Yu.V., Potori, M.V., Roman, I.Yu., Gerasimenko, V.S., Slivka, V.Yu. Vibrational spectra and crystal structure of $Ti_3AsS_4(Se_4)$ and $Ti_3PS_4(Se_4)$ 1-2406
- Stefanovskii, E.P. *see* Soboleva, T.K. 1-3208, 1-3268, 1-20988
- Stefanovsky, A. *see* Orlinskii, D.V. 1-19964
- Stefanski, K. *see* Dembinski, S.T. 1-15169
- Stefanski, K. *see* Dygdala, R.S. 1-28988
- Stefanski, R. *see* Heguy, S.M. 1-50433
- Stefanskii, M.S., Shpykay, M.G., Isaeva, I.E. Design of anisotropic-apochromat 1-24472
- Stefanutti, L., Pantani, L. Lidar visibility measurements in Italy 1-4618
- Steffe, G. *see* Tomassetti, G. 1-22394
- Steffen, B., Hosemann, R. Structure and packing density of liquid metals 1-7062
- Steffen, B. *see* Fuchs, G. 1-24991
- Steffen, P. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Steffen, P. *see* Olsson, J. 1-14769
- Steffen, P. *see* O'Neill, L.H., Jr. 1-50443
- Steffen, P. *see* Reich, W. 1-36190
- Steffen, R.J., Kurasch, D.H., Hardin, R.T., Schmitt, P.F. Equipment designs for the spent LWR fuel dry storage demonstration 1-3819
- Steffen, R.M. *see* Wohlfahrt, H.D. 1-41048
- Steffens, E. *see* Moroz, Z. 1-45765
- Steffens, E. *see* Tungate, G. 1-33256
- Steffens, H.D. *see* Fischer, W.R. 1-35469
- Steffens, H.-D., Hohle, H.-M., Erturk, E. Low pressure plasma spraying of reactive materials 1-21343
- Steffes, V. *see* Cornea, I. 1-27089
- Stega, M. *see* Ruchkin, D.S. 1-4254
- Stegailov, V.I. *see* Adam, I. 1-636
- Stegawski, M.A., Jachowicz, R.S. Dew point hygrometer with microprocessor based control and computation system 1-40799
- Stegeman, G.I., Maradudin, A.A., Rahman, T.S. Refraction of a surface polarization by an interface 1-52633
- Stegeman, G.I. *see* Fukui, M. 1-3036, 1-39173
- Stegeman, G.I. *see* Goruk, W.S. 1-24639
- Stegemann, D., Valero, M. Loads on structures inside reactor pressure vessels due for LOCA-decompression-waves 1-18774
- Stegemeyer, H. Helical pitch change at the phase transition blue phase to cholesteric 1-16029
- Stegemeyer, H. *see* Kuczyński, W. 1-2317
- Stegena, L. *see* Schlater, J.G. 1-22268
- Steglich, F. *see* Aarts, J. 1-34898
- Steglich, F. *see* Lasser, R. 1-48231
- Steglich, F. *see* Loewenhaupt, M. 1-25891
- Steglich, F. *see* Schlabitz, W. 1-47849
- Stegmann, R., Nurdinov, N.R., Yunovich, A.E., Oelgart, G. Photoluminescence of $GaAs_{1-x}P_x$ with $0.67 \leq x \leq 1$ at various excitation levels and N doping 1-26266
- Stehl, R.H. *see* Bumb, R.R. 1-53426
- Stehl, R.H. *see* Nestrick, T.J. 1-39701
- Stehle, H. *see* Assmann, H. 1-14638
- Stehle, H. *see* Boese, F.K. 1-53657
- Stehli, F.G. *see* Donath, F.A. (editor) 1-9790
- Stehlik, D. *see* Furrer, R. 1-7934
- Stehman, R.M. *see* Clodius, W.B. 1-37282
- Stehr, J. *see* Berg, B. 1-10075
- Steidl, G. *see* Wedler, G. 1-25571
- Steidl, H., Mikenda, W., Derkosch, J., Heresch, F. Photochemical decomposition of gaseous carbon disulphide by interference effect of gas lasers 1-21741
- Steidle, N. *see* Fischer, E.W. 1-52040
- Steidler, F. *see* Ebner, H. 1-4411
- Steier, W.H. Unstable resonators 1-11028
- Steier, W.H., Stephens, W.E., Morris, R. Hybrid optical-digital realization of the nonlinear filter 1-24363
- Steiger, R., Hediger, H., Junod, P., Kuhn, H., Mobius, D. Studies on the mechanisms of spectral sensitization of silver halides 1-17082
- Steiger, Th. *see* Reich, P. 1-33456
- Steigman, G. *see* Ellis, J. 1-44681
- Steigman, G. *see* Schramm, D.N. 1-54669
- Steigman, K.B. *see* Barker, D.R. 1-32283
- Steil, H. *see* Herms, G. 1-30092
- Steimle, T.C., Brown, J.M., Curl, R.F., Jr. Microwave optical double resonance of NH_2 . VI. Ground state of NHD 1-6293
- Stein, A. *see* Bina, M. 1-13223
- Stein, A.J. *see* Appel, A. 1-1513
- Stein, B.E., Clamann, H.P., Goldberg, S.J. Superior colliculus: control of eye movements in neonatal kittens 1-53785
- Stein, B.F. *see* Josephs, R.M. 1-7920
- Stein, D.L. *see* Licciardello, D.C. 1-47575
- Stein, D.L. *see* Rosenbaum, T.F. 1-40619
- Stein, E. Variational functionals in the geometrical nonlinear theory of thin shells and finite-element discretizations with applications to stability problems 1-6779
- Stein, G. *see* Muench, E. 1-18750
- Stein, G. *see* Patermann, C. 1-10506
- Stein, G.D. *see* Sang Soo Kim 1-42527
- Stein, H. *see* Heidberg, J. 1-20574
- Stein, H.J., Peercy, P.S. Bombardment-produced disorder and SiH bonds in crystalline and amorphous silicon 1-34379
- Stein, J., Krey, U. On the size-dependence of the electrical conductivity for strongly disordered two-dimensional systems 1-42736
- Stein, N. *see* Ardouin, D. 1-14543
- Stein, N. *see* Drake, D.M. 1-23672
- Stein, P. *see* Drews, G. 1-10229
- Stein, P. *see* Walburn, F. 1-49058
- Stein, P.C. *see* Bebek, C. 1-33191
- Stein, P.C. *see* Chadwick, K. 1-33192
- Stein, P.D., Sabbah, H.N. Hemorheology of turbulence 1-53797
- Stein, P.D., Walburn, F.J., Blick, E.F. Damping effect of distensible tubes on turbulent flow: implications in the cardiovascular system 1-39952
- Stein, P.D. *see* Walburn, F.J. 1-39951, 1-53796
- Stein, R.J. *see* Broussard, P.H. 1-36724
- Stein, R.P., Baker, L., Gunther, W.H., Cook, C. Heat transfer internally-heated molten UO_2 pools 1-5871
- Stein, R.S. *see* Cambrola, R.J. 1-3810
- Stein, R.S. *see* Roche, E.J. 1-2344, 1-2347
- Stein, R.S. *see* Wang, Y.K. 1-52250
- Stein, S.R. Space applications of superconductivity: resonators for high stability oscillators and other applications 1-17753
- Stein, T.S. *see* Dababneh, M.S. 1-15015
- Stein, V.B., Canelli, E., Richards, A.H. Determination of arsenic in potable, fresh and estuarine water by flameless atomic absorption 1-31923
- Stein, W. *see* Jones, B. 1-49752
- Stein, W.A. *see* Ladden, J.E. 1-54603
- Stein, W.L. *see* Beavers, W.I. 1-22775
- Steinbach, H., Sucker, C. Structures of association in surface films 1-53461
- Steinbach, K.-H. *see* Monig, H. 1-32206
- Steinberg, D., Chau, H., Dittbenner, G., Weinart, R. The electric gun: A new method for generating shock pressures in excess of 1 TPa 1-36676
- Steinberg, D. *see* Shearer, J.W. 1-33983
- Steinberg, D.J., Shearer, J.W. Fast opening switches carrying multimegampere currents and their application to high velocity shock waves in xenon 1-37969
- Steinberg, D.J. *see* Chau, H.H. 1-40768
- Steinberg, E.P. *see* Kaufman, S.B. 1-14508
- Steinberg, E.P. *see* Loveland, W. 1-41090
- Steinberg, E.P. *see* Winsberg, L. 1-14523
- Steinberg, I.Z. *see* Anglister, J. 1-45968
- Steinberg, I.Z. *see* Llinas, R. 1-53766, 1-53767
- Steinberg, J., Tyagi, S., Lord, A.E., Jr. Thermally induced acoustic emission in glasses 1-4030
- Steinberg, J., Tyagi, S., Lord, A.E., Jr. Effect of annealing on the thermal expansion of $Fe_{40}Ni_{40}P_{10}B_0$ and $Fe_{70}Ni_{30}P_{10}B_{10}Si_2$ 1-30428
- Steinberg, J. *see* Tyagi, S. 1-16069
- Steinberg, J.L. Satellite observations of solar radio bursts 1-4895
- Steinberg, J.L. *see* Bougeret, J.L. 1-4896
- Steinberg, J.L. *see* Lin, R.P. 1-4887
- Steinberg, M., Powell, J.R., Takahashi, H., Grand, P., Kouts, H.J.C. The linear accelerator fuel enricher regenerator (LAFER) and fission product transmutator (APEX) 1-5977
- Steinberg, M. *see* Dang, V.D. 1-4216
- Steinberg, M. *see* Fillo, J.A. 1-50944
- Steinberg, M. *see* Takahashi, H. 1-18847
- Steinberg, P.H. *see* Hanlon, J. 1-18464
- Steinberg, P.H. *see* Kitagaki, T. 1-18467
- Steinberg, V. Undamped second-sound waves in a 3He - 4He mixture heated from below 1-30515
- Steinberg, V., Sverbilova, T., Voronel, A. Investigation of the phase diagram for K-Cs alloy - new crystalline phases 1-39312
- Steinberg, V., Voronel, A., Linsky, D., Schindewolf, U. Metallic-nonmetallic phase coexistence above the consolute point of sodium-ammonia solution 1-7525
- Steinberg, V., Voronel, A., Sverbilova, T., Peretsman, L. Probable electronic transition in K_2Cs compound at low temperature 1-7676
- Steinberg, V. *see* Gitterman, M. 1-215, 1-19786
- Steinberg, V. *see* Shmueli, U. 1-38331
- Steinberg, V. *see* Shmueli, U. 1-2599
- Steinberger, I.T. *see* Laporte, P. 1-30642
- Steinberger, J. Selected topics in neutrino interactions 1-14369
- Steinberger, U. *see* Reineke, H.H. 1-5866
- Steinblatt, S. Determination of the anisotropy of optical fibers preforms 1-19462
- Steinborn, E.O., Filter, E. Evaluation of multicenter integrals over Slater-type atomic orbitals by expansion in terms of complete sets 1-1071
- Steinborn, E.O. *see* Filter, E. 1-28845
- Steinbrener, S. Second-harmonic generation and the type of multicenter point in ND_3Cl 1-34471
- Steinbruehl, C. The hard-spheroid model for gas-surface interactions 1-16639

- Steinbrüchel, C., Gruen, D.M. Matrix isolation spectra of metal atoms and ions: Ti, Zr, and Mo in Ar and Kr 1-41336
- Steiner, E. *see* Evseev, V.S. 1-50658
- Steiner, F. M-fitting (fitting according to the most frequent value) and its comparison with the method of least-squares 1-13589
- Steiner, J.E., Watson, M.G., McHardy, I.M., Pye, J.G. 4U 1849-31=V1223 Sagittarii 1-9735
- Steiner, J.E. *see* Chlebowski, T. 1-9736
- Steiner, M. Experimental studies of linear and nonlinear modes in 1-D-magnets 1-7822
- Steiner, M. *see* Kakurai, K. 1-7823
- Steiner, P., Hufner, S. Thermochemical analysis of Pd, Ag₂, alloys from XPS core-level binding energy shifts 1-48236
- Steiner, P., Hufner, S. Core level binding energy shifts in Ni on Au and Au on Ni overlayers 1-52104
- Steiner, P., Hufner, S., Martenson, N., Johansson, B. Core-level binding energy shifts in dilute alloys 1-43249
- Steiner, P. *see* Hochst, H. 1-48234
- Steinert, K.-G. Contributions to fixing the zero of the astronomical reference system by means of the Gonnordt Zeiss astrophotograph 1-22668
- Steinert, K.-G. *see* Asano, E. 1-27411
- Steinfeld, J.I. *see* Adler-Golden, S.M. 1-29005
- Steinfeld, J.I. *see* Coe, D.S. 1-29013
- Steinfeld, K. *see* Schiller, S. 1-12653
- Steinfink, H. *see* Cohen, S. 1-38351
- Steinfink, H. *see* Swinnee, J.S. 1-13970
- Steinhardt, P.J. Vacuum instability and refined limits on the Higgs meson mass 1-18415
- Steinhardt, P.J. Problems of quantization in the infinite momentum frame 1-23403
- Steinhardt, P.J. Baryons and baryonium in QCD, 1-23409
- Steinhauer, C. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Steinhauer, L.C. Plasma rotation in reversed-field theta pinches 1-51928
- Steinhauer, L.C., Shirazian, M.H., Bruzzone, C. High-temperature fusion blanket for a synthetic fuel plant 1-50946
- Steinhauer, L.C. *see* Milroy, R.D. 1-51976
- Steinhaus, H.G. *see* Gutlich, P. 1-3301
- Steinhaus, F., Schaffer, S., Lee, C.C., O'Connor, J.O., Wrenn, M.E. Effects of low-level α radiation on intracellular energy metabolism 1-22076
- Steinheuer, B. *see* Von Witsch, W. 1-10328
- Steinke, U. *see* Hennig, H.-P. 1-20395
- Steinitz, R., Eyni, M. Global properties of the solar wind. I. The invariance of the momentum flux density 1-44402
- Steinitz, R. *see* Eyni, M. 1-49468
- Steinke, R.G. Triangular geometry fluid dynamics with reduced artificial diffusion 1-10429
- Steinle, B. *see* Baltes, H.P. 1-41610
- Steinman, D.A. *see* Rensel, W.B. 1-23853
- Steinman, R. *see* Bodechtel, J. 1-4746
- Steinman, R.M. *see* Kowler, E. 1-39931
- Steinmann, O. Soliton quantization in gauge theories 1-5513
- Steinmann, W. *see* Leven, R. 1-11535
- Steinmann, W. *see* Saile, V. 1-3566
- Steinmetz, E., Lindenberg, H.-U. Non-metallic inclusions in ladle metallurgy, during casting and solidification 1-8291
- Steinmetz, J. *see* Malaman, B. 1-30137
- Steinmetz, L.L. *see* Richardson, J.H. 1-31865
- Steinmuller, B. The two-solarmeter method for insolation on inclined surfaces 1-10005
- Steinnes, O., Shen, Q., Hagen, K. Molecular structure and conformation of gaseous bromoacetyl chloride and bromoacetyl bromide as determined by electron diffraction 1-1404
- Steinolfson, R.S., Mullan, D.J. Magnetohydrodynamic shock propagation in the vicinity of a magnetic neutral sheet 1-49589
- Steinolfson, R.S. *see* Wu, S.T. 1-54434
- Steinort, E., Leschanz, A., Malin, G. Investigations on the inception and the discharge ranges of external partial discharges (corona) in air 1-15704
- Stejskal, A. *see* Petru, F. 1-40842
- Stejskalova, V., Hamersky, M., Lukac, P., Vostry, P., Sprusil, B. Discontinuous creep of Cd-Sn alloy 1-43415
- Steklov, O.I., Sorokin, V.N., Matokhin, G.V. Corrosion fatigue failure kinetics 1-31749
- Stekly, Z.J.J., Pillsbury, R.D., Jr., Punchard, W.F.B., Mushnick, S. The design of a tapered bore superconducting MHD magnet system 1-48872
- Stekly, Z.J.J. *see* Segal, H.R. 1-44952, 1-47827
- Stekol'nikov, N.V. *see* Ashvior, R.R. 1-36126
- Stekol'shchikov, V.V. *see* Agapov, N.N. 1-6063
- Stelbovics, A.T. *see* Afnan, I.R. 1-45539
- Stelbovics, A.T. *see* McCarthy, I.E. 1-24258
- Stell, G. *see* Ziff, R.M. 1-2342
- Stella, A. *see* Dekeyser, R. 1-38945
- Stella, A.L., Indekeu, J.O., Magnus, W. A renormalization group analysis of correlation function series expansions 1-30958
- Stella, B. *see* Bacci, C. 1-575
- Stella, B. *see* Berger, C. 1-5636, 1-10209
- Stella, B. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Stella, P.M. *see* Scott-Monck, J.A. 1-48857
- Stella, R. *see* Albini, A. 1-35720
- Stelle, K.S. *see* Sohnius, M.F. 1-5479
- Stellingwerf, R.F. Nonlinear δ Scuti models: the main sequence catastrophe? 1-27539
- Stellingwerf, R.F. *see* Gillman, A.W. 1-9557
- Stellmacher, I. Periodic orbits around an oblate spheroid 1-44412
- Stellrecht, D.E., Pasupathi, V., Krogness, J.C. Elevated-temperature testing of spent nuclear fuel rods 1-23821
- Stellrecht, D.E. *see* Davis, R.B. 1-23820
- Stelly, M. Influence of deformation rate on tensile behaviour in 5 steels 1-35325
- Stelly, M. *see* Gascoin, J.Y. 1-21536
- Stelmach, W.F. *see* Glasner, E. 1-20245
- Stelmack, L.A., Flint, B.K. Mirrors and coatings for vacuum UV and UV lasers 1-15174
- Stelmack, L.A., Flint, B.K. Mirrors and coatings for vacuum UV and UV lasers. II. Application 1-33698
- Stel'makh, V.F. *see* Erchak, D.P. 1-26015
- Stel'makh, V.F. *see* Lukashevich, M.G. 1-42798
- Stelmakhov, Yu.N. *see* Belyaeva, A.I. 1-34907
- Steiman, D. *see* Dunks, G.B. 1-43547
- Stel'mashchuk, V.Ya. *see* Kiselev, N.A. 1-17341
- Stelson, P.H. *see* Auble, R.L. 1-23907
- Stelte, N., Weiner, R. Geometry and dynamics in the hot spot model 1-50644
- Stelts, M. *see* Brenner, D.S. 1-10581
- Stelzer, F. Heat dissipation and thermal stress in solid targets 1-18950
- Stelzer, K. *see* Ower, H. 1-45397
- Stelzner, D.F. *see* Kersten, R.T. 1-41889
- Steman, J.H.M. *see* Goldschart, J.M. 1-30502
- Stember, N.G. *see* Gertsen, N.P. 1-39042
- Stemp, L. *see* Aronson, S. 1-21759
- Stenbaek-Nielsen, H.C. On a comparison between inferred and observed electron flux in pulsating auroras 1-9312
- Stenbaek-Nielsen, H.C. *see* Wescott, E.M. 1-40251
- Stenchikov, G.L. *see* Andreev, N.E. 1-51945
- Stenflo, L. *see* Gradov, O.M. 1-2173
- Stengel, P.W. *see* Frazer, D.G. 1-13280
- Stengelin, R. *see* Von Engelhardt, W. 1-40362
- Stenger, C.G.F., Burggraaf, A.J. Order-disorder reactions in the ferroelectric perovskites Pb(Sr_{1/2}Nb_{1/2})O₃ and Pb(Sr_{1/2}Ta_{1/2})O₃. I. Kinetics of the ordering process 1-7326
- Stenger, C.G.F., Burggraaf, A.J. Order-disorder reactions in the ferroelectric perovskites Pb(Sr_{1/2}Nb_{1/2})O₃ and Pb(Sr_{1/2}Ta_{1/2})O₃. II. Relation between ordering and properties 1-21146
- Stenger, V.J. *see* Berge, J.P. 1-540
- Stengl, G. *see* Reiter, W.L. 1-6105, 1-51026
- Stenholm, L.G. Structure of molecular clouds. II. Clouds without prominent star formation 1-9626
- Stenholm, L.G. Structure of molecular clouds. I. Observational constraints and CO line formation 1-9632
- Stenholm, L.G. Structure of molecular clouds. IV. Clouds with prominent star formation 1-27587
- Stenholm, L.G. *see* Morfill, G.E. 1-13832
- Stenholm, S. A Bargmann representation solution of the Jaynes-Cummings model 1-41649
- Stenholm, S. *see* Bambini, A. 1-1541
- Stenholm, S. *see* Javanainen, J. 1-33429, 1-46267
- Stenhouse, I.A. *see* Cairns, J.A. 1-28594
- Stenman, F. *see* Bergstrom, G. 1-33793
- Stensaas, L.J. *see* D'Andrea, J.A. 1-4326
- Stensgaard, I., Feldman, L.C., Silverman, P.J. Evidence of multilayer distortions in the reconstructed Si(001) surface 1-34559
- Stensgaard, I. *see* Jackson, T.E. 1-16647
- Stenzel, H., Velfe, H.D., Krohn, M. New experimental results on nucleation of Au on NaCl: dependence on deposition rate and time 1-20586
- Stenzel, R.A., Yu, J., Houle, E.H. Adapting geothermal energy to produce ethanol for automotive fuel 1-48794
- Stenzel, R.L., Oyama, M., Nakamura, Y. V-shaped double layers formed by ion beam reflection 1-6970
- Stenzel, R.L. *see* Wild, N. 1-38054
- Stenpachikov, V.A. *see* Chicherov, V.M. 1-25028
- Stepanenko, I.A., Komarov, A.D., Zaleskii, Yu.G., Nazarov, N.I. Dynamics of plasma accumulation and ion loss in the electromagnetic trap 1-42200
- Stepanenko, I.A. *see* Komarov, A.D. 1-2223
- Stepanenko, N.M. *see* Lohvitskii, Yu.L. 1-35397
- Stepanenko, V.A. Raster and transmission stereoscopic fractography of fatigue fractures 1-12871
- Stepanenko, V.A. *see* Gass, A.S. 1-690
- Stepanenko, V.A. *see* Urkumbayev, M.F. 1-31628
- Stepanenko, V.I. *see* Solomko, A.A. 1-48045
- Stepanenko, V.M. *see* Poltoratski, Yu.B. 1-43154
- Stepanescu, A. *see* Celasco, M. 1-30842
- Stepanez, N.I. *see* Moltschanov, I.N. 1-27783
- Stepanian, A.A. On the mode of gamma-ray generation by X-ray source Cyg X-3 1-17909
- Stepanian, A.A. *see* Vladimirov, B.M. 1-17908
- Stepanian, N.N., Shcherbakova, Z.A. The lines of rare-earth in the spectrum of the Sun as a star 1-17804
- Stepanishen, P.R. *see* Gustafson, H.L., III 1-46607
- Stepanov, A.A., Scheglov, V.A. Output spectrum of a CW ring HF chemical laser with a chain pumping mechanism 1-29272
- Stepanov, A.A., Scheglov, V.A. Ring model for a 'cold-reaction' CW HF chemical laser 1-24415
- Stepanov, A.A., Scheglov, V.A. Rate constants of the production and energy distribution of the products in the two-channel reaction H+ClF(v_{0,0})→HCl(v_j)+F; HF(v_j)+Cl 1-48681
- Stepanov, A.E. *see* Gaisinskii, I.M. 1-42196
- Stepanov, A.P. *see* Skripov, A.V. 1-31048
- Stepanov, A.S. *see* Merkulovich, V.M. 1-40162
- Stepanov, A.V. *see* Geidel'man, A.M. 1-672
- Stepanov, A.V. *see* Zavarzina, V.P. 1-28435
- Stepanov, B. New measuring instruments and methods of measurements of optico-physical parameters of high speed processes 1-23286
- Stepanov, B.M. *see* Baranov, V.M. 1-34779
- Stepanov, B.M. *see* Benditskii, A.A. 1-25711
- Stepanov, B.M. *see* Butslov, M.M. 1-36184
- Stepanov, B.M. *see* Kaufman, S.A. 1-5270
- Stepanov, B.M. *see* Miller, A. 1-46581
- Stepanov, B.M. *see* Panajuk, V.S. 1-33357
- Stepanov, B.M. *see* Vasil'ev, Yu.S. 1-5272
- Stepanov, B.M. *see* Zagorskii, Ya.T. 1-5271
- Stepanov, D.I. *see* Nepokoichitskii, A.G. 1-43273
- Stepanov, D.V. *see* Klimov, S.P. 1-37658
- Stepanov, G.N. High-pressure systems for research on the Mossbauer effect at low temperatures 1-45094
- Stepanov, G.N., Yakovlev, E.N. Superconductivity of S at high pressures 1-42882
- Stepanov, G.N., Yakovlev, E.N., Valanskaya, T.V. Superconductivity of NaCl at high pressure 1-34823
- Stepanov, G.N. *see* Yakovlev, E.N. 1-30635
- Stepanov, G.V., Astanin, V.V. High-speed impact compression testing of metals 1-31806
- Stepanov, G.V. *see* Malakhov, B.A. 1-30837
- Stepanov, G.V. *see* Malkhov, B.A. 1-47755
- Stepanov, I.A., Bakulin, A.V., Kobzaruk, A.V. Corrosion and mechanical properties of aluminum alloy panels 1-31755
- Stepanov, K.N. *see* Grekov, D.L. 1-2198
- Stepanov, K.N. *see* Kirchichin, Yu.A. 1-38077
- Stepanov, N.F. *see* Dement'ev, A.I. 1-14812
- Stepanov, N.F. *see* Nemukhin, A.V. 1-10646
- Stepanov, N.F. *see* Topol, I.A. 1-19030, 1-24038, 1-28872
- Stepanov, N.F. *see* Zaitsevskii, A.V. 1-10679
- Stepanov, N.S. *see* Lupanov, G.A. 1-34046
- Stepanov, S.B. *see* Zhitarev, V.E. 1-25123
- Stepanov, S.I. *see* Barkov, Yu.D. 1-13484
- Stepanov, S.I. *see* Petrov, M.P. 1-19296
- Stepanov, S.S., Sychugov, V.A., Tulalikhova, T.V. Method for preparing photoresist grating masks 1-1728
- Stepanov, S.V. *see* Bituykov, V.K. 1-18234
- Stepanov, S.V. *see* Bogomolov, E.A. 1-36151
- Stepanov, V.A., Shepizman, V.V., Zhoga, L.V. The kinetics of brittle failure in solids and the possibility of predicting failure for static and cyclic loading 1-3925
- Stepanov, V.A. *see* Bershtein, V.A. 1-3816
- Stepanov, V.G. *see* Romanov, O.N. 1-3785
- Stepanov, Yu.A. *see* Ageykin, V.F. 1-42695
- Stepanov, Yu.N. *see* Nartova, T.T. 1-16884
- Stepanov, Yu.S. *see* Kozin, N.S. 1-41953
- Stepanov, Yu.Yu. *see* Baranov, V.O. 1-33763
- Stepanov, Yu.Yu. *see* Baranov, V.Yu. 1-33667
- Stepanova, A.N. *see* Emyashev, A.V. 1-43266
- Stepanova, E.A., Komarov, V.S., Akulin, N.A. Simultaneous IR spectroscopic and gravimetric determination of the sorption of pyridine by oxide catalysts 1-21198
- Stepanova, I.I. *see* Chivruk, V.P. 1-48728
- Stepanova, I.I. *see* Medvedevskii, L.I. 1-28526
- Stepanova, Yu.D. *see* Paschenko, V.P. 1-39601
- Stepantsov, A.A., Govorkov, V.G., Kharitonov, Yu.A., Belov, N.V. Cleavage of yttrium aluminum garnet crystals 1-3959
- Stepanyan, A. *see* Markaryan, B.E. 1-22695
- Stepanyan, A.A. Energy spectrum of high-energy electrons generated by the pulsar NP 0532 1-36317
- Stepanyan, A.A., Vladimirov, B.M., Neshpor, Yu.I., Fomin, V.P. Some results of a search for discrete sources of ultrahigh-energy gamma-ray sources made by the Crimean Astrophysical Observatory in 1973-1975 1-22928
- Stepanyan, Dzh.A. *see* Afanas'ev, V.L. 1-49804
- Stepanyan, Dzh. A. *see* Markaryan, B.E. 1-36393
- Stepanyan, J.A. *see* Markaryan, B.E. 1-9659
- Stepanyan, N.N., Shcherbakova, Z.A. Search for variable lines in the spectrum of the Sun as a star 1-27444
- Stepanyan, N.N. *see* Baranovskii, E.A. 1-22754
- Stepanyan, N.N. *see* Berlyand, B.O. 1-27450
- Stepanyan, S.S. *see* Frolov, A.M. 1-28771
- Stepanyan, S.S. *see* Maishev, V.A. 1-25348
- Stepanyuk, V.S. *see* Katsnelson, A.A. 1-47631

- Stephan, G., Taleb, H. Width of a gaussian beam in a gas laser 1-29305
- Stephan, H. see Wahlster, M. 1-53120
- Stephan, K., Auracher, H. Correlations for nucleate boiling heat transfer in forced convection 1-33881
- Stephan, K., Helm, H., Mark, T.D. Mass spectrometric determination of partial electron impact ionization cross sections of He, Ne, Ar and Kr from threshold up to 180 eV 1-10844
- Stephan, K. see Huestis, D.L. 1-41458
- Stephanakis, S.J. see Young, F.C. 1-45778
- Stephany, M. see Bauder, P. 1-14685
- Stephen, J. see Smith, B.J. 1-52166
- Stephen, J.D., Murata, R.E., Bailey, H.S. Oxide fuel and blanket assemblies for the U.S. LMFBR Development Plant 1-45619
- Stephen, J.D. see Harbourn, B.L. 1-45618
- Stephen, N.G. Integrals involving Euler-Bernoulli flexure and Saint-Venant torsion eigenfunctions 1-11340
- Stephen, P.M.S., Howe, A.T. Proton conductivity and phase relationships in solid KOH between 248 and 406°C 1-34514
- Stephen, R.A. see White, R.S. 1-4447
- Stephens, C.D., Lahr, J.C., Fogleman, K.A., Horner, R.B. The St. Elias, Alaska, earthquake of February 28, 1979: regional recording of aftershocks and short-term, pre-earthquake seismicity 1-49220
- Stephens, C.D. see Hasegawa, H.S. 1-49222
- Stephens, E.R., Hellrich, O.P. Chromatographic monitoring of hydrocarbons in ambient air 1-4237
- Stephens, F.S. Phenomena at very high spins 1-614
- Stephens, F.S. Nuclear structure at high spins 1-45387
- Stephens, F.S. see Alconard, M.M. 1-23590
- Stephens, F.S. see Andrews, H.R. 1-18559
- Stephens, F.S. see Hubel, H. 1-10377
- Stephens, J.A. see Taylor, A.H. 1-17612, 1-27201
- Stephens, K. see Bartel, W. 1-18500, 1-45253, 1-45254
- Stephens, K. see O'Neill, L.H., Jr. 1-50443
- Stephens, K.G. see Gecim, H.S. 1-12125
- Stephens, K.G. see Sadana, D.K. 1-11779
- Stephens, P.D. Sheath expansion in the positive column—its effect on current multiplication [plasma sheath] 1-15622
- Stephens, P.R., Page, M.J. Evaluation of multispectral aerial photographs for the recognition of land resource features 1-44192
- Stephens, P.W., Heiney, P.A., Birgeneau, R.J., Horn, P.M., Stollenberg, J., Vilches, O.E. X-ray and heat-capacity study of molecular oxygen adsorbed on graphite 1-25565
- Stephens, R. A wavelength specific photo-electric detector 1-18303
- Stephens, R.B. Stress-enhanced crystallization in amorphous selenium films 1-42300
- Stephens, R.B., Whitcomb, J. The protection of high efficiency solar thermal collectors using the ternary mixture $\text{MnSO}_4 \cdot \text{H}_2\text{O} \cdot \text{C}_2\text{H}_5\text{O}_2$ 1-13170
- Stephens, R.B. see Cody, G.D. 1-31216
- Stephens, R.J., Hart, C.P., Torbit, C.A., Edmonds, P.D. Reproducible subcellular alterations in hepatocytes resulting from ultrasound 1-8901
- Stephens, S.A. Cosmic ray antiprotons and modified closed galaxy model 1-40290
- Stephens, W.E. see Steier, W.H. 1-24363
- Stephenson, A. see Jones, D.M. 1-21468
- Stephenson, A. see Runcorn, S.K. 1-54403
- Stephenson, B.S. see McEwen, B.S. 1-27037
- Stephenson, C.B. A new weak-banded, probable carbon star, having bright $\text{H}\alpha$ 1-27500
- Stephenson, D.G., Wendt, I.R., Forrest, Q.G. Non-uniform ion distributions and electrical potentials in sarcoplasmic regions of skeletal muscle fibres 1-48981
- Stephenson, E.J., Holt, R.J., Specht, J.R., Moses, J.D., Burman, R.L., Crocker, G.D., Frank, J.S., Leitch, M.J., Laszewski, R.M. The design and calibration of a high efficiency deuteron tensor polarimeter 1-28821
- Stephenson, E.J. see Bowles, T.J. 1-41144
- Stephenson, E.J. see McKeown, R.D. 1-28499
- Stephenson, E.T. see Kinnman, R. 1-43625
- Stephenson, F.R. see Parkinson, J.H. 1-27456
- Stephenson, F.R. see Willis, D.M. 1-9251
- Stephenson, G.J., Jr. see Gibbs, W.R. 1-45260
- Stephenson, J.C. see Grimley, A.J. 1-37247
- Stephenson, J.C. see Stone, J. 1-1292
- Stephenson, K., Haeblerli, W. Investigation of the deuteron asymptotic D- to S-ratio using sub-Coulomb (d,p) reactions 1-28487
- Stephenson, R. see Bateman, J.E. 1-14731
- Stephenson, R.A. see Hughes, T.F.R. 1-27779
- Stepien, B., Zycka-Sechman, J., Nowicka, E. Al contact layers in 'pure vacuum' adapted for hard assembly 1-21353
- Stepien, K., Muthsam, H. Line blanketed model atmospheres of Ap stars. IV. UVB colors and effective temperatures of Ap stars 1-27514
- Stepien, R.W. see Woodford, D.A. 1-43375
- Stepien-Damm, J., Lukaszewicz, K. Effect of some Me^{2+} impurity ions on the lattice parameter of KCl crystals 1-52122
- Stepien-Damm, J. see Damm, J.Z. 1-52176
- Stepin, V.S. see Yuganova, S.A. 1-3697
- Stepin, Yu.V. see Benkleyaya, N.P. 1-27928
- Stepina, G.K. see Kukleva, Z.A. 1-15294
- Stepina, T.I. see Vernov, S.N. 1-4731
- Stepinski, M. see Andzheevskii, Yu. 1-36952
- Stepkin, A.V. see Kiryukhin, S.V. 1-2235
- Stepniewski, R., Pastor, K., Grynberg, M. Γ_{g} bands anisotropy and selection rules for far-infrared magneto-optical transitions in HgTe 1-16551
- Steppe, J.A. see Murdock, J.N. 1-22539
- Sterba, F., Kvasil, J., Holan, P. The structure of the states in the ^{161}Dy and ^{163}Dy isotopes excited by the one-neutron transfer reactions 1-14442
- Sterelyukhina, L.N. see Zhdanov, V.G. 1-26127
- Sterett, W.K., Crisler, M.J. Steam generator replacement by the channel head cut alternative 1-28535
- Stergiou, A. see Barth, M. 1-41018, 1-45377
- Sterin, K.E. see Denisov, V.N. 1-8065
- Sterin, Kh.E. see Denisov, V.N. 1-8070
- Sterin, Kh.E. see Mavrin, B.N. 1-21208
- Sterin, Kh.E. see Varshal, B.G. 1-52950
- Sterk, E. see Beregi, E. 1-7101
- Sterken, C. see Jakate, S.M. 1-27541
- Sterligov, V.A. see Vitrikhovskii, N.I. 1-35168
- Sterlikova, I.V. see Baranski, L.N. 1-26222
- Sterma, F. Properties of hot-pressed Al_2O_3 , $\text{Al}_2\text{O}_3\text{-Cu}$ and Cu-C (graphite) materials 1-48446
- Sterman, G. see Ore, F.R., Jr. 1-45138
- Stern, A. see Jacob, I. 1-7460
- Stern, A. see Levin, L. 1-3672
- Stern, A. see Skagerstam, B.S. 1-10165, 1-23418
- Stern, B. Semianalytical solutions of quantal close-coupling equations in the presence of radial couplings 1-111
- Stern, D.M. Evolution of photographic data management 1-45062
- Stern, D.P., Langel, R.A., Mead, G.D. Backus effect observed by Magsat 1-35932
- Stern, E.A. see Heald, S.M. 1-35119
- Stern, F. see Hamilton, R.C. 1-31687
- Stern, J. see Gasser, J. 1-10138
- Stern, J.T., Jr. see Jungers, W.L. 1-4260
- Stern, K.H. Oxide ion titrations in molten NaCl with the zirconia electrode 1-31894
- Stern, M.D. see Williams, P.C. 1-13365
- Stern, M.E. A variational principle for turbulent flow 1-19677
- Stern, R.A., Underwood, J.H., Antiochos, S.K. X-ray flare in HD 2730 1-54555
- Stern, R.A. see Brandelik, R. 1-23510, 1-50411
- Stern, R.A. see Cameron, W. 1-36880
- Stern, S.A., Saxena, V. Concentration-dependent transport of gases and vapors in glassy polymers 1-21774
- Stern, W.C. see Bronzino, J.D. 1-22006
- Sterna, L., Ronis, D., Wolfe, S., Pines, A. Viscosity and temperature dependence of the magnetic isotope effect 1-31881
- Sterna, L. see Tang, J. 1-52857
- Sternberg, R.L., Anderson, W.A. Project FLYEYE: some techniques for frequency independent beam forming [sonar] 1-32565
- Sternberg, U., Rosenberger, H. Molecular orbital calculation of proton shielding tensors for the interpretation of solid state NMR data 1-51224
- Sternberg, J. see Zentko, A. 1-47847, 1-47863
- Sternfeld, H.J. see Wojkowsky, H. 1-43829
- Sternheim, M., Cohen, E. Decay kinetics of excitons and the electron-hole plasma in GaP:N 1-3484
- Sternheim, M.M. see Gerace, W.J. 1-23686
- Sternin, B.Yu., Shtalov, V.E. On a method of computing the diffraction by a convex body 1-19248
- Sternitzke, N. see Schwedt, H. 1-4372
- Sterrenburg, F.A.S. Westerbork radio-telescope is ten years old 1-54375
- Sterrenburg, W. see Horen, D.J. 1-50568
- Sterrenburg, W.A., Austin, S.M., De Vito, R.P., Galonsky, A. Q-value systematics for isovector giant resonances excited by (p,n) reactions on Zr, Nb, Mo, Sn, and Pb isotopes 1-18619
- Sterten, A. Structural entities in NaF-AlF_3 melts containing alumina 1-42282
- Sterzer, F., Paglione, R.W., Mendeck, J., Friedenthal, E., Botstein, C. RF therapy for malignancy 1-43937
- Sterzer, F. see Mendeck, J. 1-43938
- Sterzynski, T. see Czarnocki, J. 1-39462
- Sterzynski, T. see Garbacz, J. 1-26515
- Steshenko, A.I. see Pavlenko, O.P. 1-28378
- Steshenko, N.V. Cygnus X-3 1-4997
- Steshenko, N.V. see Bruns, A.V. 1-27385, 1-27441
- Stetsenko, N.A. see Tsvirko, E.I. 1-21668
- Stetsenko, P.N., Surikov, V.I. Exchange interaction mechanism in ferromagnetic Ni-Mn alloys 1-52767
- Stetsenko, S.G. see Pereygin, V.P. 1-32587
- Stetsenko, T.P. see Borsheh, A.A. 1-8036, 1-33640
- Stetsik, V.V. Limiting degree of electrolytic dissociation 1-39648
- Stetsiv, Ya.I. see Zyubrik, A.I. 1-53010
- Stetsion, A.R. see Hsu, L. 1-31762
- Stetson, K.A. see Smith, G.B. 1-331
- Stettner, R., Marks, R., Dancz, J. Physical modeling of spacecraft discharge processes and associated electron blowoff 1-34139
- Stettner, R. see Dancz, J. 1-33600
- Stetz, A.W. see Kallne, J. 1-18686
- Stetz, A.W. see Rogers, J.G. 1-23660
- Studel, H. A relation connecting scale transformation, Galilean transformation and Backlund transformation for the nonlinear Schrödinger equation 1-32873
- Studel, R. see Laitinen, R. 1-14905
- Steudle, W. see Von Schutz, J.U. 1-31063
- Steuer, J., Burkhardt, W., Glasner, P. Selection, qualification and admission of nuclear power plant personnel in the German Democratic Republic 1-5044
- Steuer, M. see Barber, D.P. 1-28309
- Steuer, M. see Becker, U. 1-51045
- Steuer, M. see Di Gennaro, V. 1-5660
- Steuer, M. see Fidecaro, G. 1-591
- Steuer, M.F. see Shah, A.V. 1-33537
- Steuer, M.F. see Wood, R.M. 1-12981
- Steenenberg, R.K. see Barney, D.L. 1-48819
- Steurer, W., Rogl, P., Boller, H., Kunsch, B., Nowotny, H. A neutron powder diffraction study of $(\text{V,Cr})_2\text{C}_{2-x}$ 1-34312
- Stevanovic, D.V. see Thompson, D.A. 1-52188
- Steven, A.C., Navia, M.A. Fidelity of structure representation in electron micrographs of negatively stained protein molecules 1-21983
- Steven, J.H. see Williams, E.W. 1-4199
- Stevens, A. see Bozoki, G. 1-45752
- Stevens, A.E. History of some Canadian and adjacent American seismograph stations 1-32524
- Stevens, A.L. Mixers, sensitivity and directional discrimination in continuous wave ultrasonic Doppler equipment 1-22091
- Stevens, A.L. see Andres, K. 1-16408
- Stevens, C.A. see Mendoza, Z.T. 1-41194
- Stevens, D.C. see Marshall, M. 1-6108
- Stevens, G.W.W. see Allen, D.M. 1-28086
- Stevens, J.L., Holcomb, D.J. A theoretical investigation of the sliding crack model of dilatancy 1-40121
- Stevens, J.L. see Holcomb, D.J. 1-40122
- Stevens, J.R. see Coakley, R.W. 1-12513
- Stevens, K.K. see Sung, L. 1-24726
- Stevens, K.W.H. A note on quantum mechanical tunnelling 1-41
- Stevens, K.W.H. Symmetry and experiment in magnetism 1-20938
- Stevens, K.W.H. see Mehran, F. 1-12398
- Stevens, K.W.H. see Roberts, M. 1-20665
- Stevens, N.J. Modelling of environmentally induced discharges in geosynchronous satellites 1-34141
- Stevens, R.A., Flewitt, P.E.J. Regenerative heat treatments for the extension of the creep life of the superalloy IN-738 1-16860
- Stevens, R.D.S. see Chan, W.H. 1-35728, 1-35734
- Stevens, R.K., Dzuby, T.G., Shaw, R.W., Jr., McClenney, W.A., Lewis, C.W., Wilson, W.E. Characterization of the aerosol in the Great Smoky Mountains 1-53732
- Stevens, W.J. see Krauss, M. 1-37126
- Stevens, W.W. see Bucknall, C.B. 1-31595
- Stevenson, A. see Andrews, E.H. 1-8526
- Stevenson, A.F.G. see Monig, H. 1-32206
- Stevenson, D.A., Ketrush, P.L., Chang, S.C., Borschevsky, A. The influence of Ti and Zr additions on GaAs liquid phase epitaxial growth 1-39250
- Stevenson, D.A. see Dun, H. 1-24304
- Stevenson, D.J. Lunar asymmetry and paleomagnetism 1-4794
- Stevenson, G.R. Computer methods in radiation protection as viewed by a user 1-18921
- Stevenson, G.R. ESR of free radicals in liquid solution 1-43013
- Stevenson, J.D. Structural damping values as a function of dynamic response stress and deformation levels 1-752
- Stevenson, J.D. Current summary of international extreme load design requirements for nuclear power plant facilities 1-827
- Stevenson, J.D. Neutron emission in relativistic nuclear collisions 1-23673
- Stevenson, M.L. see Berge, J.P. 1-540
- Stevenson, P.C. see Meyer, R.A. 1-14468
- Stevenson, P.M. Resolution of the renormalisation-scheme ambiguity in perturbative QCD 1-50387
- Stevenson, R. Improving the formability of low carbon sheet steel by control of interstitial carbon content and temperature 1-26513
- Stevenson, W.H. see Sweeney, D.W. 1-15129
- Stevula, L., Petrovic, J. Synthesis of $\text{CaO/SiO}_2 = 0.5$ calcium silicate hydrates under hydrothermal conditions 1-39231

- Steward, S.A., Uribe, F., Alire, R.M. Studies of FeTi₂ surfaces and their effects on the reactivity of the bulk compound with hydrogen 1-2783
- Steward, S.A. see Jones, L.M. 1-6068
- Steward, S.A. see Lakner, J.F. 1-20552
- Stewart, A.F., Bass, M. Intensity-dependent absorption in semiconductors 1-41787
- Stewart, A.M., Adler, J. Some comments on the choice of decoupling scheme for the biquadratic Heisenberg ferromagnet 1-25862
- Stewart, A.M. see Chiu, L.B. 1-7946
- Stewart, A.T. The influence of environment and stress ratio on fatigue crack growth at near threshold stress intensities in low-alloy steels 1-26585
- Stewart, C.G. see Evans, R.D. 1-53828
- Stewart, D., Wilson, P.D., Latham, R.V., Allen, N.K. Energy spectra of electrons field emitted from a broad area composite cathode of tantalum carbide 1-39225
- Stewart, D.R. see O'Keefe, E.J. 1-29455
- Stewart, G., Hutchins, R.H., Laybourn, P.J.R. Controlled growth of arsenic trisulphide films for coupling integrated optical devices 1-41888
- Stewart, G.A., Kalkowski, G., Wortmann, G. Mossbauer studies of TmH₂ and DyH₂ 1-7980
- Stewart, G.C. see Fabian, A.C. 1-9670
- Stewart, G.C. see Parmar, A.N. 1-27636
- Stewart, G.R., Giorgi, A.L. High-field specific heat of A-15 Mo_{0.4}Ta_{0.6} 1-16052
- Stewart, G.R. see Einz, C.P. 1-12328
- Stewart, G.R. see Methfessel, C.E. 1-47779
- Stewart, G.W. see Patel, R.I. 1-26749
- Stewart, I.C.F. Anomalous travel times of teleseismic P-waves reflected under arctic marine areas 1-32379
- Stewart, I.C.F. Arctic lithospheric structure from delays of teleseismic P-wave reflections 1-32381
- Stewart, J.C. see Marshall, T.O. 1-6051
- Stewart, J.E. Optics of flow cells for liquid chromatography 1-48756
- Stewart, J.M.P. see Perkins, P.G. 1-47434
- Stewart, J.M.P. see Hall, S.R. 1-15744
- Stewart, J.M. see Israel, W. 1-18186
- Stewart, L. see Meservey, E.B. 1-24992
- Stewart, L.D. see Strachan, J.D. 1-45729
- Stewart, M., Madison, D.H. Effect of polarization and absorption on differential cross sections and angular correlation parameters for electron excitation of helium 1-46133
- Stewart, M.K. see Fellows, S.K. 1-32056
- Stewart, R., Murphy, B., Healey, J. The role of solar energy and energy conservation 1-39806
- Stewart, R.C. see Smith, N.K. 1-31899
- Stewart, R.E. see Rahman, M.M. 1-54231
- Stewart, R.L., Bradt, R.C. Fracture of polycrystalline MgAl₂O₄ 1-39431
- Stewart, R.T., Nelson, G.J. An observed correlation between the flux densities of extended hard X-ray and microwave solar bursts 1-4885
- Stewart, R.T. see Suzuki, S. 1-4880
- Stewart, R.W., Bufton, J.L. Development of a pulsed 9.5 μm lidar for regional scale O₃ measurement 1-9285
- Stewart, T.J. see Frisillo, A.L. 1-22335
- Stewart, W.D. see Drummond, W.E. 1-45087
- Stewart, W.F. Liquid hydrogen as an automotive fuel 1-48919
- Stewart, W.F. see Dean, J.W. 1-46834
- Stewart, W.J. Generalised parameters for single mode fibres 1-11440
- Stewart, W.J. see Bennion, I. 1-11079
- Stewart, W.R., Carter, V., Brooks, P.D. Inland (non-tidal) wetland mapping 1-4550
- Stewartson, K. see Brown, S.N. 1-11412, 1-11441, 1-42034
- Stewartson, K. see Cecchi, T. 1-42040
- Stey, G.C., Horton, W. A nonlinear model for toroidal drift modes driven by ion pressure gradients 1-34070
- Steyerl, A. Propagation of neutron beams 1-36979
- Steyerl, A. see Scheckenhof, H. 1-28788
- Steyerl, A. see Utsuro, M. 1-18709
- Steyn, D.G., Oke, T.R. Effects of a small scrub fire on the surface radiation budget 1-9158
- Steyn-Ross, M.L., Walls, D.F. Quantum theory of a Raman laser 1-46308
- Steyn-Ross, M.L. see Walls, D.F. 1-46432
- Stickler, D.C. see Ahluwalia, D.S. 1-29425
- Stickler, R. see Kny, E. 1-8311
- Stiddard, M.H.B. A RHEED study of antimony growth on antimony [111] 1-53105
- Stief, L.J., Nava, D.F., Payne, W.A., Michael, J.V. Rate constant for the reaction of hydroxyl radical with formaldehyde over the temperature range 228-362 K 1-4064
- Stief, L.J. see Michael, J.V. 1-31838, 1-35523
- Stiening, R.F. see Hildebrand, R.H. 1-49664
- Stier, H.E. Inelastic muon nucleon scattering 1-18488
- Stier, H.E. Deep inelastic muon nucleon scattering: A probe of hadronic structure 1-45306
- Stier, H.E. see Alkkofer, O.C. 1-45773
- Stier, H.E. see Aubert, J.J. 1-5630
- Stierle, B. see Ziegler, R. 1-48633
- Stierlin, U. see Chabaud, V. 1-50468
- Stierlin, U. see Chabaud, V. 1-10392
- Stierlin, U. see Daum, C. 1-14424, 1-28357
- Stierlin, U. see Gorlich, L. 1-5656
- Stierlin, U. see Sacharidis, E.J. 1-50469
- Stierman, R.J., Mc Masters, O.D., Gschneider, K.A., Jr. Superconductivity in La-Y-Mn alloys 1-25826
- Stieve, H., Bruns, M. Dependence of bump rate and bump size in Limulus ventral nerve photoreceptor on light adaptation and calcium concentration 1-48986
- Stieve, H. see Maaz, G. 1-22009
- Stifter, J.F., Bolt, B.A. Eigenvibrations of laterally inhomogeneous Earth models 1-32375
- Stiger, R.R. Rafter River 5-MW(e) geothermal pilot plant 1-48796
- Stiglich, J.J., Jr., Bhat, D.G. Friction and erosive wear of controlled nucleation thermochemically deposited W-C alloys and SiC and chemically vapor-deposited Si₃N₄ 1-16903
- Stiglich, J.J., Jr., Bhat, D.G., Joliz, R.A. High temperature structural ceramic materials manufactured by the CNTD process 1-21355
- Stiglich, J.J., Jr. see Holz, R.A. 1-16731
- Stihel, Z. see Cernoch, J. 1-48353
- Stijns, E. Measuring the spot size of a Gaussian beam with an oscillating wire 1-29306
- Stijns, E. Changing the quality factor of a laser with a glass plate 1-37515
- Stilbs, P., Moseley, M.E. Multicomponent spin-echo measurement by the pulsed-gradient spin-echo method on standard Fourier transform NMR spectrometers 1-38567
- Stilbs, P., Moseley, M.E. Carbon-13 pulsed-gradient spin-echo studies, a method for the elimination of J-modulation and proton exchange effects in self-diffusion measurements 1-39005
- Stilbs, P., Moseley, M.E., Lindman, B. Fourier transform NMR self-diffusion measurements on microemulsions 1-21784
- Stiles, P.J. Quasi-two-dimensional electron systems in semiconductor space charge layers 1-7747
- Stiller, H., Franck, S. Some new theoretical results on the Grüneisen parameter 1-42502
- Stiller, H., Vollstadt, H., Franck, S. Present problems of high pressure geophysics 1-32416
- Stiller, P.K. see Sattlegger, J.W. 1-54262
- Stillinger, F.H. Simple cell model with collapse instability 1-9939
- Stillinger, F.H. Water revisited 1-25140
- Stillinger, F.H., David, C.W. Study of the water octamer using the polarization model of molecular interactions 1-6419
- Stillinger, F.H., Weber, T.A. Lindemann melting criterion and the Gaussian core model 1-20105
- Stillinger, F.H. see Abrahams, S.C. 1-38526
- Stillman, A.E., Schwartz, L.J., Freed, J.H. Direct determination of rotational correlation time by electron-spin echoes 1-1259
- Stillman, G.E. see Cook, L.W. 1-47407
- Stillman, G.E. see Shichijo, H. 1-47659
- Stillman, M.J. see Jacobs, P.W.M. 1-21222
- Stillwagon, G.B., Morgan, K.Z. Detection of α-particles utilizing polycarbonate foils processed by the electrochemical etching technique 1-18957
- Stilp, A.J. see Tham, R. 1-39334
- Stimets, R.W., Giles, R.H. Rotational modulation of chromospheric variations of main-sequence stars 1-44542
- Stimming, U. see Schmickler, W. 1-39624
- Stimpfling, A. see Dancer, A. 1-13252
- Stimpfling, A. see Fagot, H. 1-21680
- Stimpfling, A. see Smigelski, P. 1-9066
- Stinchcombe, R.B. Dimensional crossover in dilute magnets 1-12308
- Stinchcombe, R.B. Pure and diluted anisotropic quantum Heisenberg model 1-42966
- Stinchcombe, R.B. see Davies, M.R. 1-32925
- Stinchcombe, R.B. see Yeomans, J.M. 1-7869
- Stine, J.R., Noid, D.W. The effect of laser polarization on the two-layer excitation of a diatomic molecule 1-33525
- Stingeder, G. see Schreiner, M. 1-53383
- Stinnett, R.W. see Williams, R.R. 1-33358
- Stinson, D.G. see Stapleton, H.J. 1-17344
- Stipcevic, Z. see Fajfer, S. 1-10139, 1-40944
- Stirbis, A.P. see Marchylenis, D.V.A. 1-16987
- Stirling, A.J. see Moock, E.O. 1-45714
- Stirling, W.G., Lander, G.H., Vogt, O. Neutron inelastic studies of UAs and USe 1-47858
- Stirling, W.G. see McEwen, K.A. 1-34859
- Stirling, W.J. see Ellis, S.D. 1-45221
- Stirn, R.J. 'Peeled-film' solar cells 1-48842
- Stishkov, Yu.K., Ostapenko, A.A. Two regimes of hydrodynamic flow in convective conductivity 1-2093
- Stishov, S.M., Kachinski, V.N. On some electrical contact phenomena appearing during the impact of a conical indenter into a planar anvil through a thin dielectric layer 1-47772
- Stishov, S.M., Makarenko, I.N., Nikolaenko, A.M. On the equation of state of solid and liquid alkali metals 1-30353
- Stitch, M.L. (editor) Laser handbook, vol.3 1-9782
- Stith, J.L. see Hobbs, P.V. 1-4231
- Stitz, O. see Eschnauer, H. 1-39234
- Stivala, S.S., Reich, L. Structure vs. stability in polymer degradation 1-48395
- Stivers, A.R., Sah, C.T. A study of oxide traps and interface states of the silicon-silicon dioxide interface 1-42864
- Stix, M. Screening effects in the solar convection zone 1-40445
- Stix, M. see Belvedere, G. 1-32694
- Stix, T.H. see Yamada, M. 1-46916
- Stobbs, W.M., Smith, D.J. Observations on the structure of amorphous arsenic by high resolution electron microscopy 1-11676
- Stobbs, W.M. see Donovan, P.E. 1-11677
- Stobbs, W.M. see Greer, A.L. 1-11685
- Stobbs, W.M. see Southwell, P.D. 1-30248
- Stobie, R.S. Analysis of astronomical images using moments 1-36194
- Stobie, R.S. Double-mode Cepheids 1-40502
- Stobie, R.S. see Balona, L.A. 1-36306, 1-40475
- Stobiecki, F., Hoffmann, H., Pamler, W. Quantitative analysis of the oxidation of amorphous Gd-Co-Mo films 1-12281
- Stobiecki, F., Schwarzl, S., Stobiecki, T., Hoffmann, H. Preparation and structure of thin Fe_{1-x}B_x sputter films [and magnetic properties] 1-26386
- Stobiecki, T., Hoffmann, H. The resistivity of the amorphous Fe_{1-x}B_x films 1-30700
- Stobiecki, T. see Stobiecki, F. 1-26386
- Stoch, A., Gorlich, E., Stoch, J. Investigation of the solid solutions in the glassy and polycrystalline state of the systems with the electron spectra investigation of the glasses and devitrificates in the system SiO₂-TiO₂ 1-26369
- Stoch, J. see Pamphuch, R. 1-16932
- Stoch, J. see Stoch, A. 1-26369
- Stoch, Z., Dzielicki, C., Pater, W., Faber, J. Melting of the lead glasses. The influence of a few selected parameters 1-53152
- Stoch, H.-W. Laminary boundary layers on inclined ellipsoids of revolution 1-11367
- Stock, J. Historic instruments: the scientist's heritage 1-49928
- Stock, J., Osborn, W. Radial velocities of faint stars from objective prism plates 1-9379
- Stock, K.D., Grosser, B. Topography and surface melt on planetary gold crystals after purification by a pre-melt in air 1-2781
- Stock, M.J. see Hervey, G.R. 1-48966
- Stock, M.J. see Perkins, M.N. 1-39886
- Stock, M.K., Lanphier, E.H., Anderson, D.F., Anderson, L.C., Pernett, T.M., Rankin, J.H.G. Responses of fetal sheep to simulated non-decompression dives 1-13268
- Stockard, J.J. see Jones, T.A. 1-4291
- Stockbauer, R. see Codling, K. 1-46018
- Stockbauer, R. see Parr, A.C. 1-33519
- Stockbauer, R. see Rosenstock, H.M. 1-24191
- Stockbauer, R.L. see Codling, K. 1-24087
- Stockdale, J.A.D. Fate of electrons with energies less than 100 eV 1-46143
- Stockdale, J.A.D. see Annis, B.K. 1-41463
- Stockel, J.F. see Dunlop, J.D. 1-48824, 1-53572
- Stockner, H., Graebner, G., Maruhn, J.A., Greiner, W. Hot, dense hadronic and quark matter in relativistic nuclear collisions 1-5722
- Stockner, H., Hofmann, J., Buchwald, G., Maruhn, J.A., Greiner, W. Probing the nuclear equation of state in high energy heavy ion collisions 1-50620
- Stockner, H., Hofmann, J., Maruhn, J.A., Greiner, W. Shock waves in nuclear matter—proof by circumstantial evidence 1-14487
- Stockner, H. see Makepeace, C.E. 1-32255
- Stockner, P.J. see Lee, C.P. 1-7731
- Stockham, C.D. see Joseph, P.M. 1-32231
- Stockham, N.R. see Bartle, P.M. 1-53395
- Stockhausen, W. see Alkkofer, O.C. 1-45773
- Stockhausen, W. see Aubert, J.J. 1-5630
- Stockhorst, H. see Bruckner, R. 1-3241
- Stocki, J. see McMillan, D.E. 1-53801
- Stockinger, S., van den Berg, T., Lancy, T.W. Backscattered filter performance in Millstone 1 fuel pool cleanup system 1-50849
- Stockley, D. see Roach, M.R. 1-4315
- Stocklin, G. Chemical and biological effects of β-decay and inner shell ionization in biomolecules: a new approach to radiation biology 1-53830
- Stockman, H.S., Angel, J.R.P., Hier, R.G. Spectropolarimetry of PHL 5200 1-54654
- Stockman, H.S. see Liebert, J. 1-27501
- Stockman, H.S. see Moore, R.L. 1-49842
- Stockman, H.S. see Schmidt, G.D. 1-54553
- Stockman, H.S. see Szokdy, P. 1-49715
- Stockman, S.G. see Moiseiwitsch, B.L. 1-6377
- Stockmann, H.-J., Heitjans, P., Ackermann, H. Internal fields, defects, and motions, studied by nuclear methods 1-31044
- Stockmann, H.-J. see Buttler, W. 1-2528
- Stockmann, H.-J. see Heitjans, P. 1-31054
- Stockmann, M.I. Effect of photon synchronization in intensity interference: new effect and new possibilities 1-19307
- Stocks, G.M. see Callcott, T.A. 1-31239
- Stocks, G.M. see Gyorffy, B.L. 1-25609
- Stocks, G.M. see Pindor, A.J. 1-25623
- Stocks, J. see Beardsmore, C.S. 1-22151
- Stockton, A. The lensy galaxy of the twin QSO 0957+561 1-49849
- Stockton, B.H. see Dearoff, J.W. 1-4578

- Stockton, T.E., Gill, R.B. Semiconductor light sources for fiber optic applications 1-33827
- Stockton, T.E., Gill, R.B., Klein, R. High power CW single longitudinal mode operation in narrow channel double carrier confined (DCC) injection lasers 1-41743
- Stockwell, C.W. see Koozekanani, S.H. 1-9050
- Stoddart, C.T.H. see Hunt, C.P. 1-43237
- Stodiek, W. see Brau, K. 1-19944
- Stodiek, W. see Meserve, E.B. 1-24992
- Stodolsky, L. Neutron weak spin rotation: exotic nuclear physics or a new weak force? 1-14316
- Stodolsky, L. see Chiu, C. 1-115
- Stodolsky, L. see Harris, R.A. 1-10867
- Stoebe, T.G. see Las, W.L. 1-3503
- Stoebe, T.G. see Matthews, R.J. 1-6085
- Stoelckel, P. see Daniel, H. 1-10872, 1-51069
- Stoekienius, W. see Ehrenberg, B. 1-48949
- Stoehr, R. see Bozoki, G. 1-45752
- Stoelinga, J.H.M. see Jongbloets, H.W.H.M. 1-3008
- Stoimenos, J. see Tsiranovits, C. 1-2844
- Stoinescu, S. see Reddan, W. 1-6015
- Stoesz, B. see Bensoussan, M. 1-39218
- Stoewer, H., Capart, J.J., Mica, G., Whitcomb, G. The new approach to the definition of the ESA Technological Research Programme 1-32593
- Stoff, H. Incompressible flow in a labyrinth seal 1-11462
- Stoff, H. see Kohler, M. 1-10590
- Stoffa, P.L. see Herron, T.J. 1-35954
- Stoffel, H. see Haslam, C.G.T. 1-44657
- Stoffel, N.G. see Brillson, L.J. 1-16103, 1-52440
- Stoffel, N.G. see Margaritondo, G. 1-7689, 1-8192, 1-16235, 1-38600
- Stoffl, W. see Lanier, R.G. 1-41110
- Stohr, J., Jaeger, R., Feldhaus, J., Brennan, S., Norman, D., Apai, G. Extended absorption fine structure studies above the carbon, nitrogen, oxygen, and fluorine K absorption edges 1-28915
- Stohr, J., Johansson, L.I., Brennan, S., Hecht, M., Miller, J.N. Surface extended-X-ray-absorption-fine-structure study of oxygen interaction with Al(111) surfaces 1-26306
- Stohr, J. see Brennan, S. 1-16659
- Stohr, J. see Jaeger, R. 1-20562, 1-52421
- Stoiber, R.E., Williams, S.N., Malinconico, L.L. Mount St. Helens, Washington, 1980 volcanic eruption: magmatic gas component during the first 16 days 1-4481
- Stoica, S. see Apostol, M. 1-42707
- Stoicheff, B.P. see Banic, J. 1-24398
- Stoicher, M.J., Radomyski, S.I., Patiota, L.E. Methods of checking the instrumentation for coring by lateral sounding and micrologging 1-27283
- Stoicher, S. Stress-deformation relationships for large human arteries 1-49043
- Stoika, A.D. see Pokotilovskii, Yu.N. 1-37051
- Stoiko, V.P. see Ponomarenko, V.P. 1-16898
- Stojadinovic, A. see Lieberoth, J. 1-23718
- Stojakovic, D.R. see Schramm, C.J. 1-47621
- Stojanoff, C.G. see Daams, H.J. 1-42251
- Stojanovic, B. see Miljanic, P.N. 1-36699
- Stojcev, M., Radenkovic, D. Measurement of the liquid level using ultrasonic techniques 1-230
- Stokar, S. see Pagels, H. 1-33163
- Stokes, A.D. Gas blast arc interruption and low current arc behaviour in SF₆ 1-15688
- Stokes, G.M. see Michalsky, J.J. 1-27532
- Stokes, L.F., Auth, D.C., Tanaka, D., Gray, J.L., Gulacsik, C. Biomedical utility of 1.34 μm Nd:YAG laser radiation 1-53853
- Stokes, V.K. On the proper vectors of real third order matrices 1-27762
- Stoklosa, A. see Danielewski, M. 1-7382
- Stoklosa, A. see Molenda, J. 1-7620
- Stokowski, S.E., Martin, W.E., Yarema, S.M. Optical and lasing properties of fluorophosphate glass 1-1572
- Stokr, J. see Lovy, J. 1-10738
- Stokstad, R.G., Gross, E.E. Analysis of the sub-barrier fusion of ¹⁰O + ¹⁴⁸Sm ¹⁵⁰152 ¹⁵⁴Sm 1-41157
- Stokstad, R.G. see Dayras, R.A. 1-5794
- Stokstad, R.G. see Satchler, G.R. 1-5790
- Stokstad, R.G. see Singh, R. 1-14492
- Stolarski, H. An extremum principle for dynamics of rigid-plastic shells with large displacements 1-6794
- Stolarski, R.S. see Jackman, C.H. 1-44253
- Stolarz, S., Kurzeja, J., Wojtasik, K. Properties of worked sintered silver-cadmiumoxide (10%) materials 1-3781
- Stolen, R.H. Nonlinearity in fiber transmission 1-1119
- Stolen, R.H. see Mollenauer, L.F. 1-1622
- Stolen, R.H. see Wagner, R.E. 1-46558
- Stolevik, R. see Abraham, R.J. 1-29139
- Stolin, V.L. see Burgov, N.A. 1-598
- Stoll, E. see Domb, C. 1-18161
- Stoll, E. see Loveluck, J.M. 1-7796
- Stoll, E. see Schneider, T. 1-23125
- Stoll, H., Wagenblast, G., Preuss, H. On the use of local basis sets for localized molecular orbitals 1-37095
- Stoll, H. see Preuss, H. 1-51101
- Stoll, H. see Schwan, L.O. 1-3258
- Stoll, R.D. Theoretical aspects of sound transmission in sediments 1-11230
- Stolle, M.F. see McGee, M.G. 1-35917
- Stollenwerk, A.H. see Kanellakopoulos, B. 1-47869
- Stoller, C., Morenzi, E., Wolli, W., Meyerhof, W.E., Folkman, F., Vincent, P., Mokler, P.H., Armbruster, P. MO X-Ray angular distributions from 1 GeV ²⁰⁸Pb + ²⁰⁸Pb and ²⁰⁹Bi + ²⁰⁹Bi collisions 1-6354
- Stoller, C. see Anholt, R. 1-6350
- Stollhoff, G., Fulde, P. On the computation of electronic correlation energies within the local approach 1-24046
- Stoloff, N.S., Duquette, D.J., Koburger, C., Johnson, W.A. Creep-fatigue interactions in fibrous eutectic composites 1-31652
- Stoloff, N.S. see Chung, D.W. 1-43516
- Stolov, A.L. see Dubinski, M.A. 1-21248
- Stolov, E.G. Use of wedge interference filters as the dispersive elements of spectral instruments 1-1682
- Stolper, E.M. see McSweeney, H.Y., Jr. 1-4838
- Stolpovskii, V.G. see Belyakov, S.A. 1-9336
- Stolpovskii, V.G. see Kurt, V.G. 1-36129
- Stols, A.L.H. see van Eekelen, C.A.G. 1-17533
- Stolte, C.A. see Amaro, J. 1-38391
- Stolte, S. see Thuis, H.H.W. 1-19160
- Stolte, S. see van den Ende, D. 1-14856
- Stolte, W.J. see Sutton, P.D. 1-21886
- Stoltenberg, J., Vilches, O.E. Heat capacity of O₂ films adsorbed on Grafoil 1-11880
- Stoltenberg, J. see Stephens, P.W. 1-25565
- Stolterfoht, N. Model calculations for the impact parameter dependence of the K-vacancy transfer in slow ion-atom collisions 1-6346
- Stolterfoht, N. see Garcia, J.D. 1-16643
- Stolterfoht, N. see Reed, K.J. 1-1351
- Stolterfoht, N. see Rudd, M.E. 1-10829
- Stoltz, J.F. see Guillot, M. 1-35920
- Stoltz, J.F. see Leterrier, F. 1-39956
- Stoltzmann, D.E. see Hatch, M.R. 1-10039
- Stoltzmann, D.E. see Onifroy, J.R. 1-48858
- Stoltz, N.A., Bakker, H., van Gend, M. Monte Carlo computations on long- and short-range order in ordering binary alloys with vacancies 1-2427
- Stoltz, N.A., Van Gend, M., Bakker, H. Self-diffusion in the intermetallic compound CoGa 1-38578
- Stoltz, N.A. see Bakker, H. 1-52343
- Stolyarchuk, P.G. see Kislyi, P.S. 1-5318
- Stolyarov, A.A. see Buchinski, Ya.V. 1-18247
- Stolyarova, L.A. see Bogdanovich, A.E. 1-46694
- Stolyarova, M.A. see Ivanutin, L.A. 1-38315
- Stolyarova, S.V., Simanovskii, A.A., Elovikov, S.S., Upit, G.P. Diffusional mass transfer in the system: vacuum condensed silver-thallium bromide-iodide 1-16105
- Stolyarova, V.L. see Shul'ts, M.M. 1-42552
- Stolz, H., von der Osten, W. Resonant Raman scattering at the exciton-polariton in TiBr 1-52936
- Stolz, H.J., Abstreiter, G. Surface band bending on clean and oxidized (110)-GaAs studied by Raman spectroscopy 1-38829
- Stolz, H.J., Abstreiter, G. Raman-, LEED- and Auger spectroscopy of clean and oxidized (110)-GaAs-surfaces 1-52624
- Stolz, S. see Oelhafen, P. 1-48238
- Stolz, S. see Plüger, P. 1-48291
- Stolz, W. Time- and cost-saving method for the preparation of stereoscopic pairs of SEM micrographs 1-53384
- Stolz, W. see Kny, E. 1-8311
- Stolze, J., Brandt, U. Upper bounds on the free energy of random spin systems 1-42971
- Stolzenberg, S.J., Torbit, C.A., Pryor, G.T., Edmonds, P.D. Toxicity of ultrasound in mice: neonatal studies 1-13286
- Stolzis, L. see Matthis, P. 1-26890
- Stommel, H. How the ratio of meridional flux of fresh-water to flux of heat fixes the latitude where low salinity intermediate water sinks 1-54138
- Stommel, H., Veronis, G. Barotropic response to cooling 1-27177
- Stone, A.J. A new approach to bonding in transition metal clusters-theory 1-37378
- Stone, A.J., Wood, C.P. Root-Rational-Fraction Package for exact calculation of vector-coupling coefficients 1-28945
- Stone, A.M. Geothermal energy—an overview 1-26815
- Stone, C.A. see Carter, C.H., Jr. 1-12948
- Stone, D. see Jory, H. 1-42188
- Stone, E.C. see Bieber, J.W. 1-36111
- Stone, E.C. see Miewald, R.A. 1-54439
- Stone, F.S. see Garrone, E. 1-21227
- Stone, F.T. Spectral dependence of ultraviolet-induced loss in coated and bare multimode germanium-phosphosilicate fibers 1-29400
- Stone, F.T., Tariyal, B.K. Loss reduction in optical fibers 1-29392
- Stone, G.F., Maxwell, R.B., Hufham, J.W. Radiological emergency planning in TVA—Effects from Three Mile Island 1-18920
- Stone, J., Burrus, C.A. Reduction of the 1.38-μm water peak in optical fibers by deuterium-hydrogen exchange 1-15291
- Stone, J., Thiele, E., Goodman, M.F., Stephenson, J.C., King, D.S. Collisional effects in the multiphoton dissociation of CF₂CFCl₁ 1-1292
- Stone, J. see Damen, T.C. 1-51529
- Stone, J. see Morgan, T.J. 1-1322
- Stone, J. see Thiele, E. 1-29056
- Stone, J.A. Voloxidation studies with UO₂ reactor fuels 1-18851
- Stone, J.A. see Bohme, D.K. 1-53408
- Stone, J.A. see Cadieux, J.R. 1-18852
- Stone, M. see McKane, A.J. 1-52458
- Stone, M.L. see Fordyce, K. 1-35080
- Stone, N.H. see Samir, U. 1-40204
- Stone, N.H. see Allsop, A.L. 1-34952
- Stone, P.H., Miller, D.A. Empirical relations between seasonal changes in meridional temperature gradients and meridional fluxes of heat 1-49335
- Stone, P.T., Clarke, A.M., Slater, A.I. The effect of task contrast on visual performance and visual fatigue at a constant illuminance 1-35781
- Stone, R. see Bebek, C. 1-33191
- Stone, R. see Braga, R.A. 1-18536
- Stone, R. see Chadwick, K. 1-33192
- Stone, R.G. Hectometer and kilometer solar observations 1-4897
- Stone, R.G. see Lin, R.P. 1-4887
- Stone, S. see Bebek, C. 1-33191
- Stone, S. see Chadwick, K. 1-33192
- Stone, S. see Haber, B. 1-14433
- Stone, T.W. see Perkins, M.N. 1-39886
- Stone, W.R. Holographic reconstruction is usually a poor solution to the inverse scattering problem. A comparison between the Bojarski exact inverse scattering theory and holography as applied to the holographic radio camera 1-51413
- Stoneham, A.M. Recombination-enhanced processes in solar cell degradation 1-13139
- Stoneham, A.M. see Harding, J.H. 1-2649
- Stoneham, A.M. see Hyland, G.J. 1-34485
- Stoneham, A.M. see Itoh, N. 1-12567
- Stoner, R. see Connolly, D. 1-39320
- Stoner, R. see Falk, M. 1-38255
- Stonestrom, J.P. A framework for spectral artifact corrections in X-ray CT 1-53870
- Stonik, O.G. see Kovalev, A.A. 1-35127, 1-35131
- Stooksberry, R. see Strachan, J.D. 1-45729
- Stoops, G. see Eswaran, H. 1-49270
- Stoquet, J.P., Amokrane, A., Beaumeville, H., Oberlin, J.C. An improved method for the shape analysis of backscattering spectra 1-28831
- Storakers, B. see Hill, R. 1-11323
- Storbeck, F., Heyn, T., Auleyter, J., Jasiolek, G. The influence of the dislocation density on the sulphur segregation at the Ni(110) surface in the course of heating 1-20524
- Storbeck, F. see Berndt, K. 1-3538
- Storbeck, F. see Fehrmann, U. 1-20525
- Storck, A., Coueret, F. Mass transfer between a flowing liquid and a wall or an immersed surface in fixed and fluidized beds 1-19795
- Storey, J.W.V. see Watson, D.M. 1-9629, 1-22893
- Storey, P.J. see Nussbaumer, H. 1-4756
- Storey, R.S. see Dixon, W.R. 1-637
- Stori, H. see Kuen, I. 1-51290
- Storizhko, V.E. see Antuf'ev, Yu.P. 1-3532
- Storizhko, V.E. see Fedorets, I.D. 1-642, 1-699
- Storizhko, V.E. see Kogan, V.S. 1-47417
- Storm, H. The specification of lasers for broadband linear transmission systems 1-19339
- Storm, H. Noise and distortion in a V-groove laser 1-19344
- Storm Van Leeuwen, W. see Wienke, G.H. 1-27012
- Stormberg, H.-P. see Schafer, R. 1-42249
- Stormont, J.W., Pelton, H.K. Partial enclosure—effective control of punch press noise 1-41922
- Stormer, H.L. Modulation doping of semiconductor superlattices and interfaces 1-52155
- Stormer, H.L., Tsang, W.T. Two-dimensional hole gas at a semiconductor heterojunction interface 1-16354
- Stormer, H.L. see Dingle, R. 1-12186
- Stormer, H.L. see Pinczuk, A. 1-17719, 1-12516, 1-16355, 1-52960
- Stormer, H.L. see Tsui, D.C. 1-7724
- Storms, C.D. Coatings smooth the way for thermo-plastic foam parts 1-39491
- Storms, H.A. see Wang, K.L. 1-30576
- Storms, H.A. see Benninghoven, A. (editor) 1-27666
- Storonkin, B.A. Orientation relaxation in the case of strong induced dipole interaction with an external field 1-14071
- Storozhenko, A.G. An automatic recorder for acoustic emission of pulses from rocks 1-27281
- Storozhev, V.I. see Kosmodamians'kii, O.S. 1-37827
- Storozhev, V.V. see Aleksandrov, I.V. 1-1713
- Storp, S., Berresheim, K., Wilmers, M. XPS-ISS analysis of Al/Ni alloys 1-7443
- Storp, S. see Holm, R. 1-20534
- Storr, K.M. see Adamovich, M.I. 1-45317

- Storr, K.M. see Aston, D. 1-14399, 1-45297, 1-50442
- Storr, K.M. see Fiorino, A. 1-50583
- Storrer, J. see Bassler, U. 1-17370
- Storti, G.M. see Johnson, S.M. 1-43779
- Storton, J.M. see Colbert, E.K. 1-28688
- Storton, J.M. see Smith, L.A. 1-21422
- Story, H.S. see Raffaele, R.A. 1-31042
- Storz, F.G. see Cheng, J. 1-25155
- Storz, H. Remarks on instrumental problems in fluorescence microscopy with special reference to immunofluorescence 1-33051
- Storzer, D. see Pellas, P. 1-36233
- Stossel, T.P. see Zaner, K.S. 1-51885
- Storier, L.P. see Bolton, C.J. 1-35394
- Stotter, P.H. Small-angle X-ray scattering due to sample shape 1-7040
- Stothers, R. Axial rotation, tangled magnetic fields, and theoretical models of very massive stars 1-44536
- Stothers, R., Chao-Wen Chin Influence of a stellar wind on the evolution of a star of $30 M_{\odot}$ 1-22772
- Stotskaya, S.N. see Belyaeva, G.I. 1-8484
- Stotskii, A.A. see Dravskikh, A.F. 1-9384
- Stotskii, A.A. see Korol'kov, D.V. 1-9366
- Stott, G.F. see Budden, K.G. 1-24976
- Stott, M.J., Zaremba, E. Quasistates: An approach to atoms in nonuniform electronic systems 1-7558
- Stottlemire, J.A., Cooley, C.H. Temperature-induced permeability alterations in unconsolidated and consolidated aquifer media 1-53691
- Stotzel, E. see Seifert, H.J. 1-48723
- Stotzel, H., Leimer, F., Kuske, J., Teubner, W. Electrical properties of chemically modified amorphous GeSe films 1-34713
- Stotzel, H. see Petrova, V. 1-26293
- Stout, R. see Harff, J. 1-40218
- Stout, E.W. see Muehlechner, G. 1-8982
- Stout, R.P. see Hayes, J.M. 1-16259
- Stoutemeyer, D.R. Computer symbolic math in physics education 1-40612
- Stover, C.W., Reager, B.G., Wetmiller, R.J. Intensities and isoseismal map for the St. Elias earthquake of February 28, 1979 1-49221
- Stover, R.J., Hesser, J.E., Lasker, B.M., Nather, R.E., Robinson, E.L. Period stability of the pulsating white dwarf R 548 (= ZZ CETI) 1-22794
- Stover, R.J., Robinson, E.L., Nather, R.E., Montemayor, T.J. Time resolved spectroscopy of cataclysmic variables: SS Cygni 1-17844
- Stow, C.D., Hadfield, M.G. An experimental investigation of fluid flow resulting from the impact of a water drop with an unyielding dry surface 1-24856
- Stowers, I.F. see Bradley, L.P. 1-25112
- Stoy, B. World-wide interest in solar energy 1-39740
- Stoy, B. see Feustel, J.E. 1-4159
- Stoy, S. see Niemann, R.C. 1-48882
- Stoy, S. see Rode, C. 1-45769
- Stoyanov, Ch. see Vdovin, A.I. 1-602
- Stoyanov, D.T. see Aneva, B.L. 1-33092
- Stoyanov, P.A., Anasikin, I.F. Transmission scanning electron microscopes 1-36774
- Stoyanov, P.A., Renskii, I.S., Moseev, V.V., Chalbashaeva, L.A., Vedenev, A.E. Multistage gun in an electron microscope 1-45080
- Stoyanov, S. see Nikolov, P. 1-51238
- Stoyanova, D.A. see Antipov, Yu.M. 1-5663, 1-45376
- Stoyanova, E.N. see Levitin, V.V. 1-39343
- Stoyanova, N.N., Stamenova, L.B. Cyan-free electrolytes for cadmium plating 1-53430
- Stoyanova, S.A. see Albul, V.I. 1-23993
- Stoyantsova, Z.P. see Menshchikova, T.K. 1-43289
- Stozhkov, Yu.I. see Krainev, M.B. 1-36145
- Straatman, J.T.H., van Wieringen, J.S., Venis, J. A low-concentration collector for hot water production 1-35706
- Strach, S.J. see Couture, C. 1-21056
- Strachan, J. see Meservey, E.B. 1-24992
- Strachan, J. see Owens, D.K. 1-25073
- Strachan, J.D., Colestock, P.L., Davis, S.L., Eames, D., Effingham, P.C., Eubank, H.P., Goldston, R.J., Grisham, L.R., Hawryluk, R.J., Hosea, J.C., Hovey, J., Jassby, D.L., Johnson, D.W., Mirin, A.A., Schilling, G., Stooksberry, R., Stewart, L.D., Towner, H.H. Fusion neutron production during deuterium neutral-beam injection into the PLT Tokamak 1-45729
- Strachan, J.D. see Barnes, C.W. 1-34106
- Strachan, J.D. see Chrien, R.E. 1-41276, 1-46917
- Strachman, Z. see Saudraix, J. 1-5666
- Stradling, R.A. Low temperature photo- and magneto-transport involving impurity-phonon resonances in semiconductors 1-30788
- Stradling, R.A. see Fung, S. 1-47699
- Stradling, R.A. see Nicholas, J. 1-48054
- Stradling, R.A. see Nicholas, R.J. 1-3010, 1-12196
- Stradling, R.S. see Bohme, D.K. 1-53408
- Stradner, H. see Fidecaro, G. 1-591
- Stradomskii, M.V., Maksimov, E.A., Malyarov, V.S. Experimental determination of emission properties of flames in cyclic work process 1-4095
- Strafella, F. Absolute spectrophotometry of V1016 Cygni: O I(8446 Å) line 1-54502
- Strable, J. see Bevan, D.J.M. 1-7139
- Strain, R.V., Gross, K.C. Analysis of delayed-neutron signals from a flow blockage simulation test in EBR-II 1-50827
- Strain, R.V. see Gross, K.C. 1-5903, 1-45694
- Straitz, J. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Straitz, J. see Dorfan, J.M. 1-41020
- Straitz, J. see Himel, T.M. 1-18482
- Straitz, J. see Scharre, D.L. 1-18485, 1-45292
- Stratjys, V. From multicolor photometric indices to the HR diagram 1-22790
- Straizys, V. see Grossmann, M. 1-17792
- Sraka, W.C. see Jones, E.M. 1-49783
- Sraker, E. see Pickard, P.S. 1-10488
- Strakhov, V.N. Theory of the plane inverse problem of gravimetry for a contact surface 1-5103
- Strakhov, V.N. On an approach to the construction of parameterizations in inverse problems of gravimetry 1-22186
- Strakhov, V.P. see Eliseev, P.G. 1-5273
- Strakhovenko, V.M. see Katkov, V.M. 1-10116
- Strakovskaya, S.E., Stanchits, S.A., Korabiev, V.V. Ellipsometry of adsorption of Cs and Cs+O on epitaxial films of GaAs(111)B 1-30547
- Stralen, S.J.D. Van see Van Stralen, S.J.D.
- Straley, J.P. Exponent theory of the Hall effect and conductivity anisotropy near the percolation threshold 1-2931
- Straley, J.P. see Blackman, J.A. 1-42965
- Strampp, W. The Vlasov equation for an electron gas in a magnetic field 1-40709
- Strand, D. Optical recording with amorphous materials 1-46476
- Strand, E.M., Smith, L.R., Turner, M.E., Jr., Mantle, J.A. A simple stable linear discriminant model for PVC classification 1-32282
- Strand, J.B. see Holder, N.D. 1-41223
- Strand, R. see LeBritton, J. 1-45299
- Strand, R.C. see Youngquist, R. 1-5650
- Strand, T.C. see Chavel, P. 1-41601
- Strand, T.C. see Mantock, J. 1-27307
- Strand, T.C. see Soffer, B.H. 1-24478
- Strandness, D.E., Jr. see Phillips, D.J. 1-8933
- Strang, G. The quasi-Newton method in finite element calculations 1-23014
- Strang, G., Matthies, H. Numerical computations in nonlinear mechanics 1-6795
- Strange, W., Gottfried, T.L. Task variables in the study of vowel perception 1-29475
- Strange, W. see Gottfried, T.L. 1-29476
- Strangeway, R.J. On the instability of a spatially confined electron beam in a magnetized plasma 1-19909
- Strangeways, H.J. Systematic errors in VLF direction-finding of whistler ducts. I 1-32540
- Strangeways, H.J. Systematic errors in VLF direction-finding of whistler ducts. II 1-32541
- Strangeways, H.J. Trapping of whistler-waves through the side of ducts 1-32583
- Stransky, K., Kucera, J. Steady state model of carbon diffusion in steel weldments. II. Analysis of experimental data in an Fe₃C/Fe-Cr-Ni system 1-47282
- Stransky, K. see Kucera, J. 1-2671, 1-30471
- Strapellias, H. see Brodbeck, C. 1-28966
- Strashimirov, D. see Vassilev, A.G. 1-32119
- Strasser, K. Compact high power density fuel cell modular units 1-13116
- Strassler, S. see Beyeler, H.U. 1-11902
- Strassler, S. see Jansen, A.G.M. 1-34774
- Strassler, S. see Pietronero, L. 1-2948, 1-47643
- Strassner, G. see Weber, R. 1-33216
- Straten, P.J.M. van der see van der Straten, P.J.M.
- Strathman, M. see Sadana, D.K. 1-38393
- Strathdee, G.G. see McIntyre, N.S. 1-16931
- Strathmar, M. see Sadana, D.K. 1-15912
- Stratton, T.F. see Jansen, J. 1-33707
- Straty, G.C. (p,V,T) of compressed fluid ethene 1-16015
- Straty, G.C., Diller, D.E. (p,V,T) of saturated and compressed fluid nitrogen 1-30351
- Straty, G.C., Diller, D.E. (p,V,T) of compressed and liquefied (nitrogen+methane) 1-30352
- Straub, G.K. see Holian, B.L. 1-19753
- Straub, J. see Bauer, K. 1-29683
- Straub, R.W. see Jirounek, P. 1-32106
- Straube, E. see Heinrich, G. 1-47151
- Strauch, B. see Volenik, K. 1-31134
- Strauch, K. see Antreasyan, D. 1-10287
- Strauch, K. see Partridge, R. 1-10207, 1-18483
- Strauch, W. see Hurlig, E. 1-40199
- Straughan, B.P. see Lees, A.J. 1-48073
- Straughan, B.W. see Dean, A.B. 1-27982
- Straumann, N. see Schweizer, M. 1-44809
- Straupe, C. see Kovacs, A.J. 1-30102
- Straus, D.M. see Charney, J.G. 1-22402
- Straus, J.M., Schubert, G. Modes of finite-amplitude three-dimensional convection in rectangular boxes of fluid-saturated porous material 1-51771
- Straus, J.M. see Schubert, G. 1-27215
- Straus, J.M. see Schubert, G. 1-9189
- Strauss, A., Heidemann, A., Marangos, J., Wortmann, G. ⁵⁷Fe Mossbauer study of the tantalum-hydrogen system 1-3305
- Strauss, A. see Hirsh, M.N. 1-21344
- Strauss, F.J. see Bird, C.E. 1-12922
- Strauss, G.H. see Wagner, R.J. 1-7941
- Strauss, H. see Megerman, J. 1-17491
- Strauss, H.L. see Rabinovitch, B.S. (editor) 1-9789
- Strauss, H.W. see Nichols, A.B. 1-9013
- Strausser, Y.E. see Musket, R.G. 1-3537
- Strausz, O.P. see Gosavi, R.K. 1-21701
- Strausz, O.P. see Mezey, P.G. 1-13037
- Straver, W.T.M. see Mittemeijer, E.J. 1-26674
- Straw, K. Control of thermal focus shift in plastic-glass lenses 1-51590
- Strayer, M.R. see Sandhya Devi, K.R. 1-45529
- Strayer, M.R. see Werby, M.F. 1-5777
- Strazhev, V.I., Pletyukhov, V.A. Wave equations with multiple representations and a two-potential formulation of electrodynamics 1-19253
- Strazhev, V.I. see Satikov, I.A. 1-23470
- Strazhev, V.I. see Serdyukov, A.I. 1-49956
- Strazzulla, G. see Cerruti-Sola, M. 1-9575
- Strazzulla, G. see Pirronello, V. 1-9355, 1-37145
- Strba, A. see Papaneak, J. 1-19391
- Strebkov, D.S. see Fomin, G.A. 1-31334
- Strebkova, L.V. Experimental work on the state acceptance testing of moisture gauges 1-44875
- Strecker, H. see Raju, I.V.K.B. 1-2640
- Strecker, H.A. see Vigler, M.S. 1-13047
- Strecker, J. Characterisation and measurement of the parameters of single-wave (monomode) glass fibres 1-19460
- Strecker, J. New method for measuring the spot size of single-mode fibers 1-29399
- Streclas, A. see Sourias, D. 1-5531
- Stredulinsky, D.C. see Jones, H.W. 1-1760
- Street, F.A. see Adamson, D.A. 1-17628
- Street, G.B., Clarke, T.C. Conducting polymers: a review of recent work 1-52556
- Street, G.B. see Balanson, R. 1-3689
- Street, G.B. see Clarke, T.C. 1-7598
- Street, R. see Williams, I.S. 1-12288, 1-25708
- Street, R.A. Recombination in a-Si:H: Auger effects and nongeminate recombination 1-48162
- Street, R.A., Knights, J.G. Luminescence in plasma-deposited Si-O alloys 1-21265
- Street, R.A., Williams, R.H., Bauer, R.S. Influence of the surface on photoluminescence from indium phosphide crystals 1-16597
- Street, R.A. see Connell, G.A.N. 1-47441
- Street, R.L. The southern Illinois earthquake of September 27, 1891 1-22238
- Streeter, V.L., Wylie, E.B. Multidimensional fluid transients by lattice work 1-37867
- Streetman, B.G. see Baker, J.E. 1-30268
- Streetman, B.G. see Bhattacharyya, A. 1-39191
- Streetman, B.G. see Chan, S.H. 1-47646
- Streetman, B.G. see Glisson, T.T. 1-16342
- Streetman, B.G. see Kever, M. 1-34778, 1-47736
- Streetman, B.G. see Morkoc, H. 1-3624
- Streetman, B.G. see Sankey, O.F. 1-16252
- Streetman, B.G. see Wolford, D.J. 1-47538
- Streetman, B.G. see Yu, T. 1-3453
- Strege, K.E. see Chandra, P. 1-35106
- Strehlow, R. see Fischbeck, H.J. 1-12036
- Streifer, W., Scifres, D.R., Burnham, R.D. Above-threshold analysis of double-heterostructure diode lasers with laterally tapered active regions 1-37493
- Streifer, W. see Fekete, D. 1-37502
- Streit, G.E., Newton, T.W. Negative ion-uranium hexafluoride charge transfer reactions 1-1356
- Streit, K.-P. see Bourquin, M. 1-10276
- Streit, R.D., Finnie, I. The directional stability of crack propagation 1-46713
- Streit, R.L. Optimization of discrete arrays of arbitrary geometry 1-37711
- Strekalov, M.L. Exponential approximation in the theory of rotational excitation of molecules by atoms 1-41480
- Strekalov, V.N. Interference of electromagnetic waves in a nonlinear medium 1-24451
- Strel'chenko, S.S. see Bogdankevich, O.V. 1-33684
- Strel'chenko, S.S. see Krutogolov, Yu.K. 1-30855
- Strelcyn, J.-M. see Galgani, L. 1-40647
- Strelkov, P.S. see de Haan, P.H. 1-37038
- Strelkova, E.E. see Dago, A.M. 1-20166
- Strel'nikov, V.N. see Bukharov, M.N. 1-49400
- Strel'nitskii, V.E. see Vakula, S.I. 1-3524
- Strel'tsov, A.P. see Anisimov, V.N. 1-33711
- Strel'tsov, I.S. see Abdrakhmanov, E.O. 1-722
- Strel'tsov, V.A. see Akimov, G.Ya. 1-25286, 1-31486
- Strel'tsov, V.A. see Galkin, A.A. 1-34354, 1-34424
- Strel'yuk, M.I., Pavlovets, V.V. The electrodynamic forces acting on a current-carrying circuit in the vicinity of a ferromagnetic cylinder 1-33596
- Streng, K.H. see Laermann, E. 1-5638

- Stretz, L.A., Bordin, L.C., Draper, W.E., Koenig, R.A., Newmyer, J.M. Radioactive waste incineration studies at the Los Alamos Scientific Laboratory 1-23825
- Streuli, F. Electronic musical instruments—the physical and technical principles of sound production. I. Continuation and conclusion 1-29483
- Streussand, B.J. *see* Durig, J.R. 1-28907
- Strezhevn, S.A. *see* Kuindzhi, V.V. 1-41822
- Stricker, K., Carr, J.A., McManus, H. Pionic atoms and low energy elastic scattering 1-14557
- Stricker, K. *see* Germond, J.-F. 1-41138
- Strickert, R.G. *see* Rai, D. 1-41213
- Strickland, J.H., Matty, R.R., Barton, G.H. Vortex shedding from square plates perpendicular to a ground plane 1-1991
- Strickland, R.N. *see* Burke, J.J. 1-40403
- Strickman, M.S., Johnson, W.N., Kurfess, J.D. The hard X-ray pulse profile of GX 1+4 1-9730
- Strickrodt, J. *see* Breuer, V.W. 1-43809
- Strid, K.-G. Significance of quantum fluctuations in roentgen imaging 1-49095
- Strid, K.-G. *see* Currelar, I.M. 1-26322
- Stride, A.A. *see* Neuman, V. 1-41898
- Strieder, W. *see* Fun Gau Ho 1-33984
- Strien, A.J. *van see* van Strien, A.J.
- Strife, J.R., Passoja, D.E. The effect of heat treatment on microstructure and cryogenic fracture properties in 5 Ni and 9 Ni steel 1-8348
- Strigalev, V.E. *see* Dremov, S.S. 1-24497
- Strigazzi, A. *see* Barbero, G. 1-30050
- Strigulin, V.A. *see* Ivanov, A.A. 1-3244
- Srikha, V.I. *see* Buzaneva, E.V. 1-26397
- Srikha, V.I. *see* Korol', A.N. 1-20871
- Srikha, V.I. *see* Yurchenko, N.P. 1-3064
- Strickman, M.I., Frankfurt, L.L. Suppression of low-energy cascades as a result of the wave nature of slow particles 1-10373
- Strickman, M.I., Frankfurt, L.L. Production of cumulative particles in nucleus-nuclear collisions 1-18661
- Strickman, M.I., Frankfurt, L.L. Manifestation of short-range correlations in deep inelastic scattering on deuterons and nuclei 1-36870
- Strickman, M.I. *see* Frankfurt, L.L. 1-18465
- Stritzwerda, J.C. *see* Geer, J.F. 1-19775
- Strimel, R.S. Automated horizontal tensile testing machines for rapid quality control testing 1-35459
- Strimer, P., Gerbaux, X., Hadni, A., Souel, T. Black coatings for infrared and visible, with high electrical resistivity 1-37564
- Strinait, G., Mattausch, H.J., Hanke, W. First-principle calculation of self-energy corrections in covalent crystals 1-47448
- Stringari, S. *see* Christillin, P. 1-5800
- Stringari, S. *see* Lippardini, E. 1-45481
- Stringfellow, B. *see* Chabaud, V. 1-50468
- Stringfellow, B. *see* Chabaud, V. 1-10392
- Stringfellow, B. *see* Gorlich, L. 1-5656
- Stringfellow, G.B. *see* Chattopadhyay, D. 1-47635
- Stringfellow, G.B. *see* Wagner, E.E. 1-30761, 1-48270
- Strittmatter, P.A. *see* Altenhoff, W.J. 1-36421
- Strittmatter, R. *see* Wehring, B.W. 1-50669
- Stritzker, B., Luo, H.L. Superconductivity in Pd-Si(H) alloys 1-7765
- Stritzker, B., Meyer, J.D. Enhanced superconductivity in zirconium after hydrogen (deuterium) implantation 1-20899
- Strizhevskii, S.V. *see* Venger, E.F. 1-2890
- Strizhevskii, V.L. *see* Zhmudskii, A.Z. 1-1632
- Strizhev, V.S. *see* Rubinov, A.N. 1-1562
- Strnad, J. On multidimensional time 1-5096
- Strnad, M., Jakes, D. Ionic thermometers and their application in nuclear thermometry 1-27977
- Strnat, K.J. *see* Abdelnour, Z.A. 1-7893
- Strobach, K. *see* Haessler, H. 1-22260
- Strobel, A. The Torun spectral sky survey 1-22787
- Strobel, A. Spiral structure of our Galaxy 1-49822
- Strobel, A. *see* Krelowski, J. 1-17881
- Strobel, B., Lauger, K., Schilling, D., Bommel, H.E. Nuclear-acoustic-resonance study of the diffusion of hydrogen and deuterium in tantalum 1-30477
- Strobel, D.F., Opal, C.B., Meier, R.R. Photoionization rates in the night-time E- and F-region ionosphere 1-22614
- Strobel, F.A. *see* Chen, T.S. 1-1972, 1-37930
- Strobel, G. *see* Cayrel de Strobel, G.
- Strobel, G.L. Ground states of a few gravitating neutrons 1-33222
- Strobel, G.L., Shealy, D.L. Caustic surface analysis for a gradient-index lens 1-11060
- Strobel, K. *see* Goto, T. 1-11835
- Strobel, M.P., Morin, L., Paquer, D., Pham, C.C. The application of carbon-13 nuclear magnetic resonance in determining the structures of enamines 1-51230
- Strobell, M.E. *see* Batson, R.M. 1-44479
- Strobl, G.R., Schneider, M. Direct evaluation of the electron density correlation function of partially crystalline polymers 1-15814
- Strobl, G.R., Schneider, M.J., Voigt-Martin, I.G. Model of partial crystallization and melting derived from small-angle X-ray scattering and electron microscopic studies on low-density polyethylene 1-15815
- Strobl, G.R. *see* Fischer, E.W. 1-52040
- Strobridge, S. *see* Lomenzo, J. 1-3442
- Strocchi, F. *see* Frohlich, J. 1-18377
- Strod, S.N. *see* Moiseev, B.G. 1-54304
- Stroev, P. *see* Venkataraman, K. 1-32102
- Stroeven, P. Mechanics of microcracking in concrete subjected to fatigue loading 1-43526
- Stroganov, V.I., Illarionov, A.I. Optical system aberration effect on the second harmonic generation 1-24454
- Stroganov, V.I. *see* Illarionov, A.I. 1-6601
- Stroganov, V.I. *see* Kostenko, M.I. 1-40852
- Strohbusch, U. *see* Bock, P. 1-10234
- Strohbusch, U. *see* Lezoch, P. 1-28451
- Strohbusch, U. *see* Nicyporuk, B. 1-33175, 1-50421, 1-50447
- Strohe, H. *see* Bissem, H.H. 1-5766
- Stroher, H. *see* Gunther, W. 1-23636
- Strohl, K.P. *see* O'Caín, C.F. 1-48965
- Strohmaier, B., Uhl, M., Staudt, G., König, H.G. Analysis of evaporation spectra from the reactions $^{64,66,68}\text{Zn}(p,\alpha)$ induced by 15 MeV protons 1-18649
- Strohmaier, E.M. *see* Leubner, C. 1-33610
- Strohmeier, H. *see* Fitze, E. 1-21363
- Strohmeier, W., Graser, B. Equilibrium of homogeneous bulk H_2 transfer reactions with the $\text{Ru}(\text{CF}_3\text{CO}_2)_2\text{CO}[\text{P}(\text{C}_6\text{H}_5)_3]_2$ catalyst 1-21724
- Stroikovskii, A.K., Sazhin, M.V., Dombrovskii, V.P., Ryashchikov, V.I. Selection of a detector of ionizing radiation for speed of response 1-51041
- Stroizhko, V.E. *see* Ustimenkov, K.F. 1-23629
- Strokhach, A.P., Klochok, K.N. Electromagnetic gate valve for pulsed gas inlet to a vacuum system 1-44942
- Strokov, A.M. *see* Pechenkin, V.A. 1-25321
- Strokovskii, E.A. *see* Ablev, V.G. 1-18507
- Strom, D.J., Elwood, W.S. Low-level radioactive waste incineration: licensure, operation, safety, and economics 1-41200
- Strom, R.G. *see* Angerhofer, P.E. 1-54589
- Strom, R.G. *see* Harris, D.E. 1-22905
- Strom, S.S. *see* Martin, J.F. 1-48878
- Strom, U. *see* Taylor, P.C. 1-52862
- Stromatt, S.C. *see* Woodley, W.L. 1-9209
- Stromberg, J.L., McLaughlin, D.K., Trout, T.R. Flow field and acoustic properties of a Mach number 0.9 jet at a low Reynolds number 1-19689
- Stromeyer, C.F., III Color and spatial frequency 1-13244
- Stromeyer, D. On the equivalence of heat production and heat conductivity anomalies in the stationary heat conduction equation 1-40091
- Strominger, A. The $1/N$ expansion 1-40939
- Strominger, A. *see* Jaciwi, R. 1-50320
- Strommen, D.P. *see* Peticalos, W.L. 1-24152
- Strommen, D.P. *see* Rodgers, E.G. 1-50223
- Stromswold, D.C. *see* Piel, W.F., Jr. 1-41037
- Stronach, C.E. *see* Lieb, B.J. 1-5732
- Strong, A.B. *see* Medley, J.B. 1-39471
- Strong, A.E., Pritchard, J.A. Regular monthly mean temperatures of Earth's oceans from satellites 1-22344
- Strong, A.W. *see* Caraveo, P.A. 1-22865
- Strong, A.W. *see* Issa, M.R. 1-9335
- Strong, D.F. *see* Taylor, R.P. 1-44139
- Strong, J.D., Spiro, T.G., Kubaska, R.J., Shupack, S.I. Core-size marker resonance Raman bands of metallo-tetraphenylporphines 1-19101
- Strong, R.D. *see* Starkovich, V.S. 1-50102
- Strongin, M., El-Batanouny, M., Pick, M.A. Structure of Pd overlayers on Nb and Ta and the relationship to hydrogen uptake 1-11980
- Strongin, M. *see* El-Batanouny, M. 1-42839
- Strongin, M. *see* Pick, M.A. 1-2633
- Strongwater, A.M. *see* Draganich, L.F. 1-35899
- Stronski, J.P. *see* Biddick, C.J. 1-18532
- Stroot, J.P. *see* Davidov, V.A. 1-1023
- Strop, M.A., Moreland, M.S. A radiographic method of measuring axial rotation of bone in vivo 1-13366
- Strope, G.L., Cox, C.L., Pimmel, R.L., Clyde, W.A., Jr. Dynamic respiratory mechanics in intact anesthetized hamsters 1-26922
- Strottman, D. *see* Arima, A. 1-14491
- Strottman, D. *see* Kapusta, J.I. 1-50625
- Strottman, D. *see* Oset, E. 1-50662
- Stroud, D. *see* Bergman, D.J. 1-19246
- Stroud, J.R. *see* Chau, H.H. 1-40768
- Stroup, S.L. *see* Ahuja, S.D. 1-9024
- Strovink, M. First results from the Berkeley-Fermilab-Princeton multimoon spectrometer 1-45305
- Strovink, M. *see* Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Stroynowski, R., Blockus, D., Dunwoodie, W., Leith, D.W.G.S., Marshall, M., Woody, C.L., Barnett, B., Chien, C.Y., Fieguth, T., Gilchriese, M., Hutchinson, D., Johnson, W.B., Kunz, P., Lasinski, T., Madansky, L., Meyer, W.T., Pevsner, A., Ratcliff, B., Schacht, P., Scheid, J., Shapiro, S., Williams, S. Observation of a direct low-mass e^+e^- continuum in π^-p interactions at 16 GeV/c 1-18522
- Stroynowski, R. *see* Aston, D. 1-50470
- Strub *see* Armstrong 1-10254
- Strub, A.A., Imarisio, G. (editor) Hydrogen as an Energy Vector. Proceedings of the International Seminar 1-36459
- Strub, R. *see* Bourquin, M. 1-10276
- Strub, R. *see* Di Gennaro, V. 1-5660
- Strube, H.W. Linear prediction on a warped frequency scale 1-11258
- Struben, P. *see* Wismans, J. 1-17427
- Strubini, P. Study of a new method to control precisely the evaporation rate of titanium sublimation pumps 1-5333
- Struble, G.L. *see* Girshick, F. 1-28384
- Struble, G.L. *see* Lanier, R.G. 1-41110
- Struble, M.F. *see* Cohen, J.M. 1-36171
- Struchkov, Yu.T. *see* Aleksandrov, G.G. 1-2420, 1-30217
- Struchkov, Yu.T. *see* Antipin, M.Yu. 1-7157, 1-30222
- Struchkov, Yu.T. *see* Batsanov, A.S. 1-25224
- Struchkov, Yu.T. *see* Bondar', V.I. 1-20179
- Struchkov, Yu.T. *see* Furmanova, N.G. 1-25248, 1-41515
- Struchkov, Yu.T. *see* Kalinin, A.E. 1-30218
- Struchkov, Yu.T. *see* Nefedev, A.V. 1-7147
- Struchkov, Yu.T. *see* Palulin, V.A. 1-29133
- Struck, B.D., Jungner, R., Boltersdorf, D., Dujka, B., Neumeister, H., Triefenbach, D. Development of an electrolytic cell for the anodic oxidation of sulfur dioxide and the cathodic production of hydrogen within the sulfuric acid hybrid thermochemical cycle 1-39840
- Struck, B.D., Jungner, R., Boltersdorf, D., Gehrmann, J. The anodic oxidation of sulfur dioxide in the sulfuric acid hybrid cycle [for H_2 production] 1-17314
- Struck, C.W. *see* Alig, R.C. 1-47131
- Struck, C.W. *see* Bleijenen, K.C. 1-12565
- Struczinski, W. *see* Commichau, V. 1-14761
- Strudel, J.L. *see* Demarkar, S. 1-21548
- Strugach, L.S., Sokolov, A.I., Kuz'menkov, M.I., Pechkovskii, V.V. X-ray study of vitreous metaphosphates of strontium and barium 1-15809
- Strugatskaya, A.A., Hogner, W., Zienier, R. Possibilities of photometric investigation of globular clusters by means of photographic equidensity curves 1-27390
- Struk, L.I. *see* Gurvich, O.S. 1-35401
- Strukov, B.A. *see* Avakyan, L.P. 1-12512
- Strukov, B.A. *see* Smirnov, P.S. 1-8051
- Strukov, V.M. *see* Vigdorovich, V.N. 1-21656
- Strul, B. *see* Lehmann, L. 1-43970
- Strumia, A. Evolution law of a weak discontinuity crossing a non characteristic shock in a non-linear dielectric medium 1-10893
- Strumia, F. *see* Arimondo, E. 1-10991
- Strumia, F. *see* Inguscio, M. 1-1551, 1-19139
- Struminskii, V.V., Skobelev, B.Yu. Nonlinear neutral curve for Poiseuille flow 1-29783
- Struminskii, V.E. *see* Budrin, S.V. 1-37657
- Strumolo, G. *see* Caffisch, R. 1-22039
- Strunin, V.P. *see* Panfilov, V.N. 1-41438
- Strunina, A.G., Ermakov, V.I., Averson, E.A. Limiting conditions of ignition of gaseous systems by a combustion wave 1-13008
- Strunk, H. *see* Bauser, E. 1-34267
- Strunk, H. *see* Raju, I.V.K.B. 1-2640
- Strunnikov, V.M. *see* Alipchenkov, V.M. 1-19949
- Strunov, L.N. *see* Ablev, V.G. 1-18507
- Strunz, M. *see* Wortmann, F.X. 1-37894
- Struczewski, W.G., Kundzewicz, Z. Choice of a linear, three-parametric conceptual flood routing model and evaluation of its parameters 1-49290
- Strusny, H. *see* Hildebrandt, D. 1-26783
- Strusny, H. *see* Hildebrandt, D. 1-42214
- Strutinskii, V.M. *see* Magnier, A.G. 1-33209
- Strutinsky, V.M. Shell structure in fission 1-50690
- Struts, S.G. *see* Krivoshechekov, G.V. 1-6587, 1-33765
- Strutt, P.R. A comparative study of electron beam and laser melting of M2 tool steel 1-3976
- Struwe, D. *see* Frohlich, R. 1-50831
- Struwe, D. *see* Woods, W.J. 1-821
- Strydum, W. *see* Pretorius, R. 1-3958
- Strygyn, V.D., Litmanovich, V.I., Sakharov, B.N., Levin, M.N., Goldfarb, V.A., Synorov, V.F. Thermal oxidation of Si in the presence of lead oxides 1-8451
- Stryland, E.W. *see* Van Stryland, E.W.
- Stryuk, Yu.S. *see* Bulkin, V.S. 1-45514
- Strzalkowski, A. *see* Konnerth, D. 1-18665
- Strzalkowski, A. *see* Skwirzynska, I. 1-10298
- Strzelecki, L. *see* Liebert, L. 1-46992
- Strzelecki, L. *see* Pieranski, P. 1-35579

- Strzondala, V.** Comparison between calculated and experimental impact ionization cross-section of helium atoms 1-15020
- Stuart, A.E.G.** *see* Bowtell, G. 1-79
- Stuart, J.G., Larson, D.J., Ramsey, N.F.** Differential Stark shifts in the hydrogen maser 1-15133
- Stuart, J.T.** Stability and transition: some comments on the problems 1-37882
- Stubb, T.** *see* Isomaki, H. 1-12025
- Stubb, T.** *see* Kaski, K. 1-3350
- Stubb, T.** *see* Krustus, P. 1-12026
- Stubb, T.** *see* Kuivalainen, P. 1-12123
- Stubb, T.** *see* Sinkkonen, J. 1-47890
- Stubbing, D.G., Pengelly, L.D., Morse, J.L.C., Jones, N.L.** Pulmonary mechanics during exercise in normal males 1-22032
- Stubbing, D.G., Pengelly, L.D., Morse, J.L.C., Jones, N.L.** Pulmonary mechanics during exercise in subjects with chronic airflow obstruction 1-22033
- Stubbs, L.C.** *see* Golding, R.M. 1-14937
- Subican, V.S.** *see* Ray, S.P. 1-20156
- Subican, V.S.** *see* Weber, G.W. 1-30475
- Subkjaer, K., Suematsu, Y., Asada, M., Arai, S., Adams, A.R.** Measurements of refractive-index variation with free carrier density and temperature for 1.6 μm GaInAsP/InP lasers 1-19333
- Suechlik, Z.** Equatorial circular orbits and the motion of the shell of dust in the field of a rotating naked singularity 1-9559
- Suchly, M.A., Repacholi, M.H., Lecuyer, D., Mann, R.** Radiation survey of dielectric (RF) heaters in Canada 1-4325
- Suchly, M.A.** *see* Bahl, I.J. 1-26974
- Suchly, S.S.** *see* Bahl, I.J. 1-4354, 1-26974
- Suchly, S.S.** *see* Brady, M.M. 1-53777
- Suchly, S.S.** *see* Forgues, P.M. 1-32229
- Stuck, B.E.** *see* Zwick, H. 1-43900
- Stuckenbergh, H.-J.** *see* Schildt, P. 1-28837
- Stucki, F., Schlapbach, L.** Magnetic properties of LaNi₂, FeTi, Mg₂Ni and their hydrides 1-20957
- Stucki, F., Schlapbach, L., Seiler, A.** Magnetic properties of FeTi and its hydrides 1-34911
- Stucki, F.** *see* Schefer, J. 1-20124
- Stucki, F.** *see* Schlapbach, L. 1-2805
- Stucki, F.** *see* Seiler, A. 1-2784
- Stucki, F.** *see* Schatliel, D. 1-43017
- Stucki, S., Menth, A.** Physico-chemical problems at the generation and storage of chemical secondary carriers 1-35714
- Stucki, S.** *see* Menth, A. 1-43816
- Stucky, G.D.** *see* Morrison, T.I. 1-26726
- Stucky, G.L., Bowman, R.J., Stutzman, M.W., Taylor, L.T.** Ni(II) and Cu(II) complexes of 5-p-R phenyl-1,9-diphenyl-1, 3, 7, 9-nonantetraene 1-21188
- Studart, N., Hipolito, O.** Electrodynamic properties of two-dimensional classical electron systems 1-24942
- Studemann, W.** *see* Bruning, K. 1-54316
- Studenikin, L.M.** *see* Altshtul, G.B. 1-1667
- Studentsov, N.V.** *see* Andrianov, B.A. 1-27262
- Studer, F., Allais, G., Raveau, B.** Europium niobates and tantalates of the quadratungsten bronze type. II. Evaluation of energy levels 1-20624
- Studer, F., Allais, G., Raveau, B.** Europium niobates and tantalates of the quadratungsten bronze type. I. Electrical and magnetic properties 1-20725
- Studier, M.H.** *see* Hayatsu, R. 1-44515
- Studzinski, P., Niklas, J.R., Spaeth, J.M.** ENDOR study of atomic hydrogen on cation sites in KCl doped with Sr²⁺ 1-16503
- Stuebinger, L.R., Udavachak, D.L., Hampton, T.E.** Manufacture of the TF coils for TFTR 1-929
- Stuermer, D.H.** *see* Garvis, D.G. 1-36084
- Stuerzinger, P.** *see* Bejrdorff, A.F. 1-31972
- Suessi, H.** *see* Webb, A.P. 1-24997
- Suetzer, O.M.** *see* Gover, J.E. 1-32982
- Stufkens, J.** *see* Van Dam, H. 1-6315
- Stuglik, Z., Bobrowski, K., Grodkowski, J., Zagorski, A.P.** A polarographic vessel for analysis of stable products and dosimetry in pulse radiolysis experiments 1-17122
- Stuhmiller, J.H.** *see* Wang, S.S. 1-42003
- Stuhrmann, H.B.** Anomalous dispersion of small-angle scattering of horse-spleen ferritin at the iron K absorption edge 1-17338
- Stuirbrink, A., Wagner, G.J., Knopfle, K.T., Liu, K. Pao, Mairle, G., Riedel, H., Schindler, K., Bechtold, V., Friedrich, L.** Spin determination of deeply-bound hole states from d_{pol}⁺He reactions 1-18658
- Stuiver, M.** *see* Broecker, W.S. 1-13463
- Stuiver, M.** *see* Watts, W.A. 1-49391
- Stukalov, V.A.** *see* Alekseev, P.N. 1-10421
- Stukan, R.A.** *see* Nefedev, A.V. 1-7147
- Stuke, J.** *see* Harbeck, G. 1-52449
- Stukov, O.I.** *see* Epaneshnikov, V.D. 1-1046
- Sulga, J.E.** *see* Howson, T.E. 1-12808
- Sulik, D.** *see* Janda, M. 1-31357
- Sulikova, I., Soldatov, V.P., Startsev, V.I.** On the stepwise creep of Cd-Ag single crystals at very low temperatures 1-21526
- Sulikova, I.** *see* Lukac, P. 1-43408
- Stuller, R.L.** SU(2) Yang-Mills Coulomb Green's functions in the presence of a generalized Wu-Yang configuration 1-23432
- Stuller, R.L.** Consistent treatment of the infrared singularities in Coulomb-gauge two-dimensional quantum chromodynamics 1-45224
- Stulov, V.P.** *see* Koval, M.A. 1-33976
- Stultz, T.J., Crowley, J.L., Junga, F.A.** An investigation of the transient ionizing radiation response of diffused resistors using a pulsed laser 1-2506
- Stumbaum, F., Diebschlag, W.** Device for measurement of pressure distribution between men and seating furniture 1-17505
- Stumer, I.** *see* Diakonou, M. 1-10256
- Stumer, I.** *see* Kourkoumelis, C. 1-5665, 1-50474
- Stump, D.A.** *see* Howard, G. 1-27000
- Stump, D.R.** Soluble model of the phase transition of the XY model 1-23430
- Stump, R.** *see* Derrick, M. 1-45261
- Stumpe, E.** *see* Oechsner, H. 1-31293
- Stumpf, B., Becker, K., Schulz, G.** Extension of a basic experiment: the polarisation of the white-light-excited spectrally resolved Na D lines and its relation to electron impact excitation 1-10697
- Stumpf, B.** *see* Becker, K. 1-33488
- Stumpf, E.** *see* Butcher, E.C. 1-40175
- Stumpf, H.** Functional quantum theory of the nonlinear spinor field as a lepton-hadron model with quark-confinement 1-5576
- Stumpf, H.** On the derivation of strong and electro-weak interactions in functional quantum theory of the nonlinear spinor field as a lepton-hadron model with quark-confinement 1-50370
- Stumpff, U.** Experiments in vitro on the removal of brain tumours through mechanical vibrational energy at frequencies between 10 and 40 kHz 1-13295
- Stupak, A.P.** *see* Rubinov, A.N. 1-3464
- Stupak, M.F.** *see* Krivoshechekov, G.V. 1-6587, 1-33765
- Stupakov, G.V.** An automodel solution in the theory of gas dynamic acceleration of ions 1-37023
- Stupakov, G.V.** *see* Breizman, B.N. 1-2257
- Stupar, M.** *see* Muminovic, M. 1-32708
- Stupin, A.B.** *see* Aslanov, P.V. 1-34021
- Stupko, A.I., Smerdov, A.A., Sokolov, S.E.** Apparatus for investigation of the dynamics of liquid absorption in biological tissues 1-49167
- Sturchio, J.L.** *see* Kevles, D.J. 1-22989
- Sturdivant, V.R.** *see* Spiegel, R.J. 1-17696
- Sturdivant, M.D.** *see* Cohen, E. 1-3477
- Sturge, M.E.** *see* Manson, N.B. 1-12481
- Sturgeon, R.D., Berman, S.S., Desaulniers, J.A.H., Myktyuk, A.P., McLaren, J.W., Russell, D.S.** Comparison of methods for the determination of trace elements in seawater 1-21797
- Sturgeon, R.E.** *see* Segar, D.A. 1-21800
- Sturgess, G.J.** Account of film turbulence for predicting film cooling effectiveness in gas turbine combustors. II 1-24767
- Sturm, A.J., Jr., Song, C.C.S.** The effects of submergence on structural response in confined pools 1-1906
- Sturm, B.** Determination of chlorophyll concentration in the sea from Nimbus-7 coastal zone color scanner (CZCS) - Data 1-4662
- Sturm, B.** *see* Hovis, W.A. 1-54282
- Sturm, C.F.** *see* Opella, S.J. 1-8819
- Sturm, K., Oliveira, L.E.** High-frequency dielectric properties of covalent semiconductors within the nearly-free-electron approximation. I. The one-plasmon-band model 1-38735
- Sturm, K.** *see* Oliveira, L.E. 1-47516
- Sturm, K.A.** *see* Quincy, E.A. 1-9281
- Sturm, R.J.** *see* Johnson, N.R. 1-18599
- Sturman, B.I.** *see* Belinicher, V.I. 1-25763
- Sturm, K.** *see* Oliveira, L.E. 1-38736
- Sturziolo, D., Caruthers, G.F., Donohue, J.P., Swartz, H.M., Hemphill, B.T.** Maine Yankee occupational exposure reduction techniques 1-28745
- Sturtevant, J.M.** *see* Bina, M. 1-13223
- Sturzenegger, C., Reinhardt, R.T., Schotzau, H.J.** Quenching properties of an arc in a double flow with a vortex 1-34159
- Stus', N.M.** *see* Matveev, B.A. 1-34269
- Stute, U., Reich, W., Kalberla, P.M.W.** High dynamic range observations in the fields of strong extragalactic radio sources 1-17900
- Stutius, W.** Photoluminescence and heterojunction properties of ZnS_{1-x}Se_x epitaxial layers on GaAs and Ge grown by organometallic CVD 1-48151
- Stutman, D.R.** *see* Panek, R.J. 1-9477
- Stutzman, M.W.** *see* Stucky, G.L. 1-21188
- Stuwe, H.P.** The work necessary to form a ductile fracture surface 1-2559
- Stuwe, H.P.** *see* Grabisanowski, A. 1-3780
- Stuwe, H.P.** *see* Kutschen, R. 1-8400
- Stuwe, H.P.** *see* Pink, E. 1-53243
- Stwalley, W.C., Uang, Y.H., Ferrante, R.F., Webeler, R.W.H.** Theoretical issues concerning the stability of electron spin-polarized hydrogen 1-1079
- Stwalley, W.C.** *see* Hsieh, Y.K. 1-24183
- Stwalley, W.C.** *see* Uang, Y.H. 1-1080
- Stwalley, W.C.** *see* Verma, K.K. 1-46012
- Stwalley, W.C.** *see* Webeler, R.W.H. 1-268
- Stwalley, W.C.** *see* Yang, S.C. 1-24063
- Stwalley, W.C.** *see* Zemke, W.T. 1-29043, 1-46026
- Styllanous, S.A., Rose, J.W.** Dropwise condensation on surfaces having different thermal conductivities 1-37783
- Styles, P.** *see* Cox, S.J. 1-17531
- Styles, P.** *see* Girdler, R.W. 1-13451
- Styles, P.** *see* Gordon, R.E. 1-8956
- Styles, R.C.** *see* Bacter, F.T. 1-28363
- Styles, R.C.** *see* Scott, A. 1-5768
- Stypka, T.** Metrological problems in automatic control of microelements using light diffraction methods 1-23178
- Styrov, V.V.** *see* Nikolaev, I.A. 1-38670
- Stysin, V.F.** *see* Eliseev, P.G. 1-5273
- Su, C.F.** Line strengths for rotational spectrum of asymmetric rotors 1-19210
- Su, C.N., Keiderling, T.A.** Vibrational circular dichroism of methyl deformation modes 1-37184
- Su, C.Y., Lindau, I., Skeath, P.R., Chye, P.W., Spicer, W.E.** Oxygen adsorption on the GaAs (110) surface 1-16173
- Su, C.Y.** *see* Abbati, I. 1-16655
- Su, C.Y.** *see* Braicovich, L. 1-16367
- Su, C.Y.** *see* Lindau, I. 1-8198
- Su, C.Y.** *see* Skeath, P. 1-16172
- Su, C.Y.** *see* Spicer, W.E. 1-16331, 1-52622
- Su, S.** *see* Allen, P.D. 1-28836
- Su, S.F., Orechwa, Y.** Behavior of homogeneous and heterogeneous LMFBRs under protected overpower transients 1-18816
- Su, S.F., Orechwa, Y.** Comparison of space-time and point kinetics calculations for homogeneous and heterogeneous LMFBRs 1-50725
- Su, S.F., Orechwa, Y., Barthold, W.P.** Configuration optimization of high-performance 1000-MW(e) oxide heterogeneous cores 1-18729
- Su, S.S.** Attenuation of intensity with epicentral distance in the Philippines 1-32360
- Su, S.-Y.** *see* Konradi, A. 1-17742
- Su, W.M.** *see* Singh, J.P. 1-39427
- Su, W.P.** Existence of neutral kinks in polyacetylene 1-6415
- Su, W.P., Schrieffer, J.R.** Soliton dynamics in polyacetylene 1-52251
- Su, W.P., Schrieffer, J.R.** Fractionally charged excitations in charge-density-wave systems with commensurability 3 1-52507
- Su, W.P., Schrieffer, J.R., Heeger, A.J.** Soliton excitations in polyacetylene 1-1424
- Su Chun Fu** *see* Chun Fu Su
- Su Dong Hong** *see* Gupta, A. 1-36654
- Su Hai-zheng** *see* Yang Tian-long 1-51615
- Su Peng-sheng** *see* Wang Cheng-xu 1-48789
- Su Qing-rui** Flare build-up in preflare low-lying loops and nonlinear force-free magnetic field 1-40451
- Su Ru-keng, GU** Guo-qing Quark confining string with scalar field. I. General formalism 1-23472
- Su Ru-keng, Hu Si-zhu** Quark confining string with scalar field. II. ψ particle spectrum 1-28270
- Su Ru-keng** *see* Ni Guang-jion 1-23471
- Su Ru-keng** *see* Yin Peng-cheng 1-23406
- Su Xian-ying** *see* Liu Shi-jie 1-22499
- Su Zhao-Bin** *see* Zhou Guang-Zhao 1-159, 1-50039
- Su Zhao-bin** *see* Zhao-bin Su
- Su-Juan Ye** *see* Ye Su-Juan
- Su-Ying Chen** *see* Chen Su-Qing
- Su-yun Wang** *see* Wang Su-yun
- Suard, M.** *see* Montabonel, M.-C. 1-1085
- Suarez, G., Molnar, P.** Paleomagnetic data and pelagic sediment facies and the motion of the Pacific plate relative to the spin axis since the Late Cretaceous 1-22212
- Sub Byun Bok** *see* Bok Sub Byun
- Subach, J.** *see* Engvall, J. 1-35739
- Subashiev, A.V.** Drag force experienced by mobile electron-hole droplets due to the Cherenkov emission of transverse acoustic waves 1-2884
- Subashiev, A.V.** *see* Ipatova, I.P. 1-30121
- Subashiev, V.K.** *see* Areshiev, I.P. 1-26158, 1-26165, 1-28075
- Subba Rao, G.V.** *see* Ramasamy, S. 1-31226
- Subba Rao, G.V.** *see* Subramanian, M.A. 1-20782
- Subba Rao, G.V.** *see* Umarji, A.M. 1-42884
- Subba Rao, K.** *see* Basu, T.K. 1-5774
- Subba Rao, K.V., Kamal, A.A.** Use of harmonic oscillator potential in the analysis of muonic transition energies 1-6411
- Subba Rao, U.V., Hari Babu, V.** Microhardness studies in KBr-KI mixed crystals 1-47161
- Subba Rao, V.** *see* Ramamohana Rao, P. 1-51276
- Subba Rao, V.** *see* Ramasamy, C. 1-17626
- Subbarao, B.S.** *see* Deshpande, M.R. 1-54309
- Subbarao, E.C.** *see* Mehra, M. 1-11682
- Subbarao, E.C.** *see* Velu, E.M.T. 1-8272, 1-26427

- Subbaratnam, N.R. *see* Venuvalingam, P. 1-46115
- Subbaswamy, K.R., Trullinger, E.S. Instability of nonoptical solitons of coupled scalar field theories in two dimensions 1-5499
- Subbotenko, E.V. *see* Borisevich, N.A. 1-51216
- Subbotin, L.K. *see* Basov, N.G. 1-6597
- Subbotin, S.I. *see* Allakhverdiev, K.R. 1-8073
- Subbotin, S.I. *see* Vinogradov, E.A. 1-3417, 1-8062
- Subbotin, V.I., Mitenkov, F.M., Borishanskii, V.M., Budov, V.M., Golovko, V.F., Gotovskii, M.A., Efanov, A.D., Kolmakov, A.P., Mizonov, N.V., Ushakov, P.A., Firsova, E.V., Yur'ev, Yu.S. Thermal-hydraulic calculations of heat exchangers with nonuniform coolant flow in bundle 1-28529
- Subbotin, V.N. *see* Shamov, A.I. 1-32560
- Subbotina, M.I. *see* Novikova, O.A. 1-26646
- Subhadra, K.G., Sirdeshmukh, D.B. Debye-Waller factors and Debye temperature of EuSe 1-47203
- Subhadra, K.G. *see* Rao, B.K. 1-38558
- Subhihi, A.S. *see* Eiesin, V.F. 1-25839
- Subotic, B., Skritic, D., Smit, I., Sekovanic, L. Transformation of zeolite A into hydroxysodalite. I. An approach to the mechanism of transformation and its experimental evaluation 1-3728
- Subotowicz, M. *see* Jalachowski, M. 1-7194
- Subrahmanya, C.R. Image reconstruction methods in radio astronomy 1-32628
- Subrahmanyam, C., Verma, R.K. The nature of free-air Bourguier and isotactic anomalies in Southern Peninsular India 1-32432
- Subrahmanyam, S.V. *see* Murthy, N.M. 1-20041
- Subramaniam, B. Temperature dependence of Debye temperature of KCl-KBr mixed system 1-47200
- Subramaniam, B., Bansigir, K.G. Dislocation density and microhardness studies in KCl-KBr mixed crystals 1-31594
- Subramaniam, K. *see* Ramani, K. 1-12412
- Subramanian, G., Mathew, T.V. On a method of collocation by derivatives 1-11344
- Subramanian, K., Nageswar, S. The effect of sulphamide on the electrodeposition of copper onto a single crystal Cu(100) plane and a polycrystalline copper substrate 1-43283
- Subramanian, K., Nageswar, S. The effect of sulphamide on the electrocrystallization of copper on a single-crystal Cu(110) plane 1-48283
- Subramanian, K., Natarajan, S., Parthasarathy, S. A simple attachment to the Weissenberg camera for aligning largely mis-set crystals 1-29969
- Subramanian, K.S. Determination of tin in geological materials by AA 1-53502
- Subramanian, M.A., Aravamudan, G., Subba Rao, G.V. Electrical properties of $\text{Ln}_2\text{Mo}_2\text{O}_7$ pyrochlores ($\text{Ln} = \text{Sm}-\text{Yb}$, Y) 1-20782
- Subramanian, N.R. *see* Chakrabarti, S.K. 1-46771
- Subramanian, R. Shankar *see* Shankar Subramanian, R.
- Subramanian, R.V. *see* Jakubowski, J.J. 1-8447
- Subramanian, S. *see* Bhonsle, B.R. 1-11336
- Subramanian, T.S., Romero, J.L., Brady, F.P. An experimental facility for measurement of charged particle continua arising from neutron induced reactions 1-983
- Subramanian, V., Saxena, K.K. Chemistry of monsoon rain water at Delhi 1-54225
- Subramanian, V. *see* Wall, T.F. 1-24858
- Subramanyam, J. *see* Velu, E.M.T. 1-26427
- Subramanyam, K.M., Swedan, S.A. The electrical conductivity in certain nickel ferrites 1-20736
- Subramanyam, S. *see* Ronchi, V. 1-18291
- Subramanyam, S.V., Arunachalam, S., Jacob, S., Srinivasan, R. Performance characteristics of multilayer insulation systems between 77 and 300 K 1-5326
- Subramanyam, S.V. *see* Bandyopadhyay, A.K. 1-12101
- Subramonia Iyer, R., Rowland, F.S. A significant upper limit for the rate of formation of OCS from the reaction of OH with CS_2 1-22399
- Subtil, J.L. *see* Laporte, P. 1-30642
- Succi, G.P. *see* Farassat, F. 1-11243
- Sucha, V. *see* Zurkova, L. 1-26729
- Suchanek, R. *see* Chelkowski, S. 1-23010
- Suchanek, R. *see* Baker, F.T. 1-28363
- Suchkov, A.A. The metallicity of F and G dwarfs and the problem of star formation 1-17841
- Suchkov, A.A. *see* Pavlovskaya, E.D. 1-13860
- Suchkov, A.F. *see* Baev, V.M. 1-1563, 1-5412
- Suchkov, A.I. *see* Kovalev, I.D. 1-24945
- Suchkov, D.A. *see* Bayukov, Yu.D. 1-36933
- Suchkov, S.G. *see* Lazerson, A.G. 1-11238
- Suchkov, V.A. *see* Gruzinskii, V.V. 1-1560
- Suchomel, J., Bazso, Z. Core temperature transients in reactor VVER-440 during main circulation pumps coast-down 1-5898
- Suchy, J. *see* Jura, S. 1-16765
- Suck, J.B. *see* Eder, O.J. 1-30036
- Suck, J.B. *see* Egelstaff, P.A. 1-30035
- Suck, J.B. *see* Soltwisch, M. 1-25146
- Suck, J.-B., Rudin, H., Guntherodt, H.-J., Tomanek, D., Beck, H., Morkel, C., Glaser, W. Frequency distribution and dynamical structure factor of a metallic glass 1-30341
- Suck, J.-B. *see* Soderstrom, O. 1-30037
- Suck, S.H. A DWBA study of angular distributions for the state-to-state reactive scattering process of $\text{F} + \text{H}_2 \rightarrow \text{HF} + \text{H}$ 1-35509
- Sucker, C. *see* Steinbach, H. 1-53461
- Suckewer, S., Cecchi, J., Cohen, S., Fonck, R., Hinnov, E. Tracer element injection into PDX Tokamak for spectral line identification and localized Doppler temperature measurement 1-34119
- Suckewer, S., Fonck, R., Hinnov, E. Comment on the magnetic dipole lines of highly ionized titanium 1-15027
- Suckewer, S. *see* Hinnov, E. 1-11567
- Suckewer, S. *see* Meservy, E.B. 1-24992
- Suckewer, S. *see* Owens, D.K. 1-25073
- Suckling, P.W. The energy balance microclimate of a suburban lawn 1-22422
- Suda, H., Chida, K., Nakahara, M. Transmission loss in low grade SiCl_4 VAD fibres 1-6664
- Suda, H., Watanabe, T., Misaki, Y., Tanabe, Y. Amorphous like Ni-B alloy prepared by electrodeless plating method using dimethylamine borane as reducing agent 1-43295
- Suda, H., Watanabe, T., Misaki, Y., Tanabe, Y. Crystallization process and magnetic property of amorphous-like Ni-B alloy films deposited by electrodeless plating method using DMAB as reducing agent 1-47006
- Suda, H. *see* Shibata, N. 1-41845
- Suda, M. *see* Eder, O.J. 1-30036
- Suda, M. *see* Kamelander, G. 1-33338
- Suda, P., Zumsteg, A.E., Zingg, W. Anisotropy of etching rate for quartz in ammonium bifluoride 1-16937
- Suda, S., Kobayashi, N., Yoshida, K. Reaction kinetics of metal hydrides and their mixtures 1-4070
- Suda, S., Kobayashk, N., Yoshida, K., Ishido, Y., Ono, S. Experimental measurements of thermal conductivity 1-20698
- Suda, S. *see* Keisch, B. 1-14114
- Suda, T. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Suda, T. *see* Kurita, S. 1-8717
- Suda, T. *see* O'Neill, L.H., Jr. 1-50443
- Suda, Y. *see* Asano, K. 1-52625
- Suda, Y. *see* Ebina, A. 1-16925
- Sudakov, A.V. *see* Andreev, P.A. 1-28568
- Sudakov, S.A. *see* Bocharov, E.P. 1-18337
- Sudakov, S.V. *see* Polyakova, T.A. 1-54523
- Sudan, R.N. *see* Dreike, P.L. 1-42198
- Sudarkin, A.N. *see* Zel'dovich, B.Ya. 1-29321
- Sudarshan, E.C.G. Geometry of wave electromagnetics 1-41562
- Sudarshan, E.C.G. *see* Mukunda, N. 1-162
- Sudarshan, E.C.G. *see* Pasupathy, J. 1-14313
- Sudarshan, T.S. *see* Murali, J. 1-16873
- Sudarshan, T.S. *see* Thompson, J.E. 1-25117
- Suddeth, D.E., Volk, G.J. Rapid Cycling Synchrotron (RCS) single stage kicker magnet 1-28762
- Sudlow, M.F. *see* Douglas, N.J. 1-13331
- Sudmeier, J.L., Evelhoch, J.L., Jonsson, N.B.-H. Dependence of NMR lineshape analysis upon chemical rates and mechanisms: implications for enzyme histidine titrations 1-19220
- Sudo, K. *see* Takahashi, M. 1-23226
- Sudo, S., Edahiro, T., Kawachi, M. Sintering process of porous preforms made by a VAD method for optical fiber fabrication 1-26402
- Sudo, S., Kawachi, M., Edahiro, T., Inagaki, N. OH-ion reduction and consolidation techniques in the VAD method [optical fibres] 1-41894
- Sudo, S. *see* Chida, K. 1-41895
- Sudo, S. *see* Edahiro, T. 1-6695, 1-24539
- Sudo, S. *see* Murakami, Y. 1-41883
- Sudo, Y. Film boiling heat transfer during reflow phase in postulated PWR loss-of-coolant accident 1-28621
- Sudoh, G. *see* Maruta, T. 1-26798
- Sudovtsov, A.I. *see* Kuz'menko, V.M. 1-12097
- Sudupe, A.M. *see* Alvarez-Estrada, R.F. 1-28203
- Sue, J.J. *see* Verhoeven, J.D. 1-48294
- Suefui, Y. *see* Kamito, K. 1-19798
- Suehiro, K. *see* Azuma, Y. 1-12705
- Suehiro, S. *see* Kyu, T. 1-3835, 1-31124
- Suehiro, T. *see* Ohnuma, H. 1-18635
- Suematsu, H., Suzuki, M., Ikeda, H., Endoh, Y. Phase transitions in the graphite intercalation compound C_2Rh 1-38534
- Suematsu, H. *see* Koike, Y. 1-7792
- Suematsu, Y. *see* Adams, A.R. 1-11004
- Suematsu, Y. *see* Arai, S. 1-11021
- Suematsu, Y. *see* Kitajima, H. 1-12591, 1-43198, 1-43199
- Suematsu, Y. *see* Kubota, M. 1-24509
- Suematsu, Y. *see* Moriki, K. 1-19354
- Suematsu, Y. *see* Stubbjaer, K. 1-19333
- Suemitsu, H. *see* Matsuda, M. 1-33196
- Suemoto, T., Kanzaki, H. Formation process of self-trapped exciton bubbles in solid neon 1-7529
- Suemune, H. *see* Yamanishi, M. 1-46375
- Suemune, I., Yamanishi, M., Mikoshiba, N., Kawano, T. Observation of acoustic signals from semiconductor lasers 1-41702
- Suenaga, M., Sampson, W.B., Luhman, T.S. Fabrication techniques and properties of multifilamentary Nb_3Sn conductors 1-52731
- Suenaga, M. *see* Luhman, T. 1-52738
- Suenaga, M. *see* Shneid, C.L. 1-16392
- Suenram, R.D., Thorne, L.R. Microwave spectrum and dipole moment of BH_3NH_3 1-45938
- Suenram, R.D. *see* Hollis, J.M. 1-44607
- Sueoka, K. *see* Matsumoto, K. 1-11015
- Suess, S.T., Lockwood, G.W. Correlated variations of planetary albedos and coincident solar-interplanetary variations 1-36214
- Sueta, T. *see* Izutsu, M. 1-33798
- Suetin, N.V. *see* Kovalev, A.S. 1-52017
- Suetin, P.E. *see* Beresnev, S.A. 1-53479
- Suetin, P.E. *see* Borisov, S.F. 1-19553
- Suetin, P.E. *see* Semenov, Yu.G. 1-11491
- Suetin, V.A. *see* Gribnink, V.G. 1-43054
- Suetova, I.A. *see* Muratova, M.V. 1-13561
- Sueyoshi, T. *see* Uchida, S. 1-22114
- Suffczynski, M. *see* Kunert, H. 1-20096
- Suffczynski, M. *see* Manka, R. 1-25649
- Sufka, B. *see* Meaney, T.F. 1-43989
- Suga, H. *see* Sorai, M. 1-31135
- Suga, H. *see* Yoshikawa, M. 1-30945, 1-30951
- Suga, S. Methods of synchrotron radiation spectroscopy 1-18953
- Suga, S., Cho, K., Niji, Y., Merle, J.C., Sauder, T. Magneto-optical studies of the Zn_2 exciton-polaritons in CuI: effects of finite exciton wave vector 1-26178
- Suga, S. *see* Mitani, T. 1-8088
- Sugahara, M. Theoretical study of Josephson junction with double barriers 1-25837
- Sugahara, R. *see* Suzuki, A. 1-23524
- Sugahara, T. *see* Kano, E. 1-53822
- Sugai, H., Niki, H., Takeda, S. Generation of upper-hybrid solutions in a weak magnetic field 1-34071
- Sugai, H., Niki, H., Takeda, S., Inutake, M. Whistler wave trapping in a density crest 1-11557
- Sugai, K. *see* Tsubouchi, K. 1-47350
- Sugai, S. *see* Morozumi, S. 1-31500, 1-47305
- Sugai, S. *see* Schell, W.R. 1-9044
- Sugaki, S. *see* Shintani, A. 1-2660
- Sugakov, V.I., Shiyankovskii, S.V. Band splitting in optical spectra of nematic liquid crystals 1-2322
- Sugakov, V.I., Shiyankovskii, S.V. Effect of long-range activity in intermolecular interaction on optical spectra of liquid crystals 1-8067
- Sugakov, V.I. *see* Andreev, V.A. 1-26016
- Sugakov, V.I. *see* Valkunas, L. 1-16264
- Sugano, M. *see* Usami, A. 1-4185
- Sugano, S. *see* Kojima, N. 1-12490
- Sugano, S. *see* Nakamura, K. 1-52621
- Sugano, S. *see* Ohnishi, S. 1-30690, 1-34280
- Sugano, T. Physical and chemical properties of Si-SiO_2 transition regions 1-7479
- Sugano, T. Oxide film growth on GaAs and silicon substrates by anodization in oxygen plasma and its application to devices and integrated circuit fabrication 1-12915
- Sugano, T., Chen, J.J., Hamano, T. Morphology of Si-SiO_2 interface 1-7480
- Sugano, T., Ching-Fa Yeh. Generation of defects at Si/SiO_2 interface in electron beam lithography 1-38854
- Sugano, T. *see* Sakurai, T. 1-38853
- Sugano, T. *see* Schwartz, G.P. 1-21765
- Sugano, T. *see* Yamasaki, K. 1-16924
- Sugano, Y. Transient thermal stresses in an orthotropic finite rectangular plate due to arbitrary surface heat-generations 1-825
- Suganomata, S. *see* Matsuzawa, H. 1-15161, 1-24412, 1-42229
- Suganuma, M., Kondow, T., Mizutani, U. Low-temperature specific heats of rubidium-graphite intercalation compounds 1-38552
- Suganuma, M., Mizutani, U., Kondow, T. ^{13}C nuclear magnetic resonance in donor- and acceptor-type intercalation compounds 1-31049
- Suganuma, T. *see* Matsumura, H. 1-6661, 1-11125, 1-11134
- Suganuma, T. *see* Miyauchi, K. 1-34503
- Suganuma, T. *see* Yuasa, Y. 1-28622
- Sugar, R.L. *see* Cardy, J.L. 1-18163
- Sugar, R.L. *see* Scalapino, D.J. 1-40678
- Sugarbaker, E., Boyd, R.N., Elmore, D., Gove, H.E. The $^{12}\text{C}(\text{Be}, n)^{20}\text{Ne}$ reaction 1-33210
- Sugarbaker, E. *see* de Boer, F.W.N. 1-14446, 1-23667
- Sugarbaker, E. *see* Horen, D.J. 1-50568
- Sugarbaker, E. *see* Konijn, J. 1-50488
- Sugarman, A. *see* Gozani, T. 1-14598
- Sugata, E. *see* Fujii, Y. 1-7434
- Sugawa, M., Sugaya, R. Nonlinear amplitude oscillations of absolutely unstable electrostatic ion cyclotron waves in an ion beam-plasma system 1-2201
- Sugawa, M. *see* Arima, S. 1-6944
- Sugawara, A. *see* Matsubara, Y. 1-46817
- Sugawara, A. *see* Nishimura, T. 1-28708
- Sugawara, F. *see* Onuki, H. 1-43240

- Sugawara, H. see Kakizaki, A. 1-35141
 Sugawara, K. see Yang, D. 1-26033
 Sugawara, M. see Watanabe, Y. 1-1762
 Sugawara, M. see Yamaguchi, T. 1-39958
 Sugawara, M. see Yoshikawa, T. 1-13306
 Sugawara, S., Konno, M. Modified tuning forks with high stability for support 1-6739
 Sugawara, S. see Okuyama, K. 1-20876
 Sugawara, T., Ito, K., Yamato, H., Sako, K. JXFR RF wave launcher above lower hybrid frequency 1-6024
 Sugawara, T. see Nagami, M. 1-15637
 Sugawara, T. see Saito, S. 1-16131
 Sugawara, T. see Satoh, K. 1-52865
 Sugawara, T. see Ueda, O. 1-21256
 Sugawara-Tanabe, K. see Tanabe, K. 1-18551
 Sugaya, R. see Arima, S. 1-6944
 Sugaya, R. see Sugawara, M. 1-2201
 Sugeta, T. see Mizushima, Y. 1-6649
 Sugi, H., Suzuki, S. Extensibility of the myofibrils in vertebrate skeletal muscle as studied by stretching rigor muscle fibers 1-17442
 Sugi, H. see Ameniya, Y. 1-13285
 Sugi, M. see Fukui, T. 1-25592
 Sugie, T. see Iizuka, S. 1-6996
 Sugie, T. see Odajima, K. 1-11573
 Sugie, T. see Saruwatari, M. 1-24501
 Sugie, T. see Suzuki, N. 1-25039
 Sugihara, K. Freeze-out effect and longitudinal magnetoresistance of graphite in quantum limit 1-47679
 Sugii, K. see Kondo, S. 1-3349
 Sugii, T. see Saitoh, S. 1-47402
 Sugimae, A. Atmospheric concentrations and sources of rare earth elements in the Osaka area Japan 1-36018
 Sugimoto, D. see Miyaji, S. 1-54535
 Sugimoto, H., Fukui, Y. Theory of light interstitials in BCC metals. I. Self-trapped state of hydrogen and muons in Nb 1-2911
 Sugimoto, K., Belanger, G., Piron, D.L. The corrosion of Nb-Ni alloys in a KOH solution 1-31729
 Sugimoto, K. see Hara, N. 1-26668
 Sugimoto, K. see Matsuda, S. 1-33341
 Sugimoto, M. see Odajima, Y. 1-11151
 Sugimoto, M. see Yamamoto, K. 1-34480
 Sugimoto, N., Majima, Y. Nonlinear third harmonic resonance of flexural waves on a waveguide of thin elastic plate 1-46613
 Sugimoto, N. see Hattai, I. 1-7992
 Sugimoto, S., Ishikawa, R., Kobayashi, K. Recent progress of devices for optical communications 1-24527
 Sugimoto, S. see Antreasyan, D. 1-10287
 Sugimoto, Y. see Ito, K. 1-45646
 Sugimura, A. Band-to-band Auger effect in GaSb and InAs lasers 1-1568
 Sugimura, T. see Ohsato, H. 1-12642
 Sugimura, Y. see Miyake, Y. 1-53711
 Sugino, K. see Arai, T. 1-46379
 Sugino, K. see Nisida, S. 1-31658
 Sugino, K. see Shimizu, Y. 1-34012
 Sugino, Y. see Itai, Y. 1-47267
 Sugino, Y. see Yagi, S. 1-2667
 Sugisaki, M., Furuya, H. Oxygen redistribution in oxide fuels MO_{2+x} 1-23754
 Sugita, M. see Kawakami, M. 1-52866
 Sugita, S. see Inaki, Y. 1-46182
 Sugita, Y. see Ikeda, T. 1-16465
 Sugita, Y. see Ohta, N. 1-7905
 Sugitani, Y. see Homma, Y. 1-13324
 Sugitate, T. see Gono, Y. 1-50544
 Sugitani, C. Sulfur K X-ray absorption spectra of FeS , FeS_2 , and FeS_3 1-39181
 Sugitani, C., Kashiwakura, J., Adachi, K. Sulfur K β X-ray emission spectra of $\text{Co}(\text{As}_{1-x}\text{S}_x)_2$ for $0 \leq x \leq 0.5$ 1-53015
 Sugitani, C. see Tanaka, K. 1-43217
 Sugitani, K., Suzumura, T. Measurements of energy spectrum and zenith angle distribution of cosmic ray muon and electron with time of flight method 1-9339
 Sugitani, M. What do we expect in magnetic activity in the current solar cycle? 1-49456
 Sugitani, M. see Koyama, K. 1-46862
 Sugitani, M. see Matsumoto, Y. 1-42204
 Sugitani, M. see Takahashi, Y. 1-3629
 Sugitani, N. see Mizutani, T. 1-43062
 Sugiyama, A. Calculation of stacking fault energy by use of long-range interionic potential. I. Application of Ewald method 1-7183
 Sugiyama, H. Thickness dependence of the nuclear stopping-power 1-20283
 Sugiyama, J., Wada, M., Sawada, A., Ishibashi, Y. Successive phase transitions in $\{\text{N}(\text{CH}_3)_4\}_2\text{CuCl}_2$ 1-11859
 Sugiyama, K. see Motojima, S. 1-53068
 Sugiyama, K. see Takahashi, Y. 1-3629
 Sugiyama, K. see Tsubaki, K. 1-25726
 Sugiyama, M. High density expansion for the isothermal compressibility of hard sphere system 1-5247
 Sugiyama, M., Okamoto, H. The effect of external force on surface stability by the self-consistent Einstein model 1-52413
 Sugiyama, M. see Suzuki, Y. 1-14198
 Sugiyama, S. see Takeda, H. 1-23829
 Sugiyama, T. Scaling properties of one dimensional Fermi gas with spin-dependent forward scattering 1-5225
 Suglobova, I.G. see Baluev, A.V. 1-43661
 Suglobova, I.G. see Volkov, V.A. 1-5980
 Sugonyayev, V.N. see Pavlinov, L.V. 1-28600
 Suguna, A., Shrivastava, K.N. Theory of recombination time in electron-hole drops in indirect-band-gap semiconductors 1-12124
 Suh, C.H., van der Ziel, A. A noise spectrum described by a distribution in time constants 1-7681
 Suh, N.P. New theories of wear and their implications for tool materials 1-39466
 Suh, N.P., Fillion, P.D. Optimization of cutting tool properties through the development of alumina cermet 1-39469
 Suh, S.Y., Collins, R.J., Sacks, R.D. Saturable inductor based controlled waveform excitation source for exploding thin film atomic spectroscopy 1-43719
 Suhai, S. A priori electronic structure calculations on highly conducting polymers. I. Hartree-Fock studies on cis- and trans-polyacetylenes (polyenes) 1-10637
 Suhai, S. On the strategy of transport calculations in conducting polymers 1-20715
 Suhai, S. A priori Hartree-Fock crystal orbital calculations on polyacetylene backbones 1-29153
 Suhai, S. see Ladik, J. 1-47778
 Suhara, M., Okumura, H. Fade-out of the NQR and dynamical motion of the H_2O_2^+ ion in trans- $[\text{CoCl}_2(\text{en})_2][\text{H}_2\text{O}_2]\text{Cl}_2$ crystal 1-3289
 Suhli, H., Matthias, B.T., Hecker, S., Smith, J.L. Strain-induced softening of certain eutectics 1-30868
 Suhr, H. Chemical reactions in plasmas 1-13013
 Suhre, D.R. see Kasner, W.H. 1-46291
 Suizov, V.M. Magnetic suspensions as micropolar fluids 1-24846
 Suib, S.L. see Morrison, T.I. 1-26726
 Suikovsky, N.G. see Fedorov, N.F. 1-34972
 Suikovsky, N.V., Zagorskina, V.G. Achromatic antireflection coatings for highly refractive glasses 1-37587
 Suisalu, A. see Avarmaa, R. 1-29015
 Suisky, D. see Peuker, K. 1-47550
 Suit, H.D. see Urano, M. 1-17352, 1-35836
 Suits, B.H., Chen, M.C. Observation of a newly discovered 112K charge density wave transition in 2H-TaSe₂ using electrical resistance 1-2894
 Suizu, S. see Yamada, T. 1-9187
 Sujak, B., Chrzanoski, J. Electric charge in binary mixtures of non-polar molecules cryocondensed at low temperatures 1-2608
 Sujak, B., Gieroszynska, K., Gieroszynski, A. Thin film xoelectron dosimetry in the UV range 1-10589
 Sujak-Cyru, B. see Misiewicz, J. 1-3429
 Suk, M. see Batyuna, B.V. 1-600
 Suk, M. see Boos, E.G. 1-5661
 Suk, M. see Borreani, G. 1-50461
 Sukachev, A.V. see Demirkhanov, R.A. 1-42139
 Sukhach, N.S. see Markovskii, V.S. 1-22208
 Sukhachev, V.Ya. see Zakharov, M.A. 1-975
 Sukhachevskii, Yu.B. see Komarov, E.V. 1-10419
 Sukhanov, A.N. see Vasil'ev, B.I. 1-33523
 Sukhanov, I.I. see Sametov, A.R. 1-51523
 Sukhanov, K.G. see Avedyuev, V.S. 1-9396
 Sukhanov, L.A. see Gostintsev, Yu.A. 1-32511
 Sukhanov, L.P. see Boldyrev, A.I. 1-8543
 Sukhanov, V.L. see Alekhin, B.V. 1-33677
 Sukhanov, V.N. see Andrianov, A.V. 1-20805
 Sukhanova, G.E., Guseva, K.N., Kolesnikov, A.V., Shcherbakova, L.G. The compound Ti_2TiO_3 1-21442
 Sukharev, N.N. see Khazhinski, G.M. 1-51706
 Sukharev, S.A. see Korner, S.V. 1-37511
 Sukharev, V.V. see Boricheva, V.N. 1-12950
 Sukhareva, L.A. see Voronkov, V.A. 1-11285
 Sukhatme, U. see Capella, A. 1-5599
 Sukhatme, U. see Jones, L.M. 1-45230
 Sukhatme, U.P., Lassila, K.E. Q^2 evolution of multi-hadron fragmentation functions 1-515
 Sukheija, B.D. An electronic null detector 1-44743
 Sukhin, V.N. see Protasov, A.K. 1-44955
 Sukhomlin, E.A. see D'yakov, V.E. 1-24950
 Sukhoparov, V.A. see Vindryaevskiy, B.A. 1-38613
 Sukhorukov, A.P. see Gora, V.D. 1-1657, 1-51572
 Sukhorukov, A.P. see Rostovtseva, V.V. 1-6618
 Sukhorukov, A.P. see Sizova, I.M. 1-40160
 Sukhorukov, R., Vladimirov, R. Technique of forecasting accuracy of magnetoresistive transducer output parameters in serial production 1-23218
 Sukhorukov, V.V. see Zorin, E.I. 1-26395
 Sukhotin, A.M., Antonovskaya, E.I., Sgibnev, E.V., Shul'man, A.K. The influence of hydrogen purity and pressure on the gas saturation of titanium alloys 1-35378
 Sukhotin, S.V. see Bogurski, A.P. 1-18653
 Sukhov, A.D. see Koba, G.I. 1-41282
 Sukhov, N.K. see Aizenberg, A.N. 1-31802
 Sukhovarov, V.F., Svitich, Yu.V., Karavaeva, V.V., Seregin, G.V. Discontinuous precipitation of the γ' phase in deformed alloys 1-26466
 Sukhovikhova, L.G. see Vinetskii, V.L. 1-33639
 Sukhovitskii, E.S. see Antisipov, G.V. 1-18833
 Sukhovskii, A.A., Kriger, A.I., Moskvich, Yu.N., Lundin, A.G. Investigation of a ferroelastic phase transition in potassium trihydrogen selenite by the method of high-resolution NMR of ^{77}Se 1-2557
 Sukhvalo, S.V. see Demchenko, A.I. 1-3223
 Sukenickii, A. see Kosinski, R.A. 1-38961
 Sukner, V.S. see Kapitono, A.N. 1-54272
 Sukosd, C. see Riepe, G. 1-23949
 Sukumar, C.V. see Buck, B. 1-37447
 Sukumar, C.V. see Burke, P.G. 1-33560
 Sukumar, S. see Hall, L.D. 1-18270
 Sulaberidze, G.A. see Velikanov, A.G. 1-1589
 Sulaeva, L.Ya. see Belyanskii, V.I. 1-39359
 Sulakshin, S.S. see Bystritskii, V.M. 1-51461
 Sulanowska, M. see Schroeder, B. 1-22555
 Suleiman, S.M., Munson, B.R. Viscous buckling of thin fluid layers 1-37876
 Suleimanov, A.S. see Dzhalarov, N.Kh. 1-25252
 Suleimanov, M.K. see Anoshin, A.I. 1-41149
 Suleimanov, R.A. see Belenki, G.L. 1-52915
 Suleimanov, Z.I. see Mamedov, K.P. 1-52277
 Suleimanov, M.K. see Abdrabmanov, E.O. 1-722
 Sulek, K., Schlager, C.J., Wiktor-Jedrzejczak, W.W., Ho, H.S., Leach, W.M., Ahmed, A., Woody, J.N. Biologic effects of microwave exposure. I. Threshold conditions for the induction of the increase in complement receptor positive (CR⁺) mouse spleen cells following exposure to 2450-MHz microwaves 1-8912
 Suleman, J.P. see Bhaskar, N.D. 1-24225
 Sulentich, J.W. New redshifts in the Virgo cluster 1-32766
 Sulich, P. see Berkowski, M. 1-8214
 Sulich, P. see Braczkowski, M. 1-5343
 Suliga, I. see Przybylowicz, K. 1-16089
 Sulim, G.T. Influence of the shape of a thin inclusion on the temperature distribution in a piecewise-homogeneous plane 1-11287
 Sulim, G.T. System of linear inclusions in isotropic medium 1-15390
 Sulim, G.T. see Griitliki, D.V. 1-24674
 Sulima, I.M. Investigation of the motion of a system of many particles burning up in a gas flow 1-15555
 Sulimov, Yu.I., Litvinov, Yu.G. Contactless instrument for measuring moment of force 1-18246
 Sulkes, M. see Tusa, J. 1-35521
 Sulkovskaya, M.P. see Mukhin, K.N. 1-28348
 Sullivan, B.M., Curtis, J.C., Kober, E.M., Meyer, T.J. Solvent effects on charge transfer transitions in mixed-valence, organic donor-acceptor, and related chemical systems 1-51150
 Sullivan, B.T., Israel, W. The third law of black hole mechanics: What is it? 1-17865
 Sullivan, C., Argue, A.N. A comparison of the Smithsonian Astrophysical Observatory catalogue (SAO) with AGK3R and Perth 70 1-27399
 Sullivan, C. see Argue, A.N. 1-40349
 Sullivan, C.E. see Jelinski, L.W. 1-8818, 1-24301
 Sullivan, D.B., Hamilton, C.A., Kautz, R.L. Recent progress in cryoelectronics 1-36600
 Sullivan, D.E., Gray, C.G. Evaluation of angular correlation parameters and the dielectric constant in the RISM approximation 1-43058
 Sullivan, J. see Scheffler, C.P. 1-38196
 Sullivan, J.A. see Beattie, W.H. 1-53529
 Sullivan, J.D. see Bonifazi, C. 1-40275
 Sullivan, J.E. see Gillette, J.L. 1-36993
 Sullivan, J.E. see Singer, R.M. 1-23730
 Sullivan, J.F. see Durig, J.R. 1-51205
 Sullivan, J.L., Quinn, T.F.J., Rowson, D.M. Development in the oxidation theory of mild wear 1-26632
 Sullivan, J.L. see Poole, W. 1-43535
 Sullivan, L.J. see Bottrell, G. 1-53539
 Sullivan, M.J. see Lloyd, J.R. 1-21655
 Sullivan, M.K. see Biddick, C.J. 1-18532
 Sullivan, R.A.L. see Parkin, D.W. 1-4822
 Sullivan, S., Cutter, M., Lobb, D. A fast electro-optic focusing device 1-41819
 Sullivan, W.T., III see Bothun, G.D. 1-49800
 Sulonen, M. see Korhonen, A.S. 1-3776
 Sulstarova, E., Kocija, S. The Dibra (Albania) earthquake of November 30, 1967 1-13413
 Sulstarova, E. see Kocija, S. 1-13412
 Sultan, F., Taher, F. The impact of solar energy integration on the power systems of the Kingdom of Saudi Arabia 1-21857
 Sultanian, B.K. HOME - a program package on Householder reflection method for linear least-squares data fitting 1-30491
 Sultanmagomedov, S.N. see Romanov, O.V. 1-2830
 Sultanov, K.S. see Lyakhov, G.M. 1-9128
 Sultanov, S.F. see Arbuzov, B.A. 1-45190
 Sultanov, T.I. see Nasibov, I.I. 1-53162
 Sultanov, T.I. see Nasibov, I.O. 1-8283, 1-53161
 Sultanov, T.T. see Zubov, V.A. 1-19280

- Sulwinski, L. *see* Kaliski, S. 1-34095
 Sulyaev, R.M. *see* Abramov, V.V. 1-596
 Sulyok, J. Some special questions of tropicalization. II 1-36051
 Sulzmann, K.G.P., Kline, J.M., Penner, S.S. Update: empirical determinations of the effective absorption coefficients for the NO γ -bands at 22594 and the ν_2 -fundamental of N₂O at 4.52 μ [JQSRT 21, 475 (1979)] 1-19085
 Suma, K. *see* Yoshikawa, T. 1-13306
 Sumarokov, V.V., Freiman, Yu.A., Manzhelii, V.G., Popov, V.A. Heat capacity anomalies in solid nitrogen with oxygen impurities 1-2648
 Sumarokov, V.V. *see* Manzhelii, V.G. 1-52309
 Sundani, G. *see* Savage, C.R. 1-4138
 Sume, A. *see* Rydbeck, O.E.H. 1-49838
 Sumi, H. Energy transfer between localized electronic states - from non-adiabatic to adiabatic hopping limits 1-25655
 Sumi, H. Adiabatic and non-adiabatic limits for multi-phonon capture of free electrons by deep centers 1-47539
 Sumi, N., Katayama, T. Thermal stress singularities at tips of Griffith crack in a finite rectangular plate 1-14650
 Sumi, N., Noda, N. Three-dimensional treatment for thermal-stress problems in a finite polygonal cylinder with a cylindrical circular hole 1-37801
 Sumi, S. *see* Fukui, M. 1-26040
 Sumi, T. *see* Deguchi, K. 1-30429
 Sumi, Y., Keer, L.M., Nemat-Nasser, S. Thermally induced radial cracking in fuel element pellets 1-33295
 Sumi, Y. *see* Fukushima, M. 1-45770
 Sumi, Y. *see* Terada, S. 1-14415
 Sumida, I. *see* Ikeda, T. 1-28550
 Sumida, I. *see* Nakao, T. 1-10484
 Sumida, I. *see* Yokomizo, O. 1-14668
 Sumikawa, J. *see* Miyamoto, M. 1-19545
 Sumimoto, T. *see* Okada, S. 1-6910
 Sumin, A.V., Sokolov, A.I., Itkin, G.P., Kremnev, A.S., Kiselev, Yu.M., Pushkova, L.V., Perimov, Yu.A., Kanevskaya, E.B. Automatic control of the artificial heart with an independent energy source 1-44045
 Sumino, K., Yonenaga, I., Yusa, A. Mechanical strength of oxygen-doped float-zone silicon crystals 1-48420
 Sumino, K. *see* Ono, H. 1-12062
 Sumino, Y. *see* Anderson, O.L. 1-32408
 Sumita, K. *see* Yamada, S. 1-33282
 Sumita, K. *see* Yamamoto, J. 1-892
 Sumita, M., Osaka, T. New phase transitions of monoclinic RbD₂PO₄ and its forced transition to the ferroelectric state 1-39048
 Sumita, M., Pelloux, R.M.N. Effects of shallow notch on fatigue crack propagation and fatigue life in high strength aluminum alloy 1-8435
 Sumita, M. *see* Nakata, R. 1-7945
 Sumitani, M. *see* Nakashima, N. 1-26758, 1-29144
 Sumitsuji, N. *see* Inouye, T. 1-4267
 Sumiyoshi, T. *see* Aihara, H. 1-45336
 Summerer, K. *see* Gaggeler, H. 1-18666
 Summerfield, G. Time dependence of neutron pulses in the slowing down energy region 1-28516
 Summers, D. Summary of solutions to the spherically symmetric accretion and stellar wind problems 1-22777
 Summers, D. Spurious solutions of the Navier-Stokes equations 1-32588
 Summers, G.P. *see* Brewer, J.D. 1-26269
 Summers, I.R. Combustion noise - measurements on single oil drops and other diffusion flames 1-31857
 Summers, J.W., Isner, J.D., Rabinovitch, E.B. How the morphology of poly(vinyl chloride) compounds affects toughness and weatherability 1-31609
 Summers, S.J. A new proof of the asymptotic nature of perturbation theory in $P(\phi)_2$ models 1-5467
 Summers, W.A., Ammon, R.L., Parker, G.H. Recent progress on the sulfur cycle hybrid hydrogen production process 1-53699
 Summerson, W.A. *see* Schultz, N. 1-19512
 Sumner, J.R., Coley, W.E., Reis, M.P., Norem, M.N., Patty, D.W. The Diablo Canyon startup program 1-18802
 Sumorok, K. *see* Calvetti, M. 1-14778
 Sumorok, K.C.T.O. *see* Corden, M. 1-14429
 Sumorok, K.C.T.O. *see* Corden, M.J. 1-14428, 1-28352
 Sumpter, K.C. *see* McCormick-Barger, J.W. 1-28660
 Sumski, S. *see* Capasso, F. 1-48279
 Sumunek, P. *see* Sopko, B. 1-42410
 Sun, B.K., Earles, D.R., Johnson, S.E. Local reactivity feedback in PWR steamline break evaluations 1-10468
 Sun, C.Y. *see* Hwang, H.L. 1-30588, 1-52447
 Sun, H., Sheppard, M.G., Freed, K.F., Herman, M.F. First principles test of transferability hypothesis of semi-empirical theories using correlated ab initio effective valence shell Hamiltonian methods 1-37087
 Sun, J.C., Choi, B.H., Poe, R.T., Tang, K.T. Three-dimensional quantum mechanical studies of D+H₂→HD+H reactive scattering. IV. Cross sections and rate constants with rotationally excited target molecules 1-35522
 Sun, J.C. *see* Choi, B.H. 1-24209
 Sun, K.H., Duffey, R.B., Peng, C.M., Seban, R.B. Hydrodynamically controlled dryout in tubes at low mass flow rates 1-5941
 Sun, M., Shu, Y. A study of narrow linewidth Li-ferrite 1-8257
 Sun, M.-H. *see* Khanna, R.K. 1-26184
 Sun, T.S., Buchner, S.P., Byer, N.E. Oxide and interface properties of anodic films on Hg_{1-x}Cd_xTe 1-16380
 Sun, T.S., McNamara, D.K., Ahearn, J.S., Chen, J.M., Ditchek, B., Venables, J.D. Interpretation of AES depth profiles of porous Al anodic oxides 1-16628
 Sun, T.S. *see* Viswanadham, R.K. 1-26653
 Sun, X. *see* Li, T. 1-11955
 Sun, Y.C. *see* Perkins, F.W. 1-34045
 Sun Chi-Chang *see* Jin Gen-Ming 1-18664
 Sun Chia-Chung *see* Tang Au-Chin 1-7566, 1-7567
 Sun Chun Byong *see* Byong Sun Chun
 Sun Dian Chao *see* Dian Chao Sun
 Sun Fuyao, Liao Chienchu, Lan Fenlan, Liu Caimu, Liu Jianhua Observation of the fatigue fracture surface of high strength steels 1-39410
 Sun Hong-zhou, Han Qi-zhi On the irreducible representations of the simple Lie groups. I. The tensor basis for the infinitesimal generators of the classical simple Lie groups 1-18399
 Sun I. Kim, Byoung G. Min A microprocessor-based dynamic echocardiographic tracking system with variable gate width 1-32219
 Sun Ji Internal state functions and internal equations of particles 1-28271
 Sun Ji The mass of the muon 1-28308
 Sun Ji-guang *see* Zhang Chun-yuan 1-19928
 Sun Ke *see* Li Shi 1-52871
 Sun Lu *see* Sheley, C. 1-38281
 Sun Ming-Jau *see* Ming-Jau Sun
 Sun Shangzhu *see* Peng Riwu 1-53096
 Sun Shao-Tang *see* Shao-Tang Sun
 Sun Wann-Joe *see* Wann-Joe Sun
 Sun Wong, Kawei Chen On the two-dimensional analysis of fluid flow and heat transfer in rod bundles with arbitrary arrangement 1-41170
 Sun Xi-jun, Guo Jun-xiang, Zhao Zhi-zheng, Pao Zong-you, Guo Ying-xiang Study of neutron deficient isotopes of Fr and I by means of He-jet technique 1-10349
 Sun Xi-Jun *see* Jin Gen-Ming 1-18664
 Sun Xin *see* Zhu Xue-yuan 1-25934
 Sun Yi-sui, Luo Ding-jun Further analysis about the regions of motion of general three-body problem 1-40316
 Sun Yong-Zhi *see* Li You-Ming 1-54253
 Sun Zheng-zhu A new method for solving the torsion problem of shafts of varying circular cross section and the Saint-Venant torsion problem for beams. I. Torsion of shafts of varying circular cross section 1-29533
 Sun-Chae Maeng *see* Chan Hyoung Kang 1-12743
 Sun-Chae Maeng *see* Dow-Bin Hyun 1-53181
 Sun-Hai Chiao *see* Bhattacharya, P.K. 1-47766
 Sun-sheng Yi *see* Yi Sun-sheng
 Sun-Yuan Tsay, Yen-Ping Shih Blasius series solution for heat transfer with nonisothermal wall temperature 1-24804
 Sunada, H. *see* Yamasaki, T. 1-53282
 Sunada, K., Kitayama, Y. Development of digital void velocimeter 1-19843
 Sunak, H.R.D. The wavelength dependence of pulse dispersion in multimode fibre optical waveguides 1-51625
 Sunak, H.R.D., Ayres Neto, J.B.De M. Material dispersion measurements in optical fibre waveguides 1-51624
 Sunak, H.R.D., Ayres Neto, J.B.De M. Intermodal pulse dispersion in multimode optical fibres and its measurement with a nanosecond test facility 1-51626
 Sunanda Basu *see* Santimay Basu 1-4693
 Sundar, H.G.K. *see* Rao, K.J. 1-42570
 Sundara Raja Iyengar, K.T., Raman, P.V. Axisymmetric free vibration of thick annular plates 1-29599
 Sundara Raman, V. Integral equation for radiation transport - ASFIT 1-18716
 Sundara Rao, I.S. *see* Ram, N. 1-47130
 Sundaraj, R. *see* Shanker, J. 1-12446
 Sundaralingam, M. *see* Bergstrom, R. 1-30209
 Sundaralingam, M. *see* Chwang, A.K. 1-32089
 Sundaralingam, M. *see* Merritt, A.E. 1-17339
 Sundaram, A.K., Das, A.C., Sen, A. A nonlinear mechanism for magnetic reconnection and substorm activity 1-36110
 Sundaram, C.S. *see* Shenoy, R.K. 1-26065
 Sundaram, K., Viswanadham, V.N. Moment of inertia ellipsoids of various proteins of known crystalline structure 1-17345
 Sundaram, K.B., Bhagavat, G.K. Chemical vapour deposition of tin oxide films and their electrical properties 1-43268
 Sundaram, K.B., Bhagavat, G.K. Preparation and properties of indium oxide films 1-52453
 Sundaram, R.K. *see* Nijhawan, S. 1-38000
 Sundaram, S. *see* Sharma, R.R. 1-42729
 Sundararajan, T. *see* Cohen, I.M. 1-34160
 Sundararaman, M. *see* Asundi, V.K. 1-7393
 Sundararaman, M. *see* Seetharaman, V. 1-53193
 Sundaesan, S., Amundson, N.R., Aris, R. Observations on fixed-bed dispersion models: the role of the interstitial fluid 1-29764
 Sundarsingh, V.P., Felix, V.P., Prasad, P.M. Epitaxial growth of silicon on the mixed flow mode 1-39243
 Sundarsingh, V.P. *see* Prasad, P.M. 1-39245
 Sundberg, M. Structure and 'oxidation behavior' of W₂O₇, a new member of the {103} CS series of tungsten oxides 1-34325
 Sundelius, B. Reflection of rarefaction wave in one-dimensional gas flow 1-9802
 Sundell-Bergman, S., Johanson, K.J. Repairable and unreparable DNA strand breaks induced by decay of ³H and ¹²⁵I incorporated into DNA of mammalian cells 1-49072
 Sundelof, L.-O., Bergman, R. Laser interferometric arrangement for a diffusion cell of the shear type 1-36727
 Sundén, B. Conjugated heat transfer from circular cylinders in low Reynolds number flow 1-1965
 Sunder, D. *see* Andrew, N.E. 1-11564
 Sunder, D. *see* Gradov, O.M. 1-2173
 Sunder, W.A. *see* Schwartz, G.P. 1-39477
 Sunder Rajan, N.S. *see* Brat, S. 1-28624
 Sunder-Plassmann, R. *see* Deublein, D. 1-791
 Sundermann, J. *see* Brosche, P. 1-44094
 Sundershesu, B.S. Photoconductivity of Cd_{1-x}Mn_xTe mixed crystals 1-20803
 Sundheim, B.R. Collision and encounter statistics from a molecular dynamics computation on a model of a fused salt 1-2309
 Sundman, A. *see* Loden, L.O. 1-27578
 Sundquist, H.A., Matthews, A., Teer, D.G. Ion-plated aluminium bronze coatings for sheet metal form-dies 1-30592
 Sundqvist, B. Thermal conductivity of some metals under pressure 1-30500
 Sundqvist, B. Thermal conductivity and Lorentz number of nickel under pressure 1-52542
 Sundukov, V.K. *see* Lyubimov, V.V. 1-43589
 Sundyrin, V.G. *see* Birger, I.A. 1-29510
 Suneja, H.R. *see* Singh, V.P. 1-37965
 Sung, C.S. Paik *see* Paik Sung, C.S.
 Sung, J.P. *see* Tamagake, K. 1-4062
 Sung, L., Stevens, K.K. Response of linear discrete and continuous systems to variable frequency sinusoidal excitations 1-24726
 Sung, L.S. Ma *see* Ma Sung, L.S.
 Sung Hae Song, Tatsuya Mimi Effect of diffusion-induced dislocations on antimony diffusion into silicon 1-47295
 Sung Ho Choh *see* Chan Soo Han 1-49425
 Sung Jo Choi *see* Bong Hee Hahn 1-35350
 Sung Ma Dong *see* Dong Sung Ma
 Sung-Soo Kim *see* Tong-Suk Yun 1-17025
 Sung-Su Kim, Young Ku Yoon A study of the effects of the composition, and sintering and heat treatment temperature on magnetic properties and microstructures of SmCo₅ permanent magnets 1-35405
 Sunggi Chung *see* Holley, T.K. 1-37336
 Sunier, J.W. *see* Drake, D.M. 1-23672
 Sunier, J.W. *see* Flynn, E.R. 1-28367
 Sunkel, W. *see* Lemere, M. 1-10372
 Sunner, J. *see* Magnera, T.F. 1-36761
 Sunseri, C. *see* Di Paola, A. 1-48558, 1-48559
 Sunshine, H.R. *see* Ferrone, F.A. 1-8798
 Suntharalingam, N. Current status of clinical applications of thermoluminescence dosimetry in the United States 1-13325
 Suntsov, N.V., Arkharov, V.I., Zhuravlev, N.L., Miloslavskii, A.G. Defect structure, electrical and diffusion properties of sulfur-doped CdO 1-30748
 Sunu, W.G., Bennion, D.N. Transient and failure analyses of the porous zinc electrode. I. Theoretical 1-17067
 Sunu, W.G., Bennion, D.N. Transient and failure analyses of the porous zinc electrode. II. Experimental 1-17068
 Sunu, W.G. *see* Burrows, B.W. 1-53587
 Sunyach, M. *see* Juve, D. 1-11390
 Sunyae, R.A. Fluctuations of the microwave background radiation 1-9742
 Suong-Hy Hyon, Kitamaru, R. Structure and properties of lightly crosslinked isotactic polypropylene, crystallized from the melt under uniaxial compression 1-47012
 Suoninen, E. *see* Cuclaru, I.M. 1-26322
 Suoninen, E. *see* Jaaskelainen, J. 1-52286
 Suortti, P. Components of the total X-ray scattering 1-29955
 Sup Soh Kwang *see* Kwang Sup Soh
 Supe, S.J. *see* Pradhan, A.S. 1-26284
 Supe, S.J. *see* Srivastava, J.K. 1-26285
 Suppan, P., Tsiamis, C. Absolute excited state dipole moments from solvatochromic shifts 1-15031
 Supple, J.M. Diffusion as an example of entropy increase and the associated lost opportunity to perform work 1-40729

- Suppra, M. On the gas desorption of glasses 1-52436
- Supronov, V.P. see Koval', Yu.F. 1-5306
- Suprunenko, K.A. see Doroshenko, V.N. 1-4110
- Suprunenko, V.A. see D'yakov, V.E. 1-24950
- Suprunenko, V.A. see Petviashvili, V.I. 1-6971
- Suptitz, P. see Petrova, W. 1-26293
- Suquet, P.M. Homogenisation of a class of non-linear dissipative materials 1-32847
- Suquet, P.M. A dual method in homogenization. Application to elastic periodic media 1-32848
- Sur, A. see Tellinghuisen, J. 1-1271
- Sur, L. see Maas, H. 1-40785
- Sur, S.K., Sil, N.C. Glauber cross sections for arbitrary excitation of ground-state hydrogen by electron and proton impact 1-46134
- Sura, P. see Tokarcik, M. 1-50152
- Suramlishvili, G.I. Nonlinear reflection by a dielectric medium 1-33743
- Suramlishvili, G.I. see Mikhailovskii, A.B. 1-2220
- Suran, G., DeLuca, J.C., Sedgwick, T.O. Magnetic properties of laser annealed garnet films as determined by FMR and bubbles statics 1-12367
- Suran, G., Krishnan, R., Prasad, S., Jouve, H., Meyer, R. Bulk and surface resonance properties of amorphous Gd-Co films 1-12363
- Surana, K.S. Shape functions for the isoparametric transition elements for cross-sectional properties and stress analysis of beams 1-68
- Surat, L.L. see Khodos, M.Ya. 1-53454
- Surdau, V. Influence of glow discharge upon temperature of flowing gas 1-15679
- Surda, V. Thermal balance on closely ranged electrodes in flowing argon glow discharge 1-52000
- Surdej, A., Surdej, J., Swings, J.P., Wamstecker, W. The reflection nebula surrounding HD 87643 1-40545
- Surdej, A. see Swings, J.P. 1-13774
- Surdej, J. Formation of resonance doublet profiles in rapidly expanding envelopes 1-22778
- Surdej, J., Cramer, N. (201) Penelope 1-13721
- Surdej, J. see Surdej, A. 1-40545
- Surdej, J. see Swings, J.P. 1-13774
- Surdin, M. The bright Universe cosmology 1-17922
- Sureau, A. see Jagle, P. 1-10979
- Surendra Singh, Verma, G.S. Chemical shift and donor-electron radius for lightly doped n-Ge 1-34656
- Suresh, D., Rohatgi, P.K. The use of solar furnaces in materials research 1-17173
- Suresh, D., Rohatgi, P.K. Heat transfer analysis on metal-melting in a foundry solar furnace 1-52263
- Suresh, S. see Ritchie, R.O. 1-43515
- Surette, W.E., Jr. see Zweibaum, F.M. 1-44985, 1-44986
- Surga, W. see Hodorowicz, S. 1-20093
- Surgutshov, G.D., Sokolov, S.V., Derkatschow, E.N. Model and algorithm for controlling the processing of melting charges of steel 1-39264
- Suri, A.K., Nimmagadda, R., Bunshah, R.F. Synthesis of titanium nitrides by activated reactive evaporation 1-16698
- Suri, K.K. see Sharma, A.K. 1-28413
- Surikov, V.V. A quantum-chemical model of calculating the bond energy of crystals 1-11718
- Surikov, V.V. see Steisenko, P.N. 1-52767
- Surikova, T.V. see Gerasimova, L.P. 1-39443
- Surinach, E. see Gallart, J. 1-44127
- Suris, R.A., Fuks, B.I. Noise in finite compensated semiconductors. I. Generation-recombination noise 1-20838
- Suris, R.A., Fuks, B.I. Noise in finite compensated semiconductors. II. Johnson noise and contact noise 1-20839
- Suris, R.A., Fuks, B.I. Theory of nonlinear transient processes in compensated semiconductors 1-34720
- Suris, R.A. see Dementienko, V.V. 1-1615
- Suris, R.A. see Masloboev, Yu.P. 1-51510
- Suris, R.A. see Nechaev, V.M. 1-21272
- Suris, R.A. see Zhdanova, N.G. 1-38786
- Surka, S. see Hala, O. 1-52051, 1-52052
- Surko, C.M., Slusher, R.E. Study of plasma density fluctuations by the correlation of crossed CO₂ laser beams 1-29843
- Surko, P. see Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Surkov, G.A. Question of the nonstationary radiant interaction of solids 1-46660
- Surkov, G.A. Determination of heat fluxes over the finite-dimension solid surfaces 1-51688
- Surkov, G.A. Methods for determining thermophysical characteristics of solid materials based on solutions of linear-heat-conduction equations of order higher than the second 1-52370
- Surkov, S.A. see Gusman, N.O. 1-17006
- Surkov, V.V. see Dunin, S.Z. 1-15437, 1-24715, 1-27154
- Surkov, V.V. see Ramendik, G.I. 1-52007
- Surkova, I.Y. see Efrosinin, V.P. 1-28409
- Surkova, L.V. see Mukhin, K.N. 1-28348
- Surmeian, A. see Stanculescu, C. 1-36677
- Surmeian, M. see Leca, M. 1-47014
- Surnev, L., Bliznakov, G., Kiskinova, M. ELS study of alkali metal adsorption on Ni(100) 1-42637
- Surov, M.E. see Skorniyakov, G.P. 1-12510
- Surov, Yu.I. see Bogatin, Ya.G. 1-21386
- Surovoi, E.P. see Shustov, M.A. 1-28097
- Surovtseva, T.E. see Sazonova, A.A. 1-48381
- Surovjak, Z. see Skulski, R. 1-26144
- Surplice, N.A. see Kandasamy, K. 1-38837
- Surprenant, H.L., Sarnesi, J.E., Key, R.R., Byrd, J.T., Reilly, C.N. Carbon-13 NMR studies of amino acids: chemical shifts, protonation shifts, microscopic protonation behavior 1-19111
- Surridge, A.D. On frequency dependent backscattering of an acoustic wave train in the atmosphere 1-29440
- Suryanarayana, C. see Inoue, A. 1-16394, 1-16404, 1-30894, 1-52687
- Suryanarayana, L., Saika, B.K. Stability of intramolecular hydrogen bond of 8-hydroxyquinoline in different solvents: IR spectroscopic study 1-33459
- Suryanarayana, M. see Sampath Kumar, J. 1-19523
- Suryanarayana, M. see Satyabala, S.P. 1-37733
- Suryanarayana Rao, K. see Shanbhag, P.V. 1-24162
- Sur'yaninova, T.I. see Fomin, G.A. 1-31334
- Surzhikov, A.P. see Annenkov, Yu.M. 1-25320
- Surzhikov, V.P. see Annenkov, Yu.M. 1-25320
- Susa, N., Kanbe, H., Ando, H., Ohmachi, Y. Plasma enhanced CVD Si₃N₄ film applied to InP avalanche photodiodes 1-25589
- Susa, N., Nakagome, H., Ando, H., Kanbe, H. Characteristics in InGaAs/InP avalanche photodiodes with separated absorption and multiplication regions 1-45011
- Susa, N., Yamauchi, Y. Vapor phase epitaxial growth of InP on liquid phase epitaxial In_{0.53}Ga_{0.47}As 1-53106
- Susa, N. see Ando, H. 1-45012
- Susa, N. see Yamauchi, Y. 1-48277
- Susaki, Z. see Mizrahi, J. 1-35903
- Susaki, W. see Higuchi, H. 1-24433
- Susaki, W. see Ohsawa, J. 1-15250
- Susaki, W. see Omura, E. 1-33730
- Susaki, W. see Takahashi, K. 1-45010
- Sushchikh, V.A. see Bironi, T. 1-48346
- Sushchinskii, M.M. Reconstruction of the wavefront in stimulated scattering 1-33759
- Sushchinskii, M.M. see Gorelik, V.S. 1-12508
- Sushkevich, T.A. see Mateshvil, Yu.D. 1-32494
- Sushko, B.I. see Lozowski, V.N. 1-30580
- Sushkov, O.P., Flambaum, V.V. On the possibility of observing parity nonconservation in neutron optics 1-469
- Sushkov, O.P., Flambaum, V.V. Mechanism of parity violation in nuclear fission 1-36946
- Sushkov, P.A. see Alexeev, V.L. 1-639
- Sushkov, P.A. see Emelianov, B.A. 1-28827
- Susin, A.A., Gazov, V.I., Gitarski, M.I. Singularity of discontinuous decomposition of the alloy Fe-8.5 at.% W 1-3743
- Susini, C. Focalization properties of a phase-array ultrasound imaging system based on a new type of delay compensation 1-8928
- Susimno, G. see Basile, M. 1-10188, 1-45349
- Suski, T. see Jung, J. 1-30409
- Suski, W., Janus, B. Is the intermediate valence state possible in the uranium tellurides? 1-20669
- Suslikov, L.M., Gadnashi, Z.P., Kopinets, I.F., Peresh, E.Yu., Slika, V.Yu. Birefringence of CdGa₂S₄ single crystals 1-43096
- Suslikov, L.M., Gerasimenko, V.S., Slika, V.Yu. Infrared reflection spectra of CdGa₂S₄ 1-35033
- Suslin, L.A. see Kashirina, N.I. 1-42731
- Suslov, A.A. see Volodichev, N.N. 1-36132
- Suslov, A.I. see Kozlyev, Yu.P. 1-28777
- Suslov, I.M. see Altkhov, A.A. 1-12099
- Suslov, L.P. see Afayimovich, E.L. 1-4630
- Suslov, V.Ya. Phenomenological turbulence model accounting for molar and molecular viscosity 1-29786
- Suslova, E.A. see Shron, R.Z. 1-26484
- Susov, E.V. see Zaitov, F.A. 1-30449
- Suss, J. see Laulich, I. 1-26185
- Suss, J.T. see Raizman, A. 1-3254, 1-34938
- Susse, K.-E., Vogel, W., Welsch, D.-G. Intensity correlation spectroscopy of the resonance fluorescence light of two-atomic molecules 1-46015
- Susskind, L. see Dimopoulos, S. 1-497
- Susskind, L. see Sikivie, P. 1-496
- Susskind, L. see Srednicki, M. 1-45117
- Sussman, M.M. see Ibrahim, B.B. 1-10425
- Sussman, M.V. Steady-flow availability and the standard chemical availability 1-17085
- Sussman, M.V. Liquid nitrogen as an energy source for an automotive vehicle 1-48809
- Sussner, H., Pelous, J., Schmidt, M., Vacher, R. Brillouin scattering from surface waves on Al-coated transparent media 1-12515
- Sussner, H. see Vacher, R. 1-30346
- Sustarov, A.F. see Mukhin, K.N. 1-28348
- Suszycyl, L. see Eskreys, A. 1-594
- Suszynska, M. see Grau, P. 1-7245
- Sutabutr, P. see Phien, H.N. 1-32477
- Sutcliffe, P.W. see Borland, W. 1-39274
- Sutcliffe, V. see Aldag, J.E. 1-46103
- Suteau, A., Martel, L. Surface waves in structures with locally irregular boundaries 1-22230
- Suter, L.J. Plasma crowsbars in cylindrical flux compression experiments 1-34058
- Suter, P. see Dupont, J.-F. 1-28571
- Suter, R.M. see Arends, A.R. 1-34960
- Sutera, C.M. see Fallica, P.G. 1-50606
- Sutera, S.P. A note on hemolysis during filtration through microfilters 1-39953
- Sutherland, H.J., Cave, S.P. Argon gas permeability of New Mexico rock salt under hydrostatic compression 1-44165
- Sutherland, J.P. see Naimpally, A. 1-32100
- Sutherland, P. see Glen, G. 1-9549
- Sutherland, P.G. see Grindlay, J.E. 1-22848
- Sutherland, S.H. see Lamoreaux, G.H. 1-41206
- Sutherland, W.H. see Taylor, J.P.S. 1-50716
- Sutin, A.M. see Donskoi, D.M. 1-15305
- Sutin, N. see Brunschwig, B.S. 1-31875
- Sutko, J.L. see Reeves, J.P. 1-32103
- Suto, A. Phase transition for Ising frustration potentials 1-12310
- Suto, A. Ising models without phase transitions 1-42980
- Suto, H. see Nemoto, M. 1-3724
- Suto, S. see Ikezawa, M. 1-12604
- Sutovsky, S. see Abdullaev, A. 1-32073
- Sutradhar, S.K. see Chattopadhyay, D. 1-42792
- Suttsch, P., Umlauf, E. Transport properties of (La, Pr)Sn₃ alloys at low temperatures 1-42741
- Suttsch, P. see Umlauf, E. 1-20705
- Sutter, D.H. A note on the off-diagonal elements of the density matrix in thermal equilibrium and thermal radiation 1-6754
- Sutter, H. see Birnbaum, G. 1-41472
- Sutter, L.V. Gain-switched pulsed RF CO₂ waveguide lasers 1-46385
- Sutter, L.V. see Hill, R.A. 1-41734
- Sutter, S.L. see Owarski, P.C. 1-41205
- Sutti, J. Adjustment of space intersections 1-13377
- Sutton, C. The glue in the atom (gluons) 1-10147
- Sutton, C. Saturn's secrets revealed 1-36213
- Sutton, C., Smith, D. Planet Earth—a view from above 1-22342
- Sutton, C. see Watts, S.J. 1-5648, 1-23518
- Sutton, D. see Fluendy, M.A.D. 1-41471
- Sutton, G.H. see Milholland, P. 1-11231
- Sutton, J. see Mansell, A. 1-17421
- Sutton, J.M. see Large, M.I. 1-49541
- Sutton, P.D., Stolte, W.J., Marsh, R.O. Structural cost optimization of photovoltaic central power station modules and support structure 1-21886
- Sutton, R.B. see Bionta, R.M. 1-28342
- Sutton, R.D. see English, D.T. 1-41211
- Sutton, R.W. Some aspects of computers in medicine 1-27018
- Sutton, S. see Ruckhin, D.S. 1-4254, 1-32134
- Sutton, W.H. see Oldfield, J.W. 1-12921
- Suttorp, L.G. Kinetic theory of self-diffusion in a moderately dense one-component plasma 1-24941
- Sutty, G. see Rounds, E.M. 1-33629
- Sutyagin, A.V. see Burachevskii, Y.A. 1-31317
- Suvarmeyer, E.P.T.M. see Aluja, A.J. 1-20530
- Suurmeijer, E.P.T.M. see Luijten, S.B. 1-21316
- Suurmeijer, E.P.T.M. see Luijten, S.B. 1-12619, 1-12620
- Suurmeijer, E.P.T.M. see Algra, A.J. 1-26346
- Suvarov, E.V., Friman, A.A. Specificity of the measurement of plasma optical thickness in stellarators at the second harmonic of the gyrofrequency 1-25019
- Suviolahti, M. Fourier series solution for a continuous circular cylindrical shell roof with a rigorous fulfillment of the edge conditions 1-6785
- Suvorin, V.V. see Belous, V.M. 1-23350
- Suvorov, A.E. see Prokhorov, N.G. 1-15064
- Suvorov, A.L., Razinkova, T.L., Sokolov, A.G. Computers in field ion microscopy 1-7055
- Suvorov, A.L. see Bobkov, A.F. 1-12641
- Suvorov, A.M., Tananayev, A.N., Cherkasov, L.V. Development of three-dimensional internal waves in fluids with shear flow 1-9167
- Suvorov, A.V. see Kalinina, E.V. 1-30813
- Suvorov, E.V. see Kushnir, V.I. 1-20032
- Suvorov, V.A. see Vysukubov, V.P. 1-46919
- Suvorov, V.D., Zonova, I.V., Shamshikov, I.F. Paleozoic deposits of the Nyuroldsk Basin (Western Siberian Plate) according to data of CMR 1-54038
- Suvorov, Yu.I. see Solyanik, O.A. 1-27311
- Suvorova, G.A. see Goldshtein, V.Ya. 1-8329
- Suvorova, G.F. see Chuprunov, E.V. 1-20025
- Suvorova, O.N. see Kutryeva, V.V. 1-16694
- Suvorova, Yu.V., Viktorova, I.V., Mashinskaya, G.P. Long-term failure of inelastic composites 1-12812
- Suwelack, D., Rothwell, W.P., Waugh, J.S. Slow molecular motion detected in the NMR spectra of rotating solids 1-31039
- Suwelack, D., Waugh, J.S. Quasistationary magnetization in pulsed spin-locking experiments in dipolar solids 1-21082

- Suxue Ji *see* Ji Suxue
- Suyazov, V.M. Motion of a ferrosuspension with deformable particles in rotating homogeneous magnetic fields 1-19823
- Suzaki, T., Komuro, Y., Tsuruta, H., Kobayashi, I. Application of exponential experiment to high subcriticality determination 1-45671
- Suzanne, J. *see* Coulomb, J.P. 1-11974
- Suzanne, J. *see* Shechter, H. 1-16176
- Suzdal'nitskii, I.D. The periodic problem of reinforcement of a plate weakened by a system of cuts using stringers 1-37785
- Suzeau, P. *see* Lamalle, B. 1-44960
- Suz'ko, A.A. *see* Zakhar'ev, B.N. 1-23622
- Suzuki, A., Fukawa, M., Kichimi, H., Ochiai, F., Sato, T., Sugahara, R., Yoshimura, Y., Takahashi, K., Okusawa, T., Takeo, Y., Terenaka, M., Kusumoto, O., Konishi, T. Rapidity distribution and charged multiplicity in high-energy pp interactions 1-23524
- Suzuki, A., Kawamura, K. Radiation effects on amorphous alloys 1-20258
- Suzuki, A., Kitamura, S. Combined photovoltaic and thermal hybrid collector 1-4190
- Suzuki, A., Tada, K. Fabrication of chirped gratings on GaAs optical waveguides 1-15256
- Suzuki, A., Yoshikawa, S. On the estimated error for pressure calibration of standard condenser microphones 1-15350
- Suzuki, A. *see* Kyuragi, H. 1-31178
- Suzuki, A. *see* Matsushita, T. 1-7657
- Suzuki, A. *see* Nakata, Y. 1-4162
- Suzuki, A. *see* Nunoi, T. 1-4188
- Suzuki, A. *see* Okamoto, T. 1-45726
- Suzuki, C. *see* Harada, I. 1-7828
- Suzuki, E. *see* Ishiguro, T. 1-24155
- Suzuki, H. Solid solution hardening in body-centred cubic alloys 1-3762
- Suzuki, H. Solid solution hardening 1-31478
- Suzuki, H., Hayashi, K., Taniguchi, Y. Effects of domain size of binder phase on high temperature strength of WC-Co cemented carbides 1-3912
- Suzuki, H., Hayashi, K., Taniguchi, Y., Matsubara, H. Bend-deformation behavior and transverse-rupture strength of WC-Co cemented carbide at elevated temperatures 1-26550
- Suzuki, H., Higashino, Y., Inoue, T. Canting antiferromagnetism in NdVO₃ 1-7815
- Suzuki, H., Higashino, Y., Ohtsuka, T. SQUID NMR studies of TmPO₄ 1-34954
- Suzuki, H., Taniguchi, Y., Hayashi, K., Sanuan, C. The β -free layer formed near the surface of sintered WC- β -Co alloy containing nitrogen 1-43343
- Suzuki, H., Tichy, J. Sound radiation from convex and concave domes in an infinite baffle 1-37644
- Suzuki, H. *see* Chang, T.Y. 1-19595
- Suzuki, H. *see* Fujimura, T. 1-8266
- Suzuki, H. *see* Hara, R. 1-34418
- Suzuki, H. *see* Hase, T. 1-16727, 1-20038, 1-21404, 1-21406, 1-31404
- Suzuki, H. *see* Hasegawa, Y. 1-16934, 1-21619
- Suzuki, H. *see* Ikegami, T. 1-16723, 1-39291
- Suzuki, H. *see* Ishikawa, K. 1-14909
- Suzuki, H. *see* Iwasa, I. 1-16140, 1-25526
- Suzuki, H. *see* Kanno, M. 1-26470
- Suzuki, H. *see* Mitomo, M. 1-21533
- Suzuki, H. *see* Nakachi, K. 1-48955
- Suzuki, H. *see* Osumi, Y. 1-20556
- Suzuki, H. *see* Wada, N. 1-10743
- Suzuki, H. *see* Yokoyama, T. 1-3795
- Suzuki, H.G. *see* Kurosawa, F. 1-43342
- Suzuki, I., Hisamatsu, Y., Masuko, N. Nature of atmospheric rust on iron 1-21633
- Suzuki, I.H., Brion, C.E., Weigold, E., Williams, G.R.J. Binding energies at different momenta for the valence orbitals of HCl by the binary (e,2e) method 1-1392
- Suzuki, I.H., Maeda, K. Simulated total electro-ionization efficiency curve of acetylene 1-6394
- Suzuki, I.H. *see* Brion, C.E. 1-6317
- Suzuki, J. *see* Kaga, K. 1-49003
- Suzuki, K. A simple theory for heat and mass transfer in a compressible turbulent boundary layer on a flat plate with foreign gas transpiration 1-24780
- Suzuki, K. Lysogenic bacteria under high pressures 1-43858
- Suzuki, K., Hoshino, T. Chemical pseudopotential theory of surface reconstruction 1-52402
- Suzuki, K., Ichihara, M., Nakagawa, K., Maeda, K., Takeuchi, S., Iwanaga, H. Direct observation of partial dislocation motion in H_2V_2 compounds 1-52139
- Suzuki, K., Inutake, M., Fujiwaka, S., Yao, M., Endo, H. Sound velocity and thermodynamic properties of expanded fluid mercury [metal-nonmetal transition] 1-25373
- Suzuki, K., Itoh, F., Misawa, M., Matsuura, M., Fukunaga, T. A correlation between atomic and electronic structure of Fe-B amorphous alloys [X-ray diffraction, XPS and Compton observations] 1-30084
- Suzuki, K., Kobayashi, A., Yanabu, S., Ikeda, H. Post-arc performance of gas blast circuit breaker for air and SF₆ 1-11617
- Suzuki, K., Lee, S.Y. Convergent theory for effective interaction in nuclei 1-50519
- Suzuki, K., Nakatsuka, T. Behavior of concrete in the compression zone of flexural members; a new testing method 1-43640
- Suzuki, K. *see* Adolf, A. 1-16120
- Suzuki, K. *see* Ato, Y. 1-20528
- Suzuki, K. *see* Hara, K. 1-20375
- Suzuki, K. *see* Hoshino, H. 1-25772
- Suzuki, K. *see* Iguchi, K. 1-16258
- Suzuki, K. *see* Itoh, F. 1-31223
- Suzuki, K. *see* Kakinuma, F. 1-20695
- Suzuki, K. *see* Kato, H. 1-32247
- Suzuki, K. *see* Kobayashi, A. 1-15985
- Suzuki, K. *see* Matsuura, M. 1-25981
- Suzuki, K. *see* Misawa, M. 1-30028
- Suzuki, K. *see* Nishi, Y. 1-25483, 1-30438
- Suzuki, K. *see* Saito, S. 1-37456
- Suzuki, K. *see* Shibuya, T. 1-11348
- Suzuki, K. *see* Takeda, H. 1-23829
- Suzuki, K. *see* Tokiguchi, K. 1-6974
- Suzuki, K. *see* Toriyama, K. 1-38279
- Suzuki, K. *see* Yao, M. 1-25771
- Suzuki, M. AC hopping condition in Mn-Co-Ni-Cu complex oxide semiconductors with spinel structure 1-20786
- Suzuki, M. Non-leptonic weak decay rate of explicitly flavored heavy mesons 1-40989
- Suzuki, M. Tunneling study of localized states in reserved region of Sb-doped Si 1-42860
- Suzuki, M. An envelope model of phi Persei 1-54521
- Suzuki, M., Amano, K., Mikami, H. Measurement of flow behind stationary cylinder placed in rotating gas 1-870
- Suzuki, M., Kato, K., Ikeda, H. Ultrasonic attenuation study of the order-parameter relaxation below the Neel temperature in Rb₂CoF₄ 1-12303
- Suzuki, M., Kawasaki, S. Development of computer code PRECIP-II for calculation of Zr-steam reaction. Comparison of calculation with experiments in temperature transient 1-810
- Suzuki, M., Maekawa, T., Kumeda, M., Nakao, A., Shimizu, T. Adsorption effects on ESR and conductance of RF sputtered a-Si films 1-21050
- Suzuki, M., Nakao, A., Maekawa, T., Kumeda, M., Shimizu, T. Doping effects of group-III and -V element on a-Si prepared by high pressure RF sputtering 1-4191
- Suzuki, M., Sawada, Y. Nonlinear oscillations of a polar-liquid column under unipolar-ion injection 1-33970
- Suzuki, M. *see* Handa, T. 1-12787
- Suzuki, M. *see* Hashimoto, Y. 1-45704
- Suzuki, M. *see* Iwata, K. 1-8961
- Suzuki, M. *see* Kanno, K. 1-48600
- Suzuki, M. *see* Nishimori, H. 1-30926
- Suzuki, M. *see* Okano, S. 1-52663, 1-52663
- Suzuki, M. *see* Suematsu, H. 1-38534
- Suzuki, M. *see* Tsuchiuchi, J. 1-41631
- Suzuki, M. *see* Wada, T. 1-54559
- Suzuki, M. *see* Watanabe, T. 1-15908
- Suzuki, N., Nishimura, K., Tokunaga, O. Radiation treatment of exhaust gases. NO removal in NO-H₂O-O₂-N₂ mixtures containing SO₂ 1-4230
- Suzuki, N., Ohtsuka, H., Sugie, T., Ogiwara, N., Kasai, S., Fujisawa, N., Maeno, M., Yamamoto, T., Nagashima, T., Imai, T., Fujii, T., Uehara, K., Yoshida, H., Funahashi, A., Takeuchi, H., Shoji, T., Kumagai, K., Kawakami, T., Yamauchi, T. Plasma surface interaction during RF heating on JFT-2 Tokamak 1-25039
- Suzuki, N., Ozaki, M., Ettemad, S., Heeger, A.J., MacDiarmid, A.G. Solitons in polyacetylene: Effects of dilute doping on optical absorption spectra 1-21245
- Suzuki, N. *see* Maeno, M. 1-29912
- Suzuki, N. *see* Matsuzaki, Y. 1-2226
- Suzuki, N. *see* Sakamoto, Y. 1-29922, 1-29941
- Suzuki, N. *see* Sasaki, K. 1-6683
- Suzuki, N. *see* Sato, H. 1-45019
- Suzuki, N. *see* Shimada, M. 1-11539
- Suzuki, N. *see* Tada, K. 1-21170
- Suzuki, N. *see* Takeuchi, H. 1-12286
- Suzuki, N. *see* Yoshikawa, M. 1-51371
- Suzuki, R. *see* Nakamura, M. 1-14063
- Suzuki, S., Dulk, G.A., Sheridan, K.V. Polarization and position measurements of type III bursts 1-4888
- Suzuki, S., Murakami, H., Takagi, M. X-ray Bragg reflection and infrared absorption topography of ferroelectric NaNO₂ 1-48069
- Suzuki, S., Stewart, R.T., Magun, A. Polarization of herringbone structure in type II bursts 1-4880
- Suzuki, S., Vergoten, G. A vibrational spectroscopic study on 1,1,2-tribromethane 1-45976
- Suzuki, S. *see* Aizawa, M. 1-22172
- Suzuki, S. *see* Aston, D. 1-50470
- Suzuki, S. *see* Barnes, A.J. 1-29135
- Suzuki, S. *see* Fukushima, M. 1-45770
- Suzuki, S. *see* Gary, D.E. 1-4891
- Suzuki, S. *see* Matsuoka, H. 1-21772
- Suzuki, S. *see* Nakamura, M. 1-38089
- Suzuki, S. *see* Obara, M. 1-33662
- Suzuki, S. *see* Saitoh, R. 1-33634
- Suzuki, S. *see* Shimizu, A. 1-14326, 1-45348
- Suzuki, S. *see* Sugi, H. 1-17442
- Suzuki, S. *see* Takeuchi, H. 1-6396, 1-52933
- Suzuki, S. *see* Terada, S. 1-14415
- Suzuki, T. Measurement of gamma photon distribution from narrow slit 1-1019
- Suzuki, T. Macroscopic structure of giant multipole resonance states 1-41028
- Suzuki, T., Hirose, M., Osaka, Y. Hydrogen implantation into CVD amorphous silicon 1-4192
- Suzuki, T., Kanazawa, M., Asai, K., Kikuchi, H., Takahashi, T. Performance of the model ML-15M111 clinical linear accelerator 1-17520
- Suzuki, T., Mikula, R.J., Garner, D.M., Fleming, D.G., Measday, D.F. Muon capture in oxides using the lifetime method 1-6353
- Suzuki, T., Miyake, K., Hara, T. Breakdown process in rod-to-plane gaps with DC voltages 1-20019
- Suzuki, T., Murakami, H., Saito, Y., Yamagishi, A., Inaba, H. Design and operational characteristics of a compact relativistic electron beam generator for the excitation of short wavelength lasers 1-24426
- Suzuki, T., Nagasawa, H. X-ray Compton profile of lithium in low momentum transfer region 1-43213
- Suzuki, T. *see* Doukas, A.G. 1-39865
- Suzuki, T. *see* Ichioka, Y. 1-46238
- Suzuki, T. *see* Kamimura, K. 1-7705, 1-8721, 1-25790
- Suzuki, T. *see* Kawaguchi, Y. 1-7639
- Suzuki, T. *see* Kimura, S. 1-32897
- Suzuki, T. *see* Matsuo, Y. 1-11858
- Suzuki, T. *see* Muto, S. 1-19332
- Suzuki, T. *see* Osterfeld, F. 1-50520
- Suzuki, T. *see* Takahashi, M. 1-25996
- Suzuki, T. *see* Tsunoyama, K. 1-30269, 1-53040
- Suzuki, T. *see* Yamaguchi, K. 1-7906
- Suzuki, T. *see* Yoshikawa, M. 1-51371
- Suzuki, Y. Status of JT-60 diagnostics 1-19963
- Suzuki, Y. Propagation of auroral infrasonic waves studied by ray-tracings 1-40243
- Suzuki, Y. Highly excited four-alpha-particle cluster structure of ¹⁶O with $J^\pi = \phi^+$ 1-50533
- Suzuki, Y., Masumoto, T., Ogura, T. Three-dimensional observation of plastic zone formed around fatigue cracks in a Fe-3%Si alloy 1-3893
- Suzuki, Y., Tsuchiya, Y., Kinoshita, K., Sugiyama, M., Inuzuka, E. Recent developments in picosecond streak camera systems 1-14198
- Suzuki, Y. *see* Hara, K. 1-3954, 1-47708
- Suzuki, Y. *see* Hirai, M. 1-2436
- Suzuki, Y. *see* Ito, K. 1-13298
- Suzuki, Y. *see* Kaneda, E. 1-32538
- Suzuki, Y. *see* Matsuura, M. 1-44117
- Suzuki, Y. *see* Nakamura, M. 1-26870
- Suzuki, Y. *see* Ninomiya, H. 1-911
- Suzuki, Y. *see* Noguchi, Y. 1-46376
- Suzuki, Y. *see* Saegusa, T. 1-36683
- Suzuki, Y. *see* Schiller, N.H. 1-10038
- Suzuki, Y. *see* Yamazaki, T. 1-31737
- Suzuki, Z. *see* Koyama, J. 1-54288
- Suzuki Manasu *see* Manasu Suzuki
- Suzumura, N., Katano, K., Seo, M., Iwata, A., Ishii, N. Data processing system for medical time series signals 1-40015
- Suzumura, N. *see* Ishii, N. 1-26902
- Suzumura, T. *see* Sugiura, K. 1-9339
- Suzumura, Y., Fukuyama, H. Theory of pressure dependence of the upper transition temperature of TTF-TCNQ 1-7523
- Suzumura, Y., Fukuyama, H. First order phase transition of TTF-TCNQ under high pressure 1-20377
- Suzuki, Y. *see* Mizutani, T. 1-43062
- Svagr, V. Measuring deformations by a He-Ne laser beam using electronic detectors 1-50100
- Svalgaard, L. *see* Scherrer, P.H. 1-22750
- Sval'nov, V.N. *see* Sevast'yanova, Ye.S. 1-4491
- Svanberg, S. Lasers as probes for air and sea 1-21964
- Svanholt, H. *see* Bak, B. 1-14870, 1-51184
- Svensson, A. Exchange of water and salt in the Baltic and adjacent seas 1-27202
- Svarc, A., Bajzer, Z. The extraction of the neutron-neutron scattering length from muon capture by a deuteron 1-571
- Svare, I., Raen, A.M., Ottes, K. Motion of NH₄⁺ in ammonium perchinate and periodate 1-12420
- Svarichskii, A.S. *see* Solov'ev, S.I. 1-13456
- Svatko, S.V. *see* Golub, A.A. 1-2763
- Svatos, J. Intrinsic polarization variations of Mira late-type stars due to optical changes of irradiated grains 1-40489
- Svavil'ni, N.E. *see* Romanyuk, L.I. 1-38118
- Svavil'ni, N.E. *see* Romanyuk, L.I. 1-25098, 1-52013
- Svec, H.J. *see* Houk, R.S. 1-50259
- Svec, K. *see* Safirata, R.S. 1-27975
- Svec, T. *see* Zentko, A. 1-47863
- Svechkarov, I.V. *see* Butylenko, A.K. 1-39313
- Svechkarov, M.A., Tsyupsov, A.D. On the stability margin or equilibrium states of a capillary liquid in a slit 1-2549
- Svechnikov, G.S. *see* Valakh, M.Ya. 1-3420

- Svedas, K. *see* Krupickas, R. 1-13460
 Svedas, V.J. *see* Serapinas, P.D. 1-19863
 Svedberg, R.C. Hydrogen permeability through rhodium and an Mo-Re alloy with and without chemically vapor-deposited tungsten coatings 1-11916
 Svedberg, R.C., Buckman, R.W., Jr., Bowen, W.W. W-Re composite tube fabricated by chemical vapor deposition for application in an 1800°C high thermal efficiency fuel-processing furnace 1-12669
 Svejcar, J. *see* Fremunt, P. 1-48632
 Sveda, B. *see* Farlik, A. 1-25069
 Svelto, O., Zaraga, F. Laser applications 1-41713
 Svelto, O. *see* Andreoni, A. 1-35828
 Svelto, O. *see* Cubeddu, R. 1-6550
 Svendsen, L.G. *see* Oron, M. 1-29312
 Svendsen, P. *Just see* Just Svendsen, P.
 Svensson, C. *see* Abrahams, S.C. 1-38526
 Svensson, E.C. *see* Buyers, W.J.L. 1-47874
 Svensson, E.C. *see* Cowley, R.A. 1-21003
 Svensson, H. *see* Brahme, A. 1-26995, 1-53902
 Svensson, N.L., Valliappan, S., McMahon, R. Finite element analysis of a simulated total hip replacement 1-49160
 Sverbilova, T. *see* Shmueli, U. 1-38331
 Sverbilova, T. *see* Steinberg, V. 1-7676, 1-39312
 Sverbilova, T. *see* Voronel, A. 1-2599
 Sverdichenko, B.D., Pritsker, V.I. High-resolution sine-cosine signal interpolator 1-27918
 Sverdichenko, V.D. *see* Pritsker, V.I. 1-29522
 Sverdlov, B.N. *see* Bezotsnyi, V.V. 1-46390
 Sverdlov, Ju.L. *see* Izhevskaya, N.I. 1-44391
 Sverdlov, L.M. *see* Korostelev, Yu.S. 1-19076
 Sverdlov, L.M. *see* Sokolov, M.P. 1-46016
 Sverdlov, V.Ya., Berdnik, A.P., Tikhonovskii, M.A., Arzhavintsev, V.M., Somov, A.I. Microstructure and properties of the superconducting eutectic composition Zr-Zr₂V. II. Superconducting transition, microhardness, and electrical resistance 1-38877
 Sverdlov, V.Ya., Somov, A.I., Tikhonovskii, M.A. Microstructure and properties of the superconducting eutectic composition Zr-Zr₂V. I. Influence of the crystallization conditions and niobium and iron additions on the microstructure 1-39328
 Sverdlov, Yu.L. *see* Uspensky, M.V. 1-44365
 Sverdrup, K.A. *see* Okal, E.A. 1-27087
 Svergun, D.I. *see* Rol'bin, Yu.A. 1-2283
 Sveshnikov, V.M. *see* Gorshkova, M.A. 1-23367
 Sveshnikova, E.B., Timofeev, N.T. Breakdown of cascading of nonradiative transitions in the Pr³⁺ ion 1-3473
 Svet, D. The problems of radiation pyrometry and some new possibilities of their solution 1-27985
 Svetitsky, B. *see* McLerran, L.D. 1-33106
 Svetitsky, B. *see* Weinstein, M. 1-516
 Svetlichnyi, I.B. *see* Kudryavtsev, N.N. 1-10983
 Svetlov, M.N., Kocherga, Yu.P. Automated spectrometer for angular correlations of electron-positron annihilation with programmable multi-cycle algorithm 1-37080
 Svezhova, S.I. *see* Mironov, L.V. 1-7882
 Sviderskaya, Z.A. *see* Dritis, M.E. 1-16818
 Svidzinski, K.K. Theory of Bragg diffraction by limited-aperture gratings in a planar optical waveguide 1-46595
 Svimonishvili, I.I. *see* Mikhailovskii, A.B. 1-2220
 Svinarenko, O.P. *see* Azhazha, V.M. 1-31352
 Svinin, M.V. *see* Kravpitskii, E.I. 1-27288
 Svinin, M.V. *see* Yanshevskii, Yu.-P. 1-27287
 Sviridenko, I.P. *see* Arsen'ev, B.V. 1-15485
 Sviridenko, Yu.P. *see* Baakev, V.G. 1-1611
 Sviridenko, A.A. *see* Baev, V.M. 1-1563, 1-5412
 Sviridov, D.T. The basic symmetry element of n-dimensional crystallography (n=1,2,...,∞) 1-30122
 Sviridov, I.F. Phonon entrainment in deformed p-GaAs samples 1-2574
 Sviridov, I.F. Strain-sensitive characteristics of specimens obtained from compacted p-type gallium arsenide powders 1-21129
 Sviridov, V.V. *see* Biktimirov, R.S. 1-28102
 Sviridov, V.V. *see* Kuz'michev, A.A. 1-8145
 Sviruknov, P.N. Laser breakdown in small transparent particles 1-26125
 Sviruknov, P.N. *see* Budnik, A.P. 1-24341
 Sviruknov, P.N. *see* Wittberg, T.N. 1-43573
 Svislunov, V.M., Belogolovskii, M.A., Tarenkov, V.Yu., Tsapko, N.D. Influence of pressure on interference effects in contacts between normal and superconducting metals 1-3115
 Svislunov, V.M., Chernyak, O.I., Belogolovskii, M.A., D'yachenko, A.I. Electron-phonon interaction in lead and lead-indium alloys under pressure 1-42895
 Svislunov, V.M. *see* Mostovoi, V.M. 1-42495
 Svislunov, V.M. *see* Revenko, Yu.F. 1-20921, 1-47803
 Svislunov, Yu.I. *see* Budanov, V.G. 1-22184
 Svislunova, T.N. *see* Mamedov, A.M. 1-21230
 Svislunova, T.N. *see* Kolotyrlkin, Ya.M. 1-53347
 Svitashov, K.K. *see* Rzhano, V.F. 1-33038
 Svitich, Yu.V. *see* Sukhovorov, A.V. 1-26466
 Svoboda, J., Katz, S., Fitch, W. Minimizing the pressure loss of wafer type swing check valves 1-38024
 Svobodova, A. *see* Lukac, P. 1-43409, 1-43413
 Svrakle, N.M. Critical temperatures of Ising models 1-23122
 Svrakle, N.M., Pandit, R., Wortis, M. Surface thermodynamic functions of the Ising model from a renormalization group 1-3202
 Sytato, V.P. *see* Babenko, V.V. 1-667
 Sytato, V.P. *see* Vishnevskii, I.N. 1-23584
 Swain, M.V. The deformation associated with the scoring of soda-lime float glass with a disc cutter 1-39370
 Swain, M.V. Nickel sulphide inclusions in glass: an example of microcracking induced by a volumetric expanding phase change 1-39428
 Swain, P.H. *see* Siegel, H.J. 1-9297
 Swain, W.T. *see* Nutt, R. 1-28720
 Swalen, J.D., Sprokel, G.J. Liquid crystal-surface interactions by surface plasmons 1-39175
 Swalen, J.D. *see* Girlando, A. 1-35054
 Swales, P.D. *see* Gentle, C.R. 1-53931
 Swallow, D.W., Sonju, O.K., Burry, R.V., Cooper, R.F. High-power MHD system combustor development testing 1-13146
 Swallow, E.C. *see* Ambats, I. 1-1026
 Swallow, E.C. *see* Lockyer, N. 1-18503
 Swallow, J.C. *see* Bruce, J.G. 1-27176
 Swallow, J.C. *see* Duing, W. 1-27208
 Swami, T.K.G., Chung, Y.W. Deformation enhanced photoemission from oriented aluminum single crystal surfaces 1-16665
 Swaminathan, B., Demoulin, E., Sigmon, T.W., Dutton, R.W., Reif, R. Segregation of arsenic to the grain boundaries in polycrystalline silicon 1-20387
 Swaminathan, K., Tewari, S.P. Dynamics of non-crystalline polyethylene 1-34448
 Swaminathan, K. *see* Tewari, S.P. 1-7071
 Swaminathan, V. *see* Anthony, P.J. 1-37507
 Swamy, K.M. *see* Narayana, N.L. 1-42469
 Swamy, K.S. Krishna *see* Krishna Swamy, K.S.
 Swamy, T.N. Ranga *see* Ranga Swamy, T.N.
 Swan, M.A. *see* Griffiths, I.D. 1-1787
 Swan, M.J. *see* Rayner, G.H. 1-9963
 Swan, P.R., Lee, I.Y. Meteorological and air pollution modeling for an urban airport 1-21950
 Swanberg, C.A., Morgan, P. The silica heat flow interpretation technique: assumptions and applications 1-40222
 Swanenburg, B.N. *see* Bignami, G.F. 1-36429
 Swanenburg, B.N. *see* Caraveo, P.A. 1-22865
 Swanenburg, B.N. *see* Kanbach, G. 1-13792
 Swanenburg, B.N. *see* Pollock, A.M.T. 1-44631
 Swank, J.H. *see* Kaluzienski, L.J. 1-22925
 Swann, P.R. Side entry specimen stages 1-393
 Swansen, J.E., Collinsworth, P.R., Krick, M.S. Shift-register coincidence electronics system for thermal neutron counters 1-18978
 Swanson, G. *see* Leith, E. 1-11082
 Swanson, G. *see* Leith, E.N. 1-51325, 1-51396
 Swanson, H.E. *see* Adelberger, E.G. 1-37352, 1-50555
 Swanson, J.R. *see* Dill, D. 1-14968
 Swanson, M.L., Howe, L.M., Quenneville, A.F. Trapping of irradiation-induced defects by tin atoms in an Al-0.3 at.% Sn crystal 1-11793
 Swanson, M.L., Howe, L.M., Quenneville, A.F., Dimitrov, C. Channeling measurements of interstitial trapping in Al-0.07 at.% Cr crystals 1-20282
 Swanson, M.L., Saltovoid, J.R., Kovacs, W.A. DIAPROF: a fuel bundle gauging device 1-23771
 Swanson, M.L. *see* Hauser, O. 1-34963
 Swanson, M.S. Kink states from the boson transformation 1-5500
 Swanson, P.D. *see* Yoshida, M. 1-21989
 Swanson, P.N. *see* Murphy, J.P. 1-49512
 Swanson, R.M. Recent developments in thermophotovoltaic conversion 1-43776
 Swanson, R.M. *see* Borsuk, J.A. 1-25796
 Swanson, R.M. *see* Horowitz, C.M. 1-12136
 Swanson, S.R. *see* Rudloff, F.A. 1-21914
 Swantner, W. Geometrical optics of high energy laser (HEL) components 1-46221
 Swantner, W.H. *see* Haylett, C.R. 1-5366
 Swamy, K.Narayana *see* Narayana Swamy, K.
 Swaroop, N., Gordon, G.A. Transport in oriented bottles made from polyester resins 1-30481
 Swaroop, R.B. *see* Bonar, J.A. 1-3944
 Swart, F.E. *see* Brey, H.L. 1-50788
 Swart, F.E. *see* Olson, H.G. 1-36987, 1-36988, 1-37008, 1-37009
 Swart, J.J. *see* de Swart, J.J.
 Swart, J.J. Short wavelength spectral response of the tandem junction solar cell 1-48846
 Swarts, C.A., Barton, J.J., Goddard, W.A., III, McGill, T.C. Chemisorption of Al and Ga on the GaAs (110) surface 1-16171
 Swarts, C.A., Goddard, W.A., III, McGill, T.C. Theoretical studies of the reconstruction of the (110) surface of III-V and II-VI semiconductor compounds 1-16327
 Swartz, C.K. *see* Weinberg, I. 1-39794
 Swartz, H.M. *see* Sturiniolo, D. 1-28745
 Swartz, J.C., Lemmon, D.H., Thomas, R.N. Optical excitation spectra of selenium-doped silicon 1-16590
 Swartz, M. *see* Millard, R. 1-4645
 Swartz, R.G., Plummer, J.D. On the generation of high-frequency acoustic energy with polyvinylidene fluoride 1-24636
 Swarup, S. Mass transfer from a porous circular cylinder with second order surface reaction 1-24874
 Wayne, D.A. *see* Lawson, J.D. 1-19544
 Swarengen, J.C. *see* Rohde, R.W. 1-12786, 1-26532
 Swedan, S.A. *see* Subramanyam, K.M. 1-20736
 Swedish, M.J. *see* Epstein, M. 1-42515
 Swedlow, J.L. *see* Smelser, R.E. 1-31601
 Swee Lian Tan *see* Aronson, M. 1-37226
 Sweedler, A.R. *see* Lambert, S.E. 1-34837
 Sweeney, D.U. *see* Basov, N.G. 1-25084
 Sweeney, D.W., Stevenson, W.H., Gallagher, N.C. Holography at 10.6 μm 1-15129
 Sweeney, D.W. *see* Lucht, R.P. 1-10768
 Sweeney, F.J., Robinson, J.C. Relative importance of attenuation and reactivity effects in explaining local and global BWR neutron noise 1-18829
 Sweeney, G.G. *see* Pebler, A. 1-31766
 Sweeney, J.F. Arctic seal: past and present 1-40112
 Sweeney, M.A., Farnsworth, A.V., Jr. High-gain, low-intensity ICF targets for a charged-particle beam fusion driver 1-45728
 Sweeney, P.J.P. *see* Bates, B. 1-17775
 Sweet, M.A.S., Urquhart, D. A new procedure for analysing complex thermoluminescence 1-43192
 Sweetnam, D.N. *see* Klore, A.J. 1-40401
 Swegle, J. Equilibrium for cylindrical, magnetically insulated ion diodes assuming adiabatic turn-on 1-38159
 Swegle, J.W. *see* Chhabildas, L.C. 1-7259
 Swegart, A.V. Survey of some recent stellar-evolution calculations 1-17832
 Swell, P.B., Champness, C.H., El Azab, M., Genanoui, F. Extent of CdSe presence at 'formed' Se-Cd contacts 1-7478
 Swendsen, R.H. *see* Blote, H.W.J. 1-21008
 Swenson, D.V. *see* Foster, J.P. 1-37000
 Swenson, G.W., Jr. *see* Webber, J.C. 1-22910
 Swenson, L.D. *see* Umek, A.M. 1-14635
 Swenson, R.J. Derivation of an expression for the speed of a temperature wave 1-37763
 Swenson, R.P., Jr. Gating charge immobilization and sodium current inactivation in internally perfused crayfish axons 1-8840
 Swenson, R.R. *see* Judy, P.J. 1-40001
 Swett, K., Hambrey, M.J., Johnson, D.B. Rock glaciers in northern Spitsbergen 1-27162
 Swiatecki, W.J. Three lectures on macroscopic aspects of nuclear dynamics 1-14553
 Swider, W. *see* Murad, E. 1-40178
 Swiderski, J. Inhomogeneity complexes in semiconductor materials and structures 1-2489
 Swiderski, J. *see* Swoboda, J. 1-30577
 Swieca, J.A. Screening and confinement in soluble models 1-28216
 Swiecki, Z., Tatarski, J., Wala, D. On the combined effect of ZrO₂, TiO₂, Al₂O₃, ZnO, LiF, MgF₂ and Al additions on the properties of the sintered magnesium oxide 1-31396
 Swiecki, Z., Tatarski, J., Wala, D. On the influence of ZnO, NiO, Cr₂O₃, Sb₂O₃, V₂O₅, AgNO₃ and furfuryl alcohol additions on the properties of sintered alumina 1-31397
 Swierczynski, R. *see* Galkowski, A. 1-37018
 Swierkowski, L., Zawadzki, W. Resonant and non-resonant polarons in narrow gap semiconductors 1-47508
 Swierkowski, L. *see* Gortel, Z.W. 1-47561
 Swietlicki, B. *see* Ciurapinski, W. 1-15261
 Swietlik, R. *see* Graja, A. 1-39066
 Swietochowski, J. The analytical description of the photometric current distribution in a spectrophotometer 1-5411
 Swift, A. *see* Iccerman, L. 1-35604
 Swift, C.T., Harrington, R.F., Thornton, H.F. Airborne microwave radiometer remote sensing of lake ice 1-32482
 Swift, D.A. Flashover across the surface of an electrolyte: arresting arc propagation with narrow metal strips 1-11605
 Swift, D.A. The electrical discharge 1-46934
 Swift, D.A. *see* Ackland, B.B. 1-15741
 Swift, D.A. *see* Barber, P.B. 1-15326
 Swift, G. *see* Wehring, B.W. 1-50669
 Swift, G.W., Eisenstein, J.P., Packard, R.E. Measurement of anisotropy in the dielectric constant of ³He-A 1-25521
 Swift, G.W. *see* Eisenstein, J.P. 1-16133, 1-20497
 Swift, H.F. Application of new electrooptical technology to high-speed photography 1-367
 Swift, J., Kulkarni, A. Electric field effect in a conducting binary crystal mixture 1-16019
 Swift, J., Mulvaney, B.J. Anisotropic dispersion and attenuation of sound near the nematic-smectic-A phase transition 1-20317
 Swift, K.M. *see* Webb, J.D. 1-37176
 Swift, P. *see* Bird, R.J. 1-28128

- Swift, R.N. *see* Hoge, F.E. 1-8785
- Swiggard, E.M. *see* Stauss, G.H. 1-12393
- Swilling, G., Gschneider, K.A., Jr. Preparation of gadolinium metal by the electrolysis of Gd_2O_3 . II. Deposition morphology and chemical purity 1-35219
- Swinkbank, E. A study of the Crab Nebula. II. Radio emission from the filaments 1-13837
- Swindell, G.E. Obtaining safety assurance through international agreements 1-33310
- Swindell, W. *see* Gmitro, A.F. 1-53879
- Swindell, W. *see* Greivenkamp, J.E. 1-39987
- Swindle, D.W., Jr. *see* Cooley, J.N. 1-14606
- Swindlehurst, W.E. *see* Nielsen, A. 1-12875
- Swinerd, G.G. *see* Freedman, A. 1-24735
- Swings, J.P. RX Puppis 1-32707
- Swings, J.P., Barbier, R., Klutz, M., Surdej, A., Surdej, J. Correlations between line-profile and photometric variations in the B2 IV [e] star HD 45677 1-13774
- Swings, J.P. *see* Surdej, A. 1-40545
- Swinboe, M.T. *see* Fowler, J.L. 1-10593
- Swiniarski, R. *see* de Swiniarski, R.
- Swinkels, F.B., Ashby, M.F. A second report on sintering diagrams 1-39261
- Swineea, J.S., Steinfeld, H. Preparation and physical properties of one-dimensional structures: $Ba_2(Fe_2S_4)_2$ 1-13970
- Swinney, K.R., Wikswo, J.P., Jr. A calculation of the magnetic field of a nerve action potential 1-13262
- Swinson, W.F. *see* Schaeffel, J.A. 1-1786
- Swirczynski, T. *see* Chu, W.-K. 1-53908
- Swisher, J.H. Hydrides versus competing options for storing hydrogen in energy systems 1-21933
- Swislow, G. *see* Nishio, I. 1-42283
- Swislow, G. *see* Shao-Tang Sun 1-29155
- Swislow, G. *see* Tanaka, T. 1-15786, 1-43707
- Switendick, A.C. Electronic structure of non-stoichiometric cubic hydrides 1-20622
- Switkowski, Z.E. *see* Kennett, S.R. 1-5815
- Switzer, P. *see* Marsh, S.E. 1-32550
- Swoboda, C. *see* Hornstra, F. 1-53606
- Swoboda, G. *see* Bertagnolli, E. 1-42395
- Swoboda, J., Swiderski, J. Heterogeneity complexes in epiplanar structures 1-30577
- Swofford, R.L., Albrecht, A.C. Nonlinear spectroscopy 1-10718
- Swofford, R.L. *see* Fang, H.L. 1-14860
- Swolls, A.E.M. *see* Calis, G.H.M. 1-10055
- Sworakowski, J. *see* Miniewicz, A. 1-31092
- Swuste, C.H.W., Phaff, A.C., de Jonge, W.J.M. Excitations and magnetic ground state in $Co(pyrr)_2Cl_2$ 1-25880
- Swyer, K.J. *see* Levy, P.W. 1-2512
- Swyd, D. *see* Jensen, S. 1-18195
- Swyd, D.A., Jensen, S.W. Measurements of small dimensions of products and by-products 1-27926
- Sy, C.C. *see* Ross, L.E. 1-53585
- Sya, C.L., Guwua, L.T., Rogers, W.H. Occupational radiation exposure review at Georgia Power Company's Hatch Nuclear Plant 1-28734
- Syachinov, V.I. *see* Gorodetskii, A.K. 1-13569
- Syamal, A. *see* Bhat, N.V. 1-12601
- Syamala Rao, B.C. *see* Veerabhadra Rao, P. 1-26630
- Syamalamba, Y. *see* Naidu, B.S. 1-34704
- Sych, I.I. *see* Larikov, L.N. 1-16276, 1-47613
- Sych, A.A. *see* Babenko, V.A. 1-51500
- Sychev, N.I. *see* Kalishchev, G.I. 1-20419
- Sychev, P.E. *see* Pakhomov, E.P. 1-15667
- Sychev, V.V. Asymptotic theory of nonstationary separation 1-24854
- Sychev, V.V. *see* Avanesov, A.G. 1-6579
- Sychev, Yu.N. *see* Melikhov, I.V. 1-34264
- Sychikov, G.I. Decay scheme of ^{110m}In 1-28408
- Sychugov, V.A., Tishchenko, A.V. Change of polarization of light in a corrugated waveguide 1-11088
- Sychugov, V.A., Tulaikova, T.V. Method for preparing photoresist grating masks 1-51646
- Sychugov, V.A. *see* Lyndin, N.M. 1-1727
- Sychugov, V.A. *see* Parriaux, O. 1-51611
- Sychugov, V.A. *see* Spikhalskii, A.A. 1-1726
- Sychugov, V.A. *see* Stepanov, S.S. 1-1728
- Sydor, A. *see* Neresov, I.L. 1-22247
- Sydora, R. *see* Wescott, E.M. 1-40251
- Syed, A.A., Brown, J.D., Oliver, M.J., Hills, S.A. The cepstrum: a viable method for the removal of ground reflections 1-1790
- Sykes, A.L., Wagoner, D.E., Decker, C.E. Determination of perchloroethylene in the sub-parts-per-billion range in ambient air by gas chromatography with electron capture detection 1-21799
- Sykes, B.D. *see* Lee, L. 1-9055
- Sykes, D.E. *see* Walls, J.M. 1-21824
- Sykes, J.L. *see* Ma, R.Y.P. 1-32310
- Sykes, M.F., Gaunt, D.S., Glen, M. Perimeter polynomials for bond percolation processes 1-27893
- Sykes, R.I. On three-dimensional boundary layer flow over surface irregularities 1-15468
- Sykes, R.I. An asymptotic theory of incompressible turbulent boundary-layer flow over a small hump 1-33951
- Sykes, R.W. Indium phosphide-Langmuir film MIS devices 1-47756
- Sykes, S.G., Petersen, G.W. Computer generated interpretive soil maps from soil survey data 1-9303
- Sykora, M. *see* Buchar, J. 1-12801, 1-47118
- Sylvester, N.D., Dowling, R.H., Brill, J.P. Drag reduction in cocurrent horizontal natural gas-hexane pipe flow 1-46814
- Sylwester, B., Sylwester, J., Jakimiec, J., Kornew, V.V., Mandelstam, S.L., Zhitnik, I.A., Valnicek, B. Analysis of the X-ray spectra emitted by the 24 October 1970 flare 1-49598
- Sylwester, B. *see* Kornew, V.V. 1-36259
- Sylwester, J., Schrijver, J., Mewe, R. Multitemperature analysis of solar X-ray line emission 1-4852
- Sylwester, J. *see* Sylwester, B. 1-49598
- Symanowski, H.-M. Evaluation of the noise and of audible warning signals from track-laying machines 1-41916
- Symanzik, K. *see* Luscher, M. 1-424
- Symbalisty, E.M.D., Yang, J., Schramm, D.N. Neutrinos and the age of the Universe 1-13894
- Symes, W.W. Hamiltonian group actions and integrable systems 1-32936
- Symonds, P.A. *see* Willcox, J.B. 1-40081
- Symonds, P.S. Finite elastic and plastic deformations of pulse loaded structures by an extended mode technique 1-33907
- Symons, M.C.R. Some electron-gain and electron-loss reactions of molecules and ions in condensed phases 1-53441
- Symons, M.C.R., Griller, D. Lack of orbital following: its significance in the interpretation of EPR data 1-14146
- Symons, M.C.R. *see* Samskog, P.-O. 1-37227
- Symons, S.A. *see* Brady, M.M. 1-53777
- Symons, T.J.M. *see* Back, B.B. 1-45552
- Symons, T.J.M. *see* Bini, M. 1-14541
- Symons, T.J.M. *see* Lebrun, D. 1-41089
- Symons, W.J. *see* Preston, H.E. 1-51071
- Syn Chan Van *see* Pan Syn Chan
- Syndulko, K. *see* Rohrbaugh, J.W. 1-8843
- Synek, M., Ramirez, R. Analytical SCF wave functions for excited states of DY^{2+} 1-6153
- Syngellakis, S., Walker, A.C. Elastic buckling of cylinders with widely spaced stiffeners 1-6804
- Synnot, S.P. 1979 J. 1-1-44476
- Synorov, V.F. *see* Strygin, V.D. 1-8451
- Synorov, V.F. *see* Sysoev, B.I. 1-30835, 1-52655
- Syonyaer, R.A. *see* Zel'dovich, Ya.B. 1-32789
- Syono, Y. *see* Nakagawa, Y. 1-34181
- Sypko, A.V. *see* Gorovoi, V.A. 1-21377
- Syrbu, A.V. *see* Andreyev, V.M. 1-21371
- Syrchin, A.F. *see* Kuptsov, V.M. 1-37983
- Syrett, B.C., Cubicciotti, D., Jones, R.L. The origin of variations in the iodine stress corrosion cracking susceptibility of commercial Zircaloy-2 tubings 1-3970
- Syrett, B.C., Jones, R.L., Cubicciotti, D. The effect of axial stress to hoop stress ratio on the susceptibility of unirradiated Zircaloy-4 to iodine stress corrosion cracking 1-33296
- Syrkin, E.S. *see* Morgun, V.N. 1-47603
- Syromyatnikov, V.N. *see* Dubinin, S.F. 1-7810, 1-43335
- Syrovatkii, S.I., Kuznetsov, V.D. On the possibility of radio observations of current sheets on the Sun 1-4901
- Syrovatkii, S.I. *see* Bulanov, S.V. 1-38069
- Syrovatkii, S.I. *see* Kuznetsov, V.D. 1-54451
- Syrovatkii, S.I. *see* Somov, B.V. 1-4844
- Syrykh, G.F., Zemlyanov, M.G., Chernoplekov, N.A. Influence of Al impurity atoms on the phonon spectrum of V_3Ge 1-25393
- Sysoev, A.A. *see* Ramendik, G.I. 1-52007
- Sysoev, B.I., Bezryadin, N.N., Synorov, V.F. Influence of fixed charge in the dielectric on the capacitance-voltage characteristics of MS/DS structures 1-30835
- Sysoev, B.I., Bezryadin, N.N., Synorov, V.F., Martynova, N.A. Effect of interface states on the electrostatic characteristics of MS/DS structures 1-52655
- Sysoev, N.N., Shugaev, F.V. Transient reflection of shock wave from a sphere and a cylinder 1-29723
- Sysoev, N.N. *see* Nosenko, N.I. 1-51810
- Sysoev, V.G., Babel, Yu.I., Tsarenko, P.I. Calculating the heating temperature of metal in electrohydroimpulse treatment of metals 1-35439
- Sysoev, V.G. *see* Babel, Yu.I. 1-2673
- Sysoev, V.K. *see* Dianov, E.M. 1-35005, 1-35006
- Sysoeva, L.M. *see* Gruzinov, B.F. 1-38789
- Sysoeva, L.N. *see* Kupriyanova, T.A. 1-48763
- Sysoeva, T.F. *see* Agre, V.M. 1-20180, 1-25251
- Sytin, A.N. *see* Dunaitzev, A.F. 1-14776
- Syunyayev, R.A. *see* Kolychalov, P.I. 1-22788
- Syunyayev, R.A. *see* Vainshteyn, A.B. 1-22897
- Syunyayev, R.A. *see* Zel'dovich, Ya.B. 1-5005
- Syutkina, L.N. *see* Melikov, Yu.V. 1-5814
- Syvortok, O.M. *see* Minkovich, E.N. 1-17047
- Szablewski, W. Nearly homogeneous shear flows 1-33952
- Szabo, A., Nador, Cs., Kun, B., Horvath, L., Szamel, F., Edelmayer, J. Continuous industrial density measurement by means of a vibrating system 1-27933
- Szabo, A. *see* Jessop, P.E. 1-12537, 1-31186
- Szabo, G. *see* Bor, Zs. 1-19331
- Szabo, G. *see* Garcia, R.I. 1-35841
- Szabo, G. *see* Rac, B. 1-51474
- Szabo, Gy. *see* Kover, A. 1-10818
- Szabo, J. Computerised problem solving in photogrammetry 1-14190
- Szabo, L. *see* Gloetzer, L. 1-28088
- Szabo, P. Optimization of quantitative X-ray diffraction analysis 1-34196
- Szabo, P., Szabo, P. Remarks on the theory of disorder diffraction 1-11637
- Szabo, P. *see* Szabo, P. 1-11637
- Szabo, P.P., Felszerfalvi, J., Lenart, A. Energy dependence of $CaSO_4:Dy$ and LiF TLDs 1-950
- Szabo, P.P., Felszerfalvi, J., Lenart, A. Energy dependence of $CaSO_4:Dy$ and LiF TLDs 1-28835
- Szadkowski, A.J. *see* Yacobi, B.G. 1-42640
- Szalay, A.S. Limits on neutrino degeneracy from early nucleosynthesis 1-14314
- Szalewicz, K. *see* Chalasinski, G. 1-14980
- Szalewicz, K. *see* Jezorski, B. 1-29076
- Szameitat, J. *see* Legemann, D. 1-53958
- Szamel, F. *see* Szabo, A. 1-27933
- Szamej, L., McCorkle, D.L., Christophorou, L.G., Spyros, S.M. Electron attachment to halocarbons 1-37346
- Szaniawski, I. General education, general-technical education and integration 1-36474
- Szaniecki, J. On applicability of the self-consistently renormalized spin wave theory for Heisenberg ferromagnet in the critical region 1-34871
- Szargut, J. International progress in second law analysis 1-14084
- Szarka, K. *see* Wenzel, G. 1-361
- Szarras, S. *see* Naumowicz, P. 1-30116
- Szasz, A. *see* Batirev, I.G. 1-2862
- Szasz, D. Joint diffusion on the line 1-9931
- Szasz, Gy.I., Heinzinger, K., Palinkas, G. The structure of the hydration shell of the lithium ion 1-46974
- Szasz, L. Self-consistent field with pseudopotentials. II. Average energy of configuration calculations for atoms between lithium and krypton 1-37092
- Szasz Csik, Z. *see* Romhanyi, K. 1-21580
- Szatkowska, J. *see* Gasiorow, S. 1-16728
- Szatkowski, J. *see* Fabisiak, K. 1-12657
- Szatmari, S. *see* Rac, B. 1-51474
- Szauer, T., Klenowicz, Z., Szklarska-Smialowska, Z. Inhibition by oleates of various amines in temporary protective coatings on mild steel. I. Electrochemical and electrical investigations 1-31723
- Szauer, T., Klenowicz, Z., Szklarska-Smialowska, Z. Inhibition by oleates of various amines in temporary protective coatings on mild steel. II. Chemical investigations 1-39513
- Szawłowski, M. *see* Albini, E. 1-23999
- Szczepanski, J. *see* Konfal, Z. 1-51503
- Szczeklik, J. An interference method for determination of roughness of very smooth surfaces 1-44997
- Szczeklik, J., Schabowska, E. Kinetics of the formation of thin films of aluminum oxide in a low temperature plasma 1-4002
- Szczeklik, J. *see* Schabowska, E. 1-34807
- Szczekowski, M. *see* Gottgens, R. 1-50472
- Szczeklik, M.M. *see* Latajka, Z. 1-45839
- Szczurek, T., Wiecezorek, J., Gutzse, A., Hunger, M. Method for precise balancing of a radio frequency bridge in wide line nuclear magnetic resonance spectrometer 1-23283
- Szczyrba, I. On the calculation of multiplicities for representations of $SU(n)$ 1-18398
- Sze, R.C. Operating parameters of a miniature, high-repetition rate rare-gas halide laser 1-46307
- Sze, R.C., Greene, A.E. Ground state electronic attachment rates in HCl 1-37345
- Sze, R.C., Seegmiller, E. Operating characteristics of a high repetition rate miniature rare-gas halide laser 1-41666
- Sze, S.M. *see* Lee, M.H. 1-7718
- Sze Chan Man *see* Man Sze Chan
- Sze Nien Dak *see* Nien Dak Sze
- Szebehely, V. Long-time predictions in nonlinear dynamics 1-23009
- Szebehely, V. Qualitative dynamics of the Sun-Jupiter-Saturn system 1-40333
- Szebehely, V. Stability of the solar system 1-44414
- Szebehely, V., Lundberg, J., McGahee, W.J. Potential in the central bar structure 1-9646
- Szebehely, V., McKenzie, R. Stability of outer planetary system 1-40318
- Szebehely, V., McKenzie, R. Deformation of a line-element in the phase space at the triangular libration point 1-40326
- Szebehely, V. (editor) Dynamics of Planets and Satellites and Theories of their Motion. Proceedings of the 41st Colloquium of the International Astronomical Union 1-36461

- Szeidl, B. Probable Comet Lovas 1-22733
 Szekely, G.A., Jr. see Mao, C.-P. 1-4090
 Szekely, J. Radically innovative steelmaking technologies 1-9758
 Szekely, J.G., Coppers, T.P., Morash, B.D. Radiation-induced invagination of the nuclear envelope 1-26957
 Szekely, T. see Brunvoll, J. 1-1403
 Szekeres, A., Alexandrova, S., Kirov, K. The effect of O_2 plasma on properties of the Si-SiO₂ system 1-39490
 Szekeres, A. see Alexandrova, S. 1-30838
 Szelwicz, T. see Sidoriski, Z. 1-34585
 Szendro, D. Computerised relative depth correlation of well logging profiles 1-32545
 Szente, M. see Pongracz, F. 1-4393
 Szentirmay, Z. see Kroo, N. 1-25809
 Szentirmay, Zs. see Kroo, N. 1-38866
 Szentalpi, B. A new DLTS method 1-34647
 Szentalpi, L. Von see Von Szentalpi, L.
 Szentpeteri, G., Horvath, P. Up-to-date angio-haemodynamical X-ray unit 1-17485
 Szeptycka, M. see Eskreys, A. 1-594
 Szeptycka, M. see Ko, W. 1-10263
 Szergenyi, I. Nuclear fuel cycle 1-45629
 Szeto, R. see Saffman, P.G. 1-29706
 Szeto, R.K.-H. see Keller, H.B. 1-60
 Szweczyk, A., Szymczak, R., Piotrowski, K. Domain structure in $Hb_0Dy_0Fe_0$ in the vicinity of second-order phase transition 1-34904
 Szichman, H. see Liang, C.F. 1-18598
 Szighy, D., Riedel, M. SIMS equipment with quadrupole mass spectrometer 1-33032
 Sziget, G. Application of the method of conform transformation for the determination of the electric field over a half cylinder emerging from a basement of infinite resistivity, generated by a direct current electric linear source 1-53982
 Szil, E. see Nanai, L. 1-7654
 Szimmat, J. see Argyris, J.H. 1-24690
 Szirmai, S.G., Morton, D.H., Potter, E.C. The dispersion of powders by intense electrostatic fields. II. A theoretical model 1-12681
 Szirmai, S.G., Morton, D.H., Potter, E.C. The dispersion of powders by intense electrostatic fields. I. Experimental studies 1-16708
 Szklarska-Smialowska, Z. see Bavarian, B. 1-43579
 Szklarska-Smialowska, Z. see Szauer, T. 1-31723, 1-39513
 Szklarz, K.E., Wayman, M.L. The effects of ferro-magnetism on intergranular segregation in iron 1-39337
 Szkody, P., Cordova, F.A., Tuohy, I.R., Stockman, H.S., Angel, J.R.F., Wisniewski, W. AM Herculis: simultaneous X-ray, optical, and near-IR coverage 1-49715
 Szkody, P., Wade, R.A. A minisurvey of ? variable stars 1-44575
 Szkody, P. see Michalsky, J.J. 1-27532
 Szkoplik, Z.C. see Nategi, S. 1-16864
 Szlachanyi, K. see Kuti, J. 1-28180
 Szlachetka, P., Kielich, S., Perina, J., Perinova, V. Photon correlations in multi-photon Raman processes 1-29337
 Szmanda, C.R., Hozack, R.S., McAfee, K.B., Jr. Charge transfer processes during N^+ collisions 1-41489
 Smirnov, B.S. see Ananjev, V.D. 1-28690
 Smulowicz, F. Expressions for quantum efficiency for transverse and longitudinal detectivity of non-background-limited infrared detectors 1-18297
 Smulowicz, F. Generalized Ewald-potential problem for the diamond lattice 1-47432
 Smulowicz, F. Self-consistent non-muffin-tin augmented-plane-wave calculation of the band structure of silicon 1-47451
 Smulowicz, F., Baron, R. The effect of light attenuation on quantum efficiency for transverse and longitudinal responsivity and detectivity 1-18296
 Szocs, V., Capek, V., Velicky, B. Simple two-band s-d model for ferromagnetic semiconductors with hybridization II. Further development and optical properties 1-43137
 Szoke, A., Neil, V.K., Prosnitz, D. A tutorial summary of the theory of variable wiggler free-electron lasers as well as a summary of some proposed experiments 1-10961
 Szoke, A. see Cooper, J. 1-24455
 Szoke, A. see Morgan, W.L. 1-46309
 Szoke, A. see Prosnitz, D. 1-10969
 Szombathy, E. Roughness testing of rough surfaces 1-23180
 Szontagh, E. see Csanady, A. 1-21813
 Szoplik, T. see Chalasinska-Macukow, K. 1-24372
 Szoreny, T., Wojnarovits, I., Hevesi, I. Correlation between structure and properties in vanadium phosphate glasses and amorphous V_2O_5 - $0 < x < 1$ films 1-30073
 Szoreny, T. see Horvath, L.I. 1-7936
 Szostak, D.J. see Goldstein, B. 1-16338
 Szotek, Z. see Boronski, E. 1-47580
 Szpikowski, S. see Gozd, A. 1-23536
 Sztajno, M. Emission of X-ray and ultraviolet radiation during accretion on to non-magnetic white dwarfs 1-22807
 Sztzyren, M. Boundary-value problems and surface forces for integral models of nonlocal elastic bodies 1-29539
 Sztzyren, M. Boundary-value problems and surface forces for integro-differential models of nonlocal elastic bodies 1-29540
 Szu, H.H. Foundation of single frame image processing 1-41604
 Szu, H.H., Blodgett, J.A. Wigner distribution and ambiguity function 1-41598
 Szu, H.H., Blodgett, J.A., Sica, L. Local instances of good seeing 1-24360
 Szuba, S., Grygier, E. Study of the low conductivity region in ZnS:Mn, Cu, Cl thin films 1-39159
 Szucs, K. see Nemet, B. 1-6294
 Szucs, M. Restraining effect of Adenon on the growth of AgBr crystals containing Cd^{2+} ions 1-17078
 Szudy, J. Quasi-molecular treatment of pressure broadening of spectral lines by neutral perturbors 1-37256
 Szudy, J. see Bielski, A. 1-37156
 Szudy, J. see Lisicki, E. 1-19174
 Szule, M. see Judy, P.F. 1-40001
 Szulejko, J.E., Howe, J., Beynon, J.H. Collision-induced charge-inversion reactions of negative ions: formation of excited states 1-29111
 Szumowski, J., Kostoryk, K. The permissible confidence interval useful in the accuracy check of meters by the significant variance standard method 1-23154
 Szurkowski, B. see Sliwiska-Bartkowiak, M. 1-43059
 Szustakowski, M. see Chirapinski, W. 1-15261
 Szuskiewicz, M. see Ciojan, J. 1-12022
 Szuta, M. Analysis of dynamic release of fission gases from single crystal UO_2 during low temperature irradiation 1-50758
 Szwajczak, E. see Lesniak, M. 1-20059
 Szwarc, H. see Brodbeck, C. 1-37189
 Szwarc, H. see Figure, P. 1-36672
 Szwarc, H. see Funchs, A.H. 1-38493
 Szwarnowski, S., Sheppard, R.J., Grant, E.H., Blechen, N.M. A thermocouple for measuring temperature in biological material heated by microwaves at 2.45 GHz 1-27029
 Szwarnowski, S. see Nightingale, N.R.V. 1-33002
 Swed, R. see Aksinenko, V.D. 1-18662
 Szwiezer, T. see Malik, N.H. 1-15710
 Syzbis, L., Silbergleit, V.M. Improved limit on the induced scalar interaction in nuclear β -decay 1-45471
 Szymakowski, J., Kemper, K.W., Frawley, A.D. Elastic scattering of 6Li by ^{39}K at 28 and 34 MeV 1-50615
 Szymakowski, J. see Hnizdo, V. 1-45523
 Szymanski, L. The problem of reorganization in theories with broken global symmetry. II 1-463
 Szymanski, A. see Kwiatkowski, A. 1-48306
 Szymanski, A. see Lesniak, M. 1-20059
 Szymanski, B. see Baszynski, J. 1-7911
 Szymanski, E.W. see Holmes, C.R. 1-44254
 Szymanski, J. see Gortel, Z.W. 1-47561
 Szymanski, M. Simultaneous operation at two different wavelengths of an $PrLaP_3O_{14}$ laser 1-33693
 Szymanski, S.J. see Holmes, C.R. 1-44254
 Szymanski, Z. see Dudek, J. 1-41077
 Szymanski, Z. see Piepenbring, R. 1-18537
 Szymczak, H. see Nadolski, S. 1-12410
 Szymczak, H. see Twarowski, K. 1-52810
 Szymczak, R., Tsushima, K. Domain wall energy in $ErCrO_3$ 1-25974
 Szymczak, R. see Szweczyk, A. 1-34904
 Szymczak, W.J. see Bergeron, P.A. 1-28668
 Szymkowiak, A.E. see Becker, R.H. 1-13834
 Szymkowiak, A.E. see Holt, S.S. 1-22892
 Szymonski, M. On the model of the electron sputtering process of alkali halides 1-53022
 Szymura, S. see Glowacka, H. 1-39559
 Szyper, M., Bacz, J. The structural method in the theory of analysers 1-27910
 Szygula, W. see Kaliski, S. 1-34095
 T., A. Gongora see Gongora T. A.
 't Hooft, G. Gauge theories of the forces between elementary particles 1-440
 't Hooft, G. Confinement and topology in non-Abelian gauge theories 1-18430
 't Hooft, G. Can we make sense out of 'quantum chromodynamics'? 1-28201
 't Klooster, P. van see van 't Klooster, P.
 't Lam, R.U.E., Blasse, G. The luminescence of barium uranate ($BaUO_4$) 1-21258
 't Veer-Menneret, C. van see van 't Veer-Menneret, C.
 Ta Phuc Loc Numerical analysis of unsteady secondary vortices generated by an impulsively started circular cylinder 1-1996
 Ta-Liang Teng see Wallace, R.E. 1-32358
 Ta-Ming Fang Electric arc radius and characteristics 1-42252
 Taam, R.E. X-ray bursts from thermonuclear runaways on accreting neutron stars 1-32720
 Taam, R.E. The long-term evolution of accreting carbon white dwarfs 1-49636
 Taam, R.E., Flannery, B.P., Faulkner, J. Gravitational radiation and the evolution of cataclysmic binaries 1-9506
 Taam, R.E. see Stahler, S.W. 1-22773, 1-44554
 Tabachnik, V.P. see Beletskii, V.M. 1-16826, 1-42414
 Tabachnik, V.P. see Fedorishcheva, E.E. 1-37386
 Tabachnik, V.P. see Fridman, L.A. 1-34910
 Tabachnikova, E.D., Bengus, V.Z. Studies in the nature of local obstacles in strained KCl single crystals 1-2459
 Tabachnikova, E.D., Bengus, V.Z., Efimov, Yu.V. Investigation of the formation of deformation twins in niobium and vanadium 1-3827
 Tabakoff, W. see Gat, N. 1-48520
 Tabakowski, P., Layer, E. Calculation of optimum calibration signals for determination of the limiting dynamic errors of measuring instruments 1-23150
 Tabarov, T.S. see Abramov, A.V. 1-35162
 Tabarovskii, L.A., Dashevskii, Yu.A. Study of anisotropic beds by the magnetoelectric logging method 1-13620
 Tabarovskii, L.A., Dashevskii, Yu.A. Magnetoelectric logging 1-22552
 Tabarovskii, L.A., Epov, M.I. Radial characteristics of induction focusing probes with transverse detectors in an anisotropic medium 1-40232
 Tabasso, B.C. see Antonione, C. 1-25175
 Tabata, K., Kozaki, S. Electromagnetic scattering by two conducting cylinders 1-46202
 Tabata, M., Murakami, S., Sohma, J. Radical species generated by γ -irradiation of tetrahydrofuran in a new plastic crystal: ortho-carborane 1-8584
 Tabata, S., Gower, J.F.R. A comparison of ship and satellite measurements of sea surface temperatures off the Pacific coast of Canada 1-27174
 Tabata, S. see Akune, Y. 1-31348
 Tabata, T., Fujita, H., Ueda, N. The dependence of discontinuous deformation on orientation in Al-Mg single crystals 1-8382
 Tabata, T., Ito, R. An algorithm for electron depth-dose distributions in multilayer slab absorbers 1-42440
 Tabata, T. see Fujita, H. 1-20068
 Tabata, T. see Kobayashi, H. 1-28749
 Tabata, Y. see Miya, K. 1-900
 Tabb, C.H. see Harrington, B.J. 1-14235, 1-14342, 1-23442
 Tabb, P.J. Solar architecture in Colorado on the threshold of the 80s 1-39746
 Tabbe, M., Arai, K., Nakamura, H. Persistence of Si(111) 7×7 surface structure under air exposure 1-11963
 Tabeey, E.F. see Klassen, N.V. 1-52605
 Tabelling, P., Chabrierie, J.P. Magnetohydrodynamic secondary flows at high Hartmann numbers 1-51877
 Tabet, R.C. see Madey, J.M.J. 1-10975
 Tabet, E. see Campos Venuti, G. 1-53708
 Tabet, J.P. see Boudard, A. 1-41117
 Tabiryan, N.V. see Zel'dovich, B.Ya. 1-1645, 1-34234, 1-34235
 Tabisz, G.C. see Chandrasekharan, V. 1-6132
 Tabke, L.C. see Elhoft, W.C. 1-18798
 Taboada, J. see Altschuler, M.D. 1-4386
 Tabony, R.C. Urban effects on trends of annual and seasonal rainfall in the London area 1-9211
 Tabor, D. Solid surfaces: their atomic, electronic and macroscopic properties 1-52616
 Tabor, D. see Enomoto, Y. 1-31673
 Tabor, H. Solar power generation by solar ponds 1-39831
 Tabor, H.Z. Solar operated, multiflash distillation 1-8669
 Tabor, J.H. see Moriarty, K.J.M. 1-45375
 Tabor, M. The nonlinear dynamics of the classical few body problem 1-49936
 Tabor, P., Molnar, L., Nagymihalyi, D. Radioisotope gauge for automatic control of cottonwool package [thickness measurement] 1-23181
 Tabor, P. see Rozsa, S. 1-27959
 Taborek, J. see Breber, G. 1-37926
 Taborek, P., Goodstein, D. Phonon catastrophes and the Kapitza resistance 1-20547
 Taborek, P., Goodstein, D. Specular and diffuse phonon reflection processes at a crystal interface 1-20548
 Taborek, P., Goodstein, D.L. Diffuse reflection of phonons and the anomalous Kapitza resistance 1-7447
 Taborov, V.F. see Belyaev, A.D. 1-52235
 Taborovsky, L. see Sadovsky, J. 1-3813
 Taborovsky, L. see Sorsorov, M.C. 1-48405
 Taboyakov, A.Ya. see Solov'ev, S.L. 1-13456
 Tabrisky, J. see Herman, M.W. 1-40010

- Tabuteau, A.** *see* Abazli, H. 1-15869
Tacetti, N. *see* Bizzetti, P.G. 1-5690
Taconi, N.R. *de* *see* Taconi, N.R.
Tache, J.-P. Off-resonance dispersion profile effect in gas laser resonators 1-33718
Tacheng Hsieh, Gilman, J.P., Weiss, M.J., Meisels, G.G., Hiehl, P.M. Transmission characteristics of collimated hole threshold photoelectron detectors 1-14203
Tacheng Hsieh *see* Meisels, G.G. 1-12990
Tachez, M., Theobald, F. Hydrogen bonds in vanadyl sulphate trihydrate crystal (VOSO₄·3H₂O). Structural comparison of four hydrated vanadyl sulphates 1-30144
Tachi, S., Tanie, K., Komoriya, K., Asaba, K., Tomita, Y., Abe, M. Information transmission by two-dimensional electrocutaneous phantom sensation 1-13349
Tachi, S. *see* Kurakado, M. 1-16410
Tachibana, A., Fukui, K. Novel variational principles of chemical reaction 1-48652
Tachibana, H. *see* Hayashi, H. 1-23310
Tachibana, H. *see* Kobayashi, T. 1-53212
Tachibana, H. *see* Wada, A. 1-9057
Tachibana, K., Phelps, A.V. Electron excitation coefficients for the Ne(²P₂) and Ne(²P₁) states 1-37135
Tachibana, K., Phelps, A.V. Electron excitation coefficients for O(²Δ_g) metastables in O₂-Ar mixtures 1-37334
Tachihara, S. *see* Ogawa, R. 1-46254
Tachikawa, H. *see* Takeda, J. 1-43466
Tachikawa, K. *see* Kawamura, H. 1-38876
Tachikawa, K. *see* Sekine, H. 1-52724
Tachikawa, K. *see* Togano, K. 1-42886
Tachikawa, K. *see* Wada, H. 1-47773
Tachiki, M., Kotani, A., Takahashi, S., Koyama, T., Matsumoto, H., Umezawa, H. Anomalous behavior of the surface state in ferromagnetic superconductors 1-42896
Tachiki, M., Takahashi, S. Magnetic superconductors 1-20909
Tachiki, M. *see* Kotani, A. 1-34872
Tachimori, S. *see* Matsumura, F. 1-6422
Tachon, J. Magnetic confinement by Tokamak: physical aspects 1-50930
Tacke, M. *see* Walzer, K. 1-6253
Taczanowski, S. Neutron multiplier alternatives for fusion reactor blankets 1-50920
Tada, E. *see* Yoshida, K. 1-45724
Tada, K., Suzuki, N. Linear electrooptic properties of InP 1-21170
Tada, K. *see* Iguchi, S. 1-11177
Tada, K. *see* Kikuchi, K. 1-31137
Tada, K. *see* Nishimura, T. 1-28708
Tada, K. *see* Suzuki, A. 1-15256
Tada, Y. *see* Kobayashi, S. 1-20922
Tadaki, T., Wayman, C.M. Crystal structure and microstructure of a cold worked TiNi alloy with unusual elastic behaviour 1-2395
Taddei, A. *see* Macerata, A. 1-53925
Taddeucci, T.N. *see* Horen, D.J. 1-50568
Tademaru, E. *see* Harding, A.K. 1-54536
Tadeusiak, A. *see* Brenni, M. 1-46554
Tadic, B. Magnetic correlations in ferromagnets with quenched random fields 1-34899
Tadic, D., Tramperic, J. Hyperon and Ω⁻ nonleptonic weak decays 1-45277
Tadic, D. *see* Galic, H. 1-473, 1-40962
Tadic, D. *see* Picke, I. 1-41062
Tadjeddine, A., Kolb, D.M., Kotz, R. The study of single crystal electrode surfaces by surface plasmon excitation 1-34642
Tadoko, Y. *see* Murakami, I. 1-52327
Tadokoro, H. *see* Kobayashi, M. 1-16561
Tadokoro, H. *see* Takahashi, Y. 1-38306
Tadzber, A. *see* Tyutyulkov, N. 1-7509
Tadzhibayev, M. *see* Mirsatgov, Sh.A. 1-30814
Tadzhiev, A.A. *see* Golikova, O.A. 1-30751
Tae Song Jin *see* Jin Tae Song
Tae-Kyu Ha *see* Meier, R. 1-14813
Tae-Moon Ahn, L.J., C.M. On the creep recovery of amorphous Pd₈₀Si₂₀ alloy 1-16850
Tae-Won Chung *see* Chung Tae-Won
Tafaneli, A. *see* Corsanego, A. 1-46685
Tafeenko, V.A. *see* Agre, V.M. 1-25251
Tafel, J. Some solutions of the Einstein-Yang-Mills equations 1-32890
Taffara, L. *see* Anni, R. 1-14533
Taft, B.A. *see* Lindstrom, E.J. 1-32453
Taft, C.A. *see* de Biasi, R.S. 1-12391
Taft, R.W. *see* Kamlet, M.J. 1-29014
Taf, P.H. *see* Turcotte, D.L. 1-27109
Taga, K., Ohno, K., Murata, H. Vibrational spectra and rotational isomerism of methyl methylsulphide 1-10731
Tagner, V.G. *see* Aver'yanova, T.V. 1-42853
Tagner, V.G. *see* Bakumenko, V.L. 1-20865
Tagami, Y. Effect of compressibility upon polymer interface properties 1-38237
Tagami, Y. Effect of compressibility upon polymer interface properties 1-38251
Taganov, O.K., Taganova, V.A. Investigation of the influence of the microstructure on the scattering properties of a complex rough surface 1-6462
Taganov, O.M. *see* Ukhonov, E.V. 1-3227
Taganova, V.A. *see* Taganov, O.K. 1-6462
Tagantsev, A.K. *see* Maier, I.O. 1-21148
Tagart, S.W. *see* Jones, R.L. 1-45623
Tagashira, H. *see* Schmidt, W.F. 1-11493
Tagawa, H. *see* Fujino, T. 1-50757
Tagawa, H. *see* Naito, K. 1-20727
Tagawa, S., Schnabel, W. Laser flash photolysis studies on excited singlet states of benzene, toluene, p-xylene, polystyrene, and poly-α-methylstyrene 1-8583
Tagawa, S. *see* Kobayashi, H. 1-28749
Tagawa, T. Piled-lamellae structure in polyethylene film and its deformation 1-2839
Taghavi-Tafreshi, K., Dhir, V.K. Taylor instability in boiling, melting and condensation or evaporation 1-19702
Taghizadeh, M.R. *see* Harrison, R.G. 1-6575
Tagiev, B.G., Niftiev, G.M., Khalilov, A.O., Guseinova, E.S. Current limited by space charges in InSe_{1-x}S_x single crystals 1-47660
Tagiev, B.G. *see* Abdullaev, G.B. 1-47655
Tagiev, B.G. *see* Aliev, N.A. 1-20811
Tagiev, Z.A., Chirkov, A.S. Optimal duration of ultrashort laser pulses in frequency multiplication 1-33751
Tagirov, M.S. *see* Aminov, L.K. 1-12421
Tagirov, R.B. *see* Panasenok, B.V. 1-3523
Tagirov, R.I. *see* Glazer, A.A. 1-25993
Tagirov, V.I., Bakhyshov, A.E., Samedov, L.G., Gasanova, L.G., Khun'Khun' Kha Impurity levels in undoped TiInSe₂ single crystals and solid solutions based on them 1-20660
Tagirov, V.I., Gakhramanov, N.F., Guseinov, A.G., Aliev, F.M. Some fundamental properties of new A₃B₂III₂ semiconductor compounds 1-34747
Tagirov, V.I., Gakhramanov, N.F., Guseinov, A.G., Aliev, F.M., Guseinov, G.G. A new class of ternary semiconductor compounds of type A₃B₂III₂ 1-3646
Tagirov, V.I. *see* Gasanov, N.M. 1-16570
Tagirov, V.I. *see* Vinogradov, E.A. 1-2626
Tagishi, Y. *see* Tsonfeldt, S.A. 1-28457
Taglauer, E., Heiland, W. Ion-induced desorption of adsorption layers on annealed and prebombarded surfaces 1-25557
Taglauer, E. *see* Loxton, C.M. 1-39208
Taglauer, E. *see* Onsgaard, J. 1-8181
Taglauer, E. *see* Snowden, K.J. 1-39203
Tagle, J.A., Arakawa, E.T., Callcott, T.A. Soft-X-ray emission from Li-Al and Li-Mg alloys 1-8164
Tagle, J.A. *see* Callcott, T.A. 1-31239
Tagliani, A. *see* Butera, P. 1-429
Taglienti, S. *see* Minelli, M.R. 1-36985
Tago, K. *see* Ichimaru, S. 1-47697
Taguchi, A. *see* Kume, S. 1-18244, 1-50150
Taguchi, H., Shimada, M., Koizumi, M., Kanamaru, F. The isotropic temperature factors of Sr(Co_{1-x}Mn_x)O₃ (x=0, 0.1, 0.5, 0.8, and 1.0) 1-38354
Taguchi, H., Takahashi, Y., Matsumoto, C. The effect of water adsorption on (La_{1-x}Sr_x)MnO₃ (0.1≤x≤0.5) 1-42639
Taguchi, I. *see* Kurosawa, F. 1-26667, 1-31417, 1-43341, 1-43342, 1-43600, 1-48616, 1-53377
Taguchi, K. *see* Yamashita, M. 1-27314
Taguchi, O. *see* Iijima, Y. 1-16108
Taguchi, T., Inuishi, Y. Radiation-induced defects and their annealing behavior in cadmium telluride 1-8112
Taguchi, T. *see* Iizuka, M. 1-37421
Taguchi, Y. *see* Yamagishi, A. 1-26976
Tagyev, M.M. *see* Allahverdiev, K.R. 1-8073
Taha, I.S., Eldighidy, S.M. Effect of off-shoot orientation on optimum conditions for maximum solar energy absorbed by flat plate collector augmented by plane reflector 1-8755
Tahara, K. *see* Fujimori, A. 1-21069
Taher, F. *see* Sultan, F. 1-21857
Taher, S.M., Ho, J.C., Gruber, J.B., Beaudry, B.J., Gschneidner, K.A., Jr. Magnetic and thermal properties of Ce_{3-x}S₄ 1-25872
Taher, S.M.A., Schwartz, S., Ho, J.C., Gruber, J.B., Gschneidner, K.A., Jr. Electrical resistivity of (Nd_{1-x}Gd_x)₂-S₈ magnetic effects 1-25747
Taherian, M.-R., Maki, A.H. Optically detected magnetic resonance study of the phosphorescent states of thiouracils 1-46002
Tahir, N.A., Laing, E.W. Ionization effects in laser-produced plasmas 1-11592
Tahir, N.A., Laing, E.W. Radiation effects in laser compression simulations 1-29904
Tahry, S.E.I. *see* El Tahry, S.
Tai, A. Speckle interferometry with an imaging grating interferometer 1-28059
Tai, A. Design concept for an optical numerical computer based on the residue number system 1-51599
Tai, A.M. *see* Chen, H. 1-15127
Tai, A.M. *see* Yu, F.T.S. 1-6517
Tai, A.S., Krakowski, R.A. An economic parametric analysis of the synthetic fuel produced by a fusion-fission complex 1-882
Tai, A.-S. *see* Sahin, S. 1-884
Tai, C., Simon, H.J. Correlated third-harmonic generation in I₂ using photon-echo process 1-51549
Tai, C.T., Yaghjian, A.D. Comments on 'Electric dyadic Green's functions in the source region' 1-41537
Tai, H.T. *see* Fuchs, F. 1-4402
Tai, H.T. *see* Li, C.C. 1-9017
Tai, K.L. *see* Asnes, D.E. 1-48115
Tai, K.L. *see* Chen, C.H. 1-15911, 1-47416
Tai Meng Weng *see* Weng Tai Meng
Tai Tsun Wu *see* Bourrely, C. 1-562
Tai Tsun Wu *see* Gaudin, M. 1-44860
Tai Tsun Wu *see* McCoy, B.M. 1-40932
Tai-fu Wan *see* Wan Tai-fu
Tai-qian Dong *see* Dong Tai-qian
Taieb, G. *see* Dujardin, G. 1-37236
Taieb, G. *see* Leach, S. 1-19130
Taijiro, M.M. *see* Lushchik, Ch.B. 1-20637
Taine, J., Lepoutre, F. Determination of energy transferred to rotation-translation in deactivation of CO₂(00⁰1) by N₂ and O₂ and of CO(1) by CO₂ 1-10821
Taine, J., Lepoutre, F. Temperature dependence of the CO₂(01⁰) collisional deactivation rate constants between 170 and 400K 1-10822
Taino, M. *see* Shibata, T.A. 1-37040
Tainov, E.A. On duality in e⁺e⁻ annihilation 1-18497
Taiocchi, G.F. *see* Guazzoni, P. 1-37078
Taira, K. *see* Odani, H. 1-34571
Taira, S. *see* Fujino, M. 1-39453
Taira, T. *see* Tsuchiya, M. 1-51313
Taira, Y. *see* Yajima, T. 1-33769
Tait, D. Inductance measurement—a new bridge configuration 1-9994
Tait, G. *see* Beunen, J.A. 1-50242
Tait, G.D. *see* Campbell, D.J. 1-40839
Tait, N.R.S., Tolfree, D.W.L., John, P., Odeh, I.M., Thomas, M.J.K., Tricker, M.J., Wilson, J.B., England, J.B.A., Newton, D. The hydrogen and oxygen content of self-supporting carbon foils prepared by DC glow discharge in ethylene 1-21817
Tait, R.A., Taplin, D.M.R. The growth and linkage of holes during hot tensile deformation of two strain-rate sensitive aluminium alloys 1-39406
Tait, R.J., Moodie, T.B. Complex variable methods and closed form solutions to dynamic crack and punch problems in the classical theory of elasticity 1-29621
Tait, T.D. Conceptual design of a facility to process low-level transuranic waste 1-45651
Tait, W.H. Radiation detection 1-17958
Taitel, Y., Bornea, D., Dukler, A.E. Modelling flow pattern transitions for steady upward gas-liquid flow in vertical tubes 1-2057
Tajabor, N. *see* Pourarian, F. 1-21023
Tajika, M. *see* Hojo, J. 1-21395
Tajima, H., Aramaki, S. Bouguer gravity anomaly around Kirishima volcanoes, Kyushu 1-44157
Tajima, M., Kanamori, A., Kishino, S., Iizuka, T. Photoluminescence analysis of 'new donors' is silicon 1-47556
Tajima, S. *see* Yamamoto, Y. 1-43164
Tajima, T., Dawson, J.M. Ion cyclotron resonance heating and the Alfvén-ion cyclotron instability 1-6977
Tajima, T., Goldman, M.V., Leboeuf, J.N., Dawson, J.M. Breakup and reconstitution of Langmuir wave packets 1-38096
Tajima, T., Leboeuf, J.N., Dawson, J.M. A magnetohydrodynamic particle code with force free electrons for fluid simulations 1-19951
Tajiri, A., Hatano, M., Nakazawa, T., Murata, I. A theoretical explanation of charge-transfer bands of bridged tropylium cations and their concentration-dependent MCD spectra 1-29008
Tajiri, A., Hatano, M., Oda, M. Magnetic circular dichroism and molecular orbital studies on bicyclo[6.2.0]deca-2,4,6-triene 1-46003
Tak-Fu Chong *see* Billmeyer, F.W., Jr. 1-21254
Takabatake, J. *see* Miyazaki, T. 1-3806
Takabatake, T., Mazaki, H., Shinjo, T. Localized spin fluctuations in 4d and 5d transition metals with iron impurities. [Superconducting T_c and Mossbauer studies] 1-16393
Takabayashi, T. Relativistic mechanics of confined particles as extended model of hadrons: The bilocal case 1-10149
Takabe, H. *see* Yabe, T. 1-42804
Takacs, F. *see* Kovacs, M. 1-19633
Takacs, L. *see* Bakonyi, I. 1-12417
Takada, E., Shimoda, T., Takahashi, N., Yamaya, T., Nagatani, K., Udagawa, T., Tamura, T. Projectile breakup reaction and evidence of a breakup-fusion mechanism 1-41137
Takada, J. *see* Ueda, A. 1-30559, 1-38502
Takada, K. A nonlinear extension of the quasiparticle random-phase approximation for description of nuclear collective motions. Application of Sawada's attached field method 1-651
Takada, M. *see* Sakaguchi, M. 1-11857
Takada, T., Sasaki, F. Improved transformation algorithm of two-electron integrals from atomic orbital basis to a symmetry orbital basis 1-24012

- Takada, T., Watanabe, T. Specific heat near the lambda point in ^4He and ^3He - ^4He mixtures: Test of universality of the critical exponent and the amplitude ratio, and observation of the critical-tricritical crossover effect 1-30506
- Takada, T. *see* Akiyama, T. 1-47052
- Takada, T. *see* Ikeda, Y. 1-48653
- Takada, T. *see* Kamiura, Y. 1-2910
- Takada, T. *see* Shigematsu, T. 1-2836
- Takada, T. *see* Shinjo, T. 1-26085
- Takada, Y. Theory of cyclotron resonance in Si (100) inversion layers under [001] uniaxial stress 1-12207
- Takada, Y. Theory of superconductivity in polar semiconductors and its application to N-type semiconducting SrTiO_3 1-16395
- Takada, Y. First-principle calculation of superconducting transition temperature of MOS inversion layers 1-20898
- Takada, Y. Study on the effect of the Coulomb interaction on superconductivity and its application to N-type semiconducting SrTiO_3 1-47784
- Takada, Y., Arai, K., Uchimura, N., Uemura, Y. Theory of electronic properties in n-channel inversion layers on narrow-gap semiconductors. I. Subband structure of InSb 1-25804
- Takada, Y., Arai, K., Uchimura, N., Uemura, Y. Theory of the electronic properties of n-channel inversion layers on narrow-gap semiconductors 1-47752
- Takada, Y. *see* Aihara, H. 1-45336
- Takado, S. *see* Noguchi, T. 1-3107
- Takagahara, T. Resonant Raman scattering and luminescence [in localised electron-phonon system] 1-35061
- Takagaki, T., Mukherjee, A.K. Acoustic emission and serrated yielding in alpha brass 1-21541
- Takagi, A. *see* Eurya, T. 1-41262
- Takagi, A. *see* Kurita, S. 1-8717
- Takagi, F. Collective quark tube model for nucleus-nucleus collisions at high energies 1-33269
- Takagi, H. Dynamics of ^3He -A and A_1 phases 1-52381
- Takagi, K., Choi, P.-K., Negishi, K. Vibrational-translational relaxation in liquid chloroform 1-46083
- Takagi, K., Saito, S., Kakimoto, M., Hirota, E. Microwave optical double resonance of HNO : rotational spectrum in A'' (100) 1-10765
- Takagi, K. *see* Akaishi, K. 1-25583
- Takagi, K. *see* Choi, P.-K. 1-46084
- Takagi, K. *see* Fujiki, O. 1-1752
- Takagi, K. *see* Fujimoto, S. 1-8011
- Takagi, K. *see* Kaushik, V.K. 1-1215
- Takagi, K. *see* Negishi, K. 1-6735
- Takagi, M., Iwata, A. A seasonal effect in diurnal variation of the atmospheric electric field on the Pacific coast of Japan 1-9219
- Takagi, M. *see* Kaneda, E. 1-32538
- Takagi, M. *see* Kondo, Y. 1-9253
- Takagi, M. *see* Okabe, T. 1-28040
- Takagi, M. *see* Suzuki, S. 1-48069
- Takagi, N. Levels in ^8Y from a study of the (p,n) reaction 1-5695
- Takagi, N. *see* Shimamura, N. 1-17333
- Takagi, R. *see* Enomoto, Y. 1-12878
- Takagi, S., Mathew, M., Brown, W.E. The structure of diammonium tricalcium bis(pyrophosphate) hexahydrate 1-15847
- Takagi, S. *see* Nakaoka, A. 1-21967
- Takagi, T. Current status of ion beam technology for surface processing 1-6444
- Takagi, T., Matsubara, K., Takaoka, H. Optical and thermal properties of BeO thin films prepared by reactive ionized-cluster beam technique 1-16206
- Takagi, Y. *see* Lumbroso, H. 1-10652
- Takagi, Y. *see* Nagai, K. 1-36637
- Takahagi, T., Yokoi, M., Nakai, M. The sound generated by a transverse impact of a ball on a circular plate 1-19500
- Takahama, T., Jidai, E., Sato, F. Film formation of poly(butyl methacrylate) latex in water 1-8265
- Takahara, A., Yamada, K., Kajiyama, T., Takayanagi, M. Variations of dynamic viscoelastic properties of dog compact bone during the fatigue process 1-13266
- Takahara, F. *see* Sato, H. 1-49868
- Takahara, M. *see* Iino, S. 1-6675
- Takahara, Y., Kishi, T. Acoustic emission from corrosion fatigue crack growth of Type 304 stainless steel 1-53389
- Takahashi, A. *see* Kawaguchi, M. 1-2811, 1-42631
- Takahashi, A. *see* Tsukamoto, J. 1-43763
- Takahashi, A. *see* Yamamoto, J. 1-892
- Takahashi, E. Thermal history of ilmenite xenoliths. I. Petrology of ilmenite xenoliths from the Ichinomegata crater, Oga peninsula, northeast Japan 1-49235
- Takahashi, F., Ishii, S., Hirao, K. Observation of water vapor in the stratosphere 1-22386
- Takahashi, H. Fission reaction in the high-energy proton nucleus collision 1-18700
- Takahashi, H. Fast compressional Alfvén waves in a Tokamak 1-24969
- Takahashi, H., Kouts, H.J.C., Grand, P., Powell, J.R., Steinberg, M. Nuclear fuel breeding by using spallation and muon catalysis fusion reactions 1-18847
- Takahashi, H., Masuda, C., Miyaji, K. A new automatic measuring method for optical fibers using an Acoustooptic Tunable Filter 1-37616
- Takahashi, H., Ohnuki, S., Takeyama, T., Kayano, H. The effect of irradiation and post-irradiation annealing on the yield stress and microstructure of vanadium-carbon alloys 1-43429
- Takahashi, H., Takeyama, T., Nakahigashi, S., Terasawa, M. Void formation in iron by carbon ion bombardment 1-47121
- Takahashi, H. *see* Kagami, H. 1-36077
- Takahashi, H. *see* Kimoto, K. 1-10882
- Takahashi, H. *see* Matsuda, J. 1-49582
- Takahashi, H. *see* Minami, R. 1-7999
- Takahashi, H. *see* Nakahara, Y. 1-6071
- Takahashi, H. *see* Nakajima, J. 1-18318
- Takahashi, H. *see* Sasaki, K. 1-6683
- Takahashi, H. *see* Sato, J. 1-44316
- Takahashi, H. *see* Steinberg, M. 1-5977
- Takahashi, H. *see* Takegahara, K. 1-42957
- Takahashi, H. *see* Takeyama, T. 1-16789
- Takahashi, I. Computer control method of quick response thyristor power supply for vertical magnetizing coil of nuclear fusion reactor 1-6988
- Takahashi, I. *see* Irie, T. 1-1868, 1-6818
- Takahashi, J., Yamaguchi, S., Fujino, Y., Ozawa, K., Mizuki, J., Endoh, Y. Lattice location of Si and Al dissolved in Cr by proton channeling and induced X-ray emission 1-12602
- Takahashi, J. *see* Himeno, Y. 1-18719
- Takahashi, J. *see* Kato, E. 1-4073
- Takahashi, J. *see* Muta, A. 1-38285
- Takahashi, J. *see* Nakamura, H. 1-23798
- Takahashi, J. *see* Yamane, T. 1-31511
- Takahashi, K. Eigenvalue problem of a beam with a mass and spring at the end subjected to an axial force 1-11343
- Takahashi, K. Structural evaluation of GaAs crystals from etch pits 1-11754
- Takahashi, K. On the stability of a classical field in the SU(2) Yang-Mills theory 1-14229
- Takahashi, K., Miura, Y. Diffusion behavior of Ni^{2+} ions in molten alkaline earth borate glasses 1-20475
- Takahashi, K., Miura, Y. Application of free volume theory to transport phenomena in molten alkali and alkaline earth borate glasses 1-25481
- Takahashi, K., Miura, Y. Diffusion behavior of Cd^{2+} , Ni^{2+} , Co^{2+} and Cr^{3+} ions in molten sodium borates 1-30435
- Takahashi, K., Miura, Y., Aoki, S. Interaction between metal and molten sodium diborate glass under electric field 1-3973
- Takahashi, K., Miura, Y., Aoki, S. Interaction between electric conductive materials and sodium diborate glass under electric field 1-3974
- Takahashi, K., Mizuno, M. Distortion of thin-walled open-cross-section members (for the case of distortion of multi-degree-of-freedom) 1-24693
- Takahashi, K., Murotani, T., Ishii, M., Susaki, W., Takamiya, S. A monolithic 1×10 array of InGaAsP/InP photodiodes with small dark current and uniform responsivities 1-45010
- Takahashi, K., Yoshio, T., Oda, K., Kanamaru, F. Crystallization of amorphous $\text{BaO-Fe}_2\text{O}_3$ prepared by the method without melting 1-30059
- Takahashi, K. *see* Asano, Y. 1-24007
- Takahashi, K. *see* Fujiwara, H. 1-19119
- Takahashi, K. *see* Iizuka, S. 1-6996
- Takahashi, K. *see* Ishikawa, S. 1-11153, 1-33828
- Takahashi, K. *see* Konagai, M. 1-4195, 1-13126
- Takahashi, K. *see* Masu, K. 1-8719
- Takahashi, K. *see* Odajima, K. 1-11573
- Takahashi, K. *see* Okabe, Y. 1-42411
- Takahashi, K. *see* Sengoku, S. 1-24988
- Takahashi, K. *see* Suzuki, A. 1-23524
- Takahashi, M. Ion beam detection systems 1-45788
- Takahashi, M., Masuda, T., Bessho, N., Osaki, K. Stress measurements at the start of shear flow: comparison of data from a modified Weissenberg rheogoniometer and from flow birefringence 1-6880
- Takahashi, M., Tamura, H., Suzuki, T. Dependence of wall movement of bubbles on crystallographical directions in YFeO_3 single crystals 1-25996
- Takahashi, M., Tateno, Y., Koshimura, M. Observation of structures in rapidly quenched Ni-B alloys. I 1-47005
- Takahashi, M., Ueda, Y., Sudo, K., Naruse, Y. The thermal expansion measurement apparatus for thin ribbons and wires 1-23226
- Takahashi, M. *see* Iwasaki, H. 1-46839
- Takahashi, M. *see* Kashiwabara, M. 1-6571
- Takahashi, N., Gamo, H. Intensity fluctuation of a He-Xe μm unilateral ring laser around the oscillation threshold 1-46403
- Takahashi, N., Odajima, K. Orientation behaviors in polyvinylidene fluoride film under electric field 1-42328
- Takahashi, N., Teshima, K., Kusumoki, I. Velocity analysis of NH_3 and CO_2 supersonic molecular beams by a time-of-flight method 1-6406
- Takahashi, N. *see* Kusunoki, I. 1-27938
- Takahashi, N. *see* Nakabashi, H. 1-28766
- Takahashi, N. *see* Nishi, T. 1-50660
- Takahashi, N. *see* Takada, E. 1-41137
- Takahashi, O. *see* Tanuma, S. 1-42677
- Takahashi, R. Effect of indium on crystallization of cadmium sulphide from vapor phase 1-43253
- Takahashi, R. Interactions between electron beam and living spores 1-43906
- Takahashi, R. *see* Takada, F. 1-3623
- Takahashi, R. *see* Yoshino, K. 1-31089
- Takahashi, S. Internal bias field effects in lead zirconate-titanate ceramics doped with multiple impurities 1-43071
- Takahashi, S., Kronmüller, H. Investigation of domain structures in Ni_2Fe single crystals after tensile deformation 1-7876
- Takahashi, S., Saito, H., Iwane, G. Channelled substrate buried heterostructure InGaAsP/InP laser emitting at $1.55 \mu\text{m}$ 1-15180
- Takahashi, S. *see* Ito, K. 1-45466
- Takahashi, S. *see* Kimura, T. 1-41847
- Takahashi, S. *see* Kotani, A. 1-34872
- Takahashi, S. *see* Matsushita, N. 1-33789
- Takahashi, S. *see* Nakano, Y. 1-3063
- Takahashi, S. *see* Okanishi, S. 1-32326
- Takahashi, S. *see* Sanada, K. 1-15297
- Takahashi, S. *see* Tachiki, M. 1-20909, 1-42896
- Takahashi, T. Concentration dependent luminescence of Ti^{4+} in alkali yttrium metaphosphate glasses 1-3492
- Takahashi, T. Solid state ionics 1-47290
- Takahashi, T., Date, M., Fukada, E. Dielectric hysteresis and rotation of dipoles in polyvinylidene fluoride 1-34996
- Takahashi, T., Harada, Y. Thermally and photo-induced changes in the valence states of amorphous chalcogenides studied by UPS 1-52471
- Takahashi, T., Konno, S., Hitachi, A., Hamada, T., Nakamoto, A., Miyajima, M., Shibamura, E., Hoshi, Y., Masuda, K., Doke, T. Effect of electric field on the yield of free-ion electrons and recombination luminescence in liquid argon and xenon 1-21269
- Takahashi, T., Kudoh, M., Ichikawa, K. An analysis of fluidity, strength formation and cracking susceptibility on the basis of the solid-liquid coexisting zone in Al-base binary alloys 1-31449
- Takahashi, T., Kudoh, M., Yoshida, K. On the healing phenomena of a hole in the solid-liquid coexisting zone in an Al-Si alloy 1-31450
- Takahashi, T., Kuwabara, K., Shibata, M. Solid-state ionics—conductivities of Na^+ ion conductors based on NASICON 1-7375
- Takahashi, T. *see* Asano, K. 1-52625
- Takahashi, T. *see* Broecker, W.S. 1-4535, 1-4539, 1-13463, 1-32445
- Takahashi, T. *see* Ebina, A. 1-7687
- Takahashi, T. *see* Fujii, K. 1-24403
- Takahashi, T. *see* Greer, A.L. 1-34483
- Takahashi, T. *see* Masuda, K. 1-1027
- Takahashi, T. *see* Nagasawa, H. 1-47961
- Takahashi, T. *see* Okada, Y. 1-44305
- Takahashi, T. *see* Suzuki, T. 1-17520
- Takahashi, Y., Kitamura, T., Uchida, K. Excimer emission from evaporated pyrene films 1-26261
- Takahashi, Y., Nakagawa, K., Yamane, T. Stress drop experiments during high temperature creep of an austenitic 25Cr-20Ni stainless steel between 1133 and 1193K 1-8398
- Takahashi, Y., Osaki, Y., Tadokoro, H. Structures of three crystal modifications of poly(3,3-dimethyloxacyclobutane) 1-38306
- Takahashi, Y., Shimizu, M. Orbital and spin susceptibilities of a metal film 1-7807
- Takahashi, Y., Yuki, R., Sugiura, M., Motojima, S., Sugiyama, K. Vapor deposition of thin cadmium sulfide layers using thermal decomposition of dithiolocadmium complexes 1-3629
- Takahashi, Y. *see* Aurlia, A. 1-437, 1-5488
- Takahashi, Y. *see* Kanno, M. 1-38547
- Takahashi, Y. *see* Mathews, P.M. 1-5470
- Takahashi, Y. *see* Mitsuhashi, T. 1-25453
- Takahashi, Y. *see* Murabayashi, M. 1-16115
- Takahashi, Y. *see* Ogasawara, T. 1-52695
- Takahashi, Y. *see* Omote, M. 1-36833
- Takahashi, Y. *see* Taguchi, H. 1-42639
- Takahashi, Y. *see* Tsuji, H. 1-46910
- Takahashi, Y. *see* Uchida, K. 1-3452
- Takahashi, Y. *see* Ushida, N. 1-546
- Takahashi Shin-ichi *see* Shin-ichi Takahashi
- Takahashi, W. *see* Konisi, G. 1-45133
- Takahashi, T. *see* Ebina, A. 1-16925
- Takahata, Y., Viana, L.M. Geometries of AH_2 systems containing four valence electrons 1-33399
- Takabei, K. *see* Matsuoka, T. 1-33703
- Takabei, K. *see* Noguchi, Y. 1-46376
- Takabei, K. *see* Tokunaga, M. 1-51479

- Takai, M., Ryscel, H. Enhancement of minority carrier lifetime in $\text{GaAs}_{1-x}\text{P}_x$ ($x=0.4; 0.65$) by nitrogen implantation 1-38788
- Takai, M. see Niu, H. 1-47738
- Takai, M. see Tsou, S.C. 1-2475
- Takai, M. see Yamanaka, M. 1-19970
- Takajo, H. see Kondo, H. 1-46235
- Takakura, H., Choe, M.S., Hamakawa, Y. Paint-on-diffusant SnO_2/n^+p -Si heteroface solar cell 1-4187
- Takakura, K. see Omura, I. 1-39299
- Takakura, T., Iga, K., Tako, T. Linewidth measurement of a single longitudinal mode AlGaAs laser with a Fabry-Perot interferometer 1-46352
- Takakura, T. see Sawant, H.S. 1-4883
- Takakura, Y., Hyodo, T. Study of the positronium peak in the angular correlation curve of NaF crystal 1-39176
- Takakura, Y. see Hyodo, T. 1-39177
- Takala, H. see Koskelo, M.J. 1-50984
- Takama, T., Iwasaki, M., Sato, S. Measurement of X-ray Pendelosing intensity beats in diffracted white radiation from silicon wafers 1-15752
- Takamaru, N., Shima, K., Umetani, K., Mikumo, T. Dependence of scattered Mn K_{α}/K_{β} X-ray intensity ratio on the scatterer materials 1-25323
- Takamatsu, T., Kawashima, M., Koyama, M. Analysis of rock and sediment standard prepared in Japan by neutron activation and X-ray fluorescence methods 1-49409
- Takami, M. Double resonance and high resolution infrared spectroscopy of the $\text{CF}_4 \nu_3$ fundamental. I. Infrared-radiofrequency double resonance 1-6292
- Takami, M. see Yamada, K. 1-51201
- Takamiya, S., Sogo, T., Tanaka, T., Nita, S., Namizaki, H., Shirahata, K. AlGaAs TJS lasers with very low failure rate of 1% at estimated operating time of 40000 hours at 25°C 1-11023
- Takamiya, S. see Takahashi, K. 1-45010
- Takamiya-Ichikawa, K. see Maruyama, Y. 1-8109
- Takamori, T., Tomozawa, M. Measurement of equilibrium viscosity of a phase-separated borosilicate glass at several temperatures 1-30440
- Takamoto, K. see Ido, S. 1-5440
- Takamura, J., Ohtani, Y., Higashida, K., Narita, N. Transition from stage I to II in the work-hardening of FCC crystals 1-12758
- Takamura, J. see Nakamura, F. 1-26458
- Takamura, S., Kato, T. Effect of low temperature irradiation on the mechanical strength of organic insulators for superconducting magnets 1-31526
- Takamura, S., Kobiyama, M. Recovery stages in Mg, Zr and Ti after neutron irradiation at low temperature 1-52182
- Takamura, S. see Hayashi, K. 1-46927
- Takamura, S. see Ohshima, S. 1-42184
- Takana, M. see Torres, J. 1-20238
- Takanami, T. On the earthquake on January 13, 1979 off Mukawa; southern Hokkaido 1-54015
- Takanashi, H., Dazai, K., Fujimoto, M. Progress of optical devices for transmission in the longer wavelength region 1-51638
- Takanashi, Y. see Horikoshi, Y. 1-47297
- Takanishi, T., Kawanishi, M., Sakai, K. The evaluation of the viscous term and the convective inertia term in the problems of two dimensional hydrodynamic pressure on elliptic cylinder 1-46737
- Takanishi, T., Ojima, K., Umeda, Y. A theoretical study on load sharing ratios and group effect of piles-group foundation 1-46669
- Takano, E. Changes in aberrations due to focusing and their elimination 1-51593
- Takano, F. see Tamaribuchi, T. 1-32928
- Takano, H., Kaneko, K. The effect of self-shielding of the iron inelastic scattering cross section on neutron spectra 1-50949
- Takano, H. see Kikuchi, Y. 1-28521
- Takano, M. see Nishihara, H. 1-47969
- Takano, S. see Hoshino, S. 1-47438
- Takano, T., Ito, Y., Takeda, M. The performances of the low temperature Mossbauer spectrometer of the National Universities' Laboratory for the common use of JAERI facilities 1-5450
- Takano, T., Kato, T., Ogawa, H., Hayashi, Y., Omodaka, T. Josephson junctions with extremely large $I_c R_n$ products and their high frequency response 1-16412
- Takano, T. see Hayashi, Y. 1-20923
- Takano, T. see Northrup, S.H. 1-8805
- Takano, T. see Sofue, Y. 1-27602
- Takano, T. see Ueyama, N. 1-21571, 1-26405
- Takao, K., Nisitani, H., Sakaguchi, H. Effect on strain aging on fatigue crack initiation process of low carbon steel (successive observations by SEM) 1-43486
- Takao, K., Nisitani, H., Sakaguchi, H. Relation between crack initiation process and notch sensitivity in rotating bending fatigue 1-48477
- Takao, S., Narusawa, U. An experimental study of heat and mass transfer across a diffusive interface 1-1960
- Takao, T. see Hayakawa, S. 1-35199
- Takaoka, H. see Takagi, T. 1-16206
- Takaoka, N. see Kaneoka, I. 1-9138
- Takaoka, Y., Motizuki, K. Lattice dynamics of 1T-TiSe₂ 1-25385
- Takasaka, A., Endoh, M., Matsuda, Y. Measurement of heat of immersion of zeolites against water by use of quartz temperature sensor 1-34488
- Takasaka, H. Moire topography. The way from an idea to practical use 1-49092
- Takasaki, M., Shima, K. Ne K-shell fluorescence yield in collisions between Ne-atoms and Ne-ions at 0.6-23 MeV 1-1354
- Takasaki, Y., Uda, T., Yamada, E. Gap states in doped amorphous selenium 1-52472
- Takase, A., Kojima, K., Komatsubara, T., Kasuya, T. Electrical resistivity and magnetoresistance of CeB_6 1-20703
- Takase, B. see Hamabe, M. 1-54631
- Takase, M., Sata, T. Analysis on formation process of ultrafine alumina particle from NH_3 gas-AlCl₃ solution 1-16726
- Takase, M., Sata, T. Thermal decomposition of aluminum hydroxide prepared by NH_3 Gas-AlCl₃ solution reaction 1-21723
- Takashige, M., Mitsui, T., Nakamura, T., Aikawa, Y., Min-Su Jang Grain-size development in the crystallization process from amorphous PbTiO_3 1-42310
- Takashige, M., Nakamura, T., Tsuya, N., Arai, K.I., Ozawa, H., Uno, R. Dielectric constant of amorphous PbTiO_3 1-26137
- Takashige, M. see Jang, M.-S. 1-52282
- Takashige, M. see Nakamura, T. 1-42305
- Takashige, M. see Sawada, S. 1-8013
- Takashima, K. see Nishimori, K. 1-26319
- Takashima, T. see Iida, Y. 1-2040
- Takashima, T. see Nakagawa, H. 1-981
- Takashima, T. see Yamamoto, T. 1-7398
- Takashima, Y., Kai, N., Nishida, T., Nakayama, Y. Mossbauer spectroscopic study of defect structure and γ -ray irradiation effect on LiCl(Fe) and NaCl(Fe) systems 1-43047
- Takashima, Y. see Nishida, T. 1-34965
- Takashima, Y. see Shimizu, M. 1-19203
- Takasugi, E. see Nem'an, Y. 1-23090
- Takasugi, M. see Shin, K. 1-50971
- Takasugi, S. see Nakamura, H. 1-4016
- Takasugi, S. see Uenishi, M. 1-43481
- Takasugi, T., Fat-Halla, N., Izumi, O. Deformation and fracture of α - β brass two-phase bicroystals 1-15901
- Takasugi, T. see Fat-Halla, N. 1-31534
- Takata, H. Low-loss single-mode optical glass fibers 1-29395
- Takata, H. see Horiguchi, M. 1-11090
- Takata, K. Current limitations due to RF parameters in the Photon Factory storage ring 1-23890
- Takata, M., Tomozawa, M., Watson, E.B. Electrical conductivity of $\text{Na}_2\text{O} \cdot 3\text{SiO}_2$ glasses with high water content 1-42568
- Takata, Y. see Fukuda, K. 1-1987
- Takatani, O. see Akatsuka, T. 1-53837
- Takatani, S., Cheung, P.W., Ernst, E.A. A noninvasive tissue reflectance oximeter: an instrument for measurement of tissue hemoglobin oxygen saturation in vivo 1-32220
- Takato, N. see Kurokawa, T. 1-6684
- Takatori, K., Ogawa, N., Shimada, M., Koizumi, M. Pressure sintering of highly dense and pure non-oxide materials 1-16732
- Takatsu, H., Shimizu, M. Dynamic analysis method for a large complicated structure and application to a fusion device 1-2256
- Takatsuka, K., Gordon, M.S. Expansion approach to photodissociation dynamics effect of anharmonicity 1-51250
- Takatsuka, K., McKoy, V. Schwinger variational principle for multichannel scattering 1-15007
- Takatsuka, T., Tamagaki, R. Attenuation of $^3\text{P}_2$ -superfluidity in neutron star matter due to charged-pion condensation 1-54541
- Takatsuka, T. see Tamagaki, R. 1-54540
- Takaya, K. see Sato, K. 1-35876
- Takayama, H. see Ishikawa, M. 1-9920
- Takayama, H. see Maki, K. 1-23124
- Takayama, H. see Wada, K. 1-3194
- Takayama, K. see Ben-Dor, G. 1-2026
- Takayama, S. Fabrication of metallic glass wire by drawing 1-3766
- Takayama, S. Fabrication of metallic glass wire or tube by drawing 1-39266
- Takayama, S., Kudo, M. Structure relaxation in metal-metalloid amorphous alloys 1-43396
- Takayama, S., Ogura, T., Shin-Cheng Fu, McMahon, C.J., Jr. The calculation of transition temperature changes in steels due to temper embrittlement 1-16875
- Takayama, S. see Mizoguchi, T. 1-26090, 1-30702
- Takayama, S. see Ohtsuka, Y. 1-30560, 1-31466
- Takayama, T., Raychaudhuri, A.K., Rinderer, L. Dependence of the flux flow viscosity coefficient on the Ginzberg-Landau parameter κ in superconducting indium films 1-16416
- Takayama, T. see Raychaudhuri, A.K. 1-16417
- Takayamagi, H. see Nagata, K. 1-52711
- Takayanagi, K., Kolb, D.M., Kambe, K., Lehmpfuhl, G. Deposition of monolayer and bulk lead on Ag(111) studied in vacuum and in an electrochemical cell 1-20594
- Takayanagi, K. see Hashi, M. 1-10812
- Takayanagi, K. see Honjo, G. 1-20532
- Takayanagi, K. see Morita, E. 1-10050
- Takayanagi, M. see Takahara, A. 1-13266
- Takayanagi, S. see Satoh, K. 1-52865
- Takayanagi, T. see Nagamura, T. 1-4123
- Takayanagi, Y. see Berggren, W.A. 1-17571
- Takebayashi, Y., Kido, K. Effects of time window on the estimation of coherence function for the system with delay 1-6720
- Takebe, M., Satoh, Y., Iinuma, K., Seto, K. Mobilities and longitudinal diffusion coefficients for K^+ ions in nitrogen and argon 1-12989
- Takeda, F., Mori, T., Takahashi, R. Fabrication of $\text{Bi}_2\text{GeO}_{20}$ films by RF sputtering 1-3623
- Takeda, H., Ooba, K., Kobayashi, I., Okajima, H., Sugiyama, S., Suzuki, K., Kajiyama, S., Fujimoto, H. Remotely controlled ultrasonic testing system for BWR plants 1-23829
- Takeda, H. see Bartel, W. 1-18500, 1-45253, 1-45254
- Takeda, H. see Nishikawa, T. 1-43460
- Takeda, H. see O'Neill, L.H., Jr. 1-50443
- Takeda, J., Tachikawa, H. Deformation and fracture of concrete subjected to impact load or blast shock 1-43466
- Takeda, K., Nakamura, Y. Generation of a magnetically traversed plasma and its properties 1-15627
- Takeda, K. see Seko, M. 1-781
- Takeda, M. Chromatic aberration matching of the polychromatic optical transfer function 1-46482
- Takeda, M., Maeda, H. Three-dimensional structure of ionospheric currents. I. Currents caused by diurnal tidal winds 1-40259
- Takeda, M. see Sasaki, T. 1-26954
- Takeda, M. see Takano, T. 1-5450
- Takeda, M. see Ueyama, N. 1-21571, 1-26405
- Takeda, M. see Yokoyama, K. 1-33101
- Takeda, R. Soft quantum lattice gas and the existence of a supersolid 1-44848
- Takeda, R. see Fuse, M. 1-45701
- Takeda, S., Owaki, S., Kawanishi, M. Practical system of photon counting TLD for monitoring personnel exposure 1-965
- Takeda, S., Soda, G., Chihara, H. Evidence of coupled rotational tunnel states of methyl groups of hexamethylbenzene by nuclear magnetic resonance 1-21068
- Takeda, S. see Akiyama, H. 1-2196
- Takeda, S. see Goto, M. 1-18930
- Takeda, S. see Ogino, T. 1-38072
- Takeda, S. see Sugai, H. 1-11557, 1-34071
- Takeda, S. see Yasuda, A. 1-42211
- Takeda, S. see Yukawa, T. 1-7930
- Takeda, T., Shibata, S., Matsuda, H. An accelerating voltage scanning mass spectrometer 1-50268
- Takeda, T. see Aihara, H. 1-45336
- Takeda, T. see Azumi, M. 1-6939
- Takeda, T. see Ishizaki, T. 1-26518, 1-26519
- Takeda, T. see Iwasaki, H. 1-41272
- Takeda, Y., Akagi, J., Edagawa, A., Inagaki, M., Naka, S. A preparation and polymorphic relations of sodium iron oxide (NaFeO_2) 1-2387
- Takeda, Y. see Sasaki, A. 1-24420
- Takeda, Y. see Yamanaka, M. 1-19970
- Takegahara, K., Takahashi, H., Yanase, A., Kasuya, T. A model for unusual magnetic anisotropy of Ce pnictides 1-42957
- Takei, K. see Nakano, Y. 1-15185
- Takei, A., Nii, K. The effect of silicon content on high temperature oxidation of 80Ni-20Cr alloys 1-53364
- Takei, A. see Maruta, T. 1-26798
- Takei, H., Tsunekawa, S., Maeda, M. Growth and properties of BaZnGeO_4 crystals 1-12650
- Takei, H. see Nakasa, K. 1-26604
- Takei, H. see Tsunekawa, S. 1-52281
- Takei, T. see Watanabe, A. 1-50237
- Takekoshi, H., Miyana, T. Model experiments for RF structure of Kyoto University superconducting cyclotron 1-14708
- Takekoshi, H. see Igaki, T. 1-17118
- Takemaru, K. see Kawasaki, K. 1-926
- Takemi, H. see Koyama, R. 1-44000
- Takemoto, J. see Kendall-Tobias, M. 1-50191
- Takemoto, K. see Inaki, Y. 1-46182
- Takemoto, Y., Watanabe, Y., Kubozoe, T. Dependence of the mean energy of exoelectrons from MgO on UV-radiation irradiation period 1-26374
- Takemoto, Y. see Watanabe, Y. 1-8204
- Takemura, K., Fujii, Y., Shimomura, O., Minomura, S. Structural phase transition in iodine at high pressure 1-34476
- Takemura, K., Minomura, S., Shimomura, O., Fujii, Y. Observation of molecular dissociation of iodine at high pressure by X-ray diffraction 1-20316
- Takemura, K. see Fujii, Y. 1-28148
- Takemura, M. see Koyama, J. 1-54288
- Takemura, T. see Matsushige, K. 1-47233

- Takemura, Y., Shida, T. The Jahn-Teller distortion in the cation radical of allene as evidenced by ESR 1-14944
- Takenaga, M., Yamamoto, O., Yamashita, T. Preparation and characteristics of $\text{Li}_2\text{B}_2\text{O}_7/\text{Cu}$ phosphor 1-959
- Takenaga, M. see Huzimura, R. 1-3505
- Takenaga, M. see Yasuno, Y. 1-35888
- Takenaka, H. see Oda, Y. 1-7789
- Takenaka, K., Haritu, T., Shibata, Y. Plasma-assisted deposition of GaAs thin films 1-8238
- Takenaka, N., Inoue, M., Inuishi, Y. Analysis of hot electron transport using experimentally obtained distribution functions 1-47663
- Takenaka, T., Kakeya, M., Fukumitsu, O. Asymptotic representation of the boundary diffraction wave for a Gaussian beam incident on a circular aperture 1-29186
- Takeno, S., Homma, S. Classical spin systems, nonlinear evolution equations and nonlinear excitations 1-32857
- Takeno, S. see Homma, S. 1-25947
- Takeno, S. see Yoshida, F. 1-2895
- Takeo, H. see Nakata, M. 1-14875
- Takeo, M., Abe, K., Tsuji, J. Mechanism of the Shizuoka earthquake of July 11, 1935 1-9115
- Takeo, M. see Chikaba, J. 1-47801
- Takeo, Y. see Suzuki, A. 1-23524
- Takeshima, M. Impurity-assisted Auger recombination in semiconductors 1-47676
- Takeshima, M. see Nakagawa, K. 1-1699
- Takeshita, H. see Kurasawa, T. 1-3969
- Takeshita, H. see Nasu, S. 1-7126
- Takeshita, S. see Inoue, K. 1-14395
- Takeshita, T., Dublon, G., McMcsters, O.D., Gschneider, K.A., Jr. Low temperature heat capacity studies on hydrogen absorbing intermetallic compounds 1-30417
- Takeshita, T. see Aihara, H. 1-45336
- Takeshita, T. see Chung, Y. 1-20418
- Takeshita, T. see Malik, S.K. 1-25876
- Takase, N. see Ogura, K. 1-39514
- Taketani, H. Reflectance and aging studies of heliostat mirrors 1-13095
- Taketani, M. see Sato, T. 1-29492
- Takeuchi, A. Musical instruments. I. Wind instruments 1-19520
- Takeuchi, D.-J., Jankowski, D.F. A numerical and experimental investigation of the stability of spiral Poiseuille flow 1-46724
- Takeuchi, E. see Naito, N. 1-740
- Takeuchi, H., Allen, S., Suzuki, S., Dianoux, A.J. Low frequency vibrations in solid n-butane and n-hexane by incoherent inelastic neutron scattering 1-6396
- Takeuchi, H., Ito, Y., Nagatsuma, K., Jyomura, S., Ashida, S. Piezoelectric ceramics with zero temperature coefficients in radial mode resonance frequencies 1-3334
- Takeuchi, H., Jyomura, S. Tuning fork resonator using modified PbTiO_3 ceramics 1-37751
- Takeuchi, H., Suzuki, N., Motizuki, K. Study of magnetic properties of KCoF_4 by dynamical correlated effective field approximation 1-12286
- Takeuchi, H., Suzuki, S., Dianoux, A.J., Allen, G. Low frequency vibrations in crystalline biphenyl: model calculations and Raman and neutron spectra 1-52933
- Takeuchi, H., Yamashita, K. Surface acoustic wave characteristics of a single crystal of potassium lithium niobate 1-38637
- Takeuchi, H. see Iizuka, S. 1-6996
- Takeuchi, H. see Kanda, Y. 1-35410
- Takeuchi, H. see Odajima, K. 1-11573
- Takeuchi, H. see Ogino, F. 1-19774
- Takeuchi, H. see Shimada, M. 1-11539
- Takeuchi, H. see Suzuki, N. 1-25039
- Takeuchi, H. see Uehara, K. 1-38086
- Takeuchi, I., Misawa, K., Kato, Y., Aoyama, I. Seasonal variations of the correlation among nightglow radiations and emission mechanism of OH nightglow emission 1-49437
- Takeuchi, K., Abe, R. ESR study of the ferroelectric phase transition in CsH_2PO_4 1-12389
- Takeuchi, K., Kinosita, K. Mobility of gold clusters on a-c substrates 1-34604
- Takeuchi, K., Kurihara, O., Nakane, R. Reaction kinetics of multiphoton excited BCl_3 with H_2S 1-39596
- Takeuchi, K., Seki, Y. Some problems in fusion reactor shielding 1-894
- Takeuchi, M., Shimizu, H. A theoretical analysis of elastic leaky waves 1-20538
- Takeuchi, M. see Otake, M. 1-46370
- Takeuchi, N. see Kato, H. 1-32247
- Takeuchi, N. see Kos, H.J. 1-25322
- Takeuchi, N. see Ohgaku, T. 1-26526
- Takeuchi, R. see Nakamura, A. 1-6700
- Takeuchi, R. see Nakayama, I. 1-6699, 1-29421, 1-29423, 1-46623
- Takeuchi, R. see Oie, S. 1-19501, 1-19514, 1-29420, 1-37649, 1-37650, 1-37651
- Takeuchi, S. Structures of liquid metals and their thermodynamic properties 1-5011
- Takeuchi, S. An interpretation of (111) slip behaviour in B2 compounds in terms of the Peierls mechanism of a screw dislocation 1-11768
- Takeuchi, S., Inaba, A. Refining processes of tantalum and niobium in ultra-high vacuum 1-3670
- Takeuchi, S. see Fujita, K. 1-53468
- Takeuchi, S. see Harada, K. 1-28042
- Takeuchi, S. see Iguchi, S. 1-11177
- Takeuchi, S. see Kobayashi, S. 1-20343, 1-26531
- Takeuchi, S. see Maeda, K. 1-52141
- Takeuchi, S. see Nakagawa, K. 1-26547
- Takeuchi, S. see Suzuki, K. 1-52139
- Takeuchi, T. Neutron activation analysis, error factors and applications 1-31934
- Takeuchi, T. see Maruyama, H. 1-47906
- Takeuchi, T. see Misawa, K. 1-49436
- Takeuchi, T. see Sekine, H. 1-52724
- Takeuchi, T. see Tsuya, N. 1-4181
- Takeuchi, W. see Yamamura, Y. 1-52195
- Takeuchi, Y., Yamashita, H., Tatsuzaki, I. Two tricritical points in TGSe-DTGS system 1-39047
- Takeuchi, Y. see Fukushima, M. 1-45770
- Takeuchi, Y. see Sasaki, S. 1-7140
- Takeuchi, Y. see Terada, S. 1-14415
- Takeuchi, Y. see Yamashita, H. 1-26141
- Takeuti, M. The convection and stellar activity in Cepheid variables 1-13784
- Takeuti, M. The critical frequency in the stellar pulsation theory 1-40503
- Takeuti, Y. see Morita, S. 1-47682, 1-47953
- Takeyama, T., Ohnuki, S., Takahashi, H. Direct observation of radiation induced segregation near grain boundaries and voids in copper alloys 1-16789
- Takeyama, T. see Takahashi, H. 1-43429, 1-47121
- Takezawa, J., Miller, F.J., O'Neil, J.J. Single-breath diffusing capacity and lung volumes in small laboratory mammals 1-22029
- Takezawa, S., Ninomiya, K. A new approach to the analysis and design of magnetic stabilization of satellites 1-27356
- Takezoe, H. see Kondo, K. 1-20053
- Takezono, S., Tao, K., Kanazaki, K. Elasto/visco-plastic dynamic response of axisymmetrical shells by overlay model 1-29577
- Takhar, H.S., Soundalgekar, V.M. Dissipation effects on MHD free convection flow past a semi-infinite vertical plate 1-24887
- Takhar, H.S., Soundalgekar, V.M. Heat transfer on a semi-infinite plate of micropolar fluid 1-51832
- Takhar, P.S., Gill, T.S. Mirror properties of rare earths by electrons and positrons 1-25349
- Taki, K., Miyazaki, Y., Akao, Y. Optical propagation and conversion properties of hybrid modes in YIG thin-film waveguides on GGG substrates using Faraday effects with isotropic top layers 1-24536
- Taki, T. see Satoh, M. 1-7571
- Takibaev, N.Zh. see Belyaev, V.B. 1-10251
- Takibaev, Zh.S. see Batyunov, B.V. 1-600
- Takigawa, M., Yasuoka, H., Uemura, Y.J., Hayano, R.S., Yamazaki, T., Ishikawa, Y. Positive muon spin rotation and relaxation studies in the helically ordered state of MnSi 1-26103
- Takigawa, T., Yoshii, S., Sasaki, I., Motoyama, K., Meguro, T. Emission characteristics for (100), (110) and (111) LaB_6 cathodes 1-26354
- Takigawa, T. see Ohmura, Y. 1-48199
- Takimoto, F. see Mizugai, Y. 1-28963
- Takimori, T. see Fujii, K. 1-27091
- Takishima, T. see Sasaki, H. 1-26921
- Takishima, T. see Shimura, S. 1-53802
- Takita, K., Masuda, K., Kudo, H., Seki, S. Observation of surface evaporation of Hg from HgTe crystals by means of energetic oxygen ion backscattering 1-8176
- Takita, K. see Ochiai, Y. 1-52671
- Takitani, K., Morishita, H. Experimental verification of modified DYNAM code for flow stability analysis in once-through boiling flow system 1-741
- Takiyama, K., Ueda, Y., Nojima, H., Fujita, T., Nishi, M. The V_L center in neutron irradiated LiCl crystal 1-26243
- Takizawa, K. A measurement of electrooptic coefficients using a Lissajous figure 1-8042
- Takizawa, K. High-speed display of orthogonal functions using electrooptic light modulators—Tchebycheff and Legendre polynomials and Bessel functions 1-15259
- Takizawa, K., Okada, M. Analog-to-digital converters using electro-optic light modulators 1-24485
- Takizawa, T. Studies on interaction between ice floes. I 1-4516
- Takizawa, T., Nohguchi, Y. Studies on interaction between ice floes. II. Periodical change in horizontal divergence of an ice field accompanied by inertial periodical motion 1-9171
- Takizuka, T. see Hishida, M. 1-742
- Takizuka, T. see Seki, Y. 1-11587
- Takke, R., Assmus, W., Luthi, B., Goto, T., Andres, K. Thermal properties of exotic cerium compounds 1-20433
- Tako, T., Ohtsu, M., Katsuragi, S., Ohi, M., Akimoto, Y. Wavelength measurement of an H_2CO -stabilized He-Xe laser at $3.51 \mu\text{m}$ 1-29252
- Tako, T. see Takakura, T. 1-46352
- Tako, T. see Tsuchida, H. 1-46363
- Takoshima, T., Ido, M., Tsutsumi, K., Sambongi, T., Honma, S., Yamaya, K., Abe, Y. Non-ohmic conductivity of TaS_2 in the low-temperature semiconducting regime 1-12119
- Takis, G.A. see Toropov, Yu.S. 1-31399
- Taktakishvili, M.I. see Barkhudarov, E.M. 1-33366
- Taktarov, N.G., Chyong Za Binh Effect of magnetizable surface-active substances on quenching of surface waves 1-19825
- Taktarov, N.G. see Gogosov, V.V. 1-15552
- Takubo, Y., Tsuchiya, M., Shimazu, M. Stimulated electronic Raman scattering in In vapor 1-46441
- Takubo, Y. see Ichioka, Y. 1-46238
- Takusagawa, K., Nagaoka, Y. Transverse phonon instability in one dimensional conductors 1-7599
- Takusagawa, M. see Hanamitsu, K. 1-41701
- Takusagawa, M. see Imai, H. 1-46339
- Takusagawa, M. see Morimoto, M. 1-46337
- Takusagawa, M. see Shima, K. 1-11002
- Takusagawa, N. Infrared absorption spectra and structure of fluorine-containing alkali silicate glasses 1-31140
- Takusagawa, N., Koyama, A. Infrared absorption spectra in the range $800\sim 700 \text{ cm}^{-1}$ and structure of fluorine-containing alkalisilicate glasses 1-16574
- Takzei, G.A. see Larikov, L.N. 1-38913, 1-47613
- Takzey, G.A. see Larikov, L.N. 1-16276
- Tal, Y., Levy, M. Expectation of atoms and ions: the Thomas-Fermi limit 1-45847
- Tal, Y. see Levy, M. 1-37115
- Tal-virsky, B.B. see Belousov, V.V. 1-49244
- Talaga, R. see McClelland, J.B. 1-28485
- Talaga, R.L. see Lockyer, N. 1-18503
- Talalaev, M.A. see Deryugin, I.A. 1-6643
- Talalaev, V.G. see Anokhin, S.B. 1-25645
- Talalakin, G.N. see Matveev, E.A. 1-34269
- Talandier, J. see Okal, E.A. 1-27081
- Talanov, V.I. see Averbakh, V.S. 1-24456
- Talanov, V.I. see Basovich, A.Ya. 1-51946
- Talanov, V.M. see Sakhenko, V.P. 1-2595
- Talapatra, G.B., Misra, T.N. Guest excitation energy in dilute organic mixed crystals with chemically distinct guests 1-16586
- Talapatra, G.B., Misra, T.N. Excitation spectra of delayed luminescence in a 'real' organic mixed crystal: naphthalene host-chrysene guest system 1-48131
- Talashkevich, I.P. Elastic constants of axial grain orientations of metals 1-8359
- Talashkevich, I.P., Slavov, V.I. Symmetry of textures and their orientations in cubic metals 1-8322
- Talaslidis, D. see Panagiotopoulos, P.D. 1-1821
- Talati, J.D., Patel, G.A., Patel, B.P. Aminophenols as corrosion inhibitors for aluminum-magnesium alloy in phosphoric acid 1-31713
- Talbot, I.C., Slatkin, D.N., Arnot, R.N., Doyle, F.H., Joplin, G.F. Pituitary ablation by yttrium-90 implantation: some post mortem and clinical observations 1-26945
- Talbot, L., Cheng, R.K., Schefer, R.W., Willis, D.R. Thermophoresis of particles in a heated boundary layer 1-37872
- Talbot, L. see Coe, D. 1-14963
- Talbot, R.J., Jr. The influence of the interstellar medium on climate and life. The black cloud revisited 1-22481
- Talbot, R.J., Jr., Jensen, E.B., Dufour, R.J. Anatomy of a spiral galaxy 1-4983
- Talbot, R.J., Jr. see Jensen, E.B. 1-54610
- Talbot-Bernard, S. see Cornet, M. 1-43474
- Talchech'nikova-Murri, S.A. The use of uncatalogued stars for improving parameters in the equations of reduction 1-54391
- Taldae, R.R. see Altarev, I.S. 1-28774
- Taleb, H. see Stephan, G. 1-29305
- Talenski, O.N. see Boiko, G.A. 1-8104
- Taleyarkhan, R., Harris, D.R. Stochastic analysis of instrument guide-tube vibrations in boiling water reactors 1-14584
- Talham, R.J. Noise correlation functions for anisotropic noise fields 1-37712
- Talia, J.E., Fernandez, L., Sethi, V.K., Gibala, R. Surface oxide softening of body-centered cubic refractory metals 1-12936
- Talianker, M. see Botstein, O. 1-53175
- Talianker, M. see Leibovich, C. 1-35253
- Talim, S.P. The cleaning of optical surfaces 1-15295
- Talin, B. see Giraud-Cotton, S. 1-19858
- Talipova, T.G. see Ermakov, D.A. 1-44211
- Talke, F.E. see Bogy, D.B. 1-37984
- Tal'ko, I.I. see Krivenko, V.M. 1-32177
- Tallal, P., Stark, R.E. Speech acoustic-cue discrimination abilities of normally developing and language-impaired children 1-46635

- Talents, G.J.**, Shorrock, L.D. A technique for determining characteristic curves for photographic emulsions in the extreme ultra-violet 1-28084
- Tallet, A.** see LeBerre-Rousseau, M. 1-41341
- Tallini, B.** Hadronic final states in neutrino and antineutrino charged-current events 1-10189
- Tallini, B.** see Deden, H. 1-28311
- Tallini, B.** see Fritze, P. 1-14431
- Tallman, C.R.**, Wingate, F.P., Ballard, E.O. Fiber-optic coupled pressure transducer 1-11096
- Tallman, C.R.** see Willis, W.L. 1-41674
- Talman, J.D.** Eigenvalue correction estimates for the one-dimensional Schrodinger equation 1-89
- Talman, J.D.** see Aashamar, K. 1-45830
- Talman, R.** see Bebek, C. 1-33191
- Talman, R.** see Chadwick, K. 1-33192
- Talmi, I.** Shell model foundation of the interacting boson model 1-5710
- Talmud, N.I.** see Reznichenko, V.A. 1-11863
- Talon, M.** see Capdequi-Peyranere, M. 1-14319
- Talsky, A.** see Janca, J. 1-15597
- Talsky, J.J.**, El Kattan, A.N. Electron and ion density enhancement in short lived nitrogen afterglow 1-2265
- Talukdar, B.** Interpolating amplitude equations from an embedding technique 1-27822
- Talukdar, B.**, Chatterji, M., Kundu, M. Two-potential formula continued off-the-energy-shell 1-45477
- Talukdar, P.**, Devi, M., Barbara, A.K. Sporadic-E at Gauhati 1-22610
- Talukdar, S.** Free energy for the Lifshitz point in the disordered phase 1-210
- Talwani, P.** see Rastogi, B.K. 1-22242, 1-53999
- Talwar, B.** see Davies, S.M. 1-10433
- Talwar, D.N.**, Ghosh, B.K. Phonon mode behaviour in mixed cuprous halides 1-12486
- Talwar, D.N.**, Vandevyver, M., Kunc, K., Zigone, M. IR absorption and Raman scattering spectra in mixed cuprous halides 1-48124
- Talwar, D.N.**, Vandevyver, M., Zigone, M. Raman scattering spectra in mixed $Ga_{1-x}Al_x(As)$ crystals 1-48085
- Talwar, D.N.** see Ting, C.S. 1-20905
- Tal'yanskaya, N.D.** see Vishnevskii, I.I. 1-31553
- Tal'yanskaya, N.N.** see Zhdanov, A.V. 1-30111
- Tal'yanskii, V.I.** see Klassen, N.V. 1-52605
- Tam, A.C.** Quasiresonant laser-produced plasma: an efficient mechanism for localized breakdown 1-6981
- Tam, A.C.** Optoacoustic determination of photo-carrier generation efficiencies of dye films 1-38806
- Tam, A.C.** see Hsieh, Y.K. 1-24183
- Tam, W.G.** see Zardecki, A. 1-19263
- Tam Kwok-Cheong** see Kwok-Cheong Tam
- Tamagake, K.**, Setser, D.W., Sung, J.P. Energy disposal by F atom abstraction reactions: HF vibrational-rotational distributions from F+HBr and HI 1-4062
- Tamagaki, R.**, Takatsuka, T., Fukawa, H. Neutron 3P_2 -dominant superfluidity with two-dimensional character under well-developed π^0 condensation 1-54540
- Tamagaki, R.** see Fukawa, H. 1-45444
- Tamagaki, R.** see Takatsuka, T. 1-54541
- Tamagawa, H.** see Yamane, Y. 1-10448
- Tamal, K.** see Hanlon, J. 1-18464
- Tamal, K.** see Kitagaki, T. 1-18467
- Tamain, B.** see Borderie, B. 1-23703
- Tamain, B.** see Hanappe, F. 1-50692
- Tamain, B.** see Peter, J. 1-50694
- Tamaki, A.**, Yamada, M., Kato, K. Development of data-processing system for remote sensing data 1-49394
- Tamaki, M.**, Ohnuki, A., Matsui, H., Matsumoto, G., Kirihara, T. Variation of magnetic ordering of UN by neutron irradiation 1-47884
- Tamaki, S.** see Gray, P. 1-16065
- Tamaki, S.** see Hikosaka, M. 1-47015
- Tamamura, T.** see Nakagawa, Y. 1-43616
- Tamamushi, R.** see Jain, S.K. 1-20438
- Tamamushi, R.** see Kumar Jain, S. 1-20510
- Tamari, N.** see Eger, D. 1-25309
- Tamaribuchi, T.**, Takano, F. Concentration expansion for random Ising systems 1-32928
- Tamarova, R.M.** A polarization method for examining the fundus oculi and anterior part of the eye 1-22101
- Tamas, G.** see Argan, P.E. 1-28331, 1-33190
- Tamate, O.**, Sekine, H., Hanazawa, T. Thermoelectric analysis of a semi-infinite elastic medium with a thin elastic stiffener 1-33899
- Tamati, T.** see Taniguchi, R. 1-54230
- Tamati, T.** see Yokota, M. 1-4601
- Tambay, R.G.** see Mehrotra, K.N. 1-42498
- Tambe, B.R.**, Ong, W., Manson, S.T. Branching ratios of Hg 5d and Cd 4d: Dirac-Fock calculations 1-45917
- Tamberlani, G.** Alternative energy sources—a statement of the facts 1-35602
- Tambiev, Yu.A.** see Malakhova, V.I. 1-33685
- Tambour, Y.** see Greenberg, J.B. 1-19707
- Tamega, F.** see Oya, A. 1-39259
- Tameyasu, T.** see Amemiya, Y. 1-13285
- Tamm, E.I.** see Aleksandrov, Yu.A. 1-5634
- Tamm, M.E.** see Andryushenko, E.D. 1-11842
- Tammann, G.A.**, Kraan, R. The galactic neighbourhood 1-9676
- Tammann, G.A.** see Yahil, A. 1-44622
- Tamminga, Y.** see van Gurp, G.J. 1-11908
- Tamoiokin, V.V.** see Gavrilenko, V.G. 1-46200
- Tamor, M.** see Wolfe, J.P. 1-16237
- Tamosiunas, S.** see Gaidelis, V. 1-12150
- Tamrazov, A.M.** see Soroka, B.S. 1-265
- Tamura, H.** see Arie, M. 1-42058
- Tamura, H.** see Arifuku, F. 1-35543
- Tamura, H.** see Ishitani, T. 1-977, 1-28123
- Tamura, H.** see Itoh, H. 1-4186
- Tamura, H.** see Kiya, M. 1-37942
- Tamura, H.** see Miyao, M. 1-2480
- Tamura, H.** see Takahashi, M. 1-25996
- Tamura, H.** see Wakao, K. 1-48533
- Tamura, I.** see Kakeshita, T. 1-16777
- Tamura, I.** see Maki, T. 1-26453
- Tamura, I.** see Tomota, Y. 1-26555
- Tamura, K.** see Hoshino, H. 1-25772
- Tamura, K.** see Kawana, H. 1-48832
- Tamura, K.** see Mushiage, M. 1-30376
- Tamura, K.** see Nishida, T. 1-31469
- Tamura, K.** see Nishiya, I. 1-4356
- Tamura, K.** see Saito, Y. 1-35910
- Tamura, M.** see Araki, R. 1-49166
- Tamura, M.** see Miyao, M. 1-2480
- Tamura, O.** see Nakanishi, S. 1-37556
- Tamura, P.N.** Stereophonic recording and reconstruction methods to generate real and virtual images 1-15354
- Tamura, P.N.** see Kujoor, M.A. 1-33081
- Tamura, S.** Design of multi-ring apparatus for use at high pressures 1-40810
- Tamura, S.**, Murakami, K. Influence of oxygen content in the atmosphere on chemical stress relaxation of natural rubber vulcanizates. I. Relaxation mechanisms of sulphur-cured systems 1-48409
- Tamura, S.** see Nomoto, S. 1-23731
- Tamura, S.** see Sakuma, T. 1-47353
- Tamura, S.** see Shimada, R. 1-7008
- Tamura, T.**, Hamamura, T. Coadsorption of nitric oxide, nitrogen and oxygen on a polycrystalline tungsten surface 1-38650
- Tamura, T.**, Udagawa, T., Mermaz, M.C. Direct reaction analyses of heavy-ion induced reactions leading to discrete states 1-23624
- Tamura, T.**, Weeks, K.J., Kishimoto, T. Analysis of nuclear collective motions in terms of the boson expansion theory 1-617
- Tamura, T.**, Weeks, K.J., Pedrocchi, V.G. Exact and approximate aspects of the boson expansion theories 1-50532
- Tamura, T.** see Ishigure, K. 1-780
- Tamura, T.** see Matsuoka, S. 1-53409
- Tamura, T.** see Takada, E. 1-41137
- Tamura, T.** see Udagawa, T. 1-5791
- Tamura, Y.** see Kanegyo, T. 1-26759
- Tan, B.T.** see Demaison, J. 1-24125
- Tan, C.W.** see Adam, C.McL. 1-53166
- Tan, H.S.**, Castner, T.G. Stress-induced shifts of shallow donor polarizabilities in n-type silicon 1-47536
- Tan, H.S.**, Fung, A.K., Eom, H. A second-order renormalization theory for cross-polarized backscatter from a half space random medium 1-29189
- Tan, K.-S.** A simple alignment technique for laser optics 1-33699
- Tan, L.C.**, Ng, L.K. Estimation of the antiproton flux in the primary cosmic radiation 1-27351
- Tan, M.** see Yamagishi, A. 1-26976
- Tan, S.R.**, May, G.J., McLaren, J.R., Tappin, G., Davidge, R.W. Strength controlling flaws in beta-alumina 1-43511
- Tan, T.B.** see Blyuysen, H.J.A. 1-3263
- Tan, T.H.** see Hauer, A. 1-7005
- Tan, T.Y.**, Foll, H., Krakow, W. Detection of extended interstitial chains in ion-damaged silicon 1-47076
- Tan, Y.T.** see Furman, B.K. 1-15918
- Tan, Y.T.** see Huyen, H.A., Jr. 1-47080
- Tan Chang-hua**, Hsu Ming-chen The influence of Schottky's back conductive current on dopant concentration measurements by the C-V technique 1-30259
- Tan Chang-hua**, Hsu Ming-chen The direct determination of dopant concentration profile in silicon epitaxial layers by constant current non-equilibrium MOS characteristics 1-30260
- Tan Chang-hua**, Xu Ming-chen The constant current transient technique for determination of electrical parameters in silicon chip and MOS properties 1-30827
- Tan Huijing** see Tan Zhicheng 1-39501
- Tan Jun-peng** see Wang Ye-ning 1-46443
- Tan Kai, A.**, Arnersten, H., Ericsson, T. Molecular orbital (MSX α) calculations of s-electron densities of tetrahedrally coordinated ferric iron. Comparison with experimental isomer shifts 1-11719
- Tan Kang-Hai** see Kang-Hai Tan
- Tan Lu** see Lu Tan
- Tan Rui-bao**, Pu Fu-ke The spin wave theory of isotropic Heisenberg's ferromagnetic system with biquadratic exchange interaction at low temperature 1-25946
- Tan Song-Sheng**, Chen Pei-Ran The effect of photo-injected carriers in forward biased junctions of a multijunction device 1-34776
- Tan Swee Lian** see Swee Lian Tan
- Tan Ting-dong**, Liu Zhong-cheng Estimate abnormal formation pressures with travel time of sonic logging 1-22500
- Tan Tjong-Kie** see Tjong-Kie Tan
- Tan Yun-peng** see Zhu Jin-song 1-24427
- Tan Zhicheng**, Zhou Lixing, Tan Huijing, Mei Wenlin Thermogravimetric study of direct carburizing by natural gas 1-39501
- Tan-No, N.**, Inaba, H. Generation and application of phase conjugation wavefronts in the optical range 1-37550
- Tan-sheng Cheng** see Cheng Tan-sheng
- Tanabe, S.** see Yamauchi, Y. 1-49152
- Tanabe, F.**, Yoshida, K., Matsumoto, K., Shimooka, T. Thermal-hydraulic analysis of the TMI accident by using RELAP4/MOD6/U4/J2 1-33333
- Tanabe, H.** see Kakinuma, F. 1-20695
- Tanabe, K.**, Sugawara-Tanabe, K. Prediction of a new phase in deformed nuclei 1-18551
- Tanabe, M.** see Sekimoto, H. 1-28695
- Tanabe, T.**, Adachi, H. LCAO cluster theory for hydrogen chemisorption on metal surfaces 1-2810
- Tanabe, T.**, Ohshiro, Y., Sato, K. A cold-cathode pig source for high-intensity Li^{2+} ion 1-28770
- Tanabe, T.**, Saitoh, N., Etoh, Y., Imoto, S. Hydrogen diffusion and permeation through metals under ion bombardment 1-18744
- Tanabe, T.** see Shikama, T. 1-16971, 1-39581, 1-48585
- Tanabe, Y.** see Suda, H. 1-43295, 1-47006
- Tanaev, M.Ya.** see Avatinyan, G.A. 1-37539
- Tanahashi, S.** see Ohkuo, K. 1-11576, 1-46902
- Tanahashi, S.** see Toi, K. 1-19946
- Tanahashi, T.** see Imai, H. 1-33704
- Tanahashi, T.** see Masuzawa, J. 1-11454
- Tanaka, A.** see Sakaki, H. 1-47733
- Tanaka, C.** see Yagi, K. 1-35351
- Tanaka, D.**, Hattori, Y. Performance characteristics of nonequilibrium MHD generator with fully ionized seed and enlargement of stabilized region 1-4210
- Tanaka, D.** see Stokes, L.F. 1-53853
- Tanaka, E.**, Nohara, N., Murayama, H. New Anger scintillation cameras with improved count rate capability 1-9007
- Tanaka, F.** Ground-state entropy of the infinite-range model of a spin glass 1-30948
- Tanaka, F.**, Edwards, S.F. Analytic theory of the ground state properties of a spin glass. I. Ising spin glass 1-20998
- Tanaka, F.**, Edwards, S.F. Analytic theory of the ground state properties of a spin glass. II. XY spin glass 1-25954
- Tanaka, F.** see Edwards, S.F. 1-7849
- Tanaka, G.** see Kawamura, H. 1-35718
- Tanaka, G.** see Tanaka, S. 1-11148
- Tanaka, G.** see Yoshioka, N. 1-11199
- Tanaka, H.**, Hagino, S., Nakai, E. Fabrication of fuel pellets from fluidized bed denitrated uranium trioxide 1-5983
- Tanaka, H.**, Iio, K., Nagata, K. Influence of cooperative Jahn-Teller effect in $CsCuCl_3$ crystals on the broadening of EPR lines 1-52833
- Tanaka, H.**, Inomata, Y., Hawabata, H. Strength of hot-pressed SiC by the addition of Al and B 1-43306
- Tanaka, H.**, Inomata, Y., Kawabata, H. Strength of hot-pressed SiC from Al doped α -SiC powder 1-21532
- Tanaka, H.**, Matsushita, T., Osamura, Y., Nishimoto, K. MO study on the photochemical isomerization of isoxazole 1-1122
- Tanaka, H.**, Miyata, H. Turbulent natural convection in a horizontal water layer heated from below 1-1959
- Tanaka, H.**, Shinouzu, T., Nakamura, K., Koike, K., Kuroiwa, H. ETS-II experiments. III. Weather radar system 1-17698
- Tanaka, H.**, Tokunaga, M., Tatsuzaki, I. Anisotropic polarization relaxation time observed by light scattering in KD_3PO_4 1-39031
- Tanaka, H.**, White, J.L. Experimental investigations of shear and elongational flow properties of polystyrene melts reinforced with calcium carbonate, titanium dioxide, and carbon black 1-42076
- Tanaka, H.**, Yoshida, K. Finding of plastic deformation zone by means of recrystallization 1-31539
- Tanaka, H.** see Amemiya, Y. 1-13285
- Tanaka, H.** see Ebata, T. 1-43648
- Tanaka, H.** see Hanamura, Y. 1-24719
- Tanaka, H.** see Hasegawa, Y. 1-16934, 1-21619
- Tanaka, H.** see Hijikata, A. 1-53381
- Tanaka, H.** see Honma, Y. 1-26796
- Tanaka, H.** see Inomata, Y. 1-26438
- Tanaka, H.** see Inoue, Z. 1-30182
- Tanaka, H.** see Lim, T.K. 1-1427
- Tanaka, H.** see Mitomo, M. 1-12797
- Tanaka, H.** see Nakagawa, K. 1-25756
- Tanaka, H.** see Nakaichi-Maeda, S. 1-32874
- Tanaka, H.** see White, J.L. 1-37863
- Tanaka, I.** see Kasatani, K. 1-46047

- Tanaka, I. *see* Ogusu, K. 1-6651
- Tanaka, J. Construction of the Photon Factory 2.5 GeV injector electron linac 1-23873
- Tanaka, J. Picosecond range single-bunch acceleration and detection 1-28748
- Tanaka, J., Tanaka, M., Kanamaru, N. The origin of the J band [in dye aggregates] 1-35073
- Tanaka, J. *see* Kohra, K. 1-50996
- Tanaka, J. *see* Nakamura, H. 1-33517, 1-41416
- Tanaka, J. *see* Reilly, J.J. 1-2634
- Tanaka, K. A method for preparing colored scanning electron micrographs using SE and BSE images 1-23377
- Tanaka, K. Scattering of electromagnetic waves by a rotating perfectly conducting cylinder with arbitrary cross section: point-matching method 1-29176
- Tanaka, K. Photoinduced refractive-index changes in amorphous semiconductors 1-46473
- Tanaka, K. Focusing system with constant angular field of view for the use of zoom lenses 1-50249
- Tanaka, K., Fujiyama, K., Nakagawa, Y., Nakamura, K., Kawabe, Y. X-ray diffraction study of ductile and brittle fracture mechanisms of structural low-carbon steel 1-3894
- Tanaka, K., Goldman, L.M. Observations of Brillouin sidescatter in laser-produced plasmas 1-15605
- Tanaka, K., Hamanaka, H. Photostructural change and related phenomena in chalcogenide glasses 1-42314
- Tanaka, K., Horiuchi, S., Sato, T., Zana, N. The earthquake generating stresses in the Western Rift Valley of Africa 1-32377
- Tanaka, K., Sugiyura, C., Nakai, S.-i., Ohno, Y. X-ray K-absorption spectra and electronic structures of vanadium hydrides and dueterides 1-43217
- Tanaka, K., Tanaka, M. Time-space boundary elements for transient heat conduction problems 1-29505
- Tanaka, K., Tanaka, M. Time-space boundary element formulation for boundary-value problems 1-40654
- Tanaka, K., Tanaka, M. A boundary element formulation in linear piezoelectric problems 1-48010
- Tanaka, K., Yamada, I., Uchida, S. Theoretical analysis of radiographic images by nonstationary Poisson processes 1-49105
- Tanaka, K. *see* Hama, S. 1-18417
- Tanaka, K. *see* Hirose, Y. 1-26669, 1-39545
- Tanaka, K. *see* Ifukube, T. 1-49157
- Tanaka, K. *see* Matsuoaka, S. 1-3878
- Tanaka, K. *see* Nakagawa, K. 1-43260
- Tanaka, K. *see* Okada, A. 1-53197
- Tanaka, K. *see* Okushi, H. 1-8709
- Tanaka, K. *see* Osamura, Y. 1-1073
- Tanaka, K. *see* Tanaka, M. 1-14576
- Tanaka, K. *see* Yamane, Y. 1-10448
- Tanaka, K. *see* Yoshimi, T. 1-13054
- Tanaka, M. The mechanistic consideration of the formation constant of metal complexes 1-8535
- Tanaka, M. Molecular dynamics simulation of the structure of liquid rubidium along the saturated vapour-pressure curve 1-25141
- Tanaka, M., Fujishita, H., Shiozaki, Y., Sawaguchi, E. X-ray diffraction profile analysis for the determination of the crystal structure of BaTiO₃ 1-25212
- Tanaka, M., Jouffrey, B. Many-beam lattice images calculated at 100 kV and 1000 kV 1-15765
- Tanaka, M., Saga, N., Fukumitsu, O. Reflection of a Gaussian beam at oblique incidence on a stratified dielectric medium 1-1488
- Tanaka, M., Sato, T., Kamimura, T. Computer simulation on microinstabilities and anomalous resistivity near the magnetic neutral sheet 1-46921
- Tanaka, M., Tanaka, K. Transient heat conduction problems in inhomogeneous media discretized by means of boundary-volume element 1-14576
- Tanaka, M. *see* Cho, Y. 1-33184
- Tanaka, M. *see* Fujita, H. 1-26538
- Tanaka, M. *see* Inazumi, M. 1-47982
- Tanaka, M. *see* Minami, T. 1-30075, 1-39084, 1-47287
- Tanaka, M. *see* Mizuki, Y. 1-17375
- Tanaka, M. *see* Morita, Y. 1-53741
- Tanaka, M. *see* Ohkubo, K. 1-46902
- Tanaka, M. *see* Murakami, H. 1-39139
- Tanaka, M. *see* Okanishi, S. 1-32236, 1-32237
- Tanaka, M. *see* Tanaka, J. 1-35073
- Tanaka, M. *see* Tanaka, K. 1-29505, 1-40654, 1-48010
- Tanaka, M. *see* Yamagata, T. 1-45484
- Tanaka, N. *see* Wriekat, A. 1-23659
- Tanaka, O. *see* Sekoguchi, K. 1-33870, 1-46735
- Tanaka, R. *see* Kurihara, S. 1-8717
- Tanaka, R. *see* Saria, J. 1-39352
- Tanaka, R. *see* Tsutsui, T. 1-48186
- Tanaka, S. On the age-hardening process of low Ag content Cu-Pd-Ag alloys 1-3757
- Tanaka, S. Reflections on sound field problems 1-6734
- Tanaka, S. Extended particle model of leptons and quarks and generalized Kaluza's unified field theory 1-10124
- Tanaka, S., Darzi, M., Winchester, J.W. Sulfur and associated elements and acidity in continental and marine rain from north Florida 1-13533
- Tanaka, S., Darzi, M., Winchester, J.W. Short term effect of rainfall on elemental composition and size distribution of aerosols in north Florida 1-54168
- Tanaka, S., Ichikawa, M., Akita, S. Statistical aspects of the fatigue life of nickel-silver wire under two-level loading 1-39422
- Tanaka, S., Kanzawa, Y. Ageing characteristics of Cu-Pd-Ag alloys 1-3756
- Tanaka, S., Kobayashi, H., Saito, H., Shionoya, S. Luminescence of high density electron-hole plasma in GaAs 1-8117
- Tanaka, S., Miyazawa, M. The measurement of thermal conductivity of porous media by a needle probe method 1-1815
- Tanaka, S., Mizushima, K., Iida, S. Electron spin-lattice relaxation of Fe²⁺ ion in rutile 1-12388
- Tanaka, S., Morita, H., Sakuraba, J. Use of a hollow cathode in a duoPlatron hydrogen ion source 1-23901
- Tanaka, S., Tanaka, G., Hoshikawa, M., Inagaki, N. Non-destructive refractive index profile identification of optical fibre preform utilizing X-rays 1-11148
- Tanaka, S., Yokota, H., Hoshikawa, M., Miya, T., Inagaki, N. Ultra-low-loss single-mode fiber with double synthetic cladding layers 1-11124
- Tanaka, S. *see* Cho, T. 1-15610, 1-34096
- Tanaka, S. *see* Hanlon, J. 1-18464
- Tanaka, S. *see* Hatakoshi, G. 1-37632, 1-37633
- Tanaka, S. *see* Kanekio, T. 1-26759
- Tanaka, S. *see* Kitagaki, T. 1-18467
- Tanaka, S. *see* Matsui, T. 1-8063
- Tanaka, S. *see* Moriyama, T. 1-11200
- Tanaka, S. *see* Nakamura, M. 1-38089
- Tanaka, S. *see* Ohkubo, K. 1-46902
- Tanaka, S. *see* Saiki, K. 1-52185
- Tanaka, S. *see* Saito, T. 1-19971
- Tanaka, S. *see* Shimokawa, T. 1-39423
- Tanaka, S. *see* Shin-ichi Uchida 1-47685
- Tanaka, S. *see* Tani, T. 1-38875, 1-47693
- Tanaka, T. Solar thermal electric power systems in Japan 1-8674
- Tanaka, T., Fillmore, D., Shao-Tang Sun, Nishio, I., Swislow, G., Shah, A. Phase transitions in ionic gels 1-15786
- Tanaka, T., Hattori, S. Effect of age hardening by interstitial solute atoms on behavior of hysteresis loop of low carbon steel under cyclic load 1-43434
- Tanaka, T., Ishizawa, Y. The de Haas-van Alphen effect in TiB₂ 1-34610
- Tanaka, T., Kawase, M. Effect of atmospheric humidity on fatigue strength of low carbon steels (distribution characteristics of lives and nucleation of micro-cracks) 1-26609
- Tanaka, T., Omoto, M., Donkai, M., Inagaki, H. Composition and molecular weight distribution of block copolymers 1-33584
- Tanaka, T., Omoto, M., Inagaki, H. Conformation of isolated block copolymer molecules 1-33585
- Tanaka, T., Shao-Tang Sun, Nishio, I., Swislow, G., Shah, A. Phase transitions in ionic gels 1-43707
- Tanaka, T., Yoshizawa, S., Osawa, Y. Characteristics of strong earthquake ground motion in the period range from 1 to 15 seconds. Analysis of the low-magnification seismograph records 1-9093
- Tanaka, T. *see* Ikeda, M. 1-16255
- Tanaka, T. *see* Kamimoto, M. 1-8763
- Tanaka, T. *see* Matsumura, K. 1-10720
- Tanaka, T. *see* Matsunami, H. 1-4182
- Tanaka, T. *see* Mitani, K. 1-4179
- Tanaka, T. *see* Nishino, S. 1-35182
- Tanaka, T. *see* Nishio, I. 1-42283
- Tanaka, T. *see* Oshima, C. 1-38634
- Tanaka, T. *see* Otani, S. 1-35170, 1-53086
- Tanaka, T. *see* Saria, J. 1-26258
- Tanaka, T. *see* Shao-Tang Sun 1-29155
- Tanaka, T. *see* Takamiya, S. 1-11023
- Tanaka, W. *see* Soyano, T. 1-13701
- Tanaka, W. *see* Azumi, M. 1-6939
- Tanaka, W. *see* Hatada, K. 1-24302
- Tanaka, W. *see* Kasatani, K. 1-46047
- Tanaka, W. *see* Matsuoaka, M. 1-22927
- Tanaka, W. *see* Murakami, T. 1-27633
- Tanaka, W. *see* Okabe, H. 1-33521
- Tanaka, W. *see* Sakamoto, Y. 1-29922, 1-29941
- Tanaka, W. *see* Shiraiishi, T. 1-26997
- Tanaka, Z. *see* Sakakibara, M. 1-25245, 1-28969
- Tanaka, Z. *see* Hatakeyama, I. 1-39984
- Tanaka, H. *see* Saiki, K. 1-52185
- Tananaev, A.N. *see* Suvorov, A.M. 1-9167
- Tananaev, I.V., Volodina, A.N., Bol'shakova, N.K. Mixed indium selenites [preparation] 1-39258
- Tananaev, I.V. *see* Availian, M.A. 1-12978
- Tananaev, I.V. *see* Chudinova, N.N. 1-35164
- Tananaev, I.V. *see* Dzhrinskii, B.F. 1-39136
- Tananaev, I.V. *see* Gorbunova, Yu.E. 1-20164
- Tananaev, I.V. *see* Lazarevskii, E.V. 1-39257
- Tananaev, I.V. *see* Linde, S.A. 1-20163
- Tananaeva, O.I. *see* Andryushenko, E.D. 1-8217, 1-8218
- Tananakin, V.A. *see* Pavlovskii, A.I. 1-18931
- Tananko, I.A., Guiva, R.T., Belozero, V.V. Isothermal decomposition of austenite in steel 60N5 1-3694
- Tanas, R. *see* Fick, Z. 1-41342
- Tanasescu, F.L.T., Antohi, C., Cramariu, R. Automatic installation for metal surface protection by powder coatings of plastics in an electrostatic field 1-31731
- Tanashi, S. *see* Toi, K. 1-46911
- Tanatar, M.A. *see* Ostapenko, S.S. 1-35088
- Tanbun-Ek, T. *see* Arai, S. 1-11021
- Tancula, M. *see* Idczak, E. 1-16621
- Tandberg-Hanssen, E. *see* Cheng, C.-C. 1-4850
- Tandberg-Hanssen, E. *see* Wu, S.T. 1-54434
- Tandon, J.L. *see* Lee, C.P. 1-7731
- Tandon, J.N. *see* Das, M.K. 1-17815
- Tandon, J.N. *see* Sharma, R.K. 1-21713
- Tandon, P.P. *see* Gerber, J. 1-16513
- Tandon, R.P. *see* Button, D.P. 1-30454
- Tandy, P.C., Thaler, R.M. Multiple scattering expansion with distortion 1-18612
- Tandy, P.C. *see* Knudson, J.N. 1-14462
- Taneda, S. Visualization of steady flows induced by a circular cylinder performing a rotary oscillation about an eccentric axis 1-19844
- Taneichi, H., Ueno, H., Shoda, K., Kawazoe, Y., Tsukamoto, T. The ¹⁹Ne(e,d₀) reaction in the giant multipole resonance region 1-18618
- Taneja, O.P. *see* Dawar, A.L. 1-7643, 1-38870, 1-38873, 1-52673
- Tanemura, S. *see* Aoto, Y. 1-20528
- Tanenbaum, G.M. *see* Alexandrovich, G.V. 1-45607
- Tanenbaum, W. *see* Bebek, C. 1-33191
- Tanenbaum, W. *see* Chadwick, K. 1-33192
- Tang, C.L. Observation of wavelike motion of the Gaspe Current 1-27185
- Tang, C.L. *see* Dulic, A. 1-41519
- Tang, C.L. *see* Halbut, J.M. 1-37544, 1-46445
- Tang, D.D. *see* Silvestri, V.J. 1-8236
- Tang, D.H., Pinder, G.F. A new algorithm for the numerical solution of nonlinear parabolic partial differential equations 1-22995
- Tang, H.W. *see* Barber, D. 1-14407
- Tang, H.W. *see* Barber, D.P. 1-534, 1-28309
- Tang, I.N. On the equilibrium partial pressures of nitric acid and ammonia in the atmosphere 1-13504
- Tang, J., Pines, A. Multiple quantum NMR study of correlation of two methyl groups 1-3271
- Tang, J., Sterna, L., Pines, A. Anisotropic spin-lattice relaxation of deuterated hexamethylbenzene 1-52857
- Tang, K.T., Toennies, J.P. A simple theoretical model for the van der Waals potential at intermediate distances. III. Anisotropic potentials of Ar-H₂, Kr-H₂, and Xe-H₂ 1-46050
- Tang, K.T. *see* Choi, B.H. 1-24209
- Tang, K.T. *see* Sun, J.C. 1-35522
- Tang, K.Y., Lorents, D.C., Sharpless, R.L., Huestis, D.L., Helms, D., Durrett, M., Walters, G.K. Study of XeCl₂/XeCl excited state kinetics using synchrotron radiation excitation 1-39590
- Tang, L.C. *see* Barber, D.P. 1-534
- Tang, L.G. *see* Barber, D.P. 1-28309
- Tang, S.Y. *see* Neynaber, R.H. 1-46114
- Tang, W.M., Connor, J.W., Hastie, R.J. Kinetic-ballooning-mode theory in general geometry 1-29863
- Tang, W.M., Rewoldt, G., Frieman, E.A. Integral equation analysis of drift wave eigenmodes in a sheared slab geometry 1-29868
- Tang, W.M. *see* Frieman, E.A. 1-2183
- Tang, W.M. *see* Lee, W.W. 1-11549
- Tang, W.M. *see* Rewoldt, G. 1-11550, 1-46880
- Tang, Y.C. *see* Lemere, M. 1-10372
- Tang, Y.C. *see* Liu, Q.K. 1-41125
- Tang Au-Chin, Cho Ching-Yu, Sun Chia-Chung V-coupling coefficients from SO(3) to the octahedral group 1-7567
- Tang Au-Chin, Sun Chia-Chung, Li Bei-Foo Application of Lie algebra to ligand-field theory 1-7566
- Tang Cha-mei *see* Cha-mei Tang
- Tang Chao-tsen, Shen Ya-peng An eddy-current method for crack growth or propagation measurements and experimental investigations of the characteristics of crack propagation velocity 1-1899
- Tang Chen-Huei *see* Miao Ho-Cho 1-21393
- Tang Chia-yong *see* Cheng Huan-sheng 1-25544
- Tang Di-Sheng, Che Guang-can, Chen Li-Quan Phase diagram of the pseudo-binary system Li₂GeO₄-Zn₂GeO₄ 1-48331
- Tang Di-Sheng, Che Guang-can, Tian Jing-hua Investigation of the solid solutions in alkali-metal iodate pseudo-binary systems 1-2611
- Tang Di-sheng, Fu Zheng-ming, Li Wen-xiu Investigation of the pseudo-binary system LiIO₃-Zn(IO₃)₂ 1-53160
- Tang I-Ming *see* I-Ming Tang

- Tang Kai, A.** A study of the optical absorption and the hyperfine constant of the F-centre in alkali halides by means of the multiple scattering Xa method 1-39128
- Tang Liang-an** see Zhang Shou-Oing 1-3609
- Tang Nai-Xun** see Feng Xi-Zhang 1-41287
- Tang Nguyen** see Nguen Tang
- Tang Ren-ji,** Wang Kai Griffith crack problem under asymmetrical loads 1-29618
- Tang Ru-ming** see Hu Jing-zhu 1-25630
- Tang Tso-gao,** Zhu Hong On the analysis and design of Johnson's counter 1-23985
- Tang Xian-de,** Chan De-qin, Li Ming-sheng, Zhu Ding-shi The effect of heat treatment on practical multifilamentary Nb₃Sn conductor 1-53211
- Tang Xian-de** see Wu Zi-qin 1-20410
- Tang Xiao** see Pan Shao-hua 1-51520
- Tang Xiao-ying** see Yang Lan-tian 1-40574
- Tang Zhou** see Zhou Tang
- Tangborn, W.V.** A model to forecast short-term snowmelt runoff using synoptic observations of streamflow, temperature and precipitation 1-36015
- Tange, H., Goto, M.** Forced volume magnetostriction of disordered Ni-Mn alloys 1-7929
- Tange, H., Yonei, T., Goto, M.** Forced volume magnetostriction of Ni-Cr alloys 1-47922
- Tangemann, H.** Flow phenomena and fluid-elastic vibrations of bundles of tubes immersed in a transverse flow 1-42016
- Tango, W.J., Twiss, R.Q.** Michelson stellar interferometry 1-32624
- Tangonan, G.L., Persechini, D.I., Morrison, R.J., Wysocki, J.A.** Current sensing with metal-coated multimode optical fibres 1-24502
- Tangri, K.** see Mehrotra, B.N. 1-3821
- Tanguay, A.R., Jr.** see Owechko, Y. 1-24489
- Tanguay, A.R., Jr.** see Softer, B.H. 1-24478
- Tanguy, P.** French emphasis on research to confirm margins 1-28629
- Tani, B.S.** see Bates, J. 1-53157
- Tani, I.** Some thoughts on boundary layer transition 1-42042
- Tani, K.** see Shimada, R. 1-7008
- Tani, T., Itoh, T., Tanaka, S.** Seebeck effect in superconducting BaPb_{1-x}Bi_xO₃ system 1-47693
- Tani, T., Kitazawa, K., Itoh, T., Maruyama, S., Tanaka, S., Fukei, K.** Studies on superconducting oxide BaPb_{1-x}Bi_xO₃: a new superconducting region and electron transport properties 1-38875
- Tani, T.** see Kamimoto, M. 1-8763, 1-43807
- Tani, T.** see Matsuzaki, Y. 1-2226
- Tanie, K.** see Tachi, S. 1-13349
- Taniewska-Osinska, S., Piestrzynska, B., Logwinienko, R.** The enthalpy of solution of NaI, NaCl, NaClO₄, and urea in water-terhydrofuran mixtures at 298.15 K 1-21756
- Tanifuji, M.** see Noya, H. 1-18632
- Tanifuji, T., Noda, K., Nasu, S., Uchida, K.** Tritium release from neutron-irradiated Li₂O: constant rate heating measurements 1-20270
- Tanigawa, H., Nakajima, K., Matsuura, S.** Modified zone-plane interferometer for testing aspheric surfaces 1-10011
- Tanigawa, K.** see Hikita, H. 1-11443
- Tanigawa, M.** see Terashita, K. 1-35295
- Tanigawa, S.** see Yamanaka, M. 1-19970
- Tanigawa, T.** see Shimada, S. 1-31055
- Taniguchi, H.** see Fujii, Y. 1-33097
- Taniguchi, H.H., Rasmussen, G.** Selection and use of microphones for engine and aircraft noise measurements 1-19506
- Taniguchi, K., Kurosawa, K., Kashiwagi, M.** Oxidation enhanced diffusion of boron and phosphorus in (100) silicon 1-20458
- Taniguchi, K.** see Adachi, H. 1-26309
- Taniguchi, M., Hirose, M., Hamasaki, T., Osaka, Y.** Novel effects of magnetic field on the silane glow discharge 1-34130
- Taniguchi, M.** see Morita, Y. 1-53741
- Taniguchi, M.** see Nakashita, T. 1-20608
- Taniguchi, M.** see Sakaki, H. 1-47733
- Taniguchi, R., Yokota, M., Kawaguchi, E., Tamai, T.** Knowledge based recognition system of weather chart 1-54230
- Taniguchi, V.T., Sailasuta-Scott, N., Anson, F.C., Gray, H.B.** Thermodynamics of metalloprotein electron transfer reactions 1-13035
- Taniguchi, Y.** see Hara, K. 1-20375
- Taniguchi, Y.** see Suzuki, H. 1-3912, 1-26550, 1-43343
- Tanihata, I., Lemaire, M.-C., Nagamiya, S., Schnetzer, S.** Two-proton correlation measurements in 800 and 400 MeV/nucleon heavy-ion reactions 1-18669
- Tanikawa, K.** Method of surface of section applied to a possible capture origin of Jupiter's satellites 1-44481
- Tanimoto, A.** see Mori, S. 1-15480
- Tanimoto, M.** see Koyama, K. 1-46862
- Tanimoto, M.** see Matsumoto, Y. 1-42204
- Tanimoto, O.** see Okido, S. 1-1051
- Tanimoto, T., Amijima, S., Ishikawa, H.** A reliability analysis approach to fatigue life dispersion of laminated glass fibre composite materials 1-48505
- Tanimoto, T., Sato, R.** Ocean bottom displacements and velocities due to underwater explosions 1-44120
- Tanimoto, T.** see Matsuura, M. 1-32399
- Tanimura, K., Soda, K., Itoh, N.** Evolution of Frenkel pairs from excited states of self-trapped excitons in alkali halides 1-35077
- Tanimura, K.** see Ban, Y. 1-20636
- Tanimura, K.** see Toriumi, K. 1-2437
- Tanimura, M., Uryu, N.** Influence of the field strength and direction on the magnetic phases of an antiferromagnet with uniaxial anisotropy 1-34877
- Tanimura, O., Tazawa, T.** Gross structure in elastic and inelastic scatterings of ¹⁶O+¹⁶O 1-10388
- Tanimura, O.** see Tazawa, T. 1-41087
- Tanimura, S.** see Yamagishi, A. 1-26976
- Tanino, H., Nakahara, J., Kobayashi, K.** Resonance Raman scattering and induced lattice relaxation in mixed valence chain compound Wolffram's red 1-48064
- Tanino, M.** see Kurosawa, F. 1-43341, 1-43342
- Tanis, J.A., Shafroth, S.M., Willis, J.E., Mowat, J.R.** Evolution of projectile double-K-vacancy fractions with target thickness in ion-atom collisions 1-14997
- Tanis, J.A., Shafroth, S.M., Willis, J.E., Mowat, J.R.** Radiative electron capture by Cl ions incident on C and Cu foils 1-24236
- Tanisaki, S., Mashiya, H., Hasebe, K., Shirosi, Y., Sawada, S.** Room-temperature phase of lithium rubidium sulphate 1-30156
- Tanisaki, S.** see Hasebe, K. 1-11860
- Tanishiro, Y.** see Osakabe, N. 1-2788, 1-38635
- Taniuchi, T.** see Doi, M. 1-6897
- Tanizawa, T.** see Uenishi, M. 1-43481
- Tanji, H., Bradt, R.C.** Thermal expansion of Sb₂O₃-stabilized Bi₂O₃ polymorphs 1-38563
- Tankee, A.P.** see Philipp, B.N. 1-38956
- Tanna, H.K.** Coannular jets—are they really quiet and why? 1-24593
- Tannenbaum, M.J.** see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Tanner, A.C., Linder, B.** Matrix elements of the Coulomb Green function between Slater orbitals 1-14803
- Tanner, A.C.** see Linder, B. 1-24203
- Tanner, B.K.** see Buckley-Golder, I.M. 1-21528
- Tanner, B.K.** see Jones, F.J. 1-405
- Tanner, D.B.** see Grannan, D.M. 1-39024
- Tanner, D.B.** see Russell, N.E. 1-39096
- Tanner, D.J.** see Rensel, W.B. 1-23853
- Tanner, D.M.** see Zeller, A.F. 1-5688
- Tanner, D.P., Johnson, G.R., Sefcik, M.D.** Chemical modification of hydrogenated amorphous silicon 1-32047
- Tanner, L.E.** The stable and metastable phase relations in the Hf-Be alloy system 1-21419
- Tanner, L.E.** see Macland, A.J. 1-20557
- Tanner, L.E.** see Ray, R. 1-12807
- Tanner, N.W.** see Stanovnik, A. 1-23950
- Tanner, R.D., Ustruck, R.E., Packman, P.F.** Adsorption and hysteresis behavior of crack-detecting liquid penetrants on steel plates 1-47374
- Tanner, R.D.** see Crooke, P.S. 1-31824
- Tanner, R.L.** see Grisham, D.L. 1-50976
- Tanner, R.L.** see Lioy, P.J. 1-53725
- Tannhauser, D.S.** see Braunstein, D. 1-48827
- Tanno, T., Wöhrl, D., Kaneko, M., Yamada, A.** Rapid photoreduction of methyl viologen with visible light using metal-phthalocyanines as sensitizers 1-39652
- Tannous, C., Caille, A., Zuckermann, M.J.** Peierls transition in substitutionally disordered quasi-one-dimensional conductors 1-12102
- Tano, S., Eguchi, H., Yamane, I., Yamashita, H., Yamaguchi, H.** Effects of 6 MeV protons on dry seeds of *Chloris distachya* 1-53829
- Tanomaru, N.** see Barreto, J.M. 1-36996
- Tanoaka, H.** Radiation and cancer 1-39969
- Tanos, E.** see Gyimesi, F. 1-6506, 1-29231
- Tans, P.P.** On calculating the transfer of carbon-13 in reservoir models of the carbon cycle 1-44287
- Tans, P.P., Mook, W.G.** Past atmospheric CO₂ levels and the ¹³C/¹²C ratios in tree rings 1-13556
- Tanskanen, P.** see Ogenoorth, H.J. 1-4719
- Tansley, T.L.** see Raven, M.S. 1-2842
- Tantardini, G.F., Simonetta, M.** Chemisorption of H₂ on Pt(111): a model potential 1-8616
- Tantashvili, M.V.** see Golubitskii, B.M

- Tarasenko, V.F., Verkhovskii, V.S., Fedorov, A.I., Tel'minov, E.N. Electric-discharge XeCl laser 1-51509
- Tarasenko, V.F. see Danilova, V.I. 1-6552
- Tarasenko, V.F. see Konovalov, I.N. 1-24409
- Tarasenko, V.F. see Kostin, M.N. 1-51499
- Tarasenko, V.G. see Bespyatykh, Yu.I. 1-25923
- Tarasenkov, V.V. see Bugorski, A.P. 1-18653
- Taras'ev, G.S. see Levin, V.A. 1-24683
- Tarasovich, B.P. see Gerasimov, V.V. 1-39483
- Tarasovich, Yu.I. see Sivalov, E.G. 1-39122
- Tarashchanskii, V.A. see Percevaev, V.D. 1-50195
- Tarashkevich, V.N. see Kropotkin, M.A. 1-4223
- Tarasik, M.I., Tkachev, V.D., Yanchenko, A.M. Investigation of the recombination properties of oxygen complexes in silicon 1-20765
- Tarasov, A.A. see Volosov, V.D. 1-33696
- Tarasov, A.N., Artamonova, G.D. Formation of the diffusion layer during high-temperature gas carbonitriding of steel 2Kh13 1-8480
- Tarasov, B.V. see Orlov, D.I. 1-39480
- Tarasov, I.S. see Alfierov, Zh.I. 1-1578
- Tarasov, I.S. see Gorelenok, A.T. 1-39255
- Tarasov, O.V. see Ardeev, L.V. 1-14268
- Tarasov, O.V. see Gdvtch, V.P. 1-50
- Tarasov, R.P. Propagation of Gaussian beams in plano-curved optical waveguides with a parabolic refractive index profile 1-33799
- Tarasov, V.F. see Vladimirov, V.A. 1-33967
- Tarasov, V.I. see Kolesnikov, N.N. 1-41071
- Tarasov, V.N. see Kirichenko, Yu.V. 1-675, 1-14483
- Tarasov, Yu.A. On the multiplicity of secondary particles in high energy proton-nucleus collisions 1-10272
- Tarasova, D.V. see Tsikoza, L.T. 1-16833
- Tarasova, N.M. see Askar'yan, G.A. 1-51970
- Tarasova, O.B. see Nartova, T.T. 1-16884
- Tarasuk, W.R. see Gacessa, M. 1-50780
- Taratynov, S.I. see Sanitarov, V.A. 1-48334
- Tarayan, N.K. see Larionov, O.I. 1-27296
- Tarbaev, N.I. see Sal'kov, E.A. 1-12535, 1-38815
- Tarbee, Yu.V., Krasnov, K.A., Troitskii, E.A. Photogalvanometric self-balancing instruments of maximum sensitivity 1-23204
- Tarbell, J.M. A two-timing formalism for autonomous oscillations 1-24722
- Tarbell, J.M. see Lin, J.Y. 1-11461
- Tarbeyev, Yu.V., Rozhdensvenskaya, T.B., Krotkov, I.N., Galakhova, O.P. New system of primary standards for electrical units and its development at the D.I. Mendeleev Research Institute of Metrology (VNIM) 1-23163
- Tarbeyev, Yu.V. see Hofmann, D. 1-23142
- Tarcsai, Gy. see Jiricek, F. 1-13642
- Tarczon, J.C., Miyano, K. Shear mechanical properties of freely suspended liquid-crystal films in the smectic-A and smectic-B phases 1-34230
- Tardieu, A. see Moody, M.F. 1-8820
- Tardy, B. see Bertolini, J.C. 1-38655
- Tardy, J., Poitevin, J.M., Lempereire, G. Glow discharge mass spectrometry of silicon DC sputtering in argon-hydrogen 1-43258
- Tareen, J.A.K., Kutty, T.R.N. Hydrothermal phase equilibria in $\text{Ln}_2\text{O}_3\text{-H}_2\text{O-CO}_2$ systems. I. The lighter lanthanides 1-3703
- Tareev, A.M. Checking the difference in angles and pyramidity of prisms during their fabrication 1-29417
- Tarengi, M. see Macagnani, D. 1-54602
- Tarengi, M. see Menzies, J.W. 1-54532, 1-54533
- Tarengi, M. see Perola, G.C. 1-9650
- Tarengi, M. see Treves, A. 1-49720
- Tarenkov, V.Yu. see Svistunov, V.M. 1-3115
- Tareyeva, E.E. On a statistical theory of polymorphic phase transitions and crystallization 1-38535
- Tarina, D. see Barb, D. 1-43044
- Tariyal, B.K. see Stone, F.T. 1-29392
- Tarjus, G., Bratos, S. Theoretical study of Raman scattering from pure liquids 1-45974
- Tarkanyi, F. see Alkhazov, G.D. 1-45464
- Tarkanyi, F. see Aray, Z. 1-23937
- Tarkhanov, G.V. see Genkin, M.D. 1-37692
- Tarkhanov, O.V., Nesterov, V.A. Electromagnetic angular-velocity converter 1-50111
- Tarkhanov, V.I. see Dudkin, V.I. 1-26077
- Tarkhanyan, R.G. Excitation of surface-emitted electromagnetic waves in conducting crystals 1-25816
- Tarkhova, T.N. see Chuprunov, E.V. 1-20025
- Tarkovskii, E.I. see Berezin, V.M. 1-37057
- Tarkowska, A., Adam, W.-E., Bitter, F. Assessment of the left ventricular function with the nuclear stethoscope 1-8979
- Tarle, G. see Green, M.A. 1-49517
- Tarle, G. see Salamon, M.H. 1-25344
- Tarlino, M. see Celeghini, E. 1-50344
- Tarnai, T. Destabilizing effect of additional restraint on elastic bar structures 1-11330
- Tarney, J. see Weaver, B.L. 1-32393, 1-32439
- Tarnoczi, T., Nagy, I., Hosso, M. Influence of structural relaxation on basic magnetic properties in metallic glasses 1-3179
- Tarnopol'skii, B.L. see Andrianov, V.I. 1-2282
- Tarnovetskii, V.V., Andreev, Yu.S. Calculation of the optical stage of the formation of an image of a photographic original in a contact copying process and its application 1-23348
- Tarnovskii, G.A. see Khomenko, O.A. 1-43397
- Tarnowski, D. see Barreau, P. 1-28471
- Tarnowski, D. see Bernheim, M. 1-45495
- Tarnowski, D. see Jans, E. 1-28470
- Taroco, E. see Feijoo, R.A. 1-11300
- Tarongi, A. see Alberigi Quaranta, A. 1-32971
- Taroyan, S.P. see Avakyan, R.O. 1-45494
- Tarozzi, G. see Sella, F. 1-27818
- Tarr, S.M., Schiavone, J.A., Freund, R.S. Direct excitation of high-orbital-angular-momentum states of rare-gas atoms by electron impact 1-24267
- Tarrach, R. see Pascual, P. 1-5565
- Tarrach, R. see Alonso, J.L. (editor) 1-13904
- Tarrago, X. see Alexander, J. 1-50645
- Tarrant, E.A. see Moore, D.A. 1-53151
- Tarrant, I.D. see Gaskell, P.H. 1-7085
- Tarricone, L. Influence of the interfacial layer on the properties of the Au/ZnSe Schottky barrier 1-25801
- Tarricone, L. see Mora, S. 1-34768
- Tarshish, M.S., Loitsok, O.D. Transients in a partial flowmeter 1-2111
- Tarsia, R. see Lortet, M.C. 1-13776
- Tartakovskii, B.D. see Anfingentov, V.I. 1-37688
- Tartakovskii, B.D. see Zeinettinova, R.Z. 1-37685
- Tartakovskii, I.I. see Maksimov, A.A. 1-3402
- Tarte, G. see Peyaud, B. 1-14758
- Tarte, P. see Preudhomme, J. 1-38531
- Tarucha, S., Minakata, M., Noda, J. Complementary optical bistable switching and triode operation using LiNbO_3 directional coupler 1-46591
- Tarumov, E.Z. see Koba, G.I. 1-41282
- Tarumyan, S.A. see Abraamyan, Yu.A. 1-7715
- Tarunin, E.L. Flow of a viscous fluid in a closed cavity in the presence of slip effects 1-33966
- Tarutani, Y., Kawabe, O. A-15-type Nb-Si thin films prepared by co-evaporation and their atomic ordering processes 1-34596
- Tarutani, Y., Yamada, K., Kawabe, O. $\text{V}_3\text{Si-SiO}_2\text{-Mo}_2\text{Re}_3$ superconducting tunnel junctions 1-47816
- Tarver, C.M. see Lee, E.L. 1-31860
- Tasaka, H., Kiyose, R. Current researches on safety assessment of radioactive waste disposal in the United States 1-813
- Tasaka, K. see Hanson, G.H. 1-45677
- Tasaka, S. see Ushida, N. 1-546
- Taschner, W. Dependency of V-T-curves on the front steepness of testing voltage in SF_6 measuring method and definitions 1-11495
- Tascione, T. see Rush, C.M. 1-32579
- Tascon, J.M.D., Gonzalez Tejuca, L. Adsorption of CO on the perovskite-type oxide LaCoO_3 1-20572
- Tascon, J.M.D., Gonzalez Tejuca, L. Adsorption of oxygen on the perovskite-type oxide LaCoO_3 1-20573
- Tashima, M.M. see Cook, L.W. 1-47407
- Tashimov, M. see Barke, E. 1-5664
- Tashiro, M. see Arioka, M. 1-21403
- Tashita, N. see Okada, T. 1-10868
- Tashkinov, G.D., Sorokin, V.A., Tikhonova, L.V. Sylphon strain gauge resistor pressure transducer 1-14112
- Tashlykov, L.S. see Komarov, F.F. 1-11777
- Tasi, J. Evolution of shock waves in a one-dimensional lattice 1-38450
- Tasi, J. A second-order Korteweg-de Vries equation for a lattice 1-38451
- Tasic, A.Z. see Djordjevic, B.D. 1-38035
- Tasic, J. see Bajic, B. 1-29452
- Tasior-Grabianowska, K., Krol, J. Superplastic phenomena of eutectoidal Al 78 wt.% Zn alloy 1-16829
- Tasker, G.W. see Malm, D.L. 1-30602
- Tasker, P.W. The structure and properties of fluorite crystal surfaces 1-7436
- Tasker, P.W., Bullough, T.J. An atomistic calculation of extended planar defects in ionic crystals. Application to stacking faults in the alkali halides 1-52154
- Taskinen, A., Holopainen, H. Influence of copper on the activity coefficient of oxygen in liquid lead 1-26425
- Taskinen, P. Solution thermodynamics of oxygen and solubility of iridium in dilute copper-iridium-oxygen alloys at 1423K 1-20391
- Tasoulas, G.W. see Pinter, G.R. 1-6017
- Tassan, S. see Azzoni, P. 1-777
- Tassart, J. see Irving, E. 1-28579
- Tassart, J. see Miossec, D. 1-28578
- Tasset, F. see Gignoux, D. 1-25884
- Tasset, F. see Lartigue, C. 1-20126
- Tasset, F. see Percheron-Guegan, A. 1-20119
- Tasset, F. see Schweizer, J. 1-25882
- Tassett, F. see Lartigue, C. 1-25204
- Tassi, A. see Rastelli, E. 1-3132
- Tasso, H. On the stability of dissipative systems with circulatory forces 1-23008
- Tasso, H., Virtamo, J.T. Energy principle for 3-d resistive instabilities in shaped-cross-section Tokamaks 1-19898
- Tassoni, D. see Hamar, R. 1-52106
- Tassoul, M. Asymptotic approximations for stellar nonradial pulsations 1-40467
- Tasto, M. see Schomberg, H. 1-35911
- Tasumi, M. see Harada, I. 1-39072
- Tatar, R.C., Holzwarth, N.A.W., Rabii, S. Energy band structure of three dimensional graphite 1-47453
- Tatar, R.C. see Rabii, S. 1-47629
- Tatarchenko, A.A. see Zhdanov, A.V. 1-30111
- Tatarchenko, V.A. see Yalovets, T.N., Satunkin, G.A., Zatulovsky, L.M., Egorov, L.P., Kravtsov, D.Ya. Defects in shaped sapphire crystals 1-2361
- Tatarchenko, V.A. see Abrosimov, N.V. 1-31335
- Tatarchenko, V.A. see Agafonov, M.S. 1-31329
- Tatarchenko, V.A. see Azoyan, S.E. 1-31332
- Tatarchenko, V.A. see Borodin, V.A. 1-7098, 1-31339
- Tatarchenko, V.A. see Brenner, E.A. 1-7096, 1-7097, 1-7099, 1-30106
- Tatarchenko, V.A. see Erofeev, V.N. 1-7100
- Tatarchenko, V.A. see Shi, J. 1-30113
- Tatarek, J. see Swiecki, Z. 1-31396, 1-31397
- Tatarenkov, V.M., Il'in, V.G., Kiparenko, V.I., Korobov, V.K., Pushkin, S.B. Current state and prospects for frequency measurements in the optical range [laser radiation frequencies] 1-24442
- Tatarenkov, V.M. see Domnin, Y.S. 1-36632
- Tatarintsev, B.V., Ovcharenko, N.V., Yakhkind, A.K., Alae, V.Ya., Pogodaev, A.K. Equilibrium and kinetics of ion exchange between alkali borolumino-silicate glass and fused alkali nitrates 1-43660
- Tatarintsev, L.V. see Artem'ev, A.Yu. 1-46311
- Tatarintsev, V.M. see Aleksandrov, V.I. 1-38400
- Tatariewicz, J. On the inclusion of macroscopic theory in Monte Carlo simulation using game theory 1-15938
- Tatarskii, V.V., Shikin, V.B. On the cyclotron resonance line width of electrons above liquid helium surface 1-30518
- Tataru-Mihal, P. Merons and mass generation in the $\text{O}(3)$ nonlinear σ model 1-4082
- Tatchell, D.G. see Hulme, G. 1-28586
- Tatchell, K. see Van Holde, K.E. 1-8795
- Tatchyn, R., Lindau, I., Kallne, E. Analysis of a new method for determining optical constants in the soft X-ray region 1-15255
- Tatchyn, R.O., Lindau, I. The phase-space optimization and surface derivation of grazing incidence synchrotron radiation mirrors 1-10565
- Tate, A. see Kishashima, K. 1-33975
- Tateda, M., Shibata, N., Seikai, S. Interferometric method for chromatic dispersion measurement in a single-mode optical fiber 1-46565
- Tateda, M. see Shibata, N. 1-41851
- Tateishi, S. see Sakino, H. 1-17636
- Tateishi, T. Expected medical tests and diagnosis 1-4980
- Tatekura, K. see Itoh, K. 1-6679
- Tatemichi, A., Okazaki, A. Constrained viscoelastic layer damping of thin plates with partial coverage - on circular plates vibrating in axisymmetric mode 1-6824
- Tateno, Y. see Takahashi, M. 1-47005
- Tatewaki, H., Huzinaga, S. A systematic preparation of new contracted Gaussian-type orbital sets. III. Second-row atoms from Li through Ne 1-19016
- Tatham, H.L. see Hayes, J.R. 1-52559
- Tatian, B. Aberration balancing criterion for non-diffraction limited lenses 1-46513
- Tatibout, J. see Perez, J. 1-25268
- Tatikonda, L.U. see Tatikonda, R.J. 1-32817
- Tatikonda, R.J., Tatikonda, L.U. Energy management: interdisciplinary curricular design 1-32817
- Tatoyan, V.T. see Agababyan, K. 1-28764
- Tatsch, R.E. see Liburdy, R.P. 1-32319
- Tatsenko, O.M. see Druzhinin, V.V. 1-26041
- Tatsenko, O.M. see Pavlovskii, A.I. 1-33026
- Tatsukawa, T. Bottleneck effect on the ESR linewidth in $\text{Pb}_{1-x}\text{Mn}_x$ Te crystals 1-52832
- Tatsukawa, T. see Inoue, M. 1-52831
- Tatsumi, H. see Miyamoto, T. 1-36078
- Tatsumi, S. see Ushida, N. 1-546
- Tatsumi, T. Renormalization-group transformation for site percolation problem with distant-neighbor interactions 1-18171
- Tatsumi, T., Kida, S. The modified cumulant expansion for isotropic turbulence at large Reynolds numbers 1-24769
- Tatsumoto, M. see Patchett, P.J. 1-27433, 1-44142
- Tatsuno, M. Secondary flow around an oscillating elliptic cylinder 1-33973
- Tatsuno, M. Secondary flow induced by a circular cylinder performing unharmonic oscillations 1-37875
- Tatsuya Miimi see Sung Hae Song 1-47295
- Tatsuzaki, I. see Kasahara, M. 1-48098
- Tatsuzaki, I. see Nakamura, T. 1-12408
- Tatsuzaki, I. see Sakai, A. 1-39078
- Tatsuzaki, I. see Sawafuji, M. 1-26221
- Tatsuzaki, I. see Takeuchi, Y. 1-39047
- Tatsuzaki, I. see Tanaka, H. 1-39031

- Tatsuzaki, I.** see Tokunaga, M. 1-39117, 1-48101
- Tatsuzaki, I.** see Yamanaka, A. 1-52961
- Tatsuzaki, I.** see Yamashita, H. 1-26141
- Tattegrain, A.** see Bailly, J. 1-820
- Taub, A.H.** High-frequency gravitational waves, two-timing, and averaged Lagrangians 1-18111
- Taub, A.I., Spaepen, F.** The kinetics of structural relaxation of a metallic glass 1-21486
- Taub, A.I., Spaepen, F.** Homogeneous flow of amorphous $Pd_{77}Cu_{15}Si_{16}$ 1-26569
- Taube, M., Heer, W., Indrefjord, A.** A molten salt converter reactor with a very low fission product inventory 1-5858
- Tauber, G.E.** see Feldman, Y. 1-44794
- Tauber, K.** see Ali-Khan, I. 1-37002
- Tauber, V.V.** see Gavriluk, A.V. 1-52818
- Taubes, C.H.** see Callias, C. 1-10061
- Taubin, I.L.** see Andrievskii, R.A. 1-31402
- Taubner, F.** see Kuhr, E. 1-20287
- Tauc, J.** see O'Connor, P. 1-43145
- Tauchert, T.R.** Thermoelastic analysis of laminated orthotropic slabs 1-19568
- Tauchert, T.R.** see Wu, C.H. 1-37802
- Tauchi, T.** see Fukushima, M. 1-45770
- Tauchi, T.** see Terada, S. 1-14415
- Taukchy, V.M.** Detection of a point radiation source signal 1-46484
- Taulberg, K.** see Macek, J. 1-46111
- Taulpin, D.** see Bourdon, L. 1-52053
- Taureg, H.** see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Taureg, H.** see Dorfan, J.M. 1-41020
- Taureg, H.** see Himel, T.M. 1-18482
- Taureg, H.** see Scharre, D.L. 1-18485, 1-45292
- Taurel, L., Ghomi, M., Rzepka, E., Chapelle, J.P.** Study of aggregation of F-centers in NaCl by Raman scattering 1-3394
- Taurian, O.E.** A method and a program for the numerical evaluation of the Hilbert transform of a real function 1-5139
- Tauscher, L.** see Backenstoss, G. 1-5685
- Tauscher, L.** see Izzycki, M. 1-1419, 1-1420
- Tauscher, L.** see Schwanner, I. 1-15041
- Taussig, R.T., Powell, J.R.** High temperature blankets and power cycles for high efficiency power conversion 1-6008
- Taussig, R.T., Vaidyanathan, T.S., Hoverson, S., Bruzzone, C., Christiansen, W.** Photocell heat engine solar power systems 1-48853
- Taussig, R.T., Zumdick, J.F., Willenberg, H.J., Vaidyanathan, T.S., Powell, J.R.** Advanced power technology for fusion reactors 1-50942
- Tautz, M.** see Faisler, W. 1-45351
- Tavade, L.F.** Susceptibility of steel 00Kh18N20S3M3D3B to intercrystalline corrosion and corrosion cracking 1-3979
- Tavakolian, H.** see Lowe, V.E. 1-43261
- Tavard, C.** see Cappello, C.D. 1-37330
- Tavard, C.** see Royer, F. 1-30239
- Tavassoli, A.A., Leclou, A.** Migration of carbon and structural evolution of welded heterogeneous joints between 'ferritic' steels 2.25 Cr-Mo and 9.5 Cr-Mo-Nb-V 1-43372
- Tavastsherna, K.S.** see Krat, V.A. 1-36247
- Taverna Valabrega, P.** see Miraldi, E. 1-34229
- Tavernier, M.** see Briand, J.P. 1-23607, 1-24095
- Tavkhelidze, A.N.** see Krasnikov, N.V. 1-18370, 1-36824
- Tavkhelidze, A.N.** see Matveev, V.A. 1-50389
- Tavoularis, S., Corrsin, S.** Experiments in nearly homogeneous turbulent shear flow with a uniform mean temperature gradient. I 1-51760
- Tavoularis, S., Corrsin, S.** Experiments in nearly homogeneous turbulent shear flow with a uniform mean temperature gradient. II. The fine structure 1-51761
- Tavoularis, S.** see Sreenivasan, K.R. 1-11375, 1-37886
- Tavrizova, M.A.** see Lebedeva, E.P. 1-4109
- Tavzas, R.** see Turkey, A. 1-42171
- Tawancy, H.M.** Precipitation of NiMo in a Ni-Mo base alloy 1-12747
- Tawancy, H.M.** Order-strengthening in a nickel-base superalloy (Hastelloy alloy S) 1-16815
- Tawara, H.** see Kaneko, Y. 1-46109
- Tawara, Y.** see Matsuoka, M. 1-22927
- Tawara, Y.** see Murakami, T. 1-27633
- Tawaray, T., Katsumata, K., Yoshizawa, H.** Neutron diffraction experiment on a randomly mixed antiferromagnet with competing spin anisotropies 1-16428
- Tawfik, A., Abou Sekkina, M.M., El-Nimr, M.K., Mettaweh, H.** Oscillographic studies of the dielectric properties of lithium acetyl-acetonate polycrystals 1-48017
- Tawfik, A.** see Abou Sekkina, M.M. 1-47639, 1-47640
- Taya, M.** see Tsu-Wei Chou 1-21501
- Tayal, M.** see Wong, H.H. 1-45681
- Tayal, V.P., Srivastava, B.K., Khandealwal, D.P., Bist, H.D.** Librational modes of crystal water in hydrated solids 1-34429
- Taylor, C.** see Wilkinson, J. 1-4397
- Taylor, R.J.** see Goossens, M. 1-27485
- Taylor, A.D.** Neutron transport from targets to moderators 1-18943
- Taylor, A.H., Stephens, J.A.** Latitudinal displacements of the Gulf Stream (1966 to 1977) and their relation to changes in temperature and zooplankton abundance in the NE Atlantic 1-17612
- Taylor, A.H., Stephens, J.A.** Seasonal and year-to-year variations in surface salinity at the nine North-Atlantic Ocean Weather Stations 1-27201
- Taylor, A.J.** see Detyne, E. 1-11653
- Taylor, A.M.R.** see Edwards, M.J. 1-13222
- Taylor, B.E., Laskar, A.L.** Electrical conductivity of ammonium bromide 1-7606
- Taylor, B.G.** see Manzo, G. 1-23935
- Taylor, B.J.** see Huettner, D.A. 1-21860
- Taylor, B.L., Metcalfe, B., Andrew, G.** Apparatus for the safe exposure of samples to high energy X-rays 1-33085
- Taylor, C.** see Morgan, K. (editor) 1-17956
- Taylor, C.E.** see Houk, R.S. 1-50259
- Taylor, D.** see Dempsey, M.J. 1-42360
- Taylor, D.F., Silverman, M.** Some effects of electrolyte composition and heat treatment on the aqueous crevice corrosion of alloy 600 and type 304 stainless steel at 288°C 1-39509
- Taylor, D.F., Silverman, M.** The effect of hydrogen evolution on acidification in Alloy 600 and 304 stainless steel crevices at 288°C 1-53336
- Taylor, D.M., Noble, I.E.** Electrical conduction in n-octadecane crystals 1-7675
- Taylor, D.M.** see Noble, I.E. 1-7674
- Taylor, D.R.** see Taylor, R.C. 1-52946
- Taylor, D.S., McClurkin, J.L., Berger, J.D.** The T-3 cask handling system at HFEF 1-50876
- Taylor, D.W.** see Schrader, M.E. 1-11983
- Taylor, E.J.** see McBrean, J. 1-48831
- Taylor, F.W., Isacks, B.L., Jouannic, C., Bloom, A.L., Dubois, J.** Coseismic and Quaternary vertical tectonic movements, Santo and Malekula Islands, New Hebrides island arc 1-22286
- Taylor, G.** Looking at the prospects for solar energy in the 80s 1-26817
- Taylor, G., Saka, H.** Helium-cooled straining stage for the AEI EM7 1-394
- Taylor, G.** see Mora-Vargas, M.I. 1-26576
- Taylor, G.** see Wood, M.I. 1-26575
- Taylor, G.C.** see Lilley, E. 1-43193
- Taylor, G.E.** see Millis, R.L. 1-54408
- Taylor, G.J.** see Berkeley, J.L. 1-40437
- Taylor, G.J.** see Lux, G. 1-4835
- Taylor, H.A., Jr.** see Brinton, H.C. 1-36205
- Taylor, H.E., Lichte, F.E.** Chemical composition of Mount St. Helens volcanic ash 1-35964
- Taylor, H.E.** see Pereira, W.E. 1-35965
- Taylor, H.F.** see Miles, R.O. 1-37494
- Taylor, H.F.** see Rashleigh, S.C. 1-37615
- Taylor, H.F.W.** see Lachowski, E.E. 1-3706
- Taylor, H.S.** see Jung, C. 1-46136
- Taylor, J.A.** see Wagner, C.D. 1-5445
- Taylor, J.B.** see Fouda, A.E. 1-13184
- Taylor, J.B.** see Murray, J.J. 1-2655
- Taylor, J.C.** Gauge theories of weak interactions 1-17950
- Taylor, J.C., Waugh, A.B.** Neutron diffraction study of β -uranium pentafluoride between 77 and 403K 1-38348
- Taylor, J.C.** see Bogacz, A. 1-11731
- Taylor, J.D.** see Green, M.A. 1-45793, 1-50181
- Taylor, J.G.** Generalized groups as global or local symmetries 1-28234
- Taylor, J.G.** see Mann, R.B. 1-18132
- Taylor, J.G.** see Moffat, J.W. 1-54367
- Taylor, J.H.** The impact of TMI-2 on regulatory requirements—An industry perspective 1-10502
- Taylor, J.H.** see Laughlin, T.J. 1-8925
- Taylor, J.P.S., Sutherland, W.H., Peistrup, P.E., Diven, J.N., McMullen, R., Highland, J.A.** A structural analysis of a radial row of FFTF fuel assemblies 1-50716
- Taylor, J.R.** see Adams, M.C. 1-19359, 1-29030
- Taylor, J.R.** see Gregg, D.W. 1-8687
- Taylor, J.R.** see Margulis, W. 1-15199
- Taylor, J.R.** see Welford, D. 1-15226
- Taylor, J.W.** see Carlson, T.A. 1-29038
- Taylor, K.N.R., Scarrott, S.M.** The Boomerang Nebula: a highly polarized bipolar 1-9636
- Taylor, K.N.R.** see Chiu, L.B. 1-7946
- Taylor, K.N.R.** see Darby, M.I. 1-25608
- Taylor, K.T.** see Clark, C.W. 1-24080
- Taylor, L.H.** Increased efficiency of CO₂ amplifiers with two band oscillators 1-46292
- Taylor, L.H.** see Bertoluzza, A. 1-43113
- Taylor, L.H.** see Bartsel, W.H. 1-46291
- Taylor, L.S.** Object plane relations in the phase retrieval problem 1-41609
- Taylor, L.T.** see Stucky, G.L. 1-21188
- Taylor, M.G.** see Coghlan, B.A. 1-43929
- Taylor, M.J., Schumacher, E.R.** Measured losses in LiNbO₃ waveguide bends 1-1689
- Taylor, M.J.** see Russell, S.J. 1-21194
- Taylor, M.R., Calvert, J.M., Lees, D.G., Meadowcroft, D.B.** The mechanism of corrosion of Fe-9% Cr alloys in carbon dioxide 1-35432
- Taylor, N., Bartle, K.D., Mills, D., Beard, D.S.** Energy levels in helium and neon atoms by an electron-impact method 1-49901
- Taylor, P., Owen, D.G.** Liquid immiscibility in complex borosilicate glasses 1-30392
- Taylor, P.A.** see Peterson, E.W. 1-49316
- Taylor, P.A.** see Richards, K.J. 1-54149
- Taylor, P.C., Carlos, W.E.** Pulsed NMR studies of hydrogenated amorphous silicon (a-Si:H) 1-52856
- Taylor, P.C., Strom, U., Pontuschka, W.M., Treacy, D.J.** Nuclear quadrupole resonance probes of structural and photostructural properties of glassy As₂Se₃, As₂S₃ and As₂O₃ 1-52862
- Taylor, P.C.** see Jellison, G.E., Jr. 1-21079
- Taylor, P.C.** see Weaire, D. 1-38487
- Taylor, P.L.** see Dvey-Aharon, H. 1-11696
- Taylor, P.L.** see Ono, Y.A. 1-2947
- Taylor, P.M.** see White, D.R. 1-49098
- Taylor, P.N., Moorbatch, S., Goodwin, R., Petrykowski, A.C.** Crustal contamination as an indicator of the extent of early Archaean continental crust: Pb isotopic evidence from the late Archaean gneisses of West Greenland 1-40094
- Taylor, P.N.** see Griffin, W.L. 1-13420
- Taylor, P.O.** see Schnopper, H.W. 1-13687
- Taylor, P.R.** A rapidly convergent IC expansion based on several reference configurations, using optimized correlating orbitals 1-45861
- Taylor, P.R., Vanderloop, J.P.** An investigation into the leaching kinetics of a cobaltite ore with ferric sulfate solutions 1-2644
- Taylor, R.** Construction of apparatus for heat pulse thermal diffusivity measurements from 300-3000K 1-266
- Taylor, R.** The standard deviations of Cremer-Pople ring-puckering coordinates 1-1399
- Taylor, R.** A formula for the calculation of sound level as a function of distance from a large rectangular source 1-15323
- Taylor, R.** An empirical potential for the O-H...O hydrogen bond. I. Comparison with ab initio molecular orbital results 1-41454
- Taylor, R., MacDonald, A.H.** Harmonic phonons and phonon-limited resistivities for Rb and Cs from first-principle pseudopotentials 1-7272
- Taylor, R., MacDonald, A.H., Shukla, R.C.** Identification of phonon anomalies in the low-temperature specific heat of the alkali metals 1-42548
- Taylor, R., Skolnik, L., Capone, B., Ewing, W., Shepherd, F., Roosild, S., Cochran, B., Cantella, M., Klein, J., Kosonovsky, W.** Improved platinum silicide IRCCD focal plane 1-5386
- Taylor, R.** see Caccarelli, C. 1-30129
- Taylor, R.** see Dechara-wardana, M.W.C. 1-7543, 1-42708
- Taylor, R.B.** Simplified methods for the prediction of hurricane surge and wave runup 1-54127
- Taylor, R.C.** Charged walls in amorphous magnetic films 1-7914
- Taylor, R.C., Gangulee, A.** Magnetic properties of the 3d transition metals in the amorphous ternary alloys: Gd_{0.2}(Fe,Co)_{0.8}, Gd_{0.2}(Co,Ni)_{0.8}, and Gd_{0.2}(Fe,Ni)_{0.8} 1-3157
- Taylor, R.C., Larsen, E.M., Taylor, D.R.** Vibrational spectra, assignments and normal coordinate analyses for crystalline zirconium tetrachloride and tetrabromide 1-52946
- Taylor, R.E., Groot, H.** Thermophysical properties of POCO graphite 1-20481
- Taylor, R.E., Ryan, L.M., Tindall, P., Gerstein, B.C.** Protocenic species in H₁₇MoO₃ 1-31040
- Taylor, R.E.** see Cheung, T.T.P. 1-31051
- Taylor, R.E.** see Cullen, W.H. 1-43478
- Taylor, R.G.** Horseman 450 1-23322
- Taylor, R.G.** see Bourke, M.A.M. 1-34333
- Taylor, R.J., Bunshah, R.F., Schwirzke, F.** Impurity control of Tokamaks with in situ metal deposition 1-25075
- Taylor, R.J.** see Schwirzke, F. 1-25000
- Taylor, R.L., Lewis, P.F., Cronin, J.** A mechanism for the photochemical induced combustion of H₂/F₂ mixtures inhibited by O₂ 1-4088
- Taylor, R.L.** see Pinsky, P.M. 1-24708
- Taylor, R.P., Strong, D.F., Bean, B.F.** The Top-sails igneous complex: Silurian-Devonian peralkaline magmatism in western Newfoundland 1-44139
- Taylor, R.S., Alcock, A.J., Leopold, K.E.** Laser-triggered rail-gaps 1-25111
- Taylor, R.S.** see Watanabe, S. 1-46299
- Taylor, R.W.** see Gregg, D.W. 1-8687
- Taylor, S.M., Hall, F.L., Birnie, S.E.** Effect of background levels on community responses to aircraft noise 1-1788
- Taylor, S.M.** see Birnie, S.E. 1-32068
- Taylor, S.M.** see Hall, F.L. 1-13206
- Taylor, S.P.** A century of pseudo isochromatic plates 1-46
- Taylor, S.R., Tokson, M.N., Chaplin, M.C.** Crustal structure of the northeastern United States: contrasts between Grenville and Appalachian Provinces 1-4477
- Taylor, S.R.** see McLennan, S.M. 1-49237
- Taylor, T.R., Vogel, T.A., Wilband, J.T.** The composite dikes at Mount Desert Island, Maine: an example of coexisting acidic and basic magmas 1-27122

- Taylor, V.A. *see* Ramm, A.G. 1-78
- Taylor, W., Paul, G.L. The Raman spectrum of proustite: some new results 1-8074
- Taylor, W.D. *see* Parmer, J.F. 1-48871
- Taylor, W.R. *see* Beckers, J.M. 1-22759
- Tazaka, S., Maeda, Y., Sato, S., Fuchi, K., Hoshino, K., Kuramata, S., Shibuya, H., Niu, K., Niwa, K., Yanagisawa, Y., Kimura, H., Ushida, N., Hopper, V.D., Lim, Y.K. Australia-Japan collaboration balloon experiments by emulsion chambers 1-22654
- Tazawa, T., Tanimura, O. Doubletlike intermediate resonances in $^{16}\text{O}(^{12}\text{C}, ^{12}\text{C})^{16}\text{O}^*$ (3^- , 6.13 MeV) 1-41087
- Tazawa, T. *see* Tanimura, O. 1-10388
- Tazakov, B.A. *see* Anfilov, I.V. 1-40887
- Tazima, T. *see* Yoshioka, K. 1-50753
- Taziev, N.G. On the theory of electron spin resonance in dilute magnetic alloys at low temperatures 1-31012
- Tazuke, Y. Electric and magnetic study of $\text{V}_2\text{Cr}_{1-x}\text{S}_2$ compounds 1-52755
- Tchapoutian, R. *see* Rossat-Mignod, J. 1-47854
- Tcheou, F. *see* Guillot, M. 1-52747
- Tchernia, P. Descriptive regional oceanography 1-9787
- Tchernia, P., Jeannin, P.F. Observations on the Antarctic East Wind Drift using tabular icebergs tracked by satellite Nimbus F (1975-1977) 1-13466
- Tchijkov, V., Khrobostova, T. Automatic measurement of magnetic asymmetry of permanent magnets 1-23280
- Tchijkov, V.I. *see* Paniutin, V.L. 1-12028
- Tchikilev, O. *see* Barth, M. 1-41018, 1-45377
- Tchikilev, O.G. *see* Ajinenko, I.V. 1-592, 1-5667, 1-23525
- Tchikilev, O.G. *see* Chliapnikov, P.V. 1-599
- Tchoubar, C. Determination of order-disorder parameters in some lamellar structures (silicates, carbons) 1-38386
- Tchuistov, K.V. *see* Dyomin, S.A. 1-52775
- Tchuksin, S.M. *see* Zueva, G.Ya. 1-14891
- Tchunikhin, V.F. *see* Ajinenko, I.V. 1-23525
- Tchunikhin, V.F. *see* Chliapnikov, P.V. 1-599
- te Heesen, E. *see* Jung, J. 1-5884
- Te-Chang Chan Analysis of LMFBF intermediate heat transport system sodium neutron activation 1-50969
- Teager, H.M. Some observations on oral air flow during phonation 1-8884
- Teague, C.C. *see* Vesceky, J.F. 1-13478
- Teague, H.J. The joint AEA/CEA/KFK interpretation of the SCARABEE programme 1-819
- Tealdi, S. *see* Fasano, V.A. 1-8959, 1-49090
- Teale, J.L., Lebeck, A.O. An evaluation of the average flow model for surface roughness effects in lubrication 1-43540
- Team, J. Ohmically heated dee-shaped plasmas in Doublet III 1-29891
- Tear, S.P., Welton-Cook, M.R., Prutton, M., Walker, J.A. A LEED study of the InP(110) surface. I. Experiment and preliminary analysis 1-7441
- Tebble, R.S. *see* Bhatti, A.R. 1-30065
- Tebo, A.R. Solar cells. II. The race for future electrical power 1-35649
- Tedder, D.W. *see* Finney, B.C. 1-852
- Tedder, J.M., Vidaud, P.H. Charge-exchange mass spectrometry 1-10869
- Tedesco, E.F., Zappala, V. Rotational properties of asteroids: correlations and selection effects 1-9408
- Tedesco, S. *see* Elias, N. 1-18548, 1-28365
- Tedford, D.J. *see* Somerville, I.C. 1-7029, 1-15743
- Tedner, B. Liquid balance measured with impedance techniques 1-35918
- Tedrow, P.M. *see* Meservey, R. 1-3075, 1-42923
- Tedrow, P.M. *see* Zimmerman, G.O. 1-2744
- Teegarden, K. *see* Kelly, J.H. 1-19399
- Teegarden, K.J. *see* Freese, R.P. 1-37525
- Teer, D.G., Abu Zaid, A.A. Al-Zn coatings for the corrosion protection of steel 1-12834
- Teer, D.G. *see* Matthews, A. 1-16704, 1-31685
- Teer, D.G. *see* Sundquist, H.A. 1-30592
- Teeter, M.C. *see* Hendrickson, W.A. 1-53753
- Teeters, W. *see* Lindgren, R.A. 1-50589
- Teffo, J.L., Henry, A., Cardinet, Ph., Valentin, A. Determination of molecular constants of nitric oxide from (1-0), (2-0), (3-0) bands of the $^{15}\text{N}^{16}\text{O}$ and $^{15}\text{N}^{18}\text{O}$ isotopic species 1-1208
- Tegeback, R. *see* Gradov, O.M. 1-2173
- Tegeler, E., Wiech, G., Faessler, A. X-ray spectroscopic study of the electronic structure of benzene, monofluoro- and monochlorobenzene 1-26310
- Tegen, R. The decay mode $\tau \rightarrow \mu \nu \mu \nu$, and second class currents 1-36893
- Tegen, R. *see* Schreck, F. 1-40948
- Tegenfeldt, J., Feucht, H., Ruschitzka, G., Haebleren, U. ^1H and ^{13}C nuclear magnetic shielding tensors in solid pyromellitic acid dihydrate and malonic acid 1-16489
- Teggers, H. Methane reforming and methanation—a new process for the transport of high temperature heat 1-35562
- Teghil, R. *see* Bencivenni, L. 1-1227
- Teghil, R. *see* Nencivenni, L. 1-1228
- Teh, E.W. *see* Perry, A.E. 1-51745
- Teh, H.C., Ong, G.H., Ng, S.C., Gan, L.M. Light scattering from triton X-100 in water-isopropanol solutions 1-31916
- Teh Li Ching *see* Ching Teh Li
- Teh-Lung Ku *see* Easton, W.H. 1-49285
- Teich, M.C., Diamant, P. Relative refractivity in visual information processing 1-32117
- Teich, M.C. *see* Vannucci, G. 1-51426
- Teichler, H., Seeger, A. One-phonon processes in phonon-assisted tunnelling jumps at low temperatures 1-47276
- Teichman, K.Y. *see* Eckert, E.R.G. 1-33956
- Teichmann, J. On the deterministic and stochastic stability of dissipative magnetohydrodynamic equilibria 1-46818
- Teichmann, T. *see* Abilock, H. 1-39719
- Teichner, R. *see* Alkhozov, I.D. 1-28507
- Teifel, V.G. Optical properties and structure of Saturn's atmosphere 1-49573
- Teii, S. *see* Hobson, R.M. 1-38129
- Teii, S. *see* Ichikawa, Y. 1-11607, 1-38153
- Teii, S. *see* Jen Shih Chang 1-38185
- Teii, S. *see* Maruyama, T. 1-38154
- Teii, S. *see* Ono, S. 1-42253
- Teillot, J.-P. *see* Bos, M. 1-49305
- Teirlnick, D. *see* Marchal, G. 1-25984
- Teisseyre, R. Dislocation density fields and earthquake fracture mechanics 1-49207
- Teisseyre, Y. *see* Allen, N.L. 1-20014
- Teitel, E.I. *see* Nemirovskii, Yu.R. 1-48605
- Teitelbaum, H. *see* Cot, C. 1-27324
- Teitelboim, C. Proper time approach to the quantization of the gravitational field 1-14058
- Teitelboim, C. The Hamiltonian structure of space-time 1-18123
- Teitelboim, C., Villarroel, D., van Weert, C.G. Classical electrodynamics of retarded fields and point particles 1-9850
- Teitell, M.F., Fox, J.L. MO study of flavin-protein interactions in flavodoxin catalysis 1-1112
- Teitgen, R. Laminar-turbulent transition in pipe flow: development and structure of the turbulent slug 1-42018
- Teitsma, A., Sayer, M., Segel, S.L., Nicholson, P.S. Polycrystalline hydronium β/β' -alumina: a ceramic fast proton conductor 1-30456
- Teitsma, A. *see* Egelstaff, P.A. 1-2131, 1-30035
- Teixeira, J. *see* Bosio, L. 1-53014
- Teixeira, J. *see* Stanley, H.E. 1-7065, 1-38241
- Tejedor, C. *see* Guinea, F. 1-12052
- Tejerna, A.F. *see* Ibanez, J.A. 1-35576
- Tejerna, F. *see* Riera, J. 1-17290
- Tejerna-Garcia, A.F. *see* Ibanez-Mengual, J.A. 1-23129
- Tejuga, L. Gonzalez *see* Gonzalez Tejuga, L.
- Tekiel, P. *see* Cizek, M. 1-52703
- Tekiel, P. *see* Kozlowski, G. 1-20931
- Tektunali, H.G. A spectrographic study of the magnetic star iota Coronae Borealis (Ap) 1-13781
- Tekula, M.S. *see* Reilly, D.A. 1-10972
- Telbany, M.M.M.EI *see* El Telbany, M.M.M.
- Telegin, A.A. *see* Dvoryankin, V.F. 1-34570
- Telegin, Yu.N. *see* Gann, A.V. 1-18645
- Telegin, Yu.N. *see* Get'man, V.A. 1-10230
- Telegin, Yu.N. *see* Kuznetsov, V.L. 1-41154
- Telegin, Yu.N. *see* Noga, V.I. 1-28711
- Telegina, I.A. *see* Kulev, V.G. 1-35486
- Telegina, L.S. *see* Dvoryankin, V.F. 1-34570
- Telekli, P.G. *see* McLeish, W. 1-13601
- Telenkov, V.I. *see* Bitshenkov, E.I. 1-33019
- Telpa, V.T. *see* Pashkevich, Yu.G. 1-31002
- Telpenev, A.S. *see* Vindryavskiy, B.A. 1-38613
- Telesco, C.M., Becklin, E.E., Capps, R.W., Tokunaga, A.T. NASA's new infrared eye 1-54371
- Telesco, C.M., Becklin, E.E., Wynn-Williams, C.G. Extended 20 micron emission from the center of NGC 1068 1-22895
- Telensin, R.V. *see* Durasova, Y.P. 1-21013
- Telensin, R.V. *see* Ivanov, L.U. 1-25999
- Telev, R.V. Crystallographic peculiarities of α - γ transformation in iron and steels at continuous heating 1-47034
- Televich, R.V. *see* Gridine, V.N. 1-3731
- Telezhkina, V.A. *see* Bepalova, S.V. 1-35741
- Telezhkina, V.A. *see* Bolonin, O.N. 1-52247
- Telezhkina, V.A. *see* Zaretsk, G.A. 1-34432
- Telezhnikov, S.A. *see* Bezhavzhik, F. 1-41114
- Telfer, D.J. Fibre optics today 1-46570
- Telford, J.W., Chai, S.K. A new aspect of condensation theory 1-4593
- Telford, J.W., Wagner, P.B. The dynamical and liquid water structure of the small cumulus as determined from its environment 1-4597
- Telford, L.E. *see* Altschuler, E.E. 1-921
- Telford, W.M. *see* Soonawala, N.M. 1-22508
- Telgin, A.A. *see* Dvoryankin, V.F. 1-2791
- Telista, S.G., Taptev, Yu.N., Vinogradov, L.M. The influence that the energy-storage capacity of the pneumohydraulic accumulator has on the operation of a fluid drive 1-8756
- Telkovskij, V.G. *see* Begrambekov, L.B. 1-4115
- Telle, H., Telle, U. A simple numerical treatment of the RKR potential integrals and its application to $^{12}\text{C}^{16}\text{O}(X^1\Sigma^+)$ 1-41332
- Telle, U. *see* Telle, H. 1-41332
- Teller, D.Y. *see* Boothe, R.G. 1-4284
- Telleschi, P. *see* Pinto, S. 1-50993
- Tellez, C., Knudsen, R., Sala, O. Vibrational spectra of the trans-trans and trans-cis conformers of dimethyl fumarate 1-10730
- Telgren, R. *see* Fruchart, D. 1-20123
- Tellier, C. The opacification of glazes for sanitary products by titanium dioxide and zinc oxide 1-8446
- Tellier, C.R., Hafid, L., Tosser, A.J. Identification of imperfections contribution to electronic conductivity in monocrystalline metal film 1-7584
- Tellier, C.R., Pichard, C.R., Tosser, A.J. Experimental determination of electronic transport parameters in monocrystalline metallic films 1-47765
- Tellier, C.R., Pichard, C.R., Tosser, A.J., Barua, K.C. Analytical expressions for the longitudinal magnetoresistance of thin polycrystalline films 1-16384
- Tellier, C.R., Tosser, A.J., Hafid, L. Energy dependence of transport parameters derived from correlated variations in the thermoelectric power and temperature coefficient of resistivity of polycrystalline metal films 1-25693
- Tellier, C.R., Tosser, A.J., Hafid, L. Variations in thermoelectric power of thin monocrystalline films with conductivity 1-30841
- Tellier, C.R., Tosser, A.J., Hafid, L. Thermoelectric power due to thickness-dependent scattering in metal films 1-47620
- Tellier, C.R. *see* Pichard, C.R. 1-30844, 1-52666, 1-52667, 1-52669
- Tellier, P. *see* Carpentier, J.-L. 1-7372
- Tellinghuisen, J., Exton, R.J. Quantum simulation of the yellow emission band of CsXe 1-24117
- Tellinghuisen, J., McKeever, M.R., Sur, A. Reanalysis of the D-X fluorescence spectrum of I_2 1-1271
- Tello, M.J., Manes, J.L., Fernandez, J., Arriandaga, M.A., Perez-Mato, J.M. Physical properties and phenomenological theory around the successive high-temperature phase transitions of $\text{C}_2\text{H}_5\text{NH}_2\text{CuCl}_2$ 1-42533
- Tello, M.J. *see* Lopez Echarri, A. 1-38553
- Tello, M.J. *see* Lopez-Echarri, A. 1-31101
- Tello, M.J. *see* Perez-Mato, J.M. 1-52100
- Tello, R., March, R., Lowrie, G. Theory versus practice with residual blood loss in hemodialyzers 1-22167
- Tel'minov, E.N. *see* Tarasenko, V.F. 1-51509
- Telnov, V.I. *see* Abrams, G.S. 1-10242, 1-50450
- Telnov, V.M. *see* Rodionov, Y.A. 1-341
- Telo da Gama, M.M., Evans, R. Theory of the liquid-vapour interface of a binary mixture of Lennard-Jones fluids 1-34551
- Telo da Gama, M.M., Evans, R., Sluckin, T.J. The structure and surface tension of the liquid-vapour interface of a model of a molten salt 1-38628
- Telo Da Gama, M.M. *see* Coppeste, A. 1-25149
- Telotte, J.C. *see* Perry, R.L. 1-39665
- Telschow, K.L. *see* Hansen, G.M. 1-50208
- Temam, R. Mathematical problems in plasticity 1-23015
- Tembe, B.L. *see* Rossky, P.J. 1-8574
- Temerari, M. *see* Mozer, F.S. 1-13626
- Temesvil, T. *see* Kondor, I. 1-217, 1-44853
- Temiraliyev, T. *see* Baatayeva, B.V. 1-600
- Temiraliyev, T. *see* Boos, Y.G. 1-5661
- Temkin, A. *see* Jacobs, V.L. 1-49493
- Temkin, A. *see* Wakid, S. 1-1092
- Temkin, A.Y. *see* Radkowsky, A. 1-5978
- Temmerman, W. *see* Pessa, M. 1-43242
- Temmerman, W.M. *see* Gordon, B. 1-12019
- Temmerman, W.M. *see* Pindor, A.J. 1-25623
- Temmler, G., Eschrich, R. A novel pressure-drop dust meter 1-26868
- Temmyo, J., Inamura, T., Yoshikawa, S. Time domain observation of SAW reflection from a free aluminum metallized interface on LiNbO_3 1-51681
- Temmyo, J., Sakakibara, Y., Komatsu, K., Oda, M., Yoshikawa, S. Performance of 0.4- μm linewidth SAW interdigital transducers fabricated by scanning-electron-beam lithography 1-24641
- Temnyi, V.V. *see* Vaisberg, O.L. 1-9340
- Tempel, A. *see* Fitzl, G. 1-53099
- Tempel, A. *see* Hobler, H.-J. 1-20091, 1-48247
- Tempel, A. *see* Schumann, B. 1-34597
- Tempelman-Kluit, D. Evolution of physiography and drainage in southern Yukon 1-40144
- Tempelman-Kluit, D., Wanless, R.K. Zircon ages for the Pelly gneiss and Klotassin granodiorite in western Yukon 1-44137
- Tempest, P. Capital requirements for energy in the industrialised countries 1-8649
- Tempest, P.A. Preferential orientation and its effect on bulk physical properties of hexagonal polycrystalline materials 1-12755
- Temple, D. Zinc-lead blast furnace—the key developments 1-9757
- Temple, H.E. *see* Kim, K.M. 1-3601
- Temple, J.A.G. Calculations of the reflection and transmission of ultrasound by cracks in steel filled with liquid sodium 1-26709

- Temple, P.A. Examination of laser damage sites of transparent surfaces and films using total internal reflection microscopy 1-37526
- Temple, P.A., Milam, D., Lowdermilk, W.H. CO₂-laser polishing of fused silica surfaces for increased laser damage resistance at 1.06 μ m 1-29315
- Temple, P.A. *see* Donovan, T.M. 1-31219
- Temple, S.M. Shape annealing and power synthesis uncertainties of on-line core protection calculator (CPC) 1-50816
- Temple, W., Beanland, D.G., Bridgwater, A.N. Computation of ion implantation uniformity 1-52165
- Templeton, J.I. *see* Brann, H.N. 1-27227
- Templeton, W.L. Radioactivity in the oceans 1-53720
- Ten, K.A. *see* Lukjantshikov, L.A. 1-34180
- ten Bosch, J.J. *see* Pruim, G.J. 1-17432
- Ten Brink, H.M., Langelaar, J., Rettschnick, R.P.H. Rotational relaxation in the S₁(A₁) state of glyoxal 1-6357
- Tena-Sanguesa, F. *see* Riera, J. 1-17290
- Tench, D. *see* Noufi, R. 1-21735, 1-35542
- Tenchine, D. *see* Amblard, M. 1-5869
- Tendeloo, G. *see* Van den Tendeloo, G.
- Tenenbaum, A. *see* Benettin, G. 1-2306
- Tenenbaum, A. *see* Cicotti, G. 1-46836
- Tenenbaum, J., Smilanski, I., Lavi, S., Levin, L.A., Erez, G. Kinetic investigation of the upper laser levels of the copper vapor laser 1-51456
- Tenenbaum, J., Smilanski, I., Levin, L.A. Investigation of the kinetics of a metal vapor laser by an interferometric method 1-51457
- Tenenbaum, J.M., Barrow, H.G., Bolles, R.C., Fischler, M.A., Wolf, H.C. Map-guided interpretation of remotely-sensed imagery 1-17712
- Tenforde, S.D. *see* Tenforde, T.S. 1-8922
- Tenforde, T.S., Curtis, S.B., Crabtree, K.E., Tenforde, S.D., Schilling, W.A., Howard, J., Lyman, J.T. In vivo cell survival and volume response characteristics of rat rhabdomyosarcoma tumors irradiated in the extended peak region of carbon- and neon-ion beams 1-8922
- Teng, Y.C. *see* Laufer, G. 1-12483
- Teng Ji-wen, Wang Shao-zhou, Yao Zhen-xing, Xu Zhen-wu, Zhu Zhi-wen, Yang Bing-ping, Zhou Wen-hu Characteristics of the geophysical fields and plate tectonics of the Qinghai-Xizang plateau and its neighbouring regions 1-22311
- Teng Ta-Liang *see* Ta-Liang Teng
- Teng Teng *see* Li Yi-gui 1-48720
- Teng Teng *see* Teng Teng
- TenHaken, R.K. *see* Bahman Emami 1-53761
- Tenhover, M. Chemical ordering in Y₆(Fe,Mn)₁₋₃ metallic glasses [Mossbauer study] 1-7985
- Tenishev, A.E. *see* Bratashvskii, A.S. 1-5633
- Tenisheva, T.F. *see* Lazarev, A.N. 1-41520
- Tenland, T. *see* Nilsson, G.E. 1-8952
- Tennakone, K., Ariyasighe, W.M., Ariyaratna, S. Electrical conductivity of cerous ferrocyanide 1-38774
- Tennakum, M. *see* Gorban', I.S. 1-21279
- Tennant, D.C. *see* Nieman, H.F. 1-14717
- Tennant, D.M. *see* Craighand, H.G. 1-17239, 1-47266
- Tennant, W.C. *see* McGavin, D.G. 1-16474
- Tennant, W.E. HgCdTe mosaic arrays for hybrid applications 1-5397
- Tenne, R., Bergmann, E. Nonadditive hard discs, a model for partially localized adsorption 1-2815
- Tenne, R. *see* Mirovsky, Y. 1-43785
- Tennekone, K., Divigalpiya, W.M.R. Chlorophyll sensitized solar photovoltaic cell with cuprous iodide electrode 1-43762
- Tenney, F. *see* Owens, D.K. 1-25073
- Tennyson, J., Murrell, J.N. A study of the variational convergence of the F centre energy levels of LiF 1-47559
- Tennyson, J. *see* Varandas, A.J.C. 1-28898
- Tennyson, R.C. Interaction of cylindrical shell buckling experiments with theory 1-6798
- Tennyson, R.C. *see* Zimcik, D.G. 1-1849
- Tenorio, D. *see* Lopez, B. 1-21753
- Tenorio-Tagle, G. The collision of clouds with a galactic disk 1-54590
- Tentner, A.M., Wider, H.U. The influence of steel vapor pressure on fuel motion in voided LMFBR channels 1-5961
- Tentori, D. *see* Celaya, M. 1-41621
- Tentorio, A., Matijevic, E., Kratochvil, J.P. Preparation of optical properties of spherical colloidal aluminum hydroxide particles containing a dye 1-17115
- Teo, B.K. *see* Chen, H.S. 1-31233
- Teo, T.M. *see* Harris, D.J. 1-36021
- Teodorescu, P.P. Some two-dimensional problems in the theory of elasticity 1-24681
- Teodoro, M.R. *see* Dillig, M. 1-41068
- Teodorovich, E.V. *see* Gorodtsov, V.A. 1-37953
- Teodorovich, O.K., Churakov, M.M., Kostenetskaya, L.I. Solubility of molybdenum in copper-nickel melts 1-39315
- Teodorovich, O.K. *see* Flis, A.A. 1-31615
- Teoule, R. *see* Bonicel, A. 1-4335
- Tepavitcharov, A., Lyutskanov, D., Gospodinov, G. A total solution of the problem of static investigation of a shallow shell with double curvature on a rectangular fundamnt 1-33890
- Tepel, J.W. Nuclear data sheets for A=85 1-22959
- Tepel, J.W. *see* Hofmann, H.M. 1-5767
- Teper, M. *see* Prior, M.J. 1-53524
- Teper, M.J. Instantons and the 1/N expansion 1-5579
- Teper, M.J. *see* Maxwell, C.J. 1-14353
- Tepic, S., Mann, R.W., Harris, W.H. Geometry of the human hip joint 1-17445
- Tepikin, Yu.S. *see* Chernikhova, I.Ya. 1-16820
- Tepikina, I.S. *see* Chernikhova, I.Ya. 1-16820
- Teplick, R., Snider, M.T., Gilbert, J.P. A comparison of continuous and discrete foreign gas dV/dQ distributions 1-26931
- Tepitskii, D.M. *see* Titovets, Yu.F. 1-31783
- Teplitskii, Yu.S. To the theory of unsteady-state methods of determining effective thermal diffusivity of a fluidized bed 1-18739
- Teplitskii, Yu.S. A study of the countercurrent model of mixing particles in a fluidized bed 1-51867
- Teplitz, V.L. *see* Adjei, S.A. 1-45263
- Teplouchov, S.G. *see* Dubinin, S.F. 1-7810
- Teploukhov, S.G. *see* Dubinin, S.F. 1-43335
- Teplov, A.A., Mikheeva, M.N. Parallel critical magnetic fields for superconducting vanadium and technetium films 1-34839
- Teplov, I.B. *see* Belyaeva, T.L. 1-45479
- Teplov, I.B. *see* Zelenskaya, N.S. 1-28420, 1-28488
- Teplov, M.A. *see* Aminov, L.K. 1-12421
- Teplukhin, G.N. *see* Zav'yalov, A.S. 1-8301
- Tepluyakov, D.I. *see* Aparisi, R.R. 1-17151
- Tepliykh, A.E. *see* Men'shikov, A.Z. 1-30913
- Tepper, J. *see* Padikal, T.N. 1-22128
- Teppner, U. *see* Kerhoff, H. 1-6208
- Ter Haar, D. *see* Kono, M. 1-15614
- ter Haar, G. Safety of medical ultrasound 1-4347
- Ter-Minassian, L. *see* Pruzan, P. 1-30431
- Ter-Akopian, G.M. *see* Popko, A.G. 1-23967
- Ter-Akop'yan, G.M. *see* Oganesyan, Yu.Ts. 1-50655
- Ter-Antonyan, S.V. *see* Asatiani, T.L. 1-40294
- Ter-Mikaelyan, M.L. *see* Bagiyani, R.A. 1-3528
- Ter-Minasyants, S.M. Stationary flow past the lower surface of a piecewise planar delta wing with supersonic leading edges 1-19746
- Ter-Pogossian, M.M., Raiche, M.E., Sobel, B.E. Positron-emission tomography 1-32234
- Ter-Pogossian, M.M. *see* Mullani, N.A. 1-43955
- Tera, F. *see* Rajan, R.S. 1-22740
- Terada, A. *see* Ishii, Y. 1-12651
- Terada, H., Sakai, E., Katagiri, M. Environmental gamma-ray exposure rates measured by in-situ Ge(Li) spectrometer 1-1001
- Terada, S. Precise measurement of the differential cross section for the π^+ p elastic scattering around 3 GeV/c 1-14414
- Terada, S., Sumi, Y., Kadota, S., Endo, I., Baba, K., Tauchi, T., Suzuki, S., Shimomura, T., Pak, C.O., Ohashi, Y., Nakaniishi, T., Mori, K., Miyamoto, A., Matsui, T., Kobayakawa, H., Kajikawa, R., Iwata, S., Fukushima, M., Tokuda, N., Takeuchi, Y., Tsuru, T., Amako, K. High-precision measurement of π^+ p elastic scattering in a wide angular range at incident momenta between 2.06 and 3.48 GeV/c 1-14415
- Terada, S. *see* Fukushima, M. 1-45770
- Terai, R. *see* Iwasa, M. 1-47313
- Terai, R. *see* Kinoshita, M. 1-16116
- Teraiishi, K. *see* Shimoda, T. 1-8252
- Terakura, I. Electronic origin of the surface reconstruction of the (001) surface of Cr, Mo and W 1-47343
- Terakura, K. *see* Katayama-Yoshida, H. 1-7556
- Teramoto, I. Visible emission laser diodes 1-46353
- Teranaka, M. *see* Ushida, N. 1-546
- Teranishi, H., McEvily, A.J. On the elevated temperature cyclic strength of alloys 800 and 800 H 1-8413
- Teranishi, T. *see* Kobayashi, K. 1-12364
- Teranishi, T. *see* Terasawa, H. 1-12523
- Terao, K., Kuno, T., Mizuno, M. Heat treatment by ultrasonic heating (ultrasonic quenching) 1-26506
- Teraoka, T. *see* Yokoyama, T. 1-17308
- Terasaki, K. Charmed-meson decays in a pole model 1-23493
- Terasaki, O. *see* Hiraga, K. 1-15834
- Terasawa, H., Kimbara, T., Gondaira, K.I., Teranishi, T., Sato, K. The blue shift of the optical absorption edge in α -MnS 1-12523
- Terasawa, M. *see* Ito, M. 1-45692
- Terasawa, M. *see* Takahashi, H. 1-47121
- Terasawa, T. Numerical study of explosive tearing mode instability in one-component plasmas 1-42174
- Terasawa, T. *see* Itoh, K. 1-45485
- Terasawa, T. *see* Ohta, K. 1-14474
- Terasawa, Y. *see* Saito, T. 1-3635
- Terashima, T. *see* Okada, S. (editor) 1-44717
- Terashima, Y. *see* Ohkubo, K. 1-11576
- Terashita, K., Yamamoto, Y., Tanigawa, M., Miyamoto, K., Yano, T. Presentation of shearing-failure process of powder bed in a direct shear tester with constant vertical load by Roscoe diagram 1-35295
- Terauchi, H., Maeda, H., Kamijo, N. Thermal instability in a plastic crystal 1-34256
- Terauchi, H., Ohga, T., Naono, H. Dehydration in Mg(OH)₂ 1-8567
- Terauchi, H. *see* Kamijo, N. 1-47228
- Terawaki, Y. *see* Hatada, K. 1-24302
- Terazawa, H. Subquark pregeometry with spontaneously broken conformal invariance 1-23465
- Terazawa, H. t-quark mass predicted from a sum rule for lepton and quark masses 1-33149
- Terazawa, H. Equation of motion for leptons and quarks in a dynamical subquark model 1-33155
- Terazawa, H. Algebra of subquark charges 1-45209
- Terazawa, H., Akama, K. Dynamical subquark model of prequark and pregeometric interactions 1-14339
- Terebizh, V.Yu. Luminosity function of Seyfert galaxies 1-36398
- Teregulov, I.G., Sibgatullin, E.S. Determining toroidal shell of revolution strength by the kinematic method 1-24704
- Terekhov, A.D. *see* Grinberg, R.Z. 1-7645
- Terekhov, A.S. *see* Gaisler, V.A. 1-40874
- Terekhov, Yu.V. *see* Burgov, N.A. 1-598
- Terekhova, S.F. *see* Boiko, S.A. 1-21163
- Terekhova, V.A. *see* Shevchenko, A.S. 1-35412
- Terekhova, V.M. *see* Novozhilov, A.I. 1-7935
- Terekhovitch, T.F. *see* Kurbatov, L.N. 1-3022
- Terekhovitch, T.F. *see* Zaitov, F.A. 1-30449
- Terenaka, M. *see* Suzuki, A. 1-23524
- Teren'ko, V.S. *see* Smagin, A.G. 1-22521
- Terent'ev, A.G. *see* Zuznetsov, Yu.V. 1-37870
- Terent'ev, A.I. *see* Arkad'ev, E.N. 1-30765
- Terent'ev, A.P. *see* Kostylev, A.A. 1-15665
- Terent'ev, E.V. *see* Ochuk, A.P. 1-27276
- Terent'ev, M.V. η -meson form factor in quantum chromodynamics 1-41003
- Terent'ev, V.F., Kobzev, V.A., Kainova, G.E. The effect of welding on the cyclic strength of steels 45 and 17KhG2SAFR 1-35494
- Terent'evskii, A.N., Lazukin, V.N. Calculation of EPR spectra of elements of the iron group in crystal lattices. I 1-31021
- Terentiev, I.K. *see* Andreev, P.A. 1-28568
- Terentyev, V.F. *see* Ivanova, V.S. 1-35363
- Teresa, M. *see* Carmen De *see* Carmen De Teresa, M.
- Tereschenko, V.Ia. Method of orthogonal expansions on the domain boundary in three-dimensional problems of the linear theory of elasticity 1-37792
- Tereschenko, V.M. *see* Kharitonov, A.V. 1-13771
- Tereshin, V.I. *see* Pavlichenko, O.S. 1-19966
- Tergenius, L.-E. *see* Crespo, A.J. 1-38347
- Terhardt, E. *see* Zwicker, E. 1-13258
- Terhune, R.W. *see* Eagen, C.F. 1-10770
- Tericher, V.F. *see* Deruyglin, L.N. 1-35012
- Tericher, V.F. *see* Gudzenko, A.I. 1-2793
- Terjung, W.H., O'Rourke, P.A. Simulating the causal elements of urban heat islands 1-13199
- Terkel, A. *see* Kaplan, E. 1-36476
- Terkildsen, K. Hearing impairment and audiograms 1-32217
- Terkildsen, K. *see* Johnsen, N.J. 1-26911
- Terletskii, O.V. *see* Komarov, A.V. 1-31132
- Terlind, G.T. *see* Duerig, T.W. 1-43376
- Terlingen, P.J.A.M. *see* Theunissen, J.J.W. 1-17480
- Ternopolov, A.M. *see* D'yakov, V.E. 1-24950
- Ternov, I.M., Khalilov, V.R., Bagrov, V.G., Nikitin, M.M. Radiation of systems with relativistic electrons 1-29200
- Ternov, I.M., Khapayev, A.M., Volodin, B.A. Resonance effects for an electron moving in the Redmond field 1-51352
- Ternov, I.M. *see* Sokolov, A.A. 1-18054
- Ternovskii, A.P. *see* Gostomel'skii, V.S. 1-25582
- Terpstra, R.E. *see* de Groot, P.J. 1-43870
- Terpugov, E.L. *see* Kryukov, P.G. 1-4248, 1-35752
- Terpugova, A.F. *see* Kruglikov, V.V. 1-24052
- Terrano, A.E. *see* Ellis, R.K. 1-486, 1-50445
- Terrasi, F. *see* Moro, R. 1-8645
- Terreault, B. When are blistering or flaking repetitive? 1-24999
- Terrell, J. *see* Fenimore, E.E. 1-36435
- Terrien, J. New definition of unity light 1-32952
- Terrier, Y. *see* Boudard, A. 1-41117
- Terrier, C. *see* Adam, D. 1-16486
- Terrier, C. *see* Billery, D. 1-12270
- Terrile, R.J. *see* Collins, S.A. 1-22721
- Terrissol, M., Patau, J.P. Complete simulation of electron trajectories in metals in the tens of keV range 1-15931
- Terrissol, M. *see* Chmelevsky, D. 1-43892
- Terrissol, M. *see* Patau, J.P. 1-20285
- Terry, J.L. *see* Finkenthal, M. 1-51987
- Terry, L. Plasticizer for polyimide composites 1-39301
- Terry, P.B. *see* Kaplan, J. 1-17419

- Terry, P.W. The collision operator and long-time behavior of a perturbed two-body problem 1-40325
- Terry, R. see Ho, H. 1-14536
- Terselius, B. see Godde, U.W. 1-48442
- Tersikh, S.A. see Semavina, A.N. 1-3860
- Tertian, L. see Gervais, A. 1-16099
- Tertychniy, S.I. N-type vacuum Einstein spaces 1-36545
- Tertychniy, G.Ya. see Razuvaev, V.N. 1-33247
- Terui, H., Kobayashi, M., Kasai, T. Total reflection optical waveguide switch 1-33831
- Terui, S. see Fukukita, H. 1-53882
- Terukov, E.I., Gei, V., Eichler, A., Eschner, U. Metal-dielectric phase transition in VO_2 and crystal structure 1-30794
- Terukov, E.I., Ovchinnikov, S.G., Zyuzin, A.Yu., Gerlach, U., Opperman, H., Reichelt, W. Effect of hydrostatic pressure on the metal-insulator phase transition in $\text{V}_{1-x}\text{Me}_x\text{O}_2$ single crystals 1-25635
- Terukov, E.I. see Gur'yanov, A.A. 1-43089
- Terukov, E.I. see Kaminskiy, V.V. 1-25762
- Terumichi, Y. see Cho, T. 1-34096
- Terumichi, Y. see Nakamura, M. 1-38089
- Terumichi, Y. see Ohkubo, K. 1-46902
- Terunuma, Y. see Miya, T. 1-41846
- Terunuma, Y. see Shibata, S. 1-16751
- Terwilliger, K.M. see Crabb, D.G. 1-14413
- Terwilliger, K.M. see Crosbie, E.A. 1-45340
- Terzi, V.F. see Kondrat'ev, K.Ya. 1-22708, 1-27406
- Terzian, Y. Planetary nebulae 1-4968
- Terzian, Y. see Payne, H.E. 1-9615
- Terzian, Y. see Zuckerman, B. 1-44537
- Terzic, I. see Mosunov, A.S. 1-53036
- Terziff, P. The magnetism of the NiAs-type solid solution Fe-Fe-Te 1-52776
- Terziev, L., Spasov, A. Electron-microscopic examination of aluminium-zinc alloys ageing, under pressure 1-35287
- Terziiska, O.K. see Rachev, L.B. 1-4385
- Teschau, P.E. see Bourne, J.R. 1-22147
- Teschke, O. Effect of carriers on the non-equilibrium optical properties of semiconductors 1-7628
- Teschler, L. Broadcasting by light beam: digital control with infrared light 1-33627
- Tesei, A. see De Mottoni, P. 1-50749
- Tesevich, B.I. see Borisoglebskiy, L.A. 1-45462
- Tesh, Z. see Komarov, V.I. 1-36939
- Teshima, K. see Kusunoki, I. 1-27938
- Teshima, K. see Takahashi, N. 1-6406
- Teshima, R. see Gortel, Z.W. 1-38651
- Teshukov, V.M. Discontinuity of an arbitrary discontinuity on a curvilinear surface 1-51798
- Tesi, M. see Brenci, M. 1-1707
- Teske, M. see Kohler, M. 1-10590
- Teske, R.G., Mayfield, E.G. The distribution of maximum temperatures of coronal active region loops 1-40444
- Teslenko, V.A. see Tsidelko, V.D. 1-18211
- Tessari, O.J. see Sinclair, A.J. 1-35953
- Tessarotto, M. Linear-stability criteria for drift and curvature-driven modes 1-2178
- Tessarotto, M. see D'Ambrogio, E. 1-38064
- Tessier, J.H. see Sanathanan, C.K. 1-41219
- Tessler, G. see Schick, W.C., Jr. 1-43636
- Tessmar, H. see Sodomka, L. 1-46642
- Tessmer, R.G., Jr. see Lukachinski, J. 1-35631
- Testa, M. see Rossi, G.C. 1-36799
- Tetardi, L.R. see Nakahara, S. 1-12662
- Teste de Sagey, G. see Antic-Fidancev, E. 1-26226
- Testemale, E., Palau, J.M., Pouvil, P., Lassabaterre, L., Legoas, J.M. On the contribution of surface treatment to the electronic properties of real n-type silicon (100) surfaces 1-7701
- Tetel'baum, D.I. see Morozov, N.P. 1-20278
- Tetel'baum, D.I. see Pavlov, P.V. 1-25313
- Tetel'baum, D.I. see Zorin, E.I. 1-26395
- Tetelman, A.S. see Roman, I. 1-48462
- Tetenov, E.V. see Nikiforovskii, V.S. 1-24745
- Teterin, E.D., Gridinev, K.A., Lebedev, V.M., Nemilov, Yu.A., Semenov, V.M., Spasskiy, A.V. (d,g) reaction on ^{32}S and ^{34}S isotopes 1-18626
- Teterin, G.E. see Deryugin, I.A. 1-6643
- Teterin, T.I. see Palamarchuk, V.K. 1-40234
- Teteris, Ya.G., Skuin, G.Ya. Spectral sensitivity of thin As_2Se_3 films 1-48183
- Teterskii, V.A. see Gudim, L.I. 1-31157, 1-53247
- Tetervov, A.P. Nonlinear interaction of surface waves in media with spatially separated flows 1-3001
- Tetley, N., McDougall, I., Heydegger, H.R. Thermal neutron interferences in the $^{40}\text{Ar}/^{39}\text{Ar}$ dating technique 1-44321
- Tetu, M. see Lesage, P. 1-19311, 1-37448
- Teuber, D.L. see Vessot, R.F.C. 1-27855
- Teubner, W. see Fromm, B. 1-2986
- Teubner, W. see Petrova, W. 1-26293
- Teubner, W. see Stotzel, H. 1-34713
- Teuchert, D. see Barber, D.P. 1-534, 1-28309
- Teuchert, E., Hansen, U., Haas, K.A. VSOP—Computer code system for reactor physics and fuel cycle simulation 1-33340
- Teuchner, K. see Dahne, S. 1-31930
- Teufel, L.W. Precursive pore pressure changes associated with premonitory slip during stick-slip sliding 1-32383
- Teulet see Soulie, G. 1-40310
- Teunissen, H.W. Structure of mean winds and turbulence in the planetary boundary layer over rural terrain 1-27223
- Teunissen, J.C.G. see Brehm, R. 1-33840
- Teupser, Ch. see Hurlig, E. 1-40199
- Tevezadze, Yu.V. see Abdrhamanov, E.O. 1-722
- Tewari, D.P. see Kumar, S. 1-2187
- Tewari, P.H., Campbell, A.B. The role of uranium(VI) in the $\text{ThO}_2\text{-UO}_3$ sol-gel process 1-28682
- Tewari, R.K. see Jain, A.K. 1-35574
- Tewari, S., Singru, R.M. Band structure of palladium hydride by the augmented-plane-wave method 1-38717
- Tewari, S.N. Growth crystallography of directionally solidified Fe-Ni eutectic alloy 1-35248
- Tewari, S.N., Sriramamurthy, A.M. Dendrite spacing in a directionally solidified superalloy 1-53169
- Tewari, S.P., Swaminathan, K. Effect of collective oscillations on low-energy thermal-neutron scattering and transport in liquid hydrogen 1-7071
- Tewari, S.P. see Bansal, R.M. 1-748
- Tewari, S.P. see Swaminathan, K. 1-34448
- Tewary, V.K. see Agarwala, A. 1-8722, 1-8725
- Tewordt, L. see Schöphol, N. 1-30510
- Teworte, R. see Bonse, U. 1-7044
- Tews, H. Zeeman study of donor-acceptor pairs in ZnTe 1-39151
- Tews, H. Zeeman splitting of ground and excited impurity states in ZnTe 1-47595
- Texler, R.E. see Seidel, H.F. 1-36753
- Textor, W. Application of the maximum algorithm to the Lipkin model 1-9858
- Teyler, T.J. see Farrell, D.E. 1-4303
- Teyssou, M. see Loth, D. 1-32130
- Teze, A. see Robert, F. 1-42344
- Tezher, S. see Selivanov, V.M. 1-36995
- Tezevan, V.E. see Lyalikova, R.Yu. 1-25280
- Tezevan, V.E. see Merkulov, A.I. 1-2967, 1-20851
- Tezevan, V.E. see Tsurkan, V.V. 1-20785
- Tezuka, H. Instability in relativistic nuclear matter 1-23583
- Tezuka, H. see Kohnmura, T. 1-5724
- Tfibel, F. see Lindqvist, L. 1-32088
- Tha Kim Nguyen see Nguyen Tha Kim
- Thacker, G.R. see Uecker, H. 1-26338
- Thacker, H.B. see Kwong, W. 1-22967
- Thacker, H.B. see Schonfeld, J.F. 1-490
- Thacker, J., Cox, R., Goodhead, D.T. Do carbon ultrashort X-rays induce exchange aberrations in cultured mammalian cells? 1-22073
- Thacker, J. see Virsik, R.P. 1-32199
- Thackston, M.G., Eisele, F.L., Pope, W.M., Ellis, H.W., McDaniel, E.W., Gatland, I.R. Mobility of Cl^- ions in Xe gas and the Cl^- -Xe interaction potential 1-2137
- Thaddeus, P. see Blitz, L. 1-22856
- Thaddeus, P. see Myers, P.C. 1-32731
- Thai, C. Minh see Minh Thai, C.
- Thai Le Thang see Nguyen Ba An 1-52501
- Thakkar, A.J., Simas, A.M., Smith, V.H., Jr. Extraction of momentum expectation values from Compton profiles 1-33430
- Thakkar, A.J., Smith, V.H., Jr. Statistical electron correlation coefficients for the five lowest states of the heliumlike ions 1-45817
- Thakkar, A.J. see Kaijser, P. 1-33512
- Thakkar, B.S., Broutman, L.J., Kalpakjian, S. Impact strength of polymers. II. The effect of cold working and residual stress in polycarbonates 1-48370
- Thakkar, J. see Kerlin, T.W. 1-28573
- Thakor, N.V., Webster, J.G., Tompkins, W.J. Optimal QRS filter 1-32285
- Thakore, N.C., Rockett, T.J. Calcium aluminosilicate glass corrosion by phosphoric acid 1-53308
- Thakur, D.S. see Shirkot, K.S. 1-2076
- Thakur, J. Quark model and off-shell form-factors of nucleons 1-10211
- Thakur, M.L., Singh, S.P. On the origin of Seebeck EMF 1-47616
- Thakur, R.K., Sood, R.K. Nebulosity around QSOs 1-22919
- Thakur, S.C., Brown, L.F., Haller, G.L. Gas-adsorbate collisional effects and surface diffusion in porous materials 1-2069
- Thakur, S.N. see Pandey, V.N. 1-14912
- Thaler, J.J. see Chiang, I.-H. 1-45353
- Thaler, R.M. see Picklesimer, A. 1-36931
- Thaler, R.M. see Ray, L. 1-5783
- Thaler, R.M. see Tandy, P.C. 1-18612
- Thaller, B. see Geszties, F. 1-44777
- Thaller, L.H., Nice, A.W. Fluid battery promises economical storage 1-53694
- Thaller, L.H. see Reid, M.A. 1-53594
- Thalme, B. see Skogberg, P. 1-4375
- Thalmeier, P., Falicov, L.M. Broken-symmetry states in solids with multiple bands 1-12252
- Thalmeier, P., Falicov, L.M. Model calculation of oscillatory magnetic breakdown in metals with multiply degenerate bands 1-52468
- Tham, R., Schneider, E., Stipl, A.J. Metallographic investigations on phase transitions in impact loaded steels 1-39334
- Tham Tran Khien see Tran Khien Tham
- Thamanna, T.J., Lochr, T.M. Raman spectra and normal coordinate analysis of the copper(II) and copper(III) complexes of biuret and oxamide 1-12444
- Thambynayagam, R.K.M., Winter, P., Branch, S.J. Film penetration model for mass and heat transfer with high fluxes 1-24784
- Thamer, B.J., Macbeth, P.J., Rich, D.C. The ultimate disposal of ^{85}Kr 1-850
- Thames, H.D., Jr. see Lu, C.C. 1-22077
- Thamke, B. see Sorge, G. 1-26142
- Thamrin, M. see Da Silva Carvalho, H. 1-32415
- Than, D. Vo see Vo Than, D.
- Than, E., Marx, G., Leonhardt, G. ESCA investigations of hard coatings produced by deposition in the CVD process 1-21831
- Thang, N.T., Davis, M.R. Pressure distribution in bubbly flow through venturis 1-51854
- Thang Nguyen Toan see Nguyen Toan Thang
- Thang Thai Le see Thai Le Thang
- Thang Vo Kim see Vo Kim Thang
- Thanh, L.C. Negative corona in a multiple interacting point-to-plane gap in air 1-20017
- Thanh, V., Burov, J., Ivanov, D. Acousto-optic method for measuring sound velocity in solids 1-1785
- Thanh Van, J. Tram see Tram Thanh Van, J.
- Thansomkul, S. see Laohavanich, S. 1-30164
- Thansandote, A. see Bahl, L.J. 1-4354
- Thanyasiri, T. see Schreiber, H.D. 1-40096
- Thapar, R. see Rajeshwar, K. 1-40117
- Tharp, T.M. Material models applied to Pacific trench flexure 1-32431
- Thatcher, W., Matsuda, T., Kato, T., Rundle, J.B. Lithospheric loading by the 1896 Riku-u earthquake, northern Japan: implications for plate flexure and asthenospheric rheology 1-27140
- Thatcher, W. see Dunbar, W.S. 1-54000
- Thayer, A.B. see Gajda, J.J. 1-26641
- Thayer, R.B. see Lueck, D.E. 1-32081
- Thayer, W.J., III, Buonadonna, V.R., Sherman, W.D. Pressure wave suppression for a pulsed chemical laser 1-1554
- The, P.S., Tjin A Dije, H.R.E., Kudritzki, R.P., Wessels, P.R. Studies of the Carina Nebula. III. The spectral energy distribution of the very hot and massive star, HD 93250 1-27493
- The, P.S. see Van Der Hucht, K.A. 1-49687
- Thebaud, L.R. see Lubard, S.C. 1-13600
- Theberge, S., Thomas, A.W., Miller, G.A. Pionic corrections to the MIT bag model: the (3,3) resonance 1-33161
- Theby, E.A. see Madson, J.M. 1-15547
- Theelen, H.M.J. see Janssen, A.G.M. 1-4366
- Theeten, J.B. see Gourrier, S. 1-48551
- Theimer, O., Lubowich, D.A., Hays, J.T. Effects of polarization forces between excited atomic states and point charges on the ionization equilibrium in plasmas 1-46850
- Thein, M., Ballestra, S., Yamato, A., Fukai, R. Delivery of transuranic elements by rain to the Mediterranean Sea 1-22363
- Theis, D., Huber, H. Production and properties of thin-film electro-luminescent layers 1-26277
- Theis, T.N. Plasmons in inversion layers [Far infrared probe] 1-12507
- Theis, T.N. see Kirtley, J.R. 1-7757, 1-46478
- Theis, T.N. see Tsang, J.C. 1-3413
- Theis, W.M. see Bajaj, K.K. 1-47487
- Theisen, A.F. see McFarlane, J.C. 1-13219
- Theisen, L.V. see Mateja, J.F. 1-33268
- Thellier, E. The direction of the Earth's magnetic field, in France, during the last two thousand years 1-49202
- Thellung, A. Two-fluid equations for phonons without momentum 1-2726
- Thellung, A. Two-fluid equations for phonons with and without momentum 1-16125
- Thenard, J.M. see Alkoffe, O.C. 1-45773
- Thenard, J.M. see Aubert, J.J. 1-5630
- Theobald, F., Omrani, H. Structure of potassium tetrachloroaurate (III) dihydrate 1-30153
- Theobald, F. see Tachez, M. 1-30144
- Theobald, G., Planat, M. Nonlinear phenomena in high power elastic devices 1-24569
- Theobald, G. see Planat, M. 1-7265, 1-20537
- Theobald, J.-G. see Labrune, J.-C. 1-51268
- Theocaris, P.S., Ioakimidis, N.I. Mode I stress intensity factors at corner points in plane elastic media 1-37798
- Theocaris, P.S., Miliotis, J. Crack-arrest at a bimaterial interface 1-35346
- Theocaris, P.S., Papadopoulos, G.A. Elastodynamic forms of caustics for running cracks under constant velocity 1-37842
- Theocaris, P.S., Prassianakis, J. Stress intensity factors in elastic plates with re-entrant corners asymmetrically loaded 1-41947
- Theocaris, P.S. see Panayotounakos, D.E. 1-6758, 1-41950
- Theocharopoulos, P. see Barth, M. 1-45377
- Theocharous, E.S. see Grattan, K.T.V. 1-19061

- Theodorakopoulos, N.** Dynamics of the Sine-Gordon chain: the kink-phonon interaction, soliton diffusion and dynamical correlations 1-5229
- Theodorakopoulos, N., Klein, R.** Phonon fluctuations and soliton diffusion in nonlinear Hamiltonian systems 1-7541
- Theodoridis, G.C., Charlton, J.D., Nowack, W.J., Johnson, R.N.** Analysis of epileptic activity in a system of interconnected neurons: a biological criticality theory 1-32104
- Theodorou, D.E., Quisser, H.J.** Illumination-dose dependence of persistent photoconductivity of n-GaAs epitaxial layers 1-3003
- Theodosiou, C.E.** Excitation of atomic hydrogen by protons and helium ions 1-24219
- Theofanous, T.G.** *see* Patel, P.D. 1-51860
- Theokas, A.C.** *see* Canto, J. 1-27594
- Theolier, M.** *see* Fougères, R. 1-12845
- Theophilus, G.D.** *see* Laghari, J.R. 1-19997
- Theriot, D.** *see* Barish, B. 1-10192
- Thiemann, A.** Ferromagnetic and spin-glass behavior in the random hierarchical model 1-25967
- Theunissen, J.J.W., Terlingen, P.J.A.M.** Cephalometry in orthodontic practice 1-17480
- Thevenard, P.** *see* Guermazi, M. 1-7217
- Thevenia, J.** *see* Egelboen, I. 1-21869
- Thewalt, M.L.W.** High frequency modulation spectroscopy of bound multiexciton complexes 1-48142
- Thewalt, M.L.W.** *see* Lipari, N.O. 1-47533
- Theye, M.L.** *see* Nguyen Van, V. 1-31213
- Theye, M.-L., Gheorghiu, A., Launois, H.** Investigation of disorder effects in amorphous GaAs and GaP by EXAFS 1-35118
- Theye, M.-L., Gheorghiu, A., Rappeneau, T., Lewis, A.** Transport properties of evaporated versus sputtered amorphous germanium films 1-12108
- Theysohn, H., Brunk, W., Kellner, H.** A new method for the automatic on-line, cable free analysis of human gall 1-49086
- Thi Hong Nguyen** *see* Nguyen Thi Hong
- Thibaud, J.P.** *see* Bastin, G. 1-604
- Thibaud, J.P.** *see* Simon, R.S. 1-23549
- Thibault, C.** *see* Liberman, S. 1-19057
- Thibaut, E., Boutique, J.-P., Verbiest, J., Noel, H., Levet, J.C.** Experimental study of the electronic structure of uranium halides and oxyhalides by X-ray photoelectron spectroscopy 1-48228
- Thibeau, M.** Rayleigh and Raman depolarized light scattering by isotropic molecules 1-37216
- Thibeau, M., Dumon, B., Chave, A., Sergiescu, V.** A dynamical Onsager model approach of field fluctuations and light scattering in a gas of isotropic molecules 1-51906
- Thibeau, M.** *see* Chassagnon, R. 1-46845
- Thibeau, R.J., Brown, C.W., Goldfarb, A.Z., Heidersbach, R.H.** Raman and infrared spectroscopy of aqueous corrosion films on lead in 0.1M chloride solutions 1-8146
- Thibeau, R.J., Brown, C.W., Goldfarb, A.Z., Heidersbach, R.H.** Raman and infrared spectroscopy of aqueous corrosion films on lead in 0.1M sulfate solutions 1-21187
- Thibodeau, W.E.** *see* Hulme, J.M. 1-29159
- Thibos, L.N.** *see* Levick, W.R. 1-13237
- Thickpenny, J.** *see* Whitworth, I. 1-17012
- Thiebaut, C., Delahaigie, A., Courtois, D., Jouve, P.** Design of a low pressure CW carbon dioxide laser 1-37505
- Thiebaut, C.** *see* Delahaigie, A. 1-37545
- Thieberger, P.** *see* Kreiner, A.J. 1-45407
- Thiede, J.** Reworking in Upper Mesozoic and Cenozoic central Pacific deep-sea sediments 1-49256
- Thieffine, F.** *see* Hadjisavvas, N. 1-18058
- Thiel, G., Andersen, J.** Broadband matching of ultrasonic transducers to produce maximally flat delay 1-11283
- Thiel, H.G., Wagner, J.** Physical mechanisms affecting the transient response of SF₆ and air blast arcs 1-15692
- Thiel, H.G.** *see* Bonin, E.V. 1-34153
- Thiel, J., Decreau, P.M.E.** Excitation of the plasma and lower oblique resonances in a Maxwellian magnetoplasma of weak density 1-19896
- Thiel, K.P.** *see* Briska, M. 1-7199
- Thiel, M.** *see* van Thiel, M.
- Thiel, P.A., Weinberg, W.H.** Adsorbate symmetry and vibrational structure of NO and H₂ co-adsorbed on the Ru(001) surface 1-30550
- Thiel, R.** *see* Prinz, N. 1-8514
- Thiel, T.A.** *see* Netz, G. 1-14458
- Thiele, E., Stone, J., Goodman, M.F.** On the use of geometric or arithmetic mean frequency in quantum RRR theory 1-29056
- Thiele, E.** *see* Stone, J. 1-1292
- Thielemann, W., Neumann, H.** Photoacoustic determination of the internal quantum efficiency of Schottky diodes 1-20802
- Thielheim, K.O.** Does each spiral galaxy house a slowly growing elliptical one? 1-36392
- Thielheim, K.O., Wolff, H.** Stellar solutions for a disc galaxy with a time-increasing bar distortion 1-32761
- Thielheim, K.O.** *see* Fuchs, B. 1-32730
- Thielmann, U., Krutein, J., Barat, M.** Collision spectroscopy of open-shell systems. H⁺-Ne collisions 1-10813
- Thielsch, R.** *see* Fehrmann, U. 1-20525
- Thielgent, A., Leclert, G.** Increase of the plasma electron density in a discharge with properly shaped cathodes 1-19865
- Thiem, H.** *see* Klenke, M. 1-54155
- Thiemann, H.** *see* Singh, N. 1-22607
- Thieme, W., Fill, E.** Hyperfine relaxation in the iodine photodissociation laser 1-51465
- Thien Binh Vu** *see* Vu Thien Binh
- Thieret, T.E., McNally, J., Kraft, K., Sonnenfroh, D., Kreilich, R.W.** Correction of lineshape distortions from pulsed NMR experiments with lock-in amplifier on boxcar integrator detection 1-14144
- Thierolf, H.** Electrical heat pumps—future opportunities for electrical contractors 1-17228
- Thierry, J.C.** *see* Moras, D. 1-32092
- Thiery-Mieg, J.** Geometrical reinterpretation of Faddeev-Popov ghost particles and BRs transformations 1-28168
- Thiery-Mieg, J.** *see* Ne'eman, Y. 1-5457, 1-23090
- Thiery, M.M.** *see* Kobashi, K. 1-39106
- Thies, H.H., Dylewski, N., Sherlock, S.L., Siddiqui, S.A.** Measurement of photonuclear cross-sections with quasi-monochromatic photons using bremsstrahlung 1-23638
- Thies, M.** *see* Horikawa, Y. 1-10326
- Thies, R.** *see* Drube, W. 1-48221
- Thiessen, H.A.** *see* Morris, C.L. 1-723
- Thijssen, J.M.** *see* Essink, H.P.M. 1-32325
- Thijssen, J.M.** *see* Van Kervel, S.J.H. 1-51675
- Thijssen, W.J.G.** *see* van der Kam, P.M.A. 1-29080
- Thillard, M.J.** *see* Graf, B. 1-17475
- Thione, L.** The dielectric strength of large air insulation 1-52019
- Thirring, W.** A lower bound with the best possible constant for Coulomb Hamiltonians 1-51114
- Thirriot, C.** Rainwater infiltration and runoff 1-49298
- Thirumalai, R.V.** *see* Kleinrahm, A. 1-10318
- Thirumalai, D., Onda, K., Truhlar, D.G.** Excitation of the asymmetric stretch mode of CO₂ by electron impact 1-10852
- Thirumalai, D., Onda, K., Truhlar, D.G.** Elastic scattering and rotational excitation of a polyatomic molecule by electron impact: acetylene 1-37117
- Thirumalai, D., Onda, K., Truhlar, D.G.** Excitation of the asymmetric stretch of CO₂ by electron impact 1-37340
- Thirunamachandran, T.** *see* Power, E.A. 1-14033, 1-24378
- Thirup, G., Frydjaer, S.** A 0.5 μs time resolving superhetrodyne ESR spectrometer 1-309
- Thiry, H.** Behaviour of AgBr, AgBr-AgCl and AgCl emulsions after drying at 60°C and 85% RH 1-26772
- Thiry, P.** *see* Houzay, F. 1-8196
- Thiry, P.** *see* Mamy, R. 1-38700
- Thiry, P.** *see* Petroff, Y. 1-31300
- Thiry, P.S.** *see* Allard, P. 1-44049
- Thiry, P.S.** *see* Drouin, G. 1-22165
- Thoi, D.B.** *see* Tran Thoi, D.B.
- Thode, H.G.** Sulphur isotope ratios in late and Early Precambrian sediments and their implications regarding early environments and early life 1-9137
- Thode, L.E.** *see* Jones, M.E. 1-10563
- Thoe, R.** *see* Breinig, M. 1-29113
- Thoe, R.S.** *see* Elston, S.B. 1-37347
- Thoe, R.S.** *see* Laubert, R. 1-47124
- Thoe, R.S.** *see* Overbury, S.H. 1-26331
- Thoen, J.** *see* Bloemen, E. 1-25448
- Thol, K.** *see* Haake, F. 1-25861
- Thole, B.T., van Duijnen, P.T.** On the quantum mechanical treatment of solvent effects 1-14832
- Tholen, D.J.** The unusual asteroid 216 Kleopatra 1-27416
- Tholence, J.L.** *see* Ravot, D. 1-12285
- Thom, A., Thom, A.S.** A new study of all Megalithic lunar lines 1-44449
- Thom, A., Thom, A.S.** Astronomical foresights used by Megalithic Man 1-44450
- Thom, A.S.** *see* Thom, A. 1-44449, 1-44450
- Thoma, P.** Absolute calorimetric determination of dielectric loss factors at ω=10⁴ s⁻¹ and 4.2K and application to the measurement of loss factors of standard capacitors at room temperature 1-36681
- Thoma, R.E.** *see* Dougherty, T.J. 1-35871
- Thomann, H.** *see* Frei, D. 1-19846
- Thomann, H.** *see* Mailer, C. 1-44059
- Thomann, P., Burnett, K., Cooper, J.** Observation of dynamic correlations in collisional redistribution and depolarization of light 1-6200
- Thomas, A.** Boundary lubrication of steel by various oils of low vapour pressure 1-48532
- Thomas, A.B.** Determination of away-from-reactor storage requirements 1-18837
- Thomas, A.S.W.** Some observations of the structure of the turbulent boundary layer 1-1947
- Thomas, A.W.** *see* Barnett, B.M. 1-23557
- Thomas, A.W.** *see* Theberge, S. 1-33161
- Thomas, B.** A quantitative assessment of the change in magnetic properties of Co-Fe-V alloy when subjected to flux and stress conditions similar to those encountered in an aircraft generator 1-12376
- Thomas, B.** *see* Jokipii, J.R. 1-54333
- Thomas, B.J.** *see* Speed, M.A. 1-8976
- Thomas, B.T., Smith, E.J.** The Parker spiral configuration of the interplanetary magnetic field between 1 and 8.5 AU 1-40421
- Thomas, B.W.** *see* Speed, M.A. 1-8976
- Thomas, C.B.** *see* Gallego, J.M. 1-36703
- Thomas, C.B.** *see* Reehal, H.S. 1-43262
- Thomas, C.E.** *see* Milora, S.L. 1-33346
- Thomas, C.W.** *see* Doslak, M.J. 1-43872
- Thomas, D., Kozar, J., III, Law, J.** A fingertip shield for safe and effective disinfection of a radiopharmaceutical vial 1-49131
- Thomas, D.** *see* Abraham, F. 1-30180, 1-52119
- Thomas, D.** *see* Conflant, P. 1-38352
- Thomas, D.D., Cooke, R.** Orientation of spin-labeled myosin heads in glycerinated muscle fibers 1-26873
- Thomas, D.D., Ishiwata, S., Seidel, J.C., Gergely, J.** Submillisecond rotational dynamics of spin-labeled myosin heads in myofibrils 1-26872
- Thomas, D.E.** Mirror images 1-46255
- Thomas, D.F.** *see* Bertie, J.E. 1-39075
- Thomas, D.J., Lewis, V.E.** Standardization of neutron films produced by the ³H(d,n)⁴He reaction 1-28484
- Thomas, D.M.** *see* Cox, M.E. 1-17591
- Thomas, E.** *see* Hoyer, W. 1-11638, 1-30047
- Thomas, E.L.** *see* Roche, E.J. 1-2347
- Thomas, E.L.** *see* Sherman, E. 1-38212
- Thomas, E.W., Young, R., Harris, J.E.** Small angle scattering of hydrogen from surfaces 1-26330
- Thomas, E.W.** *see* Harris, J.E. 1-16640
- Thomas, E.W.** *see* Legg, K.O. 1-3553
- Thomas, F.** *see* Deaver *see* Deaver Thomas, F.
- Thomas, G.** Effect of boundary conditions on accuracy of beam theory 1-69
- Thomas, G., Westmacott, K.H.** The role of environmental conditions on in-situ experiments in the high voltage electron microscope 1-2515
- Thomas, G.** *see* Jory, H. 1-42188
- Thomas, G.** *see* Rabenberg, L. 1-12339
- Thomas, G.A.** Basic physical concepts of low dimensional solids 1-42757
- Thomas, G.A., Capizzi, M., DeRosa, F.** Optical measurements of the approach of the Anderson transition 1-48127
- Thomas, G.A.** *see* Andres, K. 1-16408
- Thomas, G.A.** *see* Rosenbaum, T.F. 1-2975, 1-30793, 1-42832
- Thomas, G.E.** Self-supporting boron films 1-25591
- Thomas, G.E.** An anomalous low-latitude phenomenon observed by theOGO 6 UV photometer between 400 and 800 km 1-40245
- Thomas, G.E.** *see* Kuiper, A.E.T. 1-12659
- Thomas, G.F., Mulder, F., Meath, W.J.** Isotropic C₆, C₈ and C₁₀ interaction coefficients for CH₄, C₂H₆, C₃H₈, n-C₄H₁₀ and cyclo-C₃H₆ 1-29073
- Thomas, G.F.** *see* Mulder, F. 1-10622
- Thomas, G.H., Jones, D.** Can superheavy stable particles be detected in current spectral data? 1-23466
- Thomas, G.H., Rose, J.L.** An ultrasonic evaluation and quality control tool for adhesive bonds 1-12946
- Thomas, G.H.** *see* Crabb, D.G. 1-14413
- Thomas, G.H.** *see* Edwards, B.J. 1-33199
- Thomas, G.P.** *see* Jain, P.L. 1-45374
- Thomas, G.R.** Overview—significant aspects of TMI-2 core material performance 1-41175
- Thomas, H.** Exact results for a one-dimensional random-anisotropy spin glass 1-7870
- Thomas, H.** *see* Groen, J.P. 1-25966
- Thomas, H.** *see* Muller, G. 1-7804
- Thomas, H.-C.** *see* Kippenhahn, R. 1-13807, 1-27481, 1-27482
- Thomas, H.J.** Nuclear energy—no thank you? 1-13111
- Thomas, H.L.** Integrated system for multichannel control of LC and GC [chromatography] 1-8627
- Thomas, H.-M.** *see* Wittig, G. 1-35468
- Thomas, H.R., Morgan, C., Lewis, R.W.** A fully nonlinear analysis of heat and mass transfer problems in porous bodies 1-1801
- Thomas, H.R., Salaneck, W.R., Duke, C.B., Plummer, E.W., Heeger, A.J., MacDiarmid, A.G.** Photoelectron spectra of conducting polymer—molecularly doped polyacetylenes 1-35146
- Thomas, I.L.** Spatial postprocessing of spectrally classified Landsat data 1-40201
- Thomas, J.** *see* Jones, T.J. 1-49751
- Thomas, J.** *see* Kerlin, T.W. 1-50817
- Thomas, J.** *see* Penner, S.S. 1-13071
- Thomas, J.** *see* Quemerai, A. 1-31165
- Thomas, J.A.** *see* Hayakawa, S. 1-22923
- Thomas, J.A.** *see* Hyland, A.R. 1-22858
- Thomas, J.B.** *see* Fanselow, J.L. 1-49195
- Thomas, J.E., Quivers, W.W.** J. Transit-time effects in optically pumped coupled three-level systems 1-14851

- Thomas, J.F., Deltour, R. Temperature dependence of the platinum resistivity: an experiment for students in solid state and cryophysics 1-49905
- Thomas, J.F., Jerome, D. Commensurability and fluctuating conductivity in the organic conductor TSF-TCNQ 1-34696
- Thomas, J.F., Jr. see Pershing, M.W. 1-30377
- Thomas, J.H. see Hudi, M.M. 1-36913
- Thomas, J.H. see Lucas, A.L. 1-9096
- Thomas, J.H., III. Phosphorus concentration in hydrogenated amorphous silicon using ion-implanted references 1-30262
- Thomas, J.H., III. see Carlson, D.E. 1-4200
- Thomas, J.K. see Grieser, F. 1-1135
- Thomas, J.M. Minerals under the microscope 1-11644
- Thomas, J.M. see Bursill, L.A. 1-36076
- Thomas, J.M. see Gramaccioli, C.M. 1-47072
- Thomas, J.M. see Jefferson, D.A. 1-15766
- Thomas, J.M. see Wen Shu-lin 1-30249
- Thomas, J.O., Erssen, N.O., Andersson, Y. An X-ray film powder profile refinement of the crystal structure of TaP_3 1-30174
- Thomas, J.O. see Nilsson, L. 1-30179
- Thomas, J.P. see Olzak, L.A. 1-39921
- Thomas, J.P., Jr. A new class of unsteady solutions of the Navier-Stokes equations 1-15463
- Thomas, J.P., Jr. see Nunziato, J.W. 1-2081
- Thomas, J.R. The absorption of wave energy by a three-dimensional submerged duct 1-53547
- Thomas, J.R., Jr. see Singh, J.P. 1-37789
- Thomas, J.R., Jr. see Wideman, D.C. 1-29729
- Thomas, J.T. see West, J.T. 1-45667
- Thomas, J.T. see Westfall, R.M. 1-45668
- Thomas, K. Internal mammary lymphoscintigraphy: a technical viewpoint 1-49107
- Thomas, L., Chaloner, C.P., Bhattacharyya, S.K. Laser-radar measurements in southern England of aerosols and Mount St Helens 1-44276
- Thomas, L. see Griffin, A.C. 1-38283
- Thomas, L.C. see Kakarala, C.R. 1-37907
- Thomas, L.D. On rainbow scattering in inelastic molecular collisions 1-33536
- Thomas, L.D., Kraemer, W.P., Dierksen, G.H.F. Low-angle scattering of Li^+ by CO 1-1306
- Thomas, L.D., Kraemer, W.P., Dierksen, G.H.F. Rotational excitation of CO by He impact 1-1329
- Thomas, L.D. see Green, S. 1-37291
- Thomas, L.E. Stochastic coupling and thermodynamic inequalities 1-5258
- Thomas, L.L. Mixed oxide conversion facility alternative conceptual designs 1-18870
- Thomas, M. see Demazeau, G. 1-34665
- Thomas, M.H.B. The physical basis of remote sensing measurements at sea 1-9291
- Thomas, M.H.B. The physics underlying the remote sensing of the oceans 1-27316
- Thomas, M.J.K. see John, P. 1-21720, 1-39127
- Thomas, M.J.K. see Tait, N.R.S. 1-21817
- Thomas, M.T. see Brummer, S.M. 1-26620
- Thomas, M.T. see Daniel, J.L. 1-21847
- Thomas, M.T. see Pederson, L.R. 1-11065
- Thomas, M.W. Contribution of metallic and oxide contact to static adhesion 1-48647
- Thomas, M.W. see Albinati, A. 1-30204
- Thomas, M.W. see Hardy, A.D. 1-50781
- Thomas, N., Arnold, W., Dransfeld, K. The storage echo in piezoelectric powers 1-16528
- Thomas, N., Arnold, W., Gmelin, E., Guckelsberger, K., Weiss, G., von Lohneysen, H. Ultrasonic and specific heat measurements in quenched superconducting NbZr 1-30880
- Thomas, N.G., Helin, E., Marsden, B.G. 1980 YS 1-44464
- Thomas, P., Campos, J. Mean lifetimes of some levels of the sodium atom 1-10695
- Thomas, P.D., Middlecoff, J.F. Direct control of the grid point distribution in meshes generated by elliptic equations 1-2054
- Thomas, R., Chexal, B. Zirconium oxidation during high-pressure-temperature, steam-depleted conditions 1-45620
- Thomas, R., Moore, F.H. Neutron diffraction studies of polyiodides. I. Potassium triiodide monohydrate 1-30143
- Thomas, R. see Conopask, J.V. 1-35709
- Thomas, R. see Hastings, J.M. 1-3176
- Thomas, R.E., Gibson, J.W., Haas, G.A. Low energy electron reflection (LEER) and electron affinity of MgO 1-16198
- Thomas, R.E. see Mukherjee, S. 1-43132
- Thomas, R.L. see Lin, M.J. 1-15955
- Thomas, R.N. Advances in bulk silicon and gallium arsenide materials technology 1-43257
- Thomas, R.N. see Swartz, J.C. 1-16590
- Thomas, S.J. see Watkins, D.E. 1-41767
- Thomas, S.M. Rotational motion of adsorbed methane 1-11972
- Thomas, T.D. see Dyer, P. 1-5686
- Thomas, T.R., Etheridge, G.L. Hydrostatic weighing at residual volume and functional residual capacity 1-17528
- Thomas, W.A. see Browder, J.A. 1-23362
- Thomas, W.C. see Unsal, M. 1-37784
- Thomas, W.R.L. Sensitivity analysis of the value of a solar driven chemical heat pump system 1-48890
- Thomasset, F. see Hua, L. 1-4528
- Thomasson, R.K. BESBET II-a computer code for the simulation of severe transients in LMFBR boilers 1-28574
- Thomasz, E., D'Alotto, V., Nollmann, C.E., Kunst, J.J. Determination of absorbed doses in a computerized tomography scanner 1-13326
- Thomasz, E. see Nollmann, C.E. 1-956
- Thomchick, J., Buoncristiani, A.M. An alternative approach to charge transport in semiconducting electrodes 1-42857
- Thomchick, J., Ham, F.S. Calculation of stress-induced polarization of F-center luminescence for a vibronic model of the relaxed excited state 1-39150
- Thome, J.R., Davey, G. Bubble growth rates in liquid nitrogen, argon and their mixtures 1-34467
- Thome, L. see Traverse, A. 1-21099
- Thome, R.J., Pillsbury, R.D., Segal, H.R., Pederson, B.O. Impact of high-current operation on the cost of superconducting magnet systems for large-scale MHD applications 1-48880
- Thome, R.J. see Iwasa, Y. 1-53627
- Thome, R.J. see Marston, P.G. 1-48873
- Thomich, E. see Allen, J. 1-44917
- Thomlinson, W. see Lynn, J.W. 1-38911
- Thomlinson, W. see Moncton, D.E. 1-30883
- Thommen, F. see Maier, J.P. 1-10773, 1-37275, 1-41426
- Thompson see Armstrong 1-10254
- Thompson, A.G. Auxiliary mass throw in a tuned and damped vibration absorber 1-6817
- Thompson, A.G. Optimizing the untuned viscous dynamic vibration absorber with primary system damping: a frequency locus method [comments with reply by Bapat & Kumaraswamy] 1-37837
- Thompson, A.H. see Moyer, V. 1-22484
- Thompson, A.M. see Mee Thompson, A.
- Thompson, A.R. Effects of a satellite power system on ground-based radio and radar astronomy 1-54374
- Thompson, A.R., Clark, B.G., Wade, C.M., Napier, P.J. The Very Large Array 1-49509
- Thompson, A.R., Sinha, R.P. An upper limit to the mass loss rate from the nuclei of planetary nebulae 1-9483
- Thompson, A.S. see Di Gennaro, V. 1-5660
- Thompson, A.W. see Chen, C. 1-16972
- Thompson, B.J., Dunn, P. Advances in far-field holography. Theory and applications 1-15123
- Thompson, B.J. see Cartwright, S.L. 1-10944
- Thompson, B.J. see Wever, G.H. 1-53949
- Thompson, B.V. The Maxwell-Bloch equations for the three-photon coherent absorption 1-6620
- Thompson, B.V. see Hermann, J.A. 1-1621
- Thompson, C.A. see Hussain, A.K.M.F. 1-2049
- Thompson, D.A., Golanski, A., Haugen, K.H., Stevanovic, D.V., Carter, G., Christodoulides, C.E. Disorder production and amorphisation in ion implanted silicon 1-52188
- Thompson, D.A. see Poehlman, W.F.S. 1-16645
- Thompson, D.A. see Worthington, T.K. 1-5276
- Thompson, D.J. Progress report on the SRS at Daresbury 1-23883
- Thompson, D.J. The proposed European Synchrotron Radiation Facility 1-23886
- Thompson, D.J. FELIX: a proposal for a free electron laser experiment at Daresbury 1-24431
- Thompson, D.J., Sills, J.A., Recke, K.S., Bui, D.M. Acoustic reflex growth in the aging adult 1-4294
- Thompson, D.J. see Buras, B. 1-14716
- Thompson, D.J. see Coffey, C.W. II. 1-26990
- Thompson, D.J. see Lamb, R.C. 1-9721
- Thompson, D.L. see Brady, J.W. 1-6418
- Thompson, D.M., Richardson, M.F., Rothstein, S.M. Significance testing of a decrease in the R factor. The jackknife and Hamilton's R-factor ratio test applied to a case of a false minimum in crystallography 1-42256
- Thompson, D.W. see McKean, D.C. 1-14900
- Thompson, E.G. see Shimazaki, Y. 1-29571
- Thompson, E.V. Morphology and phase relationships for low-molecular-weight polystyrene in poly(methyl methacrylate) and methyl methacrylate/styrene copolymers 1-12729
- Thompson, G. The A_1 meson produced at 63 and 94 GeV/c in the reaction $p \rightarrow \pi^- \pi^+ \pi^- p$ 1-10262
- Thompson, G. see Daum, C. 1-14424, 1-28357
- Thompson, G. see Ludden, J.N. 1-13430
- Thompson, G. see Schroeder, B. 1-22555
- Thompson, G.A., Lindsay, D.M. ESR spectra of matrix isolated potassium atom clusters 1-51331
- Thompson, G.H.B. Physics of semiconductor laser devices 1-5037
- Thompson, G.H.B. Temperature dependence of threshold current in $(GaIn)(AsP)DH$ lasers at 1.3 and 1.5 μm wavelength 1-51480
- Thompson, G.J. see Fraser, A.B. 1-4614
- Thompson, H.R., Jr. see Chrien, R.E. 1-46917
- Thompson, I.J. Orthogonal requirements in anti-symmetrised deuteron-nucleus reactions 1-28428
- Thompson, J. see Wolford, D.J. 1-47538
- Thompson, J.B. see Iwasa, Y. 1-53627
- Thompson, J.B. see Wootton, R.E. 1-20004
- Thompson, J.C. see Altkofer, O.C. 1-45773
- Thompson, J.C. see Aubert, J.J. 1-5630
- Thompson, J.C. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Thompson, J.C. see Krohn, C.E. 1-35150
- Thompson, J.D., Cooley, L.R. Evaluation of incinerators for the disposal of radioactive waste 1-41196
- Thompson, J.D. see Harrison, D.W. 1-42881
- Thompson, J.D. see Maley, M.P. 1-52678
- Thompson, J.E., Fellers, R.G., Sudarshan, T.S., Warren, F.T., Jr. Design of a triggered vacuum gap for crowbar operation 1-25117
- Thompson, J.E., Lin, J., Mikkelsen, K., Kristiansen, M. Electro-optical surface flashover measurements 1-7013
- Thompson, J.J., Chen, P.Y.P. Eigenvector solution of the linearized equations of thermal convection in a closed gas centrifuge. II. Utilization of the adjoint matrix eigenvectors 1-872
- Thompson, J.K., Tree, D.R. Leakage error in fast Fourier analysis 1-24603
- Thompson, J.M.T. Static and dynamic instabilities in the physical sciences: an inaugural lecture 1-15431
- Thompson, J.R. see Sekula, S.T. 1-40796
- Thompson, J.R. see Thomson, J.O. 1-34885
- Thompson, K. A graphic approach to the analysis of perturbed optical systems 1-46518
- Thompson, K. see Merritt, D. 1-40369
- Thompson, K.A. see Liang, E.P.T. 1-9558
- Thompson, K.A., Gregory, S.A. The luminosity function of Coma cluster galaxies 1-49826
- Thompson, L.A. see Frey, H.G. 1-32567
- Thompson, L.A. see Gregory, S.A. 1-54639
- Thompson, L.J. see Averback, R.S. 1-2522, 1-52186
- Thompson, M.C. Laboratory studies of uranium(IV) in the Purex process 1-18857
- Thompson, M.C. see Reif, D.J. 1-18865
- Thompson, M.N. see Pywell, R.E. 1-23637
- Thompson, M.W. see O'Connor, D.J. 1-28824
- Thompson, N.E., Freasier, B.C. A new method of solution of the Ornstein-Zernike equation for a two-dimensional fluid 1-11656
- Thompson, N.L., Burghardt, T.P., Axelrod, D. Measuring surface dynamics of biomolecules by total internal reflection fluorescence with photobleaching recovery or correlation spectroscopy 1-53935
- Thompson, P. see Berg, D. 1-28320
- Thompson, P. see Collick, B. 1-45290
- Thompson, P. see Jonckheere, A. 1-51013
- Thompson, P.A. see Egan, P.O. 1-51324
- Thompson, P.A. see Schardt, M.A. 1-45293
- Thompson, P.C. see Roberts, P.D. 1-10523
- Thompson, P.D. A short-range prediction scheme based on conservation principles and the generalized balance condition 1-4560
- Thompson, R.C. see Bottiger, J.R. 1-6485
- Thompson, R.C. see Haynes, J.S. 1-12432
- Thompson, R.E. see Twitty, J.T. 1-13571
- Thompson, R.I. see Thronson, H.A., Jr. 1-44533
- Thompson, R.J. see Aston, D. 1-14399
- Thompson, R.N., Morrison, M.A., Mattey, D.P., Dickinson, A.P., Moorbat, S. An assessment of the Th-Hf-Ta diagram as a discriminant for tectonometamorphic classifications and in the detection of crustal contamination of magmas 1-13417
- Thompson, R.O.R.Y. A prograde jet driven by Rossby waves 1-22405
- Thompson, R.O.R.Y. Efficiency of conversion of kinetic energy to potential energy by a breaking internal gravity wave 1-27173
- Thompson, R.O.R.Y., Veronis, G. Transport calculations in the Tasman and Coral seas 1-4501
- Thompson, R.T. see Aston, D. 1-50442
- Thompson, R.T., Jr., Miller, R.C. Densities and dielectric constants of LPG components and mixtures at cryogenic storage conditions 1-47141
- Thompson, S.L. see Freeman, J.R. 1-33017
- Thompson, S.L. see McGlaugh, J.N. 1-34116
- Thompson, T.C., Truhlar, D.G. SCF CI calculations for vibrational eigenvalues and wavefunctions of systems exhibiting Fermi resonance 1-6173
- Thompson, T.W. see Weissman, D.E. 1-13483
- Thomsen, D.H., Jones, D.B., Moore, B.M., Burnside, R.J. A utility's evaluation of BWR assembly codes using Monte Carlo 1-18820
- Thomsen, E. New light on the origin of the Holy Black Stone of the Ka'ba 1-9156
- Thomsen, L. ^{129}Xe on the outgassing of the atmosphere 1-13577
- Thomsen, M.F., Northrop, T.G., Schardt, A.W., Van Allen, J.A. Corotation of Saturn's magnetosphere: evidence from energetic proton anisotropies 1-40390
- Thomsen, M.F., Van Allen, J.A. Motion of trapped electrons and protons in Saturn's inner magnetosphere 1-40398
- Thomsen, M.F. see Northrop, T.G. 1-40308
- Thomsen, M.F. see Parish, J.L. 1-9411
- Thomsen, M.F. see Van Allen, J.A. 1-40387, 1-40389

- Thomson, C. Electronic structures of the free radicals derived from ascorbic acid and α -hydroxytetrionic acid 1-10663
- Thomson, C. *see* Ball, J.R. 1-19018, 1-46110
- Thomson, C. *see* Laurence, P.R. 1-45854
- Thomson, C. *see* Skancke, P.N. 1-24027
- Thomson, J.O., Thompson, J.R. Low-temperature excitations in spin glasses: evidence for a $T^{3/2}$ behaviour 1-34885
- Thomson, J.R. *see* Bolton, C.T. 1-44553
- Thomson, K.W. *see* Cherry, B.W. 1-16872
- Thompson, P.F., Burman, N.M. Edge cracking in hot-rolled Al-Mg alloys 1-8424
- Thomson, R.M. *see* Davies, A.R. 1-24384
- Thomson, R.M. *see* Fuller, E.R., Jr. 1-43564
- Thomson, S. *see* Hovingh, J. 1-10540
- Thomson, T.R., Hobbs, R.M. Dual phase steel-s-production and formability 1-3775
- Thomson, W.B., Frangos, A.Z., Springer, T.H. Air/rock storage for solar central receiver power stations 1-48925
- Thomy, A. *see* Coulob, J.P. 1-11974
- Thomy, A. *see* Menacourt, J. 1-30552
- Thon, N. *see* Schweig, A. 1-51241
- Thonemann, H.G. *see* Bebek, C. 1-33191
- Thonemann, H.G. *see* Chadwick, K. 1-33192
- Thonnard, N. *see* Rubin, V.C. 1-49814
- Thorel, P. *see* Coulob, J.P. 1-52416
- Thorely, R. *see* Boud, D.J. 1-36478
- Thorn, C.B. Dual models and strings: the critical dimension 1-28300
- Thorn, C.B. Duality and finite size effects in six vertex models 1-28301
- Thorn, C.B. Reformulation of chiral dynamics in infinite- N_c quantum chromodynamics 1-45137
- Thorn, C.B. Infinite N_c QCD at finite temperature: Is there an ultimate temperature? 1-50385
- Thorn, C.E. *see* Golovchenko, J.A. 1-38418
- Thorn, C.E. *see* McGrath, R.L. 1-45457
- Thorn, R.J. *see* Howng, W.-Y. 1-8186
- Thornber, M.R. *see* Morris, R.C. 1-22339
- Thornburg, D.R. *see* Rauch, G.C. 1-7889
- Thordike, A. *see* Baker, D.J., Jr. 1-13562
- Thordike, A.S. *see* Colony, R. 1-54125
- Thordike, E.H. *see* Bebek, C. 1-33191
- Thordike, E.H. *see* Chadwick, K. 1-33192
- Thorne, J.M. *see* Jensen, R.J. 1-29057
- Thorne, K.S. Relativistic radiative transfer: moment formalisms 1-44428
- Thorne, K.S., Flammang, R.A., Zytow, A.N. Stationary spherical accretion into black holes. I. Equations of structure 1-44588
- Thorne, K.S. *see* Blandford, R.D. 1-22830
- Thorne, K.S. *see* Braginski, V.B. 1-23099
- Thorne, L.R. *see* Suenram, R.D. 1-45938
- Thorton, A.R. *see* Yoshioka, P. 1-49013
- Thornton, D.A. *see* Auf der Heyde, T.P.E. 1-31142
- Thornton, D.A. *see* Hodgson, J.B. 1-1225, 1-1226
- Thornton, D.A. *see* Niven, M.L. 1-14888
- Thornton, D.R., Conway, H.D. The structural analysis of edge-loaded plates 1-19583
- Thornton, G., Dempsey, M.J. Final-state effects in the 3d and 4d X-ray photoelectron spectra of CeO_2 1-33502
- Thornton, G. *see* Beatham, N. 1-25632
- Thornton, G.J. *see* Clay, R.W. 1-44398
- Thornton, G.J. *see* Kuhlmann, J.D. 1-27352
- Thornton, H.F. *see* Swift, C.T. 1-32482
- Thornton, J.A., Penfold, A.S., Lamb, J.L. Sputter-deposited $\text{Al}_2\text{O}_3/\text{Mo}/\text{Al}_2\text{O}_3$ selective absorber coatings 1-12595
- Thornton, R. *see* Hutchins, H.S. 1-2259
- Thornton, S.T. *see* Cordell, K.R. 1-50596
- Thornton, S.T. *see* Parks, R.L. 1-10400
- Thornton, S.T. *see* Wiedner, C.A. 1-18593
- Thornton, T.A. *see* Smith, L.A. 1-21422
- Thornton, W.A., Chen, E., Morton, E.W., Rachko, D. Brightness meter 1-44982
- Thorp, J.S., Enayati-Rad, N. The dielectric behaviour of single-crystal MgO, Fe/MgO and Cr/MgO 1-39023
- Thorp, J.S., Hossain, M.D. ESR line broadening of Fe^{3+} in Fe/MgO at low temperatures 1-12390
- Thorp, J.S., Hossain, M.D. ESR line broadening in $\text{Cr}^{3+}/\text{MgO}$ at liquid helium temperatures 1-31018
- Thorp, J.S., Hossain, M.D. ESR linewidth mechanisms in $\text{Ni}^{2+}/\text{MgO}$ 1-47938
- Thorp, J.S. *see* Sharif, R.I. 1-38776
- Thorp, A.J., Miller, M.J., Moncrieff, M.W. Dynamical models of two-dimensional down-draughts 1-22458
- Thorpe, J.R. Impacts of TMI on regulatory requirements—the GPU position 1-14663
- Thorpe, M.F., Galeener, F.L. Network dynamics 1-11831
- Thorpe, R. *see* Witherspoon, P.A. 1-806
- Thorpe, S.A. An experimental study of critical layers 1-51791
- Thorpe, S.A., Hall, A.J. The mixing layer of Loch Ness 1-40149
- Thorslund, P., Wickman, F.E. Middle Ordovician chondrite in fossiliferous limestone from Brunflo, central Sweden 1-40442
- Thorson, R.M. Ice-sheet glaciation of the Puget lowland, Washington, during the Vashon Stade (Late Pleistocene) 1-17630
- Thorson, W.R. *see* Bertie, J.E. 1-39075
- Thorsteinen, T.F. *see* Jin Gen-Ming 1-41029
- Thorstensen, J. *see* Griffiths, R.E. 1-13885
- Thorstensen, J.R. *see* Charles, P. 1-49717
- Thorstensen, J.R. *see* Charles, P.A. 1-36433
- Thorstensen, J.R. *see* Henry, J.P. 1-54643
- Thorstensen, J.R. *see* White, N.E. 1-27635
- Thorvaldsson, T., Dunlop, G.L. Precipitation reactions in Ti-stabilized austenitic stainless steel 1-16786
- Thorvaldsson, T., Dunlop, G.L. The influence of composition on precipitation in stabilized austenitic stainless steels 1-21455
- Thouless, D.J. Introduction to localization 1-30609
- Thouless, D.J., Kirkpatrick, S. Conductivity of the disordered linear chain 1-38765
- Thouless, D.J. *see* Anderson, P.W. 1-20692
- Thoulouze, D., Bonfait, G., Chabre, Y. Highly polarized liquid ^3He : some experimental aspects of fast melting of polarized solid ^3He 1-2746
- Thoulouze, D. *see* Godfrin, H. 1-2753, 1-2769
- Thoulouze, D. *see* Hebral, B. 1-16127, 1-20508, 1-34541
- Thoulouze, D. *see* Ravex, A. 1-30879
- Thouvenot, P. *see* Robert, J. 1-8972
- Thozet, A. *see* Perrin, M. 1-28877
- Thrane, E.V. *see* Schlegel, K. 1-27334
- Thrasher, E.L. *see* Radin, E.L. 1-17446
- Thresher, J.J. *see* Bourquin, M. 1-10276
- Thronberens, W., Sinnen, H.-D., Schuster, H.-U. Ternary phases of alkali metals with platinum or palladium and silicon or germanium in relation to canal structure 1-34288
- Thronson, H.A., Jr., Campbell, M.F., Hoffmann, W.F. The large-scale far-infrared structure of W3 and W4 1-9598
- Thronson, H.A., Jr., Thompson, R.I., Harvey, P.M., Rickard, L.J., Tokunaga, A.T. Star formation in IC 1848 A 1-44533
- Thronson, H.A., Jr. *see* Werner, M.W. 1-44653
- Thrope, G.B. *see* Crago, P.E. 1-26919
- Thrush, B.A. *see* Cliff, D.I. 1-6247
- Thrush, B.A. *see* Meunier, H. 1-48691
- Thuan, T.X. *see* Hoessel, J.G. 1-22878
- Thuan Nguyen Ngoc *see* Nguyen Ngoc Thuan
- Thuang Wo Wang *see* Wo Wang Thuang
- Thubrikar, M., Reich, T., Cadoff, I. Study of surface charge of the intima and artificial materials in relation to thrombogenicity 1-17523
- Thueringer, R., Freisinger, J., Loeb, H.W. Optimization of the discharge chamber length of the RF-ion source RIG 10 1-15629
- Thuesen, G., Lindegaard-Andersen, A. Grazing incidence topography 1-26993
- Thuilleaux, J.-M. *see* Dupuy, J. 1-15734
- Thuilleaux, J.-M. *see* Gibert, A. 1-11603
- Thuillier-Chevin, F., Maraine, P., Perez, G. Crystalline structure of barium chlorodioxantimonate BaSbO_4Cl 1-20162
- Thuillier-Chevin, F., Maraine, P., Perez, G. Structure of barium antimonate $\text{BaSb}_2\text{O}_7(\text{OH})$ 1-34293
- Thuis, H.H.W., Stoltz, S., Reuss, J., van den Biesen, J.J.H., van den Meijdenberg, C.J.N. Angle dependent interaction potentials for NO-Ar, NO-Kr and NO-Xe derived from various total collision cross section data 1-19160
- Thuzait, R., Whitechurch, H., Montigny, R., Jéau, T. K-Ar dating of some infra-ophiolitic metamorphic soles from the eastern Mediterranean: new evidence for oceanic thrustings before obduction 1-54047
- Thullen, P., Weldon, D., Wollan, J. A high-field bipolar loss measurement apparatus 1-50159
- Thullen, P. *see* Singh, S.K. 1-48929
- Thum, C., Bertout, C., Downes, D. A search for Orion population stars 1-49649
- Thum, C. *see* Harten, R.H. 1-54493
- Thum, F. *see* Goodall, D.H.J. 1-29908
- Thuma, B. *see* Munzenberg, G. 1-50695
- Thumm, I., Treiber, U., Kemmler-Sack, S. On oxygen containing perovskites with five- and four-valent indium bonds of $\text{Ba}_2\text{B}^{3+}\text{Ir}^{5+}\text{O}_6$ and $\text{Ba}_2\text{B}^{3+}\text{Ir}^{5+}\text{O}_6$ type 1-38349
- Thummi, M., Lesiecki, H., Mertens, G., Schmidt, K., Mack, G. Resonance effects in elastic and first excited level inelastic neutron scattering on ^{12}C from 15.0 to 18.25 MeV 1-684
- Thummier, F. *see* Banerjee, S. 1-39272
- Thummier, F. *see* Becker, R. 1-16736
- Thummier, F. *see* Grathwohl, G. 1-48417
- Thunemann, K.H. *see* Bennewitz, H.G. 1-21706
- Thuraisingham, R.A., Nilar, S.H.M. Semiempirical molecular orbital calculations on π electron systems 1-1115
- Thurber, C.H., Ellsworth, W.L. Rapid solution of ray tracing problems in heterogeneous media 1-32355
- Thurber, W.R., Mattis, R.L., Liu, Y.M., Filliben, J.J. Resistivity-dopant density relationship for phosphorus-doped silicon 1-12107
- Thurber, W.R., Mattis, R.L., Liu, Y.M., Filliben, J.J. Resistivity-dopant density relationship for boron-doped silicon 1-20769
- Thurlbeck, W.M. *see* Berend, N. 1-22034
- Thurn, H. 15 years' investigations of current movements of the Earth's crust in the section of geodesy and cartography 1-17554
- Thurn, H. *see* Joo, I. 1-54057
- Thurmond, C.D. *see* Schwartz, G.P. 1-16762, 1-35570
- Thurnauer, M.C., Norris, J.R. An electron spin echo phase shift observed in photosynthetic algae. Possible evidence for dynamic radical pair interactions 1-32098
- Thurogood, A. *see* Somerville, I.C. 1-15743
- Thurston, R.N. Stability of nematic liquid crystal configurations 1-52057
- Thurston, R.N., Almgren, F.J. Liquid crystals and geodesics 1-52056
- Thury, J. *see* Joo, I. 1-54057
- Thuseit, F. On the phase separation of carriers in nitrogen-doped GaP 1-12134
- Thuseit, F., Kreher, K., Wunsche, H.-J. Energies of electrons bound to nitrogen pairs in GaP 1-30666
- Thuss, B. *see* Schiller, S. 1-12653
- Thut, R. *see* Buhrer, W. 1-28787
- Thwaites, D.I. Stopping cross-sections of various gases for alpha particles in the energy region 0.2 to 5.5 MeV 1-10612
- Thwaites, D.I. Stopping cross-sections of liquid water and water vapour for alpha particles within the energy region 0.3 to 5.5 MeV 1-41286
- Thyagarajan, N. *see* Wilkinson, D.S. 1-26561
- Thys-Clement, F. *see* Berckmans, A. 1-39711
- Ti, S.S., Ra, O. Vibrations of potassium and cesium thiocyanates crystals. V. Internal modes 1-34431
- Ti, S.S., Ra, O. Vibrations of potassium and cesium thiocyanates crystals. IV. Dispersion relations of lattice modes 1-34433
- Ti Quan Cai *see* Cai Ti Quan
- Ti Tien, H., Higgins, J. Porphyry modified tin oxide semiconductor as photocathode 1-32032
- Tiainen, O.J.A. *see* Rausti, J. 1-14651
- Tian De-fang *see* Zhu He-nian 1-337
- Tian Jing-hua *see* Tang Di-sheng 1-2611
- Tian-long Yang *see* Tang Tian-long
- Tian-Xi Yang *see* Yang Tian-Xi
- Tianfu Gao *see* Gao Tianfu
- Tiainen, T. The yielding of copper single crystals at different stages of work-hardening 1-12761
- Tibarewala, D.N., Ghosh, A.K., Ganguli, S. An integrated biomechanical-bioenergetic technique for evaluation of human locomotion 1-17511
- Tibbetts, G.G. Diffusivity of carbon in iron and steels at high temperatures 1-7387
- Tibbetts, R.E., Wilczynski, J.S. Design and fabrication of microelectronic lenses 1-46527
- Tibbetts, R.E. *see* Santy, W.G. 1-51585
- Tibbs, N.H., Unfer, L., Jr. Uranium potential in southeast Missouri 1-44189
- Tibell, G. *see* Ganzorig, D. 1-23697
- Tibell, G. *see* Johansson, T. 1-18694
- Tiberio, R. *see* Kleinsasser, A.W. 1-47812
- Tibilov, V.K. *see* Alferov, Zh.I. 1-1578
- Tibilov, V.K. *see* Gorenok, A.T. 1-39255
- Tiby, C. *see* Wierzch, H. 1-38605
- Tichin, V.F. *see* Gamalji, E.G. 1-11515
- Ticht, J. *see* Comby, G. 1-14759
- Tichy, J., Gautschi, G.H. Basic concepts of piezoelectric measuring techniques 1-23206
- Tichy, J. *see* Bertagnoli, E. 1-42395
- Tichy, J. *see* Suzuki, H. 1-37644
- Tichy, M. *see* Spurny, F. 1-942
- Tickle, I. *see* Blundell, T. 1-53752
- Tickner, E.G. *see* Meltzer, R.S. 1-8937
- Tiedemann-Petersson, P. *see* Borchert, G.L. 1-23940
- Tiedemann-Petersson, P. *see* Ewan, G.T. 1-36929
- Tiedewell, M.W. *see* Parfitt, G.D. 1-47372
- Tie-ying Zhou *see* Zhou Tie-ying
- Tiechong Li Long-time behavior of the charged-carrier-elastic-wave system 1-34453
- Tieckhe, H. *see* Däum, C. 1-14424, 1-28357
- Tiedemann, P.W. *see* Anderson, S.L. 1-37273
- Tiedemann, P.W. *see* Becker, C.H. 1-8557
- Tiedemann, W.H. *see* Bullock, K.R. 1-21627
- Tiedje, T., Rose, A. A physical interpretation of dispersive transport in disordered semiconductors 1-42787
- Tiedje, T., Wronski, C.R., Abeles, B., Cebulka, J.M. Electron transport in hydrogenated amorphous silicon: drift mobility and junction capacitance 1-30784
- Tiedje, T. *see* Abeles, B. 1-30779
- Tiedje, T. *see* Gutkowitz-Krusin, D. 1-48838
- Tiee, J.J., Wampler, F.B., Rice, W.W. ArF laser photodissociation of highly vibrationally excited SF₆ molecules 1-29054
- Tiee, J.J. *see* Fischer, T.A. 1-15178
- Tiee, J.J. *see* Rice, W.W. 1-10776
- Tiefel, T.H. *see* Jin, S. 1-7894
- Tiegs, S.M. Sphere-cal process: fabrication of fuel pellets from gel microspheres 1-50754
- Tiem Dang Hong *see* Dang Hong Tiem
- Tiemann, E. *see* Knoekel, H. 1-46042
- Tiemann, E. *see* Topping, T. 1-37221

- Tiemann, W. Arc-gas flow interactions in a double nozzle flow system 1-34157
- Tien, C.L. *see* Tong, T.W. 1-15371
- Tien, C.L. *see* Vafai, K. 1-38007
- Tien, H.T. *see* Ti Tien, H.
- Tien, J.K., Howson, T.E., Chen, G.L., Xie, X.S. Cobalt availability and superalloys 1-48244
- Tien, J.K., Purushothaman, S., Mahoney, M.W., Paton, N.E. A back-stress-based rationale for creep behavior during dynamic aging 1-21515
- Tien, J.K. *see* Ajaja, O. 1-3900
- Tien, J.K. *see* Howson, T.E. 1-12808, 1-12809
- Tien, J.K. *see* Marlin, R.T. 1-26559
- Tien, J.K. *see* Purushothaman, S. 1-12838, 1-31660
- Tien, P.K., Capik, R.J. Use of a concentric-arc grating as a thin-film spectrograph for guided waves 1-11083
- Tien, P.-K., Giordmaine, J.A. Integrated optics: wave of the future. 1-24529
- Tien, T.Y. *see* Tuohig, W.D. 1-26432
- Tien Juhng-Zuor *see* Juhng-Zuor Tien
- Tien Lin Shui *see* Shi Tien Lin
- Tien Tsai Yang Modeling of CW HF chemical lasers with rotational nonequilibrium 1-41679
- Tien-Pei Lee, Burrus, C.A., Jr., Dentai, A.G. InGaAs/InP p-i-n photodiodes for lightweight communications at the 0.95-1.65 μ m wavelength 1-45009
- Tien-Pei Lee, Holden, W.S. Improved molecular beam epitaxial growth of $\text{AlGa}_{1-x}\text{As}$ /GaAs high-radiance LEDs for optical communications 1-48263
- Tiernan, T.O. *see* Jones, E.G. 1-39608
- Tiernan, T.O. *see* Wu, R.L.C. 1-37380
- Tierney, E. *see* Angiello, J. 1-47406
- Tierney, E. *see* Irene, E.A. 1-30581
- Tiersch, H. *see* Bronkalla, W. 1-49815
- Tiersten, H.F., Ballato, A. Nonlinear vibrations of quartz rods 1-21134
- Tiersten, H.F. *see* Ancona, M.G. 1-42842
- Tiersten, H.F. *see* Sinha, B.K. 1-7445
- Tiersten, M. *see* Gersten, J. 1-40617
- Tietgen, K.H., Kersten, R.Th. 180°-turns in integrated optics 1-51641
- Tietzsch, W. *see* Kreisler, P. 1-23184
- Tietz, H.-D. *see* Pfrotzschner, G. 1-26524
- Tiezz, L.J., Scott, R.B. Crystal fractionation in a cumulate gabbro, Mid-Atlantic Ridge, 26°N 1-22289
- Tift, W.G. Double galaxies as indicators of large scale structure 1-9641
- Tift, W.G. *see* Gregory, S.A. 1-54639
- Tigarev, I.P. *see* Borishanskii, V.M. 1-29771
- Tihanyi, P. *see* Lindstrom, C. 1-11024
- Tiitta, A. ASTACUS a reverse neutron time-of-flight diffractometer using a Fourier chopper 1-25125
- Tijhuis, A.G., Blok, H. SEM approach to the transient scattering by an inhomogeneous, lossy dielectric slab [singularity expansion method] 1-6433
- Tikhchev, H.G. *see* Zlatarov, V.K. 1-53928
- Tikhinski, G.F. *see* Azhazha, V.M. 1-31352
- Tikhinski, G.F. *see* Kornienko, L.A. 1-53217
- Tikhinski, G.F. *see* Petrenko, V.T. 1-3086
- Tikhinski, G.F. *see* Kornienko, L.A. 1-16839
- Tikhomirov, A.M. Deep inelastic scattering of neutrinos and antineutrinos by a polarized proton in the quark-parton model 1-40982
- Tikhomirov, N.A. *see* Bukharov, M.N. 1-49400
- Tikhomirov, N.A. *see* Kiryukhin, S.V. 1-2235
- Tikhomirov, S.V. *see* Eliseev, P.G. 1-5273
- Tikhomirov, S.V. *see* Zagorskii, Ya.T. 1-5271
- Tikhomirov, V.A. *see* Basilevsky, M.V. 1-53422
- Tikhomirov, V.A. *see* Denker, B.I. 1-43010
- Tikhomirova, G.V. *see* Grebnickii, O.F. 1-26907
- Tikhomirova, N.A., Pikin, S.A., Shuvalov, L.A., Dontsova, L.I., Popov, E.S., Shilnikov, A.V., Bulatova, L.G. Visualization of static and the dynamics of domain structure in triglycine sulfate by liquid crystals 1-26146
- Tikhomirova, N.A., Shuvalov, L.A., Baranov, A.I., Karasev, A.R., Dontsova, L.I., Popov, E.S., Shilnikov, A.V., Bulatova, L.G. Study of domain dynamics in TGS using nematic liquid crystals 1-21150
- Tikhomirova, N.E. *see* Orlov, D.L. 1-39480
- Tikhonchuk, V.S. *see* Shestiperv, V.A. 1-35810
- Tikhonchuk, V.T. *see* Silin, V.P. 1-24974
- Tikhonenko, O.Ya. *see* Osinskii, V.I. 1-8139
- Tikhonov, E.A. *see* Bezrodnyi, V.I. 1-51573
- Tikhonov, E.A. *see* Gandelman, I.L. 1-1564, 1-41689
- Tikhonov, E.A. *see* Ilchishin, I.P. 1-3448
- Tikhonov, E.A. *see* Narovlyanskaya, N.M. 1-33715
- Tikhonov, E.A. *see* Vashchuk, V.I. 1-51475
- Tikhonov, G.F. *see* Sorokin, V.K. 1-21392
- Tikhonov, G.I., Tsapakh, S.L., Mikhailova, K.A. Manganese dioxide reduction in γ -butyrolactone 1-35528
- Tikhonov, L.V. *see* Zaporozhets, O.I. 1-38937
- Tikhonov, V.I. *see* Bessonov, V.I. 1-44906
- Tikhonova, A.M. *see* Min'kov, D.B. 1-12699
- Tikhonova, E.A. Dynamic scattering by equidistant bent reflecting planes. II. Slightly and greatly distorted crystals 1-7041
- Tikhonova, E.A. Theory of modal oscillations of the wave intensity in distorted crystals 1-11635
- Tikhonova, L.A. *see* Batyunya, B.V. 1-600
- Tikhonova, L.A. *see* Boos, E.G. 1-5661
- Tikhonova, L.P. *see* Kovalenko, A.S. 1-39625
- Tikhonova, L.V. *see* Tashkinov, G.D. 1-14112
- Tikhonova, N.P. *see* Romanov, G.I. 1-7189
- Tikhonovskii, M.A. *see* Petrenko, V.T. 1-3086
- Tikhonovskii, M.A. *see* Sverdlov, V.Ya. 1-38877, 1-39328
- Tikhonravov, A.V. *see* Pirogov, Yu.A. 1-40845
- Tikishev, T.S. *see* Fedorin, A.K. 1-53322
- Tikkinen, J. *see* Kiuru, A. 1-49118
- Tikku, V.K. *see* Garg, J.B. 1-45482, 1-45483
- Tikoo, P.K. *see* Ahuja, I.S. 1-19091
- Tiktopoulos, G. Calculable observables in quantum chromodynamics. II. Heavy quark production 1-500
- Tiku, S.K. *see* Chi Kwan Lau 1-12666
- Tilborg, P.R. *see* Coppens, P. 1-2410
- Tilbury, R.S., Myers, W.G., Chandra, R., Dahl, J.R., Lee, R. Production of 7.6-minute potassium-38 for medical use 1-17496
- Tildesley, D.J. Perturbation theory for diatomic molecules using a non-spherical reference system 1-11662
- Tildesley, D.J., Steett, W.B. An equation of state for hard dumbbell fluids 1-11655
- Tildesley, D.J. *see* Severin, E.S. 1-39680
- Tilford, N.R. *see* De Boer, J. 1-13445
- Tilgner, R. *see* Korpin, J. 1-42122
- Tilinin, I.S. *see* Remizovich, V.S. 1-31265
- Tiller, H.-J., Rudakoff, G. Reactivity of plasma-treated SiO_2 against CF_4 and CCl_4 —an ESR study 1-26645
- Tilley, R.J.D. Non-stoichiometric crystals containing planar defects 1-47098
- Tilley, R.J.D., Iguchi, E. Experimental estimation of the formation energy of crystallographic shear planes in tungsten oxides 1-25297
- Tilley, R.J.D. *see* Ekstrom, T. 1-20150, 1-52259
- Tilley, R.J.D. *see* Iguchi, E. 1-7127
- Tillu, A.D. *see* Gogawale, S.R. 1-14833
- Tilly, G.P. Fatigue of steel reinforcement bars in concrete: a review 1-8410
- Tilman, S.M. *see* Markov, M.S. 1-40114
- Tilquin, A. *see* Badier, J. 1-14430
- Tilton, R.A. *see* Downes, L.W. 1-41487
- Tilyavov, A.A. *see* Dal'kov, O.D. 1-41065
- Timan, B.L., Kolotii, O.D. Stability of growth of cylindrical crystals from two-component melts 1-30117
- Timan, B.L., Kolotii, O.D., Dobrovinskaya, E.R., Pishchik, V.V., Litvinov, L.A. Effect of thermal conditions on the growing of single-crystal sapphire tubes 1-30108
- Timchenko, B.A. *see* Zakhar'yash, V.F. 1-33666
- Timinskii, Yu.V. *see* Dzhangarov, B.M. 1-17347
- Timko, J.J. Holographic study of the dispersions in technical chemistry 1-15104
- Timm, R.E. *see* Purohit, A. 1-48583
- Timm, U. *see* Berger, C. 1-5636, 1-10209
- Timm, U. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Timmer, M.R. *see* Essink, H.P.M. 1-32325
- Timmerhaus, K.D., Snyder, H.A. (editor) Advances in Cryogenic Engineering. Vol.25. Proceedings of the 1979 Cryogenic Engineering Conference 1-44718
- Timmermans, F.A.G. *see* Cornish, D.C. 1-32973
- Timmermans, J. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Timmermans, J. *see* Hammarstrom, R. 1-14739
- Timms, K. *see* Martin, S.O. 1-44925
- Timofeenko, V.V. *see* Bazhenov, V.K. 1-2867
- Timofeev, A.V. *see* Zvonkov, A.V. 1-38107
- Timofeev, B.D. *see* Belyaeva, O.V. 1-52329
- Timofeev, B.D. *see* Dashuk, A.G. 1-52307
- Timofeev, M.A. *see* Kovalev, A.S. 1-52017
- Timofeev, N.I. *see* Gol'tsov, V.A. 1-43423
- Timofeev, N.T. *see* Sveshnikova, E.B. 1-3473
- Timofeev, V.A. *see* Artemov, K.P. 1-45472
- Timofeev, V.A. *see* Bukharov, M.N. 1-49400
- Timofeev, V.B. Radiative recombination in the presence of screening of Coulomb interaction 1-12554
- Timofeev, V.B. *see* Kulakovskii, V.D. 1-52495
- Timofeev, V.N., Davidovich, D.I., Cherepanov, B.S. On the strength of foam-ceramics 1-16834
- Timofeev, V.N. *see* Grevtsev, S.N. 1-53293
- Timofeev, V.N. *see* Novikov, I.I. 1-2449, 1-2450
- Timofeev, V.P., Dudich, I.V., Volkenstein, M.V. Comparative study of dynamic structure of pig and chicken aspartate aminotransferases by measuring the rotational correlation time 1-48943
- Timofeev, V.P. *see* Gol'dfel'd, M.G. 1-17357
- Timofeev, V.V. *see* Shelkovich, N.K. 1-32462
- Timofeev, Yu.A. *see* Lakusta, K.V. 1-15376
- Timofeev, Yu.A. *see* Yakovlev, E.N. 1-30635
- Timofeev, Yu.P., Fok, M.V., Fridman, S.A. Luminescent techniques for visualization of invisible images 1-12551
- Timofeev, Yu.P., Fridman, S.A. Luminescent conversion of infrared and microwave radiation to visible light, and applications 1-12562
- Timofeev, Yu.P. *see* Goryunova, T.D. 1-28101
- Timofeeva, G.I. *see* Pavlova, S.S.A. 1-15050
- Timofeeva, G.M. *see* Berlin, A.I. 1-17898
- Timofeeva, I.I. *see* Litvinenko, V.F. 1-30416
- Timofeeva, I.I. *see* Verkhuturov, A.D. 1-43590
- Timofeeva, L.N. *see* Gusarskii, V.V. 1-16627
- Timofeeva, N.I. *see* Agafonov, M.S. 1-31329
- Timofeevskaya, O.D. *see* Krivchenkov, I.V. 1-14045
- Timokhin, A.A. *see* Bonch-Bruевич, V.A. 1-37510
- Timokhov, F.P. *see* Ptashchenko, A.A. 1-7716
- Timokhov, L. *see* Baker, D.J., Jr. 1-13562
- Timokhov, L.A. *see* Skvortsov, G.E. 1-51764
- Timokhova, M.I. Press mold for quasistatic pressing of ceramic grinding bodies 1-12693
- Timonen, J., Bullough, R.K. Breather contributions to the dynamical form factors of the sine-Gordon systems CsNiF_3 and $(\text{CH}_3)_4\text{NMnCl}_3$ (TMMC) 1-52762
- Timonin, G.D. *see* Monasevich, L.A. 1-3850
- Timonin, O.M. *see* Grigorenko, Ya.M. 1-29534
- Timonov, A.S. *see* Orlova, G.M. 1-38574
- Timopheev, E.E. *see* Uspensky, M.V. 1-44365
- Timoshchenko, V.N., L'vov, O.I. The self-similar expansion of an incompletely ionized laser plasma 1-51969
- Timoshchuk, V.I. *see* Vlasov, K.B. 1-30975
- Timoshchukin, M.I. *see* Basiev, T.T. 1-12583
- Timoshchukin, M.I. *see* Dmitruk, M.V. 1-34588
- Timoshchukin, M.I. *see* Kitaeva, V.F. 1-21221
- Timoshenko, A.P. *see* Iremashvili, D.V. 1-51019, 1-51356
- Timoshenko, B.P. *see* Bae, V.K. 1-46795
- Timoshkevskaya, V.V. *see* Chirkov, V.I. 1-21558
- Timoshvskii, A.N. *see* Nemoshkalenko, V.V. 1-25622
- Timoshevsky, A.N. *see* Nemoshkalenko, V.V. 1-20615
- Timoshin, A.S. *see* Kholina, E.N. 1-31432
- Timothy, J.G. *see* Mount, G.H. 1-4843
- Timothy, L.K. *see* Cox, B.V. 1-6722
- Timper, J., Billmann, J., Otto, A., Pockrand, I. Surface enhanced light scattering from silver electrodes: background and CN stretch vibration 1-35046
- Timpmann, K. *see* Freiberg, A. 1-23343
- Timsit, R.S. Evidence of room-temperature sintering in aluminum contacts in vacuum and in oxygen 1-16339
- Timson, W.J. *see* Benney, D.J. 1-46790
- Timucin, M. Thermodynamic properties of liquid copper-lead alloys 1-12721
- Tin-Kan Hung *see* Ting-Cheng Hung 1-53799
- Tindall, P. *see* Taylor, R.E. 1-31040
- Tindimubona, A.R. One-center expansion method with model potentials. I. Formulation and test calculations 1-41296
- Tindle, C.T., Weston, D.E., Payne, S.G. Cycle distances and attenuation in shallow water 1-11236
- Tindo, I.P. *see* Korneev, V.V. 1-36259
- Tinet, D. *see* Nicol, A.T. 1-3277
- Ting, C.H. *see* Kaiser, H.D. 1-31733
- Ting, C.S. Effect of intervalley electron-electron coupling of the cyclotron resonance line shape for electrons in the Si surface inversion layers 1-12206
- Ting, C.S., Ngai, K.L., White, C.T. Possible contributions of electron pairing (π -U) centers to the normal-state resistivity and superconductivity in nonsimple metals 1-12227
- Ting, C.S., Talwar, D.N., Ngai, K.L. Possible mechanism of superconductivity in metal-semiconductor eutectic alloys 1-20905
- Ting, C.C. *see* Jezequel, L. 1-46692
- Ting, R.N. *see* Pocock, D.N. 1-5389
- Ting, S.C.C. *see* Antreasyan, D. 1-10287
- Ting, S.C.C. *see* Barber, D. 1-14407
- Ting, S.C.C. *see* Barber, D.P. 1-534, 1-28309
- Ting Lu *see* Lu Ting
- Ting-Cheng Hung, Tin-Kan Hung, Bugliarello, G. Blood flow in capillary tubes: curvature and gravity effects 1-53799
- Ting-dong Tan *see* Tan Ting-dong
- Ting-Han Xiao *see* Xiao Ting-Han
- Ting-i Wang, Lawrence, R.S., Tsay, M.K. Optical rain gauge using a divergent beam 1-13585
- Ting-I Wang *see* Mu-King Tsay 1-44262
- Ting-Kuo Lee, Birman, J.L. Molecule adsorbed on plane metal surface: coupled system eigenstates 1-34573
- Ting-Kuo Lee, Birman, J.L. Quantum theory of enhanced Raman scattering by molecules on metals: Surface-plasmon mechanism for plane metal surface 1-39093
- Ting-Kuo Lee, Chakravarty, S. Magnetic susceptibility of the periodic Anderson model 1-20965
- Ting-sui Ge *see* Ge Ting-sui
- Ting-Wai Chiu *see* Ball, J.S. 1-23435, 1-23436
- Ting-wei Xu *see* Xu Ting-wei
- Ting-Yun Wang *see* Wang Ting-Yun
- Tingshu Li *see* Li Tingshu
- Tingsui Ge *see* Ge Tingsui
- Tinh, N.H. *see* Hardouin, F. 1-38263
- Tinh, N.H. *see* Huu Huu Tinh, N.
- Tinh Nguyen Huu *see* Nguyen Huu Tinh
- Tinka, I. Efficiency of the solution methods of the kinetics equations for steady state problems 1-744
- Tinka, I. REPAID: a computer code for analysis of reactivity accidents transients 1-28625

- Tinker, J. see Rithalia, S.V.S. 1-53920
 Tinker, L.A. see Pickett, D.F. 1-53603
 Tinkham, M. Comment on 'Observation of thermally induced potential in a superconductor' 1-12233
 Tinkham, M. see Bevk, J. 1-47825
 Tinkham, M. see Lobb, C.J. 1-50076
 Tinkham, M. see Smith, A.D. 1-20926, 1-22971
 Tin'kova, S.M. see Kutivskii, V.A. 1-16044
 Tinsland, B. see Decorat, C. 1-24205
 Tino, J. see Klimov, V. 1-19021, 1-19022
 Tino, Y., Nakaya, Y. Change of magnetization in the para-process with tension in one direction for the Fe-Ni Invar alloys 1-34915
 Tinoco, I., Jr. see Bustamante, C. 1-24355, 1-29207
 Tinsley, B.M. The evolution of galaxies: evidence from optical observations 1-9680
 Tinsley, B.M. HR diagrams of galaxies: ages and stages of evolution 1-22901
 Tinsley, B.M. Relations between nucleosynthesis rates and the metal abundance 1-32692
 Tinsley, B.M. On the interpretation of galaxy counts 1-32750
 Tinsley, B.M. Correlation of the dark mass in galaxies with Hubble type 1-36411
 Tinsley, B.M., Danly, L. On the density of star formation in the Universe 1-44678
 Tinsley Oden, J. see Bernadou, M. 1-11307
 Tinti, D.S. See Clark, S.E. 1-1265, 1-30658
 Tinti, S. Response of a harbour opened to a sea of variable depth 1-4526
 Tinyaev, V.G. see Mayurnikov, A.V. 1-48343
 Tioinno, J. see Bolini, C.G. 1-33094
 Tip, A. see Grossmann, A. 1-6221
 Tipikini, V.N. An eddy-current method of checking for leaks of water (steam) in a liquid-metal coolant 1-28646
 Tipier, F.J. Singularities from colliding plane gravitational waves 1-23079
 Tipier, F.J., Clarke, C.J.S., Ellis, G.F.R. Singularities and horizons—a review article 1-18115
 Tipier, F.J. see Marsden, J.E. 1-23072
 Tipier, H.J., Varma, R.K. The effect of prior room temperature deformation on creep rupture and cavitation of $1/2\text{Cr}-1/2\text{Mo}-1/2\text{V}$ steels of commercial and high purity 1-39401
 Tipier, H.R. see Varma, R.K. 1-8357
 Tipping, R.H. see Ogilvie, J.F. 1-37171
 Tipton, J.A. see Parker, J.D. 1-21858
 Tiran, E. Le see Le Tiran, E.
 Titranskaya, S.M., Ivashchenko, N.I. On the influence of manganese on the anodic solution of steel 55 in an electrolyte containing an oxidant 1-43588
 Tiraepgui, E. see Brachet, M.E. 1-39617
 Tirler, R. see Hanna, D. 1-41015
 Tirler, R. see Irion, J. 1-50475
 Tirmazi, S.H., Hasted, J.B. S-band E_{10} resonator for dielectric measurements 1-44957
 Tirosch, J., Catz, E. Mixed-mode fracture angle and fracture locus of materials subjected to compressive loading 1-48460
 Tirosch, J., Ladelski, A. Note on residual stresses induced by fatigue cracking 1-25363
 Tirrell, M. see Aubert, J.H. 1-11425
 Tirsikii, G.A. see Apshtein, E.H. 1-22734
 Tirsikii, G.A. see Benilov, M.S. 1-38146
 Tirsikii, G.A. Fluid-dynamic description of flows of partially ionized nonequilibrium gas mixtures in chemical equilibrium 1-29856
 Tischenko, E.A. see Zhdanov, K.A. 1-46925
 Tischenko, Z.V., Bondarenko, V.N. Investigation into heat exchange and resistance for gas flow in channels of laminar heat exchangers with corrugated finning 1-1977
 Tischhauser, J.L. Computerized nuclear material system at Sandia National Laboratories 1-18758
 Tischmeier, R. The MIS-field effect transistor as detector for acoustical surface waves and its application for interpreting its signals 1-51677
 Tischner, H., Wendler-Kalsch, E., Kaesche, H. A practical 'reference' electrode for aqueous phosphate solutions up to 300°C 1-39646
 Tishchenko, A.V. see Parriaux, O. 1-51611
 Tishchenko, A.V. see Sychugov, V.A. 1-11088
 Tishchenko, E.A. see Lazarev, V.B. 1-25067
 Tishchenko, F.M., Rattmanski, A.Yu., Karpechenko, E.A., Sdanovich, N.A., Solomka, V.A. Meter for volume of circulating blood 1-39992
 Tishchenko, G.N. see Zhukhlistova, N.E. 1-2422
 Tishchenko, L.P. see Palatnik, L.S. 1-2483
 Tishchenko, N.A. see Rogalin, V.E. 1-52134
 Tishchenko, O.A. see Pavlushkin, N.M. 1-12713
 Tishchenko, V.N. see Petrov, L.N. 1-31751
 Tishchenko, V.N. see Ponomarenko, A.G. 1-51447
 Tishin, V.G. see Alifmenkov, V.P. 1-36951
 Tishina, E.A. see Palamarchuk, V.K. 1-40234
 Tisone, G.C. see Rice, J.K. 1-29262
 Tisone, T.C. see Aita, C.R. 1-42648
 Tisseau, J., Patriat, P. Identification of magnetic anomalies from slow-spreading centres: method of fictitious rates 1-53972
 Tissot, B. see Despriaires, P. 1-31975
 Titarenko, A.G., Serebryakov, G.A., Denisov, V.V. A control criterion for the electrolysis process in the manufacture of copper powder 1-53138
 Titarenko, V.V. see Kuznetsov, V.L. 1-44153
 Titarov, S.I. see Volkov, V.A. 1-25082
 Titchmarsh, J.G. see Rosiewicz, A. 1-19439
 Titenkov, A.F. see Gusev, A.A. 1-36152
 Titko, A.I. The influences of conducting rotor shells on certain characteristics of a cryoturbogenerator 1-50137
 Titkov, A.N. see Safarov, V.I. 1-47978
 Titkov, E.F. see Volod'ko, L.V. 1-12573
 Titkova, L.V. see Vinogradov, G.V. 1-51726
 Titley, D.J., Delchar, T.A. Angle resolved scattering and electron ejection by helium metastable atoms incident on a tungsten (110) surface 1-53039
 Titley, D.J., Delchar, T.A., Johnson, P.D. The interaction of metastable helium atoms with metal surfaces 1-39206
 Titomanlio, G., Spadaro, G., La Mantia, F.P. Stress relaxation of a polyisobutylene under large strains 1-53229
 Titorov, D.B., Geras'eva, I.V. Texture transformations in Fe-3% Si alloy in the manufacture of ribbon with a rib texture 1-8328
 Titov, A.I. see Abroyan, I.A. 1-3547, 1-30009
 Titov, B.A. see Gorolov, Y.N. 1-54339
 Titov, E.A. see Baklanov, E.V. 1-51168
 Titov, E.V. see Panichkina, V.A. 1-37211
 Titov, G.A. Statistical characteristics of short-wave solar radiation with cumulus cloudiness 1-13570
 Titov, G.A. see Glazov, G.N. 1-36060
 Titov, L.A., Zyrkanov, G.K., Burkhanov, A.G. Variation of the surface (0001) α -SiC (6H) potential caused by argon ion bombardment at energies up to 1 KeV 1-43236
 Titov, L.A., Zyrkanov, G.K., Burkhanov, A.G. Change on the surface potential (0001) α -SiC (6H) caused by the annealing of defects due to the bombardment by argon ions 1-2537
 Titov, S.P., Babii, V.I., Verbovetskii, E.Kh., Zhukov, I.T., Nagnoinyi, V.K. The formation of nitrogen oxides when burning Kuznetsk 2SS coal and Donetsk GSSH coal 1-31978
 Titov, S.P. see Alekhnovich, A.N. 1-31977
 Titov, V.B., Zubin, A.B., Dzhiganshin, G.F. Structure of velocity field and temperature distribution in a cyclonic Gulf Stream ring 1-54132
 Titov, V.I. see Yelitskii, N.P. 1-35745
 Titov, V.M. see Demtsuk, A.F. 1-35533
 Titov, V.V. On the kinetics of ion-implantation-induced phase transitions 1-52284
 Titov, V.V. see Balabanov, E.I. 1-48707
 Titova, A.G. see Vlasov, K.B. 1-25746
 Titova, N.N. see Rvachev, V.P. 1-44983
 Titova, V.N. see Kuznetsov, V.V. 1-53112
 Tivovets, Yu.F., Tepitskii, D.M. Determining the geometric parameters and the energy of large-angle grain boundaries 1-31783
 Tittel, F.K., Smayling, M., Wilson, W.L., Marowsky, G. Blue laser action by the rare-gas halide trimer Kr_2F 1-37462
 Tittel, F.K. see Ernst, W.E. 1-1549
 Tittel, F.K. see Kasper, J.V.V. 1-45040
 Tittel, F.K. see Litfin, G. 1-18311
 Tittel, G. see Gaggeler, H. 1-18666
 Titterton, D.J., Kinniburgh, C.G. Calculation of LEED diffracted intensities 1-7050
 Tittle, F.K. see Kasper, J.V.V. 1-28906
 Tittmann, B.R., Clark, V.A., Richardson, J.M., Spencer, T.W. Possible mechanism for seismic attenuation in rocks containing small amounts of volatiles 1-22334
 Tittmann, B.R. see Clark, V.A. 1-22333
 Titze, I.R. Comments on the myoelectric-aerodynamic theory of phonation 1-39944
 Titze, O. see Meier, D. 1-23589
 Tiunov, Yu.A. see Dobrokhotova, V.K. 1-41712
 Tiuri, M., Schultz, H. Microwave radiation from a natural snow field 1-27218
 Tiuri, M. see Jakkula, P. 1-27315
 Tiuri, M. see Urpo, S. 1-36242
 Tiwari, P. see Drifford, M. 1-39116
 Tiwari, A.K. see Indurakha, B. 1-43743
 Tiwari, B.L., Kolbe, J., Hayden, H.W., Jr. Leaching of high-solids, attritor-ground chalcopyrite concentrate by in situ generated ferric sulfate solution 1-2645
 Tiwari, B.N. see Dubey, B.L. 1-30175
 Tiwari, G.N. see Sodha, M.S. 1-17241, 1-17242, 1-39822, 1-53664
 Tiwari, G.N. see Srivastava, A. 1-21929
 Tiwari, G.P., Hirano, K. Interrelationship between the diffusion behaviour and the phase transformation characteristics 1-12740
 Tiwari, G.P., Hoshino, K., Iijima, Y., Hirano, K. The effect of electron concentration and ionic size on diffusion in dilute alloys 1-2672
 Tiwari, G.P. see Patil, R.V. 1-16094
 Tiwari, M., Srivastava, R.N. Effects of the biquadratic-exchange interaction in Heisenberg ferromagnet 1-3134
 Tiwari, M.C. see Mehta, A.S. 1-31181
 Tiwari, M.M. see Chaturvedi, B.R. 1-47039
 Tiwari, R.N. see Rao, P.P. 1-148
 Tiwari, S.N. see Gupta, A.K. 1-43722
 Tiwary, H.V. see Sao, G.D. 1-52318
 Tiwary, S. see Singh, R.K. 1-7125
 Tixier, R. see Benoit, D. 1-3904
 Tizhovka, V.V. see Bobkova, N.M. 1-21199
 Tizhovka, Zh.S. see Bobkova, N.M. 1-21199
 Tiziani, H.J., Leonhardt, K., Klenk, J. Real-time displacement and tilt analysis by a speckle technique using $\text{Bi}_{12}\text{SiO}_{20}$ crystals 1-6511
 Tjan, T.G. see Dees, P.J. 1-40757
 Tjapkin, D. see Tosic, T. 1-2983
 Tjessem, K. On the importance of fractionation of environmental samples prior to analysis by high resolution gas chromatography 1-39698
 Tjibia, E., Wilkes, P., Kulcinski, G.L. Irradiation-induced precipitation of Al-Si alloys in the HVEM 1-52178
 Tjin, A. Dije, H.R.E. see The, P.S. 1-27493
 Tjon, J.A. Potential approach to the NN system 1-28304
 Tjon, J.A. The three and four nucleon systems (theory) 1-50581
 Tjon, J.A. see Kloet, W.M. 1-50521
 Tjon, J.A. see Simonov, Yu.A. 1-28155
 Tjon, J.A. see Zuilhof, M.J. 1-18553
 Tjong-Kie Tan, Wen-Fa Kang Locked in stresses, creep and dilatancy of rocks, and constitutive equations 1-22338
 Tjostheim, D. Autoregressive modeling and spectral analysis of array data in the plane 1-36071
 Tjuffin, Y.S. see Davies, M.E. 1-4797
 Tjurin, Y.N. Specific measurements of the thermodynamic parameters of electrolyte solutions and molecular liquids by IR-spectroscopic methods 1-29524
 Tkach, A.N. see Romaniv, O.N. 1-31506, 1-35366
 Tkach, A.V. see Vlasov, K.B. 1-30975
 Tkach, I.I. see Burq, J.P. 1-23912
 Tkach, L.N. see Dakhno, L.G. 1-40995
 Tkach, N.V. Possible physical causes of long-wave and short-wave thermal shift of the exciton peak 1-26153
 Tkach, N.V., Voroniyak, Ya.M., Nitsovich, V.M. Theoretical studies in causes of different directions of the exciton peak temperature shift in semiconductor crystals 1-42699
 Tkach, N.V. see Boichuk, V.I. 1-3357, 1-43203
 Tkach, V.I. see Volkov, L.V. 1-40685
 Tkach, Yu.V. see Kuriklo, V.I. 1-24345
 Tkach, Yu.Ya. see Chenskiy, E.V. 1-30800
 Tkachenko, A.Yu. see Berezovets, V.A. 1-34767
 Tkachenko, E.A., Sandler, V.S., Zhegina, I.P. Effect of quenching water temperature on the mechanical properties and structure of forging of alloy V93pch 1-48392
 Tkachenko, E.G. On the irregularity in doublet neutron-deuteron elastic scattering near the deuteron breakup threshold 1-33266
 Tkachenko, F.K. see Cherniy, Yu.F. 1-8304
 Tkachenko, G.I. see Dunaev, F.N. 1-7881
 Tkachenko, N.N. see Kurdymov, A.V. 1-3687
 Tkachenko, S.G., Kulakov, Yu.A. Structural combination of bronze and copper on pressure welding 1-3792
 Tkachenko, T.B. see Soldatova, E.D. 1-2612
 Tkachenko, T.I. see Koretskaya, L.S. 1-16993
 Tkachenko, V.D. see Gorodkov, V.E. 1-35482
 Tkachenko, V.D. see Pechenyi, A.P. 1-21041
 Tkachenko, Yu.B. see Barbashev, V.I. 1-25283
 Tkachenko, Yu.B. see Galkin, A.A. 1-34424
 Tkachenko, Yu.G., Kotlyarenko, L.A., Yurchenko, D.Z., Shavlovskii, E.N. Wear resistance of diffusional carbide coatings 1-8483
 Tkachenko, Yu.G. see Bovkun, G.A. 1-31679
 Tkachev, G.N. see Karlov, V.D. 1-54305
 Tkachev, V.D., Schrodell, C., Mudryi, A.V. Annealing of lattice damage in ion implanted silicon 1-11776
 Tkachev, V.D. see Erchak, D.P. 1-26015
 Tkachev, V.D. see Litvinko, A.G. 1-2510
 Tkachev, V.D. see Tarasik, M.I. 1-20765
 Tkachev, V.D. see Zhevro, A.N. 1-30663
 Tkachev, V.I. see Ponomarev, Yu.N. 1-35399
 Tkachev, V.I. see Vitvitskii, V.I. 1-26706
 Tkachev, V.V. see Atomyan, L.O. 1-7148
 Tkachik, S., Tokarski, M. Influence of the duration of the solution treatment on the course of natural ageing of the alloy AlMg5 1-31499
 Tkachov, F.V. A theorem on analytical calculability of 4-loop renormalization group functions 1-50327
 Tkachov, F.V. see Chetyrkin, K.G. 1-10072, 1-50321
 Tkachuk, M.N. see Dzhirov, R.I. 1-3300
 Tkachuk, P.N. see Blashkiv, V.S. 1-43195
 Tkaczuk, S. see Abramowicz, H. 1-45378
 Tkaczuk, W. see Karakula, S. 1-32776
 Tkalec, M., Grabaric, B.S., Filipovic, I., Piljac, I. Polarographic determination of stability constants and thermodynamic parameters of lead (II) propanoate and 2-hydroxypropanoate complexes with a computer-controlled system 1-48758
 Tkalenko, D.A. see Prisyazhnyi, V.D. 1-35552
 Tkashenko, B.K. see Volkov, V.A. 1-25082
 Tkashchew, W.D. see Glaser, E. 1-20245
 Tkhi Fan Chyong see Fan Chyong Tkhi
 Tkhi Sha Nguen see Nguen Tkhi Sha
 Tkhorik, Yu.A. see Ivashchenko, O.Yu. 1-38847
 Tkhorik, Yu.A. see Ivashchenko, V.M. 1-52651
 Tkhorik, Yu.A. see Vasilevskaya, V.N. 1-20588
 Tlamicha, A. see Urpo, S. 1-36242

- Tleimat, B.W.,** Rie, H., Laird, A.D.K., Zhao, S. Condensation film coefficients for mixtures of isobutane and isopentane 1-53550
- Ulchor, J.** see Cernoch, J. 1-48353
- Ustiy, J.** Investigation of the influence of atmosphere on laser beam propagation path 1-49386
- Tmenov, A.N.** see Zaitsevskii, I.L. 1-237
- To, C.W.S.,** Doige, A.G. The application of a transient testing method to the determination of acoustic properties of unknown systems 1-24620
- To Kar-Chun** see Kar-Chun To
- To Yue Kwok** see Kwok To Yue
- Toacsan, M.I.** see Nistor, L.C. 1-3590
- Toaff, S.** see Dado, S. 1-33206
- Toaff, S.** see Derrick, M. 1-45261
- Toan Nguyen Ky** see Nguyen Ky Toan
- Toan Thang Nguyen** see Nguyen Toan Thang
- Tobe, M.,** Amemiya, Y., Sakai, S., Umeno, M. New wavelength-demultiplexing InGaAsP/InP photodiodes 1-6681
- Tobe, M.** see Sakai, S. 1-11174
- Tobias, C.A.,** Chatterjee, A., Malachowski, M.J., Blakely, E.A., Hayes, T.L. Tracks in condensed systems 1-49079
- Tobias, C.A.** see Fabrikant, J.I. 1-43987
- Tobias, C.A.** see Routs, R. 1-8919
- Tobias, C.W.** see Cooper, J.F. 1-7336
- Tobias, M.L.** Modeling decay-heat-induced decomposition of a concrete slab 1-10477
- Tobin, G.** see Hervey, G.R. 1-48966
- Tobin, J.** see Cunningham, J. 1-39837
- Tobin, J.G.** see Davis, R.F. 1-21324
- Tobin, J.G.** see Kevan, S.D. 1-42636
- Tobin, M.S.,** Felock, R.D. Fluorom-d-f optically pumped submillimeter-wave laser 1-6543
- Tobin, P.J.,** Price, J.B., Campbell, L.M. Gas phase composition in the low pressure chemical vapor deposition of silicon dioxide 1-21357
- Tobin, W.,** Kilkenny, D. On the apparent normality of O and B stars far from the galactic plane 1-54499
- Tobinaga, M.** see Toyoda, H. 1-53319
- Tobisch, F.** Czochralski-type crystal growth system developed at the Central Research Institute for Physics 1-8212
- Tobita, M.** see Ohga, J. 1-19540
- Tobita, S.,** Shizuka, H. On the mechanism of proton-induced fluorescence quenching of aromatic compounds 1-6300
- Tobochnik, J.** see Shenker, S.H. 1-21006
- Tobolka, G.** see Feuerbaum, H.P. 1-20541
- Tobolka, G.** see Guerrero, E. 1-48550
- Toburen, L.H.,** Wilson, W.E. Secondary electron emission in ion-atom collisions 1-48961
- Toburen, L.H.** see Manson, S.T. 1-41484
- Toburen, L.H.** see Rudd, M.E. 1-10829
- Tochitskii, E.L.,** Belyavskii, N.M. Grain-boundary electron scattering effect on metal film resistivity 1-7759
- Tocho, J.O.** see Ranea Sandoval, H.F. 1-46023
- Tod, K.P.** see Newman, E.T. 1-18099
- Toda, G.** see Jyomura, S. 1-39022
- Toda, H.,** Nakagawa, Y. Field dependence of the magneto-optical effect in YIG and GdIG 1-35018
- Toda, K.,** Ikenohira, K. Highly temperature-dependent performance of a polyvinylidene fluoride Lamb wave device 1-33854
- Toda, K.,** Shinoda, Y. A technique for measuring the sound velocity difference in two liquids 1-11268
- Toda, K.,** Shinoda, Y. Liquid velocity measurement using interdigital transducers 1-38032
- Toda, M.** Elastic properties of piezoelectric PVF₂ 1-7228
- Toda, M.** On a nonlinear lattice (the Toda lattice) 1-36507
- Toda, O.** see Fukui, M. 1-39173
- Toda, S.** see Mori, M. 1-18776
- Todd, J.A.** see Herley, P.J. 1-4072
- Todd, J.F.J.,** Freer, D.A., Waldren, R.M. The quadrupole ion store (QUISTOR). XI. The model of ion motion in a pseudo-potential well: an appraisal in terms of phase-space dynamics 1-5430
- Todd, J.F.J.,** Freer, D.A., Waldren, R.M. The quadrupole ion store (QUISTOR). XII. The trapping of ions injected from an external source: a description in terms of phase-space dynamics 1-14205
- Todd, J.F.J.** see Fulford, J.E. 1-18325
- Todd, M.R.** see Christie, A.M. 1-830
- Todd, M.R.** see Rankin, D.W.H. 1-46121
- Todd, S.N.** The role of micro-processors in the safe shutdown of future gas-cooled reactors 1-23835
- Toderan, G.** Stabilizers for the filament electron emission current of an electronic impact ion source 1-28775
- Todes, O.M.** see Tarakanov, S.V. 1-29725
- Todeschini, R.,** Pitca, D., Favini, G. Conformation of bicyclo[1.0] derivatives. II. Norcarane and cyclohexene epoxide 1-41512
- Toddeide, K.** see Hilbert, R. 1-42507
- Toddeide, K.** see Schamm, R. 1-38570
- Todor Stanev** see Ellsworth, R.W. 1-49466
- Todorov, I.T.** see Molotkov, V.V. 1-49938
- Todorov, I.V.** Disperse system for thermal metal coating 1-48534
- Todorov, N.S.** Nonstationary quantum mechanics. I. Time-irreversible noninstantaneous self-reduction to a stationary state of some quantal wave packets 1-9861
- Todorov, N.S.** Nonstationary quantum mechanics. II. On the increase of entropy with time 1-36592
- Todorov, T.,** Markovski, P., Mazakova, M., Miteva, M., Razsolkov, V., Pancheva, M. Spectral characteristics of thick phase holographic gratings 1-51409
- Todorovic, M.S.,** Krstic, P.S., Georgijevic, V.J. Electrical characteristics of the graphite arc in argon flow 1-29940
- Todorovic, Z.** see Drndarevic, S. 1-40984
- Todreas, N.** see Bishop, A.A. 1-23734
- Todreas, N.** see Chiu, C. 1-23733
- Toejer, S.** see Selivanov, V.M. 1-28589
- Toennies, J.P.** see Baer, M. 1-1311
- Toennies, J.P.** see Barg, G.-D. 1-48658
- Toennies, J.P.** see Brudeyins, G. 1-47354
- Toennies, J.P.** see Drolshagen, G. 1-37299
- Toennies, J.P.** see Faubel, M. 1-1333
- Toennies, J.P.** see Gianturco, F.A. 1-46167
- Toennies, J.P.** see Held, W.D. 1-6342
- Toennies, J.P.** see Meyer, G. 1-19071
- Toennies, J.P.** see Tang, K.T. 1-46050
- Toepfer, A.,** Gross, E.K.U., Dreizler, R.M. Thomas-Fermi approach to diatomic quasimolecules: correlation diagrams for neutral, heteronuclear systems 1-24309
- Toepfer, K.-D.,** Rosenow, U. A simple function describing the absorption in platinum for dose-rate calculations around radium applicators 1-53904
- Toepfer, J.,** Bernauer, O., Buchner, H. The use of hydrides in motor vehicles 1-21937
- Tofani, G.** see Donati Falchi, A. 1-9627
- Toffield, B.C.** see Bellamy, B.A. 1-17322
- Toffield, B.C.** see Hayes, W. 1-30466, 1-43108
- Toffield, B.C.** see Newsum, J.M. 1-34334, 1-34335
- Toffield, B.C.** see Nilsson, L. 1-30179
- Tofighti, A.,** Sibieude, F. Note on the condensation of the vapor phase above a melt of iron oxide in a solar parabolic concentrator 1-7309
- Tofts, P.S.** Definitions of effective energy in computed tomography 1-49121
- Togami, Y.,** Kobayashi, K., Yanagida, I. Effect of Ar pressure on sputtered amorphous GdCo thin films 1-25586
- Togami, Y.** see Kobayashi, K. 1-12364
- Togano, K.,** Tachikawa, K. Amorphous superconductors 1-42886
- Togasi, M.** see Osamura, Y. 1-1073
- Togatov, V.V.** Measurement of carrier lifetimes in P⁺-N⁺-N⁺ structures with 'built-in' fields in the base regions 1-16356
- Togatov, V.V.** see Ashkinazi, G.A. 1-25797
- Toggweiler, J.R.** see Broecker, W.S. 1-4539
- Toggweiler, J.R.** see Yuan-Hui Li 1-27171
- Tognacca, A.** see Alberto, J.A. 1-22175
- Tognoni, G.** see Beltrame, F. 1-53950
- Togoo, R.** see Abdrakhmanov, E.O. 1-722
- Toguchi, M.** see Miyasato, T. 1-34751
- Tohara, A.,** Hirakawa, A.Y. Polarized fluorescence excitation spectra of adenines 1-6301
- Tobdoh, K.** see Nakajima, S. 1-34542
- Tobeli, T.** see Sekine, N. 1-10382
- Tohl, Y.** see Okuda, Y. 1-7832
- Tohline, J.E.** The gravitational fragmentation of primordial gas clouds 1-9594
- Tohline, J.E.,** Schombert, J.M., Boss, A.P. The effect of rotation on the hydrodynamics of stellar collapse 1-44546
- Tohline, J.E.** see Bodenheimer, P. 1-40471, 1-44538
- Tohline, J.E.** see Durisen, R.H. 1-40473
- Tohma, K.** see Fujiwara, H. 1-9993, 1-30941
- Tohma, K.** see Furuhashi, Y. 1-4668
- Tohma, T.** see Tsukagoshi, T. 1-24643
- Tohsaki-Suzuki, A.** see Ando, T. 1-41128
- Tohyama, M.** see Ohta, K. 1-14474
- Toi, K.,** Hiraki, N., Nakamura, K., Mitarai, O., Kawai, Y., Itoh, S. Observation of bulk-ion heating in a Tokamak plasma by application of positive and negative current pulses in TRIAM-1 1-6978
- Toi, K.,** Itoh, S., Kawai, Y., Hiraki, N., Nakamura, K., Mitarai, O. Confinement of ohmic and turbulent-heated plasmas in small high-field Tokamak TRIAM-1 1-19947
- Toi, K.,** Sakurai, K., Itoh, S., Matsuura, K., Tanahashi, S. Control of horizontal plasma position by feedforward-feedback system with digital computer in JIPP T-II Tokamak 1-19946
- Toi, K.,** Sakurai, K., Itoh, S., Matsuura, K., Tanahashi, S. Control of horizontal plasma position by feedforward-feedback system with digital computer in the JIPP T-II Tokamak 1-46911
- Toi, K.** see Hiraki, N. 1-34108, 1-42195
- Toi, K.** see Itoh, S. 1-19945
- Toi, K.** see Mitarai, O. 1-42163
- Toi Keio** see Keio Toi
- Toichiev, N.** see Alybakov, A.A. 1-12392
- Toiseva, F.** see Tyutikov, A.M. 1-43229, 1-53023
- Toivonen, M.** Information content in TLD: Automated control of background signals 1-962
- Toiya, T.** see Oneda, S. 1-45284
- Tojchiev, N.** see Alybakov, A.A. 1-21039
- Tojo, S.** see Hunter, O., Jr. 1-16743
- Tojiyo, E.** see Arai, S. 1-50999
- Tokaji, K.,** Ando, Z., Morikawa, K. Effect of sheet thickness on retardation behaviour of a high tensile steel 1-26608
- Tokar, E.N.,** Legostaev, V.P., Mikhailov, M.V., Platonov, V.N. Control of redundant gyroforce systems 1-50121
- Tokar, J.V.** see Gillette, J.L. 1-36993
- Tokar, J.V.** see Singer, R.M. 1-23730
- Tokar, M.Z.** see Nedospasov, A.V. 1-25036
- Tokar, R.L.** see Gurnett, D.A. 1-4737
- Tokar, S.P.,** Shao, C.-Y. Supernova in NGC 6946 1-44581
- Tokar, S.S.** T-matrix for the Mongan potential 1-45247
- Tokarcik, M.,** Sur, P. Investigation of high frequency losses in electrolytes by inductance cell method 1-50152
- Tokarev, B.Ya.** see Piguzov, Yu.V. 1-47095
- Tokarev, G.P.** see Izakson, G.S. 1-15498
- Tokarev, V.F.** see Krasnikov, N.V. 1-18370, 1-36827
- Tokarev, V.M.,** Bogovin, A.A. Experimental study of dynamic effects in bubble boiling of liquids 1-11290
- Tokarev, V.P.** see Alekseev, V.E. 1-33655
- Tokareva, A.N.** see Basov, Yu.G. 1-6565
- Tokarevskii, V.V.** see Bulkin, V.S. 1-45514
- Tokarski, M.** see Tkachik, S. 1-31499
- Tokarz, S.P.** see Tvolani, G. 1-49699
- Toki, H.,** Weiss, W. On the mass dependent quenching of magnetic transitions in nuclei 1-23593
- Toki, H.** see Yadav, H.L. 1-23595
- Toki, T.,** Hirano, S., Urano, T., Kanaji, T. Preliminary experiment on mode-C operation of a three grid modulated B-A gauge 1-28001
- Toki, W.** see Antreasyan, D. 1-10287
- Tokieda, K.** see Matsumoto, N. 1-18718
- Tokiguchi, K.,** Sakudo, N., Suzuki, K., Kanomata, I. Plasma uniformity of microwave ion sources 1-6974
- Tokita, M.,** Haga, E. NMR linewidth of Au¹⁹⁷ in gold metal 1-47962
- Tokita, N.** see Raju, M.R. 1-43907
- Tokita, T.** see Hayashi, K. 1-26167
- Tokmakov, V.S.,** Moish, Yu.V., Astashkin, Yu.S., Silanov, Yu.V., Skirobok, V.K. Fluoroscopic method of studying flows in opaque media 1-15558
- Tokmakov, V.V.,** Krotov, I.I., Vanyukov, A.V. Mass transfer of cadmium telluride in the system CdTe-halogen-H₂ 1-7395
- Tokmakov, V.V.** see Krotov, I.I. 1-7312
- Tokman, I.D.** see Genkin, G.M. 1-26179, 1-52796
- Tokoi, H.,** Ozaki, N., Harada, I. Measurements of velocity profiles of gas in a rapidly rotating cylinder 1-15497
- Tokousalides, P.** see Chrysoschos, J. 1-26272
- Tokovinin, A.A.** The effect of turbulence on the stellar interferometer operation 1-22686
- Tokovinin, A.A.,** Shcheglov, P.V. Achieving high resolution in Earth-based optical astronomy 1-4779
- Tokoyo, N.** see Miyazaki, K. 1-37592
- Tokson, M.N.** see Taylor, S.R. 1-4477
- Toktarov, K.A.** see Pavlova, N.N. 1-28377
- Tokuda, M.** see Nagata, K. 1-48676
- Tokuda, M.** see Nakahira, M. 1-29403
- Tokuda, M.** see Ohashi, Y. 1-26539
- Tokuda, N.** A variational approach to the polaron problem 1-12045
- Tokuda, N.** Strong-coupled polarons via the deformation potential 1-12049
- Tokuda, N.** see Fukushima, M. 1-45770
- Tokuda, N.** see Terada, S. 1-14415
- Tokuda, S.** see Naitoh, H. 1-38140
- Toku, I.,** Iwai, M. Formation of NH(A³Π, c¹Π) by the electron impact dissociation of ammonia 1-14858
- Tokumaru, Y.,** Okushi, H. DLTS measurement on Au-doped Si p⁺n junctions and its computer simulation 1-47554
- Tokumaru, Y.** see Okushi, H. 1-42716
- Tokumoto, H.,** Ishiguro, T., Kajimura, K. Ultrasonic hole-burning of acceptors in germanium 1-15964
- Tokumoto, H.,** Mansfield, R., Lea, M.J. Correlation effect in variable range hopping in n-InSb 1-12131
- Tokumoto, H.,** Tokumoto, M., Ishiguro, T. Photoacoustic spectra of semiconductors in the strong absorption region 1-47174
- Tokumoto, M.** see Tokumoto, H. 1-47174
- Tokumura, M.** see Miyasato, T. 1-16443, 1-34751
- Tokunaga, A.T.** see Telesco, C.M. 1-54371
- Tokunaga, A.T.** see Thronson, H.A., Jr. 1-44533
- Tokunaga, F.** see Iwata, T. 1-48956
- Tokunaga, F.** see Tsuda, M. 1-8863
- Tokunaga, K.** see Miyamoto, T. 1-36078

- Tokunaga, M.** Light scattering spectra of a polarization relaxational mode-acoustic phonon coupled system 1-39111
- Tokunaga, M., Kasahara, M., Tatsuzaki, I.** Temperature dependences of light scattering spectra in mixed crystals $\text{KH}_{2(1-x)}\text{D}_{2x}\text{PO}_4$ 1-39117
- Tokunaga, M., Nakano, Y., Takahai, K., Noguchi, Y., Nagai, H., Nawata, K.** Effect of cavity length on 1.55 μm buried-heterostructure DH laser characteristics 1-51479
- Tokunaga, M., Tatsuzaki, I.** Polarization fluctuation spectra in KDP type ferroelectrics studied by light scattering 1-48101
- Tokunaga, M.** see Nakano, Y. 1-15185
- Tokunaga, M.** see Sawafuji, M. 1-26221
- Tokunaga, M.** see Tanaka, H. 1-39031
- Tokunaga, O.** see Suzuki, N. 1-4230
- Tokunaga, T.** see Kadomatsu, H. 1-7826, 1-38927
- Tokuoka, T.** Thermodynamical derivation of elastic-plastic constitutive equations for large deformation 1-2555
- Tokuoka, T.** Thermodynamical deduction of constitutive equations of a plastic material with combined work-hardening 1-33901
- Tokuoka, T.** Waves in elastic composite materials with inextensible rigid fibers and their bucklings 1-34417
- Tokuoka, T.** Weak and short waves in one-dimensional inhomogeneous nonlinear elastic materials 1-37662
- Tokuoka, T., Kusunoki, H.** Waves in elastic liquid crystals 1-42294
- Tokura, Y., Koda, T.** Exciton spectroscopy of anthracene crystal 1-16236
- Tokura, Y., Koda, T., Hirabayashi, I., Nakada, S.** Surface exciton polariton in ZnSe 1-38825
- Tokura, Y., Koda, T., Nakada, I.** Anderson transition in vibronic exciton bands of isotopically mixed naphthalene crystals 1-48108
- Tokura, Y., Mitani, T., Koda, T.** Optical spectra of monomeric and polymeric diacetylene crystals in the synchrotron radiation region of 1-20 eV 1-8085
- Tokura, Y.** see Mitani, T. 1-8088
- Tokutaka, H.** see Nishimori, K. 1-26319
- Tokuyama, M.** On the theory of fluctuations around non-equilibrium steady states. A generalized time-convolutionless projector formalism 1-177
- Tokuyama, T.** see Miyao, M. 1-2480
- Tokuyama, T.** see Saitoh, T. 1-4180
- Tol, M.W.** see Van Tol, M.W.
- Tolba-Sallam, M., Dessieux, R., Cizeron, G.** Phenomena occurring during the first stages of the sintering of iron-manganese compacts under inert atmosphere 1-39265
- Tolbanov, O.P.** see Khudkov, S.S. 1-47740
- Tole, J.R., Young, L.R., Oman, C.M., Weiss, A.D.** An instrumentation system for clinical vestibular testing [including eye movements analysis] 1-13341
- Toler, O.E., Grey, D.S.** Simulation model for infrared imaging systems 1-24521
- Tolfree, D.W.L.** see Tait, N.R.S. 1-21817
- Tolikas, D.K.** see Tolikas, P.K. 1-44225
- Tolikas, P.K., Tzimopoulos, C.D., Tolikas, D.K.** A simple analytical solution for horizontal absorption of water by soils for exponential soil water diffusivity 1-44225
- Tolk, N.H., Feldman, L.C., Kraus, J.S., Morris, R.J., Traum, M.M., Tully, J.C.** Optical radiation from electron-stimulated desorption of excited particles 1-33420
- Tolk, N.H.** see Kelly, R. 1-39162
- Tolkachev, A.M., Manzheli, V.G., Azarenkov, V.P., Ezhovskii, A., Kosobutskaya, E.A.** Thermal expansion of crystals of the N_2 type 1-30419
- Tolkachev, A.M.** see Ezhovskii, A. 1-30427
- Tolkachev, M.D.** see Sokolov, V.N. 1-45085
- Tolksdorf, W.** see Balestrino, G. 1-12440
- Tollborn, L.R.** see Amerino, D.B. 1-18849
- Toller, M.** Geometric field theories with a given set of constant solutions 1-427
- Tolliver, J.S.** see Powell, G.L. 1-20463
- Tolmach, I.M.** see Sipivly, B.N. 1-19986
- Tolmachev, A.G.** see Maidanik, V.N. 1-10420
- Tolmachev, A.G.** see Zvonarev, A.K. 1-5837
- Tolmachev, A.I.** see Babenko, V.A. 1-51500
- Tolmachev, E.M.** Internal relaxation in phase interaction in a dispersed system 1-13041
- Tolmachev, G.N.** see Mikhailovskii, V.S. 1-33668
- Tolmachev, S.T.** Calculating quasi static fields in media with hysteresis 1-12357
- Tolmachev, V.I.** see Antipov, A.B. 1-24161
- Tolmachev, V.V., Nikiforovich, E.I.** Electrostatic mechanism of charging of bodies with corner points in external electrostatic fields. The electrostatic analog of the Zhukovskii-Chaplygin condition 1-24314
- Tolmachev, Yu.A., Fogel, D.** Measurement of the rate constant for Penning ionization of cesium atoms by $\text{He}(2^1\text{S})$ atoms at thermal energies 1-33552
- Tolmachev, Yu.A.** see Piotrovskii, Yu.A. 1-2143
- Tolmacheva, A.V.** Formation of artificial periodic inhomogeneities in a magnetoactive ionospheric plasma 1-32581
- Tolman, E.L., Driskell, W.E., Coryell, E.W.** Fuel rod stored-energy estimates for the LOFT LOCA tests 1-5948
- Tolnai Jakobly, I., Orlovits Schnera, H.** Colour test of sleazy textile-fibres 1-14166
- Tolner, H.** see Poorter, T. 1-42909
- Tolochko, B.P.** see Forgacs, P. 1-52085
- Tolok, I.V.** see Kulagin, N.A. 1-52129
- Tolok, V.K.** see Novikov, N.N. 1-21638
- Toloknova, T.A.** see Natanson, G.A. 1-32488
- Tolpygo, K.B.** see Beshpalova, S.V. 1-35741
- Tolpygo, K.B.** see Sribnaya, V.K. 1-2889
- Tolpygo, K.B.** see Zaretski, G.A. 1-34432
- Tolpygo, S.K., Tulin, V.A.** Anomalous impedance of a superconductor in the resistive state due to HF irradiation 1-20893
- Tolpygo, S.K.** see Beshpalova, S.V. 1-35741
- Tolstaya, M.A., Chizhik, S.P., Khokhlacheva, N.M., Shilovskaya, M.E., Grigor'eva, L.K.** Capillary infiltration of high-porosity nickel strips by lead 1-39283
- Tolstaya, M.A.** see Khokhlacheva, N.M. 1-39275
- Tolstikov, Y.V.** see Ivanov, E.V. 1-44297
- Tolstobrov, V.I.** see Belous, V.M. 1-23350, 1-28108
- Tolstoi, M.N.** see Trukhin, A.N. 1-42824, 1-43178
- Tolstoi, V.P.** see Kuznetsov, G.N. 1-48079
- Tolstopyatov, O.I.** see Bykovskii, Yu.A. 1-24535
- Tolstopyatov, R.V.** see Chernyavskii, A.N. 1-3999
- Tolstoy, V.N.** see Asherova, R.M. 1-50552
- Tolstoy, V.N.** see Berezin, F.A. 1-33130
- Tolstunov, V.L.** see Potebnya, Yu.M. 1-53371
- Tolstych, W.P.** see Glaser, E. 1-20245
- Tolubinskii, V.I., Domashev, E.D.** Crisis of heat emission accompanying boiling in bundles of rods 1-1810
- Tolun, P.** see Allasia, D. 1-23495
- Tolutis, R.** RF response due to magnetoplasma anisotropy 1-7651
- Tolutis, R.B.** see Burnieka, J.P. 1-20794
- Tolutis, R.B.** see Pozhela, Yu.K. 1-18254
- Tom, C.** see Grube, G.W. 1-11249
- Tom, J.L.** see Awaschom, M. 1-8988
- Tomaciello, R.** see Colozza, C. 1-8704
- Tomaello, P.** Hewlett-Packard laser beam interferometer 5526A 1-44990
- Toman, W.I., Duffy, R.B., Catton, I.** Multidimensional aspects of reflow in a scaled PWR model 1-50807
- Tomanek, D.** see Suck, J.-B. 1-30341
- Tomanov, V.P.** Evolution of the size and shape of cometary orbits in the presence of a resistive medium 1-13732
- Tomantschger, K.** see Kordesch, K.V. 1-49918
- Tomar, V.S., Natarajan, N.S., Prasad, M., Kishan, H., Chari, M.S.R.** Microwave induced current steps on current voltage characteristics of externally irradiated solder blob junctions 1-52716
- Tomaras, T.** see Georgi, H. 1-45227
- Tomaru, S., Yasu, M., Kawachi, M., Edahiro, T.** VAD single mode fibre with 0.2 dB/km loss 1-33835
- Tomaru, S.** see Edahiro, T. 1-24539
- Tomaru, S.** see Kawachi, M. 1-33833
- Tomasa, A., Brossard, L., Guittard, M., Laurelle, P.** Disordered cations in pseudo spinels Fe_2S_4 ($\text{R}=\text{Yb, Lu, Sc}$) 1-25241
- Tomasa, A., Guittard, M.** Crystal chemistry of mixed chromium-erbium sulphides 1-30184
- Tomasa, A.** see Lirkorman, A. 1-20147
- Tomasek, M., Pick, S.** On surface states of the $\text{LaB}_6(001)$ face 1-20847
- Tomasetta, L.R.** The evolution from components to integrated optoelectronics circuits 1-41880
- Tomasetta, L.R.** see Liu, Y.Z. 1-33052
- Tomashchuk, P.** see Rivin, B.D. 1-49174
- Tomashchuk, Yu.V.** see Antipenko, B.M. 1-6560
- Tomashchuk, A.K.** see Bil'ko, M.I. 1-293
- Tomashik, V.N.** see Tomashik, Z.F. 1-42511
- Tomashik, Z.F., Oleinik, G.S., Tomashik, V.N.** The phase diagram of the PbSe-CdSe system 1-42511
- Tomashov, V.N.** see Bashkin, A.S. 1-33672
- Tomashpolsky, Yu.Yu., Sevostianov, M.A.** Epitaxial ferroelectric films 1-20577
- Tomasi, J.** see Cimiriaglia, R. 1-18996, 1-28955
- Tomasi, J.** see Ghio, C. 1-19026, 1-19027
- Tomasi, J.** see Miertus, S. 1-45877
- Tomasi, P.** see Fanti, C. 1-36424
- Tomasiak, J.** see Rajczyk, E. 1-23164
- Tomasin, G.** see Adamovich, M.I. 1-45317
- Tomasin, G.** see Fiorino, A. 1-50583
- Tomasko, M.** see Herten, D.M. 1-22715
- Tomasko, M.G.** Preliminary results of polarimetry and photometry of Titan at large phase angles from Pioneer 11 1-40410
- Tomasko, M.G., McMillan, R.S., Doose, L.R., Castillo, N.D., Dilley, J.P.** Photometry of Saturn at large phase angles 1-40404
- Tomason, A.A.** see Pomarev, V.S. 1-48762
- Tomassetti, G., Ambrosini, R., Caporioni, M., Steffe, G.** Efficiency measurements and time evolution of anomalous propagation in X-band 1-22394
- Tomassini, C.** Objective classification technique in Meteosat image data processing 1-4663
- Tomasson, J.** see Sakai, H. 1-22365
- Tomaszewski, H., Radziszewska-Kepka, E.** Investigation of effect of technological parameters on light transmittance of corundum ceramics 1-53307
- Tomaszkiewicz, I.** see Randzio, S. 1-18231
- Tomboulis, E.** Renormalizability and asymptotic freedom in quantum gravity 1-23096
- Tombrello, T.A.** see Donovan, T.M. 1-31219
- Tombrello, T.A.** see Russell, I.V. 1-54404
- Tomchakov, V.K.** see Didenko, A.N. 1-48191
- Tomchinskii, V.Yu.** see Dzhibuti, R.I. 1-33272
- Tomchuk, E.** see Dong, R.Y. 1-43020
- Tomczuk, Z., Anderson, K.E., Vissers, D.R., Roche, M.F.** Evaluation of high temperature LiAl/TiS cells 1-17189
- Tome, C.N.** see Migoni, R. 1-5248
- Tomic, P.** see Girt, E. 1-34493
- Tomidokoro, G.** see Araki, M. 1-42089
- Tomilin, M.G.** see Lebedev, V.I. 1-1677
- Tomilin, O.B.** see Stankevich, I.V. 1-33582
- Tomilo, Z.M.** Thermophysical properties of scandium-titanium alloys 1-52540
- Tomilov, F.Kh., Zemlyanikov, Yu.V.** Dependence of the Bauschinger effect on strain history 1-26546
- Tomimitsu, H.** Neutron diffraction topographic observation of the $\{100\}$ -layer substructure in a Cu-5\% Ge single crystal 1-52127
- Tomimura, A., Haines, M.G.** Electron temperature spatial oscillations and the electrothermal instability in the diffuse pinch 1-34073
- Tomim, V.I., Nemkovich, N.A., Mateiko, V.I.** Influence of electrolytes on luminescence spectral properties of dye solutions 1-46334
- Tomim, V.I.** see Nemkovich, N.A. 1-35095
- Tomina, A.** see Yazaki, T. 1-15304, 1-15573
- Tomina, G.** see Saito, Y. 1-47386
- Tomina, K.** see Yamaguchi, O. 1-48309
- Tomina, S., Nayatani, Y., Nagata, S.** Analysis of response curves using singular-value decomposition and its application to radiation spectra 1-5093
- Tomina, S., Nayatani, Y., Nagata, S.** A method for automatic interpolation of response curves and its application to processing radiation spectral data 1-23400
- Tomina, T.** see Evans, D.F. 1-47268
- Tomina, Y., Udagawa, M., Ushioda, S., Nakamura, T., Urabe, H.** Hypersonic dispersion in tetragonal BaTiO_3 measured by double-axis Brillouin spectroscopy and determination of dielectric constant 1-48104
- Tomina, Y., Urabe, H.** E-mode Raman spectra and hydrogen bonds in paraelectric KH_2PO_4 1-39080
- Tomio, L., Adhikari, S.K.** Iterative solution of multichannel three-body equations 1-18652
- Tomio, K.** see Matsui, A. 1-12645
- Tomis, L.** Bi-colour pyrometer with polarizing filtration 1-27986
- Tomisaka, K., Habe, A., Ikeuchi, S.** Missing supernova remnants 1-44618
- Tomishima, Y.** see Ozaki, J. 1-10642
- Tomiska, J.** Discussion of approximation formulas for thermodynamic excess functions with special regard to best fit of mass spectrometric data on metal alloys 1-16062
- Tomiska, J.** A new technique for the determination of vapour pressures by the Knudsen effusion method 1-50295
- Tomita, H., Murakami, C.** Statics and dynamics of metastability 1-7291
- Tomita, K.** Entropy perturbations in low-density universe models 1-54675
- Tomita, K., Daido, H.** Possibility of chaotic behaviour and multi-basins in forced glycolytic oscillations 1-4078
- Tomita, K., Tsuda, I.** Towards the interpretation of Hudson's experiment on the Belousov-Zhabotinsky reaction: Chaos due to delocalization 1-35503
- Tomita, K.** see Kai, T. 1-40703
- Tomita, Y., Jotaki, T., Hayashi, H.** Wakefile motion of particulate slugs in a horizontal pneumatic pipeline 1-51851
- Tomita, Y., Nakagawa, K., Asakura, T.** Fibrous radial structure of speckle patterns in polychromatic light 1-6461
- Tomita, Y., Nakagawa, K., Asakura, T.** Contrast of polychromatic speckle patterns with non-Gaussian statistics 1-6465
- Tomita, Y., Nakagawa, K., Asakura, T.** The contrast variation of polychromatic speckle patterns at the far-field diffraction plane 1-6504
- Tomita, Y.** see Kitagawa, H. 1-1838
- Tomita, Y.** see Momota, H. 1-6000
- Tomita, Y.** see Nakagawa, K. 1-41580
- Tomita, Y.** see Shirakashi, M. 1-11387
- Tomita, Y.** see Tachi, S. 1-13349
- Tomiyama, T.** see Shimizu, T. 1-46984
- Tomiyasu, K.** Conceptual performance of a satellite borne, wide swath synthetic aperture radar 1-49418
- Tomizawa, T.** see Inohara, K. 1-50900
- Tomkiewicz, M.** Surface states on chemically modified TiO_2 electrodes 1-34764
- Tomkiewicz, Y.** EPR of organic conductors 1-42998

- Tomkiewicz, Y., Taranko, A.R., Torrance, J.B. *g*-value decomposition of magnetic susceptibility in tetrafluorovalene- and hexamethylenetetrafluorovalene-tetracyanoquinodimethane (TTF-TCNQ and HMTTF-TCNQ) 1-12256
- Tomkiewicz, Y. see Chaikin, P.M. 1-47624
- Tomkiewicz, Y. see Torrance, J.B. 1-25734
- Tomkin, J. see Branch, D. 1-22850
- Tomkin, J. see Hinkle, K.H. 1-49683
- Tomkins, B. see Ashby, M.F. 1-31663
- Tomkins, B. see Johnson, R. 1-39543
- Tomkins, F.S., Drapcho, D., Mahon, R. Effect of astigmatism on frequency tripling 1-41782
- Tomkins, F.S. see Cardon, B.L. 1-28921
- Tomkins, F.S. see Gordon, W.R.S. 1-10685
- Tomkins, J.L., Mast, P.K. LACOBRA/LAFM analysis of TREAT test H6 1-5963
- Tomkins, R.P.T. see Janz, G.J. 1-50104
- Tomlin, D.H. An electrical network analogue of vibrations of a lattice 1-40636
- Tomlinson, A., Schoessler, J., Andrasco, G. The effect of varying prism and truncation on the performance of soft contact lenses 1-27028
- Tomlinson, A.I. see Vines, R.G. 1-44279
- Tomlinson, E.T., Rhoades, W.A. Evaluation of flux extrapolation models for discrete ordinates shielding analysis 1-18714
- Tomlinson, G.R. An analysis of the distortion effects of Coulomb damping on the vector plots of lightly damped systems 1-11342
- Tomlinson, R.D. see Flinn, E.A. 1-16630
- Tomlinson, R.D. see Loschke, K. 1-8031
- Tomlinson, R.D. see von Bardeleben, H.J. 1-34929
- Tomlinson, R.E. see Condotta, D.L. 1-18850
- Tomlinson, W.J. see Smith, P.W. 1-46428
- Tomljenovic, I. International system of units-SI 1-14091
- Tommasino, L., Zapparo, G., Griffith, R.V. Electrochemical etching. Mechanisms 1-51056
- Tommasino, L., Zapparo, G., Griffith, R.V., Mattei, A. Electrochemical etching. II. Methods, apparatus and results 1-51057
- Tomoia, R. Considerations on pre-arc phenomena in ultra-high speed and high breaking capacity fuses 1-15662
- Tomonaga, G. see Kagiwama, M. 1-43995
- Tomota, Y., Kuroki, K. On the Bauschinger effect in two-ductile-phase steels 1-16849
- Tomota, Y., Nakamura, S., Kuroki, K., Tamura, I. On the average internal stresses in each constituent phase in plastically deformed two-ductile-phase alloys 1-26555
- Tomov, I.V., Fedosejevs, R., Richardson, M.C. Ultrashort pulse generation in lasers with active mode locking 1-33728
- Tomov, I.V. see Lyutskanov, V.L. 1-15179
- Tomov, T. see Asenov, S. 1-16512
- Tomozawa, M. see Bando, Y. 1-31935
- Tomozawa, M. see Kelly, J.E., III. 1-2678, 1-20446
- Tomozawa, M. see Kerwawycz, J.P. 1-3423
- Tomozawa, M. see Oka, Y. 1-31698
- Tomozawa, M. see Takamori, T. 1-30440
- Tomozawa, M. see Takata, M. 1-42568
- Tomozawa, Y. Note on the Fried-Yennie Gauge 1-23404
- Tomozawa, Y. Radiative corrections to parapositronium decay 1-24290
- Tomozawa, Y. Proton decay rate 1-40992
- Tomozawa, Y. Neutrino mass in the SO(10) grand unified gauge model 1-50355
- Tomozov, A.P., Andreev, G.B., Lutsik, V.A., Schchagin, A.V. Investigation of vector analyzing power of the reactions $^{26}\text{Mg}(\text{d,p})^{25}\text{Mg}$ and $^{26}\text{Mg}(\text{d,pol,d})^{26}\text{Mg}$ in the interval of deuteron energies 1.8-3.0 MeV 1-33254
- Tomozov, A.P. see Andreev, G.B. 1-5770
- Tompa, K. see Bakonyi, I. 1-12417
- Tompa, K. see Cziraki, A. 1-2340
- Tompa, K. see Cziraki, A. 1-25166
- Tompkins, D.R., Jr., Rodney, P.F. Possible photographic observations of ball lightning 1-4588
- Tompkins, J. see Partridge, R. 1-10207, 1-18483
- Tompkins, W.J. Modular design of microcomputer-based medical instruments 1-49145
- Tompkins, W.J. see Kim, Y. 1-32270
- Tompkins, W.J. see Thakor, N.V. 1-32285
- Tompkins, C.W. see McCarthy, C.M. 1-30915, 1-38936
- Tompon, K.M. see Godwin, C.I. 1-32436
- Toms, D.J. Interacting twisted and untwisted scalar fields in a nonsimply connected spacetime 1-36556
- Toms, D.J., Tantila, W.H. Nonlinear excitations in a Lennard-Jones solid 1-30662
- Toms, D.J. see Scott, J.F. 1-48048
- Toms, D.W. Microprocessor controlled pH/conductivity measuring system for low conductivity feedwaters 1-27944
- Tomsinski, V.S. see Ivanov, A.S. 1-43498
- Tomson, A.S. see Saburova, T.N. 1-11746
- Tomura, T., Van Lancker, J.L. DNA repair of UV-damage in heterochromatin and euchromatin of rat liver 1-8920
- Tonchev, N.S., Brankov, I.G. On the s - d model for coexistence of ferromagnetism and superconductivity 1-25829
- Tonchev, N.S., Uzunov, D.I. Renormalisation-group treatment of systems with superconducting and other orderings in a magnetic field 1-34830
- Tonchev, N.S. see Bushev, M.K. 1-30354
- Tonder, K. Simulation of the lubrication of isotropically rough surfaces 1-29629
- Tonder, K. Numerical investigation of the lubrication of doubly periodic unit roughnesses 1-48524
- Tonder, K. see Prakash, J. 1-43541
- Tondeur, F. Shell structure and stability of nuclei with $270 < A < 500$ and the possible existence of primordial superheavy nuclei 1-674
- Tone, Y. see Makino, M. 1-45702
- Toneev, V.D. see Aksienko, V.D. 1-18662
- Toneev, V.D. see El-Naghy, A. 1-18680
- Toneeva, G.P. see Abdrahmanov, E.O. 1-722
- Toneeva, G.P. see Dzhuukhadze, S.V. 1-36889, 1-36891
- Tonegawa, T. see Harada, I. 1-7828
- Tonejc, A. Phase diagram and some properties of Cu_{2-x}Se ($2.02 \geq x \geq 1.75$) 1-35242
- Tonelli, G. see Bellazzini, R. 1-51061
- Tonelli, M. see Di Lieto, A. 1-51445
- Toneman, L.H. see Reijnhart, R. 1-13194
- Toner, J., Nelson, D.R. Smectic, cholesteric, and Rayleigh-Benard order in two dimensions 1-34231
- Toner, W.T. see Gray, D. 1-29917
- Toner, W.T. see Gray, D.R. 1-19961, 1-29916
- Toneva, A., Yordanov, C.P. On the analysis of the thermoelectric power of tin telluride at 100K 1-16305
- Toneva, A. see Dimitrova, S. 1-42801
- Tong, J.P.K. see Anderson, A. 1-20134
- Tong, S.S.C. see Tsong, I.S.T. 1-30488
- Tong, S.Y. see Kang, W.M. 1-12638
- Tong, T.C., Sankar, A. Transient scattering from curved thin wires by the finite element method 1-1463
- Tong, T.W., Tien, C.L. Resistance-network representation of radiative heat transfer with particulate scattering 1-15371
- Tong Choi Chang see Chang Tong Choi
- Tong Fei-Ming see Fei-Ming Tong
- Tong Leong Lim see Kassam, S.A. 1-5292
- Tong Pin see Pin Tong
- Tong Zhang see Zhang Tong
- Tong-gao Tang see Tang Tong-gao
- Tong-Hoon Kim see Se Yong Oh 1-12927
- Tong-Hua Yang see Yang Tong-Hua
- Tong-Suk Yun, Sung-Soo Kim Kinetics of iron oxide reduction by hydrogen and carbon monoxide 1-17025
- Tonge, K.A., Wright, C.H., Mathew, J., Leach, R.D., Saunders, J.E. Flow rate determination using computed tomography 1-49101
- Tongren Guan see Guan Tongren
- Tongwu Zhao see Zhao Tongwu
- Tonin, M. see Aoyama, S. 1-45120
- Tonin, M. see Bonora, L. 1-28236
- Toniolo, D. see Fasoli, U. 1-1047
- Tonkelaar, J.F. Den see Den Tonkelaar, J.F.
- Tonkonogoy, J.M., Biber, C.L. Recognition of filtered, incomplete and overlapping patterns in patients with visual agnosia and hallucinations 1-53794
- Tonkov, M.V. see Dokuchaev, A.B. 1-33511
- Tonks, D.L. Small-polaron theory of phonon-assisted defect tunneling with quadratic defect-lattice coupling: an exact result 1-34445
- Tonner, B.P., Plummer, E.W. Design criteria and performance of a toroidal grating monochromator 1-24482
- Tonner, P.D., Simmons, J.G. Experimental technique for determining surface potential as a function of gate voltage of a MOS capacitor 1-16382
- Tonomura, A. Measurement of magnetization distribution by means of electron holography 1-21015
- Tonry, J. see Garcia, M. 1-4996
- Tonsfeldt, S.A., Clegg, T.B., Ludwig, E.J., Tagishi, Y., Wilderson, J.F. J-dependent effects in tensor analyzing powers for the (d,α) reaction 1-28457
- Ton'shin, A.M., Spektor, V.N. Method of making cylindrical polymer specimens for X-ray powder cameras 1-15757
- Tontegode, A.Ya. see Abdullaev, R.M. 1-31911
- Tonutti, M. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Tonutti, M. see Dorfan, J.M. 1-41020
- Tonutti, M. see Himel, T.M. 1-18482
- Tonutti, M. see Scharre, D.L. 1-18485, 1-45292
- Tonwar, S.C. see Gopalakrishnan, N.V. 1-13650
- Too, J.R., Fan, L.T., Rubison, R.M., Lai, F.S. Applications of nonparametric statistics to multicomponent solids mixing 1-20400
- Toofan, M., Gibbs, P.A. Concentration dependence of the ionic energy of transfer of NaCl from D_2O to H_2O 1-21758
- Toole, G. see Koepke, K. 1-51008
- Toole, J. see Millard, R. 1-4645
- Toole, J.M. see Horne, E.P.W. 1-32542
- Tooma, N.D. see Ammar, A.S.A. 1-16442
- Toombs, G.A. Non-linear partial differential equations in physics. I. Earlier progress 1-40658
- Toomre, A. Interacting systems 1-9677
- Toomre, J. see Hathaway, D.H. 1-4760
- Toon, O.B., Pollack, J.B. Atmospheric aerosols and climate 1-13501
- Toon, O.B., Turco, R.P., Pollack, J.B. A physical model of Titan's clouds 1-40383
- Toon, O.B. see Herten, D.M. 1-22409
- Toon, O.B. see Pollack, J.B. 1-17785
- Toong, T.Y. see Abouseif, G.E. 1-51789
- Toor, A.R. see Moiseev, S. 1-51747, 1-51749
- Toorn, P. van see van Toorn, P.
- Tooth, A.S., Wilson, J.D. A study of the saddle stresses arising from the support of a cylindrical vessel 1-24759
- Toothman, E.H. Tumbler noise reduction: the close-fitting acoustic enclosure 1-6716
- Topa, V. see Ioan, A. 1-3445
- Topaz, Zh.R. see Baranov, S.M. 1-3926
- Topchiev, N.P. see Gusev, V.N. 1-36141
- Topchiyan, L.E. see Gavrilenco, T.P. 1-24832
- Topchyian, L.S. see Naskidashvili, A.I. 1-20273
- Topgi, R.S. see Murty, P.S.N. 1-17582
- Topgi, R.S. see Paropkari, A.L. 1-17581
- Topik, B. see Aleksandrova, I.P. 1-7969
- Topilin, V.V., Tsvetkova, K.V. Effect of magnesium and carbon on the ductility of alloy KhN56VMYU 1-48434
- Topiol, S., Osman, R. On the use of minimal valence basis sets with the coreless Hartree-Fock effective potential 1-37099
- Topiol, S. see Moskowicz, J.W. 1-51133
- Topliss, W.E. see Trampczynski, W. 1-21676
- Topol, I.A., Chesniy, A.S., Kovba, V.M., Stepanov, N.F. Electron spectra and one-electron properties of the WOCl_4 , WSCl_4 and WOBr_4 molecules 1-28872
- Topol, I.A., Stepanov, N.F., Kovba, V.M. Electronic structure and electronic absorption spectra of molybdenum and tungsten oxotetrachlorides 1-19030
- Topol, I.A., Stepanov, N.F., Kovba, V.M. Experimental and theoretical study of the electronic spectra of molybdenum and tungsten oxotetrachlorides 1-24038
- Topol, I.A. see Dement'ev, A.I. 1-14812
- Topolskii, V.G., Shirokovskii, V.P. Quasi-relativistic approximation in calculations of electron spectra of crystals by Green's function method 1-34671
- Topolsky, J. see Groner, R. 1-1020
- Toporishchev, G.A. see Buler, P.I. 1-17071
- Toporoff, B. see Lai-Fook, S.J. 1-22025
- Toporov, Yu.P. see Derjaguin, B.V. 1-16670
- Toporov, Yu.P. see Muller, V.M. 1-24868
- Toporowicz, M. see Morales, R.G.E. 1-45984
- Toporowski, P.M. see Roovers, J. 1-38573
- Topp, G.C., Davis, J.L., Annan, A.P. Electromagnetic determination of soil water content: measurements in coaxial transmission lines 1-17710
- Topp, K. see Loosemore, G.R. 1-31775
- Topp, M.R. see Kee-Ju Choi 1-51513
- Topper, T.H. see Conle, A. 1-21673
- Toppygin, D.D. see Baev, V.M. 1-5412
- Toppygin, I.N. see Bykov, A.M. 1-36123
- Topuridze, M.V. see Abdrahmanov, E.O. 1-722
- Topuriya, T.P. see Batyunya, B.V. 1-600
- Topuriya, T.P. see Boos, E.G. 1-5661
- Topuz, E., Felsen, L.B. High-frequency electromagnetic fields on perfectly conducting concave cylindrical surfaces 1-29178
- Toraldo Di Francia, G. see Bertero, M. 1-1485
- Torasso, P. Geometric quantisation and representations of $\text{SL}_2(\mathbb{R})$ 1-33123
- Toratan, H. see Izumitani, T. 1-3352
- Torbert, R.B. see Mozer, F.S. 1-13626
- Torbet, J., Freyssinet, J.-M., Hudry-Clergeon, G. Oriented fibrin gels formed by polymerization in strong magnetic fields 1-32181
- Torbett, M.A. see Cantrell, J.H., Jr. 1-37753
- Torbt, C.A. see Stephens, R.J. 1-8901
- Torbt, C.A. see Stolzenberg, S.J. 1-13286
- Torbov, V.I., Troitskii, V.N., Rakhmatullina, A.Z. Hot pressing and vacuum sintering of fine titanium nitride powder 1-21399
- Torchia, D.A. see Jelinski, L.W. 1-8818, 1-24301
- Torchinskaya, T.V. see Korsunskaya, N.E. 1-34748
- Torchio, S. Stress corrosion cracking of type AISI 304 stainless steel at room temperature; influence of chloride content and acidity 1-16945
- Tordjman, I. see Zilber, R. 1-15858
- Torelli, S.P. see DeBlois, R.L. 1-6012
- Torelli, G. see Carboni, G. 1-15040
- Torelli, M. see Cacciani, R. 1-4853
- Torelio, F. see Andres, J. 1-33551
- Tores, C.A.O. see de la Reza, R. 1-54519
- Torfeh, M., Le Gall, H. Theoretical analysis of hybrid models of magnetopolel wave-guides 1-51642
- Torgashev, V.I. see Gufan, Yu.M. 1-25406
- Torge, W. Gravity and height variations connected with the current rifting episode in northern Iceland 1-54063
- Torgeson, D.R. see Anderson, D.L. 1-7967
- Torgeson, D.R. see Barnes, R.G. 1-16493
- Torgeson, D.R. see de Groot, D.G. 1-3273
- Torguet, R. see Lefebvre, J. 1-24563

- Torii, M., Goto, H., Kihara, U. Single crystal growth of NiZn ferrite by the Bridgman method 1-8215
- Torii, M., Kihara, U., Goto, H., Yuri, H. Crystal defects and characteristics of YGaIG single crystal grown by the float zone method 1-8222
- Torii, T. see Honda, K. 1-43491
- Torikai, T., Endo, K. Interfacial layer formation in the sputter-deposited SiO₂/GaAs system 1-38671
- Torisera, M. see Mattila, K. 1-36302
- Torisera, M. see Mattila, K. 1-36378
- Toriumi, K., Saxena, R.D., Soda, K., Tanimura, K., Itoh, N. Pulse radiolysis of transient defects in KBr at high temperatures 1-2437
- Toriumi, M. see Kokaku, Y. 1-35556
- Toriumi, M. see Shun-ichiro Karato 1-22329
- Toriyama, K., Suzuki, K., Nakagomi, T., Ishibashi, T., Odawara, K. Liquid crystal for multiplexed twisted nematic displays—its philosophy and practice 1-38279
- Toriyama, K. see Schlick, S. 1-43036
- Toriyama, T., Nishio, T., Kanbe, M., Hisatake, K. A γ -free Si(Li) detector for ISOL 1-10603
- Toriyama, T. see Hisatake, K. 1-3311
- Torizuka, K. see Minato, K. 1-35883
- Torizuka, Y. see Itoh, K. 1-45485
- Torizumi, K., Tuda, Y., Nishibata, H., Aoki, Y. Fundamental study of hepato-biliary and alimentary scintigram with double isotope method 1-9010
- Torkington, J.A. see Gordon, M. 1-38295
- Torlaschi, E., Zawadzki, I. Preliminary study of mesoscale thermodynamic variables as stratifiers of microwave attenuation by rain 1-54160
- Torlin, B.Z. Minimum-deviation regulation of xenon oscillations in a reactor 1-28647
- Torlin, B.Z. see Afanas'ev, A.M. 1-28523
- Torma, A.E. see Inal, O.T. 1-11993, 1-53669
- Torma, T. see Pocsik, G. 1-10135
- Tormala, P., Paakkonen, E., Kempainen, P. Deformation and relaxation studies of polycarbonate using the split Hopkinson pressure bar method 1-39374
- Tormala, P., Romppanen, M. Preparation of glassy carbon from lignins and lignin condensates 1-39260
- Tornambe, A. see Castellani, V. 1-22797
- Tornau, E.E. see Schneider, V.E. 1-21135
- Tornell, B. see Johansson, L. 1-8405
- Torneg, E., Nielsen, C.J., Klæboe, P., Hopf, H., Priebe, H. The IR Raman and microwave spectra of 1-buten-3-yne (vinylacetylene) and 1-buten-3-yne-4d 1-14966
- Torneg, E., Nielson, C.J., Klæboe, P., Hopf, H., Schull, V. The conformation and vibrational spectra of 1,5-hexadiene-3-yne (divinylacetylene) and perchloro-1,5-hexadiene-3-yne (perchlorodivinylacetylene) 1-48074
- Tornheim, P.A. Use of a vapor pressure osmometer to measure brain osmolality 1-27035
- Tornow, V., Orlandini, G., Traini, M., Drechsel, D., Arenhovel, H. A study of electro-nuclear sum rules in light and medium-weight nuclei 1-10340
- Tornqvist, N. see Roos, M. 1-5540
- Torochkov, V.Yu., Krasov, E.I., Konstantinov, K.M. Principles for designing complex measuring systems in optical instrument making 1-29413
- Torok, E.J. see Krawczak, J.A. 1-11078
- Toropov, Yu.S., Pliner, S.Yu., Rutman, D.S., Taksis, G.A., Maurin, A.F. Multicomponent solid solutions based on zirconium dioxide 1-31399
- Torossian, A. see Aymar, R. 1-46909
- Torquato, C. see Bogen, D.C. 1-53742
- Torr, D.G. see Torr, M.R. 1-40240, 1-40455
- Torr, D.G. see Young, E.R. 1-4675, 1-22613
- Torr, M.R., Richards, P.G., Torr, D.G. A new determination of the ultraviolet heating efficiency of the thermosphere 1-40240
- Torr, M.R., Torr, D.G., Hinteregger, H.E. Solar flux variability in the Schumann-Runge continuum as a function of solar cycle 21 1-40455
- Torra, V. see Giro, A. 1-7072
- Torrance, A.A. The correlation of abrasive wear tests 1-48530
- Torrance, J.B., Mayerle, J.J., Bechgaard, K., Silverman, B.D., Tomkiewicz, Y. Comparison of two isostructural organic compounds, one metallic and the other insulating 1-25734
- Torrance, J.B., Vazquez, J.E., Mayerle, J.J., Lee, V.Y. Discovery of a neutral-to-ionic phase transition in organic materials 1-42335
- Torrance, J.B. see Chaikin, P.M. 1-47624
- Torrance, J.B. see Tomkiewicz, Y. 1-12256
- Torre, A.de la see de la Torre, A.
- Torre, J.M. see Gay, J. 1-4791
- Torre, J.P. see Barlier, P. 1-16933
- Torre, S.Dalla see Dalla Torre, S.
- Torrence, M. see Smith, D.E. 1-49197
- Torres, A.L., Maroulis, P.J., Goldberg, A.B., Bandy, A.R. Atmospheric P.C.O. measurements on Project Gametag 1-40169
- Torres, A.L. see Maroulis, P.J. 1-40167
- Torres, C. see Cragg, T. 1-44582
- Torres, C. see Menzies, J.W. 1-54533
- Torres, C. see Wroblewski, H. 1-36423
- Torres, J., Ayroles, R., Roucau, C., Takana, M. Electron microscopy study of the domain structure in the ferroelastic phase of lead phosphate Pb(PO₃)₂ 1-20238
- Torres Villanor, G. see Van Sande, M. 1-30015
- Torres-Peimbert, S., Peimbert, M. Physical conditions in two halo planetary nebulae 1-4971
- Torriani, I. see Barberis, G.E. 1-26032
- Torrie, B.H. see Pawley, G.S. 1-47178
- Torrie, G.M., Valleau, J.P. Electrical double layers. I. Monte Carlo study of a uniformly charged surface 1-35537
- Torrie, G.M. see Gaunt, D.S. 1-5240
- Torrie, G.M. see Whittington, S.G. 1-18167
- Torring, T., Bekooy, J.P., Meerts, W.L., Hoeft, J., Tiemann, E., Dymann, A. Rotational spectrum and structure of KCN 1-37221
- Torring, T. see Ryzlewicz, C. 1-10725
- Torronen, K. A method for measuring the planar interparticle distance between plate-like precipitates 1-35474
- Torronen, K., Kotilainen, H., Nenonen, P. Combination of electrolytic hardening mechanisms in a Cr-Mo-V steel 1-35269
- Torronen, K. see Kotilainen, H. 1-35337
- Torsti, J., Valtaoja, E. The effect of wind on cosmic-ray muon asymmetry 1-49462
- Torsti, J.J. see Nieminen, M. 1-37084, 1-37085
- Torsti, I. see Duncan, J.L. 1-41379
- Tortoli, P., Pogliani, L. A method to double the analyzable bandwidth in SAW chirp transform processors 1-33855
- Torven, S., Lindberg, L. Properties of a fluctuating double layer in a magnetized plasma column 1-24940
- Toryanik, A.I. see Povkh, I.L. 1-11429, 1-15517
- Tosa, Y. Grand unification groups and charges of quarks and leptons 1-23467
- Tosato, G. see Aldorfer, F. 1-35620
- Tosatti, E. Displacive reconstruction phase transitions of clean transition metal and semiconductor surfaces 1-11699
- Tosatti, E. see Bergersen, B. 1-47521
- Tosatti, E. see Campagnoli, G. 1-47463
- Tosatti, E. see Yin, S. 1-47037
- Tosciano, E.H., Boeck, M. Relationship between strain rate, strain to failure and life time 1-35317
- Tosciano, G. see Borghese, F. 1-27798
- Tosciano, R., Maceri, A. On the elastic stability of beams under unilateral constraints 1-29584
- Tosciano, R., Maceri, A. On the problem of the elastic plate on one-sided foundation 1-46673
- Tosciano, R. see Maceri, F. 1-29537
- Tosciano, W.M. see Hubbell, R.H. 1-50139
- Toschek, P.E., Neuhauser, W. Single ions for doppler-free spectroscopy 1-10024
- Toschek, P.E. see Baev, V.M. 1-41728
- Toschek, P.E. see Bialas, J. 1-51164
- Toschek, P.E. see Firth, W.J. 1-28905
- Toschek, P.E. see Neuhauser, W. 1-2221
- Toshioka, K. see Akino, Y. 1-41273
- Tosi, A. see Romeo, N. 1-35180
- Tosi, M.P. Classical charged fluids at high density 1-11668
- Tosi, M.P. see Chaturvedi, D.K. 1-34217
- Tosi, M.P. see March, N.H. 1-7328, 1-25418, 1-30371
- Tosi, M.P. see Singwi, K.S. 1-47513
- Tosi, V. see Minelli, M.R. 1-36985
- Tosic, B.S. see Hadziselimovic, E.A. 1-52492
- Tosic, B.S. see Kapor, D.V. 1-14074
- Tosic, M.M. see Jokic, T. 1-28768
- Tosic, T., Jevtic, M., Tjapkin, D. Self-consistent screening length in a heavily-doped semiconductor 1-2983
- Tosnyan, L.A. see Dubovik, V.M. 1-41052
- Tossell, J.A. Electronic structure of dichalcogenide and dipnictide anions 1-12075
- Tossell, J.A. Theoretical study of structures, stabilities, and phase transitions in some metal dihalide and dioxide polymorphs 1-27155
- Tossell, J.A., Moore, J.H., Coplan, M.A. Fourier analysis of spherically averaged momentum densities for some gaseous molecules 1-41431
- Tosser, A.J. see Pichard, C.R. 1-30844, 1-52666, 1-52667, 1-52669
- Tosser, A.J. see Tellier, C.R. 1-7584, 1-16384, 1-25693, 1-30841, 1-47620, 1-47765
- Tosswill, C.H. see Beuscher, C.J. 1-35909
- Tostevin, J.A., Johnson, R.C., Lopes, M.H. Anti-symmetrization effects in deuteron-nucleus elastic scattering 1-28427
- Tostmann, K.H. Corrosion of titanium in electroplating practice 1-43596
- Tosto, S. see Mannone, G. 1-48489
- Tosun, H., Karayilan, I. Microwave heating of realistic cylindrical models of human limbs 1-22066
- Tot, L. see Barna, P.B. 1-39235
- Totaro, S. Strict solution of a nonlinear particle transport problem 1-9954
- Totevora, A. see Paguta, P. 1-48388
- Toth, F. see Kohut, J. 1-23281
- Toth, G. A novel target for reactor-produced ¹⁹⁹Pt 1-9019
- Toth, Gy. Free vibration analysis of a rotating shaft of variable cross section using the finite element method 1-17997
- Toth, Gy. Study of the free vibrations of rotors having changing cross section by using the finite element method 1-27768
- Toth, J. A uniform interpretation of gas/solid adsorption 1-38622
- Toth, K. see Ebel, M.F. 1-42617
- Toth, K.S. Alpha-decay studies in the lead region 1-10358
- Toth, K.S., Ellis-Akovali, Y.A., Moltz, D.M., Bingham, C.R., Carter, H.K., Sousa, D.C. The α -decay rate of ¹⁸⁸Pb 1-50561
- Toth, K.S. see Ellis-Akovali, Y.A. 1-41080
- Toth, L. see Lebedev, E.A. 1-12114
- Toth, L.E. see Pow, E.C. 1-48580
- Toth, L.E. see Umbach, C.P. 1-52680
- Toth, L.M., Friedman, H.A., Osborne, M.M. The polymerization of Pu(IV) in aqueous nitric acid solutions 1-18858
- Toth, L.M. see Friedman, H.A. 1-19045
- Toth, R.A. see Flaud, J.-M. 1-33422
- Totomanov, I.N. see Joo, I. 1-54057
- Totsuji, H. Dynamical properties of two-dimensional classical electron liquids 1-7416
- Totsuji, H., Kakeya, H. Dynamical properties of two-dimensional classical electron liquids 1-2899
- Totsuka, Y. see Bartel, W. 1-18500, 1-45253, 1-45254
- Totsuka, Y. see O'Neill, L.H., Jr. 1-50443
- Touami, B.B., Osborne, D.V. Phonon scattering in n-type silicon 1-15986
- Touati, A. see Briand, J.P. 1-23607, 1-24095
- Toucheard, F. see Liberman, S. 1-19057
- Toudic, Y. see Detaint, J. 1-16164
- Tough, J.T. see Ashton, R.A. 1-47319
- Tough, J.T. see Henberger, J.D. 1-34530
- Tough, R.J.A. see Clark, M.G. 1-7078
- Tough, R.J.A. see Shanks, I.A. 1-26171
- Tougne, P., Legrand, A.P., Sanchez, C., Livage, J. V⁴⁺ Brownian motion in splat cooled amorphous V₂O₅ after water vapor adsorption 1-38975
- Tougou, H. see Obayashi, T. 1-6877
- Touli, J. see Schovskoy, V. 1-52806
- Toullec, R. see Le Toullec, R.
- Toulme, F., Helene, C. Induced absorption in stacked complexes of tryptophan with nucleic acid bases 1-48960
- Toulouse, G. The frustration model 1-9948
- Toulouse, G. A lecture on the topological theory of defects in ordered media: how the old theory was leading to paradoxes, and how their resolution comes within the larger frameworks of homotopy theory 1-11742
- Toulouse, G., Gabay, M. Mean field theory for Heisenberg spin glasses 1-47893
- Toulouse, G., Vannimenus, J. On the connection between spin glasses and gauge field theories 1-30965
- Toulouse, G. see Derrida, B. 1-9936
- Toulouzan, J.N. see Le Toulouzan, J.N.
- Toung, A. see Fuenlied, I. 1-13768
- Tounsi, A. Exponential mass spectrum and pion condensation 1-18591
- Toupance, G. see Bossard, A. 1-21748
- Toupet, M. see Burgeat, M. 1-49014
- Toupet, M. see Loth, D. 1-32130
- Touraine, A., Bajada, S., Dollfus-Samson, D. Automatic analysis of the EMG: technique and results in healthy and ill subjects 1-27013
- Tourand, G. see Bellissent-Funel, M.C. 1-30039
- Tourand, G. see Bellissent-Funel, M.-C. 1-30031
- Tourand, G. see Bizid, A. 1-46985
- Tournier, R. see Benoit, A. 1-30898
- Tournoux, M. see Marchand, R. 1-3645
- Tournoux, M. see Piffard, Y. 1-7373
- Toussaint, D., Wilczek, F. Constraints on heavy neutrinos 1-45172
- Toussaint, D. see DeGrand, T.A. 1-23458
- Touzain, P. see Hamwi, A. 1-39619
- Touzain, P. see Ravaine, D. 1-39001
- Touzeau, M. see Jolly, J. 1-41482
- Touzelin, B. Study of the Fe-Co-O system at 900°C by thermogravimetry and X-ray diffraction 1-39322
- Touzelin, B. see Lorenzelli, R. 1-26428
- Tovar, M. see DeLong, L.E. 1-25910
- Tovar, M. see Schultz, S. 1-7939
- Tovbin, M.V. see Almazov, L.A. 1-52393
- Tovbin, Yu.K., Fedyanin, V.K. Adsorption kinetics of dissociating molecules with allowance for interaction between adatoms 1-25575
- Tovbis, A.B. see Arutyunyan, E.G. 1-32094
- Tovbis, A.B. see Makhaldian, V.V. 1-4246
- Tovedal, H. see Fogelberg, B. 1-638
- Tovee, D.N. see Allasia, D. 1-23495
- Tovey, N.K. A digital computer technique for orientation analysis of micrographs of soil fabric 1-49423
- Tovey, N.K., Krinsley, D.H. A cathodoluminescent study of quartz sand grains 1-45084
- Tovey, N.K., Wong, K.Y. The microfabric of deformed kaolin 1-49269
- Tovey, S.N. see Bourquin, M. 1-10276
- Tovey, S.N. see De Roach, J. 1-36873
- Tovmach, Yu.V. see Gershenson, E.M. 1-3016
- Tovmassian, G.M. see Kojan, G. 1-22885
- Tovmassian, G.M. see Avetisyan, V.Z. 1-22814
- Tovstyk, K.D. see Gertovich, T.S. 1-3419

- Tovstuyk, K.D. *see* Malik, A.I. 1-35659
 Tovstuyk, K.D. *see* Polyakov, I.O. 1-2596
 Tow, D.M. *see* Chiu, C.B. 1-23521
 Towe, B.C. An air ionization biopotential electrode 1-17016
 Towfig, F., Sklansky, J. Piecewise linear detection of boundaries in chest radiographs 1-53897
 Townner, H.H. *see* Strachan, J.D. 1-45729
 Townes, C.H. *see* Lacy, J.H. 1-36382
 Townes, C.H. *see* Matsakis, D.N. 1-22855
 Townes, C.H. *see* Watson, D.M. 1-22893
 Townes, G.A. Spent-fuel disassembly and canning programs at the Barnwell Nuclear Fuel Plant (BNFP) 1-18841
 Townley, J.F. A projection device for use with EMI scan transparencies 1-22100
 Townsend, D. *see* Jeavons, A. 1-14732
 Townsend, D. *see* Schorr, B. 1-49120
 Townsend, D.B. *see* Colby, M.J. 1-41209
 Townsend, D.W., Zanella, P. Computational aspects of positron imaging using multiwire proportional chambers in nuclear medicine 1-28790
 Townsend, D.W. *see* Dillahunty, R.C. 1-22497
 Townsend, L.W., Deutchman, P.A. Isobar giant resonance formation in self-conjugate nuclei 1-50567
 Townsend, L.W. *see* Deutchman, P.A. 1-14535
 Townsend, P.K. *see* Aurilia, A. 1-5488, 1-36800
 Townsend, P.K. *see* Deser, S. 1-27843
 Townsend, P.K. *see* Freedman, D.Z. 1-28177
 Townsend, P.K. *see* Nicolai, H. 1-27844
 Townsend, P.K. *see* Rocke, M. 1-14233
 Townsend, T.H. Hearing aid measurements using the revised standard: reducing variability and determining test system accuracy 1-4389
 Townsend, T.H., Bess, F.H. Effects of age and sensorineural hearing loss on word recognition 1-43885
 Townsend, W.G. *see* Grimshaw, J.A. 1-13141
 Toya, M. *see* Abe, Y. 1-33178
 Toyama, F. Intermediate $\Delta(1236)$ resonance effects in the backward p-d elastic scattering 1-581
 Toyama, F.M., Sakamoto, Y. Distortion effects in π -nucleus inelastic scattering 1-36965
 Toyama, H. *see* Shinohara, S. 1-19930
 Toyama, K., Ikeuchi, S. Dynamical ablation of interstellar gas from a disk galaxy 1-17892
 Toyama, M. *see* Iwata, Y. 1-14003
 Toyama, N. Copper impurity levels in silicon 1-2906
 Toyama, T., Ishiguro, M. Optical bleaching of F centers and M centers in KCl under high pressures 1-24463
 Toyoda, F. Tunneling effects and precocious planarity 1-33168
 Toyoda, H., Itakura, H., Komiya, H. Etching of SiO₂ in CF₄ gas plasma using planar-type reactor 1-53318
 Toyoda, H., Tobinaga, M., Komiya, H. Frequency effect on material selectivity in gas plasma etching in planar type reactor 1-53319
 Toyoda, K. Bibliography of ferroelectrics 1-17963
 Toyoda, K. Analyses of the electronic collective motions by means of a nonlinear dynamical equation 1-41293
 Toyoda, K., Osada, H., Namba, S. High power and single line operations of an HBr chemical laser 1-41727
 Toyoda, M. Recent trends in sensors 1-32980
 Toyoda, T., Wildermuth, K. Charged Schrodinger particle in a c-number radiation field 1-23050
 Toyoshima, Y. *see* Nakano, Y. 1-3063
 Toyosima, N. *see* Yokokura, K. 1-27999
 Toyota, A., Saito, M., Nakajima, T. The doublet instabilities of the Hartree-Fock solutions for the cation and anion radicals of fulvalene systems 1-28870
 Toyota, K. *see* Hirotsu, S. 1-20319
 Toyozawa, Y. Self-localization of elementary excitations 1-30638
 Toyozawa, Y. Electrons, holes and excitons in deformable lattice 1-34635
 Toyozawa, Y. *see* Nasu, K. 1-38728
 Toyuki, H. Studies on bonding mode of Be atoms in K₂O-BeO-B₂O₃ glasses by means of optical absorption spectra of VO²⁺ 1-21232
 Toyuki, H. Studies on bonding mode of Mg atoms in R₂O-MgO-B₂O₃ glasses (R=Li, Na and K) by means of optical absorption spectra of VO²⁺ 1-21233
 Toyuki, H. Studies on behavior of alkaline-earth metals in K₂O-MO-B₂O₃ glasses (M=Ca, Sr and Ba) by means of optical absorption spectra of VO²⁺ 1-21235
 Tozer, B.A. Laser hazard evaluation and safe practice 1-43899
 Tozer, B.A., Webster, J.M. Engineering applications of high resolution holography of large volumes 1-41646
 Tozer, B.A., Webster, J.M. Holography as a measuring tool 1-45715
 Tozzi, G.P. *see* Cantu, A.M. 1-51175
 Tozzi, G.P. *see* Pettini, M. 1-51173
 Trabalka, J.R., Eymann, L.D., Auerbach, S.I. Analysis of the 1957-1958 Soviet nuclear accident 1-17501
 Trabanelli, G. *see* Frignani, A. 1-31720
 Traber, F. *see* Burger, K.H. 1-24102
 Trabert, E., Heckmann, P.H. Beam-foil lifetimes of Be-like ions of elements from Mg to S 1-10704
 Trabert, E., Heckmann, P.H., Raith, B., Sander, U. Beam-foil based efficiency calibration of a grazing-incidence spectrometer 1-355
 Trabjerg, I. Pulsed magnet for magneto-optical experimentation 1-10000
 Trabocco, R.E. *see* Waring, G. 1-8408
 Traccucci, R. *see* Elkouby, A. 1-23765
 Tracey, B.T. Nickel cadmium cells. II. Charging and maintenance 1-53573
 Tracey, V.A., Hall, N.R.V. Nickel matrices in cemented carbides 1-31467
 Trachtman, M. *see* Bock, C.W. 1-10713, 1-37104, 1-37173, 1-45834
 Trachtman, M. *see* George, P. 1-24024, 1-45838
 Trad, A. Viscous thermo-acoustic wave and entropic waves in a porous tube 1-51901
 Tradinik, W., Kromp, K., Pabst, R.F. About the universality of the Weibull function 1-43438
 Traetteberg, M., Bakken, P., Almenningsen, A. The molecular structure and conformation of 1,2-cyclonadiene 1-29134
 Traetteberg, M., Sandnes, T.W., Bakken, P. The molecular structures of gaseous cyclopentene oxide, cyclohexene oxide and cycloheptene oxide as determined by electron diffraction 1-6382
 Trafford, D.N.H., Whittle, D.P. The salt-induced corrosion behaviour of Fe-Cr alloys at elevated temperatures. I. Alloy dilute in chromium 1-19492
 Trafford, D.N.H., Whittle, D.P. The salt-induced corrosion behaviour of Fe-Cr alloys at elevated temperatures. II. Alloys rich in chromium 1-19493
 Trager, F. On the charge distribution of calcium nuclei 1-45417
 Trahey, N.M. Reference materials for nuclear safeguards measurements—a forecast for the 1980s 1-18760
 Trahin, M. *see* Gontier, Y. 1-19065
 Trahiotis, C. *see* Rabinowitz, W.M. 1-13254
 Traiforos, S.A., Ashton, D.H. Initializing exit plane conditions for pipe break analyses with RELAP4/MOD5 1-50742
 Traill, S. Municipal waste: an energy source for Europe 1-26806
 Traini, M. *see* Christillan, P. 1-5800
 Traini, M. *see* Tornow, V. 1-10340
 Trainin, A.L. *see* Levinson, D.I. 1-31242
 Trainor, D.W., Hyman, H.A., Itzkan, I., Heinrichs, R.M. Raman shifting of long-pulse-length XeF* laser radiation 1-1626
 Trainor, D.W., Jacob, J.H. Electron quenching of KrF* and ArF* 1-24397
 Trainor, D.W. *see* Jacob, J.H. 1-10988, 1-37271
 Trainor, J.H. *see* McDonald, F.B. 1-40397
 Trainor, R.J., Holmes, N.C., More, R.M. Laser-generated shockwave experiments at extreme high pressures 1-36674
 Trainor, T.A. *see* Adelberger, E.G. 1-37352
 Trajmar, S. Determination of absolute electron-impact cross sections 1-37326
 Trajmar, S. *see* Brinkmann, R.T. 1-33559
 Trakhtenberg, B.F. *see* Broka, M.E. 1-48340
 Trakhtenberg, B.F. *see* Ivanov, A.I. 1-17000
 Trakhtenberg, L.I. *see* Buimistrov, V.M. 1-6370
 Trakhtengerts, V.Yu. *see* Vershinin, Ye.F. 1-27342
 Trakhtengertz, V.Yu. *see* Grach, S.M. 1-51951
 Trakkas, C. *see* Diakonou, M. 1-10256
 Tralle, I.E. Theory of two-photon ionization of acceptors in semiconductors 1-47558
 Trallero Giner, K., Lang, I.G., Pavlov, S.T. Theory of two-photon resonance Raman scattering of light in ZnTe 1-21211
 Tram Thanh Van, J. *see* Capella, A. 1-5599
 Trambarulo, R. *see* Slusky, S.E.G. 1-52709
 Tramer, A. *see* Nahlerstadt, N. 1-33580
 Trammell, R.C. *see* Raudorf, T.W. 1-18971
 Trampczynski, W., Morrison, C., Topliss, W.E. A tension-torsion creep-rupture testing machine 1-21676
 Trampetic, J. *see* Galic, H. 1-40962
 Trampetic, J. *see* Pickic, I. 1-41062
 Trampetic, J. *see* Tadic, D. 1-45277
 Tran, D.C., Koo, K.P. Stabilising single mode fibre couplers by using gel glass 1-46559
 Tran, D.C. *see* Moynihan, C.T. 1-2676
 Tran, H.N. *see* Kaneko, S. 1-48332
 Tran, M.D. *see* Schlicher, K. 1-45280
 Tran, M.T. *see* Spencer, J.N. 1-10724
 Tran, N.C. *see* Lagally, M.G. 1-11996
 Tran, S.M., McPhun, M.K. Obtaining unique solutions to Hanoi's equation as used in Wobschall's semidisperse model of moist soil 1-35985
 Tran, T., Brungs, M.P. Applications of oxygen electrodes in glass melts. I. Oxygen reference electrode 1-21739
 Tran, T.M., Haldy, P.-A., Ligou, J., Lefvert, T. The multigroup method as a tool for the analysis of suprathermal charged particle transport in ICF systems 1-18881
 Tran, T.M. *see* Schneider, H. 1-11537
 Tran Khien Tham *see* Falk, H. 1-11492
 Tran Minh, F. *see* Chabaud, G. 1-10835
 Tran Minh, N. *see* Vallee, O. 1-6140
 Tran Thoi, D.B. *see* Haug, H. 1-47695
 Tran Thoi, D.B. *see* Schmitt-Rink, S. 1-16246
 Tran Tuc Vi *see* Bonnemay, A. 1-28678
 Tranah, D., Landsberg, P.T. Thermodynamics of non-extensive entropies. II 1-32942
 Tranah, D. *see* Landsberg, P.T. 1-27906
 Tranquada, J.M. *see* Ingalls, R. 1-35120
 Tranquard, A. *see* Pepe, G. 1-15867
 Tranquard, A. *see* Porte, L. 1-35145
 Tranqui, L. *see* Wade, R.H. 1-53942
 Tranquille, M. *see* Cosse, C. 1-33466
 Trapeznikov, L.P. *see* Pak, A.P. 1-3928
 Trapezon, A.G. Natural vibrations and the stress state of a beam with thickness varying according to an e^{ax^2} rule 1-29614
 Trapote, A.G. Considerations about equivalent models in a classical one-dimensional system 1-27711
 Trapp, M. *see* Gloede, C. 1-34809
 Trappeniers, N.J., Arends, B. Low temperature PVT data for ethylene by an NMR method 1-25350
 Trappeniers, N.J., Boots, H.M.J., Huijser, R.H., Michels, A.C. Investigation of multiple scattering contributions to the depolarization of light scattered by xenon and carbon dioxide in the critical region. II. Numerical calculations 1-15592
 Trappeniers, N.J. *see* Biswas, S.N. 1-52215
 Trappeniers, N.J. *see* Deerenberg, A. 1-7310, 1-38049
 Trappeniers, N.J. *see* Geijssels, J. 1-38506
 Trappeniers, N.J. *see* Harris, K.R. 1-25480
 Trappeniers, N.J. *see* Huijser, R.H. 1-38048
 Trappeniers, N.J. *see* Michels, R.P.J. 1-25135
 Trappeniers, N.J. *see* Peerdeman, S.A.G. 1-2613
 Trappeniers, N.J. *see* Sprik, M. 1-5820
 Trappeniers, N.J. *see* van der Gulik, P.S. 1-38039
 Trappeniers, N.J. *see* van 't Klooster, P. 1-38471
 Trasatti, L. *see* Bacci, C. 1-575
 Trasatti, L. *see* Battistoni, G. 1-14757
 Tratt, M.H., Burne, R.V. An inexpensive and efficient double-tube, hand-coring device 1-13592
 Traub, W.A., Gursky, H. Coherent optical arrays for space astronomy 1-40951
 Traub, W.A. *see* Chance, K.V. 1-17651
 Traum, M.M., Woodruff, D.P. Time-of-flight measurements with a CMA for simultaneous energy and mass determinations of desorbed ions 1-5433
 Traum, M.M. *see* Farrell, H.H. 1-39224
 Traum, M.M. *see* Seabury, C.W. 1-3576
 Traum, M.M. *see* Tolk, N.H. 1-33420
 Traut, J. *see* Graff, G. 1-557
 Trautman, A. Fiber bundles, gauge fields, and gravitation 1-18136
 Trautman, A. On groups of gauge transformations 1-32888
 Trautman, V.Yu. *see* Efimov, V.A. 1-41007
 Trautman, W., Dahme, W., Dunnweber, W., Hering, W., Lauterbach, C., Puchta, H., Kuhn, W., Wurm, J.P. Spin polarization of light fragments from ¹⁸O+³⁶Ar reactions 1-45489
 Trautmann, D. *see* Baur, G. 1-50652
 Trautmann, D. *see* Shyam, R. 1-5787
 Trautmann, M., Rothe, K.W., Wanner, J., Walther, H. Determination of the deuterium abundance in water using a CW chemical DF laser 1-35584
 Trautmann, N. *see* Gaggeler, H. 1-18666
 Trautmann, N. *see* Hickmann, U. 1-8634
 Trautmann, N. *see* Ower, H. 1-45397
 Trautmann, N. *see* Piercey, R.B. 1-41030
 Trautmann, N. *see* Zenzel, M. 1-41057
 Trautmann, W. *see* Konnerth, D. 1-18665
 Trautner, N. *see* Christensen, P.R. 1-18663
 Trautvetter, H.P. *see* Hulke, G. 1-5818
 Trautvetter, H.P. *see* Wiescher, M. 1-18617
 Trautwein, A.X. *see* Lauer, S. 1-19025
 Travaglini, G., Wachter, P., Marcus, J., Schlenker, C. K₂MoO₄: a new one dimensional conductor with a Reierls transition 1-48021
 Travaglini, G. *see* Schoenes, J. 1-47689
 Travelli, A. The US reduced enrichment research and test reactor (RERT) program: accomplishments, plans, and schedules 1-50728
 Travers, D. *see* Queffelec, J.L. 1-19993
 Traversa, A., Kachnowski, T., Thome, L., Bernas, H. Magnetism of ion-implanted nickel hydrides 1-21099
 Traversa, A. *see* Bernas, H. 1-34363
 Traver, J. *see* Saur, O. 1-51194
 Travin, V.G., Glushchenko, L.A. Effect of a gap on contact printing image quality 1-365
 Travin, V.V., Dzyadevich, L.M., Pitsyna, L.D. Automatic loading mechanism for 'Almaz 70' lathes 1-11194
 Travina, N.T., Nikitin, A.A., Zimina, L.N. Dislocation arrays formed during creep of heat-resistant nickel alloys 1-15896
 Travina, N.T. *see* Ugarova, E.V. 1-26467
 Travis, C.C. *see* Gentry, R.D. 1-53907
 Travis, E.L., Down, J.D., Holmes, S.J., Hobson, B. Radiation pneumonitis and fibrosis in mouse lung assayed by respiratory frequency and histology 1-43913
 Travnicek, L. *see* Necas, J. 1-37807

- Travot, G., Sirand-Rey, G., Bernedo, J. Apparatus for the ionic conduction and space charge measurements of photographic emulsions 1-290
- Traystman, R.J. *see* Kaplan, J. 1-17419
- Treacy, D.J. *see* Taylor, P.C. 1-52862
- Treacy, E.B. *see* Rabinowitz, P. 1-46458
- Treacy, P.B. R-matrix description of charge transfer to continuum atomic states 1-2423
- Treadaway, M.J., Woods, A.J., Flanagan, T.M., Leadon, R.E., Grismore, R., Denson, R., Wenaas, E.P. Experimental verification of an ECEMP spacecraft discharge coupling model 1-34138
- Treadwell, E.A. *see* Day, C.T. 1-45312
- Trebbia, P. *see* Colliex, C. 1-38214
- Trebin, H.-R., Cummins, H.Z., Birman, J.L. Excitons in cuprous oxide under uniaxial stress 1-38730
- Trebin, H.-R. *see* Rossler, U. 1-47498
- Trebinski, R., Włodarczyk, E. On compression of polyrotropic gas by explosion-products-driven piston 1-34034
- Treble, F.C. Solar cells 1-13121
- Trebukhovsky, Yu.V. *see* Blinov, A.V. 1-23665
- Trebukhovsky, Yu.V. *see* Beketov, G.V. 1-23513
- Treder, H.-J. Singularities in the general theory of relativity 1-125
- Treder, H.-J. Einstein's Hermitian theory of relativity as unification of gravo- and chromodynamics 1-147
- Treder, H.-J. The relativistic enlargement of the apparent radius of the Sun 1-4839
- Treder, H.-J. On general-relativistic celestial mechanics 1-32611
- Treder, H.-J. Unified field theory with teleparallelism and Dirac's electrodynamics. V. (Asymptotical conditions for static tetrads) 1-36547
- Treder, H.-J., von Borzeszkowski, H.-H., van der Merwe, A., Yourgrau, W. Fundamental principles of general relativity theories. Local and global aspects of gravitation and cosmology 1-27690
- Tredice, J. *see* Castellini, C. 1-24443
- Tredwell, T.J., Viswanathan, C.R. Determination of interface-state parameters in a MOS capacitor by DLTS 1-12193
- Tree, D.R. *see* Thompson, J.K. 1-24603
- Treffry, A. *see* Clegg, G.A. 1-39883
- Treffs, H., Dunken, H., Brauer, P. Quantum chemical calculations of adsorption and surface reactions on SiO₂-surface clusters 1-53474
- Trefilov, A.G. *see* Khlyudya, N.Y. 1-31297
- Trefilov, A.V. *see* Vaks, V.G. 1-7280, 1-7281
- Trefilov, V.I. *see* Bazhenova, L.G. 1-35380
- Trefilov, V.I. *see* Bochko, A.V. 1-12864, 1-53291
- Trefilov, V.I. *see* Kazo, I.F. 1-35323
- Trefilov, V.I. *see* Maiboroda, V.P. 1-35265
- Trefler, M. Evaluation of carbon-fiber cassettes 1-44028
- Trefney, J. *see* Cruz-Urbe, A. 1-40795
- Trefny, J.U., Fox, J.N. Absorption of sound in helium vapor 1-15572
- Treffry, J.H. *see* Presley, B.J. 1-53719
- Tregenza, P.R. A simple mathematical model of illumination from a cloudy sky 1-36057
- Treglia, G., Desjonqueres, M.C., Ducastelle, F., Spanjaards, D. Influence of Coulomb correlations on the electronic excitations of transition metal surfaces: application to Mo(100) and Ni(100), (110) and (111) 1-20843
- Treglia, G., Ducastelle, F., Spanjaard, D. Further comments on the electronic structure of nickel 1-38710
- Treglia, G. *see* Ducastelle, F. 1-7499
- Tregobov, S.I. *see* Kutovoi, V.D. 1-2233
- Tregub, A.I. *see* Achryjev, A.S. 1-8528
- Tregub, D.P. *see* Gulyaev, Yu.V. 1-51628
- Tregubas, I.G. *see* Griscenka, G.A. 1-20748
- Tregubov, V.B. *see* Mital'man, M.G. 1-23804
- Tregubov, V.B. *see* Selivanov, V.M. 1-28589
- Tregubov, V.F. *see* Ovcharenko, V.E. 1-39282
- Trehan, P.N., Armitage, B.H. The energy loss of ⁴He ions in solid compounds 1-37082
- Trehan, P.N. *see* Kaur, R. 1-10319, 1-33219, 1-45449
- Trehan, P.N. *see* Sharma, A.K. 1-28413
- Trehan, P.N. *see* Sooch, S.S. 1-14460
- Treherne, J. *see* Beraud, R. 1-45401
- Treberne, J. *see* Elias, N. 1-18548, 1-28365
- Treheux, D. *see* Juve-Duc, D. 1-30244
- Trehoux, J. *see* Abraham, F. 1-30180, 1-52119
- Treiber, U. *see* Thumm, I. 1-38349
- Treille, D. Photo- and hadroproduction of new flavours 1-10176
- Treille, D. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Treille, D. *see* Ferrer, A. 1-50463
- Treilleux, M., Chassagne, G. Comparative evolution of thermal colloids developed in MgO crystals implanted with alkali metal ions 1-2641
- Treiman, S.B., Wilczek, F. Thermalization of baryon asymmetry 1-9749
- Treindl, A., Wächter, P. Acoustical phonon anomaly in the Raman spectra of intermediate valent TmSe_{1-x}Te_x and Tm₂Se_{1-x}Te_x 1-39097
- Treiner, J. *see* Barranco, M. 1-28383
- Trekbov, E.S. *see* Kosoruchkina, A.D. 1-41367
- Trehova, N.A. *see* Chernavskii, S.Ya. 1-23870
- Treleani, D., Wilk, G. Large-*p_T* jet production on nuclei 1-45501
- Tremaine, P.R., Leblanc, J.C. The solubility of nickel oxide and hydrolysis of Ni²⁺ in water to 573K 1-11866
- Tremaine, P.R. *see* Rumery, T.E. 1-23773
- Tremaine, S. *see* Goldreich, P. 1-32614, 1-54416
- Tremaine, S. *see* Lin, D.N.C. 1-49707
- Tremaine, S.G. *see* Lentner, K.J. 1-36691
- Tremblay, A.-M.S., Arai, M., Siggia, E.D. Fluctuations about simple nonequilibrium steady states 1-50054
- Tremblay, G.M. *see* Dorlot, J.-M. 1-22044
- Tremblay, R. *see* Grover, C.P. 1-1501, 1-1510, 1-6505
- Tremblay, R. *see* Roy, G. 1-7014
- Tremblay, R. *see* Verly, P. 1-15286
- Tremblat, M., Colombet, P., Danot, M., Rouxel, J. The pseudo-binary systems CuCr₂-MS₂ (M=Ti, Sn) and spinels Cu₂Cr₂M₂(S₂Cu₂Cr₂M₂, S₂) 1-47248
- Tremolet de Lacheisserie, E. *see* du Tremolet de Lacheisserie, E.
- Tremolieres, C., Hetu, R. A multi-parametric study of impact noise-induced TTS 1-32139
- Tremolieres, P. *see* Quiblier, J.A. 1-17573
- Trenchard, S.E., Coppens, A.B. Experimental study of a saturated parametric array in air 1-11222
- Trenee, G. *see* Leduc, M. 1-1199
- Trenka, A.R. *see* Moment, R.L. 1-53540
- Trenkler, G. *see* Marciniowski, P. 1-28035
- Trenkler, H. An attempt to give a survey of the environmental influences being exercised by the electricity supply industry within the overall economy system 1-4229
- Treshnikov, A. *see* Baker, D.J., Jr. 1-13562
- Treskov, T.A. *see* Kotovich, V.V. 1-9368
- Treskunov, B.A., Averchenko, P.A., Kunin, M.S. Increasing the corrosion resistance of stainless-steel parts by oxide coating 1-35437
- Tress, G. *see* Khan, H.A. 1-10600
- Tressaud, A., Soubeyrou, J.L., Dance, J.M., Sabatier, R., Hagenmuller, P., Wanklyn, B.M. Study of the magnetic structure and of the 'spin-flop' type transition in Rb₂FeF₆ 1-52779
- Tressaud, A. *see* Lorient, M. 1-21147
- Tresser, C., Brot, C., Coste, J. Random walks with sign reversals and the intrinsic angular momentum behaviour on lattices 1-50061
- Tresser, C. *see* Arneodo, A. 1-9819, 1-36570
- Tressler, R.E. *see* Bourne, W.C. 1-3943
- Tressler, R.E. *see* Kotchick, D.M. 1-3833
- Tressler, R.E. *see* McHenry, K.D. 1-3872
- Trester, P.W. *see* Cheng, E.T. 1-50945
- Tretiak, O.J. Emission computed tomography—a short annotated bibliography 1-27694
- Tretola, A.R. *see* Levine, B.F. 1-15216
- Tret'yachenko, G.N., Barilo, V.G. Unit for fatigue tests of wedge-type specimens working under thermal and mechanical cyclic loads in an aggressive gas stream 1-31807
- Tret'yakov, A.N. Regime of the Pleistocene geomagnetic field and structure of the Brunhes geomagnetic epoch 1-32349
- Tret'yakov, A.G. Raman line broadening in a nematic liquid crystal 1-43119
- Tret'yakov, D.N. *see* Abramov, A.V. 1-35162
- Tret'yakov, D.N. *see* Bert, N.A. 1-25590
- Tret'yakov, D.N. *see* Zingarelli, M.Z. 1-34783
- Tret'yakov, V.E. *see* Minin, V.V. 1-38067
- Tret'yakov, V.I., Chernyavskii, K.S., Senchikhin, V.K. Structure formation in (Ti, W)-Co alloys 1-16716
- Tret'yakov, V.M. *see* Silyus' V.P. 1-52367
- Tret'yakov, V.V., Yagodin, V.I. Mathematical analysis of whirled turbulent flow through a pipe 1-11465
- Tret'yakov, Yu.D. *see* Kolotykin, V.I. 1-53452
- Tret'yakov, Yu.D. *see* Kuznetsova, M.A. 1-35206, 1-35207
- Tret'yakov, Yu.P. *see* Pasyuk, A.S. 1-37035
- Tret'yakova, L.N. *see* Morozov, V.I. 1-38581
- Tret'yakova, M.I. *see* Adamovich, M.I. 1-45317
- Tret'yakova, M.I. *see* Fiorino, A. 1-50583
- Tret'yakova, S.P., Mamonova, T.I. Effect of γ radiation on the detecting properties of Lavsans film 1-23982
- Treu, W., Fröhlich, H., Galster, W., Duck, P., Voit, H. Total reaction cross section for ¹²C+¹²C in the vicinity of the Coulomb barrier 1-23618
- Treuhaff, R.N. *see* Geaga, J.V. 1-28449
- Treumann, A.R. *see* Perrenoud, M.R. 1-4884
- Treumann, R. *see* Trotter, G. 1-36243
- Treumann, R.A. *see* Juhl, B. 1-9323
- Treusch, A.L., Jr., Bradt, R.C. Panel spalling weight loss and R¹⁰⁰⁰ of fireclay refractories 1-31495
- Treusch, J. *see* Schafer, W. 1-47454
- Treusch, J. (editor) Advances in Solid State Physics. Plenary Lectures of the Divisions Semiconductor Physics, Metal Physics, Low Temperature Physics, Thermodynamics and Statistical Physics, Magnetism of the German Physical Society 1-27674
- Treushnikov, E.N., Kuskov, V.I., Aslanov, L.A., Soboleva, L.V. Study of the electron density distribution in nickel acetate tetrahydrate Ni(CH₃COO)₂·4H₂O, based on X-ray diffraction data 1-2423
- Treutmann, W. *see* Munninghoff, G. 1-20146
- Treve, Y.M. *see* Manley, O.P. 1-46748
- Trevena, D.H. The pioneer work of Francois Donny on the existence of tension in liquids 1-5067
- Trevena, D.H. *see* Jones, W.D. 1-6895
- Trevena, D.H. *see* Overton, G.D.N. 1-42445
- Trevena, P. *see* Old, C.F. 1-39458
- Treverton, J.A., Davies, N.C. XPS studies of DC and AC anodic films on aluminum formed in sulphuric acid 1-43699
- Treves, A., Chiappetti, L., Tanzi, E.G., Tarengi, M., Gursky, H., Dupree, A.K., Hartmann, L.W., Raymond, J., Davis, R.J., Black, J., Matilsky, T.A., Vanden Bout, P., Santer, F., Pollard, G., Sanford, P.W., Joseph, R.D., Meikle, W.P.S. Ultraviolet, X-ray, and infrared observations of HDE 226868=Cygnus X-1 1-49720
- Treves, A. *see* Maraschi, L. 1-22838, 1-36428, 1-44626
- Treves, A. *see* Morisetti, S. 1-14050
- Trevino, C., Mohir Sen Transient ignition in a flat plate boundary layer 1-29797
- Trevino, S.F., Prince, E., Hubbard, C.R. Refinement of the structure of solid nitromethane 1-7155
- Trevino, S.F., Rymes, W.H. A study of methyl reorientation in solid nitromethane by neutron scattering 1-7094
- Trevino, S.F. *see* Prince, E. 1-29961
- Trevino, S.F. *see* Tsai, D.H. 1-38427
- Trevisan, A., Buzzi, A. Stationary response of barotropic weakly nonlinear Rossby waves to quasi-resonant orographic forcing 1-13521
- Trevisan, U. *see* Barth, M. 1-41018, 1-45377
- Trezvor, V.V. *see* Aleksandrov, I.V. 1-1713
- Tri, L. *see* Dac Tri, L.
- Triantafyllidis, N., Needleman, A. An analysis of wrinkling in the Swift cup test 1-41958
- Triantis, F.A. *see* Arestov, Yu. 1-5668
- Triantis, F.A. *see* Arestov, Yu.I. 1-36892
- Triantis, F.A. *see* Gottgens, R. 1-50472
- Trias, A. *see* Gambini, R. 1-471, 1-45142, 1-46203
- Triatis, F.A. *see* Gensch, U. 1-595
- Tribble, R.E. *see* Zeller, A.F. 1-5688
- Tribel'skii, M.I. *see* Anisimov, S.I. 1-30118
- Tribel'skii, M.I. *see* Bunkin, F.I. 1-8040
- Triboulet, R., Marfaing, Y. CdTe growth by 'multipass THM' and 'sublimation THM' 1-12643
- Tributsch, H., Sakata, T., Kawai, T. Photoinduced layer phenomenon caused by iodine formation in MoSe₂ electrolyte (iodide) junctions 1-52652
- Tributsch, H. *see* Kautek, W. 1-34788
- Trick, G.L., Guth, S.L. The effect of wavelength on binocular summation 1-13247
- Trick, G.L., Guth, S.L. Heterochromatic additivity and the CFF response 1-43876
- Tricker, M.J., Vaishnava, P.P., Marshall, J.F., Donaldson, J.D., Grimsey, R.M.A. ⁵⁷Fe and ¹¹⁹Sn Mossbauer studies of electron exchange processes in spinels of composition Zn²⁺[Zn²⁺(1-x)/2⁺Sn⁴⁺(1+x)/2⁺Fe³⁺(1-x)³⁺Fe²⁺]₄ 1-52873
- Tricker, M.J. *see* John, P. 1-21720, 1-39127
- Tricker, M.J. *see* Tait, N.R.S. 1-21817
- Tricker, M.J. *see* Vaishnava, P.P. 1-26095
- Tricoire, H. *see* Gerschel, C. 1-45519
- Tricoles, G., Brundage, E., Rope, E.L. Real-time holography with microwaves and millimeter waves 1-51414
- Tricoles, G., Rope, E.L., Hayward, R.A. Electromagnetic field distributions near dielectric slabs and hollow dielectric wedges 1-1439
- Tricoles, G., Rope, E.L., Hayward, R.A. Sub-resolution in microwave holography 1-41629
- Trieb, L. *see* Adunka, F. 1-25445
- Trieb, L. *see* Schrank, J. 1-16913
- Triefenbach, D. *see* Struck, B.D. 1-39840
- Trier, R.M. *see* Santschi, P.H. 1-32466
- Trierweiler, R. *see* Imhof, K. 1-44003
- Trifonov, A.G. *see* Andrizhievskii, A.A. 1-18740
- Trifonov, E.D., Troshin, A.S., Shamrov, N.I. Cooperative Raman scattering 1-28929
- Trifonov, I.A. *see* Rusev, D.S. 1-47904
- Trifonov, Yu.M. *see* Avatinyan, G.A. 1-37539
- Trigo, G.G. *see* Bellanato, J. 1-12493
- Trigubov, A.V. Theoretical and experimental evaluations of the effectiveness of a trench source of transverse waves 1-9112
- Trigubov, A.V., Kulikov, V.A. Experimental study of the barrier source of S-waves in dry soils 1-40079
- Trigubov, A.V. *see* Vedernikov, G.V. 1-40231
- Triguñay, G.C. *see* Wahab, M.A. 1-15827, 1-38326
- Trihna, S.K., Jain, S.C. Computer simulation of the phase transition in ice 1-52285
- Trikouros, N.G., Bond, F.R., Broughton, T.G. Development of thermal-hydraulic analysis methods at GPU Nuclear 1-50885
- Trilhe, J. *see* Pons, M. 1-12005

- Trilling, G.H. *see* Abrams, G.S. 1-10208, 1-10242, 1-30450
- Trilling, G.H. *see* Dorfan, J.M. 1-41020
- Trilling, G.H. *see* Himel, T.M. 1-18482
- Trilling, G.H. *see* Scharre, D.L. 1-18485, 1-45292
- Trimbitas, I., Ghergu, D., Dananau, E. Signal generation—basic parameter in the field stage of the seismic exploration 1-40076
- Trimble, L.C., Owens, W.L. Review of Mini-OTEC performance 1-53645
- Trimble, V.L. Binary stars in globular and open clusters 1-36341
- Trimmer, D., Bonner, B., Heard, H.C., Duba, A. Effect of pressure and stress on water transport in intact and fractured gabbro and granite 1-49260
- Trimper, S. Field-induced domain-like behaviour in the smectic C phase 1-52061
- Trinajstić, N. *see* Mekenyan, O. 1-4117
- Trincher, K. The information content of intracellular water and its accumulation in embryo and phylogenesis 1-39862
- Trindade, H.A., Oliveira, A.E., Pfeiffer, W.G., Londres, H., Costa-Ribeiro, C. Meteorological parameters and concentration of total suspended particulates in the urban area of Rio de Janeiro 1-17331
- Trindade, S.C. *see* Goldstein, L., Jr. 1-53684
- Trine-Yie Dawn A stability analysis for nuclear reactor systems 1-45580
- Trines, D. *see* Brandelick, R. 1-23510, 1-23527, 1-50411
- Trinh, N.-G. *see* Eteiba, M. 1-20000
- Trinkaush, H., Ullmaier, H. On the modelling of the high temperature embrittlement due to helium 1-15949
- Trinkler, L.F., Trinkler, M. The Jahn-Teller effect of the activation centers in KCl-Sn crystal 1-16602
- Trinkler, M. *see* Trinkler, L.F. 1-16602
- Trinkler, M.F. *see* Kalnin, A.E. 1-16603
- Trinko, T. *see* Heagy, S.M. 1-50433
- Trinks, H. *see* Schilf, N. 1-23363
- Trinks, U. *see* Kugler, K.-J. 1-10562
- Trinkunas, G.P., Naslenas, E.P. Single-configuration approximation for scattering lengths of electrons scattered by atoms in the $1s^2 2s^2 2p^N$ configuration 1-15010
- Trinquier, J. *see* Ballard, J.L. 1-15770
- Trinquier, J. *see* Martinez, J.P. 1-30007
- Triodina, N.S. *see* Denks, V.P. 1-31195
- Triolo, R., Narten, A.H. X-ray diffraction study of molten zinc chloride at 323°C 1-38252
- Tripathi, A. *see* Dubey, B.L. 1-30175
- Tripathi, A.K. Electrical transport in NdCrO₃ 1-2994
- Tripathi, A.K., Lal, H.B. Electrical transport in rare-earth molybdates: Gd₂(MoO₄)₃ and Tb₂(MoO₄)₃ 1-25725
- Tripathi, G.N.R. The vibrational factor group splittings in crystalline aniline 1-30332
- Tripathi, G.N.R. Crystal spectra and vibrational assignments in α -resorcinol 1-39076
- Tripathi, K.C. *see* Sarma, P.R. 1-23939
- Tripathi, L.N., Chaubey, B.R., Mishra, C.P. Electroluminescence in ZnO:Sm, ZnO:(Sm, Cu) and ZnO:(Sm, Ag) phosphors 1-43183
- Tripathi, L.N., Chaubey, B.R., Mishra, C.P., Mishra, Y. Letters to the editor 1-16593
- Tripathi, R., Rai, S.B., Upadhyay, K.N. The A-X system of the SbO⁺ molecule 1-41371
- Tripathi, R. *see* Mishra, G.P. 1-45931
- Tripathi, R.K., Faessler, A., Shimizu, K. Role of $\Delta(1232)$ in pion condensation in ¹⁶O 1-10330
- Tripathi, R.S. *see* Das, S.K. 1-47899
- Tripathi, R.S. *see* Sharma, K.C. 1-34681
- Tripathi, T.C. *see* Sharma, R.G. 1-5324
- Tripathi, V.K. *see* Salimullah, M. 1-46454
- Tripathy, D.N. *see* Satapathy, U.C. 1-15002
- Tripathy, S.K. *see* Hopfinger, A.J. 1-52082
- Tripoli, G.J., Cotton, W.R. A numerical investigation of several factors contributing to the observed variable intensity of deep convection over South Florida 1-54185
- Triptonen, I.G. *see* Varidov, V.N. 1-15713
- Tripp, J.H. *see* Farrell, D.E. 1-4303, 1-8940
- Trippie, G. *see* Rehme, K. 1-23737
- Trippel, A.F. *see* Kanishcheva, A.S. 1-30189
- Trischka, J.W. Cone models of mountain peaks associated with atmospheric vortex streets 1-36046
- Trischuk, J. *see* Afek, Y. 1-18469
- Trischuk, J. *see* Faissler, W. 1-45351
- Trischuk, J. *see* Ushida, N. 1-546
- Trishin, B.P. *see* Vishnevskii, I.N. 1-23584
- Trishin, V.V. *see* Babenko, V.V. 1-667
- Triskova, M. *see* Miler, M. 1-11181
- Trissl, H.-W. The concept of chemical capacitance. A critique 1-39900
- Tritton, S.B. *see* Longmore, A.J. 1-13703
- Trivailo, P.M. *see* Vasilenko, N.V. 1-1876
- Trivedi, H.P. Equivalence of the variational criteria in the calculation of the nuclear spin-spin coupling constant of HD 1-6288
- Trivedi, N.B. *see* Kane, R.P. 1-13632, 1-22765
- Trivedi, N.B. *see* Kantor, I.J. 1-53984
- Trivedi, R. *see* Klaren, C.M. 1-26444
- Trivedi, S.G. *see* Joshi, M.S. 1-30178, 1-53076
- Trivedi, S.S., Grover, C.P. Image multiplexing with image retrieval using a slit source 1-6492
- Trivero, P. *see* Bonino, G. 1-4589, 1-54193
- Trivich, D. *see* Papadimitriou, L. 1-43771
- Trizna, D.B., Bogle, R.W., Moore, J.C., Howe, C.M. Observation by HF radar of the Phillips resonance mechanism for generation of wind waves 1-13475
- Trka, Z. *see* Abdrhmanov, E.O. 1-722
- Trkova, Ya. *see* Abdrhmanov, E.O. 1-722
- Trnka, J. Efficiency of nuclear power complex 1-743
- Trnovcova, V. Influence of impurities and defects on the structure and transport properties of chalcogenide glasses 1-15804
- Troade, J.P., Bideau, D. Transport properties of conducting and insulating mixture of spheres: Percolation effect study 1-34672
- Trobbiani, V. *see* Carboni, G. 1-15040
- Troc, R. Magnetic behaviour of the 5f-4f cubic systems 1-47914
- Troc, R., Leciejewicz, J., Lander, G.H. The magnetic phase diagram of the UP-USe system 1-12290
- Trocraz, M. *see* Grange, G. 1-21137
- Trocha, P.J., Catravas, G.N. Variation in cyclic nucleotide levels and lysosomal enzyme activities in the irradiated rat 1-26959
- Troche, N. *see* Tapucu, A. 1-50737
- Trocheris, M. The history of controlled fusion research 1-49931
- Trocheris, M. *see* Gervais, F. 1-11554
- Trochon, J. The (n, γ) reaction in slow-neutron-induced resonances in ²³⁹Pu, ²³⁵U and ²⁴¹Pu 1-50677
- Trodahl, H.J. *see* Wassilief, C. 1-25709
- Troe, J. Solutions of the master equation for multiphoton dissociation 1-1293
- Troe, J. Atom and radical recombination reactions 1-12997
- Troe, J. Mixture ratios in thermal unimolecular reactions 1-21697
- Troen, I., Mikkelsen, T., Larsen, S.E. Note on spectral diffusivity theory 1-21952
- Trofimchuk, E.G. *see* Zinchenko, V.I. 1-46773
- Trofimenko, E.E. *see* Kuzhir, P.G. 1-33233
- Trofimov, G.S. *see* Kol'tsova, I.S. 1-38468
- Trofimov, I.B. Birefringence mechanism in PLZT polycrystalline solid solutions in longitudinal electrooptic effect conditions 1-48032
- Trofimov, I.L. Contribution to the study of the electromagnetic field produced by the movement of water in a limitless sea 1-22196
- Trofimov, I.N. *see* Kuchin, N.L. 1-28714
- Trofimov, O.A. *see* Ageeva, E.D. 1-3784
- Trofimov, V.A. *see* Egorov, Yu.P. 1-22494
- Trofimov, V.I. *see* Osadchenko, V.A. 1-25595
- Trofimov, V.P. *see* Blokh, A.G. 1-29519
- Trofimov, V.S. *see* Mikhailov, A.N. 1-26583
- Trofimov, V.V., Leont'ev, S.A. Nondestructive determination of curves of residual stresses in alloys after chemothermal treatment 1-8502
- Trofimova, A.A. *see* Volyak, T.B. 1-24474
- Trofimova, L.M. *see* Arkhangelskaya, V.A. 1-43143
- Trofimova, L.M. *see* Reiterov, V.M. 1-37569
- Trofimova, L.N. *see* Bazelyuk, G.Ya. 1-7177
- Trofimova, T.A. *see* Demura, G.Y. 1-13611
- Trofimova, T.K. *see* Bokov, V.I. 1-12372
- Trofimova, V.A., Kolobova, K.M., Nemnov, S.A. Determination of the relative position of the 3d-bands of elements from X-ray spectra of alloys 1-43220
- Trofimova, Zh.P. *see* Zub, E.M. 1-38795
- Trofimuk, A.A., Cherskii, N.V., Tsarev, V.P. Effect of hydrate formation, glaciation, and seismicity on the formation of hydrocarbon resources 1-22340
- Trogon, S.A., Joseph, D.D. The stick-slip problem for a round jet. I. Large surface tension 1-51840
- Trogus, W. *see* Gilg, W. 1-9343
- Troiano, A.R. *see* Shamkian, R.L. 1-26654
- Troiano, A.R. *see* Vaccaro, F.P. 1-43574
- Troim, J. *see* Grandal, B. 1-32578
- Troinar, K., Bazan, Ch., Glin'ski, M. Electromagnet for fields up to 20 T 1-44962
- Troitskaya, L.S. Equations of three solid body motion in Lyapunov's variables and Euler's angles 1-49481
- Troitskaya, V.A. *see* Glangeaud, F. 1-4714
- Troitskaya, V.A. *see* Gul'elmi, A.V. 1-13643
- Troitskaya, Ye.V. *see* Kurt, V.G. 1-4723
- Troitski, V.N., Grebtsova, O.M., Berestenko, V.I., Gurov, S.V., Pakhmatalina, A.Z. Thermal-oxidational stability of nitriles obtained by various methods 1-48714
- Troitskii, E.A. *see* Tarbeev, Yu.V. 1-23204
- Troitskii, O.A. Strengthening of metal crystals subjected to cyclic loading under the simultaneous action of an electric current 1-3993
- Troitskii, V.F. *see* Basov, N.G. 1-24389
- Troitskii, V.N. *see* Domashnev, I.A. 1-34819
- Troitskii, V.N. *see* Shul'ga, Yu.M. 1-12771
- Troitskii, V.N. *see* Torbov, V.I. 1-21399
- Troitskii, Yu.K. *see* Kol'chenko, A.P. 1-51537
- Troitskii, Yu.V. *see* Avtonomov, V.P. 1-33708
- Troitskii, Yu.V. *see* Sametov, A.R. 1-51523
- Troitskiy, B.V. *see* Misyura, V.A. 1-22599
- Troitskiy, V.B. Effect of movement of the Earth's surface on the ionosphere 1-22583
- Trojanova, Z. *see* Lukac, P. 1-21561, 1-26489, 1-43409, 1-43413
- Trojanovsky, A.M. *see* Khaikin, M.S. 1-7690
- Trokhian, A.M. *see* Belashchenko, G.I. 1-24629
- Trokhimets, A.I., Mardilovich, P.P., Buslov, D.K., Lysenko, G.N. IR spectra of the hydroxyl coating of γ -Al₂O₃ 1-3390
- Troland, T.H. *see* Heiles, C. 1-44652
- Troliinger, J.D. *see* Hildebrand, P.B. 1-41627
- Trollinger, J.D. Analysis of holographic diagnostics systems 1-10943
- Trombe, J.C. *see* Elliott, J.C. 1-30177
- Trombetti, A. *see* Carloti, M. 1-24138, 1-37201
- Trombetti, A. *see* Di Lonardo, G. 1-29031
- Trombik, W. *see* Konnerth, D. 1-18665
- Trobin, D. Dr. John William Draper 1-36483
- Trombka, J.I. *see* Lo I Yin 1-5447
- Tromel, M. Empirical relations for oxygen coordination at antimony (III) and tellurium (IV) in antimonites and tellurites 1-34279
- Trommer, R. *see* Muller, H. 1-35007
- Trommsdorff, H.P. *see* Decola, P.L. 1-24153
- Trompette, P. *see* Devaux, P. 1-46691
- Trompler, S. *see* Reinhardt, C. 1-20711
- Tronconi, A. *see* Castellini, G. 1-1780, 1-53930
- Tronconi, A. *see* Emiliani, P.L. 1-1779
- Trong, P.Hoang *see* Hoang Trong, P.
- Trong Son Dao *see* Son Dao Trong
- Trongmo, O., Shen, Q., Hagen, K., Seip, R. Molecular structure and conformation of 2,3-dichloro-1-propene as determined by gas-phase electron diffraction 1-46122
- Tronnier, H. *see* Anders, A. 1-35808, 1-35875
- Trontelj, M. *see* Kolar, D. 1-16747
- Troost, A. *see* Schlimmer, M. 1-8383
- Troost, B.T. *see* Bahill, A.T. 1-13236, 1-22024
- Troost, W. *see* Bais, F.A. 1-50309
- Trooster, J.M. *see* Calis, G.H.M. 1-10055
- Troper, A. *see* de Menezes, O.L.T. 1-2924
- Tropkin, E.N. *see* Birman, A.Ya. 1-41752
- Tropp, E.A. *see* Gun'ko, N.A. 1-4638, 1-34386
- Troshchenko, V.T., Rudenko, V.N., Tsybanov, G.V. Constructing the fatigue curves of metals on the basis of an energy criterion 1-3931
- Troshchenko, V.T., Zaslotskaya, L.A. Fatigue strength of superalloys subjected to combined mechanical and thermal loading 1-35387
- Troshin, A.S. *see* Smirnov, D.F. 1-41343
- Troshin, A.S. *see* Smirnov, S.I. 1-13159
- Troshin, A.S. *see* Trifonov, E.D. 1-28929
- Troshin, B.I. *see* Karapuzikov, A.I. 1-33710
- Troshin, L.P. *see* Lebedev, A.T. 1-24664
- Trossi, L. *see* Miraldi, E. 1-34229
- Trost, H.J. *see* Niczyporuk, B. 1-50421
- Trost, H.J. *see* Lezoch, P. 1-28451
- Trotman, C.K. *see* Garg, A.C. 1-3946
- Trotsenko, A.V. *see* Lavrenchenko, G.K. 1-5322
- Trott, G. *see* Furtak, T.E. 1-35049
- Trott, G.R., Furtak, T.E. Angular resolved Raman scattering using fiber optic probes 1-23317
- Trott, G.R., Furtak, T.E. The relationship of angle resolved light scattering from surface optical resonances to the surface enhanced Raman effect 1-39098
- Trott, W.M., Rice, J.K., Woodworth, J.R. Xe^{*} laser photolysis of OCSe at 172 nm: Se(S) production and quenching 1-39656
- Trotta, A. *see* Gottardi, V. 1-3701
- Trotter, C.M. *see* Callaghan, P.T. 1-14150
- Trotter, D.M., Jr. Optical properties of disordered rare earth-aluminum alloys 1-13102
- Trottet, G., Kerdraon, A. On modulations of radio type IV bursts 1-4890
- Trottet, G., Kerdraon, A., Benz, A.O., Treumann, R. Quasi-periodic short-term modulations during a moving type IV burst 1-36243
- Trottet, G., MacQueen, R.M. The orientation of pre-transient coronal magnetic fields 1-22768
- Trottier, J.P. *see* Lions, J. 1-31745
- Trottier, T.P. *see* Schulson, E.M. 1-8477
- Troudet, T. On the extended Thomas-Fermi approximation to the cranked harmonic oscillator 1-50530
- Troughton, H. *see* Woods, L.C. 1-2033
- Troup, A. *see* Mort, J. 1-7637
- Troup, G.J. *see* Baker, P.L. 1-40761
- Trousil, J. *see* Solnicka, H. 1-33367
- Troutr, T.R. *see* Stromberg, J.L. 1-19689
- Trowbridge, C.W. *see* Simkin, J. 1-10888
- Trowbridge, D.E., McDermott, L.C. Investigation of student understanding of the concept of velocity in one dimension 1-27697
- Trowbridge, D.E., McDermott, L.C. Investigation of student understanding of the concept of acceleration in one dimension 1-49898
- Trowell, P.L. *see* Durig, J.R. 1-51205
- Troxell, J.R., Watkins, G.D. Interstitial boron in silicon: A negative-U system 1-2913
- Troyan, I.A. *see* Sinaiski, B.N. 1-31618
- Troyan, P.E. *see* Baruchevskii, Y.A. 1-31317
- Troyan, S.I. *see* Ryskin, M.G. 1-36850
- Troyan, V.I. *see* Borman, V.D. 1-11424, 1-29823
- Troyanovskii, I.E. *see* Mirsaidov, M. 1-35945

- Troyon, F. *see* Gruber, R. 1-51934
- Troyon, M. High current efficiency field emission gun system incorporating a preaccelerator magnetic lens. Its use in CTEM 1-18334
- Troyon, M. *see* Laberrigue, A. 1-50280
- Troyai, M. *see* Franzini, M. 1-31583
- Tsai, N., Ctryaky, J., Frelih, T., Ziberna, M., Zagar, J. A modified acousto-optic deflector of laser light with rotating wave vector 1-29379
- Trubacheva, E.A. *see* Boronov, V.V. 1-33620
- Trubakov, Yu.P. *see* Gabrianovich, B.N. 1-24885
- Trubatshev, A.M. *see* Bitshenkov, E.I. 1-33019
- Trubin, S.V. *see* Glikman, E.E. 1-26590
- Trubin, V.N. *see* Chernikova, I.Ya. 1-16820
- True, H., Nielsen, H.B. On bifurcation of stable periodic flows in an Ekman layer and in a convection boundary layer 1-42049
- True, M.A. Modelling of electrostatic spray plumes 1-21728
- True, N.S. *see* Caminati, W. 1-51187
- Trufanov, A.M. *see* Lovchikova, G.N. 1-41116
- Trufanov, A.M. *see* Simakov, S.P. 1-971
- Trufanov, A.N., Barnik, M.I., Blinov, L.M., Chigrinov, V.G. Electrohydrodynamic instability in homeotropically oriented layers of nematic liquid crystals 1-52066
- Truffin, C. *see* Brout, R. 1-9748
- Truhlik, E. *see* Ivanov, E.A. 1-50512
- Truhan, J.J., Wagner, L.M. Fabricating thin beryllium windows for X-ray applications 1-18351
- Truhlar, D.G., Onda, K. Numerical evaluation of matrix elements over eigenfunctions of one-dimensional vibrational problems 1-46055
- Truhlar, D.G. *see* Garrett, B.C. 1-6343, 1-37102, 1-48659
- Truhlar, D.G. *see* Gray, J.C. 1-37311
- Truhlar, D.G. *see* Onca, K. 1-23033
- Truhlar, D.G. *see* Onca, K. 1-6384
- Truhlar, D.G. *see* Thirumalai, D. 1-10852, 1-37117, 1-37340
- Truhlar, D.G. *see* Thompson, T.C. 1-6173
- Truhlik, E. *see* Hisek, J. 1-41104
- Truk, M., Makjanic, J., Bistrovic, M. Analysis of the bremsstrahlung beam with emphasis on the neutron contamination 1-41265
- Trukhan, A.A. *see* Ivanov, V.B. 1-22616
- Trukhan, G.E. *see* Tymyanskiy, Ya.R. 1-6551
- Trukhan, Yu.V. *see* Shulyakov, Yu.M. 1-12683
- Trukhin, A.N., Savel'ev, V.L., Glebov, L.B., Tolstoi, M.N. Excitation of intrinsic luminescence in pure sodium silicate glasses 1-43178
- Trukhin, A.N., Savel'ev, V.L., Tolstoi, M.N. Photoelectric properties of sodium silicate glasses in the fundamental absorption region 1-42824
- Trukhin, M.I. Molecular complexes of cyanine dyes 1-26017
- Trukhin, M.M. *see* Al'perovich, M.A. 1-8588
- Trullinger, S.E., DeLeonardis, R.M. Analytic statistical mechanics for a two-component-kink system 1-18174
- Trullinger, S.E. *see* Bruinsma, R. 1-20645
- Trullinger, S.E. *see* DeLeonardis, R.M. 1-23107
- Trullinger, S.E. *see* Rieborough, P.S. 1-21002, 1-47892
- Trullinger, S.E. *see* Subbaswamy, K.R. 1-5499
- Trulsen, J., Wikan, A. Numerical simulation of Poynting-Robertson and collisional effects in the interplanetary dust cloud 1-27353
- Trulsen, J. *see* Pesci, H.L. 1-38148
- Truman, M.J. *see* Laine, D.C. 1-22972
- Truman, S.D., Sharp, R.M., Adam, C.M. Hardness measurement in eutectic composites 1-31603
- Trumbore, F.A. *see* Di Salvo, F.J. 1-32007
- Trummel, M. *see* Korrovi, V. 1-26135
- Trumper, J. *see* Pietsch, W. 1-54661
- Trumper, J. *see* Stauber, R. 1-9724
- Trumpold, H., Haberecht, G. On the properties of surface plates and other measuring devices made of granite 1-23174
- Truner, V.V. *see* Kornyshev, Yu.D. 1-35135
- Trung Hua Chon *see* Chon Trung Hua
- Truong, N.N. *see* Bursian, E.V. 1-20797
- Trunov, V.A., Ulyanov, V.A., Dmitriev, R.P., Krutov, G.A. Depolarization of a neutron beam in anhydrous ferrous chloride in a magnetic field perpendicular to the anisotropy axis 1-25886
- Trunov, V.K. *see* Agre, V.M. 1-20180, 1-25251
- Trunov, V.K. *see* Efremov, V.A. 1-2416
- Trunov, V.K. *see* Polyakova, I.N. 1-30219, 1-30220
- Trunova, T.K., Zorin, A.Yu. Hydrodynamics of glass in a crucible with drainage through a central bottom hole 1-12710
- Truong, T.K. *see* Reed, I.S. 1-26981
- Truong, T.N. Role of square root threshold singularity in current algebra and chiral symmetry breaking calculations of K_1 , K_1 , and $\pi \rightarrow \pi\pi$ decays 1-50416
- Truong, T.N. *see* Penso, G. 1-576
- Truong, T.T. Ising field theory 1-28217
- Truong, T.T. *see* Schotte, K.D. 1-14088
- Truong, V.V. *see* Chee, K.T. 1-43197
- Truong-Quang, N. *see* Attai, J. 1-41932
- Truran, J.W. *see* Cowan, J.J. 1-49694
- Truran, J.W. *see* Ferland, G.J. 1-17845
- Truran, J.W. *see* Starfield, S. 1-49695
- Truscillo, V.C., Williams, A.N. The JPL parabolic dish project 1-48908
- Truscott, T.G. *see* Sinclair, R.S. 1-35827
- Truscott, W.S., Brewer, D.F. Melting and solidification of helium in restricted geometries 1-2752
- Truscott, W.S. *see* Dahm, A.J. 1-16132
- Truseva, N.A. *see* Panchenko, T.V. 1-25660
- Trush, K.V. *see* Basargin, O.V. 1-15379
- Trushina, V.M. *see* Grigoriev, A.S. 1-6832
- Trushkin, S.A. *see* Berlin, A.B. 1-17898
- Trusillo, S.V., Guzhovski, B.Ya., Makeev, N.G., Tsukerman, V.A. Determination of the neutron generation region in chambers with a plasma focus 1-45766
- Truskova, N.F. *see* Jager, H.U. 1-45985
- Truskova, N.F. *see* Vinitskii, S.I. 1-10876
- Trusov, B.G. *see* Moiseev, G.K. 1-31445
- Trusov, L.I. *see* Morokhov, I.D. 1-26775
- Trusov, V.F. *see* Anderson, E.M. 1-37165
- Trusova, E.M. *see* Leonov, A.I. 1-8606, 1-30448, 1-34478
- Truss, R.W., Han, K.S., Wallace, J.F., Geil, P.H. Cold compaction molding and sintering of ultra high molecular weight polyethylene 1-48320
- Trussell, H.J. Image analysis technique: a theoretical explanation 1-10516
- Trussoni, E. *see* Benford, G. 1-32769
- Trussoni, E. *see* Ferrari, A. 1-13680
- Truszkowska, K. Analysis of the reflection-transmission method for determining the optical constants of thin films 1-12593
- Truszkowski, W. On physical meaning of the stress-strain relationship parameters in high strength polycrystalline metals 1-3847
- Truszkowski, W. On heterogeneity of texture in single and polycrystalline metals 1-48355
- Trytschler, K. *see* Deiters, K. 1-51044
- Tryde, P. Physics and mechanics of ice 1-53239
- Trykozko, R. *see* Pekala, K. 1-47619
- Tryon, P.V. *see* Barnes, J.A. 1-54469
- Trzaskoma, W.P. *see* Murthy, M.L.R. 1-53630
- Trzaskoma, P. The magnetic susceptibility of intermediate valence compounds in the simplified periodic Anderson model with f levels split by crystal field 1-34841
- Trzebiatowski, K. *see* Gzowski, O. 1-30803
- Trzebiatowski, W. The structure and properties of some intermetallic compounds 1-52110
- Trzhaskovskaya, M.B. *see* Band, I.M. 1-10699
- Tsaya, D.N. *see* Gamtsemdzhe, G.A. 1-34532
- Tsagareishvili, D.Sh. *see* Tsagareishvili, G.V. 1-20426
- Tsagareishvili, G.V., Tsagareishvili, D.Sh., Khvedelidze, A.G. Estimation of some thermoelastic properties of β rhombohedral boron in wide ranges of temperature and pressure 1-20426
- Tsagas, N.F. *see* Yousef, A.M. 1-15638
- Tsai, B.P., Eland, J.H.D. Mass spectra and doubly charged ions in photoionization at 30.4 nm and 58.4 nm 1-6325
- Tsai, C.C., Nemanich, R.J., Sigmon, T.W. Silicide formation at the interface of Pd on amorphous and crystalline Si 1-52441
- Tsai, C.C. *see* Menon, M.M. 1-985
- Tsai, C.S. Review on guided-wave acousto-optics with application to wideband real-time signal processing 1-15290
- Tsai, D.H., Trevino, S.F. Thermal relaxation in a liquid under shock compression 1-38427
- Tsai, D.Y. *see* Uchida, S. 1-49106
- Tsai, M.Y. *see* d'Heurle, F.M. 1-42646
- Tsai, R.L., Raj, R. The role of grain-boundary sliding in fracture of hot-pressed Si_3N_4 at high temperatures 1-26598
- Tsai, S. *see* Mansfeld, F. 1-43567
- Tsai, S.S. The NACOM code for analysis of postulated sodium spray fires in LMFBRs 1-14654
- Tsai, S.Y. Multi-quark states: their classification production and possible presence in nuclei 1-40968
- Tsai, Y.M. Viscoelastic effects in the propagation of a central crack 1-1837
- Tsai Ching-Long *see* Ching-Long Tsai
- Tsai Chu *see* Fiorino, A. 1-50583
- Tsai Ming-Chi *see* Ming-Chi Tsai
- Tsai Shih-tung *see* Shih-tung Tsai
- Tsai Yang Tien *see* Tien Tsai Yang
- Tsakadze, J. *see* Tsakadze, J.S. 1-9548
- Tsakadze, J.S., Tsakadze, J. Simulation of pulsar behavior in a low-temperature laboratory 1-9548
- Tsakadze, J.S. *see* Nadirashvili, Z.Sh. 1-11931, 1-11953
- Tsakalakos, T. The bulge test: a comparison of theory and experiment for isotropic and anisotropic films 1-35302
- Tsakalakos, T. *see* Mayo, W.E. 1-21451
- Tsakalakos, T. *see* Pangborn, R.N. 1-31639
- Tsakiropolos, P. *see* Buckle, E.R. 1-31448
- Tsakanova, E.V. *see* Aizenberg, A.N. 1-31802
- Tsal, N.A., Antoniv, I.P. Dissociation of alkali halides by electron bombardment 1-4086
- Tsalko, E.A. *see* Vysukubenko, Yu.A. 1-1957
- Tsalis, C. Conjecture on the critical frontier of the fully anisotropic homogeneous quenched bond-mixed Potts ferromagnet in square lattice 1-42964
- Tsalis, C. *see* Curado, E.M.F. 1-42977
- Tsaluyk, M.V. *see* Voznesenskii, B.S. 1-27292
- Tsan Ung Chan, Bruandet, J.F., Chambon, B., Dauchy, A., Drain, D., Giorni, A., Glasser, F., Morand, C. High spin levels in ^{63}Cu ; isomeric $17/2$ yrast states 1-10296
- Tsang, C. *see* Decker, S.K. 1-7910
- Tsang, E. *see* Baberschke, K. 1-12261
- Tsang, J.C., Demuth, J.E., Sanda, P.N., Kirtley, J.R. Enhanced Raman scattering from carbon layers on silver 1-16559
- Tsang, J.C., Kirtley, J.R., Theis, T.N. Surface plasmon polariton contributions to Stokes emission from molecular monolayers on periodic Ag surfaces 1-3413
- Tsang, J.C. *see* Jha, S.S. 1-24158
- Tsang, J.C. *see* Kirtley, J.R. 1-7757, 1-46478
- Tsang, J.C. *see* Meyer, R.J. 1-34557
- Tsang, J.C. *see* Sanda, P.N. 1-11978
- Tsang, J.-K., Ginsberg, D.M. Electron-tunneling observation of localized excited states in superconducting manganese-doped lead 1-20925
- Tsang, K.W. *see* Nainpally, A. 1-32100
- Tsang, L. *see* Chuang, S.L. 1-35986
- Tsang, T., Jenkins, W.D. Time correlation functions in classical dense fluids 1-25134
- Tsang, W.T. Symmetric separate confinement heterostructure lasers with low threshold and narrow beam divergence by MBE 1-24418
- Tsang, W.T., Hartman, R.L., Holbrook, W.R., Fraley, P.E., Dixon, M., Schorr, A.J. (AlGa)As DH lasers grown by molecular beam epitaxy for optical communication systems 1-41747
- Tsang, W.T., Holbrook, W.R., Fraley, P.E. The high-temperature (55-70°C) device characteristics of CW (AlGa)As double-heterostructure proton-bombarded stripe lasers grown by molecular beam epitaxy 1-46338
- Tsang, W.T. *see* Stormer, H.L. 1-16354
- Tsang, Y.W., Fong, C.Y. Conductivity reduction study for graphite—a tight binding calculation for neon intercalated graphite 1-47628
- Tsang Chin Fu *see* Chin Fu Tsang
- Tsang Leung *see* Leung Tsang
- Tsang Wing *see* Wing Tsang
- Tsankov, L., Burin, K. Method for monitoring the law of motion of Mossbauer vibrators 1-993
- Tsankov, L. *see* Ormandzhiev, S. 1-40829
- Tsankov, L.T. The spectrum of Mossbauer radiation passed through a vibrating resonant medium 1-7976
- Tsankov, L.T. Resonant and non-resonant amplitude modulation of Mossbauer gamma-quanta 1-7977
- Tsankov, L.T. Experimental observations on the resonant amplitude modulation of Mossbauer gamma rays 1-31066
- Tsao, C.H. *see* Duggal, S.P. 1-4728
- Tsao, J. *see* Burak, I. 1-33527
- Tsao, J.Y., Black, J.G., Yablonsovitch, E., Burak, I. Observation of direct infrared multiphoton pumping of the triplet manifold of biacetyl 1-1134
- Tsao, J.Y. *see* Burak, I. 1-37185
- Tsao, T.R. *see* Cassano, A.A. 1-48788
- Tsao Hsiao-Wen *see* Cao Xiaowen 1-3088
- Tsao Hung-Sheng *see* Hung-Sheng Tsao
- Tsao Yu-Shing *see* Yu-Shing Tsao
- Tsap, T.T. The magnetic fields, velocity fields and brightness in the central region of the solar disk 1-17806
- Tsap, T.T. Magnetographic observations of magnetic field in undisturbed and active regions on the Sun 1-27449
- Tsapakh, S.L. *see* Tikhonov, K.I. 1-35528
- Tsapenko, A.M. *see* Vinogradova, A.A. 1-37492
- Tsapenko, M.P. *see* Amromin, S.D. 1-32298
- Tsapko, N.D. *see* Svistunov, V.M. 1-3115
- Tsarenko, N.V. *see* Gerashchenko, O.A. 1-8641
- Tsarenko, P.I. *see* Sysoev, V.G. 1-35439
- Tsarenko, V.M. *see* Efimov, S.S. 1-13467
- Tsarenkov, B.V. *see* Bessolov, V.N. 1-42855
- Tsarenkov, B.V. *see* Dedegkaev, T.I. 1-52455
- Tsarenkov, B.V. *see* Evstropov, V.V. 1-19343
- Tsarev, A.V. *see* Kolosovskii, E.A. 1-51643
- Tsarev, O.M. *see* Aivazov, M.I. 1-7141, 1-38342
- Tsarev, V.A. *see* Zotov, N.P. 1-10163
- Tsarev, V.P. *see* Trofimuk, A.A. 1-22340
- Tsarskii, G.S. *see* Kardashev, N.S. 1-44442
- Tsarkova, M.B. *see* Shcherbakova, T.I. 1-42982
- Tsaryuk, O.V. *see* Snopko, V.N. 1-6593
- Tsatryan, A.K., Zhelamskii, S.V. Interrelationship of deformation and activation of cardiac muscle 1-49044
- Tsatryan, A.K. *see* Grigoryan, S.S. 1-26934
- Tsatryan, A.B., Khmara, Yu.I., Yagodin, V.M., Nikol'skii, V.A., Mostitskii, A.V. Use of le Chatelier formula to calculate liquid-solid equilibria (solutions of light paraffins and nitrogen) 1-2600
- Tsaur, B.Y., Hung, L.S. Epitaxial alignment of polycrystalline Si films on (100) Si 1-16197
- Tsaur, B.Y., Hung, L.S. Ion-beam-induced modification of silicic diffusion in rare-earth metals: Er-Si and Tb-Si systems 1-38672
- Tsaur, B.Y., Mayer, J.W. Metastable Au-Si alloy formation induced by ion-beam interface mixing 1-52160

- Tsaur, B.Y., Mayer, J.W., Graczyk, J.F., Tu, K.N. Ion-beam-induced metastable Pt_{2Si} phase. II. Kinetics and morphology 1-16275
- Tsaur, B.Y., Mayer, J.W., Tu, K.N. Ion-beam induced metastable Pt_{2Si} phase. I. Formation, structure, and properties 1-15838
- Tsaur, B.Y., Nicolet, M.-A. Reversible phase transformation in the Pd_{2Si} - $PdSi$ thin-film system 1-25581
- Tsaur, B.Y. see Colgan, E.G. 1-38679
- Tsaur Bor-Yu see Bor-Yu Tsaur
- Tsay, M.K. see Ting-Wang 1-13585
- Tsay Mu-King see Mu-King Tsay
- Tsay Sun-Yuan see Sun-Yuan Tsay
- Tschamuter, W.M. 1D, 2D and 3D collapse of interstellar clouds 1-40470
- Tschegg, E., Stanzl, S. Fatigue crack propagation and threshold in BCC and FCC metals at 77 and 293K 1-26579
- Tschegg, E. see Stanzl, S. 1-26578
- Tschersich, K.G. see Seggern, J. 1-26342
- Tschoke, H. see Moller, R. 1-23761
- Tschopp, A. see Cogoli, A. 1-32265
- Tschudi, T., Laeri, F., Schneebberger, B., Heiniger, F. Some contributions to active optical feedback systems 1-41592
- Tschudi, T. see Laeri, F. 1-46243
- Tschudi, T. see Schneebberger, B. 1-41731
- Tschunko, H.F.A. Annular apertures with low and high obstruction 1-37419
- Tse, J.S. Calculation of single orbital relaxations accompanying core ionization in the isoelectronic ten electrons hydrides by the $X\alpha$ -SW method 1-6160
- Tse, J.S. A SCF $X\alpha$ SW study of the shake-up in $TiCl_4$ 1-33383
- Tse, J.S. Calculation of multiplet structures in shakeup spectra by the $X\alpha$ method 1-33397
- Tse, M.-C. see Newman, B.G. 1-11419
- Tse, S.T. see Weiner, H.J. 1-49967
- Tse, Y.-C., Newton, M.D., Allen, L.C. Theoretical study of the 0-methyl substituent effect in $-O...O=$ hydrogen bonds 1-6155
- Tsebers, A.O. Internal rotation in the hydrodynamics of weakly conducting dielectric suspensions 1-51875
- Tsebers, A.O., Maiorov, M.M. Magnetostatic instabilities in plane layers of magnetizable liquids 1-19822
- Tsebers, A.O., Maiorov, M.M. Magnetostatic instabilities in plane layers of magnetizable liquids 1-34919
- Tsebreukov, M.V., Rezvanov, N.M. Rheology of molten blends of polyoxymethylene and ethylene-vinyl acetate copolymer and the microstructure of extrudates as a function of their melt viscosities 1-47140
- Tsedilina, Ye.Ye. see Gurevich, A.V. 1-22580
- Tseitlin, G.M. see Gerasimenko, N.N. 1-11184, 1-38413
- Tseitlin, V.I., Fedorchenko, D.G. Evaluating the endurance of parts under the combined influence of repeated-static and vibrational loading 1-30310
- Tselinko, A.M. see Danileiko, M.V. 1-46399
- Tselinko, D.S. Impact of a rigid plate on a half-strip of incompressible liquid 1-15462
- Tsementzis, S.A. see Walsh, E.G. 1-49142
- Tsendin, L.D. see Voskoboinikov, S.P. 1-38138
- Tsendin, L.D. see Zhilinskii, A.P. 1-2161
- Tsenev, N.K. see Valiev, R.Z. 1-48367
- Tseng, B.H. see Hwang, H.L. 1-30588
- Tseng, C.-L. see Hsu, P.-C. 1-18965
- Tseng, T.J., Hong, S.H., Whitehead, M.A. The SCF- $X\alpha$ -SW method: the one-electron eigenvalues and total energies for even-Z atoms, Ne to Ar 1-10643
- Tseng, T.J. see Rooney, B. 1-1091
- Tseng, W. see Lau, S.S. 1-47415
- Tseng, W.F. see Hung, L.S. 1-38677
- Tseng, W.-F. see Wirtz, R.A. 1-1982
- Tseng Yue Juh see Juh Tseng Yue
- Tsenina, I.S. see Levinson, D.I. 1-31242
- Tsenta, T.E. see Kolotyryk, Ya.M. 1-53347
- Tsepelev, A.B. see Bystryl, L.N. 1-16800
- Tsepelev, Ya.M. Domestic fiber-optics endoscopes [of the USSR] 1-8946
- Tsepelev, Ya.M., Fincev, N.E. Optical properties of flexible fiber-optics endoscopes 1-8947
- Tseretintov, S.S. see Alipchenkov, V.M. 1-19949
- Tseretintov, S.S. see Lazebnik, D.B. 1-19977
- Tsersvadze, A.A. see Gerasimov, A.B. 1-30275
- Tsesnik, L.S. see Gorshkov, V.A. 1-11192
- Tsetovich, A.C.C., Chan, H.C. A technico-economic study of large scale uses of oxygen 1-43736
- Tseung, A.C.C., Rasiyah, P., Man, M.C.M., Yeung, K.L.K. Optimization of gas evolving tellurium bonded electrodes 1-39650
- Tseytlin, A.A. Two-dimensional Kahler Einstein spaces and gravitational instantons 1-18133
- Tseytlin, B.M. see Gayduk, V.I. 1-16539
- Tseytlin, M.B., Bernashevskiy, G.A. Approximate investigation of the electron capture conditions in the presence of a nonlinear interaction of electron ion-beams 1-15623
- Tshetsyag, K. see Popov, A.B. 1-5757
- Tsiamis, C. see Suppan, P. 1-15031
- Tsibina, A.A., Shilov, A.M. Method for determining the structure of test schemes 1-5268
- Tsibulya, A.M. see Voropaev, A.I. 1-23739
- Tsidelko, V.D., Teslenko, V.A., Stanislavskaya, S.M., Voronova, N.F. High-precision instrument for resistance measurements of resistive transducers 1-18211
- Tsidil'kovskii, I.M., Yakunin, M.V. New peak of magnetophonon resonance in n-type InSb 1-2991
- Tsidil'kovskii, I.M. see Davydov, A.B. 1-2989
- Tsidil'kovskii, I.M. see Gluzman, N.G. 1-20775
- Tsidil'kovskii, V.I. see Chebotin, V.N. 1-52291
- Tsidulko, I.M. Effect of the thickness of the active region on the temperature dependence of the threshold current in homojunction lasers 1-33688
- Tsidulko, Yu.A. see Vorob'ev, V.V. 1-52897
- Tsien, P.H. see Tsou, S.C. 1-2475
- Tsikhotskii, E.S. see Barabanova, L.A. 1-7990
- Tsikhotskii, E.S. see Turik, A.V. 1-52894
- Tsiklin, B.G. Emission of electromagnetic waves by electron beams in free space 1-33613
- Tsikora, L.I. see Kurik, M.V. 1-21225
- Tsikoudi, V. Photometry and structure of lenticular galaxies. II. NGC 4111 and NGC 4762 1-9668
- Tsikoza, L.T., Tarasova, D.V., Felonov, V.B. Porous structure and mechanical strength of copper oxide 1-16833
- Tsil'ker, L.S. Application of waveguide isolators for the attenuation of flexural modes on a plate driven by a point force 1-37840
- Tsil'ko, V.M. see Imre, A.I. 1-6392
- Tsifano, K.C. Sunspots and the physics of magnetic flux tubes. X. On the hydrodynamic instability of buoyant fields 1-9445
- Tsintsadze, G.A. see Lukin, S.N. 1-44971
- Tsintsadze, N.L. see Berezhiani, V.I. 1-6945
- Tsintsadze, N.L. see Gogishvili, G.E. 1-24982
- Tsintsadze, N.L. see Khirseli, E.M. 1-24964
- Tsintsadze, N.L. see Nishikawa, K. 1-38109
- Tsintsadze, V.D. see Boos, E.G. 1-5661
- Tsiolkvin, Yu.N. see Kurov, N.I. 1-12096, 1-30967
- Tsipenyuk, Yu.M. see Smirenkin, G.N. 1-50674
- Tsipin, V.S. see Kutkin, T.I. 1-24954
- Tsipivka, Yu.I., Neumann, H., Unger, K. Dielectric function of free carriers with a nonparabolic dispersion relation 1-12053
- Tsiprin, M.G., Irgen, L.A., Kerch, G.M., Silis, Yu.Yu. Apparatus for isometric heating and thermomechanical testing of films and fibers 1-17013
- Tsiraniotis, C., Antonopoulos, J.G., Stoemenos, J. On the growth of cuprous oxide films 1-2844
- Tsiratas, G. see Jourdain, G. 1-46645
- Tsirlin, A.M. see Shorshorov, M.Kh. 1-3887
- Tsirlin, M.S., Zakharova, L.I., Khodan, A.N., Bechkanov, V.N. Phase transitions in high-temperature oxidation of boro-silicide coatings on molybdenum 1-39522
- Tsirina, E.A. see Shipil'rain, E.E. 1-47254
- Tsirl'nikov, E.M. see Gavrilov, L.R. 1-39962
- Tsiskarishvili, G.P. see Andrianov, D.G. 1-20971
- Tsitlik, J.E., Chandra, N., Wesfeldt, M.L. Instrumentation for cardiopulmonary resuscitation 1-13357
- Tsitovich, V.N. Non-linear absorption of electromagnetic waves during resonance heating of plasma particles 1-24952
- Tsilyanu, D.I. see Andriesh, A.M. 1-2977
- Tsivileva, I.M. see Alekseeva, Z.M. 1-20453
- Tsivinsky, S.V., Maslova, L.A. Subgrain structure formation in pure crystals grown from melts 1-20083
- Tsivirko, E.I., Ulitenko, A.N., Stetsenko, N.A., Burova, N.M. The Epikut automatic structure analyzer for the quantitative determination of austenitic grain size 1-21668
- Tsitivvadze, E.T. see Abdrhamanov, E.O. 1-722
- Tsitivvadze, E.T. see Abesalashvili, L.N. 1-10273, 1-18526
- Tsiv'yan, Ya.L. see Raikhshteyn, V.E. 1-32172
- Tskhadaya, F.G. see Zhgenti, V.S. 1-6783
- Tskhai, N.S. see Osin, M.N. 1-29808
- Tskhai, V.A. see Kirsanov, V.V. 1-24033
- Tskhai, V.A. see Mokhracheva, L.V. 1-52464
- Tskhakaya, D.D. see Barkhudarov, E.M. 1-24959
- Tskhakaya, D.D. see Berezhiani, V.I. 1-6945
- Tslaf, A. Calculation of the temperature in a conductive track of an arc on the surface of a magnet-blast chute 1-34170
- Tsmots', V.M. see Blashkiv, V.S. 1-43195
- Tso, T. see Berglund, A. 1-36881
- Tso-Chao Chiang see Chiang Tso-Chao
- Tso-hsiu Ho see Cheng-rui Ching 1-40985
- Tsol, E.G. see Alikov, B.A. 1-45385, 1-45459
- Tsol, T.G. see Bedilov, M.R. 1-31262
- Tsong, I.S.T., Houser, C.A., Tong, S.S.C. Depth profiles of interdiffusing species in hydrated glasses 1-30488
- Tsong, J.S.T. see Houser, C.A. 1-20477
- Tsong, T.T., Casanova, R. Migration behavior of single tungsten atoms and tungsten diatomic clusters on the tungsten (110) plane 1-25540
- Tsong, T.T., Ng, Y.S., McLane, S.B., Jr. Surface segregation of Ni-Cu alloy in nitrogen and oxygen: an atom-probe field-ion microscope study 1-42611
- Tsong, T.T. see Casanova, R. 1-47376
- Tsongi, I.S.T. see Williams, P. 1-31277
- Tsou, J.C. see Quesnel, D.J. 1-2502
- Tsou, S.C., Tsien, P.H., Takai, M., Roschen-thaler, D., Ramin, M., Ryssel, H., Ruge, I. Front and back surface CW CO₂-laser annealing of arsenic ion-implanted silicon 1-2475
- Tsou Sheung Tsun see Chan Jong-Mo 1-5495
- Tsoukalas, J.A. see Chadjivasiliou, S. 1-30717
- Tsu, R., Izu, M., Cannella, V., Ovshinsky, S.R., Jan, G.-J., Pollak, F.H. Electronic and vibronic properties of glow-discharge amorphous Si:F:H 1-53006
- Tsu, R., Izu, M., Ovshinsky, S.R., Pollak, F.H. Electroluminescence and Raman scattering investigation of glow discharge amorphous Si:F:H 1-35044
- Tsu Wei Chou see Nomura, S. 1-25467
- Tsu-Wei Chou, Kelly, A. Mechanical properties of composites 1-39451
- Tsu-Wei Chou, Nomura, S., Taya, M. A self-consistent approach to the elastic stiffness of short-fiber composites 1-21501
- Tsubaki, K., Sugiyama, K. Heat treatment of Zn-doped p-type InP 1-25726
- Tsubakino, H., Nozato, R., Ishiguro, K. On the secondary reaction associated with eutectoid transformation in Cu-Be alloy 1-26452
- Tsubakino, H., Nozato, R., Mitani, H. The influence of cobalt content on the volume fraction of discontinuous precipitation cells in Cu-2 wt.% Be-Co alloys 1-31461
- Tsubakino, H. see Nozato, R. 1-26508
- Tsuboi, M. see Hamada, Y. 1-24137
- Tsuboi, M. see Ishiguro, T. 1-24155
- Tsuboi, T. Magnetic circular dichroism of off-centered Cu²⁺ and on-centered Cu²⁺ in alkali halides 1-8047
- Tsuboi, T. Three charge transfer bands in Pb²⁺-doped alkali halides 1-12533
- Tsuboi, T. TI⁺-dimer absorption bands in KBr 1-26242
- Tsuboi, T., Sakoda, S. Electronic structure of the TI⁺ center in KCl. II. Relation to the D band 1-26246
- Tsuboi, T. see Sakoda, S. 1-25658
- Tsubomura, H., Yamamoto, N., Matsuo, N., Okada, Y. The visible absorption spectrum of water 1-52968
- Tsubouchi, K., Sugai, K., Nikoshiba, N. High-frequency and low-dispersion characteristics of surface acoustic waves on AlN/Al₂O₃ 1-47350
- Tsubouchi, K. see Morita, M. 1-43267, 1-47747
- Tsubouchi, K. see Wasa, K. 1-3459, 1-21261
- Tsubouchi, E. see Fujita, T. 1-33897
- Tsuchida, E. see Kawakami, T. 1-11306
- Tsuchida, H., Sanpei, S., Ohtsu, M., Taka, T. Frequency stability measurement of feedback stabilized AlGaAs DH laser 1-46363
- Tsuchida, H. see Kato, I. 1-15645
- Tsuchida, K., Imaizumi, S. ESR study of the incommensurate-commensurate phase transition in $\{N(CH_3)_4\}CoCl_4$ 1-38972
- Tsuchide, H. see Akaiishi, K. 1-25583
- Tsuchimoto, T. Operation modes and its optical measurements of plasma stream transport system 1-29926
- Tsuchiya, H. see Asakura, Y. 1-5855
- Tsuchiya, H. see Imoto, N. 1-15273, 1-19444
- Tsuchiya, M., Seita, K., Taira, T. Characteristics of mass spectra of organic compounds obtained by the liquid ionization method 1-51313
- Tsuchiya, M. see Takubo, Y. 1-46441
- Tsuchiya, S. An experimental study on unimolecular reactions induced by infrared multiple photon absorption 1-35561
- Tsuchiya, S. see Hashi, M. 1-10812
- Tsuchiya, T. Stable oscillating properties of interacting three-state cyclic enzyme systems 1-12986
- Tsuchiya, T. Tilt angle and mask edge angle dependences of lateral spread of implanted boron ions under mask edge [MOSFETs] 1-38402
- Tsuchiya, T. see Kubota, J. 1-28560
- Tsuchiya, T. see Minamisawa, T. 1-32194
- Tsuchiya, T. see Yamaguchi, S. 1-48579
- Tsuchiya, Y. see Gray, P. 1-16065
- Tsuchiya, Y. see Schiller, N.H. 1-10038
- Tsuchiya, Y. see Suzuki, Y. 1-14198
- Tsuda, H. see Matsuda, J. 1-29902
- Tsuda, I. see Tomita, K. 1-35503
- Tsuda, I. see Yokoyama, M. 1-19976
- Tsuda, K. see Hojo, H. 1-3936
- Tsuda, K. see Iriyama, K. 1-7658
- Tsuda, M., Tokunaga, F., Ebrey, T.G., Kwok To Yuc, Marque, J., Eisenstein, L. Behaviour of octopus rhodopsin and its photoproducts at very low temperatures 1-8863
- Tsuda, N. see Fujimori, A. 1-16567, 1-20529, 1-20627, 1-21069, 1-26358, 1-42485
- Tsuda, N. see Tsukada, M. 1-7685
- Tsuda, S., Shiratori, E., Ikegami, K. Rotating strength of laminated composite discs 1-26537
- Tsudagawa, M. see Mizoshiri, I. 1-22087

- Tsuei, C.C. *see* Chi, C.C.J. 1-30896
 Tsuei, C.C. *see* Mueller, R. 1-7579
 Tsuei, C.C. *see* Schultz, L. 1-50136
 Tsui, C.C. *see* Tsui, Y.T. 1-19579
 Tsui, D.C., Gornik, E., Logan, R.A. Far infrared emission from plasma oscillations of Si inversion layers 1-8076
 Tsui, D.C., Kaminsky, G. Si inversion layers with a sixfold valley degeneracy 1-12201
 Tsui, D.C., Stormer, H.L., Gossard, A.C., Wiegmann, W. 2D electrical transport in GaAs-Al_xGa_{1-x}As multilayers at high magnetic fields 1-7724
 Tsui, D.C. *see* Bishop, D.J. 1-7753, 1-38859
 Tsui, D.C. *see* Gornik, E. 1-12585, 1-52941
 Tsui, D.C. *see* Wagner, R.J. 1-12194
 Tsui, D.C. *see* Wilson, B.A. 1-12195
 Tsui, W.L. *see* Kwan, S.H. 1-30791
 Tsui, Y.T., Tsui, C.C. On wake-induced flutter of a circular conductor in the wake of another 1-19579
 Tsuiki, H., Ishikawa, A., Matsukawa, K., Kitazawa, K., Fukei, K. Insulator-semiconductor metal transitions in some systems of perovskite oxides 1-38817
 Tsuji, H., Okuno, K., Takahashi, Y., Ando, T., Shimamoto, S., Ogasawara, T. Pulsed field loss characteristics of the Japanese test coil for the Large Coil Test 1-46910
 Tsuji, H. *see* Kusaka, Y. 1-49291
 Tsuji, J. *see* Takeo, M. 1-9115
 Tsuji, K. *see* Nakasone, Y. 1-39542
 Tsuji, M., Matsuo, E., Hiranaka, K. Dispersion of high frequency waves for complex wave numbers. II. Extraordinary waves 1-48042
 Tsuji, M., Murakami, I., Nishimura, Y. A new emission produced from sulfur monochloride in a helium afterglow: $S_2^+(A^2\Pi_u-X^2\Pi_u)$ 1-14907
 Tsuji, M., Obase, H., Nishimura, Y. $CS^+(B^2\Sigma^+-X^2\Sigma^+)$ emission produced from Penning ionization of the $CS(X^2\Sigma^+)$ radical 1-10748
 Tsuji, M. *see* Katagiri, K. 1-16890, 1-42388
 Tsuji, S. A method for obtaining cryo-ultramicrotome sections of 35 nm thickness monitored by myofibrillar fine structure 1-27034
 Tsuji, S. *see* Fukui, T. 1-53894
 Tsuji, S. *see* Hirao, M. 1-1585
 Tsuji, S. *see* Williams, P. 1-31277
 Tsuji, S. *see* Yachida, M. 1-22113
 Tsuji, T. Surface irregularities induced by anodic oxidation of n-type GaAs 1-16919
 Tsuji, T. *see* Naito, K. 1-20727, 1-35595
 Tsuji, T. *see* Nakata, Y. 1-4162
 Tsujii, K. *see* Kuga, K. 1-10022
 Tsujikawa, I. *see* Kojima, N. 1-8087, 1-12489, 1-12490, 1-16562
 Tsujikawa, I. *see* Kubota, R. 1-42831
 Tsujimi, Y. Brillouin scattering studies of the polarization relaxation time in rubidium hydrogen sulfate 1-39112
 Tsujimoto, H., Shen, D.F., Matsushita, S., Sakurai, Y. Magnetic properties of multilayered amorphous magnetic films 1-12362
 Tsujimoto, T. The role of density gradient energy in alloy phase segregation 1-8312
 Tsujimoto, T. One-dimensional decomposition and aggregation of precipitates in a symmetric alloy 1-43313
 Tsujimoto, T. The role of non-linear terms in the diffusion equation during a phase-decomposition process 1-52335
 Tsujimoto, T. *see* Fujishiro, M. 1-33236
 Tsujimoto, T., Maeda, M. Present status and future R&D works of reprocessing 1-33337
 Tsujiuchi, J., Honda, T., Okada, K., Suzuki, M., Saito, T., Iwata, F. Conditions for making and reconstructing multiplex holograms 1-41631
 Tsujiuchi, J. *see* Honda, T. 1-19286, 1-41638
 Tsujiuchi, J. *see* Magome, N. 1-51725
 Tsujiuchi, J. *see* Nakadate, S. 1-1529
 Tsujiuchi, J. *see* Ohnuma, K. 1-41637
 Tsujiuchi, J. *see* Okada, K. 1-15112, 1-41639
 Tsujiuchi, J. *see* Saito, T. 1-7659, 1-46265
 Tsujiuchi, J. *see* Ueha, S. 1-6837, 1-15279
 Tsujiura, M. Mechanism of the earthquake swarm activity in the Kawanazaki-oki, Izu Peninsula, as inferred from the analysis of seismic wave-forms 1-9091
 Tsukabayashi, I., Nakamura, Y., Ogino, T. Reflection of a cylindrical ion-acoustic soliton at a symmetric axis 1-51938
 Tsukada, K. *see* Okuta, M. 1-4573
 Tsukada, M. Self-consistent Madelung potential for the cluster calculation of partially ionic solids—application to ReO_3 1-7503
 Tsukada, M., Tsuda, N., Minami, F. Theory of the electronic structure of ReO_3 (001) surface and the surface oxygen vacancy 1-7685
 Tsukada, M. *see* Nakamura, K. 1-52621
 Tsukada, T., Ukai, K. Reactive ion etching 1-43557
 Tsukagoshi, T., Tohma, T., Kimura, M. Characteristics of boronized diaphragms 1-24643
 Tsukahara, H. Physical conditions for double seismic planes of the deep seismic zone 1-32426
 Tsukahara, H. *see* Zoback, M.D. 1-27106
 Tsukahara, T. *see* Mizutani, T. 1-21118
 Tsukakoshi, M., Shimoda, K. Power broadening in a generated three-level system 1-19056
 Tsukakoshi, M., Shimoda, K. Line-narrowing condition in optical triple resonance 1-51176
 Tsukamoto, J., Ohgashi, H., Matsumura, K., Takahashi, A. A Schottky barrier type solar cell using polyacetylene 1-43763
 Tsukamoto, K. *see* Ishida, T. 1-40302
 Tsukamoto, O., Uyemura, T., Uyemura, T. Observation of bubble formation mechanism of liquid nitrogen subjected to transient heating 1-52272
 Tsukamoto, T. *see* Taneichi, H. 1-18618
 Tsukamoto, Y., Sasaguchi, H., Hayama, F. Effects of mating materials on the prow formation process in the adhesive wear of Cu-Zn alloys 1-31672
 Tsukanov, V.G. *see* Kompanets, I.N. 1-34806
 Tsukerblat, B.S. *see* Fainzil'berg, V.E. 1-31078
 Tsukerman, V.A. *see* Trusillo, S.V. 1-45766
 Tsukerman, V.G. *see* Karnatovskii, V.E. 1-6526
 Tsukernik, V.M. *see* Zaslavskh, O.B. 1-20935
 Tsukidate, T. *see* Kasai, K. 1-26417
 Tsukide, O., Okayama, T., Nomura, S. Electrical conduction properties of Ti-TiO₂-Au three layer thin film structure 1-20880
 Tsukishima, T. Comparison of efficiencies of electrostatic wave-excitation by far-infrared laser beam and ion beam 1-24970
 Tsukishima, T., Asada, O., Yoshioka, K., Inoue, A. Measurements of nonstationary and anisotropic density fluctuations using electromagnetic wave scattering 1-19969
 Tsukishima, T. *see* Asada, O. 1-11597
 Tsukishima, T. *see* Asaka, O. 1-42183
 Tsukizoe, T. *see* Ohmae, N. 1-11811, 1-26635
 Tsukui, K., Ohkoshi, Y., Nagai, M. Eddy-current testing techniques of irradiated fuel claddings using probe coil system 1-50775
 Tsulaya, A.V. *see* Garashchenko, F.G. 1-51000
 Tsumura, K. *see* Kato, T. 1-9141
 Tsumura, M. *see* Hama, Y. 1-31206
 Tsun Tsou Sheung *see* Tsou Sheung Tsun
 Tsun Wu Tai *see* Tai Tsun Wu
 Tsunakawa, H. *see* Igata, N. 1-38409
 Tsunashima, S., Shinoda, T., Miyatake, H., Uchiyama, S. Influence of oxygen adsorption on perpendicular anisotropy in amorphous Gd-Fe and Gd-Co films 1-38296
 Tsunashima, S. *see* Umemoto, H. 1-19049
 Tsunawaki, Y. *see* Yamanaka, M. 1-19970
 Tsunekawa, S., Kojima, T. Microwave spectrum of hydrazine 1-24123
 Tsunekawa, S., Takei, H. Phase transition of BaZnGeO₄ crystals 1-52281
 Tsunekawa, S. *see* Takei, H. 1-12650
 Tsunematsu, T. *see* Azumi, M. 1-6939
 Tsunemi, H., Inoue, H. Evaporation of H I clouds in supernova remnants 1-54598
 Tsunemi, H. *see* Matsuo, M. 1-22927
 Tsunemi, H. *see* Murakami, T. 1-27633
 Tsunenari, T. *see* Nakamura, H. 1-4016
 Tsuneto, T. *see* Fujita, T. 1-7407
 Tsuneto, T. *see* Ohmi, T. 1-42600
 Tsuneyoshi, T. *see* Nishi, T. 1-50660
 Tsung Hung Peng *see* Broecker, W.S. 1-4535
 Tsung-Hung Peng *see* Broecker, W.S. 1-35998
 Tsuno, K., Harada, Y. Minimisation of radial and spiral distortion in electron microscopy through the use of a triple pole-piece lens 1-40898
 Tsuno, T., Nakamura, Y. Deformation measurement by high speed Moire topography 1-37858
 Tsuno, T. *see* Nakamura, Y. 1-38023
 Tsunoda, R.T. Backscatter measurements of 11-cm equatorial spread-F irregularities 1-17725
 Tsunoda, Y., Nakai, Y. X-ray and neutron scattering measurements in Mn-rich γ -MnCu alloy single crystal 1-38909
 Tsunoyama, K., Suzuki, T., Ohashi, Y., Kishidaka, H. Application of SIMS to analysis of steels 1-30269
 Tsunoyama, K., Suzuki, T., Ohashi, Y., Kishidaka, H. Sputtering of metals with 20 keV O₂⁺. Characteristic etch patterns and sputtered atom yields 1-53040
 Tsunoyama, K. *see* Ohashi, Y. 1-7442
 Tsunoyama, S., Mitsutake, T., Ebata, S., Monta, K. Peach Bottom-2 reactor stability prediction with 1-D transient model 1-50868
 Tsupkositnikov, V.M. *see* Abdurazakov, A.A. 1-33217
 Tsurin, V.A., Ermakov, A.E. Investigation of the ordering in aerosol powders of the alloy Fe₃Pd₇ by nuclear gamma resonance 1-43042
 Tsurkan, V.V., Veselago, V.G., Radutsan, S.I., Tezlevan, V.E. Thermoelectric power and longitudinal Nernst-Ettingshausen effect in single crystals of magnetic semiconducting spinels belonging to the Cu₂Cr₂Se₄·Br₂ system 1-20785
 Tsuru, S., Garwood, S.J. Some aspects of the time dependent ductile fracture of line pipe steels 1-48516
 Tsuru, T. *see* Asano, Y. 1-1022
 Tsuru, T. *see* Fukushima, M. 1-45770
 Tsuru, T. *see* Terada, S. 1-14415
 Tsuru, Y., Hosokawa, K. Influence of iodide ion on the anodic dissolution and the cathodic deposition of copper in acidic copper sulfate solution 1-48694
 Tsurubuchi, S., Iwai, T. Excitation of Li(2p) and He(2p) in collisions of Li⁺ with He at energies below 4.2 keV 1-33541
 Tsurubuchi, S. *see* Kaneko, Y. 1-46109
 Tsurui, A., Igarashi, A. A probabilistic approach to fatigue crack growth rate 1-41987
 Tsuruoka, F., Kajimura, K. Dynamic polarization echoes in metallic powders 1-26105
 Tsuruoka, F. *see* Hiki, Y. 1-20342
 Tsuruoka, K. *see* Sasaki, T. 1-41277
 Tsuruta, H., Sazaki, T., Matsuura, S., Umezawa, H., Okashita, H. Determination of Pu in spent fuels by nondestructive gamma-ray spectrometry 1-41173
 Tsuruta, H. *see* Suzuki, T. 1-45671
 Tsurutani, B.T. *see* Jones, D.E. 1-40399
 Tsuruto, C. *see* Kitade, K. 1-814, 1-45632
 Tsushima, A. *see* Amagishi, Y. 1-46886
 Tsushima, K. *see* Kojima, N. 1-12489, 1-12490, 1-16562
 Tsushima, K. *see* Morishita, T. 1-25953
 Tsushima, K. *see* Szymczak, R. 1-25974
 Tsushima, T. *see* Yokoyama, Y. 1-2399
 Tsutsui, T., Tanaka, R. Solid cholesteric films for optical applications 1-48186
 Tsutsumi, K., Sambongi, T. Re-examination of the wave vectors of the periodic lattice distortions coupled with charge-density-waves in NbSe₃ by X-ray diffraction 1-25210
 Tsutsumi, K. *see* Kamada, M. 1-39213, 1-43252
 Tsutsumi, K. *see* Takoshima, T. 1-12119
 Tsutsumi, M. *see* Hasegawa, Y. 1-21619
 Tsutsumi, M. *see* Ikegami, T. 1-16723
 Tsutsumi, M. *see* Mitomo, M. 1-48448
 Tsutsumi, Y. *see* Okubo, M. 1-8625
 Tsuwa, H., Namba, Y., Kovalenko, V.S. Some features of surface hardening by pulsed lasers 1-3962
 Tsuya, H. Evaluation techniques of defects in laser-annealed semiconductor 1-20188
 Tsuya, H. *see* Shimura, F. 1-3742
 Tsuya, K. *see* Nakamura, M. 1-3660
 Tsuya, N., Arai, K. Formation of Si ribbon by rapid quenching 1-26514
 Tsuya, N., Arai, K. Amorphous highly dielectric ribbons and their application 1-43291
 Tsuya, N., Arai, K.I., Ohmori, K., Shimanaka, H., Kan, T. Ribbon-form silicon-iron alloy containing around 6% silicon 1-8251
 Tsuya, N., Arai, K.I., Takeuchi, T., Ojima, T., Kuroiwa, A. Rapid quenched ribbon-form silicon 1-4181
 Tsuya, N. *see* Arai, K. 1-42990
 Tsuya, N. *see* Petrakovskii, G.A. 1-26006
 Tsuya, N. *see* Takahige, M. 1-26137
 Tsuya, Y. *see* Enomoto, Y. 1-12878
 Tsuyama, S. *see* Otsuka, A. 1-43492
 Tsuyuzaki, H. *see* Ido, S. 1-5440
 Tsuzaki, K., Maki, T. The effect of cooling rate on the morphology of lath martensite in Fe-Ni alloys 1-48378
 Tsuzi, E. The role of yttrium on the oxide adherence of Fe-24Cr base alloys 1-43603
 Tsuzuki, M. *see* Ikezawa, S. 1-42162
 Tsuzuki, N. *see* Niinomiya, H. 1-911
 Tsuzuki, Y. *see* Ushida, N. 1-546
 Tsvetanov, Z.I. Spectroscopic investigation of the Seyfert galaxies Akn 564, III Zw 77 and I Zw 92 1-54635
 Tsvetanov, Z.I. *see* Fabrika, S.N. 1-13882
 Tsvetkov, A.I. *see* Kokhova, I.I. 1-13149
 Tsvetkov, E.I. Methodical errors of the results of statistical measurements performed with the use of microprocessors 1-23156
 Tsvetkov, L.I. *see* Bachurin, A.F. 1-17810, 1-32686
 Tsvetkov, S.V. *see* Soroka, B.S. 1-265
 Tsvetkov, T.S. On the period-age relation for Cepheids 1-32711
 Tsvetkov, V.I. *see* Gleizer, I.Z. 1-24351, 1-50165
 Tsvetkov, V.P. Neutrino (antineutrino) scattering on electrons in a constant homogeneous magnetic field 1-5619
 Tsvetkov, Yu.D. *see* Dikanov, S.A. 1-6291, 1-7949
 Tsvetkov, Yu.D. *see* Dzuba, S.A. 1-14946
 Tsvetkov, Yu.V. *see* Denker, B.I. 1-51492
 Tsvetkova, N.A. *see* Galev, V.N. 1-52546
 Tsvetkova, N.A. *see* Koroleva, L.I. 1-3209
 Tsvetkova, V.K. *see* Topilin, V.V. 1-48434
 Tsvikilevich, O.S. Structural transformations in NTSUs and SVMTs alloys after long-term tests 1-53176
 Tsvikilevich, O.S. *see* Maksimovich, G.G. 1-35331
 Tsvilyuk, I.S., Baumstein, M.V. Evaluation of methods of extrapolating minimum creep rates of refractory materials 1-11806
 Tsvirko, M.P. *see* Egorova, G.D. 1-41420
 Tsvit, V.A. *see* Fedorin, A.K. 1-53322
 Tsyashchenko, Tu.P., Krasnyanski, G.E. Studies on anharmonic damping mechanisms of high-frequency phonons in crystals containing complex ions 1-48081

- Tsyashchenko, Yu.P. *see* Krasnyanski, G.E. 1-15966
- Tsybanov, G.V. *see* Troshchenko, V.T. 1-3931
- Tsybin, A.S. *see* Kozyrev, Yu.P. 1-28777
- Tsybul'ko, V.A. *see* Gorobets, Yu.I. 1-3229
- Tsyganenko, A.A. Cell for studying infrared spectra of adsorbed molecules at liquid helium temperatures 1-44944
- Tsygankov, L.S. *see* Gagarinskii, A.Yu. 1-28645
- Tsygankov, V.N. *see* Porotnikov, N.V. 1-39289
- Tsyganok, A.A. *see* Sorokin, D.N. 1-11397
- Tsyganov, A.B. *see* Bogdanova, I.P. 1-2272
- Tsyganovskii, N.S. *see* Anosov, M.D. 1-41503
- Tsykalo, A.L. Study of particle dynamics and the structure and properties of nematic, smectic, and cholesteric liquid crystals by the molecular-dynamics method 1-2321
- Tsykalo, A.L. Computer simulation of smectic mesophases 1-25163
- Tsykalo, A.L. Prediction of liquid-crystal mesophases in systems of disk-shaped molecules 1-38270
- Tsykalo, A.L., Bagmet, A.D. Investigation of smectic liquid crystals by the method of molecular dynamics 1-30052
- Tsykalo, A.L., Bagmet, A.D. Self-diffusion and molecular motion in nematic and smectic liquid crystals 1-52059
- Tsykin, B.G. *see* Arkadaskii, S.S. 1-24350
- Tsykora, V.N. *see* Mikhailova, N.P. 1-27060
- Tsybal, L.T. *see* Galkin, A.A. 1-43014
- Tsybalyuk, A.A., Zalutskii, B.M. Strengthening treatment for reinforcing bars 1-48385
- Tsyndrenko, A.Ya. *see* Veselovskii, N.S. 1-17371
- Tsyplin, A.G. *see* Sedov, L.I. 1-24310
- Tsyplenkov, V.S. *see* Zalutzhnyi, A.G. 1-5851
- Tsytovich, V.N. Radiative processes in quasilinear plasma heating 1-51966
- Tsytovich, V.N. *see* Bel'kov, S.A. 1-32656
- Tsyvinskii, V.G. *see* Bondarovich, G.C. 1-18202
- Tu, C.-W. *see* Lowe, V.E. 1-43261
- Tu, K.N. *see* Eizenberg, M. 1-12188
- Tu, K.N. *see* Odomari, I. 1-7734
- Tu, K.N. *see* Tsaur, B.Y. 1-15838, 1-16275
- Tu Chen, Cheng, D., Charlan, G.B. An investigation of amorphous Tb-Fe thin films for magneto-optic memory application 1-12347
- Tu Shuen-Wei *see* Shuen-Wei Tu
- Tu Tung-sheng *see* Tung-sheng Tu
- Tu Yung-Yi *see* Yung-Yi Tu
- Tu-Nan Yuan *see* Yuan Tu-Nan
- Tuan, S.F. *see* Ma, E. 1-33105
- Tuan Duong Hong *see* Hong Tuan Duong
- Tuan Q Nguyen *see* Nguyen Tuan Q
- Tubas, A.D. Galactic spiral shocks: vertical structure, thermal phase effects, and self-gravity 1-9647
- Tubbs, A.D. The dynamical evolution of NGC 5128 1-49792
- Tubbs, L.E. *see* Birkeland, J.R. 1-50697
- Tubbs, S.J. *see* Landon, S.N. 1-46585
- Tubbs, S.J. *see* Schmutz, L.E. 1-46583
- Tubiana, M. Health risks due to the use of nuclear energy for electric power generation 1-23859
- Tubridy, E. *see* Albrecht, R.W. 1-18731
- Tubyskhin, Yu.A. *see* Konoplenko, V.P. 1-35334
- Tuc Vi Tran *see* Tran Tuc Vi
- Tucciarone, A. *see* Antonini, B. 1-48122
- Tuchender, J. Far infrared spectroscopy of hemoglobin 1-26880
- Tuchender, J. *see* Adam, A. 1-16486
- Tuchender, J. *see* Bertrand, D. 1-3383
- Tuchiya, N. *see* Nagata, K. 1-48676
- Tuchkevich, V.V. *see* Andrianov, A.V. 1-20805
- Tuchkina, O.S. *see* Kiseleva, S.A. 1-12995
- Tuchman, Y., Barkat, Z. On multiple-shell planetary nebula formation 1-49753
- Tucholke, B.E. Acoustic environment of the Hatteras and Nares Abyssal Plains, western North Atlantic Ocean, determined from velocities and physical properties of sediment cores 1-15309
- Tuck, D.L. Improved Doppler ultrasonic monitoring of the foetal heart rate 1-43927
- Tuck, E.O. *see* Mei, C.C. 1-51794
- Tucker, A.W. *see* Birnbaum, M. 1-46360
- Tucker, G. *see* Wahlen, M. 1-41434
- Tucker, J.W. Acoustic Faraday and Cotton-Mouton effects in paramagnetic crystals 1-16321
- Tucker, J.W. *see* Barker, G.C. 1-20666
- Tucker, K.D. *see* Kutner, M.L. 1-40538
- Tucker, K.D. *see* Machnik, D.E. 1-49750
- Tucker, P. Stirred remanent magnetization: a laboratory analogue of post-depositional realignment 1-35978
- Tucker, P.M. *see* Allen, G.C. 1-39532
- Tucker, R. Establishing a community of solar heated homes 1-39745
- Tucker, R. *see* Mills, R.L. 1-54408
- Tucker, R.W. *see* Benn, I.M. 1-149, 1-14059
- Tucker, R.W. *see* Dereli, T. 1-18121
- Tucker, T.J. A finite-element model of compressed magnetic field current generators 1-34129
- Tucker, T.J. *see* Chen, P.J. 1-26149
- Tucker, T.R., Ayers, J.D. Metallic coatings modification by scanned electron beam and laser sources 1-20268
- Tucker, T.R. *see* Ayers, J.D. 1-21588
- Tuckmantel, J. *see* Borreani, G. 1-50461
- Tuda, T. *see* Itoh, K. 1-46853
- Tuda, Y. *see* Torizumi, K. 1-9010
- Tuddick, K. *see* Berg, D. 1-28320
- Tudik, A.A., Valuev, N.P. Electromagnetic emission during the fracture of metals 1-35382
- Tudor, T., Dumitrica, A., Apostol, D. Optical frequency translator using two KDP crystals in tandem 1-33795
- Tudor, T. *see* Bratescu, G.G. 1-33617, 1-46210
- Tudor, T. *see* Ristic, M. 1-33726
- Tudorache, St. Quantum beats using pulsed dye laser excitation 1-15036
- Tudos, F. *see* Rockenbauer, A. 1-33481
- Tudron, T. *see* Salomone, A. 1-50392
- Tudron, T.N. Instability of constant Yang-Mills fields generated by constant gauge potentials 1-23438
- Tudyak, V.M. *see* Ivanova, T.I. 1-8020
- Tuerk, W., Schmidt, F.A.R., Unger, H. An experimentally verified fuel rod melt-down model 1-41179
- Tuevov, I.K. *see* Solov'ev, S.L. 1-13456
- Tufeu, R. *see* Vidal, D. 1-38042
- Tuffin, F., Le Coz, G., Peresse, J. Study of the ejected electron energy spectrum of carbon dioxide molecules in collision with helium atoms in 2^1S and 2^3S states and neon atoms, in $3P_2$ and $3P_0$ states 1-37316
- Tuffin, F., Le Coz, G., Peresse, J. Penning ionisation study of carbon monoxide by 2^1S and 2^3S helium and $3P_2$ and $3P_0$ neon metastable states 1-41481
- Tuft, R., MacGillivray, J., Frattarola, J., Corbett, F. Human-readable/machine-readable imagery 1-46247
- Tuft, R. *see* Benton, J.R. 1-24365
- Tuft, R.M. *see* McEvers, J.A. 1-18759
- Tuffe, O.N. *see* Long, D. 1-34728
- Tuge, H., Schmidt-Kaler, Th. The diffuse interstellar line at 4430 Å 1-49766
- Tugbaev, V.A. Kinetics in lasing processes of rarefied POPOP vapors 1-41693
- Tugbaev, V.A. *see* Borishev, N.A. 1-51216
- Tugli, P. *see* Gunduz, G. 1-39373
- Tugushev, V.V. *see* Kulikov, N.I. 1-20634
- Tugushi, A.I. *see* Buishvili, L.L. 1-31057
- Tugushi, A.I. *see* Buishvili, L.L. 1-21084
- Tuinen, R.J. *see* van Tuinen, R.J.
- Tuinstra, F. *see* Kolkman, G.H. 1-29975
- Tukalov, Yu.M. *see* Yudkovskii, S.I. 1-43384
- Tukarev, V.A. *see* Antonov, A.V. 1-33279
- Tukhfatullin, A.A. *see* Simakov, V.I. 1-52478
- Tukmacher, G.V. *see* Nepokoichitskii, A.G. 1-43273
- Tulacz, J., Smith, R.E. Assessment of missiles generated by pressure component failure and its application to recent gas-cooled nuclear plant design 1-836
- Tulaikova, T.V. *see* Sychugov, V.A. 1-51646
- Tulalikhova, T.V. *see* Stepanov, S.S. 1-1728
- Tulczyjew, W.M. *see* Kijowski, J. 1-14017
- Tulenko, J.S. *see* Sankovich, M.F. 1-789
- Tuler, F.R. *see* Itzhak, D. 1-31362
- Tuley, F.H., Jr. *see* Brown, A.M. 1-22065
- Tulin, V.A. *see* Tolpygo, S.K. 1-20893
- Tulina, N.A. Influence of the purity of rhodium on its magnetic properties in the superconducting state 1-25832
- Tulina, N.A., Matveeva, L.A. Anomalous dependence of critical magnetic field near T_c of lead-molybdenum Chevrel phases 1-30895
- Tulinov, A.F. *see* Melikov, Yu.V. 1-5814
- Tulinov, A.F. *see* Vorotnikov, P.E. 1-45545
- Tulinov, B.M., Tulinova, V.V. Kinetics of brittle failure of materials 1-2564
- Tulinov, B.M. *see* Bartenev, G.M. 1-43509
- Tulinov, B.M. *see* Tulinova, V.V. 1-16161
- Tulinova, V.V., Tulinov, B.M., Bartenev, G.M., Shcherbakova, I.M. Distribution function of surface defects in flat glass 1-16161
- Tulinova, V.V. *see* Tulinov, B.M. 1-2564
- Tulip, J. *see* Dharamsi, A.N. 1-6164
- Tulip, J. *see* Faszter, W. 1-33706
- Tullberg, A. *see* Jagner, S. 1-20132
- Tuller, H.L. *see* Button, D.P. 1-30454
- Tuller, H.L. *see* Kowalski, J.M. 1-17065, 1-17221
- Tuller, H.L. *see* Sempolinski, D.R. 1-38777
- Tullis, T.E. The use of mechanical twinning in minerals as a measure of shear stress magnitudes 1-27297
- Tully, F.P., Chang, N.H., Haberland, H., Lee, Y.T. Mass and orientation effects in dissociative collisions between rare gas atoms and alkali halide molecules 1-20087
- Tully, J.A. Excitation of $He(1^1S-3^3D)$ by electron impact 1-24262
- Tully, J.C. Dynamics of gas-surface interactions: reaction of atomic oxygen with adsorbed carbon on platinum 1-39676
- Tully, J.C. *see* Kelly, R. 1-39162
- Tully, J.C. *see* Tolk, N.H. 1-33420
- Tully, R.B., Fisher, J.R. Nearby small groups of galaxies 1-9686
- Tully, R.B. *see* Fisher, J.R. 1-49813
- Tulp, J.H. *see* van Ouwkerk, H.J. 1-39920
- Tulub, A.A. *see* Palchevskii, V.V. 1-4121
- Tulunay-Keesey, U., Jones, R.M. Contrast sensitivity measures and accuracy of image stabilization systems 1-32122
- Tulupov, V.I. *see* Vernov, S.N. 1-4731
- Tuluzov, I.G. *see* Omel'yanchouk, A.N. 1-20857
- Tulyakova, M.N., Vasil'eva, A.I. Three-layer antireflection coating of optical components 1-1738
- Tuma, D.T. *see* Richley, E. 1-34163
- Tuma, J. New energy resources and their utilisation in the future 1-32001
- Tumaikin, G.M. *see* Derbenev, Ya.S. 1-14712
- Tumaikin, G.M. *see* Zholentz, A.A. 1-14381
- Tumakaev, G.K., Maslennikov, V.G., Serova, E.V. Flow instability behind intense shock waves in monatomic gases 1-33982
- Tumanov, B.N. *see* Gershenzon, E.M. 1-37497
- Tumanov, V.I. *see* Romanova, N.I. 1-12865
- Tumanova, I.A., Semenov, O.B., Yanovsky, Y.G. Evaluation of branching in polyvinyltrimethylsilane on the basis of analysis of the temperature dependence of mechanical losses 1-42459
- Tumanyan, A.R. *see* Babayan, A.Z. 1-37036
- Tumasyan, G.A. *see* Azyan, S.E. 1-31332
- Tumbregel, B.E., Niemann, K., Eyl, H.J., Hoegl, A.J. Dosimetry system for neutrons and gamma rays 1-6049
- Tumer, O. *see* Ibanoglu, C. 1-9728
- Tumolillo, T.A., Wondra, J.P., Hobbs, W.E., Smith, K. The radiated electromagnetic field from collimated gamma rays and electron beams in air 1-33609
- Tumolillo, T.A., Wondra, J.P., Radasky, W.A., Hobbs, W.E. Plasma effects on the SGEMP space-charge boundary layer 1-34081
- Tu'nan Ruan *see* Ruan Tu'nan
- Tunca, Z. *see* Ibanoglu, C. 1-9728
- Tung, C.J. Sum-rule-constrained classical binary-collision model for inner-shell ionizations 1-24266
- Tung, C.J., Kwei, C.M. Energy loss straggling of electrons transmitted through carbon 1-39199
- Tung, H. *see* Tuteur, F.B. 1-11227
- Tung, K.L. *see* Barber, D. 1-14407
- Tung, K.L. *see* Barber, D.P. 1-534, 1-28309
- Tung, R.W. *see* Springer, G.S. 1-21606
- Tung Wu-ki *see* Wu-ki Tung
- Tung-Mow Yan Hadronic transitions between heavy-quark states in quantum chromodynamics 1-10155
- Tung-sheng Tu *see* Zhong-qí Ma 1-50359
- Tung-Sheng Yen *see* Yen Tung-Sheng
- Tungate, G., Botter, R., Egelfof, P., Mobius, K.-H., Moroz, Z., Steffens, E., Dreves, W., Koening, I., Fick, D. Elastic scattering of vector polarized ^7Li on ^{39}Ni 1-33256
- Tungate, G. *see* Moroz, Z. 1-45765
- Tunitiskii, N.N. *see* Druzhinin, A.A. 1-42522
- Tunitiskii, N.N. *see* Derjagin, B.V. 1-36597
- Tuniz, C. *see* Abbondanno, U. 1-641, 1-14490, 1-33220
- Tuniz, C. *see* Nardelli, G. 1-50551
- Tunkin, V.G. *see* Rostovtseva, V.V. 1-6618
- Tunnichiffe, D.L. *see* Oxley, D.P. 1-29069
- Tunnichiffe, J., Blundell, D.J., Windle, A.H. Retraction of polypropylene tape 1-35289
- Tunstall, D.P. Magnetic resonance in impurity bands 1-47959
- Tunstall-Pedoe, D.S. *see* Macpherson, P.C. 1-22095
- Tuohig, W.D., Tien, T.Y. Subsolidus phase equilibria in the system $\text{ZrO}_2\text{-Y}_2\text{O}_3\text{-Al}_2\text{O}_3$ 1-26432
- Tuohy, I., Garmire, G. Discovery of a compact X-ray source at the center of the supernova remnant RCW 103 1-4995
- Tuohy, I.R. *see* Clark, D.H. 1-4959
- Tuohy, I.R. *see* Mason, K.O. 1-49726
- Tuohy, I.R. *see* Mathewson, D.S. 1-49770
- Tuohy, I.R. *see* Szkody, P. 1-49715
- Tuomi, D. Thermoelectricity: phase diagrams and imperfection structures. II 1-52589
- Tuomi, T.J. Light scattering by aerosols with layered humidity-dependent structure 1-21788
- Tuomimäki, J. *see* Johnson, P. 1-5659
- Tuoptsyn, I.F., Kane, A.A. Quantum-chemical investigation of characteristics of CH stretching vibrations in infrared spectra of organic compounds. I. Frequencies of CH stretching vibrations in substituted methanes 1-24049
- Tuoptsyn, I.F., Kane, A.A. Quantum-chemical investigation of characteristics of CH stretching vibrations in infrared spectra of organic compounds. II. Frequencies of CH vibrations in substituted ethylenes and acetylenes 1-24050
- Tur, A.V. *see* Moiseev, S.S. 1-19736
- Tur, Y.D. *see* Korsunsky, A.M. 1-10554
- Turaev, E.Yu. *see* Seregin, P.P. 1-42321
- Turakulov, Ya. *see* Sabirov, L.M. 1-38470
- Turala, M. Application of wire chambers for triggering purposes 1-14726
- Turala, M. *see* Chabaud, V. 1-50468
- Turala, M. *see* Chabaud, V. 1-10392
- Turala, M. *see* Daum, A. 1-14424, 1-28357
- Turan, J. *see* Zentko, A. 1-47847
- Turanov, V.N. *see* Stedukhin, V.D. 1-40236
- Turanskaya, N.V., Kuz'mina, T.G. X-ray spectral fluorescence analysis as applied to bottom sediments 1-4643
- Turban, G. *see* Catherine, Y. 1-43278

- Turbine, A.V.** On perturbation theory and the variational principle in quantum mechanics 1-23054
- Turbine, A.V.** On the algebraization of perturbation theory in quantum mechanics 1-49984
- Turchaninov, I.A., Medvedev, R.V.,** Chashnikov, V.V. Preliminary results of determinations of the physical properties of microfragments of lunar rocks in soil samples from Luna-24 1-32636
- Turchaninov, V.I.** see Ruzmaikin, A.A. 1-13683
- Turchanovich, L.K.** see Abramov, V.V. 1-596
- Turchetti, G., Liverani, C.** Approximate solutions of the KdV equation from perturbation expansions 1-32854
- Turchetti, G.** see Benofy, L.P. 1-18071
- Turchi, P.J.,** Cooper, A.L., Ford, R.D., Jenkins, D.J., Burton, R.L. Review of the NRL liner implosion program 1-34110
- Turchi, P.J.** see Cooper, A.L. 1-38136
- Turchin, V.N., Emel'yanov, A.B.,** Rymashevskii, G.A., Lanin, A.G. Structural segregation phenomena in dense zirconium carbide 1-35225
- Turchin, Yu.M.** see Aleksandrova, Z.A. 1-23942
- Turchinets, W.** see Rad, F.N. 1-23646
- Turcic, B.** see Nezbedova, E. 1-35358
- Turck, B.** see Aymar, R. 1-40822
- Turck, B.** see Lefevre, F. 1-52694
- Turck-Chieze, S.** see Barreau, P. 1-28471
- Turck-Chieze, S.** see Bernheim, M. 1-45495
- Turck-Chieze, S.** see Jans, E. 1-28470
- Turco, R.P.** see Huxten, D.M. 1-22409
- Turco, R.P.** see Toon, O.B. 1-40383
- Turcotte, D.L.,** Tag, P.H., Cooper, R.F. A steady state model for the distribution of stress and temperature on the San Andreas fault 1-27109
- Turcotte, R.P.** see Olsen, L.C. 1-43758
- Turcotte, V.** see Ramavatham, K. 1-10362
- Turdakin, V.A.** see Zhdanov, V.M. 1-20417
- Turdakina, E.N.** see Abramov, B.M. 1-992
- Turdaliev, K.T.** see Abdrahmanov, E.O. 1-722
- Turdaliev, K.T.** see Azimov, S.A. 1-36888, 1-36954
- Turegano, J.A.,** Klein, M.J. Precision flux density measurements of the giant planets at 8420 MHz 1-44471
- Turek, F.W.** see Wallen, E.P. 1-39964
- Turek, I.** The phototransient in semiconductors with several kinds of traps 1-25757
- Turek, K.** see Kala, T. 1-31168
- Turek, K.** see Luck, H.-B. 1-51051
- Turek, K.** see Spurny, A. 1-28710
- Turekian, K.K.** see Nozaki, Y. 1-4531
- Turesson, I.** see Albrektsson, T. 1-44050
- Turetskaya, E.A.** see Rykov, S.V. 1-19122
- Turetskaya, E.P.** see Kompanets, I.N. 1-34806
- Turhan, D.** Wave propagation in anisotropic non-homogeneous thermoelastic media 1-6813
- Turi Nagy, L.** see Liska, M. 1-51126
- Turian, R.M.** see Oroskar, A.R. 1-29753
- Turik, A.V.,** Sidorenko, E.N., Kazaryan, L.M., Kryshch, V.G., Tsikhotskii, E.S. Dielectric properties of $\text{Ba}_2\text{Li}_2\text{Nb}_{10}\text{O}_{30}$ crystals 1-52894
- Turik, A.V.** see Shevchenko, N.B. 1-34971
- Turikov, V.A.** see Golovinskiy, K.S. 1-25049
- Turikov, V.A.** see Karpman, V.I. 1-6960
- Turillon, P.P.** The potential for metal hydrides in heat-pumping applications 1-21891
- Turk, E.J.** see Whitworth, C.A. 1-18800
- Turkenburg, W.C.** see Spit, F.H.M. 1-34572
- Turkes, P.,** Pluntke, Ch., Helbig, R. Thermal conductivity of SnO_2 single crystals 1-2711
- Turkiewicz, J.** see Augustyniak, W. 1-45425
- Turkiewicz, J.** see Zupranska, E. 1-23649
- Turkin, A.I.** see Edinotov, I.M. 1-17343
- Turkina, T.M.** see Petrovskii, V.A. 1-25187
- Turko, L.** A field theoretic description of clusters as an approximation to the statistical bootstrap model 1-18531
- Turko, L.** see Redlich, K. 1-5607
- Turkot, F.** see Gaidos, J.A. 1-18656
- Turkovskii, V.Yu.** see Bereza, V.P. 1-53079
- Turky, A.,** Cercek, M., Tavzes, R. Influence of high frequency electric field on the dispersion of ion-acoustic waves in plasma 1-42171
- Turland, B.D.,** Peckover, R.S. Melting front phenomena—analysis and computation 1-5874
- Turland, B.D.** see Peckover, R.S. 1-5885
- Turlay, R.** Charged weak currents 1-10107
- Turluer, M.A.** see Arestov, Yu. 1-5668
- Turluer, M.L.** see Arestov, Yu. 1-36892
- Turman, B.N.** Optical demonstrations with a scanning photodiode array 1-13978
- Turn, J.C., Jr.** see Latanision, R.M. 1-43615
- Turnage, J.C.** see Bergeron, P.A. 1-28668
- Turnage, K.G.** see Hon, A.L.M. 1-50882
- Turnau, J.** see Daum, C. 1-14424, 1-28357
- Turnau, J.** see Gorlich, L. 1-5656
- Turnbull, J.** see Armstrong 1-10254
- Turnbull, D.** see Ashby, M.F. 1-3664
- Turnbull, D.** see Fratello, V.J. 1-7105, 1-34270, 1-42309
- Turnbull, R.M.** see Costa, G. 1-23516
- Turnbull, R.M.** see Di Gennaro, V. 1-5660
- Turnbull, R.M.** see Evangelista, C. 1-23515
- Turnell, B.** see Blundell, T. 1-53752
- Turner, A.K.,** Lovering, D.G. Anodizing aluminium in molten nitrates 1-53362
- Turner, A.P.L.** Deformation hardening of type 304 stainless steel at elevated temperature 1-35282
- Turner, B.L.,** Flack, R.D. The experimental measurement of natural convective heat transfer in rectangular enclosures with concentrated energy sources 1-24790
- Turner, C.W.,** Greedan, J.E., Collins, M.F. The magnetic structure of ErTiO_3 1-25892
- Turner, D.G.** Association membership for the 20 day Cepheid RU Scuti 1-9508
- Turner, D.G.** Harvard 20, a cluster containing a yellow supergiant 1-49742
- Turner, D.G.** Comments on the cluster main-sequence fitting method. I. The distance of Ruprecht 44 1-54565
- Turner, D.G.** Comments on the cluster main-sequence fitting method. II. A reexamination of the data for NGC 6649 and the Cepheid V367 Scuti 1-54566
- Turner, D.G.,** Grieve, G.R., Herbst, W., Harris, W.E. The young open cluster NGC 3293 and its relation to Car OB1 and the Carina Nebula complex 1-9587
- Turner, D.L.** The measurement of coupling constants from two-dimensional NMR spectra 1-14926
- Turner, D.L.,** Jarrard, R.D., Forbes, R.B. Geochronology and origin in the Pratt-Welker seamount chain, Gulf of Alaska: a new pole of rotation of the Pacific plate 1-27118
- Turner, D.L.** see Bodenhausen, G. 1-43033
- Turner, D.M.,** Moore, M.D. The contribution of wall slip in the flow of rubber 1-33986
- Turner, D.W.** see Dunbar, R.C. 1-19178
- Turner, E.H.** see Kaminov, I.P. 1-3368
- Turner, E.L.** Optical studies of small groups of galaxies 1-9685
- Turner, E.L.** The effect of undetected gravitational lenses on statistical measures of quasar evolution 1-49848
- Turner, E.S.** see Rankin, D.W.H. 1-46121
- Turner, G.** Argon-argon age measurements and calculations of temperatures resulting from asteroidal break-up 1-36235
- Turner, J.A.,** Manassis, J., Nozik, A.J. Photoelectrochemistry with p-Si electrodes: Effects of inversion 1-4097
- Turner, J.E.,** Sales, B.C., Maple, M.B. Oscillatory oxidation of CO over a Pt catalyst 1-48735
- Turner, J.E.** see Rustgi, M.J. 1-18989
- Turner, J.R.,** Randall, N.J. Gamma camera image recording on video cassette 1-49111
- Turner, J.S.** see Fedorov, K.N. 1-5039
- Turner, L.** see Miller, G. 1-51977
- Turner, L.G.** see Fleischer, R.L. 1-44005
- Turner, L.R.** Safety of superconducting magnets for fusion: thermal analysis of large cryostable magnets 1-50922
- Turner, L.R.,** Lari, R.J. Eddy current calculations with the program incorporating loop currents and a quadrilateral mesh 1-6425
- Turner, L.R.,** Wang, S.-T., Smith, R.P., Vander Arend, P.C., Hsu, Y.-H. Safety analysis of the UTSI-CFFF superconducting magnet 1-48883
- Turner, L.R.** see Niemann, R.C. 1-48882
- Turner, L.R.** see Smith, R.P. 1-45753
- Turner, L.R.** see Wang, S.-T. 1-48881
- Turner, M.E., Jr.** see Strand, E.M. 1-32282
- Turner, M.S.** On the lepton numbers of the Universe 1-32786
- Turner, M.S.** see Fry, J.N. 1-27642, 1-27643, 1-32784
- Turner, M.S.** see Olive, K.A. 1-44685
- Turner, M.S.** see Segre, G. 1-50362
- Turner, P.J.,** David, C.W. The polarization model applied to NH_3 , its cation NH_4^+ , and its polymers 1-37363
- Turner, P.S.** see Jones, C.F. 1-30400
- Turner, R.D.** Superconducting magnetic energy storage applications and benefits for electric utility power systems 1-35717
- Turner, R.D.** see Schermer, R.I. 1-48923
- Turner, R.E.** Eikonal cross sections from a time-dependent view 1-5151
- Turner, R.E.,** Goldman, L.M. Evidence for multiple Brillouin modes in laser-plasma backscatter experiments 1-37552
- Turner, R.J.** see Busby, T.S. 1-53369
- Turner, S.A.** see McGee, M.G. 1-35917
- Turner, T.W.** see Farrar, N.R. 1-43566
- Turner, W.C.,** Phillips, J.M. Energy accounting 1-35611
- Turner, W.J.** Change of phase in compressible trans-phase calculations 1-14652
- Turnquist, D.,** Lynch, T., Merz, S.S., Reinhardt, N. Development of instant-start thyristors 1-25114
- Turnshek, D.A.,** Turnshek, D.E., Graine, E.R. Spectroscopic and polarimetric observations of NGC 1333 and the surrounding dark cloud complex 1-36368
- Turnshek, D.E.** see Turnshek, D.A. 1-36368
- Turro, R.** see Calvani, M. 1-22847
- Turov, E.A.,** Lugovoi, A.A. Magnetoelastic oscillations of domain boundaries in ferromagnets. I. Resonance modes 1-25972
- Turov, E.A.,** Lugovoi, A.A. Magnetoelastic oscillations of domain boundaries in ferromagnets. II. Generation and scattering of sound 1-31000
- Turov, V.F.** see Beketov, G.V. 1-23513
- Turov, V.F.** see Blinov, A.V. 1-23665
- Turova, N.Ya.** see Kompanets, I.N. 1-34806
- Turovets, L.A.** see Ovcharenko, V.E. 1-12690, 1-39282
- Turovskii, A.A.,** Turovskii, N.A. Conformational analysis of various dialkyl peroxo compounds 1-6399
- Turovskii, N.A.** see Turovskii, A.A. 1-6399
- Turowski, P.** see Barth, W. 1-45790
- Turpin, T.M.** Spectrum analysis using optical processing 1-37429
- Turrell, B.G.** see Marshak, H. 1-26102
- Turro, N.J.,** Aikawa, M., Butcher, J.A., Jr. Application of laser photolysis to the study of reactive intermediates 1-21744
- Turski, A.** The Klein paradox in the modified Dirac equation 1-10060
- Turski, L.A.,** Langer, J.S. Dynamics of a diffuse liquid-vapor interface 1-16152
- Turski, L.A.** see Cieplak, M. 1-3133, 1-16446
- Tursunov, A.A.** see Bakhtadyrhanov, M.K. 1-20810
- Turtle, A.J.** see Ward, M. 1-13856
- Turla, P.** see Chung, H. 1-41167
- Turunen, T.** see Nygren, T. 1-49444
- Turvey, G.J.** Flexural failure analysis of angle-ply laminates of GFRP and CFRP 1-12800
- Turvey, G.J.** Uniformly loaded, clamped, cross-ply laminated, elliptic plates—an initial failure study 1-29620
- Turyanitsa, I.D.** see Kutsenko, Ya.P. 1-16573
- Turyanitsa, I.D.** see Valakh, M.Ya. 1-3420
- Turyanitsa, I.D.** see Zayachkovskii, M.P. 1-16478
- Turyanitsa, I.I.,** Semak, D.G., Khabibulina, L.R., Zyubrik, A.I., Kirich, E.F. Intensification of amplitude-phase contrast in layers of chalcogenide glass semiconductors in the presence of additional chemical processing 1-37443
- Tusa, J.,** Sulkes, M., Rice, S.A. Mode dependent enhanced vibrational relaxation in low energy He^+/B_2 aniline collisions 1-35521
- Tusov, V.B.** see Korvatovskii, B.N. 1-17358
- Tustanivskiy, J.I.,** Carmi, S. Nonlinear stability of modulated finite gap Taylor flow 1-1919
- Tuszewski, M.,** Lieberman, M.A. Radial losses in high- β multiple mirror plasmas 1-51975
- Tuszynski, W.** see Hidvegi, I. 1-43153
- Tutcher, M.G.** see Sheppard, D. 1-31483
- Tuteur, F.B.,** Tung, H., Zornig, J.G. Asymmetric Doppler amplitudes in the surface scatter channel for crosswind transmitter-receiver geometry 1-11227
- Tuthill, W.A.** see SethuRaman, S. 1-54257
- Tutlys, V.** see Bandzaitis, A. 1-10678
- Tutov, V.** see Georgescu, V. 1-34862
- Tuttmann, G.** see Blauert, J. 1-1776
- Tuttle, A.H.** see Harper, J.M.E. 1-41266
- Tuttle, B.A.** see Olsen, R.B. 1-16531
- Tuttle, E.R.,** Calvert, J.B. Angular momentum eigenstates for equivalent electrons 1-40628
- Tuttle, T.A.** see Carniglia, C.K. 1-37528
- Tuttlebee, W.H.W.** see Hearn, D.B. 1-29344
- Tuvdendorzh, D.** see Abdrahmanov, E.O. 1-722
- Tuvdendorzh, D.** see Anoshin, A.I. 1-41149
- Tuyle, G.J.** Van see Van Tuyle, G.J.
- Tuyn, J.W.N.** Response of LiF (TLD-700) thermoluminescence detectors to pions and high-energy neutrons 1-1042
- Tuzar, Z.,** Prochazka, O., Kratochvil, P.Z. Light scattering behaviour of low-molecular-weight polymers in mixed solvents with very high selective sorption 1-46177
- Tuzia, K.,** Russell, D.A., Wai, J.C. Effect of specific heat ratio on two-dimensional transonic aerodynamics 1-46769
- Tuznikov, A.F.** see Fedorchenko, I.M. 1-21597
- Tuzova, L.L.,** Naumov, V.A. Electron-diffraction study of the structure of the chloromethyldichlorophosphine molecule 1-6404
- Tuzova, S.I.** see Mironov, V.L. 1-22493
- Tuzovskii, A.M.** see Litvin, A.A. 1-43280
- Tuzzolino, A.J.** see Lampert, J.E. 1-37067
- Tvardauskas, G.** see Dienys, V. 1-20757
- Tvaroska, I.** see Bleha, T. 1-15030
- Tveit, E.M.** see Palm, E. 1-42055
- Tverdokhle, P.E.** Multichannel computation of quadratic forms by noncoherent methods 1-51601
- Tverdstup, N.I.** see Arsh, E.I. 1-18209
- Tveretskii, A.P.** see Dzhabadov, A.V. 1-23643
- Tvergaard, V.** Bifurcation and imperfection-sensitivity at necking instabilities 1-1854
- Tvergaard, V.** see Hutchinson, J.W. 1-11321
- Tverskaya, L.V.** see Darchiyeva, L.A. 1-4727
- Tverskoi, B.A.** see Vernov, S.N. 1-4731
- Tverskoy, B.A.** see Antonova, Ye.Ye. 1-22592
- Tver'yanovich, Yu.S.,** Borisova, Z.U. Temperature dependence of the magnetic susceptibility of selenium 1-34853
- Tvretin, A.B.,** Dandridge, A., Davis, C.M., Giallorenzi, T.G. Fibre optic accelerometer 1-5301
- Tvretin, A.B.** see Dandridge, A. 1-6663, 1-46341
- Tvretin, A.B.** see Jackson, D.A. 1-6659
- Tvretin, A.B.** see Miles, R.O. 1-37494
- Tvorogov, S.D.** see Gordov, E.P. 1-28249

- Tvrđy, M., Hyspecka, L., Seidl, R., Mazanec, K. Evaluation of mechanical metallurgy characteristics of heat affected zone in steel 10MnNiMo after simulated heat treatment 1-12768
- Twaddle, I.W.T. see Fletcher, I.R. 1-17124
- Twardowski, A., Rokita, E., Gaj, J.A. Valence band spin-orbit splitting in CdTe and $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ and giant Zeeman effect in the Γ_7 band of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ 1-42730
- Twarog, B.A. The chemical evolution of the solar neighborhood. II. The age-metallicity relation and the history of star formation in the galactic disk 1-44630
- Twarog, B.A. see McClure, R.D. 1-54561
- Twarowski, K., Lachowicz, H.K., Gutowski, M., Szymczak, H. On the origin of the perpendicular anisotropy and magnetostriiction in amorphous RF sputtered Gd-Co films 1-52810
- Tweed, R.J. Triple differential cross section for the ionisation of helium by electronic impact 1-19189
- Tweel, L.H. van der see van der Tweel, L.H.
- Twiddy, N.D. see Jones, J.D.C. 1-43649, 1-43651
- Twiddy, N.D. see Raouf, A.S.M. 1-43665
- Twigg, L.W., Rafert, J.B. Anomalous limb darkening coefficients of eclipsing binary systems 1-27557
- Twigg, L.W. see Rafert, J.B. 1-9578
- Twin, P.J. see Ekstrom, L.P. 1-666, 1-23587
- Twin, P.J. see Jones, G.D. 1-28816
- Twin, P.J. see Wadsworth, R. 1-663
- Twin, R.J. see Mitchell, D.N. 1-13024
- Twiss, R.Q. see Tang, W.J. 1-32624
- Twitty, J.T., Rarig, P.L., Thompson, R.E. A comparison of fast codes for the evaluation of the Voigt profile function 1-13571
- Twizell, E.H., Adak, I. Least squares computation of the prestrain and work hardening parameters of sheet metal 1-21474
- Twomey, S., Seton, K.J. Inferences of gross microphysical properties of clouds from spectral reflectance measurements 1-17667
- Twyman, A. see Marshall, T.O. 1-6051
- Ty Liem Ngia Do see Ngia Do Ty Liem
- Tyagai, V.A. see Matsas, E.P. 1-21779
- Tyagai, V.A. see Vitrikhovich, N.I. 1-35168
- Tyagi, B.S. see Rastogi, V.K. 1-31136
- Tyagi, H.R. see Gupta, V.K. 1-15373
- Tyagi, R.C. see Sodha, M.S. 1-53664
- Tyagi, S., Steinberg, J., Lord, A.E., Jr. Anomalous thermal expansion in amorphous $\text{Fe}_{78}\text{Mo}_{22}\text{B}_{20}$ 1-16069
- Tyagi, S. see Steinberg, J. 1-4030, 1-30428
- Tyakht, V.V. see Makarov, A.A. 1-29063
- Tyan, L.S. see Vendik, I.B. 1-52574
- Tyan, Y.-S. see Perez-Albuera, E.A. 1-12147
- Tyapkin, A.A. see Baturov, Yu.A. 1-41113
- Tyapkin, K.F. A new rotation structure formation hypothesis and geostasy 1-22185
- Tyapkin, K.F. A study of abyssal fractures in the Ukrainian shield by geophysical methods 1-54026
- Tyapkin, Yu.D. see Ugarova, E.V. 1-26467
- Tyburski, L. Even more about gauge theories in 1+1 dimensions 1-45164
- Tyce, R.C., Mayer, L.A., Spiess, F.N. Near-bottom seismic profiling: High lateral variability, anomalous amplitudes, and estimates of attenuation 1-11233
- Tychina, I.I. see Gorbun', I.S. 1-21279
- Tychina, I.I. see Sal'kov, E.A. 1-21250
- Tychinskaya, T.V. see Pashchuk, V.I. 1-53465
- Tychinskii, V.P. see Andruschak, E.A. 1-44993, 1-44994
- Tychinskii, V.P. see Babenko, V.P. 1-16991
- Tye, C., Sezen, A.O. Interactive simulation of nuclear power systems using a dedicated mini-computer-computer graphics facility 1-28838
- Tye, R.P. see Skrabek, E.A. 1-2724
- Tyer-Akopjan, G.M. see Fijorov, G.N. 1-28789
- Tyka, R. see Latajka, Z. 1-28875
- Tyalsky, A. see Dias, J.F. 1-35898
- Tykva, R. see Hanzlik, J. 1-53324
- Tyl, J. see Badziak, J. 1-19377
- Tyl, J. see Gacek, A. 1-33275
- Tyleczynski, Z. Physical properties of L-alanine disordered regions in TGS crystals. II. Elastic properties 1-52214
- Tylee, J.L. see Feeley, J.J. 1-50905
- Tyler, D.E. see Dantzig, J.A. 1-12993
- Tyler, G.L. see Simpson, R.A. 1-27408
- Tyler, S.K., Goodhew, P.J. Direct evidence for the Brownian motion of helium bubbles 1-11910
- Tymons, B.J., Ing, H. Calibration of a proportional counting neutron spectroscopy system 1-6073
- Tymonyuk, M.I. see Vasil'ev, V.G. 1-43301
- Tymyanskiy, Ya.R., Kharlanov, V.A., Trukhan, G.E., Papakin, V.Z., Knyazhanskiy, M.I., Sonin, A.Yu., Andreichikov, Yu.P., Mikhailovich, V.S. N-arylpyridinium salts, a new class of laser dyes 1-6551
- Tyner, R.L. see Batson, R.M. 1-44479
- Tymni, A.N., Yaroshkevskaya, L.S. The development of fatigue cracks in polymers 1-35370
- Tyepik, J. Effect of hydrostatic pressure on the EPR spectrum of $\text{Pb}_2\text{Ge}_2\text{O}_{11}:\text{Gd}^{3+}$ 1-52841
- Tyrnov, O.F. see Misyura, V.A. 1-22599
- Tyrnov, O.F. see Nisbet, J.S. 1-54321
- Tyshkevich, V.M. see Gertsriken, D.S. 1-20468
- Tyson, J.J., Fife, P.C. Target patterns in a realistic model of the Belousov-Zhabotinskii reaction 1-4049
- Tyson, P.D. Temporal and spatial variation of rainfall anomalies in Africa south of latitude 22° during the period of meteorological record 1-17683
- Tyson, R.K., Byrne, D.M. The effect of wavefront sensor characteristics and spatiotemporal coupling on the correcting capability of a deformable mirror 1-46494
- Tyson, W.R. Note on the effect of hydrogen on 410 stainless steel 1-3903
- Tyson, W.R. Hydrogen embrittlement and hydrogen-dislocation interactions 1-31585
- Tyufiyagin, A.N. see Afanas'ev, V.A. 1-28532
- Tyukhtayev, Yu.N. see Levchenko, N.A. 1-37372
- Tyulin, V.I. see Glebova, L.A. 1-24064
- Tyulin, V.I. see Khristenko, L.V. 1-6335
- Tyumentsev, A.N. see Korotaev, A.D. 1-11905
- Tyumentsev, S.F. see Makogon, M.B. 1-31563
- Tyurin, E.S. see Bakhrakh, S.M. 1-53231
- Tyupa, V.I. see Aleksey, V.F. 1-2225
- Tyupsov, A.D. see Svecchikareva, M.A. 1-2549
- Tyurin, E.L., Chevok, V.K. Time characteristics of X-ray bremsstrahlung of a laser plasma produced by action exerted on a solid target by an ultrashort pulse accompanied by a small preliminary pulse 1-46929
- Tyurin, E.L. see Letyuk, L.M. 1-3169
- Tyurin, Yu.I. see Nikolaev, I.A. 1-38670
- Tyurnev, V.V. Microwave acoustic resonance in crystals with helical magnetic structure 1-26007
- Tyushkevich, A.N. see Luzin, A.N. 1-26353
- Tyushkevich, B.N. see Kovalev, A.A. 1-46410, 1-51515
- Tyutchev, M.V. see Kalugin, M.M. 1-33669, 1-33670
- Tyutekin, V.V., Ukolov, A.T., Fedoryuk, M.V. Active quenching of electromagnetic waves 1-10891
- Tyutekin, V.V. see Klimov, S.P. 1-37658
- Tyutekin, V.V. see Merkulov, V.N. 1-37695
- Tyutekin, V.V. see Vovk, A.E. 1-19484
- Tyuterev, V.G., Perevalov, V.I. Generalized contact transformations of a Hamiltonian with a quasi-degenerate zero-order approximation. Application to accidental vibration-rotation resonances in molecules 1-6355
- Tyutikov, A.M., Korolev, N.V., Toiseva, M.N., Petukhova, L.V., Kharin, A.S. Study of the surface layer composition and the secondary electron emission coefficient of lead silicate glasses 1-53023
- Tyutikov, A.M., Lobanova, N.V., Toiseva, M.N., Polukhin, V.N., Korolev, N.V., Yakovlev, V.E. Connection between the electron-emission properties of lead silicate glasses and their composition and structure 1-43229
- Tyutin, V.A. see Gurevich, G.M. 1-28463
- Tyutina, N.M. see Borodin, V.S. 1-31944
- Tyutkalo, L.I. Microstructure of transparent corundum ceramic 1-8444
- Tyutrin, I.I. see Solov'ev, S.I. 1-13456
- Tyutrin, Yu.I. see Akishin, A.I. 1-26123
- Tyutyulov, N., Galunsk, B., Karadakov, P. Phase transitions in p-polyphenyls 1-2873
- Tyutyulov, N., Kanev, I., Castano, O., Polansky, O., Barentzen, H. Influence of the long-range Coulomb interaction upon the energy spectrum of infinite polyenes 1-15051
- Tyutyulov, N., Tadzher, A., Ditts, F. Application of the frontier MO's of the unit cell for the study of the energy spectrum of polymer systems 1-7509
- Tyutyulov, N. see Ivanov, C.I. 1-38720
- Tyutyunnikov, P.L. see Belov, S.P. 1-28639
- Tyuvand, P.A. Approximate formulae for the dispersion coefficients of layered porous media 1-2071
- Tzsch, D. see Benford, G. 1-19912
- Tzafestas, S.G. Control of nuclear power plants 1-45628
- Tzanakos, G.S. see Kalogeropoulos, T. 1-33197
- Tzanos, C.P. Orificing of LMFBRs 1-50718
- Tzanos, C.P., Gunnison, F., Barthold, W.P. Impact of power-to-flow ratios on sodium boiling incoherency in large heterogeneous LMFBRs 1-45684
- Tzanos, C.P., Hanan, N.A., Singer, B.S. Cycle-to-cycle analysis vs. homogenized equilibrium cycle analysis 1-50722
- Tzanos, P. see Constantine, P. 1-50724
- Tzara, C. see Balestri, R. 1-28143
- Tzatzov, K.K. see Grigorov, G.I. 1-47388
- Tze, H.C. see Jafarizadeh, M.A. 1-23414
- Tze, H.C. see Chia see Chia Tze, H.
- Tzeng, Y. see Wong, C.W. 1-23648
- Tzeng Yue Juh see Juh Tzeng Yue
- Tzimopoulos, C.D. see Tolikas, P.K. 1-44225
- Tzintzadze, V.D. see Batyunya, B.V. 1-600
- Tzivanidis, G.J. see Kafousias, N.G. 1-37902
- Tzoar, N., Jain, M. Self-phase modulation in long-gate optical waveguides 1-46468
- Tzelekis, A.M. see Filoy, V.M. 1-38906
- Uang, Y.H., Stwalley, W.C. Effective range theory and many-body perturbation theory applied to electron spin-polarized atomic hydrogen ($\text{H}(\text{spin up})$) 1-1080
- Uang, Y.H. see Stwalley, W.C. 1-1079
- Ubelis, A.P., Silihi'sh, Yu.A. High-temperature pulse photolysis apparatus 1-8589
- Uberall, H. see Gaunaud, G. 1-29430
- Uberall, H. see Gaunaud, G.C. 1-39580, 1-46605
- Uberall, H. see Nagl, A. 1-14516
- Uberoi, C. A note on the analysis of the dispersion equation for surface magnetoplasmons in the Faraday configuration 1-38738
- Uberoi, M.S. see Shivamoggi, B.K. 1-34064
- Uchida, H. Development of flow pattern prediction program by finite element method 1-6867
- Uchida, H., Ohta, H., Shimazu, H. Sodium flow distribution test of the air cooler tubes 1-5827
- Uchida, K., Takahashi, Y. Excimer and monomer emission of pyrene crystals associated with the phase transition 1-3452
- Uchida, K. see Nakamura, M. 1-34554
- Uchida, K. see Takahashi, Y. 1-26261
- Uchida, K. see Tanifuji, T. 1-20270
- Uchida, M., Ichikawa, M. In-pile diameter measurement of light water reactor test fuel rods for assessment of pellet-cladding mechanical interaction 1-10439
- Uchida, N. see Nakahara, T. 1-11117
- Uchida, N. see Nakahira, M. 1-29403
- Uchida, N. see Shibata, N. 1-41851
- Uchida, S., Katsuragawa, S., Sueyoshi, T. Evaluation of images for computed tomography scanners by entropy 1-22114
- Uchida, S., Ohtsuka, A., Fujita, H. Applications of uncertainty analysis to visual evaluation of density of radiographs 1-53873
- Uchida, S., Tsai, D.Y., Abe, H. Comparison of several methods for measuring the Wiener spectrum of radiographic screen-film systems 1-49106
- Uchida, S. see Fujita, H. 1-43952
- Uchida, S. see Kato, Y. 1-41850
- Uchida, S. see Shoji, Y. 1-16078, 1-34481
- Uchida, S. see Tanaka, K. 1-49105
- Uchida, T., Ohgawa, M., Wada, M. Liquid crystal orientation on the surface of obliquely-evaporated silicon monoxide with homeotropic surface treatment 1-25158
- Uchida, T. see Kikuchi, M. 1-19973
- Uchida, T. see Ohgawa, M. 1-42293
- Uchida, T. see Wugokobiat, S. 1-19469
- Uchida, Y. see Lehmppfuh, G. 1-20535
- Uchida Shin-ichi see Shin-ichi Uchida
- Uchikawa, S., Motoda, H. A method for calculating power distributions in boiling water reactors using in-core detector readings 1-45636
- Uchikawa, Y., Kotani, M. Application of finite-element method for analysis of electrocardiography and magnetocardiography 1-4305
- Uchikawa, Y. see Ikeda, S. 1-40900
- Uchikura, M. see Odani, H. 1-34571
- Uchimura, N. see Takada, Y. 1-25804, 1-47752
- Uchimura, R. see Kumagai, M. 1-21686
- Uchimura, Y. see Sakino, H. 1-17636
- Uchino, K., Cross, L.E. A high-sensitivity AC dilatometer for the direct measurement of piezoelectricity and electrostriction 1-14104
- Uchino, K., Cross, L.E., Newnam, R.E., Nomura, S. Electrostrictive effects in non-polar perovskites 1-16526
- Uchino, K., Cross, L.E., Nomura, S. Inverse hysteresis of field induced elastic deformation in the solid solution 90 mol.% $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_{10}$ mol.% PbTiO_3 1-12457
- Uchino, K. see Kuwata, J. 1-21130
- Uchino, K. see Nakagawa, H. 1-981
- Uchino, O., Hirono, M., Maeda, M. A calculation of the stratospheric aerosol size distribution 1-54183
- Uchino, O., Maeda, M., Shibata, T., Hirono, M., Fujiwara, M. Measurement of stratospheric vertical ozone distribution with a Xe-C1 lidar: estimated influence of aerosols 1-36017
- Uchinokura, K. see Sekine, T. 1-8057
- Uchishiba, H., Kasahara, S., Yamaguchi, K. Temperature characteristics of small bubble garnet films 1-42987
- Uchishiba, H. see Yamaguchi, K. 1-7906
- Uchitomi, S. see Mine, K. 1-27987
- Uchiyama, A. see Yamada, M. 1-13352
- Uchiyama, F. Longitudinal momentum distributions of heavy-ion fragments in peripheral reactions 1-41091
- Uchiyama, F. see Yokoshima, I. 1-36708
- Uchiyama, S. see Shiohara, S. 1-7921
- Uchiyama, S. see Tsunashima, S. 1-38926
- Uchiyama, Y., Koga, H. Reaction between heat-treated carbon steels and liquid zinc 1-3972
- Uchiyama, Y. see Koga, H. 1-3971, 1-43340
- Uchov, V.F. see Poluchin, V.A. 1-30041
- Uchv, G. A new type of extremity dosimeter 1-6086
- Uchtmann, H., Hensel, F., Overhof, H. DC and infrared AC conductivity in dense mercury vapours 1-19859
- Uckan, T. Design of a hyperbolic microwave metallic lens 1-51990

- Uda, M. *see* Endo, H. 1-1160
 Uda, M. *see* Kobayashi, M. 1-31739
 Uda, M. *see* Ohno, S. 1-7344
 Uda, M. *see* Sasa, Y. 1-26501
 Uda, T. *see* Nakao, T. 1-10484
 Uda, T. *see* Takasaki, Y. 1-52472
 Udachan, L.A., Shivaprasad, S.M., Ashrit, P.V., Angadi, M.A. Electrical resistivity and temperature coefficient of resistance of vacuum evaporated thin chromium films 1-2936
 Udachan, L.A. *see* Shivaprasad, S.M. 1-3079
 Udagawa, M., Ushioda, S., Forsyth, D.E., Valdez, J.B. Resonance Raman scattering at the indirect gap of gallium phosphide 1-52937
 Udagawa, M. *see* Fujimoto, H. 1-1556
 Udagawa, M. *see* Tominaga, Y. 1-48104
 Udagawa, S., Urabe, K., Yano, T., Natsume, M. Studies on the phase transitions of Ca_2SiO_4 by X-ray single crystal camera with a high temperature apparatus 1-21444
 Udagawa, T., Tamura, T. Breakup-fusion description of massive transfer reactions with emission of fast light particles 1-5791
 Udagawa, T. *see* Takada, E. 1-41137
 Udagawa, T. *see* Tamura, T. 1-23624
 Udalova, L.V., Volynets, F.K., Kleshchinskii, L.I., Vanyukhin, G.N., Kiseleva, L.A. Compaction kinetics of lithium fluoride-doped yttrium oxide 1-8259
 Udalova, T.A. *see* Eletskii, A.V. 1-28896, 1-51210
 Udavachak, D.L. *see* Stuebinger, L.R. 1-929
 Udaybaskaran, S. *see* Srinivasan, S.K. 1-29865
 Udd, E. *see* Cahill, R.F. 1-1696
 Uddholm, P. The electron plasma line in the density fluctuation spectrum 1-38051
 Udeschini, E.B. A natural scalar field in the Einstein gravitational theory 1-5174
 Udler, A.S. Model of electric fields and currents in the dark polar ionosphere 1-22595
 Udo, F. *see* Diddens, A.N. 1-14747, 1-23998
 Udo, F. *see* Jonker, M. 1-10194, 1-14432, 1-45258
 Udo, M.K., de Souza, M.F. The ordering of aqueous suspensions of polystyrene spheres 1-13045
 Udoev, Yu.P. *see* Dremov, S.S. 1-24497
 Udoenko, A.A. *see* Lunin, V.Ya. 1-34811
 Udoenko, V. *see* Vintaikin, E.Z. 1-3144
 Udoenko, V.F. *see* Kravchenko, V.V. 1-20894
 Udovichenko, L.V. *see* Dianov, E.M. 1-35006
 Udralov, Yu.I. Improving the efficiency of radiographic quality control of welded joints 1-39577
 Udreă, E. *see* Dragulescu, D. 1-15677
 Udreă, M. *see* Dragulescu, D. 1-15677
 Udvardy, S.P. *see* Fiore, N.F. 1-21599
 Udwarda, F.E., Miura, H. A methodology for locating strong motion arrays 1-32368
 Udyma, P.G. *see* Gilis, I.A. 1-29680
 Ueba, H. Theory of surface self-trapping 1-3042
 Ueba, H. *see* Jerrard, R.J. 1-42840
 Uebbing, R. *see* Baumgart, H. 1-52450
 Uebbing, R.H., Wagner, P., Baumgart, H., Quesser, H.J. Luminescence in slipped and dislocation-free laser-annealed silicon 1-48128
 Uecker, H., Riccato, A., Thacker, G.R., Ney, J., Biersack, J.P. Experiments on sputtering of niobium by 14-16 MeV protons and Monte Carlo calculations for proton and neutron sputtering 1-26338
 Ueda, A., Takada, J., Hiwatari, Y. Molecular dynamics studies of solid-liquid interface of soft-core model 1-30559
 Ueda, A., Takada, J., Hiwatari, Y. Molecular dynamics studies of solid-liquid interface of soft-core model 1-38502
 Ueda, A. *see* Hiwatari, Y. 1-34506
 Ueda, A. *see* Shiotani, T. 1-25440
 Ueda, H., Fujikata, K., Ejiri, M. A simple voice synthesis technique based on the use of voice wave segments and its applications 1-37727
 Ueda, H., Watanabe, T. Linearity of ferromagnetic core solenoids used as magnetic sensors 1-54271
 Ueda, H. *see* Kato, T. 1-21132
 Ueda, H. *see* Kiyota, K. 1-24468
 Ueda, H. *see* Nakajima, M. 1-1963
 Ueda, K., Ashizawa, Y., Fukuda, K. Collision-induced dipole transitions associated with high-lying states. II. Experimental and theoretical studies of calcium in rare gases 1-46066
 Ueda, K., Fujimoto, T., Fukuda, K. Collision-induced dipole transitions associated with high-lying states. I. Absorption studies of barium in rare gases 1-6187
 Ueda, K., Fujimoto, T., Fukuda, K. Collision broadening of principal series lines of barium in the presence of krypton 1-19054
 Ueda, K., Fukuda, K. Interferometric measurement of large values of number density of metal vapor in heat pipes 1-44995
 Ueda, K., Gokoh, M., Yamamoto, Y. The synergistic effect in the solvent extraction of 3d type divalent transition metals 1-17139
 Ueda, K. *see* Iida, O. 1-53512
 Ueda, K. *see* Kanou, K. 1-26639
 Ueda, K. *see* Kudo, Y. 1-27031
 Ueda, M., Igarashi, Y. Estimation of media acoustic characteristics 1-46622
 Ueda, M. *see* Fuke, K. 1-8539
 Ueda, M. *see* Imai, Y. 1-39300
 Ueda, M. *see* Kitagawa, K. 1-8358
 Ueda, M. *see* Shiba, K. 1-50128
 Ueda, N. *see* Ohnuma, H. 1-18635
 Ueda, N. *see* Tabata, T. 1-8382
 Ueda, O., Imai, H., Fujiwara, T., Yamakoshi, S., Sugawara, T., Yamaoka, T. Abrupt degradation of three types of semiconductor light emitting diodes at high temperature 1-21256
 Ueda, R. *see* Shinohara, K. 1-45956
 Ueda, T. *see* Kobayashi, H. 1-28749
 Ueda, Y., Noguchi, A. On the relationship between the Zakharov-Shabat and Hirota-Oishi schemes for constructing various soliton solutions 1-14029
 Ueda, Y., Ono, K., Moriyma, J. Thermodynamic study of the Nb-C-O solid solutions at 2073-2273K 1-3696
 Ueda, Y. *see* Okuda, S. 1-34161
 Ueda, Y. *see* Sato, T. 1-41823
 Ueda, Y. *see* Takahashi, M. 1-23226
 Ueda, Y. *see* Takiyama, K. 1-26243
 Uedaira, S. *see* Ito, S. 1-16468
 Uegaki, J., Dallin, L.O., Shin, Y.M., Kim, C.Y. High resolution, high energy telescope counters for (γ , charged particles) reaction studies 1-37083
 Ueha, S., Kobayashi, N., Saito, T., Tsujiuchi, J. Thermoplastic photographic material for vibration measurements by speckle photography 1-6837
 Ueha, S., Shibata, N., Tsujiuchi, J. Vibration measurement using optical fiber probe 1-15279
 Ueha, S. *see* Magome, N. 1-51725
 Uehara, H., Hakuta, K. High-field LMR spectra of ClO_2 tuned by the avoidance of Zeeman level crossings 1-45999
 Uehara, H. *see* Hakuta, K. 1-46000
 Uehara, K., Takeuchi, H., Imai, T., Yamamoto, T., Fujii, T., Fujisawa, N., Nagashima, T. Parametric absorption of lower hybrid wave in the boundary plasma of JFT-2 Tokamak 1-38086
 Uehara, K. *see* Miyasaka, K. 1-2345
 Uehara, K. *see* Shimada, M. 1-11539
 Uehara, K. *see* Suzuki, N. 1-25039
 Uehara, M. Direct observation of domain nucleation in GdCo , single crystals 1-16457
 Uehara, S. What operator corresponds to the observable field-strength in Weinberg-Salam model? 1-40957
 Uehara, S. *see* Kugo, T. 1-33100
 Uehara, S. *see* Nagata, K. 1-52711
 Uehara, T. *see* Fukukita, H. 1-53882
 Uehara, T. *see* Matsumoto, G. 1-8837
 Ueki, K. Monte Carlo analysis for shielding problems 1-33354
 Ueki, M., Onouki, K., Yoshikawa, S. Surface acoustic wave transducers made by anodic oxidation 1-19541
 Ueki, M. *see* Meshii, M. 1-11807
 Ueki, S. *see* Doi, Y. 1-48677
 Uelhoff, W. *see* Van Der Hart, A. 1-34263
 Uematsu, K. *see* Ochiai, Y. 1-52671
 Uematsu, K. *see* Ohira, H. 1-47956
 Uematsu, Y. *see* Kinoshita, J. 1-53107
 Uematsum, M., Franck, E.U. Static dielectric constant of water and steam 1-52885
 Uemoto, T. *see* Yoshino, K. 1-46998
 Uemura, K., Kanno, I., Miura, Y., Miura, S., Hattori, H., Nakanishi, S., Hirose, Y., Koga, K. A hybrid emission computed tomograph, HEAD-TOME-I, and its clinical application 1-32235
 Uemura, M. *see* Saegusa, T. 1-8350
 Uemura, T. *see* Iyoki, S. 1-3984
 Uemura, T. *see* Kawamura, K. 1-17143
 Uemura, Y. *see* Takada, Y. 1-25804, 1-47752
 Uemura, Y.J. Zero-field muon spin relaxation reflecting dynamics of spin glass 1-16517
 Uemura, Y.J. *see* Hayano, R.S. 1-26104
 Uemura, Y.J. *see* Takigawa, M. 1-26103
 Ueng, W.J. *see* Yao, Y.D. 1-8343
 Uenishi, M., Nakamura, H., Horikawa, T., Ichimura, T., Tanizawa, T., Takasugi, S. Computer program system for fatigue strength analysis 1-43481
 Ueno, H. *see* Taneichi, H. 1-18618
 Ueno, I. *see* Webster, A.R. 1-4574
 Ueno, K. Monodromy preserving deformation and its application to soliton theory. I 1-18044
 Ueno, K. Monodromy preserving deformation and its application to soliton theory. II 1-27789
 Ueno, K. *see* Ito, A.S. 1-45373
 Ueno, K. *see* Watanabe, N. 1-35638
 Ueno, T. Multi-dimensional wave equation and an associated group of operators on the boundary 1-32853
 Ueno, T. Effects of the surface contour on the bilayered scaling of nickel 1-53340
 Ueno, T., Odajima, A. Study of photo-induced effect in obliquely-deposited amorphous Ge-Se films by XPS 1-35144
 Ueno, Y. Comment on the critical dynamics of the SK model 1-12307
 Uemosono, C. *see* Isa, H. 1-15733
 Uemosono, C. *see* Okuda, S. 1-34161
 Uesugi, K. *see* Akiba, R. 1-27358
 Uesugi, K. *see* Higashiguchi, M. 1-2226
 Uesugi, N. Difference-frequency generation in three-dimensional LiNbO_3 optical waveguide 1-33766
 Uesugi, N. Second harmonic generation in three-dimensional LiNbO_3 optical waveguide 1-46455
 Uesugi, N. *see* Morita, M. 1-43267
 Ueta, M. *see* Mita, T. 1-38726
 Ueta, M. *see* Nozue, Y. 1-35043
 Ueta, M. *see* Sotome, K. 1-30645
 Uetz, H., Wlassow, W. Investigations of failure mechanism under dry sliding friction of boride layers 1-12894
 Ueyama, H. Fluctuating hydrodynamic equations of mixed and of chemically reacting gases 1-38019
 Ueyama, N., Akasaka, K., Takano, T., Takeda, M., Kuroyanagi, T. Temper condition and fracture toughness of Cu-Ni-Si (Corson) alloy 1-21571
 Ueyama, N., Shiga, S., Takano, T., Takeda, M., Kuroyanagi, T. New EFTEC 45 alloy for electronic uses. I. Mechanical and chemical properties 1-26405
 Ufimtsev, V.B., Zinov'ev, V.G., Raikhman, M.R. Heterogeneous equilibria in the system In-Sb-Bi, and liquid-phase epitaxy of InSb-based solid solutions 1-16761
 Ufimtsev, V.B. *see* Kholina, E.N. 1-31432
 Ufimtsev, V.B. *see* Lobanov, A.A. 1-42404
 Ugai, M. Magnetic field reconnection in a sheared field 1-42143
 Ugai, Ya.A., Illarionov, A.A., Gukov, O.Ya. Kinetics and mechanism of the reaction of Ti with phosphorus vapor at 800°C 1-17042
 Ugajin, M. *see* Shiba, K. 1-42427
 Ugarova, E.V., Travina, N.T., Tyapkin, Yu.D. Spatial distribution of γ -phase particles and its relation to the properties of the ageing alloy Ni-14 at.% Al polycrystals 1-26467
 Uggerhoj, E. *see* Bhattacharya, P.K. 1-52200
 Uglov, A.A., Galiev, A.L. Influence of an electric field on the microhardness of laser irradiated steel 1-16868
 Uglov, A.A., Grebennikov, V.A. On the action of laser radiation on porous materials 1-15924
 Uglov, A.A., Gus'kov, A.P. On the sublimation of a metal into a foreign gas atmosphere 1-47219
 Uglov, A.A. *see* Galiev, A.L. 1-26414
 Uglum, J.R. *see* Cornet, E. 1-46920
 Ugnewski, S. Analysis of schlierenograms in refractometry of axisymmetric objects 1-11593
 Ugnewski, S. Lateral observation of transparent non-homogeneous axisymmetrical media 1-19265
 Ugodnikova, L.A., Chuchman, S.G., Noskova, L.M. Magnetic susceptibility of the Y-Tm system and dilute solutions of heavy rare-earth metals in yttrium 1-12265
 Ugodnikova, L.A. *see* Davydov, A.B. 1-38905
 Ugorkji, C.C. *see* McGee, M.G. 1-35917
 Ugrin, M.I. *see* Alfeyev, V.N. 1-34834
 Uher, C. Thermal conductivity of several exfoliated graphites from 2K to 300K 1-30493
 Uher, C. *see* Boxus, J. 1-42803
 Uhl, M. *see* Strohmaier, B. 1-18649
 Uhlemann, E. *see* Klose, G. 1-51228
 Uhlenbusch, J. *see* Carlhoff, C. 1-46906
 Uhlenbusch, J. *see* Odenthal, H. 1-34166, 1-38152
 Uhlherr, P.H.T. *see* Chhabra, R.P. 1-2124
 Ublig, H.-W., Palis, H. Regeneration of primary cells 1-35637
 Uhlir, J. *see* Enxar, P. 1-6909
 Uhlmann, D.R. Polymer glasses and oxide glasses 1-30070
 Uhlmann, D.R. Electron microscopy and SAXS studies of amorphous polymers 1-30095
 Uhlmann, D.R. On the internal nucleation of melting 1-30361
 Uhlmann, D.R. *see* Button, D.P. 1-30454
 Uhlmann, D.R. *see* Klein, L.C. 1-22341
 Uhlmann, D.R. *see* Matyl, R.J. 1-2346
 Uhlmann, D.R. *see* Onorato, P.I.K. 1-30082
 Uhlmann, D.R. *see* Weinberg, M.C. 1-2635
 Uhlmann, K. *see* Fehrmann, U. 1-20525
 Uhlmann, K. *see* Mussig, H.-J. 1-40897
 Uhm, D.Y. *see* Lee, C.O. 1-26885
 Uhm, H.S., Davidson, R.C. Low-frequency flute instabilities in intense nonneutral electron and ion beams 1-2181
 Uhm, H.S., Davidson, R.C. Influence of wall impedance on the electron cyclotron maser instability 1-29244
 Uhm, H.S., Davidson, R.C. Stability properties of intense nonneutral ion beams for heavy-ion fusion 1-51016
 Uhm, H.S., Lampe, M. Theory of the resistive hose instability in relativistic electron beams 1-2180
 Uhm, H.S. *see* Davidson, R.C. 1-10953
 Uhrenius, B. Calculation of phase equilibria in the Fe-W-C system 1-21420
 Uhrenius, B. *see* Lindqvist, P.-A. 1-21421
 Uhrhammer, R.A. Analysis of small seismographic station networks 1-32365

- Uhsio, K., Konashi, H., Yokoo, Y. Note on parity-violating asymmetry in inclusive photoproduction of lepton pairs 1-33188
- Uihlein, Ch. see Eaves, L. 1-48139
- Uihlein, Ch. see Frolich, D. 1-48107
- Uijtjings, P. see van Kleef, Th.A.M. 1-1158
- Uitert, L.G. Van see Van Uitert, L.G.
- Uitzinger, M.J. see Van Poelgeest, A. 1-10320
- Ujhidy, A. see Nagy, E. 1-21777
- Ujihashi, S., Koizumi, T., Matsumoto, H., Nakahara, I. Dynamic displacements and stresses in a circular cylindrical shell of finite length with both ends clamped which is subjected to concentrated impulsive loads 1-24717
- Ujije, S., Hayashi, Y., Makioka, T., Koike, K., Kato, S. Environmental qualification test of LC electrical penetration for nuclear power stations 1-799
- Ujma, Z., Handerek, J. Space-charge polarization and phase transitions in lead zirconate 1-16535
- Ujma, Z. see Handerek, J. 1-16536
- Ukai, K. see Tsukada, T. 1-43557
- Ukegawa, T. see Gamo, K. 1-12640
- Ukhanov, E.V., Taganov, O.M., Lebedeva, L.P. Spectroradiometric apparatus for testing IR receivers 1-327
- Ukhanov, M. see Gensch, U. 1-595
- Ukhanov, M.N. see Denegri, D. 1-28356
- Ukhanov, R.F. see Mishchenko, V.I. 1-21657
- Ukhanov, Yu.I. see Schichina, I.N. 1-21160
- Ukigai, M. see Miida, Y. 1-1749
- Ukita, T., Nakagawa, S., Sakai, T. A use of pitch contour in recognizing spoken Japanese arithmetic expressions 1-37728
- Ukolov, A.T. see Tyutkin, V.V. 1-10891
- Ukshe, E.A., Bukun, N.G. Impedance of the metal/solid electrolyte interface 1-42571
- Ukshe, E.A. see Atomyan, L.O. 1-7148
- Ulaby, F. see Dobson, M.C. 1-35983
- Ulanov, V.M. Increasing the sensitivity of X-ray photomaterials 1-50257
- Ulanjski, J. see Jeszka, J.K. 1-42751
- Ulanovskii, M.V. see Elagin, A.Yu. 1-5274
- Ulasjuk, V.N. see Bazhenov, S.L. 1-33695
- Ulasjuk, V.N. see Bogdankevich, O.V. 1-33684
- Ul'berg, Z.R. see Deryagin, B.V. 1-53481
- Ulbrecht, J.J., Gasparetto, C.A. Reduction of drag experienced by a disk rotating in viscoelastic polymer solutions under laminar flow conditions 1-24850
- Ulbrich, H.H.G.J. see Girardi, V.A.V. 1-9130
- Ulbrich, R.G. Optical excitation of hot carriers [in semiconductors] 1-16317
- Ulbrich, R.G., Narayanamurti, V., Chin, M.A. Propagation of large-wave-vector acoustic phonons in semiconductors 1-15989
- Ulbrich, R.G., Narayanamurti, V., Chin, M.A. Propagation of large wavevector acoustic phonons in semiconductors 1-47184
- Ulbrich, R.G., Nguyen Van Hieu, Weisbuch, C. Resonant electronic Raman scattering in semiconductors 1-35034
- Ulbricht, K.A. Tentative image processing with Seasat SAR image correlated onto Landsat scene 1-54291
- Uldashev, A.A. see Azimov, S.A. 1-36954
- Uldashev, B.S. see Azimov, S.A. 1-36954
- Uldry, M. see Hammarstrom, R. 1-14739, 1-14746
- Ulehla, I., Havlicek, M. New method for computation of discrete spectrum 1-49957
- Ulehla, I., Havlicek, M., Horejsi, J. Eigenvalues of the Schrodinger operator via the Prufer transformation 1-49977
- Ulenikov, O.N. see Antipov, A.B. 1-24161
- Ulenikov, O.N. see Makushkin, Yu.S. 1-1302
- Ulich, B.L. Improved correction for millimeter-wavelength atmospheric attenuation 1-4776
- Ulich, B.L. see Hollis, J.M. 1-32732
- Ulin, S.E. see Gal'per, A.M. 1-13555
- Ulinich, F.R. see Alipchenkov, V.M. 1-19949
- Ulinaskas, R.V. see Zukauskas, A.A. 1-9977
- Ulion, N.E. see Vargas, J.R. 1-31760
- Ulitenko, A.N. see Tisvirko, E.I. 1-21668
- Ulitko, A.F. see Boriseiko, A.Ya. 1-26129
- Ulitkiy, N.I. see Koloshnikov, V.G. 1-14957
- Ulizko, E.P. see Ivashchenko, M.M. 1-3799
- Ullevig, D.M. see Evans, J.F. 1-31957
- Ullmaier, H. see Khera, S.K. 1-11792
- Ullmaier, H. see Trinka, H. 1-15949
- Ullman, R. Small angle neutron scattering of polymers 1-38309
- Ullmann, J.L. see Brady, F.P. 1-28823
- Ullmann, J.L. see Zanelli, C.I. 1-45506
- Ulloa, S. see Ley-Koo, E. 1-22974
- Ulrich, B.M. see Hung, L.S. 1-38677
- Ulrich, H. see Schwanner, I. 1-15041
- Ulrich, R. see Selig, M. 1-50877
- Ulrich, R.L. Effects of split doses of X-rays or neutrons on lung tumor formation in RFM mice 1-4336
- Ulmanis, U.P. see Men, A.N. 1-15926
- Ulmer, M.P., Kowalski, M.P., Cruddace, R.G., Johnson, M., Meekins, J., Smathers, H., Yentis, D., Wood, K., McNutt, D., Chubb, T., Byram, E.T., Friedman, H. A survey of rich clusters of galaxies with HEAO 1. II 1-54640
- Ulmer, W. On the representation of atoms and molecules as self-interacting field with internal structure 1-14797
- Ulmer, W. Theoretical aspects of some physiological correlations 1-26876
- Ulmer, W. Electronic structure of the metabolites of cyclophosphamide 1-51125
- Ulmet, J.P. see Ousset, J.C. 1-30696
- Ulmschneider, P. see Schmitz, F. 1-36269
- Ullner, J. Temperature and magnetic field dependence of the sound velocity in tetragonal paramagnets 1-38962
- Ulrich, M.H., Butcher, H., Meier, D.L. B2 1141+37: a giant radio galaxy with remarkable radio and optical properties 1-22915
- Ulrich, R. see Bohm, K. 1-41860
- Ulrich, R. see Chihone, N. 1-37622
- Ulrich, R. see Sartov, G. 1-6641
- Ulrich, R.K. see Lubow, S.H. 1-27468
- Ulrich, B. see Jahne, E. 1-2577
- Ulrich, W. see Gehlhof, W. 1-25669
- Ullrickson, M., Cecchi, J. Thermal testing of coated materials for limiters and protective plates in tokamak fusion test reactors 1-18893
- Ullrickson, M. see Cohen, S.A. 1-50928
- Ullrickson, M. see Meservey, E.B. 1-24992
- Ullrickson, M. see Owens, D.K. 1-25073
- Ullrich, B. see Mayer, D. 1-1431
- Ullstrup, J. Solid-electrolyte tunnelling 1-34791
- Ullstrup, J. see Kornyshev, A.A. 1-34974
- Ultee, C.J. Chemical and gasdynamic lasers 1-10995
- Ulyakova, N.M. Effect of molybdenum, niobium, and tungsten on the mechanical properties and structure of titanium alloys 1-16845
- Ulyanenko, A.P. see Novikov, N.V. 1-39389
- Ulyanov, A.N. see Artem'ev, A.Yu. 1-46311
- Ulyanov, K.N. see Kostylev, A.A. 1-15665
- Ulyanov, V.A. see Trunov, V.A. 1-25886
- Ulyanov, V.I. see Dem'yanenko, P.A. 1-3029
- Ulyanychev, N.V. see Leshchanskii, Yu.I. 1-40123
- Ulybin, V.A. see Baklanov, E.V. 1-51177
- Umadevi, V. see Sood, A.K. 1-47187
- Umadikar, P.H. see Bhat, N.V. 1-12601
- Umakanthan, N. see Chikkur, G.C. 1-36716
- Umakoshi, Y. see Yamaguchi, M. 1-8375
- Uman, M.A. see Rustan, P.L. 1-13538, 1-22480
- Uman, M.A. see Serhan, G.I. 1-32510
- Umanets, V.A. see Smol'nikov, E.A. 1-48384
- Umanitskii, B.A., Blinov, L.M., Barnik, M.I. Flexoelectric domains in twisted liquid-crystal structures 1-34233
- Umanitskii, S.E. Approximate solution of boundary problems of the deformation theory of plasticity 1-1844
- Umarji, A.M., Subba Rao, G.V., Janawadkar, M.P., Radhakrishnan, T.S. Structure and superconductivity of $Pb_{1-x}Al_xMo_2S_8$ (A=Ag, In, Bi) Chevrel phases 1-42884
- Umarji, A.M. see Ramasamy, S. 1-31226
- Umarov, B.S., Vetelino, J.F., Abdullaev, N.S., Anikiev, A.A. Study of the temperature dependence of the dielectric properties of $LiTaO_3$ by raman spectroscopy 1-16569
- Umarov, B.S., Vetelino, J.F., Abdullaev, N.S., Anikiev, A.A. Temperature dependence of the dielectric constant and IR reflection spectrum of $LiNbO_3$ by Raman scattering 1-21106
- Umarov, T.A. see Abdurakhmanov, K.P. 1-20405
- Umbach, C.P., Toth, L.E., Dahlberg, E.D., Goldman, A.M. Comparison of T_c 's and phase relationships of Nb_3Ge films deposited on Al_2O_3 and Al_2O_3 substrates 1-52680
- Umbach, E., Schichl, A., Menzel, D. Angle-dependent valence photoemission from adsorbed molecular nitrogen. A comparison of measurements and model calculations 1-8194
- Umbach, E. see Feulner, P. 1-11982
- Umayashii, S., Kobayashi, K., Isayama, Y., Nakamura, M. Nitridation of mixed compacts of Shirasu and Al 1-26521
- Umayashii, S., Kobayashi, K., Kataoka, R. Hot-pressing of the compacts prepared by nitriding the powder mixtures of SiO_2 , Al and Si 1-48315
- Umayashii, S., Kobayashi, K., Nakashima, K. Influence of stearate contamination on oxidation of hot-pressed SiAlON ceramics 1-12916
- Umayashii, S., Kobayashi, K., Oogawara, A. Hot-pressed Si-Al-O-N type materials made from 'Shirasu' and Al powder 1-31403
- Umeda, Y. see Takanishi, T. 1-46669
- Umek, A.M., Swenson, L.D. FFTF in containment cell liner design and installation experience 1-14635
- Umeyia, H. see Yokoyama, T. 1-17308
- Umamoto, H., Kyogoku, T., Tsunashima, S., Sato, S. The absolute cross sections for the quenching of cadmium 5^3P_1 and 5^3P_2 atoms by some unsaturated hydrocarbons and fluorocarbon-thylenes 1-19049
- Umamoto, T. see Amano, M. 1-50765
- Umamura, A. see Ogawa, S. 1-24872
- Umamura, I., Yamamoto, K. Possible structures of gauge hierarchies in the SU(L) unification 1-476
- Umehura, I., Yamamoto, K. SU(7) GUT and evasion of the survival hypothesis 1-50367
- Umehura, J. see Hayashi, S. 1-25247
- Umendra see Kishore, D. 1-47989
- Umehofer, T.A., Derezotes, P.N. Atmospheric effects of cooling towers 1-4233
- Umeno, M., Hattori, H., Jimbo, T., Sakamoto, M. A dual spectral-band infrared thermo-radioscope 1-263
- Umeno, M. see Hattori, H. 1-40752
- Umeno, M. see Sakai, M. 1-40849
- Umeno, M. see Jimbo, S. 1-11174, 1-13123, 1-43761
- Umeno, M. see Tobe, M. 1-6681
- Umeno, M. see Yasutake, K. 1-26255, 1-35303
- Umetani, K. see Shima, K. 1-10687
- Umetani, K. see Takamaru, N. 1-25232
- Umetani, Y. see Moriyama, Y. 1-49432
- Umeya, K., Hara, R. On the rheology of packed polymer powders 1-35497
- Umeya, K. see Hara, R. 1-34418
- Umeya, K. see Shimura, S. 1-53802
- Umezaki, S. see Katsube, T. 1-4183
- Umezawa, H. see Kotani, A. 1-34872
- Umezawa, H. see Tachiki, M. 1-42896
- Umezawa, H. see Tsuruta, H. 1-41173
- Umezawa, T. see Sasaki, K. 1-31764
- Umizu, J. see Cerez, P. 1-11050
- Umikova, A.I. see Maksimova, V.M. 1-45065
- Umland, E. see Duck, I. 1-14470
- Umland, E.A. see Hofsteezer, J.H. 1-41142
- Umland, F., Wallmeier, W. Polarographic investigation of the influence of some cations in acid solution on selenium and tellurium 1-35588
- Umlauf, E., Sutsch, P., Hess, E. Low temperature properties of $(La_{1-x}Sm_x)Sn_3$ and $CeSn_3$ 1-20705
- Umlauf, E. see Sutsch, P. 1-42741
- Umlauf, R., von Platen, H., Forugh, A.S., Barth, P. A ternary compound and phase relations in the system $SiO_2-Al_2O_3-P_2O_5$ 1-39319
- Umnova, T.A. see Klokova, N.P. 1-49903
- Umpferovich, N.V., Romanov, V.I., Grishutin, D.V., Gubina, N.K., Nikol'skii, E.V. Seismogeological cross section of Cambrian deposits of the southern area of the Siberian Platform 1-40078
- Umstadter, D. see Brower, D.L. 1-46400
- Umstead, M.E., Fleming, J.W., Lin, M.C. Photoreduction of hydrocarbons with lasers 1-21745
- Umstead, M.E. see Rujimot, G.T. 1-12976
- Unal, H.C., van Gassel, M.L.G., van't Verlaet, P.M. Dryout and two-phase flow pressure drop in sodium heated helically coiled steam generator tubes at elevated pressures 1-37995
- Unal, N. see Duru, I.H. 1-42907
- Unangst, D. see Filscher, J. 1-29978
- Unangst, K.D. see Wei, R.P. 1-43514
- Undalov, Yu.K. see Mamedov, A. 1-42780
- Underbrink, A.G., Huczokowski, J., Woch, B., Gedlek, E. Somatic aberrations in relation to lethality in *Tridacena* stamen hairs: the influence of radiation dose and quality 1-22069
- Underbrink, A.G., Woch, B. Evidence that the oxygen enhancement ratio for pink somatic mutations in *Tridacena* stamen hairs may approach unity at very low X-ray doses 1-43918
- Underhill, A.B. An observational H-R diagram for early-type stars 1-4905
- Underhill, A.B. A suggestion concerning the generation of the physical state of stellar mantles 1-22801
- Underhill, A.E., Watkins, D.M., Jacobsen, C.S. The electrical conduction and optical properties of the new 1D conductor $Zn_{0.81}[Pt(C_2O_4)_2] \cdot 6H_2O$ 1-34695
- Underhill, C., Krappche, T., Dresselhaus, M.S. Synthesis and characterization of high stage alkali metal donor compounds 1-35200
- Underhill, C. see Berney, C.V. 1-34331
- Underhill, C. see Lowe, R.D. 1-30378
- Underhill, P.R., Matthew, J.A.D. Parameterisation of LCAO calculations in the solid state 1-12014
- Underwood, J.H. see Stern, R.A. 1-54555
- Underwood, K.L. see Hayes, J. 1-37576
- Underwood, K.L. see Womack, K.H. 1-44999
- Underwood, M.C., Erents, S.K., Hoston, E.S. Experimental measurements of hydrogen isotope exchange in carbon surfaces under ion bombardment 1-26333
- Undzenas, V.J. see Kudaba, V.E. 1-20840
- Unfer, L., Jr. see Tibbs, N.H. 1-44189
- Unfried, E. see Vana, N. 1-3512
- Ung Chan Tsan see Tsan Ung Chan
- Ungar, T. see Kovacs, I. 1-21504
- Ungar, T. see Radomsky, M. 1-21450
- Ungelenk, J. see Geitner, P. 1-6687
- Unger, H. see Tuerk, W. 1-41179
- Unger, J. Developed channel flow between reservoirs of different temperatures 1-37935
- Unger, K. see Pickenhain, R. 1-30651
- Unger, K. see Pietsch, U. 1-30132
- Unger, K. see Tsipivka, Yu.I. 1-12053

- Unger, L., Grabowski, R. Measurement of small capacities or capacity variations by means of phase comparison technique applied for sensoric purposes 1-28036
- Unger, W.E. see Rainey, R.H. 1-23777
- Ungerma, M.N. Practical design of inductive primary conductivity transducers 1-27271
- Unkitchanukit, A. see Moriarty, K.J.M. 1-45375
- Ungur, D. see Burzo, E. 1-26091
- Ungureanu, M. see Cristescu, D. 1-2263
- Ungvarai, J. see Kiss, Z. 1-13591
- Ungvarai, Ya. see Kiiko, A. 1-40064
- Union, D.C. Post-accident radiation monitoring 1-50954
- Unione, A., Burns, E., Hussein, A. Availability modeling methodology applied to solar power systems 1-53660
- Unlitt, B.M. see Jones, A.V. 1-14220
- Unkel, W.C. see Conventi, J. 1-38161
- Umni, C.K. see Duce, R.A. 1-44280
- Unnikrishnan, K., Prasad, M.A. Effect of electron exchange in ionizing collisions between hydrogen atoms 1-29108
- Unnikrishnan, K. see Kapur, K.D. 1-32256
- Unnithan, R.V. see Remani, K.N. 1-53717
- Unno, W. see Ribes, E. 1-27437
- Unno, H. see Kawai, H. 1-34253
- Uno, K., Sonoda, T., Kotsubo, S. Response analysis of bridges for propagating earthquake wave with phase velocity by using response spectrum 1-49231
- Uno, M., Ishikawa, T. A direct-reading instrument for measurements of inductance and Q of ferrite core coils 1-40815
- Uno, R., Ishigaki, J. Determination of the spectral intensity of the incident beam in energy dispersive X-ray diffraction 1-29983
- Uno, R. see Ozawa, H. 1-42306
- Uno, R. see Takashige, M. 1-26137
- Unoki, H. see Oka, K. 1-3599
- Unozawa, Y., Kon, F., Matsuda, S., Kozakai, T. The model SA-601 stack-gas analyzer 1-32070
- Unrau, U., Agarwal, A.K. Characterization of access couplers for multimode optical fiber systems 1-11158
- Unrau, U., Agarwal, A.K. Mode-controlled measurements on access couplers for optical information systems 1-19456
- Unrod, V.I. see Fridlender, B.A. 1-16272
- Unruh, H., Jr. Experimental study of Brownian motion in the limit of small time intervals by means of an ideal gas simulator 1-9797
- Unsal, M., Thomas, W.C. Nonlinear stability of film condensation 1-37784
- Unsworth, D.A. see Unsworth, J. 1-49916
- Unsworth, J., Unsworth, D.A. Centripetal accelerometer 1-49916
- Unsworth, K., Chiam, T.C. A numerical solution for the heat transfer from a wedge with non-isothermal surfaces 1-24815
- Unsworth, K., Chiam, T.C. Heat transfer from non-isothermal surfaces in the stagnation-point flow of a micropolar fluid 1-33990
- Unterreitmeier, E. see Hurtig, E. 1-40199
- Unterrieker, S., Hildek, P., Zvara, M., Schneider, F. PAC measurements of the $^{111}\text{In}(^{111}\text{Cd})$ hyperfine interaction in CdCr_2Se_4 and CdCr_2S_4 1-26093
- Untersteiner, N. see Baker, D.J., Jr. 1-13562
- Unterwiesing, M.P., Cousey, B.M., Schima, F.J., Mann, W.B. Preparation and calibration of the 1978 National Bureau of Standards tritiated-water standards 1-18902
- Unterzuber, R. see Bahorich, R.J. 1-23818
- Untung, M. see Green, R. 1-49190
- Unuma, Y. see Masumoto, Y. 1-47502
- Unwin, D.M. see Martin, P.H. 1-44054
- Unwin, L.D. see Davies, P.C.W. 1-28248
- Unwin, R., Horn, K., Geng, P. Photoemission from rare gas monolayers on Pd(100) 1-8200
- Unwin, R., Khan, I., Richardson, N.V., Bradshaw, A.M., Cederbaum, L.S., Domcke, W. The effect of a resonance of vibrational structure in the photoelectron spectrum of acetylene 1-33500
- Uo, K. see Morimoto, S. 1-42216
- Uomoto, A.K. see Buta, R.J. 1-27597
- Uova, N.A. see Kovalev, A.A. 1-51515
- Uotila, I.K. Field distortion in guarded-wall free-air ionization chambers 1-51043
- Uozumi, J., Asakura, T. Probability density functions of speckle intensity produced by weak diffrusers 1-10919
- Uozumi, J., Asakura, T. First-order probability density function of the laser speckle phase 1-10922
- Upadhyay, K.N. see Mishra, G.P. 1-45931, 1-51218
- Upadhyay, K.N. see Ram, R.S. 1-28990
- Upadhyay, K.N. see Tripathi, R. 1-41371
- Upadhyay, P.N. Study of neutral decay mode of the ω meson 1-18478
- Upadhyay, P.N. Study of the background events obtained with an empty hydrogen target in the $\Pi^+ p \rightarrow X^0 + n$ interaction 1-18513
- Upadhyay, S.K., Duda, S.J. Source parameters of earthquakes from the Himalayan region 1-4454
- Upadhyay, S.N. see Borodulya, V.A. 1-19709
- Upadhyaya, B.R., Kitamura, M. Analysis of relationship between stability and flow parameters in a BWR 1-50871
- Upadhyaya, B.R., Kitamura, M., Kerlin, T.W. Signature monitoring of nuclear power plant dynamics—stochastic modeling and case studies 1-50906
- Upadhyaya, G.S. see Hamiuddin, M. 1-3665, 1-39273
- Upadhyaya, R.S. see Gupta, H.N. 1-25386
- Upatnieks, J., Embach, J.T. 360-degree hologram displays 1-6521
- Upatnieks, J. see Duthie, J.F. 1-51395
- Upatnieks, J. see Leith, E. 1-11082
- Uppgren, A.R. Main sequences defined by Hyades and field stars 1-22808
- Uppgren, A.R. see Lutz, T.E. 1-9473
- Uppgren, A.R. see Weis, E.W. 1-54390
- Upit, G.P., Kovalenko, V.V. Changes in LiF microhardness caused by simultaneous influence of low-energy ions and vacuum-ultraviolet 1-48488
- Upit, G.P., Maniks, Ya.E., Manika, I.P. Healing of micro pores on metal contact surfaces at uniform compression 1-47338
- Upit, G.P. see Stolyarova, S.V. 1-16105
- Uppmalis, A. Combined operation of solar-heat and wind-power generating plants 1-43805
- Uporov, A.P. see Migai, V.K. 1-6855
- Uporov, I.V. see Mikhailov, A.S. 1-27882
- Uppal, G.S. see Raina, M.K. 1-13517
- Upreti, G.C. see Akhilesh Kumar Jain 1-42375
- Upreti, G.C. see Jain, A.K. 1-2617, 1-11914
- Upstill, C. see Berry, M.V. 1-40663
- Upton, S.A.J. see Evans, B.G. 1-36023
- Upton, T.H., Goddard, W.A., III Ab initio Hartree-Fock calculations of crystalline systems using full-symmetry analysis of basis-set expansions 1-7500
- Ura, K. see Matsuda, J. 1-398
- Ura, M., Kodama, H. The entrainment velocity across the sharp density interface by the wind induced drift current 1-49293
- Urabe, H. see Tominaga, Y. 1-39080, 1-48104
- Urabe, I. see Iida, T. 1-14843
- Urabe, K. Calculation of luminescence intensities for a spherical phosphor particle 1-43160
- Urabe, K. see Kanamori, H. 1-11822
- Urabe, K. see Udagawa, S. 1-21444
- Urabe, S., Nakagiri, K., Ohta, Y., Kobayashi, M., Saburi, Y. Majorana effect on atomic frequency standards, 1-36611
- Urahashi, W. see Ehara, K. 1-31121
- Urai, S. see Ohkawa, T. 1-47029
- Urakae, F.Kh. see Boldyrev, V.V. 1-34923
- Urakawa, J. see Sataka, M. 1-28126
- Urakov, V.Ya. see Lupsha, V.A. 1-17007
- Ural'skaya, V.S., Zhuravlev, S.G. The motion of artificial satellites in the Earth's gravitational field 1-22660
- Urakar, L.K. Vector potential and magnetic field of current-carrying finite arc segment in analytical form. I. Filament approximation 1-11604
- Urano, M., Gerweck, L.E., Epstein, R., Cunningham, M., Suit, H.D. Response of a spontaneous murine tumor to hyperthermia: factors which modify the thermal response in vivo 1-17352
- Urano, M., Goitein, M., Verhey, L., Mendiondo, O., Suit, H.D., Koehler, A. Relative biological effectiveness of a high energy modulated proton beam using a spontaneous murine tumor in vivo 1-35836
- Urano, M., Rice, L., Kahn, J., Sedlacek, R.S. Studies on fractionated hyperthermia in experimental animal systems. I. The foot reaction after equal doses: heat resistance and repopulation 1-39884
- Urano, T. see Toki, T. 1-28001
- Urashima, T. see Nisida, S. 1-31658
- Urata, T. see Kozai, Y. 1-32661
- Urata, T. see Mattei, J. 1-54511
- Urbach, F. see Pearlman, D. 1-10041, 1-10042
- Urban, A. see Bruning, K. 1-54316
- Urban, J. On the history of geological mapping in Czechoslovakia 1-5061
- Urban, K. The role of radiation-induced processes in in-situ experiments in the HVEM 1-2514
- Urban, L. see Altkofer, O.C. 1-45773
- Urban, L. see Aubert, J.J. 1-5630
- Urban, M. see Carsky, P. 1-18078
- Urban, M. see Graves, W.R. 1-14754
- Urban, M. see Kello, V. 1-41297
- Urban, S. see Belov, S.P. 1-37205
- Urban, W. see Edgar, A. 1-34667
- Urban, W. see Rohrbach, W. 1-24148
- Urbanek, A. Solar energy and heat pumps—development position 1-4211
- Urban, C. see Garvie, R.C. 1-16894, 1-21569
- Urbankova, H., Rohlena, K. Electron thermal diffusion instability and standing striations in the plasma of a DC discharge in molecular gases 1-15661
- Urbina, A. see Buel, S. 1-52913
- Urbonschitschus, A. see Grigas, J. 1-30297
- Urdaneta-B, A.H., Schmidt, P.S. Thermodynamic and economic analysis of heat pumps for energy recovery in industrial processes 1-43800
- Urdenko, V.A. see Neuymin, G.G. 1-54135
- Ure, J.E., Anda, E.V., Majlis, N. Hydrogen chemisorption on ferromagnetic metals 1-7473
- Urech, J. see Faselow, J.L. 1-49195
- Uren, M.J., Davies, R.A., Pepper, M. The observation of interaction and localisation effects in a two-dimensional electron gas at low temperatures 1-20844
- Urena, A. Gonzalez see Gonzalez Urena, A.
- Uri, J.B. Polarization and interference in optics. VI. Elliptical polarization 1-6450
- Uri, J.B. Ultrasonic light diffraction 1-19259
- Uri, N.D. On forecasting electric utility fossil fuel consumption 1-4149
- Urias, J., Moran-Lopez, J.L. Interplay of atomic order and ferromagnetism at the surface of binary alloys 1-52404
- Uribe, F. see Steward, S.A. 1-2783
- Uribe, F.S. see Lakner, J.F. 1-20552
- Urin, M.G. see Bondarenko, V.I. 1-28442
- Urinson, A.S. see Andrianova, V.G. 1-25071
- Urisu, T. see Mizushima, Y. 1-6649
- Urkumbaev, M.F., Stepanenko, V.A., Zhunisbekov, S.S., Galiev, T.T. Investigation of effect of type of loading on microstructure of the fracture surface of prismatic specimens 1-31628
- Urland, W. The assessment of the crystal-field parameters for f-electron systems by the angular overlap model. Rare-earth ions M^{3+} in LiMF_4 and substituted in LiYF_4 1-30686
- Urlin, V.D. see Kormer, S.B. 1-46327
- Urner-Wille, M., Hansen, P., Witter, K. Magnetic, magneto-optical and switching properties of amorphous GdFeSn -alloys 1-12346
- Urner-Wille, M. see Heitmann, H. 1-25944
- Urnov, A.M. see Korneev, V.V. 1-36259, 1-36260
- Urone, P.P. see Brady, F.P. 1-28823
- Urone, P.P. see Zanelli, C.I. 1-45506
- Urosevic, V.V., Petrovic, Z.Lj., Bozin, J.V., Zekovic, Lj.D. Effective selfquenching rate coefficients of the nitrogen C^2D state excited by an electron swarm 1-15025
- Urosevic, V.V. see Zekovic, L.D. 1-35098
- Urpin, V.A., Yakovlev, D.G. On the growth of temperature within neutron stars 1-22827
- Urpin, V.A. see Dolginov, A.Z. 1-13772
- Urpin, V.A. see Yakovlev, D.G. 1-44548
- Urpo, S., Tiuri, M., Tlamicha, A., Pracka, M., Karlicky, M. Periodic fluctuations in the solar millimeter wave burst associated with the solar flare on September 22, 1978 1-36242
- Urhart, D. see Sweet, M.A.S. 1-43192
- Urtutia, L.F. Further discussion of the ansatz $\psi = \delta, \psi$ for an exact solution of the helicity $3/2$ field in classical supergravity 1-36554
- Urry, D.W. see Mahalingam Venkatachalam, C. 1-43713
- Ursu, I., Apostol, I., Dinescu, M., Mihailescu, I.N., Moldovan, M., Prokhorov, A.M., Ageev, V.P., Konov, V.I., Silenok, A.V., Chapliev, M.I. Plasma-target coupling in the case of TEA- CO_2 laser produced breakdown in front of a solid target 1-19921
- Ursu, I. see Burzo, E. 1-26091
- Urusov, V.S., Dudnikova, V.B., Garanin, A.V. Calculations of solvation energies of alkaline-earth metal ions in alkali halide crystals 1-30401
- Urusovskaya, A.A., Knab, G.G. Internal stresses and the nature of obstacles for dislocations in PbS crystals 1-20300
- Urusovskaya, A.A. see Smirnov, A.E. 1-20394
- Urwongse, L., Sorrell, C.A. The system $\text{MgO-MgCl}_2\text{-H}_2\text{O}$ at 23°C 1-25434
- Urwongse, L., Sorrell, C.A. Phase relations in magnesium oxy sulfate cements 1-26431
- Ury, I. see Bar-Chaim, N. 1-41718
- Ury, I. see Margalit, S. 1-15289
- Uryu, N. see Akagi, H. 1-38923
- Uryu, N. see Osaki, K. 1-25951
- Uryu, N. see Tanimura, M. 1-34877
- Urzhumtsev, Yu.S., Yanson, Yu.O. Evaluation of viscoelastic characteristics of polymeric materials 1-15458
- Usachev, A.E., Yablokov, Yu.V. Jahn-Teller effect for a Cu^{2+} ion in an RbCuCl_4 single crystal 1-52535
- Usachev, A.L. see Drofa, A.S. 1-40161
- Usachev, L.N. see Alekseev, P.N. 1-10421
- Usaf, U. see Laporte, P. 1-30642
- Usami, A. History of the solar cell as the clean energy source and the predictions for the future 1-39770
- Usami, A., Ishihara, S., Sugano, M. Development of high efficiency epitaxial silicon solar cells 1-4185
- Usami, A., Sonobe, M. n^+pp^+ type back-surface-field silicon solar cells—optimum bulk layer thickness and fabrication conditions 1-4207
- Usami, K., Katayama, Y., Shimada, T. XPS determination of amount of incorporated rare gas in amorphous silicon films produced with reactive sputtering method 1-21346
- Usami, K., Moryta, T. Temperature-dependence of the angle-resolved photoemission in ferromagnetic transition metals 1-31315
- Usami, K., Shimada, T., Katayama, Y. Quantitative analysis of the composition for $\alpha\text{-Si-C}_{1-x}\text{H}_x$ alloys by XPS 1-31308
- Usami, K. see Idchura, T. 1-11568, 1-46892

- Usami, K. see Katayama, Y. 1-8708, 1-52103
 Usami, K. see Nakagawa, Y. 1-43616
 Usami, S. see Chen, R.Y.Z. 1-27048
 Usami, T. Study of the historical earthquakes in Japan 1-13399
 Usanov, D.A., Skripal', A.V. Theory of injection currents in dielectrics with maximum filling of traps 1-16300
 Usanov, S.A. see Yereimin, A.N. 1-35754
 Uscherson, J. see Jones, C.E. 1-23485
 Uscinski, B.J., Booker, H.G., Mariani, M. Intensity fluctuations due to a deep phase screen with a power-law spectrum 1-36501
 Usenko, A.S., Yakimenko, I.P. Interaction energy of stationary charges in a bounded plasma 1-2141
 Usenko, S.A. The question of discreteness of auditory information 1-35788
 Ushakov, A.I., Gorovoi, A.M., Kazakov, V.G., Il'chuk, A.G. The α - γ phase transformation in Fe-Ni films under the influence of pulsed laser radiation 1-3735
 Ushakov, A.N. Automatic computer processing of interferograms 1-44991
 Ushakov, M.T. see Zukov, A.A. 1-8498
 Ushakov, P.A. see Gabrianovich, B.N. 1-24885
 Ushakov, P.A. see Kalyashin, V.I. 1-15483
 Ushakov, P.A. see Subbotin, V.I. 1-28529
 Ushakov, V.I. see Burgov, N.A. 1-598
 Ushakov, V.V. see Vavilov, V.S. 1-48138
 Ushakova, E.M. see Averkiev, N.S. 1-52993
 Ushakova, G.M. see Morozova, A.N. 1-20073
 Ushakova, T.I. see Butslov, M.M. 1-36184
 Ushenin, Yu.V. see Kostyshin, M.T. 1-30825
 Usher, J. see Fillo, J.A. 1-50944
 Usher, M.J. see Felgett, P.B. 1-218
 Usher, P.D. see Condon, J.J. 1-44661
 Usher, P.D. see Warnock, A., III. 1-44441
 Ushida, N., Kondo, T., Fujioka, G., Fukushima, H., Takahashi, Y., Tatsumi, S., Yokoyama, C., Homma, Y., Tsuzuki, Y., Bahk, S., Kim, C., Park, J., Song, J., Bailey, D., Conetti, S., Fischer, J., Trischuk, J., Fuchi, H., Hoshino, K., Miyaniishi, M., Niu, K., Niwa, K., Shibuya, H., Yanagisawa, Y., Errede, S., Gutzwiller, M., Kuramata, S., Reay, N.W., Reibel, K., Romanowski, T.A., Sidwell, R., Stanton, N.R., Moriyama, K., Shibata, H., Hara, T., Kusumoto, O., Noguchi, Y., Teranaka, M., Okabe, H., Yokota, J., Harnois, J., Hebert, C., Hebert, J., Lukanathan, S., McLeod, B., Tasaka, S., Davis, P., Martin, J., Pitman, D., Prentice, J.D., Sinerov, P., Yoon, T.S., Kimura, H., Maeda, Y. Measurement of D^+ , F^+ , and 1^- charmed-particle lifetimes 1-546
 Ushida, N. see Takaza, S. 1-22654
 Ushigome, H. see Shigematsu, T. 1-2836
 Ushijima, K. see Kihara, T. 1-49292
 Ushio, B. see Kakuda, T. 1-9009
 Ushio, S., Nakamura, E., Matsunaga, H., Deguchi, K. Birefringence of ferroelectric cesium dihydrogen phosphate, CsH_2PO_4 1-21165
 Ushioda, S. see Koshizuka, N. 1-26208
 Ushioda, S. see Tominaga, Y. 1-48104
 Ushioda, S. see Udagawa, M. 1-52937
 Ushirokawa, A. see Nakamura, T. 1-43103
 Ushirokawa, A. see Warashina, M. 1-8718
 Ushits, K. see Imura, T. 1-4194
 Ushizaka, T., Matsumoto, S., Asakura, T. A measuring method of the flow velocity in a microscopic area using a grating spatial filter 1-46825
 Ushkov, S.S. see Nesterova, E.V. 1-39416
 Ushkova, V.I. see Kortov, V.S. 1-21283
 Ushveridze, A.G. On the instanton structure of scalar theories 1-18384
 Usikov, A.S. see Gorenkol, A.T. 1-39255
 Usikov, M.P. see Kogan, L.I. 1-31456
 Uskova, L.I. see Kustov, E.F. 1-25670
 Uslenghi, L.E. Low-frequency inverse scattering by far-field measurements 1-6426
 Usmani, A.M. see Orofino, T.A. 1-21963
 Usmanov, R.G. see Samartsev, V.V. 1-1652
 Usmanov, R.R. see Adam, I. 1-50507
 Usmanov, R.R. see Alikov, B.A. 1-659
 Usmanov, R.R. see Batsev, S. 1-45384
 Usmanov, T.M. see Azimov, S.A. 1-36954
 Uson, J. see Ranada, A.F. 1-23425
 Uosokin, A.I. see Vakula, S.I. 1-3524
 Uosokin, V.V. see Zverev, A.A. 1-11064
 Usov, V.S., Zhilkin, A.M., Shereshev, A.V. Some features of laser application during autocollimation angular and linear measurements 1-46534
 Usov, V.V. see Bryukhanov, V.A. 1-31529
 Usov, Yu.A. see Efimov, V.A. 1-41007
 Usov, Yu.P. see Gleizer, I.Z. 1-24351, 1-50165
 Usov, Yu.V. see Larikov, L.N. 1-20199
 Usova, G.V. see Chernyuk, M.V. 1-27293
 Usova, V.A., Semenenko, L.V. A study of the InSb-anodic oxide system by ellipsometry 1-26160
 Uspenskii, B.A. see Karavaev, G.F. 1-20791, 1-42808
 Uspenskii, G.R. see Avduevskii, V.S. 1-9396
 Uspenskii, L.G. see Narva, V.K. 1-39533
 Uspenskii, M.N. see Artem'ev, N.A. 1-12264
 Uspenskii, M.N. see Babikova, Yu.F. 1-45093
 Uspenskii, Yu.A., Mazin, I.I., Savitskii, E.M. Computation of electrical resistance and electron-phonon interaction of noble metals by the pseudopotential method 1-2950
 Uspensky, M.V., Timopheev, E.E., Sverdlov, Yu.L. 'Araks' Doppler radar measurements of the ionospheric effects of artificial electron beam in the North hemisphere 1-44365
 Uspensky, M.V. see Izhevskina, N.I. 1-44391
 Uspensky, M.V. see Zhulin, I.A. 1-44366
 Ustry, J.W. see Whitlock, C.H. 1-44213
 Ussyukina, N.I. see Belokurov, V.V. 1-14388
 Usta, M.A. Dissertation summary of 'Excitation of currents on infinite wires by vertical and horizontal electric dipoles in the presence of a dissipative earth' 1-29170
 Ustalov, V.V. see Romanuk, L.I. 1-25098
 Ustenko, A.A. see Gorlov, Yu.P. 1-12687
 Ustichenko, S.N. see Volod'ko, L.V. 1-43116
 Ustimenko, B.P. see Ivanov, A.G. 1-31976
 Ustimenko, V.N. see Bazakutsa, V.A. 1-11925
 Ustimenkov, K.F., Deineko, A.S., Malakhov, I.Ya., Mashkarov, Yu.G., Zalyubovskii, I.I., Strozhek, V.E. Vector analyzing power of the reaction $^{14}\text{N}(\text{d}_{\text{pol}}, p)^{13}\text{N}$ (7.31 MeV) at low deuteron energies 1-23629
 Ustinov, V.I. see Ostrovskii, V.N. 1-10828
 Ustinov, A.I. see Azamatova, F.I. 1-35235
 Ustinov, A.I. see Danil'chenko, V.E. 1-31416, 1-35257
 Ustinov, A.I. see Demin, S.A. 1-11855
 Ustinov, A.I. see Dyomin, S.A. 1-52775
 Ustinov, A.I. see Belorusev, A.V. 1-34128, 1-51930
 Ustinov, E.A. see Zaslava, L.V. 1-44456
 Ustinov, L.M. see Shorshorov, M.Kh. 1-3887, 1-29624
 Ustinov, N.D. see Deryugin, I.A. 1-1599
 Ustinov, V.M., Ledneva, F.I., Akimov, G.G., Dvornikova, S.G., Zakharov, B.G. Lattice deformation in germanium alloyed with boron and gallium 1-30256
 Ustinov, V.M. see Vagrameenko, Ya.A. 1-19770
 Ustinov, V.V. Spin resonance in a metal film containing magnetic impurities localized at the surface 1-21051
 Ustinov, V.V. see Katsnel'son, M.I. 1-3078
 Ustinov, Y.A. see Getman, I.P. 1-19599
 Ustinova, G.K. see Lavrukina, A.K. 1-36122
 Ustruck, R.E. see Tanner, R.D. 1-47374
 Usualiev, B.T. see Amirasanov, I.R. 1-42356, 1-42357
 Usubov, A.V. see Ammosov, V.V. 1-40980
 Usui, H., Irvine, T.F., Jr. Drag reduction in a 90° triangular open channel 1-24849
 Usui, H., Sano, Y. Elongational flow of dilute drag reducing fluids in a falling jet 1-51826
 Usui, S., Sawada, A., Kikuchi, M. Properties of a-Si:H:F deposited in $\text{SiF}_4/\text{SiH}_4/\text{Ar}$ gas mixtures by a glow-discharge technique 1-34595
 Usui, S. see Sawada, A. 1-48670
 Usui, T. see Miyake, K. 1-34538
 Usuki, N. see Shiraiwa, T. 1-30406
 Ussyukin, I.P. see Voroshilov, V.P. 1-51695
 Ussyukina, N.I. On the deep inelastic asymptotic behavior of Feynman diagrams with crossing lines 1-28170
 Ussyukina, N.I. see Belokurov, V.V. 1-14351
 Uszler, J.M. see Olch, A.J. 1-35885
 Utamuradova, Sh.B. see Abdurakhmanov, K.P. 1-20405
 Utarova, T.M. see Kashaeva, L.M. 1-12518
 Utarova, T.M. see Sabirov, L.M. 1-38470
 Utenkov, V.K. see Gangskii, Yu.P. 1-51042
 Utevskaia, O.L. see Glezer, A.M. 1-8344, 1-21492, 1-38319
 Uthe, E.E., Nielsen, N.B., Jimison, W.L. Airborne lidar pulse and haze analyzer (ALPHA-1) 1-43836
 Utiyama, R. Introduction to the theory of general gauge fields 1-50318
 Utiyashiev, R.I., Grishin, A.N. Problems associated with measurements in medicine and biology and its metrological maintenance 1-32297
 Utkin, A.V., Starobin, I.M., Zaiko, V.M. Numerical modeling of the peristaltic motion of a fluid in a tube with a wall that deforms according to an harmonic law 1-15546
 Utkin, E.N. see Krugljak, Z.B. 1-42025
 Utkin, K.G. see Golikov, Yu.K. 1-1472
 Utlaut, M. Direct observation of the behavior of heavy single atoms on amorphous carbon substrates 1-25566
 Utlaut, M. see Hwang, D.M. 1-48208
 Utey, D.L. see Schulze, P.D. 1-35152
 Utey, W.A. see Sargent, J.W. 1-6714
 Utchikina, S.P. see Kuntsevich, N.I. 1-36758
 Utreras, C. see Saavedra, I. 1-28276
 Utrubina, I.K. see Oletin, G.I. 1-48431
 Utsunomiya, R. see Sandor, T. 1-39999
 Utsugi, S. see Yoshino, T. 1-46668
 Utsumi, K., Ichimaru, S. Dielectric formulation of strongly coupled electron liquid at metallic densities: Longitudinal response 1-7545
 Utsumi, K., Ichimaru, S. Dielectric formulation of strongly coupled electron liquids at metallic densities. II. Exchange effects and static properties 1-25654
 Utsunomiya, H. see Gono, Y. 1-50544
 Utsunomiya, T., Sato, H. Electrically deformable chevron grating—application to tunable laser resonator 1-24484
 Utsuro, M., Yoshiki, H., Steyerl, A. Purpose and present status of ultra-cold neutron experiments 1-18709
 Utter, S. Environmental assessment of an oil shale installation 1-35597
 Utterback, N. see McMillan, D.E. 1-53800
 Utterback, N.G. see McMillan, D.E. 1-53801
 Utterback, S.G. see Doetschman, D.C. 1-6289
 Uttrley, C.A. see Fowler, L.J. 1-10593
 Utzinger, D.M., Klein, S.A., Mitchell, J.W. The effect of air flow rate in collector-storage walls 1-32039
 Uustare, T.O. see Dvoryankin, V.F. 1-25578
 Uvarov, A.A. see Zhdanova, V.V. 1-15385
 Uvarov, V.A. see Ajinenko, I.V. 1-592, 1-5667, 1-23525
 Uvarov, V.A. see Chliapnikov, P.V. 1-599, 1-36886
 Uvarov, V.M. Nature of seasonal control of electric field inhomogeneity in polar caps 1-4713
 Uvarov, V.N. see Nemoshkalenko, V.S. 1-48197
 Uvarova, S.K. see Marchenko, L.S. 1-20897
 Uvarova, T.P. see Borisov, M.F. 1-41661
 Uvarova, T.V. see Antipenko, B.M. 1-51493
 Uwamino, Y. see Shin, K. 1-18715
 Uyama, K. see Hayakawa, S. 1-22923
 Uyama, T., Ohi, S., Satomi, N., Watanabe, K., Goto, S., Ito, H. Collision of high energy plasma streams 1-19919
 Uyeda, R. see Ando, Y. 1-26411
 Uyeda, R. see Saito, Y. 1-25197
 Uyeda, S., Watanabe, T., Ozasayama, Y., Ibaragi, K. Report of heat flow measurements in Peru and Ecuador 1-44132
 Uyeda, S. see Nakamura, K. 1-27139
 Uyeda, S. see Watanabe, T. 1-44131
 Uyeda, S. see Yokota, T. 1-44314
 Uyemura, J.P. Second-harmonic generation by a nonlinear line source in a step index fiber 1-1636
 Uyemura, T. see Tsukamoto, O. 1-52272, 1-52272
 Uyessaka, N. see Shinagawa, Y. 1-4103
 Uyakun, E.M. see Levanyuk, A.P. 1-21167
 Uzakova, A.A. see Baranovskii, S.D. 1-38779
 Uzawa, S. see Inoue, M. 1-16462
 Uzel, Y. see Hillenbrand, B. 1-21351
 Uzelac, K., Julien, R., Freuty, P. Renormalisation group study of the random Ising model in a transverse field in one dimension 1-20992
 Uzelac, K., Julien, R., Freuty, P. Varying exponent of the impurity magnetisation in the Ising chain with a transverse field 1-27887
 Uzelac, K. see Julien, R. 1-5228
 Uzelac, N.I., Mihailov, A.A., Popovic, M.M. Modification of the method of Abel's inversion [plasma diagnostics] 1-15657
 Uzenbaev, F.G. see Zhurakovskii, L.A. 1-31816
 Uzer, T., Child, M.S. Analytical matrix elements for non-curve-crossing situations 1-33377
 Uzer, T., Dalgarno, A. The photodissociation of Li_2 1-10792
 Uzgiris, E.E. Laser Doppler spectroscopy: applications to cell and particle electrophoresis 1-50225
 Uzhinov, B.M. see Rubeko, L.M. 1-8600
 Uzhinov, B.N. see Rubeko, L.A. 1-46333
 Uzhlova, L.A. see Buchinskii, Ya.V. 1-18247
 Uzunov, D.I. see Bushev, M.K. 1-30354
 Uzunov, D.I. see Tonchev, N.S. 1-34830
 Uzunov, I.P. Investigation of the neutron flux vertical distribution in the second vertical channel and the area between the heat-radiating elements of the reactor core for an IRT-2000 reactor with a neutron emission detector 1-23711
 Vaag, L.P. see Baryshev, V.I. 1-27265
 Vaagen, J.S. see Bang, J.M. 1-10309
 Vaan, R.de see de Vaan, R.
 Vaananen, A. see Lahtinen, T. 1-43963
 Vaccello, M. see Busico, V. 1-8762
 Vaccaro, F.P., Hehemann, R.F., Troiano, A.R. Stress corrosion cracking of austenitic stainless steel in an acidified chloride solution 1-43574
 Vaccaro, V.G. The generalized reflection method in electromagnetism 1-24332
 Vaccaro, V.G. Electromagnetic diffraction from a right-angled wedge with soft conditions on one face 1-51349
 Vacchi, A. see Weber, R. 1-33216
 Vacek, K. see Pelant, I. 1-43174
 Vacek, V. see Pekarek, V. 1-39670
 Vacha, R. see Holan, J. 1-14194
 Vachagin, K.D. see Nazmeev, Yu.G. 1-11404
 Vacher, J. see Moszynski, M. 1-28805
 Vacher, R., Boissier, M., Sapriel, J. Brillouin-scattering investigation of the ferroelastic transition of benzil 1-35065

- Vacher, R., Pelous, J., Arnold, W., Cheeke, J.D.N. A new method using Brillouin spectroscopy to study the propagation and reflection of induced phonons at hypersonic frequencies 1-20328
- Vacher, R., Sussner, H., Schmidt, M., Hunklinger, S. High resolution studies of Brillouin scattering in amorphous materials 1-30346
- Vacher, R. *see* Boissier, M. 1-25355
- Vacher, R. *see* Pelous, J. 1-3425
- Vacher, R. *see* Sussner, H. 1-12515
- Vachet, F. *see* Marchand, J.L. 1-17305
- Vachette, P. *see* Moody, M.F. 1-8820
- Vachier, G. *see* Mamy, R. 1-38700
- Vaclavik, J., Appert, K. Adiabatic interaction of coherent waves with weak turbulence in plasmas 1-6961
- Vaclavik, J. *see* Muschietti, L. 1-38120
- Vacque, S. *see* Amara, M.Y. 1-15724
- Vacquier, V. *see* Da Silva Carvalho, H. 1-32415
- Vadachino, M. *see* Buzano, C. 1-21138
- Vadas, G. *see* Selivanov, V.M. 1-36995
- Vadell, M. *see* Hirn, A. 1-44126
- Vadell, M. *see* Souriau, A. 1-44128
- Vaessen, G. *see* Haug, V. 1-39393
- Vaeth, W. *see* Edelmann, M. 1-18730
- Vafaei-Makhsos, E. Electron diffraction study of newly discovered nickel phosphides in partially crystallized amorphous electrodeposited Ni-P thin films 1-52068
- Vafari, K., Tien, C.-L. Boundary and inertia effects on flow and heat transfer in porous media 1-38007
- Vaganov, V.I. Structural classification of integrated mechanoelectric transducers 1-44902
- Vaganyan, A.I., Dimakyan, M.L. Thermal conductivity of $\text{In}_{1-x}\text{Ga}_x\text{P}$ alloys 1-7400
- Vagdalt, L. *see* Sarvari, L. 1-39857
- Vager, Z. *see* Cooney, P.J. 1-27727
- Vagh, A.S. *see* Joshi, M.S. 1-42385
- Vaglio, R. *see* Cuocolo, A.M. 1-50157
- Vagin, N.P. *see* Bashkin, A.I. 1-51508
- Vagin, S.V., Dudnik, E.F., Sinyakov, E.V. Statics and dynamics of domains in the ferroelastic $\text{Pb}(\text{PO}_3)_2$ 1-7244
- Vagin, V.A. *see* Bukreev, V.S. 1-350
- Vagin, Yu.P., Medvedev, Yu.A., Khokhlov, V.D. Visible emission of a relativistic electron beam and absolute method for pulsed dosimetry 1-24348
- Vagizov, F.G. *see* Leksin, V.V. 1-21100
- Vagner, I.D. The gyroaxial damping of spin waves 1-42955
- Vagnetti, F. *see* Di Fazio, A. 1-13865
- Vago, L. *see* Fiori, G. 1-43676
- Vagramenko, Ya.A., Lyakhov, V.N., Ustinov, V.M. Pulsating regime corresponding to an obstacle in a stationary inhomogeneous flow 1-19770
- Vagt, J.D., Fernholz, H.H. A discussion of probe effects and improved measuring techniques in the near-wall region of an incompressible three-dimensional turbulent boundary layer 1-2121
- Vahala, G., Cayton, T.E., Barnes, D.C. Rayleigh-Schrodinger perturbation theory for unstable modes of a high- β cylindrical Tokamak 1-46918
- Vahala, G. *see* Cayton, T.E. 1-19937
- Vahaviolos, S.J., Carlos, M.F. Acoustic emission: a new tool of real time nondestructive testing 1-4043
- Vahvaselka, A. Direct analysis of nuclear distributional moments in zinc 1-15760
- Vahvaselka, K.S. Temperature dependence of the liquid structure of Ga 1-38257
- Vaiana, G.S. *see* Galeev, A.A. 1-49586
- Vaiana, G.S. *see* Golub, L. 1-49587
- Vaiana, G.S. *see* Haisch, B.M. 1-49651
- Vaiana, G.S. *see* Serio, S. 1-49585
- Vaicum, A. *see* Cornea, I. 1-27089
- Vaida, V. *see* Roebber, J.L. 1-6269
- Vaida, V. *see* Rothberg, L.J. 1-29052
- Vaidya, A. *see* Park, J.G. 1-50132
- Vaidya, A.W. *see* Park, J.G. 1-264
- Vaidya, S., Fraser, D.B., Lindenberger, W.S. Electromigration in fine-line sputter-gun Al 1-2933
- Vaidya, S., Sinha, A.K. Effect of texture and grain structure on electromigration in Al-0.5% Cu thin films 1-34502
- Vaidya, S.N. *see* Kuty, A.P.G. 1-20346
- Vaidya, S.N. *see* Vijayakumar, V. 1-38802
- Vaidyan, V.K. *see* Bhavani, K. 1-16974
- Vaidyan, V.K. *see* George, M.T. 1-20596
- Vaidyan, V.K. *see* Mohanan Pillai, K. 1-12007
- Vaidyanathan, A., Guenther, A.H., Mitra, S.S. Two-photon absorption in direct-gap crystals—an addendum 1-35003
- Vaidyanathan, A., Walker, T.W., Guenther, A.H. Competing mechanisms in laser-induced damage 1-39192
- Vaidyanathan, A., Walker, T.W., Guenther, A.H., Mitra, S.S., Narducci, L.M. Nonlinear absorption in direct-gap crystals 1-37543
- Vaidyanathan, A. *see* Walker, T.W. 1-39194
- Vaidyanathan, R. *see* Lee, S.M. 1-746
- Vaidyanathan, T.S. *see* Taussig, R.T. 1-48853, 1-50942
- Vain, A. Non-steady-state sorption processes in microheterogeneous dispersed systems 1-48748
- Vainberg, E.I. *see* Klyuev, V.V. 1-39575, 1-39576
- Vainberg, V.V. *see* Varshava, S.S. 1-47744
- Vainer, V.V., Zinchenko, S.P., Ivanov, I.G., Sem, M.F. Hollow-cathode pulsed metal-vapor ionic lasers 1-6545
- Vainer, Yu.G. *see* Bagratashvili, V.N. 1-51213
- Vainshtein, A.A., Aleshin, V.A., Borovikov, V.S., Panina, N.V., Shmaleniyuk, R.P. Characteristics of heterogeneities of microdeformation 1-26545
- Vainshtein, A.A., Mityushov, E.A., Gal'perina, B.A. Influence of the scatter of grain orientations on elastic properties of axial textures of metals with f.c.c. and b.c.c. lattices 1-43392
- Vainshtein, A.I., Zakharov, V.I., Novikov, V.A., Shifman, M.A. 'Asymptotic freedom' in quantum mechanics 1-36829
- Vainshtein, A.I. *see* Novikov, V.A. 1-10142
- Vainshtein, A.V. Problem of optimum design of circular plates taking into account thermal effects 1-15392
- Vainshtein, B.K., L'vov, Yu.M., Feigin, L.A., Gvozdev, R.I., Marakushev, S.A., Likhtenshtein, G.I. Determination of distance between heavy-atom labels in hemoglobin and histidine decarboxylase in solution by small-angle X-ray scattering 1-17342
- Vainshtein, B.K. *see* Arutyunyan, E.G. 1-32094
- Vainshtein, B.K. *see* Makhaldiani, V.V. 1-4246
- Vainshtein, L.A., Syunyaev, R.A. Ka-lines in the X-ray background spectrum and interstellar gas in the galaxies 1-22897
- Vainshtein, L.A., Vinogradov, A.V., Rublev, I.S., Safranov, U.I. Theory of screening of electrons in multiply charged ions 1-1087
- Vainshtein, S.I. Dynamo of small-scale fields 1-34019
- Vainsholik, V.A. *see* Krasovskii, A.Ya. 1-35374
- Vapokin, A.A. *see* Rud', Yu.V. 1-34815, 1-42875
- Vaisberg, O.L., Gorn, L.S., Ermolaev, Yu.I., Zastenker, G.N., Zakharov, D.S., Zertsalov, A.A., Klimashov, A.A., Lein, E.L., Leibov, A.V., Omel'chenko, A.N., Pomogaev, V.V., Romanov, S.A., Smirnov, V.N., Stefanovich, A.E., Temnyi, V.V., Khazanov, B.I., Shifrin, A.V. An experiment on the diagnosis of the interplanetary and magnetosphere plasma on the Venera 11 and Venera 12 automatic interplanetary stations and the Prognoz 7 artificial Earth satellite 1-9340
- Vaisberg, O.L., Omel'chenko, A.N., Smirnov, V.N. Observation of plasma structures injected into the high-latitude boundary layer of the Earth's magnetosphere 1-54324
- Vaishnav, R.N. Mathematical characterization of the nonlinear rheological behavior of the vascular tissue 1-39946
- Vaishnava, P.P., Tricker, M.J., Manning, P.G. Observation of electron-hopping in vesuvianite by Mossbauer spectroscopy 1-26095
- Vaishnava, P.P. *see* Tricker, M.J. 1-52873
- Vaishnava, L.A. *see* Kotov, A.A. 1-23959
- Vaisman, A.M. Self-similar vortex flow in a porous half-space 1-37939
- Vaisman, A.M., Gol'dshtik, M.A. Deformation of a granular medium 1-30298
- Vaissiere, Ch.de la *see* de la Vaissiere, Ch.
- Vaissiere, Ch.de la *see* de la Vaissiere, Ch.
- Vaissiere, C.de la *see* de la Vaissiere, C.
- Vaitkus, J., Jarasunas, K. Properties and applicability of optically induced diffraction gratings in semiconductors 1-11041
- Vaitkus, J. *see* Baltramiciunas, R. 1-21273
- Vaitkus, Yu. *see* Baltramiciunas, R. 1-31193
- Vajapeyam, B. *see* McInnis, B.C. 1-32317
- Vajda, P. *see* Daou, J.N. 1-7833, 1-20700, 1-34679
- Vajda, P. *see* Maury, F. 1-52179
- Vajo, P. *see* Neubauer, A. 1-35498
- Vajta, Zs. *see* Olah, K. 1-32075
- Vakamudi, A.K. *see* McInnis, B.C. 1-32317
- Vakarchuk, I.A., Yuhnovskii, I.R. Microscopic theory of the energy spectrum of liquid He II 1-30507
- Vakhidov, S.A. *see* Avesov, A.D. 1-20274
- Vakhramov, V.I. *see* Burkov, V.I. 1-43099
- Vakilotojar, M., Javdani, K. Bubble frequency in gas-liquid slug flow in vertical tubes 1-33999
- Vaks, V.G., Kravchuk, S.P., Trefilov, A.V. Anharmonic lattice dynamics of alkali metals 1-7280
- Vaks, V.G., Kravchuk, S.P., Trefilov, A.V. Anharmonic effects in thermodynamics and vacancy characteristics in alkali metals 1-7281
- Vaksman, Yu.F. *see* Korneva, N.N. 1-48150
- Vakula, S.I., Padalka, V.G., Strel'nitskii, V.E., Usoskin, A.I. Optical properties of diamond-like carbon films 1-3524
- Vakula, V.V. *see* Aleksakhin, I.S. 1-24268
- Vakulenko, A.F. Unitary regularization in the many-particle scattering problem 1-117
- Vakulenko, A.M. *see* Kogan, Ya.L. 1-13145
- Vakulenko, O.V., Gorin, S.N., Guseva, O.A. Photoionization spectrum of acceptors in SiC:B 1-43146
- Val, C. *see* Abdin, S. 1-35174
- Val, N., Dubuisson, B. Pattern recognition analysis of the external electromyogram for parturient labour monitoring 1-53922
- Val Mallen, R.M.de *see* de Val Mallen, R.M.
- Vala, M. *see* Brittain, R. 1-29010
- Valabrega, P.T. *see* Buzano, C. 1-52951
- Valabrega, P.Taverna *see* Taverna Valabrega, P.
- Valacka, K., Vysniauskas, J., Maciulaitis, C., Miskinis, P. Response lag in current channeling, and effect of external reactances on channeling stability in secondary breakdown of pn junctions 1-20867
- Valadão de Miranda, P.E., Le May, I., Monteiro, S.N. On the use of Li's equation in stress relaxation studies 1-24699
- Valakh, M.Ya., Svechnikov, G.S., Turyanitsa, I.D. Temperature dependence of Raman resonance scattering in SbS₂:As ferroelectric 1-3420
- Valakh, M.Ya., Veshka, Yu., Lisitsa, M.P. Two-phonon spectra and dispersion peculiarities of vibrational branches in CdP₂ crystals 1-3418
- Valakh, M.Ya. *see* Artamonov, V.V. 1-52514
- Valakina, V.M. *see* Alt'man, V.A. 1-39464
- Valance, A., Nguyen Tuan Q. Adiabatic potential energies for Na₂ and K₂ 1-51257
- Valance, A. *see* Pradel, P. 1-41459
- Valanis, K.C. On the substance of Rivlin's remarks on the endochronic theory 1-33912
- Valanskaya, T.V. *see* Stepanov, G.N. 1-34823
- Valat, P., Ripoché, G., Nail, M., Gex, J.P. Description and application of an intense and short diagnostic source between 1000 and 1600 nm 1-51545
- Valatka, R. *see* Ioneliunas, S. 1-20542
- Valatka, R.Yu., Dyukov, V.F., Ioneliunas, S.A., Kolomeitsev, M.I., Pranyavichyus, L.I. Visualization of traveling surface acoustic waves in a scanning electron microscope 1-52412
- Valayapetre, M. *see* Inal, O.T. 1-53669
- Valayapetre, M. *see* Murr, L.E. 1-11994
- Valbis, J.A. *see* Pujats, A.Y. 1-26267
- Valbis, Ya.A., Latsis, I.E., Yanson, Ya.L. Luminescence of gallium doped MgO and CaO single crystals 1-16612
- Valbis, Ya.A. *see* Pundur, P.A. 1-16619
- Valbousquet, A. New orbits for visual binaries 17 and HJ 3683 1-40526
- Valbusa, U. *see* Iannotta, S. 1-16646
- Valdada-Nappi, M. *see* Antreasyan, D. 1-10287
- Valdemoro, C., Rubio, J. Correlated electron pairs approach to covalent crystals 1-11717
- Valderrama, A. *see* Varea, C. 1-38220
- Valdez, E., Valentinuzzi, M.E. Saline and thermal dilution flow measurements: evaluation by means of an open hydraulic model 1-53918
- Valdez, J.B. *see* Udagawa, M. 1-52937
- Valdma, L.E. *see* Kubarsep, J.P. 1-39495
- Val'dov, A.N. *see* Burenin, A.V. 1-45942
- Valdovskis, G.Zh. *see* Moorlat, N.V. 1-32178
- Valdre, U. *see* Cossett, V.E. 1-390
- Valdeanu, M. *see* Burzo, E. 1-25873
- Valek, V., Hofmannova, D. The laser scalpel in surgery 1-32222
- Valencia, F.A. *see* Maley, M.P. 1-52678
- Valensi, J., Inglesakis, G. CO₂ long pulsation high power laser 1-10984
- Valente, V. *see* Diddens, A.N. 1-14747, 1-23998
- Valente, V. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Valenti, G. *see* Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
- Valentijn, E.A. A Westerbork survey of clusters of galaxies. XIII. Deep 610 MHz source counts from the Cancer cluster field 1-32767
- Valentin, A. *see* Toffo, J.L. 1-1208
- Valentin, J. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Valentin, L. *see* Gerschel, C. 1-45519
- Valentin, M., Hardin, J., Mollier, J.-C. Absorption cell for passive standard of frequency 1-27936
- Valentini, H.-B. Unified system of differential equations for plasmas and boundary layers 1-2146
- Valentini, H.-B. The calculations of the concentrations, of the radial distributions, and of the radial particle currents of excited and of doubly charged ions in low pressure discharges 1-34132
- Valentini, H.-B. The influence of the radial ion drift on the population densities in CW argon ion lasers 1-51452
- Valentini, J.J., Escherick, P., Owyong, A. Use of a free-expansion jet in ultra-high-resolution inverse Raman spectroscopy 1-10019
- Valentini, J.J. *see* Becker, C.H. 1-8557
- Valentini, M.T. *see* Ganzerli *see* Ganzerli Valentini, M.T.
- Valentino, A.R., Abramavage, M.M. Environmental effects of the Satellite Power System Microwave Power Transmission System 1-53707
- Valentinuzzi, M.E. *see* Valdez, E. 1-53918
- Valenza, M. *see* Carapazza, M. 1-32385
- Valenzuela, R. A sensitive method for the determination of the Curie temperature in ferrimagnets 1-34878
- Valenzuela, R. *see* Diaz, A. 1-7897
- Valeri, S. *see* Abbati, I. 1-12634, 1-53047
- Valeri, S. *see* Mantovani, S. 1-2916

- Valero, F.P.J. *see* Goldman, A. 1-37182
 Valero, M. *see* Stegemann, D. 1-18774
 Vales, F. *see* Brepta, R. 1-1855
 Valette, C. *see* Behar, J. 1-8978
 Valette, C. *see* Hueber, D. 1-20901
 Valette, P. *see* Laponche, B. 1-35616
 Valette, S. *see* Hamdi, H. 1-6685
 Valeyre, J. *see* De Vernejoul, P. 1-26984
 Valgora, M.E. *see* Mildice, J.W. 1-53626
 Valic, M.I. *see* Bloom, M. 1-5348
 Valiev, R.Z., Gerchman, V.Yu., Kaibyshev, O.A. On the nature of grain boundary structure recovery 1-21524
 Valiev, R.Z., Gertsman, V.Yu., Kaibyshev, O.A. Migration of grain boundaries with nonequilibrium structure 1-52153
 Valiev, R.Z., Kaibyshev, O.A., Tsenev, N.K. Dynamic recrystallization of fine-grained Al 1-48367
 Valiev, U.V., Krinchik, G.S., Levitin, R.Z., Mukimov, K.M. Variation of transmittance of holmium iron garnet at a 1.15- μ m wavelength in strong magnetic fields 1-52924
 Valigi, M. *see* Cimino, A. 1-20378
 Valignat, N. *see* Durand-Charre, M. 1-31452
 Valisheva, N.A. *see* Smirnova, T.P. 1-43327
 Valitov, R.A., Valitov, R.R., Yefimov, F.V., Kokodiy, N.G., Starodubtsev, G.P. Nonvacuum ponderomotive laser power and energy meters 1-11035
 Valitov, R.R. *see* Valitov, R.A. 1-11035
 Valiukenas, V., Brilingas, A., Orliukas, A., Samulionis, V., Sakalas, A. The phase transition in single crystals of α -AgSbS₂ induced by the external electric field 1-47230
 Valiukenas, V. *see* Orliukas, A. 1-20822
 Valiukenas, V.J., Jasinskaitė, R.J., Orliukas, A.S., Sakalas, A.P. Field-induced anomalies in electrophysical properties of α -AgSbS₂ crystals 1-42836
 Valiukenas, V.J. *see* Grigas, D.P. 1-42821
 Valiullin, A.Kh. Stress-strain state of an orthotropic spherical shell when an aperture is momentarily uncovered 1-19637
 Valjus, J. *see* Oliha, L. 1-4424
 Valkarova, A. *see* Batyunya, B.V. 1-600
 Valkarova, A. *see* Boos, E.G. 1-5661
 Valkonen, J. *see* Niemisto, L. 1-25232
 Val'kov, I.G. *see* Palagushkin, A.N. 1-20578
 Valkovic, V. *see* Budnar, M. 1-28134
 Val'kovskaya, V.I. Quasistatic oscillations of circular plate in stochastic temperature field 1-15441
 Val'kovskii, S.N. *see* Arkhangel'skaya, V.A. 1-26248
 Valkunas, L., Sugakov, V.I. How the resonance interaction influences the Stark effect in the case of some impurity centers in molecular crystals 1-16264
 Valkunas, L., Viscakas, J., Ignat'eva, L.A. Effect of three-particle electron-hole states on optical spectra of semiconductors 1-21162
 Valladas, G., Ferreira, J. On the dose-rate dependence of the thermoluminescence response of quartz 1-6093
 Valladas, G. *see* Portal, G. 1-3507
 Valladas, H. Investigation of thermoluminescence of burnt sandstones from prehistoric sites 1-6095
 Vallade, M. *see* Bastie, P. 1-52902
 Vallade, M. *see* Dolino, G. 1-38504
 Valladon, M., Blondiaux, G., Koemmerer, C., Halais, J., Poiblaud, G., Huber, A., Debrun, J.L. Contribution of activation analysis with low energy charged particles to studies on GaAs 1-31937
 Valladon, M. *see* Ardisson, C. 1-18597
 Vallance, J.M., Schwartz, M.H., Kaplan, S. UPLAN—application of probabilistic decision theory to optimize fuel ordering strategy 1-45604
 Vallance, M., Faith, D.C., III, Cooper, S.L. Dielectric spectroscopy at sub-audio frequencies—two techniques in comparison [thermoplastic elastomer permittivity spectra] 1-9996
 Vallance, R.J. *see* Corden, M. 1-14429
 Vallance, R.J. *see* Corden, M.J. 1-14428, 1-28352
 Vallander, S.S. Statistical mechanics of e -continuous models. I. Definition and ground states 1-50038
 Valle, J.W.F. *see* Schechter, J. 1-14310
 Valle, L. *see* Diaz, R. 1-22159
 Valle, R., Benty, G., Marraud, A. High temperature in-situ investigation in HVEM—deformation, irradiation, and recrystallization. Instrumentation and applications to materials science 1-392
 Valteau, J.P. *see* Torrie, G.M. 1-35537
 Vallee, G. *see* Provost, J.P. 1-413
 Vallee, J.P. *see* Harris, D.E. 1-17901
 Vallee, O., Tran Minh, N., Chapelle, J. The interaction between excited and ground state rare gas atoms. II. Homonuclear excimers with spin-orbit coupling 1-6140
 Vallejo, J.M. Vasquez *see* Vasquez Vallejo, J.M.
 Valleron, A.J. *see* Cooley D'Hooghe, M. 1-22075
 Valley, G.C. Phase variations due to anomalous dispersion in long inhomogeneously broadened lasers 1-46401
 Valli, A. A treatment of r.f. multiple-quantum transitions in terms of a continued fraction of matrices 1-45910
 Valli, K. *see* Arje, J. 1-45764
 Valliappan, S. *see* Svensson, N.L. 1-49160
 Vallieres, M. *see* Klein, A. 1-28401, 1-45437
 Vallieres, M. *see* Pinkston, W.T. 1-28398
 Vallieres, M. *see* Sprung, D.W.L. 1-36894, 1-50534
 Vallikivi, A.Yu. Effect of various protective atmospheres on the microhardness and sintering quality of iron 1-39276
 Vallon, M.T. Conformal tensor interactions 1-33098
 Vallis, O.T. *see* Mazenko, G.F. 1-3200, 1-3201, 1-42978
 Valnick, B. *see* Korneev, V.V. 1-36259
 Valnick, B. *see* Sylwester, B. 1-49598
 Valone, S.M. A one-to-one mapping between one-particle densities and some n -particle ensembles 1-23104
 Valov, P.M. *see* Andrianov, A.V. 1-20805
 Valov, V.A. *see* Andronov, A.A. 1-25740, 1-25743, 1-30755, 1-42782
 Valsarajan, K.V. *see* Ramachandra Rao, N. 1-37795
 Valsecchi, G.B. *see* Carusi, A. 1-49574
 Valtaoja, E. *see* Torsti, J. 1-49462
 Valter, G.P. *see* Bontius, G.H. 1-21838
 Valtere, A.Ya., Lunter, S.G. Phase transformations in glass-forming europium metaphosphates 1-42538
 Valtier, J.-C. *see* Sareyan, J.-P. 1-40482
 Valton, M., Guillaume, J.-L., Hoffmann, P., Roger, C. Lie algebras associated to the BBGKY (Bogolioubov, Born, Green, Kirkwood, Yvon) hierarchy 1-38216
 Valton, M., Guillaume, J.-L., Hoffmann, P., Roger, C. A formal solution of the BBGKY (Bogolioubov, Born, Green, Kirkwood, Yvon) hierarchy 1-42271
 Valtonen, M.J., Byrd, G.G. Orbital dynamics of the radio galaxy 3C 129. II. Internal tail structure 1-9700
 Valuev, N.P. *see* Belen'kii, A.Ya. 1-26516
 Valuev, N.P. *see* Tudić, A.A. 1-35382
 Valuzis, A., Ignatavicius, M., Piskarskas, A., Stabinis, A., Juozapavicius, A. Spatial autocorrelation functions of weak picosecond signals on the basis of nonlinear optics transformations 1-41772
 Valverde, N. Thermodynamic stabilization of the solid electrolyte RbAg₄I₃ 1-30451
 Val'vano, G.E. *see* Borodina, T.I. 1-21410
 Valyi, G., Schiller, V., Gyimesi, J., Gyulai, J. Analysis of chemical processes of plasma etching 1-43563
 Vallyunin, B.S. *see* Nikol'skii, V.A. 1-23766
 Vampouille, M. *see* Piasecki, J. 1-19433, 1-46567
 Van, C.L. Influence of relaxation times on the Bloch-Siegert shift 1-45901
 Van, J. Tram Thanh *see* Tram Thanh Van, J.
 Van, V. Nguyen *see* Nguyen Van, J.
 Van Albada, G.D. New high resolution radio observations of NGC 4258. II. NGC 4258 as a spiral galaxy 1-13850
 Van Allen, J.A., Randall, B.A., Thomsen, M.F. Sources and sinks of energetic electrons and protons in Saturn's magnetosphere 1-40387
 Van Allen, J.A., Thomsen, M.F., Randall, B.A. The energetic charged particle absorption signature of Mimas 1-40389
 Van Allen, J.A. *see* Thomsen, M.F. 1-40390, 1-40398
 Van Allen, J.W. *see* Murray, F.J. 1-17687
 Van Alsenoy, C. *see* Williams, J.O. 1-51077
 Van Asten, J. *see* Friedrich, D.M. 1-29065
 Van Altena, W.F. *see* Chiu, L.-T.G. 1-54560
 Van Apeldoorn, G.W., Barshay, S., Harting, D., Holthuijzen, D.J., Kuijter, P.G., Pijlgrams, B.J., Karimaki, V., Kinnunen, R., Korkea-aho, M., Johnson, P., Michaelides, P., Michaelidou, Ch., Patel, D.G. Thermal emission of pions in antiproton-proton annihilation at 12 GeV/c 1-45357
 Van Apeldoorn, G.W. *see* Johnson, P. 1-5659
 Van As, H., van Vliet, W.P.A., Schaafsma, T.J. [H] spin-echo nuclear magnetic resonance in plant tissue. I. The effect of Mn(II) and water content in wheat leaves 1-26882
 Van Assche, P.H.M. *see* Helmer, R.G. 1-17946
 Van Atta, C.W., Helland, K.N. Exploratory temperature-tagging measurements of turbulent spots in a heated laminar boundary layer 1-1913
 Van Atta, C.W., Helland, K.N. Temperature tagging measurements of turbulent spots in a heated laminar boundary layer 1-42045
 Van Attekum, P.M.Th.M., Wertheim, G.K., Crece-lius, G., Wernick, J.H. Electronic properties of some CaF₂-structure intermetallic compounds 1-25624
 Van Attekum, P.M.Th.M. *see* Bates, C.W., Jr. 1-25813
 van Audekerke, R. *see* Martens, M. 1-17426
 van Bakel, B.A.H. *see* Breed, D.J. 1-47920
 van Beelen, H., Kramers, H.C. Sounds and the 2-fluid description of superfluid helium 1-47317
 van Beelen, H. *see* Hartoog, A. 1-52375
 van Beijeren, H., Dorfman, J.R. Kinetic theory of hydrodynamic flows. I. The generalized normal solution method and its application to the drag on a sphere 1-24844
 van Beijeren, H., Dorfman, J.R. Kinetic theory of hydrodynamic flows. II. The drag on a sphere and on a cylinder 1-37971
 Van Bergen, A.R.D. *see* Jongerius, M.J. 1-19050
 Van Bibber, K. *see* Bini, M. 1-14541
 Van Bibber, K. *see* Geaga, J.V. 1-28449
 Van Bibber, K. *see* Lebrun, D. 1-41089
 Van Bladel, J. *see* De Smedt, R. 1-1448
 van Bodegom, B., de Boer, J.L. The structure of the 1:2 complex 4-ethylmorpholinium 7,7,8,8-tetracyanoquinodimethane, HEM(TCQN)₂, at 294K 1-34339
 van Bodegom, B. *see* Mossink, H. 1-34337
 Van Bogart, J.W.C., Lilaontikul, A., Lerner, L.E., Cooper, S.L. Morphology and properties of short segment block copolymers 1-34248
 Van Bogart, J.W.C. *see* Hesketh, T.R. 1-35277
 Van Brabander, F. *see* Dorikens-Vanpraet, L. 1-33082
 van Bravingh, R.P. van Wijk *see* van Wijk van Bravingh, R.P.
 van Bruggen, C.F. *see* Folmer, J.C.W. 1-34882
 Van Brunt, R.J., Hiltien, J.S., Silver, D.P. Partial-discharge pulse height distributions and frequencies for positive and negative DC corona in SF₆ and SF₆-N₂ mixtures 1-20005
 Van Brunt, R.J. *see* Leep, D.A. 1-38180
 Van Buren, D., Charles, P.A., Mason, K.O. Discovery of soft X-ray emission from V471 Tauri and UU Sagittae: two highly evolved, low-mass binaries 1-49725
 Van Buren, P.D., Viskanta, R. Interferometric observation of normal convection during freezing from a vertical flat plate 1-24808
 Van Cakenberghe, K. *see* Hiernaut, J.P. 1-7493
 Van Calster, A., Li Yu-Min. An investigation of the Al₂O₃-CdSe interface in accumulation 1-20872
 Van Camp, E., Van de Vyver, R., Ferdinand, H., Kerkhove, E., Carchon, R., Devos, J. Absolute (γ_{p0}) and (γ_{p1}) cross sections and angular distributions for the closed-neutron shell nucleus ⁸⁹Y 1-18621
 Van Camp, P.E., Van Doren, V.E., Devreese, J.T. Vibrational spectra of molecules in the Hartree-Fock dielectric screening approach 1-6226
 Van Camp, P.E., Van Doren, V.E., Devreese, J.T. Ab initio study of phonon spectra of solids 1-20334
 Van Camp, P.E. *see* Devreese, J.T. 1-1201, 1-7521
 van Camp, P.E. *see* van Doren, V.E. 1-7516
 van Campen, D.H. Some aspects of the analysis of free vibrations of finite cylindrical shells with and without a surrounding fluid 1-6827
 Van Cauwenberghe, K. *see* Broddin, G. 1-17327
 Van Chang, Hwa, R.C. Quark and gluon decay functions in quantum chromodynamics and recombination model 1-45231
 Van Cong, H. Diffusion coefficients in degenerate semiconductors 1-16095
 Van Cong, H. Emission near the absorption edge in a degenerate GaAs crystal 1-21259
 van Cong, H. Quantum efficiency and radiative lifetime in degenerate n -type GaAs 1-43158
 Van Craen, M. *see* Adams, F. 1-17640
 Van Craen, M.J. *see* Adams, F.C. 1-27228
 Van Dael, W. *see* Bloemen, E. 1-25448
 Van Dam, H., Louwen, J.N., Oskam, A., Doran, M., Hillier, I.H. The electronic structure of dinuclear transition-metal complexes containing metal-metal interactions. II. He(I) and He(II) photoelectron spectra of hexacarbonyl-diirondisulfur and related complexes 1-6316
 Van Dam, H., Ruijgrok, T.W. Classical relativistic equations for particles with spin moving in external fields 1-23415
 Van Dam, H., Stufkens, J., Oskam, A., Doran, M., Hillier, I.H. The electronic structure of dinuclear transition. Metal complexes containing metal-metal interactions. I. He(I) and He(II) photoelectron spectra of hexacarbonyl-dicobalt (μ -alkyne) complexes 1-6315
 van Dam, H. *see* Mukunda, N. 1-14344
 Van Dam, H. *see* Staunton, L.P. 1-9796
 Van Dantzig, R., Blommestein, G.J.F., Slaus, I. Analysis and interpretation of deuterium breakup data over the entire phase space 1-28483
 Van Dantzig, R. *see* Blommestein, G.J.F. 1-708, 1-28482
 van de Berg, J.F.M., Daenen, T.E.G., Krijl, G., van de Leest, R.E. The electrodeposition of aluminum 1-35194
 Van de Geijn, J. *see* Padikal, T.N. 1-22128
 Van De Graaf, B. *see* Bovee, W.M.M.J. 1-24171
 van de Hulst, H.C. *see* Macchetto, F. 1-17770
 van de Klundert, L.J.M. *see* Gijbertse, E.A. 1-50171
 Van de Leest, R.E., Krijl, G. A tungstate conversion coating on tin 1-12933

- van de Leest, R.E. *see* van de Berg, J.F.M. 1-35194
- Van De Ree, J. *see* Jacobs, M. 1-10804
- Van De Sanden, J. Martensite morphology of low alloy commercial steels 1-8305
- van de Steeg, M.J.H. *see* Jongbloets, H.W.H.M. 1-3008
- Van De Ven, A.J.C. *see* Klomp, J.T. 1-8524
- Van de Ven, T.G.M. *see* Smith, P.G. 1-47331
- Van de Vyver, R. *see* Van Camp, E. 1-18621
- Van De Walle, R. *see* Mazzucato, M. 1-50462
- van de Walle, R.T. *see* Barth, M. 1-41018, 1-45377
- van de Water, W., Heideman, H.G.M. The semi-classical and shake-down models for post-collision interaction 1-24259
- Van de Water, W. *see* Heidman, H.G.M. 1-41462
- Van de Werf, F. *see* Denys, B.G. 1-8893
- Van De Woestijne, K.P. *see* Nagels, J. 1-26929
- Van Delft, J.L. *see* Nijweide, P.J. 1-43910
- Van Den Ayle, J.A. *see* Jones, W.B. 1-8386
- van den Belt, T.G.M. *see* Cahen, H.T. 1-34512
- van den Berg, A.M. *see* Aarts, E.H.L. 1-18985
- van den Berg, B., Oskam, B. Boundary layer measurements on a two-dimensional wing with flap and a comparison with calculations 1-1941
- Van Den Berg, J. Percolation theory on pairs of matching lattices 1-50062
- van den Berg, M. The Casimir effect in two dimensions 1-37390
- Van Den Berg, M.S. *see* Bakker, M. 1-19881
- van den Berg, P.J. *see* Lefers, J.B. 1-15464
- van den Berg, P.M., Fokkema, J.T. The Rayleigh hypothesis in the theory of diffraction by a perturbation in a plane surface 1-1458
- van den Berg, P.M. *see* de Jong, B.A. 1-11244
- van den Berg, P.M. *see* Fokkema, J.T. 1-29429
- van den Berg, T. *see* Stockinger, S. 1-50849
- Van Den Bergh, T.J.T.P., Spekreijse, H. A temporal analogue of MacAdam ellipses description of rod-cone interaction 1-4272
- van den Bergh, H. *see* Baldwin, A.C. 1-46039
- van den Bergh, H. *see* Gozel, P. 1-46041
- Van den Bergh, N. Paradoxes in extragalactic observations? 1-17899
- Van Den Bergh, N. General solutions for a static isotropic metric in the Brans-Dicke gravitational theory 1-44820
- van den Bergh, S. Star clusters as touchstones for theories of galactic evolution—a few examples 1-40537
- Van Den Bergh, S. Was CTB 80 produced by the possible supernova of 1408? 1-44658
- van den Bergh, S., Hesser, J.E., Harris, G.L.H. Observations of the brightest globular clusters associated with NGC 5128 1-40535
- van den Bergh, S., Morbey, C. Search for the optical remnant of Tycho's supernova 1-54583
- Van Den Bergh, C.S. *see* Amos, A.T. 1-29082
- Van Den Bergh, E.V. *see* Van Linthoudt, J.P. 1-6408
- van den Biesen, J.J.H. *see* Thuis, H.H.W. 1-19160
- van den Bleek, C.M. *see* Lefers, J.B. 1-15464
- Van Den Boom, H., Bremer, R.E., Robertson, J.M. Electronic Raman spectroscopy of rare earth doped yttrium aluminum garnet layers grown by liquid phase epitaxy 1-16553
- van den Bosch, P.P.J., Jongkind, W. Model reference adaptive satellite attitude control 1-44409
- van den Bosch, R.L.P. *see* Jacobs, G.J.H. 1-10585
- Van Den Bosch, R.L.P. *see* Janssen, A.G.M. 1-4366
- Van Den Bossche, G., Sobry, R. Experimental molecular diamagnetic anisotropies of condensed aromatic compounds 1-46152
- van den Brand, J.F.J., Kaan, A.P. Investigations of the vacuum technical aspects of some cleaning methods of aluminium alloys 1-5331
- van den Broek, P.M. Method for the determination of Clebsch Gordan coefficients of finite magnetic groups 1-7121
- Van Den Broek, P.M. On the ground state energy of the linear antiferromagnetic Heisenberg chain with nearest- and next-nearest-neighbour interactions 1-12250
- van den Broek, P.M. Lower bounds for the ground state energy of spin systems 1-38903
- Van Den Broek, P.M., Caspers, W.J., Willems, M.W.M. Ground-state energies of antiferromagnetic lattices 1-25851
- van den Broek, P.M., Diril, R. Equivalence of induced representations 1-5537
- van den Brugh, J.H.A.M. *see* Nievergeld, P.G.M. 1-21841
- Van den Cruyce, J.M. *see* Borghs, G. 1-46146
- Van den Cruyce, J.M. *see* Silverans, R.E. 1-33424, 1-51367
- van den Dool, H.M. On the role of cloud amount in an energy balance model of the Earth's climate 1-17685
- Van den Dries, L., Van Haesendonck, C., Bruynse-raede, Y., Deutscher, G. Two-dimensional localization in thin copper films 1-47763
- van den Dungen, J.P.M. *see* Cahen, H.T. 1-34513
- van den Eijnden, W.M.M.M. *see* van der Straten, P.J.M. 1-3231
- van den Ende, D., Stolte, S. Reactive scattering with a state selected beam: the influence of the internal state and orientation of NO upon the chemiluminescent reactivity with O₃ 1-14856
- Van den Hark, Th.E.M. *see* Beurskens, P.T. 1-2279
- van den Heuvel, E.P.J. *see* Hut, P. 1-54509
- van den Heuvel, F.C., Meerts, W.L., Dymannus, A. High-resolution tunable spectroscopy of rotational transitions of NO near 30 cm⁻¹ 1-37202
- Van Den Heuvel, W.M.C. Current chopping introduced by arc collapse 1-34150
- van den Hoek, W.J., Visser, J.A. Optogalvanic spectroscopy and thermal relaxation in high-pressure mercury and sodium arc discharges 1-11594
- Van Den Hoek, W.J., Visser, J.A. Opto-galvanic spectroscopy and thermal relaxation in high-pressure mercury and sodium arc discharges 1-38191
- Van Den Hoogenhof, W.W. *see* Buschow, K.H.J. 1-20130
- van den Horst, J.F. *see* Nievergeld, P.G.M. 1-21841
- Van Den Hout, K.D., Hermans, P.W., Knaap, H.F.P. The broadening of the depolarized Rayleigh line for hydrogen isotopes at low temperatures 1-28986
- Van Den Hout, K.D., Hermans, P.W., Mazur, E., Knaap, H.F.P. The broadening and shift of the rotational Raman lines for hydrogen isotopes at low temperatures 1-28985
- van den Meijdenberg, C.J.N. *see* Thuis, H.H.W. 1-19160
- Van der Auwera, L., de Meyer, F., Malet, L.M. The use of the Weibull three-parameter model for estimating mean wind power densities 1-44261
- Van der Auwera, M., Dederen, J.C., Gelade, E., De Schryver, F.C. Fluorescence quenching in micelles: a theoretical model for the intramolecular first order quenching rate constant 1-48742
- van der Avoird, A. *see* Geurts, P. 1-37097, 1-39682, 1-52430, 1-52431
- van der Avoird, A. *see* Luty, T. 1-38476
- van der Bilt, A., Jong, K.O., Carlin, R.L., de Jongh, L.J. Susceptibility of [Fe(C₅H₅NO)₂](ClO₄)₂, $S = 1/2$, simple-cubic 1-3156
- van der dries, L. *see* Van Haesendonck, C. 1-7788
- van der Gon, J.J. Denier *see* Denier van der Gon, J.J.
- van der Gulik, P.S., Trappeniers, N.J. The viscosity of argon at pressures up to 9 kbar 1-38039
- van der Ha, J.C. *see* Hechler, M. 1-36159
- Van der Haeghe, R., Debroyne, J., Luyckx, R., Lekkerkerker, H.N.W. Four particle cluster approximation for the Maier-Saupe model of the isotropic-nematic phase transition 1-2602
- Van Der Hart, A., Uelhoff, W. Macroscopic Czochralski growth I. Theoretical investigation, heat flow and growth model 1-34263
- van der Heijden, R.L.A. *see* Dorleijn, J.W.F. 1-38192
- van der Heydt, L., van der Heydt, N., Obermair, G.M. Statistical model of current-conduction in channels in nerve membranes 1-53780
- van der Heydt, N. *see* van der Heydt, I. 1-53780
- Van Der Hoeven, C. Digital storage oscilloscopes. II 1-27953
- van der Hoeven, J.A. *see* Mittermeijer, E.J. 1-26674
- Van Der Hucht, K.A., The, P.S., Bakker, R. On the visual absolute magnitude of the WC 9-type star Tr 27-28 1-49687
- van der Hulst, J.M. *see* Bosma, A. 1-9683
- van der Hulst, J.M. *see* Sramek, D. 1-32717
- van der Hulst, J.M. *see* Weiler, K.W. 1-54527
- van der Kam, P.M.A., Beijerinck, H.C.W., Thijsen, W.J.G., Eversdij, J.J., Verster, N.F. Monte Carlo calculation of angular transmission functions for small angle scattering 1-29080
- Van Der Kam, P.M.A. *see* Verster, N.F. 1-51262
- Van Der Kelen, G.P. *see* Delmule, L. 1-1255, 1-1256, 1-6280
- Van Der Kelen, G.P. *see* Van Linthoudt, J.P. 1-6408
- Van Der Kelen, G.P. *see* Vincent, E. 1-26195
- van der Klink, J.J. *see* Borsia, F. 1-21067
- van der Klundert, L.J.M. *see* Gijbertse, E.A. 1-52723
- van der Kraan, A.M. *see* Buschow, K.H.J. 1-47907
- van der Kruijs, F.N.G.R. *see* Boonstra, A.H. 1-38771
- van der Kuur, J.H. *see* Ellis, C.E. 1-788
- van der Laak, H.J.M. *see* Finck, J.C.J. 1-19358
- van der Laan, H. High-energy astrophysics (HEA) in radio-astronomy 1-13901
- van der Lans, J. *see* Botner, O. 1-37065
- van der Leeden, M.C. *see* van Rosmalen, G.M. 1-53078
- van der Leun, C., Nooren, G.J.L. Spin J=1/2 assignments to proton-capture resonances 1-28447
- Van Der Leun, C. *see* Helmer, R.G. 1-17946
- van der Leun, J.C. Will lasers be useful in photodermatology? 1-35874
- Van Der Linden, L. *see* Nagels, J. 1-26929
- van der Linden, T. *see* van Paradijs, J. 1-44670
- van der Linden, W.H. *see* Janner, A. 1-30187
- van der Lugt, W. *see* van Albais, B.P. 1-25143
- van der Lugt, W. *see* van der Marel, C. 1-7962, 1-30728, 1-31047, 1-38764
- van der Maas, J.H. *see* Visser, T. 1-45924, 1-48050
- van der Marel, C., Geertsma, W., van der Lugt, W. Li Knight shift of liquid Li-Pb and Li-Sn alloys 1-7962
- Van der Marel, C., Van der Lugt, W. The thermoelectric power of liquid lithium-sodium alloys 1-30728
- Van der Marel, C., Van der Lugt, W. Knight shift and electrical resistivity of some liquid lithium alloys 1-31047
- van der Marel, C., van der Lugt, W. Thermoelectric power of liquid Li-Na alloys 1-38764
- van der Marel, L.C. *see* Flokstra, J. 1-287
- van der Mark, Th.W., Peset, R., Beckhuis, H., Kiers, A., Rookmayer, A.E.C., Woldring, M.G. An improved method for the analysis of xenon-133 washin and washout curves 1-43953
- van der Merwe, A. *see* Treder, H.-J. 1-27690
- Van Der Merwe, J.H. *see* Janossy, L. 1-4758
- Van Der Merwe, J.H. Misfit accommodation in epitaxial monolayers on (111) FCC and (110) BCC substrates. I. Analytical approach 1-30599
- Van der Merwe, P.D.T. Space-time symmetries and nonlinear field theory 1-45114
- van der Merwe, P. du T. On the nonlinear propagator 1-18366
- van der Pauw, L.J. The trapping of acoustical energy by a conical membrane and its implications for loudspeaker cones 1-11239
- Van Der Pers, N.M. *see* Bendijk, A. 1-21438
- Van Der Plicht, J., Harakeh, M.N., Van Der Woude, A., David, P., Debrus, J., Janszen, H., Schulze, J. The study of the (α,α') reaction at 120 MeV on ²³²Th and ²³⁸U. I. Fission probabilities and angular distributions in the region of the giant quadrupole resonances 1-10395
- Van Der Plicht, J. *see* David, P. 1-50686
- Van Der Plicht, J. *see* Scholten, O. 1-14505
- van der Poel, C.J. *see* Aarts, H.J.M. 1-23931
- Van Der Poel, C.J. *see* Scherpenzeel, D.E.C. 1-23599
- van der Poel, P.A. *see* Barth, M. 1-41018, 1-45377
- Van Der Putten, N., Schenk, H., Hauptman, H. Application of the three-phase semivariants to phase determination in P₂ 1-7037
- Van Der Putten, N., Schenk, H., Hauptman, H. On the identity of the enantiomorph-sensitive three-phase structure semivariants and variants in P₂, and their use in procedures for phase determination 1-11632
- van der Raay, H.B. *see* Claverie, A. 1-32678
- van der Schaaf, P.J. *see* Mittermeijer, E.J. 1-26674, 1-35285
- van der Schee, E.J., de Bakker, J.V., Zwamborn, A.W. Transducer for in vivo measurement of the inner diameter of arteries in laboratory animals 1-44057
- Van Der Sijde, B. *see* Pots, B.F.M. 1-38172
- van der Sluijs, J.C.A. *see* Bishop, J.C. 1-20493
- van der Sluijs, J.C.A. *see* Pattullo, A.W. 1-20546
- van der Straten, P.J.M., Bondarenko, V.V., Metselaar, R. LPE growth and magnetic anisotropy of Ni(Fe,Al)₂O₄ films 1-12675
- van der Straten, P.J.M., Kwaaitaal, Th., van den Eijnden, W.M.M.M. The magnetostriiction of aluminum substituted nickel ferrites 1-3231
- van der Tweel, L.H. *see* Estevez, O. 1-48990
- van der Veen, J. A calculation of the specific surface free energy of crystalline solids and its application to the faceting of silver 1-47362
- van der Veen, J.F., Himpel, F.J., Eastman, D.E. Experimental energy dispersions for valence and conduction bands of iridium 1-21326
- van der Veen, J.F., Himpel, F.J., Eastman, D.E., Heimann, P. Angular dependent photo-stimulated desorption of ions from a V₂O₅ (010) surface 1-16179
- van der Veen, J.F. *see* Bradshaw, A.M. 1-42844
- van der Veen, J.F. *see* Himpel, F.J. 1-16333
- van der Veen, J.F. *see* Himpel, F.J. 1-8189
- van der Veen, J.F. *see* Weaver, J.H. 1-26367
- Van Der Velden, G.P.M. *see* Woning, J. 1-1133
- van der Vliet, G.H., Holsheimer, J., Bingmann, D. Calculation of the conduction velocity of short nerve fibres 1-13228
- Van Der Voo, R., Channell, J.E.T. Paleomagnetism in orogenic belts 1-13397
- Van der Voo, R., Jones, M., Gromme, C.S., Eberlein, G.D., Churkin, M. Jr. Paleozoic paleomagnetism and northward drift of the Alexander terrane, southeastern Alaska 1-22213
- Van der Voo, R. *see* Watts, D.R. 1-22215, 1-22216
- Van Der Vooren, A.W. *see* Busigin, A. 1-21787

- van der Vooren, J. see Houwink, R. 1-19739
 Van der Voort, E. see Clifford, J.S. 1-35617
 Van Der Vorst, C.P.J.M., Maaskant, W.A. Stereochemically active (5s)² lone pairs in the structures of α -InCl and β -InCl 1-25214
 Van Der Wal, L. see Wladimiroff, J.W. 1-53848
 van der Werf, K.O., Wierenga, P.E. Automation of a reflectometer with a microprocessor. III. Monochromator control and noise reduction 1-329
 Van Der Werf, S.Y. see Christensen, P.R. 1-18663
 Van Der Werf, S.Y. see Gaarde, C. 1-5740
 Van der Werf, S.Y. see Harakeh, M.N. 1-23594
 Van Der Werf, S.Y. see Scholten, O. 1-14505
 van der Werf, T. see van Wijk van Brievingh, R.P. 1-53874
 Van Der Wiel, J.M. see van Kervel, S.J.H. 1-51675
 van der Wiel, M.J. Multiphoton ionization of molecules 1-19151
 van der Wiel, P.A. Improvement of the super-modified simplex optimization procedure 1-44869
 Van Der Woude, A. Isoscalar giant resonances 1-28439
 van der Woude, A. see Bertrand, F.E. 1-14502
 Van Der Woude, A. see David, P. 1-50686
 Van Der Woude, A. see Van Der Plicht, J. 1-10395
 van der Woude, F. see Kemény, T. 1-34881
 Van der Woude, F. see Schaafsma, A.S. 1-31074
 van der Woude, F. see Vincze, I. 1-30076
 van der Zee, H. see Malik, A.B. 1-49028
 van der Ziel, A. Equivalent temperature of hot electrons 1-2974
 van der Ziel, A. Quantum noise in Josephson junctions 1-3103
 Van der Ziel, A. The diffusion potential of p⁻-n⁻ junctions 1-7717
 van der Ziel, A. On the total noise of maser amplifiers 1-4673
 Van Der Ziel, A. see Jindal, R.P. 1-46271
 van der Ziel, A. see Suh, C.H. 1-7681
 Van Der Ziel, J.P. Self-focusing effects in pulsating Al_{0.5}Ga_{0.5}As double-heterostructure lasers 1-41699
 Van Der Zwaag, S., Hagan, J.T., Field, J.E. Studies of contact damage in polycrystalline zinc sulphide 1-31531
 Van Dorn Kelen, G.P. see Delmelle, L. 1-28999
 Van Dessel, E.L. see Howarth, I.D. 1-40523
 Van Deursen, A.P.J., de Vroomen, A.R., Smith, J.L. First observation of the Haas-van Alphen oscillations in TiBe₂: polycrystalline samples 1-16225
 Van Deursen, P. see Daum, C. 1-14424, 1-28357
 Van Deventer, E.H., Maroni, V.A. Hydrogen permeation characteristics of some austenitic and nickel-base alloys 1-2697
 van Dijk see Braam, A.W.M. 1-30210
 van Dijk, C. see Verbeek, B.H. 1-25885
 van Dijk, C. see Vrijen, J. 1-7342
 van Dijk, P.A.S., Schut, W., van Os, J.W.M., Menger, E.M., Vemmen, W.S. A high speed spinner for magic angle spinning NMR 1-18267
 Van Dijk, T., Burggraaf, A.J. Grain boundary effects on ionic conductivity in ceramic Gd₂Zr_{1-x}O_{2-(x/2)} solid solutions 1-47291
 van Dijk, T., Helmholtz, R.B., Burggraaf, A.J. Neutron powder diffraction studies of fluorite and pyrochlore Nd₂Zr_{1-x}O_{2-x/2} solid solutions with 0.25 < x < 0.55 1-15874
 van Dobeboom, B. see Kamminga, P. 1-34338
 Van Doesburg, W. see Stanovik, A. 1-23950
 Van Dommelen, L.L., Shen, S.F. The spontaneous generation of the singularity in a separating laminar boundary layer 1-19672
 Van Doorn, A.J. see Koenderink, J.J. 1-323
 Van Doorn, C.F. A temperature-controlled furnace for a kappa-pi configuration neutron single-crystal diffractometer 1-50135
 Van Doorn, M. see Chesters, A.K. 1-19781
 Van Dop, H., Ridder, T.B., Den Tonkelaar, J.F., Van Egmoud, N.D. Sulphur dioxide measurements on the 213 metre tower at Cabauw, the Netherlands 1-17328
 Van Doren, T. see Boone, J.L. 1-35661
 van Doren, V.E., van Camp, P.E., Devreese, J.T. Microscopic theory of the average band gap of semiconductors 1-7516
 Van Doren, V.E. see Devreese, J.T. 1-1201, 1-7521
 Van Doren, V.E. see Van Camp, P.E. 1-6226, 1-20334
 van Dover, R.B., de Lozanne, A., Howard, R.E., McLean, W.L., Beasley, M.R. Refractory-superconductor S-N-S microbridges 1-38896
 van Doveren, H., Verhoeven, J.A.T. XPS spectra of Ca, Sr, Ba and their oxides 1-31311
 van Doveren, H. see Verhoeven, J.A.T. 1-16653
 van Driel, H.M. see Young, J.F. 1-6489
 van Driel, J., Gonggrip, S., Janssens, R.V.F., Siemsen, R.H., Siwek-Wilczynska, K., Wilczynski, J. Sequential ejection decays and uncorrelated breakup processes in the ¹⁴⁹La and ¹⁵⁹Tb reaction 1-33271
 Van Driel, J., Harakeh, M.N., Kamermans, R., de Meijer, R.J. Properties of the (α, α') reaction at very forward angles: coupled-channels effects in single and mutual excitation 1-41123
 Van Driel, J., Kamermans, R., De Meijer, R.J. The ($\alpha, ^4\text{He}$) reaction on ¹²C, ²⁴Mg, ²⁶Mg, ²⁸Si, ⁴⁰Ca, ⁵⁸Ni, ⁹⁰Zr and ²⁰⁸Pb at E_α=65 MeV 1-23562
 Van Druenen, C. see Appleby, A.J. 1-7335
 Van Druenen, G., Cecco, V.S., Carter, J.R. Eddy current detection of corrosion damage in heat exchanger tubes 1-8522
 Van Duinen, P.T. see Thole, B.T. 1-14832
 Van Duinen, R.J. see Chi-Chao Wu 1-32734
 van Duinen, R.J. see Fridlund, C.V.M. 1-22864
 van Duinen, R.J. see Nordh, H.L. 1-54584
 van Duinen, R.J. see Sargent, A.I. 1-54592
 van Dun, K. see Brehm, R. 1-33840
 Van Duynne, R.P., Parks, K.D. Stimulated Raman laser excitation of spontaneous resonance Raman scattering 1-28975
 Van Duynne, R.P. see Allen, C.S. 1-12484
 Van Duynne, R.P. see Schatz, G.C. 1-35055
 Van Duynveldt, A.J. see Groenendijk, H.A. 1-3154
 van Duynveldt, A.J. see Mulder, C.A.M. 1-42976
 Van Duzer, T. see Fu, C.Y. 1-47810
 Van Duzer, T. see Jewett, R.E. 1-52708
 Van Dyck, D. Fast computational procedures for the simulation of structure images in complex or disordered crystals: a new approach 1-15769
 Van Dyck, D., van Landuyt, J., Jellinek, F., Amelinckx, S. Structure imaging of the tunnel structures of the compounds A_{1-x}Cr₂Se_{4-x} (A=Ba, Eu) using thin sections prepared by microtomy 1-42270
 van Dyck, D. see de Ridder, R. 1-7345
 Van Dyck, R.S., Jr., Schwinberg, P.B. High-field titanium-wafer vacuum pump 1-2673
 Van Dyck, R.S., Jr. see Schwinberg, P.B. 1-37074
 Van Dyke, J.P. see Ferer, M. 1-52792
 van Eck, J. see Duinker, W. 1-29107
 Van Eck, J.L. see Vanherzele, H. 1-46439
 Van Eekelen, C.A.G., Boeckstein, A., Stols, A.L.H., Stadhouders, A.M. X-ray microanalysis of picoliter microdroplets: improvement of the method for quantitative X-ray microanalysis of samples of biological fluids 1-17533
 Van Egmoud, N.D. see Van Dop, H. 1-17328
 Van Eijck, B.P. The microwave spectrum of cis-2-pentene 1-45945
 Van Eijck, B.P., Hargittai, I., Mayer, I. The molecular conformation of benzene sulphonyl chloride 1-24280
 Van Elst, H.C. see Cattaneo, A. 1-21690
 van Enckevort, W.J.P., Graef, M.W.M. Growth mechanisms of silicon crystallites grown on top of a metal-coated graphite substrate 1-47399
 van Engelen, P. Electron-nuclear double resonance of Ga in Mn-doped GaP 1-12427
 Van Engen, P.G. see Buschow, K.H.J. 1-25970
 van Enter, A.C.D. A note on the stability of phase diagrams in lattice systems 1-50059
 Van Erk, W., Kuiken, H.K. Solutal convection in garnet liquid-phase epitaxy using vertical dipping 1-53109
 Van Espen, P. see Adams, F. 1-17640
 Van Espen, P. see Nullens, H. 1-47980
 Van Espen, P.J. see Adams, F.C. 1-27228
 Van Essen, D. see Brasz, J. 1-28567
 Van Essen, R.M., Buschow, K.H.J. Composition and hydrogen absorption of C14 type Zr-Mn compounds 1-2813
 Van Etteger, A.F. see Bluyssen, H.J.A. 1-29264
 Van Etten, R.L. see Risley, J.M. 1-45988
 Van Flandern, T.C. The asteroidal planet as the origin of comets 1-40375
 van Galen, E., den Ouden, C. Development of a thermal storage system based on encapsulated P.C.-materials. III 1-17304
 van Gasselt, M.L.G. see Unal, H.C. 1-37995
 van Gelder, A.P., Jansen, A.G.M., Wyder, P. Temperature dependence of point-contact spectroscopy in copper 1-3048
 van Gelder, A.P. see Bruls, G.J.C.L. 1-42745
 van Gelder, A.P. see Jansen, A.G.M. 1-20858, 1-34774
 van Gend, M. see Stolwijk, N.A. 1-2427, 1-38578
 van Genderen, A.M. see Eichendorf, W. 1-36296
 Van Gial, N. see Bernard, V. 1-10294
 van Ginneken, A. Calculation of the average properties of electromagnetic cascades at high energies (AEGIS) 1-18493
 Van Ginneken, A. Calculation of the average properties of hadronic cascades at high energies (CASIM) 1-18609
 van Gisbergen, J.A.M. see Gielen, C.C.A.M. 1-48991
 van Gorkom, J.H., Shaver, P.A., Pottasch, S.R., Blair, G.N., Matthews, H.E. Aperture synthesis observations of recombination lines from compact H II regions. II. The radio sources near K 3-50 1-54587
 van Gorkom, A.A., Kornelsen, E.V. The entrance probability and range of helium in W(100) for energies 8 eV to 5000 eV as measured by thermal desorption spectrometry 1-52201
 Van Gorkom, A.A. see Kornelsen, E.V. 1-2809
 Van Groningen, E., Miley, G.K., Norman, C.A. One-sided jets in extragalactic radio sources 1-13877
 van Grunsven, T.F.J., Hoynp, P., Nicholson, D.R. Strong Langmuir wave turbulence: some results with selfconsistent Landau damping 1-27367
 van Grunsven, T.F.J. see Hoynp, P. 1-27368
 van Gunsteren, W.F., Karplus, M. A method for constrained energy minimization of macromolecules 1-19223
 van Gulp, G.J., Slotboom, J.W., Smolders, F.J.B., Stacy, W.T., Tamminga, Y. Enhanced diffusion of implanted arsenic and boron in silicon by low-temperature heat-treatment 1-11908
 Van Haesendonck, C., van der dries, L., Bruynse-raede, Y., Gilibert, A. The transition temperature of CuCr/Pb proximity sandwiches in the Cooper limit 1-7788
 Van Haesendonck, C. see Van den Dries, L. 1-47763
 Van Harlingen, D.J. see Koch, R.H. 1-30889
 Van Hauthem, R. see Bollen, R. 1-40000
 Van Hecke, G.R. Thermodynamics of the liquid two-phase regions in binary mixtures of mesogenic materials 1-38521
 van Hees, R.M. see Kattenberg, A. 1-4882
 Van Hemelrijck, E. Winds in the upper atmosphere 1-13625
 van Hemmen, J.L. Dynamics and ergodicity of the infinite harmonic crystal 1-9941
 van Hemmen, J.L. The Mattis random magnet as an isotopically disordered harmonic crystal 1-25968
 Van Heusden, E. see Pols, L.C.W. 1-8880
 van Heusden, S., Mulder, B.J. Interaction of a low-pressure mercury discharge with the discharge tube wall 1-29932
 Van Heusden, S. see Mulder, B.J. 1-53425
 Van Hienen, J.F.A. see Alons, P.W.F. 1-28364
 Van Hieu, N., Lichtman, D. Bandgap radiation induced photodesorption from titanium oxide surfaces 1-47383
 Van Hieu Nguyen see Nguyen Van Hieu
 Van Hijnjen, N.C.J. see Dil, J.G. 1-35066
 van Himbergen, J.E., Chakravarty, S. Helicity modulus and specific heat of classical XY model in two dimensions 1-32932
 Van Himbergen, J.E. see Parga, N. 1-3207
 Van Holde, K.E., Allen, J.R., Tatchell, K., Weischoet, W.O., Lohr, D. DNA-histone interactions in nucleosomes 1-8795
 van Holten, J.W., van Saarloos, W. A generalisation of the Ehrenfest's wind-tree model 1-40644
 Van Holten, J.W. see De Roo, M. 1-150
 Van Hoot, H.A. A new method for numerical calculation of potentials and trajectories in systems of cylindrical symmetry 1-1475
 Van Hoof, H.A. An electrostatic lens for polar-angle selection of photoemitted electrons 1-40899
 Van Hooff, P. see Pots, B.F.M. 1-38172
 Van Hook, W.A. see Gellai, B. 1-30407
 Van Hoosier, M.E. see Canfield, R.C. 1-4855
 Van Horn, H.M. see Helfner, H.L. 1-44555
 Van Horn, H.M. see Johnson, W.W. 1-27473
 Van Houten, F.B. Mid-Cenozoic Fortuna Formation, northeastern Tunisia—record of Late Alpine activity on North African cratonic margin 1-44179
 van Houtte, D. see Aubert, J. 1-19167
 Van Houtte, D. see Bliman, S. 1-51284
 van Houtte, P., de Vos, J., Aernoudt, E., Delaey, L. Deformation by transformation: a mathematical treatment 1-21447
 Van Houtte, P., Piron, A., Lustman-Marchal, J., Osteaux, M., Henry, J. Computed axial tomography (CAT) contribution for dosimetry and treatment evaluation in lung cancer 1-13316
 Van Hove, M. see Borghs, G. 1-46146
 Van Hove, M. see Silverans, R.E. 1-33424, 1-51367
 Van Hove, M.A., Koestner, R.J., Stair, P.C., Biberian, J.P., Kesmodel, L.L., Bartos, I., Somorjai, G.A. The surface reconstructions of the (100) crystal faces of iridium, platinum and gold. I. Experimental observations and possible structural models 1-47344
 Van Hove, M.A., Koestner, R.J., Stair, P.C., Biberian, J.P., Kesmodel, L.L., Bartos, I., Somorjai, G.A. The surface reconstructions of the (100) crystal faces of iridium, platinum and gold. II. Structural determination by LEED intensity analysis 1-47345
 Van Hove, M.A. see Michel, C. 1-23602
 van Hove, M.A. see Sachtler, J.W.A. 1-17104
 Van Hoven, G. see Chudieri, C. 1-2125
 van Hulsteyn, D.B. see Hauer, A. 1-7005
 Van Hutten, P.F., Pennings, A.J. Characterization of polyethylene shell-kababs by small-angle X-ray scattering 1-7090
 Van Immerseel, M. see Ajinenko, I.V. 1-592, 1-5667

- Van Immerseel, M. *see* Chliapnikov, P.V. 1-36886
- van Immerseel, M. *see* Denegri, D. 1-28356
- Van Isacker, P., Puddu, G. The Ru and Pd isotopes in the proton-neutron interacting boson model 1-5672
- Van Isacker, P. *see* Abreu, M.C. 1-23598
- Van Isacker, P. *see* Huyse, M. 1-41072
- Van Isacker, P. *see* Wenes, G. 1-41031
- van Kampen, N.G. Processes with delta-correlated cumulants 1-179
- van Kampen, N.G. Ito versus Stratonovich 1-40713
- van Kempen, H., Ribot, J.H.J.M., Wyder, P. The electrical resistivity of potassium at low temperatures 1-47605
- van Kempen, H. *see* Bruls, G.J.C.L. 1-42745
- van Kempen, H. *see* Ribot, J.H.J.M. 1-42743
- van Kempen, H. *see* Salemink, H.W.M. 1-2797
- van Kempen de Witte, N. The halo-shoulder brace and the mandibular-shoulder brace as postoperative supports following spinal fusion 1-4390
- Van Kervel, S.J.H., Van Der Wiel, J.M., Thijsen, J.M. A device for the display and adjustment of the nonlinear gain curve of ultrasonic A-mode equipment 1-51675
- Van Khiet, T., Nouailhat, A. The free exciton in K.I. Polariton nature of the emission 1-38724
- Van Khiet, T., Nouailhat, A. The free exciton in K.I. Coexistence with the self trapped exciton 1-38725
- van Kleef, T.A.M. *see* Joshi, Y.N. 1-28913
- van Kleef, Th.A.M., Joshi, Y.N. Eleventh spectrum of cesium. CsXI 1-37149
- van Kleef, Th.A.M., Joshi, Y.N., Uijlings, P. The third spectrum of cadmium: Cd III 1-1158
- Van Kleef, Th.A.M. *see* Raassen, A.J.J. 1-45890
- Van Kohi Le *see* Le Van Kohi
- Van Koningsveld, L. *see* Calvetti, M. 1-14778
- van Koningsveld, L. *see* Eggert, K. 1-14753
- Van Konynenburg, P.H., Scott, R.L. Critical lines and phase equilibria in binary van der Waals mixtures 1-52254
- van Kooten, J.F.C. *see* van Strien, A.J. 1-16469
- Van Kuin Chan *see* Chan Van Kuin
- Van Laak, J., Giuliani, J.F., Lee, C.H. Observation and characterization of broadband radiation from a mode-locked Nd:glass laser 1-15203
- Van Laar, J. *see* Huijsers, A. 1-39222
- van Lancker, J.L. *see* Tomura, T. 1-8920
- Van Landuyt, J. *see* Van Dyck, D. 1-42270
- Van Landuyt, J. *see* Van Sande, M. 1-30015
- van Leersum, J. Estimating sizes and outputs from wind energy systems 1-35600
- Van Leeuwen, E.H. *see* Halford, W.D. 1-5194
- van Leeuwen, F. Mass and luminosity function of the Pleiades 1-36353
- van Leeuwen, K.A.H. *see* Eliel, E.R. 1-1132
- Van Leeuwen, W. Storm *see* Storm Van Leeuwen, W.
- van Lenthe, J.H., Balint-Kurti, G.G. The valence-bond SCF (VB SCF) method. Synopsis of theory and test calculation of OH potential energy curve 1-19034
- van Lenthe, J.H. *see* Balint-Kurti, G.G. 1-1310
- Van Lerberghe, A. *see* Clairon, A. 1-23190
- van Liut, V.A.J. *see* Chervenak, J.G. 1-34036
- Van Linthoudt, J.P., Van Den Bergh, E.V., Van Der Kelen, G.P. Study of the electric dipole moments of the $(C_2H_5)_3PX_3$ and $P(E^{IV}(CH_3)_2)_3$ compounds ($X=Cl, Br, I; E^{IV}=C, Si, Sn; n=0, 1, 2, 3$) 1-6408
- van Loef, J.J. On the thermophysical properties of liquid radon-222 1-47275
- van Loef, J.J. Transport properties of compressed atomic and molecular liquids, and solids and the molar volume 1-52328
- van Lonkhuyzen, H., Muller, H.G., de Lange, C.A. A microcomputer-controlled modulation technique for the detection of transient species in UV photoelectron spectroscopy 1-28129
- Van Loo, F.J.J., Vrolijk, J.W.G.A., Bastin, G.F. Phase relations and diffusion paths in the Ti-Ni-Fe system at 900°C 1-39311
- Van Loon, H. *see* Baker, D.J., Jr. 1-13562
- Van Loon, R. *see* Afsar, M.N. 1-36679
- Van Luong Luu *see* Luu Van Luong
- Van Luyck, D. *see* Liebert, L. 1-46992
- van Maanen, H.R.E. Experimental study of coherent structures in the turbulent boundary layer of pipe flow using laser-Doppler anemometry 1-2120
- Van Maanen, H.R.E. *see* Sluman, T.J. 1-44230
- van Maanen, M.H., Olijhoek, J.F., Parlevliet, C. Increased anomalous low-temperature specific heat of vitreous silica due to helium or neon solutes 1-7352
- van Malddeghem, J. *see* Wenes, G. 1-41031
- van Megen, W., Snook, I. The grand canonical ensemble Monte Carlo method applied to the electrical double layer 1-26752
- Van Megen, W., Snook, I.K. 1-53485
- van Megen, W.J., Snook, I.K. Solvation forces in simple dense fluids. II. Effect of chemical potential 1-47137
- van Megen, W.J. *see* Gaylor, K.J. 1-21793
- Van Meirhaeghe, R.L. *see* Lafere, W.H. 1-7732
- Van Middelkoop, G. *see* Kalish, R. 1-16267
- van Middelkoop, G. *see* Rutten, A.J. 1-45801
- van Nagell, J.R., Jr. *see* Goldenberg, D.M. 1-4363
- van Neerven, W.L. *see* Humpert, B. 1-28297, 1-50312
- van Neerven, W.L. *see* Schellekens, A.N. 1-10255
- Van Ngoc, P., Boyer, D., Le Mouel, J.-L., Courtillot, V. Identification of a magma chamber in the Ghoubbet-Asal rift (Djibouti) from a magnetotelluric experiment 1-54044
- van Nie, A.G. A method of measuring mechanical stresses in passivation layers 1-48628
- van Nieuwenhuizen, P. Unitarity of supergravity and Z_2 or $Z_2 \times Z_2$ or $Z_2 \times Z_2$ gradings of gauge and ghost fields 1-5199
- van Nieuwenhuizen, P. *see* Castellani, L. 1-23089
- van Nieuwenhuizen, P. *see* Ferrara, S. 1-18127
- van Nieuwenhuizen, P. *see* Fung, M.K. 1-23092
- van Nieuwkoop, J. *see* Kattenberg, A. 1-4882
- Van Nooijen, B. *see* Lima, A.P. 1-41033
- van Noort, R., Black, M.M., Martin, T.R.P., Meanley, S. A study of the uniaxial mechanical properties of human dura mater preserved in glycerol 1-49026
- van Oeffelen, M.P.J. *see* Eijkman, E.G.J. 1-32126
- Van Ommen, A.H., De Miranda, J. A dilatometric study of vacancy mobility in the intermetallic compound CoGa 1-52133
- Van Ommen, A.H., Waegemackers, A.A.H.J., Moleman, A.C., Schlatter, H., Bakker, H. Vacancies in CoGa 1-25258
- van Ommering, G., Koehler, C.W., Briggs, D.C. Nickel-hydrogen batteries for INTELSAT V 1-48825
- van Oostvoort, F. National energy systems analysis and model development programmes. A LP network model of the Dutch energy sector 1-35624
- van Os, J.W.M. *see* van Dijk, P.A.S. 1-18267
- van Ouwerkerk, H.J., Tulp, J.H., Piceni, H.A.L., Roufs, J.A.J., Blommaert, F.J.J. Instabilities in a continuous medium model for the retina 1-39920
- Van Overmeeren, R.A. Tracing by gravity of a narrow buried graben structure, detected by seismic refraction, for ground-water investigations in North Chile 1-4407
- Van Overstraeten, R. *see* Degrauwe, J. 1-31377
- Van Overstraeten, R. *see* Frisson, L. 1-32011
- van Overstraeten, R. *see* Nijs, J. 1-39797
- Van Overstraeten, R.J. *see* Claeyss, C.L. 1-42400
- van Paradis, J., Verbunt, F., van der Linden, T., Pedersen, H., Wamsteker, W. Spectroscopic observations of the optical counterpart of Centaurus X-4 1-44670
- Van Paradis, J. *see* Basinska, E.M. 1-22926
- van Paradis, J. *see* Cominsky, L. 1-49855
- van Paradis, J. *see* Lewin, W.H.G. 1-9733
- Van Poelgeest, A., Bron, J., Hesselink, W.H.A., Allaart, K., Zalmsra, J.J.A., Uitzinger, M.J., Verheul, H. Neutron excitations in even mass Sn nuclei 1-10320
- Van Poelgeest, A. *see* Konijn, J. 1-41026
- van Proeyen, A. Gravitational divergences of the electromagnetic interactions of massive vector particles 1-10069
- Van Proeyen, A. *see* De Roo, M. 1-150
- van Puybroeck, W., Shoemaker, D. Electron-spin-resonance study of complex interstitial halogen H_2 -type defects in KCl doped with divalent cations 1-47946
- Van Ranst, E., Righi, D., De Coninck, F., Robin, A.M. Morphology, composition and genesis of argillans and organans in soils 1-49271
- van Resandt, R.W.W. Absolute quantum efficiencies of micro-channelplates for 8-28 keV electrons 1-384
- Van Resandt, R.W. Wijnnaendts *see* Wijnnaendts Van Resandt, R.W.
- Van Rheenen, A. *see* Bosman, G. 1-20836
- van Rijnsoever, J.W.M. *see* Balhassar, W. 1-43831
- Van Riper, K.A. Adiabatic stellar core collapse: propagation of the shock 1-17813
- Van Roey, J., Lagasse, P.E. Coupled wave analysis of obliquely incident waves in thin film gratings 1-41884
- Van Rooy, T.I. *see* Huijsers, A. 1-39222
- van Rosmalen, G.M., van der Leeden, M.C., Gouman, J. The growth kinetics of barium sulphate crystals in suspension: scale prevention. I 1-53078
- Van Rossom, M. *see* Bukshpan, S. 1-47987
- van Royen, E.W. *see* de Rooy, A. 1-3695
- Van Ruyven, J.J. *see* De Boer, F.W.N. 1-23667
- Van Ruyven, J.J. *see* Kalsbeek, A.W.B. 1-10321
- van Saarloos, W. *see* van Holten, J.W. 1-40644
- Van Sande, M., Van Landuyt, J., Avalos-Borja, M., Torres Villaseñor, G., Amelinckx, S. A reinvestigation of the γ phase in Cu-Al alloys: a new long-period superstructure 1-30015
- Van Sciver, S.W. Enthalpy stability criterion for magnets cooled with superfluid helium II 1-52699
- Van Sciver, S.W., Lee, R.L. Heat transfer to helium-II in cylindrical geometries 1-47322
- Van Sciver, W.J. *see* Emkey, W.L. 1-48163
- Van Sen Nguyen *see* Nguyen Van Sen
- Van Sickle, K. *see* Dome, G.J. 1-36088
- Van Silfhout, A. *see* Wieringa, P.E. 1-8095
- Van Speybroeck, L. *see* Forman, W. 1-54642
- van Sprang, H.A. *see* de Heer, F.J. 1-19197
- Van Sprang, H.A. *see* Verhaart, G.J. 1-10850
- van Staa, R. *see* Berger, C. 1-5636, 1-10209
- van Staa, R. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- van Stepele, R.P. *see* Feiner, L.F. 1-11861
- Van Steen, F., Vanhaelst, M., Matthys, P., Boesman, E., Schoemaker, D. Isotropic EPR spectra of vanadium in alkali chlorides 1-43004
- van Steenberghe, A. Optimization of a synchrotron radiation source 1-23887
- Van Steertegem, G., Gomes, W.P., Cardon, F. Exploratory investigation on the semiconductor properties of Li-doped CoO by electrochemical measurements 1-47742
- Van Stralen, S.J.D. *see* Sillen, C.W.M.P. 1-43677
- van Strien, A.J., van Kooten, J.F.C., Schmidt, J. Exciton dynamics: direct observation of k-k' scattering, in a one-dimensional triplet exciton system by electron spin echo spectroscopy 1-16469
- Van Stryland, E.W., Soileau, M.J., Smirl, A.L., Williams, W.E. Pulse-width and focal-volume dependence of laser-induced breakdown 1-53018
- Van Syn Chan, Kangropol, Yu.V., Kapustsik, A., Madeya, M., Oestink, G.M., El'kamkavi, A.A. Spin-flip in the $^{32}\text{S}(p,p'\gamma)^{32}\text{S}$ and $^{48}\text{Ti}(p,p'\gamma)^{48}\text{Ti}$ reactions 1-45418
- van 't Klooster, P., Muringer, M.J.P., Trappeniers, N.J. The effect of pressure on the velocity of sound in toluene up to 2600 bar 1-38471
- van 't Veer-Mennet, C., Faragiana, R., Burkhardt, C. UV photometry of Am stars 1-27512
- Van Tendeloo, G. The initial stages of ordering in alloys studied by electron diffraction and high resolution microscopy 1-15768
- van Thiel, M., Levatin, J. Jet formation experiments and computations with a Lagrange code 1-42078
- van Thiel, M. *see* Nellis, W.J. 1-38426
- Van Tol, M.W. *see* Robertson, J.M. 1-8241, 1-53001
- van Toorn, P. *see* Burge, R.E. 1-18338
- van Toorn, P. *see* Huizer, A.M.J. 1-10935
- van Tuinen, R.J. *see* Nishiyama, H. 1-40014
- Van Tuyle, G.J., Lee, J.C. Linearized transient analysis of nuclear steam generators 1-5831
- Van Tuyle, G.J. *see* Guppy, J.G. 1-50809
- Van Uiter, L.G. *see* Novak, P. 1-34876
- Van Vechten, D. *see* Soulen, R.J., Jr. 1-9982
- Van Vechten, J.A. A simple man's view of the thermochemistry of semiconductors 1-47260
- van Vechten, J.A., Ransom, C.M., Chappell, T.I. Contribution of dipole defects to DLTS spectrum 1-47544
- van Vechten, J.A. *see* Basson, J.H. 1-47090
- Van Veen, N.J.A., De Vries, M.S., Baller, T., De Vries, A.E. Photofragmentation of thallium halides 1-53436
- Van Veen, N.J.A. *see* De Vries, M.S. 1-6327, 1-10791
- Van Vleck, J.H. Reminiscences of my scientific rapport with R.S. Mulliken 1-13986
- Van Vliet, K.M., Marshak, A.H. The effective density of states in the conduction and valence bands for arbitrary band structure 1-12009
- Van Vliet, K.M. *see* Charbonneau, M. 1-12085
- Van Vliet, K.M. *see* Marshak, A.H. 1-12185
- van Vliet, W.P.A. *see* van As, H. 1-26882
- Van Voorthuysen, E.H. Du Marchie *see* Du Marchie Van Voorthuysen, E.H.
- Van Vucht, J.H.N. *see* Buschow, K.H.J. 1-20130
- van Vucht, R.J.M. *see* Ribot, J.H.J.M. 1-42743
- Van Vuuren, P., Lee, J. The serial data link as a process chromatograph-process control computer interface 1-31967
- Van Wassenhove, G. *see* Defrance, P. 1-29120
- van Weelden, H. Photorecovery in human skin 1-35842
- Van Weert, C.G. *see* Teitelboim, C. 1-9850
- Van Wees, H.J.A. *see* Kobussen, A.G.C. 1-16361
- Van Werden, K. *see* Holland-Moritz, K. 1-34245
- van Wieringen, J.S. Prospects for solar energy for providing low temperature heat 1-39815
- van Wieringen, J.S. *see* Straatman, J.T.H. 1-35706
- van Wijk, M.C. Moire Contourgraph—an accuracy analysis 1-43555
- van Wijk van Bravingh, R.P., Heethaar, R.M., van der Werf, T. Determination of coronary artery diameter and contrast medium concentration from angiograms—possibilities and limitations 1-53874
- van Willigen, H. Proton ENDOR on $\text{VO}(\text{H}_2\text{O})_5^{2+}$ in solid solution 1-3293
- van Willigenburg, J.J. *see* Jacobs, L.J.M. 1-26865
- van Wingerden, B., Wagenaar, R.W., de Heer, F.J. Total cross sections for electron scattering by molecular hydrogen 1-1367
- Van Winkel, A. *see* Bakker, H. 1-20193
- van Woerden, H. *see* Bosma, A. 1-9683
- van Woerden, H. *see* de Bruyn, A.G. 1-54585

- Van Wormer, J.D., Ryall, A.S. Sierra Nevada-Great Basin boundary zone: earthquake hazard related to structure, active tectonic processes, and anomalous patterns of earthquake occurrence 1-49216
- Van Wormer, J.D. *see* Ryall, A.S. 1-49217
- Van Wormer, J.D. *see* Somerville, M.R. 1-49215
- Van Wulfften Palthe, D.W. *see* Berkhout, A.J. 1-4442
- van Wyk, G.N., Smith, H.J. The influence of ion bombardment induced preferential orientation on the sputtering behaviour of Cu 1-8184
- Van Wyk Kotze, T.J. *see* De Graaf, A.S. 1-48988
- van Zwol, N.A. *see* Rutten, A.J. 1-45801
- van Zwol, N.A. *see* Vermeer, A. 1-10568
- Van Zyl, B., Dunn, G.H., Chamberlain, G., Heddie, D.W.O. Benchmark cross sections for electron-impact excitation of n'S levels of He 1-15016
- van Zyl, B., Le, T.Q., Amme, R.C. Charged-particle production in low-energy H+H₂ and H+He collisions 1-37302
- Van Zyl, B., Neumann, H. H₂ and H₃ emission cross sections for low-energy H and H⁺ collisions with N₂ and O₂ 1-37146
- Van Zytveld, J.B. Electrical resistivities of liquid transition metals 1-30703
- Van-Catledge, F.A. *see* Boerth, D.W. 1-14807
- Vana, N., Eder, S., Unfried, E., Aiginger, H. Influence of the Mn-dopant on the TLD-system CaF₂:Dy (TLD-200) 1-3512
- Vana, N.J. *see* Wachter, W. 1-3510
- Vanadamme, L.K.J., Brugman, J.C. Conduction mechanisms in ZnO varistors 1-2972
- Vanarsdale, W.E. *see* Dashner, P.A. 1-37974, 1-37975
- Vance, D.L. *see* Krider, E.P. 1-44302
- Vance, E.R., Efstathiou, L., Hsu, F.H. X-ray and positron annihilation studies of radiation damage in natural zircons 1-52175
- Vance, E.R. *see* Hsu, F.H. 1-16624
- Vance, E.R. *see* Mallard, W.C. 1-3530
- Vance, E.R. *see* Spooner, S. 1-53184
- Vancea, J. *see* Fischer, G. 1-38868
- Vancu, A. *see* Grigorovici, R. 1-330
- Vandalen, G. *see* Hanna, D. 1-41015
- Vandeginste, B.G.M. Digital simulation of the effect of dispatching rules on the performance of a routine laboratory for structural analysis 1-48759
- Vandelli-Massa, T. *see* Deninno, M.M. 1-50440
- Vanden Bergh, G. *see* Paar, V. 1-23538
- Vanden Bout, P. *see* Treves, A. 1-49720
- Vanden-Broeck, J.-M. Numerical calculation of gravity-capillary interfacial waves of finite amplitude 1-2008
- Vanden-Broeck, J.-M. Nonlinear gravity-capillary stern waves 1-11415
- Vanden-Broeck, J.-M. Two-dimensional drops in slow viscous flow 1-37999
- Vanden-Broeck, J.-M., Keller, J.B. Bubble or drop distortion in a straining flow in two dimensions 1-2068
- Vanden-Broeck, J.-M., Keller, J.B. Deformation of a bubble or drop in a uniform flow 1-37996
- Vandenberg, F., Cross, D.G. Variable side look concept for radar mapping of planetary surfaces 1-22693
- Vandenberg, J.M., Barz, H. The crystal structure of a new ternary silicide in the system rare-earth-ruthenium-silicon 1-20160
- Vandenborre, H., Baetsle, L.H., Hebel, W., Leyens, R., Nackaerts, H., Spaepen, G. Development and parametric testing of alkaline water electrolysis cells for hydrogen production based on inorganic-membrane-electrolyte technology 1-39844
- Vandenborre, M.T., Husson, E., Brusset, H., Cerez, A. Vibrational spectra and force field calculations of antimonates with the 'PbSb₂O₆' type structure 1-31152
- Vandenbosch, R., Lazzarini, A.J. Angular-momentum-dependent level density limitation to fusion 1-45561
- Vandenbosch, R., Lock, D.-K., Lazzarini, A.J., Lesko, K., Metag, V. Nonresonant behavior of the yield of the ²⁸Si 2⁺ (E_γ=1.78 MeV) state via the ¹²C+²⁸Si reaction 1-33240
- Vandenbosch, R. *see* Dyer, P. 1-5686
- Vandenkerckhove, A.J. Reflections on the economics of the European space programme 1-48983
- Vandenplas, P.E. *see* Schweicher, E. 1-46868, 1-46869
- Vandensteendam, C., Piekarski, S. Excess properties of cyclohexane+ether mixtures 1-30437
- Vander Arend, P. *see* Doll, D.W. 1-6018
- Vander Arend, P.C. *see* Niemann, R.C. 1-48882
- Vander Arend, P.C. *see* Turner, R.R. 1-48883
- Vander Plas, H.A. *see* Saxena, R.R. 1-8706
- Vander Velde, J.C. Properties of hadrons produced by neutrinos in hydrogen 1-45267
- Vanderberg, V. *see* Allen, T.W. 1-50860
- Vanderbilt, D., Ioannopoulos, J.D. Theory of defect states in glassy selenium 1-12066
- Vanderbilt, D., Ioannopoulos, J.D. Theory of defect states in glassy As₂Se₃ 1-52525
- Vanderbilt, D., Mele, E.J. Effects of disorder on the electronic structure of undoped polycetylene 1-20610
- Vanderby, R. *see* Koenig, H.A. 1-49053
- Vanderchmitt, A. *see* Corbin, O. 1-18848
- Vandergeest, P., Fahidy, T.Z. A theoretical study of the modelling and control of a solar water electrolysis plant 1-8774
- Vanderglas, M.L. *see* Mukherjee, B. 1-31636
- Vandergraff, T.T., Sampson, D.R.M. Radionuclide sorption on drill core material from the Canadian Shield 1-45642
- Vanderhaeghe, G. *see* Adamovich, M.I. 1-45317
- Vanderhaeghe, G. *see* Fiorino, A. 1-50583
- Vanderhagen, R. *see* Badier, J. 1-10218
- Vanderhagen, R. *see* Badier, J. 1-10582, 1-14430
- Vanderhoff, J., Irving, B., King, C., Wientzen, R. Computational techniques for raytracing and tolerancing solar collectors 1-46520
- Vanderlinde, J. *see* Sastry, K.V.L.N. 1-24189
- Vanderloop, J.P. *see* Taylor, P.R. 1-2644
- Vandermulen, J. *see* Cugnon, J. 1-50614
- Vandermiest, C. A fiber-optics dissector for spectroscopy of nebulosities around quasars and similar objects 1-49524
- Vandersande, J.W. Phonon scattering by nitrogen aggregates in intermediate type natural diamonds 1-20337
- Vandersande, J.W., Pohl, R.O. Simple apparatus for the measurement of thermal diffusivity between 80-500K using the modified Angstrom method 1-36655
- Vanderschaeve, G., Escail, B. Plastic deformation of long period ordered alloys 1-12834
- Vanderschans, M. *see* Shukla, R.C. 1-34683
- Vanderschuuren, J., Linkens, A., Gasiot, J., Fillard, J.P., Parot, P. Simulation of field-induced thermally stimulated currents in dielectrics. Application to the dipolar case in polymeric systems 1-21116
- Vanderveldt, H.H. *see* Gudas, J.P. 1-48642
- Vandervoort, P.O. The equilibrium of a galactic bar 1-9651
- Vandervoort, P.O. The nonaxisymmetric configurations of uniformly rotating polycyclic configurations 1-36385
- Vanderwyck, A.H.B. *see* Chu, M. 1-3080
- VanDevender, J.P. *see* Johnson, D.L. 1-28753
- VanDevender, J.P. *see* Martin, T.H. 1-28752
- Vandevyver, M. *see* Talwar, D.N. 1-48085, 1-48124
- Vandeweghe, J., Lagasse, P.E. Analysis of SAW distributed feedback resonators 1-51680
- Vandorpe, M. *see* Lasjaunas, J.C. 1-16059
- Vane, C.R., Prior, M.H., Marrus, R. Electron capture by Ne¹⁰⁺ trapped at very low energies 1-33555
- Vane, C.R. *see* Breinig, M. 1-29113
- Vanecek, D.J. *see* Janz, R.D. 1-8530
- Vanem, R. *see* Aarik, Y. 1-25800
- Vanfleter, H.B. *see* Decker, D.L. 1-30485
- Vangelisti, R. *see* Hy Hau, N. 1-47584
- Vangelisti, R. *see* Kuhnast, F.A. 1-52073
- Vangengeim, S.D. *see* Bar'yakhtar, V.G. 1-47044
- Vangioni-Flam, E., Lequeux, J., Maucheraut, Joubert, M., Rocca-Volmerange, B. Ultraviolet studies of the Magellanic Clouds. II. Internal extinction, formation of massive stars, comparison with other galaxies 1-13849
- Vangioni-Flam, E. *see* Audouze, J. 1-22641
- Vangriesheim, A. Antarctic bottom water flow through the Vema fracture zone 1-17613
- Vanha-Honko, V. The temperature dependence of the gas gain in sealed proportional counters 1-14751
- Vanha-Honko, V. *see* Sipilä, H. 1-14767
- Vanhaelst, M. *see* Van Steen, F. 1-43004
- Vanhellemont, G., Aerts, L. Fabrication of nuclear ceramics for fast breeder reactor fuels 1-14637
- Vanherzeele, H., Van Eck, J.L. Pulse compression by intracavity degenerate four-wave mixing 1-46439
- Vanhomwegen, G. *see* De Clercq, C. 1-28346
- VanHoosier, M.E. *see* Cook, J.W. 1-36238
- Vanhouthe, J.J. *see* Chu, W.-K. 1-53908
- Vanhoj, J. *see* Dombek, T. 1-23948
- Vanhuysse, V.J. *see* Decraemer, W.F. 1-4311
- Vanicek, P., Castle, R.O., Balazs, E.I. Geodetic leveling and its applications 1-13617
- Vanicek, P., Nagy, D. On the compilation of the map of contemporary vertical crustal movements in Europe 1-49255
- Vanier, J. *see* Risley, A. 1-5288, 1-18197
- Vanin, A.I. Density profile and correlation functions of particle number density and polarization density near a plane interface 1-53480
- Vaninbrouck, R. *see* Paulsen, A. 1-23654
- Vanitskaya, G.A. *see* Sergeev, V.L. 1-19716
- Vanka, S.P., Chen, B.C.-J., Sha, W.T. A semi-implicit calculation procedure for flows described in boundary-fitted coordinate systems 1-1907
- Vanka, S.P. *see* Chen, B.C.-J. 1-23725
- Vanka, S.P. *see* Prapat *see* Prapat Vanka, S.
- Vankar, V.D. *see* Akhtar, D. 1-21418
- Vanklecom, J., Jadot, P. Development of computerized data bases and matrix generators for energy models 1-39720
- Vankko, J. *see* Joo, I. 1-54057
- Van'kov, A.A. *see* Voropaev, A.I. 1-23739
- Vankov, I.D. *see* Ganey, G.S. 1-14775
- Vanmarcke, E.H., Shih-Sheng P. Lai Strong-motion duration and RMS amplitude of earthquake records 1-32361
- Vannay, L. One possible method of the automatization of growing crystals by evaporation 1-31324
- Vannerberg, N.G. *see* Johansson, L.-G. 1-15846
- Vanni, M. *see* Federici, L. 1-29240
- Vanni, R. *see* Castellini, G. 1-1780
- Vanni, R. *see* Consortini, A. 1-6466
- Vannice, M.A. *see* Moreno-Castilla, C. 1-35196
- Vannier, M.W. *see* Othmer, E. 1-53923
- Vannikov, A.V. *see* Gilel's, A.M. 1-24374
- Vannimenus, J. *see* Derrida, B. 1-189
- Vannimenus, J. *see* Toulouse, G. 1-30965
- Vannini, C. *see* Antreasyan, D. 1-10287
- Vannini, C. *see* Attisani, A. 1-22377
- Vannini, G. *see* Bruno, M. 1-711, 1-23666, 1-28491
- Vannucci, F. High-energy muon-pair production and the Drell-Yan model 1-36884
- Vannucci, F. *see* Antreasyan, D. 1-10287
- Vannucci, F. *see* Barber, D. 1-14407
- Vannucci, F. *see* Barber, D.P. 1-534, 1-28309
- Vannucci, G., Teich, M.C. Dead-time-modified photocount mean and variance for chaotic radiation 1-51426
- Vano, E. *see* Gonzalez, L. 1-18349
- Vanol, F. *see* Armenante, M. 1-5432
- Vanol, R. *see* Mastrullo, R. 1-8671
- Vanorden, N. *see* Andersen, T.N. 1-8476
- Vanpeperstraete, P. *see* Decraemer, W.F. 1-4311
- Vanquickenborne, I.G., Ceulemans, A. On the evaluation of matrix elements of symmetry operators in a determinantal basis 1-14787
- Vansant, E.F. *see* Nullens, H. 1-47980
- VanSant, J.H., Russ, R.M. Thermal control for the MFTF magnet 1-45737
- Vanska, R., Rieppel, R. The experimental isomeric cross-section ratio in the nuclear activation technique 1-45504
- Vansteenkiste, T.H., Faxvog, F.R., Roessler, D.M. Photoacoustic measurement of carbon monoxide using a semiconductor diode laser 1-50240
- Van't Klooster, P. *see* Biswas, S.N. 1-52215
- Van't Veer, C. *see* Burkhart, C. 1-27513
- Van't Veer, F. *see* Bergeat, J. 1-44590, 1-54551
- van't Verlaet, P.M. *see* Unal, H.C. 1-37995
- Vanugopal Reddy, P., Seshagiri Rao, T. X-ray studies on lithium-nickel and manganese-magnesium mixed ferrites 1-30181
- Vanvari, N.B. A study of magneto-conductivity of plasmas 1-34082
- Vany, A.S. *see* De Vany, A.S.
- Vanyan, L.L. The electrical conductivity of the Moon 1-22698
- Vanyashin, A.V., Nikitin, Yu.P. B₂-phenomenology with even product trajectories 1-18457
- Vanyashin, V.S., Reznikov, Yu.Yu., Skalozub, V.V. The mass operator of a vector boson in a magnetic field. Is there a tachyon in gauge theories? 1-50333
- Vanyukhin, G.N. *see* Udalova, L.V. 1-8259
- Vanyukov, A.V. *see* Krotov, I.I. 1-7312
- Vanyukov, A.V. *see* Saburova, T.N. 1-11746
- Vanyukov, A.V. *see* Solov'ev, S.L. 1-17091
- Vanyukov, A.V. *see* Tokmakov, V.V. 1-7395
- Vanyushin, I.A. *see* Beketov, G.V. 1-23513
- Vanyushin, I.A. *see* Bilinov, A.V. 1-23665
- Vanzani, V. *see* Cattapan, G. 1-5705, 1-18069
- Vanzi, M. Electron interferometry with a Siemens Elmiskop 102 for measuring electromagnetic microfields 1-36772
- Vapillon, L. *see* Lecacheux, J. 1-4819
- Varadachari, V.V.R. *see* Murty, C.S. 1-17578, 1-17579, 1-54067
- Varadachari, V.V.R. *see* Somayajulu, Y.K. 1-54110
- Varadan, V.K. *see* Engin, A.E. 1-49084
- Varadan, V.K. *see* Flax, L. 1-29428
- Varadan, V.V. *see* Engin, A.E. 1-49084
- Varadan, V.V. *see* Flax, L. 1-29428
- Varadarajan, R. *see* Sabesan, R. 1-21115
- Varadarajan, V.M. *see* Raghavan, S. 1-22437
- Varadi, V. *see* Aksan, S.N. 1-50819
- Varakin, P.I. *see* Korovina, V.M. 1-3798
- Varakin, V.N., Panchenko, V.A. Theory of the kinetic cooling of a CO₂-N₂ mixture with a high CO₂ content 1-46849
- Varakin, V.N. *see* Akhmanov, S.A. 1-33760
- Varanasi, P. Comment on the intensity and the temperature dependence of the nitrogen-broadened half-width of the P(6) line in the CO fundamental 1-33508
- Varandas, A.J.C., Tennyson, J. On the isotropic and leading anisotropic terms of the H-H₂ potential energy surface 1-28898
- Varandas, C.A.F. *see* Cabral, J.A.C. 1-2202
- Varanitskii, V.I. *see* Levitskii, P.P. 1-31088
- Varanitskii, V.I. *see* Levitskii, R.R. 1-34983
- Varapaev, V.N. *see* Abramov, N.N. 1-19696
- Varapetyan, R.P. *see* Dargaryan, A.A. 1-25382
- Vardelle, R.P. *see* Gardilhan, R.S. 1-25381
- Vardelle, A., Baronnet, J.M., Vardelle, M., Fauchais, P. Measurements of the plasma and condensed particles parameters in a DC plasma jet 1-34123

- Vardelle, A., Vardelle, M., Baronnet, J.M., Fau-chais, P. Velocity and temperature measure-ments of powder with narrow particle size range in a DC plasma jet 1-48255
- Vardelle, M. see Vardelle, A. 1-34123, 1-48255
- Vardenga, G. see Bartke, E. 1-5664
- Vardenga, G.L. see Aksinenko, V.D. 1-18662
- Vardi, J. see Byer, T. 1-53525
- Vardya, M.S. Empirically oriented approach to spectral classification 1-54484
- Varea, C., Valderrama, A., Robledo, A. Rigorous interface properties for the van der Waals fluid mixture 1-38220
- Varekamp, J.C. see Wesink, H. 1-22221
- Varela, D.W. High-temperature magnesium oxide interactions with UO_2 1-10479
- Varelas, C. see Kreusser, S. 1-38417
- Varenko, E.S. see Manyuk, V.L. 1-39518, 1-43551
- Varentsov, V.V. see Verigin, A.N. 1-7106
- Varet, J. see Barberi, F. 1-13425
- Varet, M. see Nicotlet, M. 1-44356
- Varetti, E.L. see Della Vedova, C.O. 1-31145
- Varfolomeev, I.M. see Gortyshev, Yu.F. 1-18220
- Varfolomeev, M.B. see Matveeva, R.G. 1-42361
- Varfolomeev, V.L. see Budnikov, V.N. 1-24938
- Varga, Zs., Gyemant, I., Benedict, M.G. Electron scattering cross section of CH_4 : a multiple scattering calculation 1-6383
- Vargas, C.A., Minzoni, A., Singh, S.K. Far-field displacements from a rectangular fault with two rupture velocities 1-9109
- Vargas, C.W. Soto see Soto Vargas, C.W.
- Vargas, J.R., Ulion, N.E., Goebel, J.A. Advanced coating development for industrial/utility gas turbine engines 1-31760
- Varghese, J.N. see Chandler, G.S. 1-1067
- Varghese, P.L., Hanson, R.K. Tunable infrared diode laser measurements of line strengths and collision widths of $^{12}\text{C}^{18}\text{O}$ at room temperature 1-10785
- Vargin, A.N., Gogokhiya, V.V., Konyukhov, V.K., Koval', A.K., Lukovnikov, A.I., Pasyukova, L.M. Experimental determination of the relaxation channels of vibrationally excited CO_2 molecules 1-33498
- Vargova, E. Analytical continuation of the four-vector of magnetic potentials into the interior of a magnetized body 1-53971
- Varhanicek, J. see Fremunt, P. 1-48632
- Varidov, V.N., Panov, A.A., Kochetygov, V.M., Tripoten, I.G. New developments in 500 kV gas insulated cables 1-15713
- Variyar, M., Khare, M.L., Bhatnagar, C.S. Thermally activated depolarization and polarization induced conductivity in Perspex electrets 1-39027
- Varjoranta, T., Hirvonen, J., Anttila, A. Measuring the wear of nitrogen-implanted steel 1-35402
- Varju, D. see Kemmerling, S. 1-49024
- Varke, C.J. 'Electrical microscopy' of test parameter inhomogeneities resulting from microdefects in processed silicon wafers 1-25795
- Varkey, M.J. see Ramesh Babu, V. 1-54109
- Varlamov, A.S. Use of gravitational scattering in petroleum geology 1-13612
- Varlamov, V.V., Ishkhanov, B.S., Nadochii, B.A., Piskarev, I.M., Rakiin, S.P. Injector for a beam based on an impregnated cathode 1-37021
- Varlamova, L.M. see Andryushenko, E.D. 1-8217
- Varley, R.L. A nonequilibrium analog of the Percus-Yevick equation 1-42277
- Varley, R.L. see Dickman, R. 1-51913
- Varma, A. see Huang, D.T.-J. 1-39672
- Varma, C.M., Wilson, A.J. Systematics of the binding energy of oxygen and hydrogen on transition-metal surfaces. I 1-20565
- Varma, C.M. see Andreoni, W. 1-42635
- Varma, C.M. see Blount, E.I. 1-7770
- Varma, C.M. see Greenside, H.S. 1-34824
- Varma, C.M. see Schluter, M. 1-48721
- Varma, C.M. see Simons, A.L. 1-52503
- Varma, C.M. see Wilson, A.J. 1-20566
- Varma, K.K., Kesava Das, V., Gouveia, A.D. Thermodynamic structure and watermasses in the northern Arabian Sea during February-April 1-54111
- Varma, K.K. see Kesava Das, V. 1-54112
- Varma, M.N., Baum, J.W. Energy deposition in nanometer regions by 377 MeV/nucleon ^{20}Ne ions [in tissue] 1-22059
- Varma, R.K., Rao, N.N. Theory of sonic-Langmuir solitons 1-11543
- Varma, R.K., Tipler, H.R. The effect of austenitizing treatments on the microstructure and creep properties of commercial and high-purity $1/2\text{Cr}-1/2\text{Mo}-1/2\text{V}$ steels 1-8357
- Varma, R.K. see Tipler, H.J. 1-39401
- Varma, S.C. see Kumar, V. 1-5806, 1-33207
- Varma, S.K. see Meyers, M.A. 1-12819
- Varneck, V.A. Effective-thickness determination for a $\text{Ba}^{135m}\text{SnO}_3$ source 1-36777
- Varnell, D.F. see Coleman, M.M. 1-16563
- Varner, J.R. see Wysocki, J.A. 1-29393
- Varnes, A.W. see Vigier, M.S. 1-13047
- Varodin, V., Ionescu, G., Stefanescu, F., Ciobotaru, S. On the application of blasting cord in seismic prospecting activity in Rumania 1-40077
- Varoglu, E., Finn, W.D.L. Space-time finite elements incorporating characteristics for the Burgers' equation 1-11372
- Varoquaux, E. see Avenel, O. 1-25520
- Varotsos, P. On the temperature and pressure variation of the static dielectric constant in alkaline earth fluorides 1-3314
- Varotsos, P. On the elastic constants of Pd and PdH alloys 1-7233
- Varotsos, P., Alexopoulos, K. On the connection between the specific heat of a Schottky defect and the curvature observed in the Arrhenius plots in ionic materials 1-2650
- Varotsos, P., Alexopoulos, K. Calculation of diffusion coefficients at any temperature and pressure from a single measurement. I. Self diffusion 1-11898
- Varotsos, P., Alexopoulos, K. Determination of the compressibility of an alloy from its density 1-25359
- Varotsos, P., Alexopoulos, K. On the coefficient of thermal expansion associated to Cd impurities and vacancies in AgBr 1-25471
- Varotsos, P., Alexopoulos, K. Prediction of the compressibility of mixed alkali halides 1-30296
- Varracchio, E. Fiocelli see Fiocelli Varracchio, E.
- Varret, F. see Emery, J. 1-7981
- Varro, S. see Bergou, J. 1-6439, 1-15060
- Varschavsky, G.A., Schnake, F.W. The role of constitutional undercooling in the planar growth of Al-rich Cu-Si alloys 1-3718
- Varshal, B.G., Denisov, V.N., Mavrin, B.N., Podobedov, V.B., Sterin, K.H. Hyper-Raman scattering spectra of the glass systems $\text{TiO}_2\text{-SiO}_2$, $\text{Na}_2\text{O-SiO}_2$, and $\text{Na}_2\text{O-TiO}_2\text{-SiO}_2$ 1-52950
- Varshal, B.G. see Bondarev, K.T. 1-48337
- Varshalovich, D.A., Chorny, G.F. Determination of magnetic field direction in a Comet's head 1-44498
- Varshalovich, D.A., Khersonskii, V.K. Relationship between the radial Coulomb integrals and the angular-momentum technique 1-23572
- Varshalovich, D.A. see Bakulina, I.N. 1-13844
- Varshalovich, D.A. see Khersonskii, V.K. 1-44529
- Varshava, S.S., Vainberg, V.V. Low-temperature contacts to gallium arsenide 1-47744
- Varshava, S.S. see Bol'shakova, I.A. 1-50178
- Varshavskaya, I.G. see Fedoseev, D.V. 1-43662
- Varshavskii, I.I. Influence of striction and thermal effects during plasma disturbance by a strong radio wave 1-4677
- Varshneya, D., Shirron, S.F., Litovitz, T.A., Zoppi, M., Barocchi, F. Collision-induced light scattering: integrated intensity of argon 1-24925
- Varshneya, N.C. see Mathpal, K.C. 1-13551
- Varshni, Y.P. Chance coincidences and the so-called red shift systems in the absorption spectrum of PKS 0237-23 1-40572
- Varshni, Y.P. see Kesarwani, R.N. 1-45848
- Vartanian, R. see Mark, T.D. 1-44307
- Vartanian, V.A. see Abrahamov, E.O. 1-722
- Vartanyan, E.S. see Agamalyan, N.R. 1-21241
- Vartanyan, G.S. see Frolov, A.M. 1-28771
- Vartanyan, G.S. see Maishev, V.A. 1-25348
- Vartanyan, R.S. see Sarkisyan, A.G. 1-39655
- Vartanyan, Yu.L., Ovakimova, N.K. Superdense nuclei in degenerate nuclear plasma 1-44563
- Vartanyan, Yu.L. see Adzhyan, G.S. 1-37320
- Vartapetyan, G.A., Piliposyan, S.E. Measurement of the asymmetry of the cross section of η^0 production with polarized photons and η^0 photoproduction models in the energy range $E_\gamma=1-2$ GeV 1-36871
- Vartapetyan, G.A. see Arustamyan, G.V. 1-18641
- Vartapetyan, G.A. see Frolov, A.M. 1-28771
- Varyukhin, V.A. see Kutyreva, V.V. 1-16694
- Vasanelli, L. see Bacci, C. 1-53856
- Vasanelli, L. see Ascoli, C. 1-29374
- Vascon, M. see Zanella, G. 1-32955
- Vasconcellos, A.R., Luzzi, R. Coupled electron-hole plasma-phonon system in far-from-equilibrium semiconductors 1-34733
- Vasconcellos, A.R. see Luzzi, R. 1-36594
- Vasconcellos, E.C.C., Petersen, F.R., Evenson, K.M. A new efficient CW FIR laser obtained by optically pumping CD_2F_2 1-51463
- Vascotto, A. see Fidecaro, G. 1-591
- Vasetskaya, N.G., Iselovich, V.A., Pilipenko, V.N. Mechanical degradation of polymer molecules in turbulent flow 1-29730
- Vasetskii, Yu.M., Emets, Yu.P. Properties of electric fields in inhomogeneous conducting media located in a strong external magnetic field 1-16268
- Vashakmadze, T.S. On applications of a variational-difference method to the solution of some shell theory problems 1-6780
- Vashchenko, A.N. see Yarema, S.Ya. 1-53286
- Vashchilov, Yu.Ya. The problem of potential-field regularity at infinity and its role in the interpretation of magnetic and gravity anomalies 1-9069
- Vashchilov, Yu.Ya., Vorob'ev, I.V., Naumenko-Bondarenko, I.I. Interpretation of gravity anomalies of the Yenisei Range and adjacent regions based on a block-layered model of the lithosphere 1-53957
- Vashchilov, Yu.Ya. see Shilo, N.A. 1-22189
- Vashchuk, V.I., Gorot', K.F., Kozak, G.Yu., Malykhina, N.N., Tikhonov, E.A. Lasing efficiency and tuning range of lasers with dynamic distributed feedback 1-51475
- Vashchuk, V.P. see Belyi, M.U. 1-43180
- Vashenyuk, E.V., Shumilov, O.I. Relationship between low-energy solar cosmic rays and the development of equatorial annular current 1-36103
- Vashunina, A.I. see Kotov, I.I. 1-31624
- Vasi, C. see Fontana, M. 1-8064
- Vasi, J. see Manchanda, L. 1-7745, 1-30758
- Vasichev, B.N. see Abramov, G.L. 1-399
- Vasilach, S., De Bruco, D. Continuity characteristics of the composition product in tensor products in locally convex spaces. I. Inductive tensor products case 1-44760
- Vasil'chenko, E.A., Lushchik, A.Ch., Lushchik, N.E., Lushchik, Ch.B. Decay of excitons into defects in RbBr 1-12038
- Vasil'chenko, E.A. see Lushchik, Ch.B. 1-20637
- Vasilenko, A.Yu. see Belikov, A.M. 1-12736
- Vasilenko, I.I., Melekhev, R.K., Lebedeva, N.G., Koval', M.V. Corrosion cracking of AT3, AT6, and VT14 titanium alloys 1-53350
- Vasilenko, L.S. see Belyaev, M.V. 1-33774
- Vasilenko, N.V., Trivailo, P.M. Vibrations of thin-walled rods with open profile of material with nonlinear hysteresis 1-1876
- Vasilenko, T.L. see Landau, A.I. 1-21522
- Vasilets, O., Blonski, V., Pozela, J., Repas, K. Avalanche-breakdown-induced space-charge oscillations in homogeneous semiconductor 1-16291
- Vasil'ev, A.A. see Mel'ker, A.I. 1-47078
- Vasil'ev, A.D. see Bazhenova, L.G. 1-35380
- Vasil'ev, A.I., Karzhavin, Yu.A., Moseiko, N.I. Unit for data transmission along two-lead line in CAMAC standard 1-40762
- Vasil'ev, A.I. see Lisenenko, A.A. 1-42318
- Vasil'ev, A.N. see Blank, A.Ya. 1-25712
- Vasil'ev, A.V. see Arkhangel'skaya, V.A. 1-26248
- Vasil'ev, B.I., Dyad'kin, A.P., Sukhanov, A.N. Dissociation of uranium hexafluoride at a composite frequency by NH_3 laser radiation 1-33523
- Vasil'ev, B.V., Kolycheva, E.V. Magnetocardiograph 1-43933
- Vasil'ev, L.A. see Artem'ev, A.Yu. 1-46311
- Vasil'ev, L.A. see Baceev, A.A. 1-29895
- Vasil'ev, L.A. see Balygin, A.K. 1-53019
- Vasil'ev, L.E. see Bozhkov, V.M. 1-51800
- Vasil'ev, M.A. 'Gauge' form of the description of massless fields with arbitrary spin 1-5508
- Vasil'ev, M.A., Goncharenko, A.B., Chenakin, S.P., Cherepin, V.T. Mechanism of effect of inert gas primary ion nature on sputtered atom ionization probability 1-3555
- Vasil'ev, M.A., Goncharenko, A.B., Chenakin, S.P., Cherepin, V.T. Secondary ion emission kinetic characteristics 1-8178
- Vasil'ev, M.A., Goncharenko, A.B., Chenakin, S.P., Cherepin, V.T. Adsorption of metal surface capacity after ion bombardment 1-35138
- Vasil'ev, M.A. see Borisova, A.L. 1-12774
- Vasil'ev, M.P. see Begak, O.Yu. 1-50230
- Vasil'ev, M.P. see Petviashvili, V.I. 1-6971
- Vasil'ev, N.N. see Agekyan, V.F. 1-42695
- Vasil'ev, N.N. see Volod'ko, L.V. 1-12573
- Vasil'ev, N.V. see Pastukhova, Zh.P. 1-3805
- Vasil'ev, P.E., Kazantsev, V.F., Savitskas, I.A. Sectional radial-mode piezoelectric transducer 1-37755
- Vasil'ev, S.I. see Braginskii, V.B. 1-52321
- Vasil'ev, S.S. see Avchukhov, V.D. 1-45386
- Vasilev, S.V. see Geramenko, N.N. 1-38413
- Vasilev, V.A., Dergachev, V.A. Multichannel scintillation arrangement for investigating cosmic-ray variation on the basis of cosmogenic radio-carbon 1-36188
- Vasil'ev, V.A., Mariengof, I.B. Device for measuring parameters of random processes 1-18203
- Vasil'ev, V.F. see Belogurov, V.N. 1-41281
- Vasil'ev, V.G., Shuliatikova, L.G., Tymonyuk, M.I., Shishkov, N.V., Kozlova, N.M., Zhmak, V.A. Preparation and physicochemical properties of lithium aluminate, titanate, niobate, silicates, and oxide 1-43301
- Vasil'ev, V.I. see Andrianov, A.M. 1-33020
- Vasil'ev, V.K. see Gorskikh, O.N. 1-1355
- Vasil'ev, V.N. see Avdeevskii, V.S. 1-9396
- Vasil'ev, V.N. see Gorbachev, V.I. 1-35485
- Vasil'ev, V.V., Milyutin, G.V., Moskalev, V.A., Furman, E.G. Correction of equilibrium orbit in betatron with superposed magnetization 1-18933
- Vasil'ev, V.V. see Filin, V.A. 1-22157
- Vasil'ev, V.Z. Axisymmetric deformation of a half-space with an elastically reinforced cylindrical cavity 1-24684
- Vasil'ev, Ye.N. see Belostotskiy, V.V. 1-11599
- Vasil'ev, Yu.S., Kotyuk, A.F., Stepanov, B.M., Khaikin, N.Sh., Chernoyarskii, A.A. Reproduction of the pulsed laser radiation unit energy [using reference calorimeters] 1-5272

- Vasil'ev, Yu.S. *see* Elagin, A.Yu. 1-5274
- Vasil'eva, A.I. *see* Tulyakova, M.N. 1-1738
- Vasil'eva, A.N., Grishina, I.A., Kovalev, A.S., Kitirov, V.I., Rakhimov, A.T., Rozanov, S.B. Externally sustained RF discharge in a gas 1-42247
- Vasil'eva, E.M. *see* Zaslavskii, R.N. 1-31674
- Vasil'eva, E.V. *see* Alifimov, V.P. 1-36951
- Vasil'eva, E.V. *see* Prokoshkin, D.A. 1-53359
- Vasil'eva, I.G., Sokolov, V.V., Mironov, K.E., Kamazur, A.A. Phase diagram of the Dy-S system at 50-60 at.% sulfur 1-48335
- Vasil'eva, L.M. *see* Kadomtseva, A.M. 1-52768
- Vasil'eva, M.P. *see* Bazakutsa, V.A. 1-11925
- Vasil'eva, O.A., Karabutov, A.A., Lapshin, E.A., Panasenko, G.F., Rudenko, O.V. The evolution of intense acoustic pulses for finite Reynolds numbers 1-29439
- Vasil'eva, O.I. *see* Velichkina, T.S. 1-5060
- Vasil'eva, T.V. *see* Nikolaev, V.I. 1-42820
- Vasilevskaya, A.S. *see* Bobylev, Yu.P. 1-25161
- Vasilevskaya, T.N., Golubkov, V.V., Porai-Koshits, E.A. Liquid-phase separation and the submicronuniform structure of glasses in the B_2O_3 - SiO_2 system 1-47011
- Vasilevskaya, V.N., Konakova, R.V., Melnikov, G.D., Semenova, G.N., Tkhorik, Y.A. Structure defects investigation of GaAs and $Al_{1-x}Ga_x$ As epitaxial layers 1-20588
- Vasilevskii, Kh.G., Postnikov, N.S. Heat treatment of aluminium alloys AL9 and AL34 1-8351
- Vasilevskii, M.A. *see* Burtsev, V.A. 1-970
- Vasilevskii, M.A. *see* Roife, I.M. 1-51996
- Vasilevskii, V.M. *see* Kunnos, G.Ya. 1-15460
- Vasilevskii, V.S., Filippov, G.F., Chupovskii, L.L. Spectrum of internal and collective motion in the cluster model 1-23531
- Vasilevskii, V.S., Smirnov, Yu.F., Filippov, G.F. Generating function for the full basis of the irreducible representation of $Sp(6, R)$ groups 1-10338
- Vasiliev, L.L., Bobrova, G.I., Stasevich, L.A. Heat transfer of helium in a pipe with suction 1-46658
- Vasiliev, Ya.V., Vasilieva, L.L., Drozdov, V.N., Shklyayev, A.A. Deposition of silica films by the oxidation of silane in oxygen. II. The calculation of growth rates in the tube reactor 1-43272
- Vasilieva, I.A. *see* Andrianova, V.G. 1-25071
- Vasilieva, L.L. *see* Vasiliev, Ya.V. 1-43272
- Vasiliev, V.F. *see* Hutanu, G. 1-13340
- Vasil'kovskaya, T.N. *see* Golubev, I.F. 1-52207
- Vasil'kovskii, V.A., Kovtun, N.M., Kupriyanov, A.K., Nikitin, S.A., Ostrovskii, V.F. NMR investigation of the effect of hydrostatic pressure on magnetization of the intermetallic compound YFe_2 1-43035
- Vasil'yev, A.F. *see* Chernobay, V.A. 1-29677
- Vasil'yev, A.S. *see* Nелепо, B.A. 1-54129
- Vasil'yev, K.N., Kolomyitsev, O.P., Prutseniuk, I.S. Location in space of spread F of the equatorial ionosphere; dependence of their appearance on solar activity 1-22593
- Vasil'yev, K.N. *see* Ben'kova, N.P. 1-4679
- Vasiliyev, M.B., Vyslov, A.S., Kolosov, M.A., Mesterton, A.P., Savich, N.A., Samovol, V.A., Samoznaev, L.N., Sidorenko, A.I. Two-frequency radio occultation measurements with Venera-9 and Venera-10 orbiters 1-9395
- Vasiliyeva, E.V. *see* Cser, L. 1-45774
- Vasiliyeva, L.L. *see* Beresneva, L.A. 1-34601
- Vasin, A.I., Dorodnov, A.M., Petrosov, V.A. Vacuum arc with a distributed discharge on an expendable cathode 1-34177
- Vasin, B.L., Zorev, N.N., Radaev, V.N., Rupasov, A.A., Sklizkov, G.V., Shikanov, A.S., Shishkina, L.I. Apparatus for calorimetric measurements of energy balance for laser radiation interacting with matter 1-44923
- Vasin, G.P. *see* Sopylachenko, V.N. 1-31457
- Vasinyuk, I.E. *see* Avakyan, V.V. 1-4778
- Vasinyuk, I.M., Kruk, B.Z. Effect of energy dissipation on structural fatigue in case of random vibrations 1-1877
- Vasinyuk, I.M., Kruk, B.Z., Pis'menniy, N.N. Calculation of stresses in wedge-shaped specimens for fatigue bending tests 1-11363
- Vaskin, A.I., Popova, A.M. A single method of numerical solution of the singular integral equation of scattering theory 1-33245
- Vasko, F.T. Boundary conditions for the electron distribution function on an imperfect surface 1-7575
- Vas'ko, F.T. Profile of cyclotron and combined resonance lines in a strong magnetic field 1-43015
- Vas'kov, V.V. Capture of longitudinal waves on small-scale inhomogeneities during disturbance of the ionosphere by strong radio emission 1-22596
- Vas'kovskii, Yu.M. *see* Ashurly, Z.I. 1-33712
- Vasnin, A.M. *see* Rivkin, E.Yu. 1-21662
- Vasquez, R.P., Grantham, F.J. Intensity analysis of XPS spectra to determine oxide uniformity: application to SiO_2/Si interfaces 1-13061
- Vasquez, R.P. *see* Grantham, P.J. 1-16378
- Vasquez Valles, J.M. *see* Diaz, A. 1-53431
- Vass, A. *see* Pidgeon, C.R. 1-46314
- Vass, A. *see* Wood, R.A. 1-15158
- Vassallo, A. Astrofiz in rectangular co-ordinates: Bhattacharji method, Dollen method and generalised Dollen method 1-17693
- Vassallo, C. *see* Monerie, M. 1-24500
- Vassamillet, L.F. *see* Massalski, T.B. 1-53159
- Vassanji, M. *see* Klein, A. 1-5154
- Vasse, R., Furdin, G., Melin, J., McRae, E., Herold, A. Action of fluorides in fluorosulphuric acid on graphite 1-39621
- Vassell, W.C. *see* Hetrick, R.E. 1-4098
- Vassergiser, M.E., Dorosh, A.G. Equivalent circuits of spherical solid and liquid layers 1-20323
- Vassergiser, M.E. *see* Brailov, E.S. 1-37758
- Vasserman, L.B., Kurdadze, L.M., Sidorov, V.A., Skirinsky, A.N., Chilingarov, A.G., Shatunov, Yu.M., Schwartz, B.A. Measurement of the $\phi - \pi$ branching ratio 1-40991
- Vasseur, P., Robillard, L. Transient natural convection heat transfer in a mass of water cooled through $4^\circ C$ 1-1958
- Vassie, J.M. *see* Cartwright, D.E. 1-17622
- Vassilev, A.G., Mitov, D.L., Strashimirov, D. Human visually evoked response and temporal summation of suprathreshold sinusoidal gratings 1-32119
- Vassilev, G. *see* Colomb de Daunant, I. 1-24289
- Vassileva-Popova, J.G. *see* Mladenov, I.M. 1-1053
- Vassilevskii, D. *see* Martinuzzi, S. 1-17206
- Vassilov, J.K., Jamieson, J.C. Improved spherical electrical feedthroughs for high pressure, nonambient temperature vessels 1-23255
- Vassilyev, V.A. *see* Kosa Somogyi, I. 1-31202
- Vassilyev, V.G. *see* Korsunov, N.I. 1-23209
- Vassios, G.L. *see* Kafousias, N.G. 1-54355
- Vassoille, R. *see* Perez, J. 1-25268
- Vassy, A. *see* Leroy, B. 1-44228
- Vastano, A.C., Schmitz, J.E., Hagan, D.E. The physical oceanography of two rings observed by the Cyclic Ring Experiment. I. Physical structures 1-17596
- Vastano, A.C. *see* Hebenstreit, G.T. 1-32460
- Vastava, R.B. *see* Langdon, T.G. 1-12840
- Vastrade, C. The fundamental problem of AC/DC transfer at industrial frequency—an original solution by means of a computable generator 1-36695
- Vasu, N.K. *see* Dhariwal, S.R. 1-35653
- Vasu, R., Carter, D.R., Spengler, D.M., Duelland, R.T. Intracortical bone stress fields calculated from in vivo strain measurements 1-22050
- Vasu, R. *see* Carter, D.R. 1-53810, 1-53811
- Vasu, R.M., Rogers, G.L. Deblurring with a positive only filter after further blurring 1-15084
- Vasudev, R., Hirata, Y., Lim, E.C., McClain, W.M. Laser-induced fluorescence excitation spectrum of thiophosgene cooled by supersonic expansion 1-29012
- Vasudevan, K., Grein, F. A configuration interaction study on the adiabatic singlet-triplet separation of silaethylene 1-6171
- Vasudevan, K. *see* Lawlor, I. 1-6134
- Vasudevan, S. *see* Nagalingam, S. 1-20085, 1-52098
- Vasvari, B. *see* Nagy, A.Z. 1-21820
- Vasyliunas, V.M. Upper limit on the electric field along a magnetic O line 1-9328
- Vatamanyuk, P.P. *see* Gavalashko, N.P. 1-31177
- Vatanabe, M. *see* Nishikawa, K. 1-38109
- Vatazhin, A.B., Rushailo, A.M. Electrostatic probe for detecting charged particles in a gas-dynamic flow 1-34023
- Vater, P. *see* Khan, H.A. 1-10600
- Vaterlaus, H.P., Ansermet, S., Py, M., Levy, F. Electron diffraction and infrared study of the semimetallic layered compound $Ti_{1-x}V_xSe_2$ 1-12504
- Vatolin, N.A., Moiseev, G.K. A thermodynamic analysis of the reduction of $Ca_2Nb_2O_7$ by carbon 1-17041
- Vatolin, N.A., Moiseev, G.K. Equilibrium heating of iron and niobium oxides to the temperatures of transition to the gas-vapor phase 1-21710
- Vatolin, N.A. *see* Poluchin, V.A. 1-30041
- Vats, H.O., Deshpande, M.R. On the growth and decay of irregularities in the ionosphere 1-44385
- Vatset, P.I. *see* Arkatov, Yu.M. 1-33257
- Vatskichev, L. *see* Apostolov, A. 1-42744
- Vatskicheva, M. *see* Apostolov, A. 1-42744
- Vatsya, S.R., Pritchard, H.O. Some analytic properties of the master equation for unimolecular reaction 1-48650
- Vattis, D. *see* Katsanos, N.A. 1-21740
- Vatz, B.W. Analogies of optical and digital technology. Evolution and motivation 1-19409
- Vatz, I.P. *see* Poulsen, P.D. 1-24604
- Vaucamps, C. *see* Bellocq, A.M. 1-29212
- Vaucher, B.G., Weedman, D.W. The redshift and magnitude distribution of faint quasars 1-9708
- Vaucher, B.G. *see* Fujita, H. 1-19957
- Vaucher, B.G. *see* Schneider, H. 1-11537
- Vauclair, G. *see* Fontaine, G. 1-9503
- Vaucouleurs, G. *see* de Vaucouleurs, G.
- Vaucouleurs, G. *see* de Vaucouleurs, G.
- Vaughan, C.M. Integrated safeguards control in a manufacturing operation. Analysis and interpretation of material accounting data 1-18754
- Vaughan, G.J. The metal/water explosion phenomenon—a review of present understanding 1-10505
- Vaughan, J.M., Randall, J.T. Brillouin scattering and elastic properties of biological materials 1-32180
- Vaughan, J.M. *see* Willetts, D.V. 1-29308
- Vaughan, N.P. *see* Le Guen, J.M.M. 1-26867
- Vaughan, P. *see* Graham, E. 1-39963
- Vaughan, R.W. High-resolution solid state NMR 1-12416
- Vaughan, R.W. *see* Berglund, B. 1-3276
- Vaughan, R.W. *see* Polak, M. 1-31036
- Vaughan, R.W. *see* Reimer, J.A. 1-43025
- Vaughen, V.C.A. *see* Fitzgerald, C.L. 1-18854
- Vault, D. *see* De Vault, D.
- Vaupel, P. *see* Bicher, H.I. 1-39889
- Vaurio, J.K. Statistical determination of threshold variables 1-45661
- Vaurio, J.K., Harrmann, N. On time-dependent unavailability analysis 1-45662
- Vaurio, J.K., Page, R.J., Bauer, T. Interpretation of TREAT heat balance experiments 1-5964
- Vause, C. Nonuniversal behavior of the susceptibility in random dipolar uniaxial ferromagnets 1-34869
- Vause, C.A. *see* Walker, J.S. 1-16016
- Vautier, C. *see* Gnet, J. 1-42658
- Vaver, V.R., Golyamina, I.P., Khlopunova, N.A. Ultrasonic vibratory systems with concentrators of various materials 1-37754
- Vavilin, G.V. *see* Aralbay, T.Z. 1-45099
- Vavilov, V.S., Kusinon, Zh.A., Mukashev, B.N., Smirnov, V.V., Spitsyn, A.V. Joint implantation of gallium and boron ions in silicon 1-30255
- Vavilov, V.S., Ushakov, V.V., Gippius, A.A. Internal radiative transitions on the second and third transition series ions in GaAs and GaP 1-48138
- Vavilov, V.S., Zaitsev, A.M., Gippius, A.A. Investigation of defect formation in ion-implanted diamond crystals by the cathodoluminescence method 1-48173
- Vavilova, V.V. *see* Ruda, G.I. 1-21428
- Vavra, I., Lobotka, P., Zachar, F., Osvald, J. TEM in-situ observation of electromigration damage in Al-Cu strips. I. Constant DC stressing 1-52337
- Va'vra, J. *see* Aston, D. 1-50470
- Vavrdá, J., Blazikova, J. Effect of annealing on the composition and structure of TiC and TaC powders 1-21476
- Vavrinova, M. *see* Kozel, K. 1-42064
- Vayaki, A. *see* Blieschau, J. 1-10190
- Vayaki, A. *see* Deden, H. 1-28311
- Vayenas, C.G., Farr, R.D. Cogeneration of electric energy and nitric oxide 1-4173
- Vayrynen, J. Differences in $L_{2,3}$ MM Auger electron spectra of atomic and metallic manganese 1-37164
- Vayrynen, J., Aksela, S., Kellokumpu, M., Aksela, H. $M_{2,3}N_{2,3}$ Auger electron spectra of free silver atoms 1-1194
- Vayrynen, J. *see* Aksela, H. 1-1193
- Vayrynen, J. *see* Aksela, S. 1-6220
- Vaz, N.A.P., Doane, J.W. NMR measurements of chain ordering in some liquid-crystalline lamellar phases 1-15799
- Vazdik, Ya.A. *see* Aleksandrov, Yu.A. 1-5634
- Vazdik, Ya.A. *see* Bessonov, E.G. 1-6072
- Vazquez, G.J., Gouyet, J.-F. SCF CI potential energy surfaces for the $HCN \rightleftharpoons HNC$ isomerisation reaction 1-35507
- Vazquez, J.E. *see* Torrance, J.B. 1-42335
- Vazquez, L. *see* Ranada, A.F. 1-23425, 1-50301
- Vazquez, M. *see* Perez Garde, M. 1-36241
- v.d. Veeke, A.A. An automatic weather station 1-49364
- Vdovin, A.I. Resonances and resonance-like structures in spherical nuclei 1-23614
- Vdovin, A.I., Stoyanov, Ch., Chan-Zuy-Khuong. Fragmentation of the deep-lying hole states of isotropic nuclei of tin 1-602
- Vdovin, A.I. *see* Ponomarev, V.Yu. 1-23592
- Vdovin, Yu.A., Evseyev, I.V., Ermachenko, V.M., Kuz'min, P.I. Interaction of modes emitted due to adjacent transitions in gas lasers 1-51443
- Veal, B.W., Lam, D.J., Paulikas, A.P., Karim, D.P. X-ray photoelectron spectroscopy studies of silicate glasses: Implications to bonding and leaching 1-31313
- Veal, B.W. *see* Lam, D.J. 1-31306, 1-38714
- Veats, S.A. *see* Gray, D.R. 1-29916
- Vecchi, I. *see* Garulli, A. 1-7203
- Vecchi, M.P., Giriat, W., Videla, L. Photoluminescence studies of the Mn^{2+} d-levels in $Cd_{1-x}Mn_xTe$ 1-48130
- Vecchia, A. *see* Di Vecchia, A.
- Vecchia, P. *see* Campos Venuti, G. 1-53708
- Vecchia, P. *see* Di Vecchia, P.
- Vecchia, P. *see* Di Vecchia, P.
- Vecchio, G.L. *see* Benetton, G. 1-2306
- Vecchio, R.M. *see* Del Vecchio, R.M.
- Vecci, S.J. *see* Downs, W. 1-26748
- Vecci, A.A. *see* Kantorovich, I.I. 1-13011
- Vechten, D. *see* Van Vechten, D.

- Vechten, J.A. *see* van Vechten, J.A.
 Vochten, J.A. *see* van Vechten, J.A.
 Vecsey, G. *see* Elen, J.D. 1-50923
 Vecsey, G. *see* Zellweger, J. 1-49125
 Ved', V.E. *see* Kukulov, G.V. 1-3794
 Vedam, K. *see* Chen, C.C. 1-31126
 Vedam, K. *see* Vikram, C.S. 1-5280, 1-15095
 Vedel, F., Andre, J., Vedel, M. Temporal invariance and energetic and spatial properties of stored ions in a quadrupole RF trap. II. Introduction to the space charge effect 1-50265
 Vedel, J., Cowache, P., Dachraoui, M. Preparation of cuprous sulphide by spray pyrolysis 1-3620
 Vedel, J. *see* Livage, J. 1-34932
 Vedel, M. *see* Vedel, F. 1-50265
 Vedenev, A.E. *see* Stoyanov, P.A. 1-45080
 Vedenev, S.I. *see* Belenov, E.M. 1-35075
 Vedenov, A.A., Drobnyak, S.V., Korzinkin, M.M. Characteristics of laser radiation emitted by a pulse-periodic closed-cycle CO₂ laser 1-33654
 Vederas, J.C. *see* Diakur, J. 1-14961
 Vedernikov, G.A. *see* Bulyshev, A.E. 1-6585
 Vedernikov, G.V., Kleshin, N.N., Larkin, G.V., Trigubov, A.V., Firsova, T.K. New possibilities of the transverse wave method under conditions of the West Siberian plain 1-40231
 Vedernikov, S.V. Homogeneous spaces generated by an algebra, and their morphisms 1-461
 Vedernikova, E.A., Kabanov, M.V., Krutikov, V.A., Pal'yanov, P.A. Time averaging of the spatial structure of scattered radiation 1-49995
 Vedhanayagam, M., Altenkirch, R.A., Eichhorn, R. A transformation of the boundary layer equations for free convection past a vertical flat plate with arbitrary blowing and wall temperature variations 1-1911
 Vednich, V.G. Broadening of spectral lines by electron scattering. III. Emission lines 1-36173
 Vedova, C.O. *see* Della Vedova, C.O.
 Vedre, G. *see* Alekperov, T.A. 1-3441
 Vedrenn, G. *see* Estulin, I.V. 1-49860
 Vedrenne, G. *see* Alberne, F. 1-49809
 Vedrenne, G. *see* Znenchenko, V.M. 1-9732
 Vedrinskii, R.V., Bugaev, L.A. Parametrization of phase shifts in the muffin-tin approximation 1-42667
 Vedrinskii, R.V., Prosandeev, S.A., Pavlov, A.N., Kovtun, A.P. Self-consistent calculation and analysis of the chemical shifts of the K_α X-ray lines of sulfur in the SF₆, SO₂, and H₂S molecules 1-37114
 Vedrinskii, R.V. *see* Pavlov, A.N. 1-19069
 Vedrinskii, R.V. *see* Prosandeev, S.A. 1-6162
 Vedrintsev, G.A., Petrova, T.N., Hernandez, G. Results of use of regional electrical prospecting in Cuba 1-13394
 Vedyayev, A.V., Ivanov, V.Yu., Cherenkov, V.A. The Hall effect in spin glasses copper based alloys with manganese, iron and cobalt 1-47612
 Vedyayer, A.V., Cherenkov, V.A. Characteristic properties of Cu-Fe alloys as spin glasses 1-30946
 Veeke, A.A.v.d. *see* v.d. Veeke, A.A.
 Veeman, W.S. *see* van Dijk, P.A.S. 1-18267
 Veeman, W.S. *see* Woning, J. 1-1133
 Veen, J.van der *see* van der Veen, J.
 Veen, J.F.van der *see* van der Veen, J.F.
 Veen, N.J.A.van *see* van Veen, N.J.A.
 Veen, N.J.A.van *see* Van Veen, N.J.A.
 Veenhuizen, S.D., Jung-Tai Lin, Yamagiwa, A.T. Wind resource assessment in the upper Skagit River Valley of Washington 1-53542
 Veer, C.Van't *see* Van't Veer, C.
 Veer, F.van't *see* Van't Veer, F.
 Veer, F.van't *see* Van't Veer, F.
 Veer-Menneret, C.van't *see* van't Veer-Menneret, C.
 Veerabhadra Rao, P., Syamaia Rao, B.C., Lakshmana Rao, N.S. Erosion and cavity characteristics in rotating components 1-26630
 Veerappa, B. *see* Rudraiah, N. 1-24793
 Veerappan, R. *see* Speller, R.D. 1-49099
 Veerayya, M. *see* Murty, C.S. 1-17579
 Veerayya, M. *see* Siddiquie, H.N. 1-17580
 Veesser, I.R. *see* Solem, J.C. 1-38458
 Vevers, J.J., Powell, C.McA., Johnson, B.D. Seafloor constraints on the reconstruction of Gondwanaland 1-32423
 Vevers, J.J. *see* von Stackelberg, U. 1-13446
 Veg, L., Kopeliovich, B.Z., Lapidus, L.I. Tensor polarization of forward deuterons in the reactions (p,pd) and (p,nd) 1-45491
 Vega, E.I., Rabolli, M., Muzzio, J.C., Feinstein, A. A search for H_α-emission objects in a region in Ara 1-9514
 Vega, H., Forsterling, G., Kleinstück, K. Experimental proof on an anisotropic anharmonic Debye-Waller factor for silver 1-25396
 Vega, H.J. *see* de Vega, H.J.
 Vegholt, B., Kjoller, J., Larsen, B. Hydrogen storage in magnesium powder 1-32057
 Vegh, E. *see* Zbor, E. 1-28672
 Vegh, J. *see* Kover, A. 1-10818
 Vegni, G. High energy interactions on nuclei 1-10281
 Vehil, R. *see* Legrand, M. 1-13603
 Veiga, L.M. *see* Altc Da *see* Altc Da Veiga, L.M.
 Veiga-Pires, J.A., Kaiser, M.C. Preliminary report on a new mode of CT-scanning of the thorax 1-4358
 Veiko, V.P., Krutenkova, E.A., Kotov, G.A. Calculations of the thermal deformation picture of laser irradiated thin films 1-16808
 Veillard, A. *see* Bachmann, C. 1-41304
 Veillet, C., Ratier, G. Astrometric study of the Uranus satellite Miranda 1-9418
 Veillet, P. *see* Le Dang, K. 1-31052
 Veinberg, V.B., Kormer, M.V., Kharchenko, N.I., Grudzeva, M.G., Guzhevskaya, A.V. Fiber endoscopes with structureless image 1-4350
 Veinberg, V.B. *see* Guzhevskaya, A.V. 1-4352
 Veinger, A.I., Sargsyan, M.P. Characteristics of amplification in a hot-carrier p-n junction 1-20862
 Veis, A.N., Kaidanov, V.I., Nemov, S.A. Influence of composition of PbSe, S₂ solid solutions on the position and width of a thallium impurity band 1-20659
 Veis, S., Skalny, J., Cernak, M. Mobility of negative ions in the outer layer of a negative corona discharge in air in the temperature interval of 300-500K and at pressures 40-93 kPa 1-15681
 Veis, S. *see* Skalak, L. 1-52004
 Veis, S. *see* Skalny, J. 1-15680, 1-52001
 Veitch, R.J. Magnetoelastic interaction between a single magnetized particle and a surrounding shell of ulvospinel 1-9148
 Veitch, R.J. *see* Schmidbauer, E. 1-35977
 Veith, H. On the influence of temperature and frequency on fatigue softening of structural steels 1-30316
 Veitsman, R.I. *see* Averbukh, A.Z. 1-37687
 Vejbør, P., Soviar, P. Possibilities of use of holographic interferometry in stomatology 1-32226
 Veje, E. *see* Andresen, B. 1-46095
 Veje, E. *see* Hultberg, S. 1-37161
 Vekey, R.C. *see* de Vekey, R.C.
 Vekhter, B.G., Kaplan, M.D. Microscopic theory of Jahn-Teller ferro- and antiferroelasticities 1-7239
 Vekhter, B.G. *see* Bersuker, I.B. 1-21136
 Veklich, N.A., Malyshev, B.M. Apparent mass of a rectangular vessel filled with liquid 1-37864
 Veksler, N., Korsunskii, V. Scattering of sound by elastic cylinder 1-29445
 Veksler, N., Korsunskii, V. Scattering of acoustical waves on thick-walled elastic cylinders 1-51649
 Veksler, N., Korsunskii, V. Transient scattering of acoustical waves on elastic cylinders with an elastic filler 1-51650
 Veksler, V.I. The ionic component in the sputtering of metals 1-53035
 Velarde, G., Ahnert, C., Aragones, J.M., Leira, G., Luqui, R., Martinez-Val, J.M. Coupled nuclear-thermohydrodynamic analysis of laser-fusion-fission microspheres 1-18897
 Velarde, M.G., Antoranz, J.C. Laser with saturable absorber and two-component Benard convection: limit cycle behaviour 1-33647
 Velarde, M.G., Antoranz, J.C. Phenomenological phase transition approach to the two-component Rayleigh-Benard problem: Tricritical behavior 1-40733
 Velarde, M.G., Normand, C. Convection 1-1973
 Velarde, M.G. *see* Bonilla, L.L. 1-8532
 Velasco, J. *see* Deden, H. 1-28311
 Velasco, J. *see* Fritze, P. 1-14431
 Velasco, V.R. *see* Calleja, J.M. 1-31138
 Velchev, N.B., Nachev, I.S. Self-consistent results for n-channel silicon MOST at high magnetic fields 1-12198
 Velculescu, V.G. *see* Alexandrescu, R. 1-46282
 Veld, G.H. *see* in't Veld, G.H.
 Velde, B. Ordering in synthetic aluminous serpentines; infrared spectra and cell dimensions 1-43125
 Velde, B. Cell dimensions, polymorph type, and infrared spectra of synthetic white micas: the importance of ordering 1-47050
 Velde, B. *see* Nicol, M. 1-43131
 Velde, J.C. *see* Vander Velde, J.C.
 Velden, G.P.M. *see* Van Der Velde, G.P.M.
 Veldhuizen, R. *see* Binnie, C.D. 1-49139
 Veldpaus, F. *see* Wismans, J. 1-17427
 Velekci, E. Thermodynamic investigation of the Li-Al and Li-Pb systems by the hydrogen titration method 1-2656
 Veler, J.C. *see* Robic, J.Y. 1-12242
 Veles, P. *see* Pesek, L. 1-48619
 Velezhko, N.A., Krokhuva, V.V., Shirokov, Yu.V., Zhigareva, N.K., Ivanova, A.B., Prokops, V.E. Solid electrolytes in the PbF₂-KF system 1-42565
 Velez, A. Applications for a transonic transducer in air 1-46653
 Velfe, H.D. *see* Stenzel, H. 1-20586
 Velghe, M. *see* Bazin, C. 1-23880, 1-41264
 Velghe, M. *see* Carré, M. 1-1297
 Velghe, M. *see* Larzilliere, M. 1-19108
 Velicescu, M. *see* Buhler, H.E. 1-52304
 Velichkina, T.S., Vasil'eva, O.I., Isralenko, A.I., Yakovlev, I.A. Demonstration of phenomena of conical refraction 1-5060
 Velichko, A.A. *see* Gudzy, E.S. 1-43274
 Velichko, G.V., Zueva, R.S. Improvement of technology for separate processing of sound track color release prints 1-23340
 Velichko, N.I. *see* Kravchenko, V.V. 1-20894
 Velichko, O.A. *see* Dekhtyar, I.Ya. 1-3545
 Velichko, V.V., Petrakovskaya, E.A. Paramagnetic resonance absorption in Rb₂MnCl₄ 1-26028
 Velickovic, D. Field and potential in the vicinity of shear edges of the electrodes 1-46197
 Velickovic, D., Abazi, A., Orana, M. Analytical and numerical approach to the calculation of field and potential for calculable standard of capacitance 1-23274
 Velicky, B. *see* Szocs, V. 1-43137
 Velikanov, A.G., Gorshunov, N.M., Knyazev, I.S., Lagutsov, N.I., Neshchimenko, Yu.P., Sulaberidze, G.A. Closed-cycle gasdynamic CO₂ laser employing a gas separator 1-1589
 Velikanov, A.G., Gorshunov, N.M., Kunin, Yu.A., Neshchimenko, Yu.P. Optical gain optimization in a supersonic stream when vibrationally excited N₂ is mixed with CO₂+He 1-46289
 Velikodny, L.N., Shepelin, V.A., Kasatkin, E.V., Zhikharev, Yu.V., Pavlushina, G.M. Ellipsometric study of the effect of Ta-Nb alloy components on certain anodic oxide properties 1-53536
 Velikotskii, V.L. Frequency response of a two-mode helium-neon laser 1-51451
 Velikov, V. *see* Ivanov, K.I. 1-9853
 Velino, B. *see* Carloti, M. 1-24138
 Velinskii, V.V. *see* Duckyov, A.D. 1-44155
 Velisek, J. Determination of phase diagrams for binary metallic systems from thermodynamic data 1-12719
 Velisek, J. Thermochemical data of iron-chromium system 1-48324
 Velisek, J. Thermodynamic reconnaissance of the system nickel-chromium 1-48325
 Velkley, D.E. *see* Cunningham, D.E. 1-22106
 Vel'ky, M. *see* Jozefini, P. 1-39400
 Vella, E.N. *see* Abrams, G.S. 1-10208, 1-10242, 1-50450
 Vella, E.N. *see* Dorfan, J.M. 1-41020
 Vella, E.N. *see* Himel, T.M. 1-18482
 Vella, E.N. *see* Scharre, D.L. 1-18485, 1-45292
 Vella, P.J. *see* Goruk, W.S. 1-24639
 Vella-Coleiro, G.P., Venard, W.B., Wolfe, R. New method for routine measurement of coercivity in magnetic bubble films 1-7909
 Velo, G. *see* Gimibre, J. 1-18147, 1-50322
 Velisko, S.P., Oxtoby, D.W. Line shape theory for two center cooperative radiative transitions 1-37261
 Veltrusky, I., Nekvasil, V. Rare earth-iron exchange interaction and crystal field-like terms in garnets 1-20973
 Vela, E.M.T., Subbarao, E.C., Bonda, N.R., Gupta, K.P., Laha, S., Majumdar, A.K., Sankar, T.A., Pandian, S. Phase relations and magnetic properties of MM[Co_{1-x}Cu_x]₂ (0 ≤ x ≤ 1) and MM[Co_{1-x}Fe_x]₂ (0 ≤ x ≤ 0.3) alloys [MM = mischmetal] 1-8272
 Vela, E.M.T., Subbarao, E.C., Gupta, H.O., Gupta, K.P., Kaul, S.N., Majumdar, A.K., Mittal, R.C., Padmavathi Sankar, T.A., Sarkar, G., Satyanarayana, M.V., Shankarapadas, K. Subramanyam, J. Equilibrium relations among magnetic phases in mischmetal cobalt systems 1-26427
 Velusamy, T., Kundu, M.R. Observations of solar active regions at 2 and 6 cm wavelengths with 3 arc second resolution 1-4868
 Velusamy, T. *see* Angerhofer, P.E. 1-54589
 Velusamy, T. *see* Kundu, M.R. 1-13747
 Veluswami, M.A. *see* Muthuveerappan, G. 1-1863
 Ven, A.J.C. *see* Van De Ven, A.J.C.
 Ven, T.G.M. *see* Van de Ven, T.G.M.
 Venables, J.A. *see* Akhter, P. 1-34580, 1-52428
 Venables, J.A. *see* Harland, C.J. 1-33079
 Venables, J.D. *see* Ditchek, B.M. 1-31848
 Venables, J.D. *see* Sun, T.S. 1-16628
 Vengliani, A. *see* Bendisiclov, G. 1-36949
 Venard, W.B. *see* Vella-Coleiro, G.P. 1-7909
 Vence-Pastor, D.E. *see* Rithalia, S.V.S. 1-53920
 Vences, M.A. *see* Nieto-Vesperinas, M. 1-46215
 Vendid, I.B., Esipov, V.V., Perepechenykh, V.I., Rodionov, A.G., Stebakov, V.M., Tyan, L.S., Fialkov, A.S. Nonlinear electrical properties of carbonaceous materials (pitch mesophase) 1-52574
 Vendid, O.G., Dedyk, A.I., Zalonchovskii, A.Ya., Konovalev, V.V. Dielectric losses in metal-strontium titanate insulator-metal structures in the RF frequency range at 4.2K 1-26119
 Vendid, O.G., Kozyrev, A.B., Morozik, V.P. Effect of magnetic-flux capture on the residual loss in technical-grade niobium 1-25848
 Vendid, O.G. *see* Alekseev, A.N. 1-38883
 Vendramin, I. Analysis of cross-sections and angular asymmetries of e⁺e⁻ annihilation into three jets for massive quarks 1-14402
 Venediktov, V.A. *see* Alyabiev, A.Ya. 1-31752
 Venema, W.J., Griessen, R., Ruessink, W. Volume dependence of the Fermi surface and of the spin-density-wave Q vector in antiferromagnetic chromium 1-25614

- Venetshev, Yu.N., Mikhailchenko, V.P., Ivanov, S.A., Kochetkov, V.V., Bogatko, V.V., Lebedev, V.M., Gertzen, N.P. Some new results on lattice dynamics and phase transitions in perovskite type compounds 1-21141
- Venetshev, Yu.N. *see* Bogatko, V.V. 1-20908, 1-39043
- Venetshev, Yu.N. *see* Gertzen, N.P. 1-39042
- Venetshev, Yu.N. *see* Kochetkov, V.V. 1-21144
- Venetshev, Yu.N. *see* Sevast'yanova, L.G. 1-35197
- Venetshev, Yu.N. *see* Stefanovich, S.Yu. 1-20798
- Veneziano, G. Goldstone mechanism from gluon dynamics 1-510
- Veneziano, G. *see* Amati, D. 1-597
- Veneziano, G. *see* Di Vecchia, P. 1-5586
- Venger, A.P. *see* Alferova, Z.A. 1-32745
- Venger, A.P. *see* Berlin, A.B. 1-17898
- Venger, E.F., Pasochnik, Yu.A., Snitko, O.V., Strizhevskii, S.V. The effect of surface treatment on surface polaritons in silicon carbide 1-2890
- Venghaus, H., Jusserand, B. Valence-band parameters and δ factors of ZnTe from free-exciton magnetoreflectance 1-3374
- Vengrenovich, R.D. On the bimodal distribution in disperse systems 1-26483
- Veniaminov, N.N. *see* Kuznetsov, T.M. 1-6400
- Venis, J. *see* Straatman, J.T.H. 1-35706
- Venitsianov, E.V. Wave regime of filtration of suspensions 1-8624
- Venkat Reddy, T. *see* Mondal, P.K. 1-41606
- Venkata Reddy, G. *see* Reddy, B.S.R. 1-17594
- Venkatachala, B.J., Nath, G. Nonsimilar laminar incompressible boundary layers with vectored mass transfer 1-37873
- Venkatachalam, C. Mahalingam *see* Mahalingam Venkatachalam, C.
- Venkatachari, G. *see* Rajagopalan, K.S. 1-26660
- Venkatacharyulu, P. *see* Ramanamurti, D.V. 1-26070
- Venkatacharyulu, P. *see* Vijaya Kumar, K.K. 1-47968
- Venkatapathi Raju, K. *see* Lakshmana Rao, S.K. 1-2036
- Venkataramiah, P., Sanjeeviah, H., Sanjeeviah, B. Study of inner bremsstrahlung accompanying beta decay in ^{185}W and ^{90}Y 1-5739
- Venkataraman, G. *see* Dhairiawan, M.P. 1-10596
- Venkataraman, G. *see* Khundi, H.K. 1-14720
- Venkataraman, G. *see* Madhavanath, U. 1-53910
- Venkataraman, G., Degaleesan, T.E., Laddha, G.S. Continuous and dispersed phase coefficients for heat and mass transfer involving single-file drops 1-15492
- Venkataraman, K., Wang, T., Stroeve, P. Oxygen diffusion into heterogeneous tissue with combined oxygen consumption kinetics 1-32102
- Venkataramaniah, M. *see* Lakshman, S.V.J. 1-28900
- Venkataraman, V., Rangarajan, G., Srinivasan, R. A study of cryosorption by solidified gas deposits 1-52415
- Venkataramani, N., Mattoo, S.K. On plasma-neutral gas interaction 1-7006
- Venkataramani, N., Mattoo, S.K. Plasma retardation in Alfvén's critical velocity phenomenon 1-15617
- Venkataramani, N., Mattoo, S.K. Springless fast opening electromagnetic valve 1-38158
- Venkataramani, S., Biggers, J.V. Reactivity of zirconia in calcining of lead zirconate-lead titanate compositions prepared from mixed oxides 1-3787
- Venkatasesetty, H.V. Cyclic voltammetric and spectroscopic studies of SOCl_2 solutions 1-35540
- Venkatesan, C., Nagaraj, V.T. On the axial vibrations of rotating bars 1-51717
- Venkatesan, D., Agrawal, S.P., Lanzerotti, L.J. On the three-dimensional nature of the modulation of galactic cosmic rays 1-40289
- Venkatesan, D. *see* Agrawal, S.P. 1-40288
- Venkatesan, D. *see* Vij, K.K. 1-17732
- Venkatesan, K. *see* Chakrabarti, P. 1-52126
- Venkatesan, S., Erdheim, G., Lombardi, J.R., Birke, R.L. Voltage dependence of the surface-molecule line in the enhanced Raman spectrum of several nitrogen containing compounds 1-35051
- Venkatesan, S. Presanna *see* Presanna Venkatesan, S.
- Venkatesan, T.N.C. *see* Gibbs, H.M. 1-1617
- Venkatesan, T.N.C. *see* Passner, A. 1-29275
- Venkatesan, T.R., Rao, M.N. Solar flare proton fluxes in the last few million years 1-17803
- Venkatesh, A., Gupta, M.C. Analysis of ammonia-water intermittent solar refrigerator operating with a flat plate collector 1-17281
- Venkateswara Rao, G. *see* Smith, G. 1-26896
- Venkateswara Rao, G., Narayanaswami, R. Optimization of simply supported beams in large amplitude vibration subject to a frequency 1-51716
- Venkateswarlu, K. *see* Ramasamy, R. 1-24103
- Venkatram, A. The relationship between the convective boundary layer and dispersion from tall stacks 1-17326
- Venkatramiah, P. *see* Gambhir, Y.K. 1-41102
- Vennik, J. *see* de Brouckere, L. 1-21021
- Vennink, R. *see* Glaudemans, P.W.M. 1-5675
- Ventkateshan, S.P., Krishna Prasad, K. Weakly interacting radiating boundary layer flow parallel to a flat plate 1-29663
- Vento, V., Rho, M., Nyman, E.M., Jun, J.H., Brown, G.E. Chiral pion dynamics for spherical nucleon bags 1-10178
- Vento, V. *see* Brown, G.E. 1-23498
- Ventsel', E.S. Solution of some elasticity theory linear boundary-value problems with complex operator by means of simple boundary-value problem 1-18016
- Ventsel', E.S. Application of the compensating loading method to plates of complex shape 1-29529
- Ventura, A. Della *see* Della Ventura, A.
- Ventura, G. *see* Conforti, G. 1-14209
- Ventura, I. *see* Chaves, F.M.P. 1-50044
- Ventura, O.N. *see* Sosa, R.M. 1-24035
- Venturello, G. *see* Antonione, C. 1-25175
- Venturini, E.L. Isotope effect on hydrogen site energies for two metal dihydrides [ESR study] 1-21045
- Venudhar, Y.C. *see* Kistaiah, P. 1-38560, 1-38561, 1-47261
- Venugopal, P. *see* Romani, K.N. 1-53717
- Venugopalan, M., Rychowdhury, U.K., Chan, K., Pool, M.L. Plasma chemistry of fossil fuels 1-34179
- Venugopalan, M. *see* Veprek, S. (editor) 1-32811, 1-32812
- Venuti, G. Campos *see* Campos Venuti, G.
- Venuti, R. *see* Albaugh, H. 1-19587
- Venuvalingam, P., Chandra Singh, U., Subbaratnam, N.R. Charge transfer spectra of complexes with benzoquinonechlorimides as electron acceptors 1-46115
- Venzl, G., Fischer, S.F. The effect of localized modes on radiationless electronic transitions. I. Diatomic impurities in a crystal 1-47195
- Venzl, G., Fischer, S.F. The effect of localized modes on radiationless electronic transitions. II. Dependence on impurity concentration 1-47196
- Veprek, S. Applications of low pressure plasmas in materials science: especially chemical vapour deposition 1-7012
- Veprek, S., Iqbal, Z., Oswald, H.R., Webb, A.P. Properties of polycrystalline silicon prepared by chemical transport in hydrogen plasma at temperatures between 80 and 400°C 1-39168
- Veprek, S. *see* Gruen, D.M. 1-34090
- Veprek, S. *see* Webb, A.P. 1-24997
- Veprek, S., Venugopalan, M. (editor) Plasma chemistry II 1-32811
- Veprek, S., Venugopalan, M. (editor) Plasma chemistry I 1-32812
- Veprev, A.G., Shirokovskii, V.P. Phonon electrical resistance in vanadium 1-25691
- Vera, A. *see* Buluggi, E. 1-42936
- Vera, D.R. *see* Jansholt, A.-L. 1-49112
- Vera, J.H. *see* Panayiotou, C. 1-31891
- Vera, J.H. *see* Sayegh, S.G. 1-34466
- Veracini, C.A. *see* Chidichimo, G. 1-19114
- Veran, J.L. *see* Robic, J.Y. 1-12242
- Verani, G. *see* Andreocci, M.V. 1-24192, 1-46019
- Verardo, A.E. *see* Caskey, D.L. 1-53592
- Verbeek, B.H., Nieuwenhuys, G.J., Mydosh, J.A., van Dijk, C., Rainford, B.D. Inhomogeneous ferromagnetic ordering in PdFe and PdMn alloys studied via small-angle neutron scattering 1-25885
- Verbeek, B.H. *see* Shapiro, S.M. 1-12329
- Verbeek, H. *see* Eckstein, V. 1-16644, 1-26329
- Verbeek, H.J. Persistent flow and third-sound waves in the He-II film 1-38608
- Verbeke, R. *see* Mergan, L.M. 1-50850
- Verbeke, M. *see* Burg, J.P. 1-23912
- Verber, C.M., Harmer, A.L. Fiber sensor systems 1-36646
- Verber, C.M., Kenan, R.P. Integrated optical circuit for performing vector subtraction 1-24534
- Verberne, J., Reuss, J. Calculation of the hydrogen dimer spectrum in zero magnetic field 1-33372
- Verbeure, F. *see* Ajienko, I.V. 1-592, 1-5667
- Verbeure, F. *see* Chlapnikov, P.V. 1-599, 1-36886
- Verbeure, F. *see* Saudraix, J. 1-5666
- Verbiese, S. *see* Devresse, M. 1-37003
- Verbiest, E. *see* Bukhsan, S. 1-47987
- Verbiest, J. *see* Marois, J. 1-16976
- Verbiest, J. *see* Thibaut, E. 1-48228
- Verbitskii, S.S., Vitukhnovski, A.G., Vysloukh, V.A., Zhevdandrov, N.D. Diffusion anisotropy of triplet excitons in stilbene monocrystals 1-52498
- Verbitskii, V.A. *see* Kropotkin, M.A. 1-4223
- Verbovetskii, A.A., Fedorov, V.B. Optical memory systems with associative-address access 1-51600
- Verbovetskii, E.Kh. *see* Alekhovich, A.N. 1-31977
- Verbovetskii, E.Kh. *see* Titov, S.P. 1-31978
- Verbruggen, R. *see* Bartle, C.M. 1-51014
- Verbunt, F. *see* van Paradis, J. 1-44670
- Vercheval, J. Annual summary: astronautics 1979 1-13660
- Verdaguer, E. Approximate Poincaré invariance of the post-Newtonian metric tensor and gauge conditions 1-5183
- Verdenet, M. PU Vulpeculae (Kuwan's object) 1-54512
- Verdenet, M. *see* Bortle, J. 1-44504
- Verdeyen, J.T. *see* Dlabal, M.L. 1-37463, 1-37475, 1-41671
- Verdieck, J.F. *see* Hall, R.J. 1-19105
- Verdier, C., Leporoc, B. Combustion driven atomic fluorine generators for DF chemical lasers 1-37489
- Verdier, P. *see* Ballardore, J.L. 1-15770
- Verdier, P. *see* Soum, G. 1-42267
- Verdiere, A.C. De *see* De Verdiere, A.C.
- Verdini, L., Bacci, D. The hydrogen cold-work peak in niobium 1-8338
- Verdon, C.P. *see* McCrory, R.L. 1-38128
- Verdonck, L. *see* Vincent, E. 1-26195
- Verebryusov, V.S., Ponomarev, L.A. Re-scattering of (Na) and (3r) beams during their coherent formation on a nucleus 1-40977
- Verechikova, R.G. *see* Ramm, M.G. 1-38683
- Verenkova, E.M., Gundarina, Z.I., Pobedina, A.B. Influence of the $\text{Fe}^{2+}/\text{Fe}^{3+}$ ion system on the properties of phosphate films. [Corrosion protection] 1-48536
- Verenkova, E.M. *see* Gundarina, Z.I. 1-53316
- Veres, A. Gamma activation of nuclear isomers and its applications 1-43720
- Vereschagin, I.P., Golovin, G.T., Litvinov, V.E., Artamonov, A.F. Numerical method of field calculation at a unipolar corona discharge 1-15705
- Vereschagin, I.P., Morozov, V.S. Two-dimensional motion of aerosol particles in an electric field at Reynolds numbers greater than unity 1-8626
- Vereschagin, S.I., Sergeev, A.G. Territorial networks of optoelectronic facilities for observing astronomical objects (status and development problems) 1-27375
- Vereschagin, S.I. *see* Seliverstov, Yu.A. 1-27384
- Vereschagin, S.V., Piskunov, A.E. The rate of star formation and metal enrichment of the galactic disk 1-54481
- Vereschagin, V.G., Ponyavina, A.N. Effect of the packing density of scattering layers on their transmission 1-1497
- Vereschagin, V.G., Ponyavina, A.N. Effect of microstructural parameters on the characteristics of infrared dispersion filters 1-41584
- Vereschagin, V.P., Kashchenko, M.P. Markov form of the nonequilibrium statistical operator for systems with weak interaction 1-27869
- Vereschagin, V.V. *see* Ivlev, L.S. 1-4125
- Vereschagina, L.I. Invariant solutions of the three-dimensional unsteady boundary layer equations 1-11385
- Veret, C. Application of electro-optical techniques in metrology 1-23295
- Veretenkin, E.P. *see* Barabanov, I.R. 1-671
- Verevkin, Yu.K. *see* Babin, A.A. 1-1633, 1-1634
- Vergados, J.D. Study of the lepton-nonconserving (μ^-e^+) reaction mediated by Higgs particles 1-45295
- Vergari, A.A. *see* McDonnell, J.L. 1-18755
- Vergazov, A.N., Rumyantseva, V.M., Rybin, V.V., Sinyakov, I.N., Solomko, Yu.V. Influence of ruthenium on mechanical properties of molybdenum 1-26543
- Verges, J. *see* Bacis, R. 1-6227
- Verges, J. *see* Gerstenkorn, S. 1-45951
- Verges, J. *see* Prosser, S.J. 1-6305
- Verges, J.A. A simple tight-binding model for deep impurity levels: application to the Jahn-Teller-distorted nitrogen donor in silicon 1-42715
- Verges, J.A. *see* Louis, E. 1-7560
- Vergez, M., Pages, J.P. Water vapour fluctuations studied by infrared spectral hygrometry 1-44331
- Vergheze, K. *see* Bogado Leite, S. 1-18722
- Vergheze, K. *see* Gardner, R.P. 1-18986
- Vergnaud, J.-M. *see* Becila, R. 1-31905
- Vergnaud, J.-M. *see* Messadi, D. 1-30501
- Vergnes, M., Rotbard, G., Kalifa, J., Berrier-Ronsin, G., Vernotte, J., Seltz, R., Burke, D.G. Test of supersymmetry in the ^{193}Ir - ^{194}Pt proton-stripping reactions 1-45487
- Vergnes, M. *see* Kalifa, J. 1-625
- Vergnol, J., Villain, J.-P. Solid solution hardening and mechanical properties variations in α -Cu-Al single crystals 1-12753
- Vergnol, J. *see* Denanot, M.-F. 1-31571
- Vergoten, G. *see* Suzuki, S. 1-45976
- Verhaart, G.J., Brongersma, H.H. Electronic excitation (5-9 eV) in ethylene and some haloethylenes by threshold electron-impact spectroscopy with an improved energy resolution 1-19196
- Verhaart, G.J., Van Sprang, H.A., Brongersma, H.H. Electron chemistry. Chemical reactions in CCl_4 , CFCl_3 and CF_2Cl_2 induced by low-energy electrons 1-10850
- Verhaegen, G. *see* Nejaime, D. 1-45807
- Verhaeghe, P.J.T., Ajakaiye, D.E. Analysis of errors in barometric elevations in northern Nigeria 1-17646
- Verheul, H. *see* de Boer, F.W.N. 1-14446

- Verbeul, H. *see* Kalshoven, A.W.B. 1-10321
 Verbeul, H. *see* Konijn, J. 1-41026, 1-50488
 Verbeul, H. *see* Ludziejewski, J. 1-50508
 Verbeul, H. *see* Van Poelgeest, A. 1-10320
 Verhey, L. *see* Urano, M. 1-35836
 Verhoeft, C.W. *see* de Planque, G. 1-6087
 Verhoeven, J.A.T., van Doveren, H. XPS studies on Ba, BaO and the oxidation of Ba 1-16653
 Verhoeven, J.A.T.B. *see* van Doveren, H. 1-31311
 Verhoeven, J.D., Schmidt, F.A., Gibson, E.D., Sue, J.J., Ostenson, J.E., Finnemore, D.K. Preparation of in-situ Nb₃Sn-Cu wire by consumable arc melting 1-48294
 Verhoeven, J.D. *see* Klaren, C.M. 1-26444
 Verhoeven, J.D. *see* Noack, M.A. 1-16669
 Verhoeven, J.D. *see* Ostenson, J.E. 1-16419
 Verhoeven, J.D. *see* Pedersen, T.E. 1-21423
 Verigin, A.M., Erokhin, A.A., Shavrin, V.N., Reznichenko, V.F. Estimation of the separation speed of the vapour-gas phase during deep melting of a metal by an electron beam 1-16033
 Verigin, A.N., Shchuplyak, I.A., Mikhalev, M.F., Varentsov, V.V. Heat and mass transfer during growth of a spherical particle from the liquid phase 1-7106
 Verigin, N.N., Khabibullin, I.L., Khalikov, G.A. Linear problem of the dissociation of the hydrates of a gas in a porous medium 1-38006
 Veringa, F. *see* Bijl, G.K. 1-27015
 Verink, E.D., Jr. *see* Shanley, C.W. 1-14170, 1-16940
 Verity, D., Davies, J.J., Nicholls, J.E. Optically detected magnetic resonance of P₄ cluster centres in phosphorus-doped zinc selenide 1-43039
 Verity, D., Nicholls, J.E., Davies, J.J., Bryant, F.J. Optically detected donor electron g shifts in ion-implanted ZnSe 1-21086
 Verity, D. *see* Bryant, F.J. 1-35101
 Verkakis, J.J. *see* Balaisis, S.A. 1-16387
 Verkerk, M.J., Burggraaf, A.J. High oxygen ion conduction in sintered oxides of the Bi₂O₃-Dy₂O₃ system 1-47286
 Verkerk, M.J. *see* Keizer, K. 1-16088
 Verkhoturov, A.D., Boykun, G.A., Petrova, E.M., Kirilenko, S.N., Sleptsov, V.M. Electric-spark alloying of steel with alloys of the Nb-Zr-B system 1-39465
 Verkhoturov, A.D., Egorov, F.F., Bondar', V.T. Electric-spark alloying of steel with heterophase materials based on ZrN and Al₂O₃ 1-39535
 Verkhoturov, A.D., Timofeeva, I.I., Rogozinskaya, A.A., Poterya, Ya.D. A study of the formation of sub-surface zones in titanium alloy VT-9 after electrosark alloying 1-43590
 Verkhoturov, A.D. *see* Alifintseva, R.A. 1-39536
 Verkhovod, V.K. *see* Kvasha, A.N. 1-16821
 Verkhovodov, P.A. *see* Egorov, F.F. 1-35381
 Verkhovodov, P.A. *see* Karpinos, D.M. 1-31616
 Verkhovskii, L.A. *see* Shorshorov, M.Kh. 1-3887
 Verkhovskii, A.B. *see* Shukoluykov, Yu.A. 1-31943
 Verkhovskii, V.S. *see* Tarasenko, V.F. 1-51509
 Verkhovtseva, E.T., Pogrebnjak, P.S. Manifestation of the dipole relaxation process of super-Coster-Kronig type in soft X-ray emission spectra of Kr and Xe 1-6193
 Verkhovtseva, E.T., Pogrebnjak, P.S. Evidence of many-electron effects in ultrasoft X-ray spectra of krypton and xenon emission 1-28916
 Verkin, B.I., Kirichenko, Yu.A., Levchenko, N.M. Heat transfer during subcooled hydrogen boiling 1-47215
 Verkin, B.I., Mikhalechenko, R.S., Getmanets, V.F., Goncharenko, L.G. Contact heat transfer in solid cryogenics 1-47221
 Verlaet, P.M. *van't see* van't Verlaet, P.M.
 Verlaan, A.F., Petrov, A.P., Serikova, I.A. On an integral method of high-temperature plasma diagnosis 1-15643
 Verleger, V.K. *see* Parilis, E.S. 1-26328
 Verlet, L. Integral equations for classical fluids. I. The hard sphere case 1-11659
 Verlotskii, A.A., Rublevskii, I.P., Fryaznina, G.N. Temperature fields during the annealing of high zirconium heat resistant materials 1-35284
 Verly, P., Tremblay, R., Lit, J.W.Y. Application of the effective-index method to the study of distributed feedback in corrugated waveguides: TM polarization 1-15286
 Verma, A. *see* Johnson, K.E. 1-53700
 Verma, A.K. *see* Garg, V.P. 1-45420
 Verma, B.G., Kumar, A. On singular surfaces of order one in dissociating gases 1-15571
 Verma, B.G., Singh, J.B. Magnetogasdynamics converging spherical detonation waves 1-6871
 Verma, B.G., Singh, J.B. Strong magnetogasdynamics spherical shocks with increasing energy 1-19751
 Verma, B.G., Singh, J.B. An explosion model in magnetogasdynamics [radio sources] 1-36391
 Verma, G.S. *see* Singh, S. 1-34527
 Verma, G.S. *see* Surendra Singh 1-34656
 Verma, H.C., Rao, G.N. Quadrupole interactions at ⁵⁷Fe in Fe metal 1-12441
 Verma, H.K., Ghai, A.K. A microprocessor based waveform generator for bio-medical applications 1-32293
 Verma, H.R. *see* Kaur, R. 1-10319, 1-45449
 Verma, H.R. *see* Sharma, A.K. 1-28413
 Verma, H.R. *see* Sooch, S.S. 1-14460
 Verma, J.K.D., Basu, D., Aggarwal, M.D. Approximate calculation of the bulk and shear moduli and Debye temperatures of orthorhombic crystals 1-20296
 Verma, J.K.D. *see* Basu, D. 1-34449
 Verma, K.K., Vu, T.H., Stwalley, W.C. New observations and analyses of the laser excited fluorescence of the $\text{Na } 2^2\text{P}_{1/2} - \text{X } 2^2\text{S}_{1/2}$ bands of the Na₂ molecule 1-46012
 Verma, K.K. *see* Hsieh, Y.K. 1-24183
 Verma, K.K. *see* Paddi Reddy, S. 1-37195
 Verma, K.K. *see* Yang, S.C. 1-24063
 Verma, K.K. *see* Zemke, W.T. 1-46026
 Verma, L.R., Hellickson, M.A. Wind and solar energy combination for agricultural applications in South Dakota 1-35605
 Verma, M.P. *see* Bedi, S.S. 1-15944
 Verma, M.P. *see* Jain, A.K. 1-30133
 Verma, M.P. *see* Sharma, U.C. 1-30292
 Verma, N.S. *see* Kumar, V. 1-5806
 Verma, P.D., Vyas, H.K. Flow past a porous spherical shell with variable permeability using matched asymptotic technique 1-42084
 Verma, P.D.S., Singh, D.V., Singh, K. Couette flow of micro-thermopolar fluids between concentric rotating cylinders 1-1955
 Verma, R.C. Magnetic moments of baryons in broken spin-unitary-spin symmetry 1-561
 Verma, R.C. *see* Kamal, A.N. 1-33151
 Verma, R.C. *see* Pandit, P.N. 1-50425
 Verma, R.D. *see* Chandra, B.P. 1-43196, 1-52995
 Verma, R.K. Equivalence in electromagnetic (frequency) sounding 1-40214
 Verma, R.K., Bhui, N.C., Rao, C.V. Use of electrical resistivity methods for study of some faults in the Jharia coalfield, India 1-22203
 Verma, R.K. *see* Subrahmanyam, C. 1-32432
 Verma, R.L. *see* Singh, P. 1-29669
 Verma, S.K. *see* Das, U.C. 1-22512
 Verma, S.L., Allawadhi, K.L., Sood, B.S. Determination of integral Compton-scattering cross sections at 279-keV gamma rays from K-shell electrons in Fe, Ni, Cu, Zn, As, Se, and Br 1-1149
 Verma, S.L. *see* Naik, P.K. 1-30543
 Verma, S.M. *see* Dhanshaw Singh, M. 1-24166
 Verman, S.B. *see* Redford, T.G., Jr. 1-44328
 Vermaseren, J.A.M. *see* Gaemers, K.J.F. 1-28334
 Vermeer, A., Van Zwol, N.A. A negative ion source for alkali ions 1-10568
 Vermeer, J. *see* Koolhaas, B.C. 1-21125
 Vermeil, C. *see* Fournier, J. 1-28989
 Vermesse, J., Levesque, D. Triplet interactions in dense noble gases 1-37295
 Vermeulen, D. *see* Munzenberg, G. 1-50695
 Vermeulen, D. *see* Sahm, C.-C. 1-10397
 Vermeulen, D. *see* Schmidt, K.-H. 1-50688
 Vermeulen, J.C. *see* Heijne, E.H.M. 1-28791
 Vermeulen, L.A., Halperin, A. Photoenhancement of the photoconductivity (PC) of electron irradiated semiconducting diamond 1-42816
 Vermeulen, M.J.W. *see* Luthjens, L.H. 1-973
 Vermeulen, P.J. *see* Jones, H.W. 1-1760
 Vermij, L. The voltage across a fuse during the current interruption process 1-34171
 Vermij, L., Kipperman, A.H.M. Solar cell systems, prospects and possibilities 1-17198
 Vermilyea, D.A. *see* Huggins, R.A. (editor) 1-36466
 Vernazza, G. *see* Beltrame, F. 1-23332
 Vernazza, J., Foukal, P. On the secular behavior of seasonal changes in ozone column density 1-36035
 Vernazza, J.E. *see* Machado, M.E. 1-44517
 Vernejo, P.D. *see* De Vernejo, P.
 Vernekar, K.G., Mohan, B. Upper atmospheric turbulence decay over Thumba 1-54181
 Vernickel, H. *see* Kotzloski, H. 1-29925
 Vernigor, A.A. *see* Brainin, G.E. 1-3671
 Vernikov, E.M. *see* Frolov, V.F. 1-50124
 Vernin, G., Meyer, M., Bouscasse, L., Metzger, J., Parkanyi, C. An experimental and theoretical study of dipole moments of N-alkyl-1,3-bis-(p-chlorophenyl)triazines and 1-(3,4-dimethyl-5-isoxazolyl)-3-aryltriazines 1-10672
 Vernin, J. *see* Azouit, M. 1-44325
 Vernin, P. *see* Balestri, B. 1-28343
 Verniolle, J. *see* Campet, G. 1-3015
 Vernois, J. *see* Ardisson, C. 1-18597
 Vernon, F. *see* Brune, J.N. 1-32525
 Vernon, P. The microprocessor goes prospecting 1-13595
 Vernon, R.J., Huggins, B.D. Extension of the Jones matrix formalism to reflection problems and magnetic materials 1-29208
 Vernon, W. *see* Biddick, C.J. 1-18532
 Verotte, J. *see* Kalifa, J. 1-625
 Verotte, J. *see* Vergnes, M. 1-45487
 Vernov, S.N., Tverskoi, B.A., Borodin, N.F., Gorochov, E.V., Elizarov, A.E., Ermakov, S.I., Kadobov, V.B., Kontor, N.N., Lyubimov, G.P., Maidikovskii, I.V., Morozova, T.I., Pereslegina, N.V., Sobachkin, I.V., Stepina, T.I., Tulupov, V.I., Filipychev, S.A., Khotilovskaya, T.G. Measurements of proton and α -particle fluxes on the Venera 11 and Venera 12 automatic interplanetary stations 1-4731
 Vero, J. *see* Adam, A. 1-40058
 Vero-Hetenyi, M. An experiment to detect local movements of the Earth's surface by adjustment as free leveling network 1-40037
 Verolainen, Ya.F., Privakov, V.I. Radiation lifetimes of ²P and ²D states in Cd II 1-1177
 Veron, M.P., Veron, P., Pauliny-Toth, I.I.K., Witzel, A. A study of the 4C catalogue of radio-sources between declinations 20° and 40°. III. 2700 and 5000 MHz flux density measurements 1-49839
 Veron, P. *see* Veron, M.P. 1-49839
 Verona, E. *see* Alippi, A. 1-1791, 1-19408
 Veronis, G. *see* Stommel, H. 1-27177
 Veronis, G. *see* Thompson, R.O.R.Y. 1-4501
 Verozub, L.V. On the space-time properties in noninertial systems of reference 1-40688
 Verplanck, J. *see* Huysse, M. 1-41072
 Verpoort, C. *see* Graf, M. 1-31653
 Verrall, R.E. *see* Safarzadeh-Amiri, A. 1-29099
 Verrill, J.F. The limitations of currently used methods for evaluating the resolution of diffraction gratings 1-46544
 Verrill, J.F., Palmer, E.W. A coma free spectrometer with interferometer attachment for testing diffraction gratings 1-45030
 Verroust, J. *see* Blinowska, A. 1-53769
 Verry, C., Jurek, R., Goulet, P., Lamalle, B. Microwave rotation spectra of ³²SF₆⁸¹Br 1-51186
 Verschueren, R.C.J., Koudstaal, J. The interaction of the CO₂ laser beam with tissues 1-22062
 Vershinin, G.A., Chernov, I.P. Description of elastic backward scattering of ¹⁶O ions by ¹⁶O nuclei with account of the finite dimensions of the colliding particles 1-710
 Vershinin, V.S. *see* Stadukhin, V.D. 1-40236
 Vershinin, Ye.F., Trakhtengerts, V.Yu., Shapayev, V.I. Origin of low-frequency radiation bursts with frequency drift 1-27342
 Versino, B., Ott, H. (editor) Proceedings of the First European Symposium on Physico-Chemical Behaviour of Atmospheric Pollutants 1-9773
 Versluis, J.W. *see* Peelen, J.G.J. 1-1732
 Versmold, H. Magnetic relaxation under fast internal rotation in liquids 1-38995
 Versnel, W. Analysis of a circular Hall plate with equal finite contacts 1-30769
 Verstakov, E.S., Goncharov, V.V., Yastremskii, P.S., Kessler, Yu.M. Dielectric properties of aqueous solutions of dipropylacetamide 1-7993
 Versteeg, H. *see* Wieneke, G.H. 1-27012
 Verster, N.F., Beijerinck, H.C.W., Henrichs, J.M., Van Der Kam, P.M.A. Multiple collisions in molecular beam scattering experiments 1-51262
 Verster, N.F. *see* van der Kam, P.M.A. 1-29080
 Verstraeten, G. Influence of cubic anisotropy in dipole-dipole interactions on structural phase transitions using the renormalization group transformation 1-3341
 Versteeg, I.G. *see* Baisa, D.F. 1-43032
 Vertes, A. Structure of PbO-B₂O₃-Fe₂O₃ melts 1-7064
 Vertes, A., Korecz, L., Burger, K. Mossbauer spectroscopy 1-17957
 Vertes, A. *see* Nyikos, L. 1-15006
 Vertikov, V.P., Panov, A.A. Flashovers over the surface of insulators in SF₆ DC apparatus 1-12455
 Vertogen, G. *see* Flapper, S.D.P. 1-2586
 Vertogradskii, V.A. *see* Loshchinin, Yu.V. 1-52308
 Vertogradsky, V.A. Calculation of thermal effects in DTA 1-26784
 Vertoprakhov, V.N. *see* Danilovich, V.S. 1-30261
 Vertut, J., Francois, D., Moreau, J.-P. A new remote maintenance system: MA 23 M contained servomanipulators, or PICA telescopic support with computerized integrated control and TV cameras 1-50913
 Vertyakhikh, S.M. *see* Ryachev, V.P. 1-44983
 Vervier, J. *see* Michel, C. 1-23602
 Vervoort, A., Stappaerts, H. A new negative movie film - Gevacolor Type 682 1-14189
 Verweij, H. *see* Calveti, M. 1-14778
 Verweij, H. *see* Eggert, K. 1-14753
 Verwest, B.J. *see* Durso, J.W. 1-10327
 Verwoerd, W.S. Cluster calculations of the surface dimer structure on Si(100) surfaces 1-7440
 Verwoerd, W.S. Variation of calculated single bond lengths in saturated hydrocarbon and silicon hydride molecules 1-41320
 Verwoerd, W.S. A study of the dimer bond on the reconstructed (100) surfaces of diamond and silicon 1-52408
 Verwoerd, W.S. *see* Gaigher, E. 1-52405
 Verzegnassi, C. *see* Caprini, I. 1-10257
 Verzera, R. *see* Hsieh, S.Y. 1-45736
 Verzhbitskiy, Ye.V., Savostin, L.A. A multichannel temperature-gradient recorder 1-4642
 Verzhinskaya, A.B. To the problem of phase equilibrium of the system N₂O₄-NO 1-52271
 Verzhinskaya, A.B. *see* Dashuk, A.G. 1-52307
 Ves, S. *see* Muller, H. 1-2619

- Vesecy, J.F., Hsiao, S.V., Teague, C.C., Shemdin, O.H., Pawka, S.S. Radar observation of wave transformations in the vicinity of islands 1-13478
- Vesela, Z., Petru, F., Caha, A. He-Ne lasers and their use in medicine 1-32225
- Vesela, Z. see Petru, F. 1-28056
- Veselago, V.G. see Doroshenko, R.A. 1-52799
- Veselago, V.G. see Tsurkan, V.V. 1-20785
- Vesel'niiskii, I.M. see I'in, A.S. 1-5296
- Veselov, Yu.G. see Chumlyakov, Yu.I. 1-53194
- Veselov, Yu.G. see Korotaev, A.D. 1-2464
- Veselovskii, N.S., Kostyuk, P.G., Tsyndrenko, A.Ya. Separation of ion currents responsible for generation of action potential in somatic membrane of spinal ganglion neurons of newborn rats 1-17371
- Veselovskii, V.V., Nastyukha, A.I. Formation of XeF⁺ exiplexes in a pulsed hollow-cathode glow discharge in a binary mixture of an inert gas and a halogen carrier 1-53418
- Vesely, F.J. Rough Lennard-Jones molecules 1-35533
- Veseth, L. Spin-extended Hartree-Fock calculations of atomic g factors 1-1089
- Veseth, L. Spin-extended Hartree-Fock calculation of atomic fine structure 1-45829
- Veshev, V.A., Kouzov, D.P. Flexural vibrations of T-jointed plates in contact with a fluid 1-19635
- Veshka, Yu. see Valakh, M.Ya. 1-3418
- Vesker, L.I., Gavrilov, V.V., Kizhballo, L.I. Processes occurring during synthesis of the phosphor ZnO.Zn from zinc sulfide 1-48288
- Vesna, V.A., Kolomensky, E.A., Kopelovich, V.B., Lobashev, V.M., Nazarenko, V.A., Pirozhkov, A.N., Shulgina, E.V. Circular polarization of gamma quanta in the radiative capture of polarized thermal neutrons by protons 1-41094
- Vesnichner, V.A. Free-standing cold-light source and binocular viewer with fiber-optics illumination [neurosurgery application] 1-8950
- Vesnin, Yu.I., Zakovryashin, S.P. Calibrating the chamber of an X-ray diffractometer for temperature 1-18347
- Vessot, R.F.C., Levine, M.W., Mattison, E.M., Blomberg, E.L., Hoffman, T.E., Nystrom, G.U., Farrel, B.F., Decher, R., Eby, P.B., Baugher, C.R., Watts, J.W., Teuber, D.L., Wills, F.D. Test of relativistic gravitation with a space-borne hydrogen maser 1-27855
- Vessot, R.F.C., Mattison, E.M., Blomberg, E.L. Research with a cold atomic hydrogen maser 1-19310
- Vessot, R.F.C. see Mattison, E.M. 1-19312
- Vest, C.M. Holographic interferometry. Some recent developments 1-6516
- Vest, C.M. see Genceli, O.F. 1-15077
- Vestrand, W.T. see Marscher, A.P. 1-49488
- Vestrucci, P. see Spiga, G. 1-36983
- Vet, R.J. see Chan, W.H. 1-35728, 1-35734
- Vetchinkin, S.I., Polyunov, V.A. Photoionization of the negative molecular ion A₂⁻ 1-41444
- Vetelino, J.F. see Josse, F. 1-46621
- Vetelino, J.F. see Umarov, B.S. 1-16569, 1-21106
- Vetsnik, M. Spectral analysis of late type spectra. I. Catalogue of atomic lines suitable for quantitative spectral analysis of the late type stars 1-40360
- Vetokhin, S.S., Gulakov, I.R., Pisyak, Yu.V. Effect of external factors on establishment of photomultiplier operating mode 1-44978
- Vetokhin, S.S. see Antonovich, A.I. 1-18977
- Vetokhin, S.S. see Butskii, V.V. 1-1033
- Vetoria, A. Hernandez see Hernandez Vetoria, A.
- Vetrella, S. see Moccia, A. 1-4665
- Vetrov, A.N. Reliability of structural elements under random cyclic loading 1-30311
- Vetrov, E.M., Ikhlov, E.M. A possibility for the use of highly active fuel regeneration wastes of fast power reactors 1-23801
- Vetrov, V.A. see Khrantsov, V.A. 1-3238
- Vetrov, V.A. see Lutskiy, A.E. 1-37118
- Vetrovec, M.B., Carneiro, G.M. Thermodynamics of dilute gases: application to submonolayer He films 1-2762
- Vetsko, V.M. see Baiadze, K.V. 1-2138
- Vettagen', V.I., Kuksenko, V.S., Frolov, D.I., Chmel', A.E. Growth mechanism of a main crack in polymers 1-12859
- Vetter, J. see Egan, P.O. 1-51324
- Vetter, J. see Orth, H. 1-10875
- Vetter, R. Line shapes in laser spectroscopy 1-36743
- Vetter, R., Berman, P.R. Line shapes in laser experiments 1-45903
- Vettier, C. Pressure effects and lattice parameter correlations in CEF split systems 1-20939
- Vettier, C. see Bastie, P. 1-52902
- Vettier, C. see Day, P. 1-52752
- Vettier, C. see Fournier, J.M. 1-47860
- Vettier, C. see Megret, S. 1-7332, 1-42369
- Vettier, C. see Rossat-Mignod, J. 1-47854
- Vettier, C. see Yelon, W.B. 1-20331
- Vettolani, G., Marano, B., Zamorani, G., Bergamini, R. The mass-angular momentum density relation for spiral galaxies 1-4977
- Vettolani, G., Marano, B., Zitelli, V., Rafanelli, P., Birkle, K., Hefehe, H., Barbon, R., Ciatti, F., Rosino, L., Kirshner, R., Panagia, N., Wamsteker, W., Danks, A.C., Tokarz, S.P., Shao, C.-Y. Supernova in NGC 4536 1-49699
- Vettolani, G. see Marano, B. 1-17860
- Vettolani, P. see Marano, B. 1-17860
- Veuclen, P. see Smeyers, P. 1-54475
- Veverka, A. Modelling of a long flash-over by switching waves 1-34135
- Veverka, J., Burns, J.A. The moons of Mars 1-13720
- Veverka, J. see Soderblom, L. 1-36209
- Veyre, A. see Maublant, J. 1-53861
- Veyre, P., Sommeria, G., Fouquart, Y. Modelling the effect of IR radiative fields on cloud dynamics 1-44269
- Veysic, J.J. see Lienard, A. 1-25904
- Veysic, J.J. see Garoché, P. 1-30620
- Veysic, M. see Dubault, A. 1-16031
- Veza, D., Movre, M., Pichler, G. The shape of the inner-wing satellites of self-broadened first resonance lines of caesium and rubidium 1-6188
- Vezentsyna, Z.V., Spiridonov, R.V. Method of determining the temperature dependence of magnetization of R-Co alloy magnets 1-18260
- Vezin, W.R., Florence, A.T. Diffusive desorption of small solute molecules from amorphous polymers: poly(methyl methacrylate), poly(vinyl acetate) and (n-alkyl 2-cyanoacrylates) 1-46976
- Veziroglu, T.N. (editor) Solar Energy International Progress. Proceedings of the International Symposium-Workshop on Solar Energy 1-13931
- Vezzetti, D.J., Aks, S.O. Ultrasonic scattering theory. II. Scattering from composites 1-6701
- Vezzoli, G.C. Interpretation of amorphous semiconductor threshold switching based on new decay-time data 1-7678
- Vezzoli, G.C. High-pressure and high-temperature studies of liquid bismuth. Effects of copper and platinum contacts 1-20721
- Vezzoli, G.C. High pressure studies of liquid bismuth and liquid lead 1-42739
- Vezzoli, G.C. Single fast-pulsed interruption of on state of amorphous threshold switch: I-V decay curve and trapped-carrier lifetime 1-47717
- Vezzoli, G.C., Cadwallender, W. Single laser photosuppression and photodarkening effects in As₂S₃ and As₂Se₃ and relationship to inhomogeneities and structure of the glass 1-26292
- Vi Tran Tuc see Tran Tuc Vi
- Via, G.G. Laser beam steering system 1-37522
- Vial, J.C., Lemaire, P., Artztner, G., Gouttebroze, P. O VI (λ=1032 Å) profiles in and above an active region prominence, compared to quiet Sun center and limb profiles 1-27458
- Vial, J.C. see Buisson, R. 1-48152
- Vial, J.C. see Jouchoux, A. 1-40448
- Vial, M. see Martin-Bouyer, J. 1-25736
- Vialarion, A.C. Hybrid chemical concepts for storage of solar thermal energy 1-17312
- Vialle, J.-L. see Hong Tuan Duong 1-24288
- Vialle, J.-L. see Liberman, S. 1-19057
- Vialle, M. see Fitairé, M. 1-38122
- Vialle, M. see Pointu, A.M. 1-11521
- Viallefond, F. see Lequeux, J. 1-32753
- Viana, C.S. da Costa see da Costa Viana, C.S.
- Viana, C.S. Da C. see Da C. Viana, C.S.
- Viana, L.M. see Takahata, Y. 1-33399
- Viani, F., Gesmundo, F. The relationships between the different rate constants and the diffusion properties of the oxides in the parabolic oxidation of a metal or a lower oxide to multilayer scales: application to the oxidation of iron 1-16944
- Viano, D.C., Stalnaker, R.L. Mechanisms of femoral fracture 1-17429
- Viano, G.A. On the harmonic analysis of the elastic scattering amplitude of two spinless particles at fixed momentum transfer 1-5121
- Viano, G.A. see Bertero, M. 1-1485, 1-51362
- Viano, G.A. see Di Salvo, E. 1-14416, 1-14420
- Viaris De Lesegno, P., Hennequin, J.-F. Ar⁺ excited aluminium Auger electron emission from Cu-Al alloys 1-48216
- Vibholm, S., Mollerup, J. On the compressibility factor for SF₆ 1-11511
- Vic, R.L., Pompon, J.P. Electrolytic process of hydrogen production improvement 1-39845
- Vicari, L. see Ambrosone, G. 1-39813, 1-39819
- Vicari, L. see Bloisi, F. 1-39814
- Vicario, E., Escudé, B. Calculation by the Monte Carlo method of the spatial distribution of backscattered electrons 1-16636
- Vicat, J. see Dumas, P.Y. 1-15864
- Viccaro, M.H. de A. see Sharma, R.R. 1-42729
- Viccaro, P.J., Shenoy, G.K., Niarcho, D., Dunlap, B.D. ¹⁶⁶Er Mossbauer and X-ray diffraction study of ErMn₂ hydrides 1-3304
- Viccaro, P.J. see Cashion, J.D. 1-16514
- Viccaro, P.J. see Dunlap, B.D. 1-20141
- Viccaro, P.J. see Fish, G.E. 1-25203
- Viccaro, P.J. see Niarcho, D. 1-7132
- Viccaro, P.J. see Shenoy, G.K. 1-3303, 1-43053
- Vicens, J. see Hagege, S. 1-20222
- Vicens, J. see Nouet, G. 1-38383
- Vicente, J. see Jaraiz, M. 1-16340
- Vicentini, V. see Fuzzi, S. 1-13586
- Vicharelli, P. see Collins, C.B. 1-37279
- Vicharelli, P.A. see Collins, C.B. 1-48705
- Vick, B., Ozisik, M.N., Bayazitoglu, Y. A method of analysis of low Peclet number thermal energy region problems with axial conduction 1-2082
- Vickovic, I. see Giacomazzo, C. 1-15746
- Vickrey, J.F., Rino, C.L. Chatanika/TRIAD observations of unstable ionization enhancements in the auroral F-regions 1-17724
- Vicses, T. Simple variational method for the closures of the Ornstein-Zernike equation: a study of liquid instability 1-2304
- Vicses, T., Kertesz, J. Finite size scaling study of percolation on the honeycomb lattice with various length to width ratios 1-27900
- Vicses, T., Kertesz, J. Monte Carlo renormalisation-group approach to percolation on a continuum: test of universality 1-32922
- Victor, P., Madhusudhana Rao, D.M., Ramana, K.V.V. A model electron-density profile for nighttime equatorial lower ionosphere 1-13628
- Victoria, J. see Bhat, S.P. 1-3768
- Victory, H.D., Jr., Mong, K.K. Remarks on criticality problems for slabs and spheres in energy-dependent neutron transport 1-5823
- Vidadi, Yu.A. On the Meyer-Neldel rule in the electrical conductivity of organic semiconductors 1-7611
- Vidal, C.R. Coherent VUV sources for high resolution spectroscopy 1-29332
- Vidal, C.R. see Junginger, H. 1-15220
- Vidal, C.R. see Leubner, C. 1-46449
- Vidal, C.R. see Puell, H. 1-1640
- Vidal, D., Tufeu, R., Garrabos, Y., Le Neindre, B. Thermophysical properties of noble gases at room temperature up to 1 GPa 1-38042
- Vidal, H. Continental deep drilling programme in the Federal Republic of Germany 1-27251
- Vidal, J.-L. see Laques, P. 1-13857, 1-36312
- Vidal, P. see Auvray, B. 1-49233
- Vidal, R.A. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Vidal, R.A. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Vidal, R.A. see Dorfan, J.M. 1-41020
- Vidal, R.A. see Himel, T.M. 1-18482
- Vidal, R.A. see Scharre, D.L. 1-18485, 1-45292
- Vidal-Madjar, A. see Barker, E. 1-44483
- Vidal-Madjar, A. see Bruston, P. 1-54574
- Vidal-Madjar, A. see Ferlet, R. 1-44604
- Vidal-Madjar, A. see Prevot, L. 1-13846
- Vidali, G., Cole, M.W. Effective interaction between He atoms on a graphite surface 1-25523
- Vidaud, P.H. see Tedder, J.M. 1-10869
- Videau, H. see Aston, D. 1-14399, 1-45297, 1-50442
- Videau, I. see Abrams, G.S. 1-10242, 1-50450
- Videau, I. see Aston, D. 1-14399, 1-45297, 1-50442
- Videau, I. see Dorfan, J.M. 1-41020
- Videau, I. see Himel, T.M. 1-18482
- Videau, I. see Scharre, D.L. 1-18485, 1-45292
- Videau, M.I. see Abrams, G.S. 1-10208
- Videbaek, F. see Christensen, P.R. 1-18663
- Videc, M.F. Electromagnetic radiation in plasmas and in moving simple media. A geometric optics formulation matched to far zone field approximations 1-42179
- Videla, H.A. see Salvarezza, R.C. 1-53337
- Videla, L. see Vecchi, M.P. 1-48130
- Videm, K. see Lunde, L. 1-21636
- Vidhani, T. see Mohan, M. 1-19186
- Vidmar, P.J. The dependence of bottom reflection loss on the geacoustic parameters of deep sea (solid) sediments 1-15313
- Vidolova-Angelova, E.P. see Bckov, G.I. 1-1195, 1-14852
- Vidozzi, G. see Chiesa, W. 1-15499
- Vidrevis, M.B., Bamburov, V.G., Zhukovskii, V.M. Electrochemical investigation of the solid oxide phases of Eu(II) and Eu(III) 1-39700
- Vidyakin, G.S. see Bugorski, A.P. 1-18653
- Vidyakin, V.V. Solution of one two axisymmetrical bodies translatory-rotatory motion problem 1-17760
- Viebrock, J.M., Malin, D.H. Underwater fuel disassembly and rod storage summary 1-18842
- Viehland, L.A., Lin, S.L., Mason, E.A. Kinetic theory of drift-tube experiments with polyatomic species 1-39595
- Vieillefosse, P. see Hansen, J.P. 1-40706
- Vieira, G.G. see Debehogne, H. 1-9406
- Vieira, J.L. see Di Napoli, V. 1-10325
- Vielsack, P. On the stability of twisted plates 1-11331
- Vielstich, W. Modern aspects of electrochemical energy storage 1-35713
- Vielzeuf, D. see Boivin, P. 1-32558
- Vienet, J. see Jardino, M. 1-44872
- Viennot, J.P. see Dayan, E. 1-19104
- Vienot, F. Relations between inter- and intra-individual variability of color-matching functions. Experimental results 1-43878
- Vienot, J.C. see Goedgebuier, J.P. 1-37445

- Vienot, J.Ch., Ferriere, R., Goedebuer, J.P. Conjugation of space and time variables in optics 1-41555
- Vienot, J.Ch. see Calatroni, J. 1-41560
- Vienot, J.Ch. see Goedebuer, J.P. 1-41561, 1-46588
- Vienot, J.Ch. see Schlenker, M. (editor) 1-36456
- Viens, R.E., Brotherton, M.K. An improved sound-level meter from Radio Shack 1-46644
- Vieren, J.P. see Binowski, J. 1-47462
- Vieren, J.P. see Guldner, Y. 1-31131
- Vieren, J.P. see Voisin, P. 1-52920
- Viergever, M.A. A direct asymptotic approach in cochlear fluid mechanics 1-32129
- Vierne, R., Brunel, R., Maury, L. IR study of neutral dihydrated potassium fumarate $K_2C_2H_4O_4 \cdot 2H_2O$ 1-2392
- Vierne, R. see Maury, L. 1-48076
- Vierstein, L.J. Intracranial pressure monitoring 1-27021
- Viescas, A.J. see Morris, C.L. 1-723
- Viescou, C. Special batteries and their uses 1-32004
- Viesti, G. see Cernigoi, C. 1-50657
- Viet Nguyen Ai see Nguyen Ai Viet
- Vieth, H.M. see Furrer, R. 1-7934
- Viets, H. Coherent structures in time dependent shear flows 1-1933
- Vietzke, E. see Huks, P. 1-25555
- Viezee, W., Singh, H.B. The distribution of berylum-7 in the troposphere: implications on stratospheric/tropospheric air exchange 1-17654
- Vig, J.R., Brandmayr, R.J., Filler, R.L. Etching studies on singly and doubly rotated quartz plates 1-16936
- Vig, P.K. see Khattri, K. 1-54260
- Viggassy, J. Xenon fluctuation in nuclear power reactors 1-800
- Vigdorovich, N.E. Decay instabilities of waves of finite amplitude in nonlinear insulators 1-3000
- Vigdorovich, V.I. Evolution of the distribution function during quasi-linear relaxation of an electron flow in an homogeneous plasma 1-38116
- Vigdorovich, E.N., Eskin, S.M. Phase equilibrium in the Zn-Ga-P system 1-31431
- Vigdorovich, E.N. see Bykovskii, Yu.A. 1-24535
- Vigdorovich, E.N. see Osinskii, V.I. 1-3011
- Vigdorovich, V.N., Korovina, Z.V., Strukov, V.M. Electrochemical method of detecting macrodefects in oxidized films on metals and semiconductors 1-21656
- Vigdorovich, V.N. see Yarmolyuk, N.I. 1-25331
- Vigee, G.S., Watkins, C.L., Harris, M.E. NMR linebroadening studies of transition metal complexes in acetonitrile solution 1-37224
- Vigeholm, B., Kjoller, J., Larsen, B. Magnesium for hydrogen storage 1-21766
- Viggiano, A.A., Perry, R.A., Albritton, D.L., Ferguson, E.E., Fehsenfeld, F.C. The role of H_2SO_4 in stratospheric negative-ion chemistry 1-13537
- Viggiano, A.A. see Perry, R.A. 1-17649
- Viggiano, A.A. see Rowe, B.R. 1-39589, 1-43664
- Vigier, J.P. De Broglie waves on Dirac aether: a testable experimental assumption 1-23011
- Vigier, J.P. see Cufaro Petroni, N. 1-23047, 1-33138
- Vigier, J.P. see Garuccio, A. 1-32871
- Vigier, J.P. see Petroni, N.C. 1-33152
- Vigier, J.P. see Sella, F. 1-97
- Vigier, J.-P. see Garuccio, A. 1-18060
- Vigil, O. see Romeo, N. 1-13132
- Vigler, M.S., Varnes, A.W., Strecker, H.A. Sample preparation techniques for AA and ICP spectroscopy 1-13047
- Vigliano, P. see Autric, M. 1-40197
- Vigna Filho, E. del del Vigna Filho, E.
- Vignaud, D. see Deden, H. 1-28311
- Vignaud, D. see Fritze, P. 1-14431
- Vignaud, G. see Berger, R. 1-21047
- Vignaud, J. see De Smedt, E. 1-43958
- Vigne-Maeder, F. Natural states of interacting systems and their use for the calculation of intermolecular forces. V. Three-body coefficients 1-14972
- Vignerot, F., Bonnet, M., Kahn, R. Determination of crystal field parameters in ErB_3 by inelastic neutron scattering 1-25675
- Vignerot, J. see Redon, A.M. 1-17220, 1-32033
- Vignolo, J., Rivas, J.L.A. Ionic conductivity in KCl irradiated at room temperature 1-11899
- Vignon, B. see Boehm, F. 1-18466
- Vignon, J.-M., Cambon, C. Thermal spectral calculation using eddy-damped quasi-normal Markovian theory 1-11373
- Vignudelli, A. Quareni see Quareni Vignudelli, A.
- Vigny, P. see Le Beyec, Y. 1-27042
- Vigo, J.M., Reme, H., Saint-Marc, A. Simulation of the motion of energetic electrons in the ionosphere and magnetosphere for the Araks experiments 1-44363
- Vigo, J.M. see Gringaux, K.I. 1-44372, 1-44373
- Vigo, J.M. see Izhevskina, N.I. 1-44391
- Vigouroux, B. Conduction electron spin resonance as a probe of zinc diffusion in lithium film 1-12402
- Vigouroux, B. Spin-flip and resistivity scattering of conduction electrons due to metallic impurities dissolved in lithium and sodium 1-38983
- Vigue, J. see Bacis, R. 1-6227
- Viguie, J.C., Bernard, H. Water vapour electrolysis at 850°C: Characteristics of a 50 cm² plane cell 1-43820
- Viguier, J. see Migniot, C. 1-27147
- Viitasalo, J.T., Saukkonen, S., Komi, P.V. Reproducibility of measurements of selected neuromuscular performance variables in man 1-53771
- Vij, K.K., Vogel, J.S., Venkatesan, D. Auroral X-ray observations at 60- to 30-km altitudes 1-17732
- Vijay Kumar, A., Chaudhuri, A.K. Thermoelectric power of vacuum evaporated PbTe films 1-52587
- Vijay Kumar, D., Sharma, S.K. Effect of excess temperature on the efficiency of Au-GaAs Schottky barrier solar cells 1-32023
- Vijaya Kumar, K.K., Ramanamurti, D.V., Venkatacharyulu, P., Premaswarup, D. NQR investigations in crystalline 2,5-dichloroacetanilide 1-47968
- Vijayakumar, R. see Selvam, A.M. 1-49372
- Vijayakumar, V., Vaidya, S.N., Sampathkumaran, E.V., Gupta, L.C., Vijayaraghavan, R. Thermoelectric behaviour of Sm_2Bi_3 and Yb_2Bi_3 at high pressures 1-38802
- Vijayaraghavan, R. see Vijayakumar, V. 1-38802
- Vijayaraghavan, R. see Hatwar, T.K. 1-43219
- Vijayaraghavan, R. see Nagarajan, R. 1-43218
- Vijayaraghavan, R. see Padalia, B.D. 1-43241
- Vijayaraghavan, R. see Rao, C.N.R. 1-29034
- Vijayaraghavan, R. see Sampathkumaran, E.V. 1-52872
- Vijh, A.K. A chemical approach to the estimation of surface plasmon energies of some metals 1-7700
- Vikarchuk, A.A., Leksoskii, A.M., Mamontov, E.A. Specific features of the fracture of composite materials based on electrolytic copper 1-3885
- Vikhnia, V.S. Spin relaxation due to the exchange scattering of carriers from charged paramagnetic impurities in semiconductors 1-12386
- Vikhnia, V.S., Zaritskii, I.M., Konchits, A.A. Spin-lattice relaxation of Cr^{3+} in silicon 1-26026
- Vikhnia, V.S. see Bugai, A.A. 1-7943, 1-21042
- Vikhnia, G.V., Oleinik, V.P. The electrodynamics of dispersing medium 1-51345
- Vikhrov, M.N., Karapetyan, G.O. Method of producing photochromic gradient layers 1-41803
- Vikram, C.S., Vadam, K. Laser speckle photography for supersensitive dial gauge 1-5280
- Vikram, C.S., Vadam, K. Unified approach for time-average holography of separable fine motions 1-15095
- Viktoravichyus, V. see Bareikis, V. 1-30796
- Viktorov, V.A., Golovkin, S.V., Dzheyladin, R.I., Zaitsev, A.M., Kachanov, V.A., Konstantinov, A.S., Konstantinov, V.F., Kubarovskii, V.P., Kulik, A.V., Landsberg, L.G., Leont'ev, V.M., Mukhin, V.A., Obratsov, V.F., Prokoshkin, Yu.D. Study of $\eta-\mu^+\mu^-$ decay 1-10197
- Viktorov, V.A., Golovkin, S.V., Dzheyladin, R.I., Zaitsev, A.M., Kachanov, V.A., Konstantinov, A.S., Konstantinov, V.F., Kubarovskii, V.P., Kulik, A.V., Landsberg, L.G., Leont'ev, V.M., Mukhin, V.A., Obratsov, V.F., Petrunina, T.I., Prokoshkin, Yu.D. Study of the electromagnetic structure of η mesons in $\eta-\mu^+\mu^-$ decays 1-10221
- Viktorov, V.A., Golovkin, S.V., Dzheyladin, R.I., Zaitsev, A.M., Kakauridze, D.B., Konstantinov, A.S., Konstantinov, V.F., Kubarovskii, V.P., Landsberg, L.G., Leont'ev, V.M., Mukhin, V.A., Obratsov, V.F., Prokoshkin, Yu.D. Further study of the $\eta-\mu^+\mu^-$ decay 1-10222
- Viktorov, V.A. see Dzheyladin, R.I. 1-23503
- Viktorov, I.V. see Suvorova, Yu.V. 1-12812
- Viktorovitch, P., Modell, G. Interpretation of the conductance and capacitance frequency dependence of hydrogenated amorphous silicon Schottky barrier diodes 1-7704
- Vikulin, I.M., Kurmashev, Sh.D., Gin'ko, V.I., Andreev, V.I. Influence of heat treatment on the surface barrier parameters of Ni-Ni-Si structures obtained by the method of electric explosion of a metal 1-3074
- Vikulin, V.V. Interaction of a tornado-like vortex with solid boundaries 1-46758
- Vikulov, V.F., Kalyuzhnyi, V.E. Effect of errors of fabrication on the characteristics of standing wave accelerating structures 1-41263
- Vila, S.C. Nuclear burning in massive accretion disks 1-32722
- Vilain, P. see Allasia, D. 1-23495
- Vilanova, D. see Ajnenko, I.V. 1-5667
- Vilanova, D. see Denegri, D. 1-28356
- Vilanova, P. see Ajnenko, I.V. 1-592
- Vilanove, R., Rondelez, F. Scaling description of two-dimensional chain conformations in polymer monolayers 1-7431
- Vilche, J.R. see Real, S.G. 1-17061
- Vilches, O.E. see Fortson, E.N. 1-269
- Vilches, O.E. see Stephens, P.W. 1-25565
- Vilches, O.E. see Stoltenberg, J. 1-11880
- Vil'danova, N.F. see Morozova, V.M. 1-31690
- Vilela Pinto, L.M., Coelho, M.A.S. The reaction of the human body to the passage of electric current 1-4256
- Vilemas, J.V. see Nemira, M.A. 1-29676
- Vilenkin, A. Theory of thermoelectric effects in dilute alloys 1-20709
- Vilenkin, A. Equilibrium parity-violating current in a magnetic field 1-23454
- Vilenkin, A. Cancellation of equilibrium parity-violating currents 1-28242
- Vilesov, F.I. see Golovin, A.V. 1-18331
- Vilfan, M., Seliger, J., Zagar, V., Blinc, R. ¹⁴N NQR and ¹H NMR study of the smectic B phase of IBPAC 1-3290
- Viliani, G., Pilla, O., Montagna, M., Boyrivent, A. Magnetic and electric dipole transitions in $MgO:V^{2+}$. Shape of the zero-phonon lines 1-31949
- Viliani, G. see Mugnai, D. 1-12076
- Villano, A.A., Gernogenov, V.P., Maksimova, N.K., Epiketoza, L.E. Doping of solid solutions in liquid epitaxy. III. Tellurium in $Al_2Ga_{1-x}Sb_x$ 1-42652
- Villisio, M.D. see Lavrentieva, L.G. 1-20591
- Viljanen, J., Leppihalme, M. Planar optical coupling elements for multimode fibers with two-step ion migration process 1-33804
- Viljoen, P.E. see Davis, G.D. 1-16656
- Vil'khovchenko, S.D., Yakimov, Yu.L. Hydrodynamic reactions on a small body with surface undergoing deformation in an ideal incompressible fluid when the flow is three dimensional and irrotational or two dimensional with uniform vorticity 1-51730
- Vilkov, L.V. see Belyakov, A.V. 1-51294
- Vilkov, L.V. see Khaikin, L.S. 1-1401
- Vilkov, L.V. see Mastryukov, V.S. 1-6128, 1-33574
- Vilks, G., Mungall, C. Monitoring the deep ocean 1-40142
- Vilks, Yu.K. see Saulgozis, Yu.Zh. 1-17453
- Villa, F. see Haber, B. 1-14433
- Villa, J.J. Family of flat field meniscus corrector catadioptric lenses of the Maksutov type 1-45058
- Villa, M., Bjorkstam, J.L. ²³Na and ²⁷Al in β -alumina solid electrolytes 1-26074
- Villa, M., Bjorkstam, J.L. The role of disorder in superionic conductors 1-34516
- Villa, M. see Bjorkstam, J.L. 1-7973, 1-12411, 1-26073, 1-52855
- Villa, M. see Flor, G. 1-7970
- Villadoniga, J.I. Assessing damage suffered by core of TMI-2 nuclear power plant reactor as result of accident 1-28618
- Villaggio, P. The thermodynamics of fatigue-sensitive materials 1-11356
- Villain, J. Two-dimensional solids and their interaction with substrates 1-7477
- Villain, J. Elementary excitations in magnetic chains 1-7801
- Villain, J., Bidaux, R., Carton, J.-P., Conte, R. Order as an effect of disorder 1-20944
- Villain, J., Gordon, M.B., Rossat-Mignod, J. Phase diagram of cerium antimonide 1-47885
- Villain, J.P. Treatment of the raw data from the CACTUS accelerometer. Study of perturbations by means of a scale of the thermosphere density 1-9304
- Villain, J.P. see Gay, J. 1-4791
- Villain, J.-P. see Denanot, M.-F. 1-31571
- Villain, J.-P. see Vergnol, J. 1-12753
- Villalon, E. Resonant parametric excitations driven by lower-hybrid fields 1-19894
- Villalongue, P., Longuemard, J.-P. Measurements of sea sediment planewave reflection coefficient 1-4487
- Villalongue, P. see Longuemard, J.-P. 1-54065
- Villanen, P. see Batyuno, B.V. 1-600
- Villanen, P. see Boos, E.G. 1-5661
- Villani, S. An annotated bibliography on cortical visual evoked potential on healthy humans, from 1974 to 1978 1-30
- Villani, S. An annotated bibliography on cortical visual evoked potential on healthy humans, from 1974 to 1978 1-31
- Villani, S. Some ergonomic terms. Visual vs. functional visual field 1-4265
- Villani, S. An ergonomic problem: considerations on a method of verifying accommodation to the plane of work [vision] 1-4392
- Villani, S. An annotated bibliography on cortical visual evoked potential on healthy humans, from 1974 to 1978 1-17961
- Villani, S. An annotated bibliography on cortical visual evoked potential on healthy humans, from 1974 to 1978 1-44736
- Villani, S., Santalucia, L., De Napoli, P.A. Considerations on the dependency of contrast threshold on age, at the limit of resolution 1-48996
- Villante, U. On the role of Alfvénic fluctuations in the inner Solar System 1-40298
- Villar, E. see Adamovich, M.I. 1-45317
- Villar, E. see Amoros, J. 1-52326
- Villar, E. see Fiorino, A. 1-50583

- Villar, J.A. see Navarro Belsue, J.M. 1-50288
 Villard, M.M. see Hubert, P. 1-45452
 Villardi, J.C. see Cahen-de see Cahen-de Villardi, J.
 Villari, A. see Fidecaro, G. 1-591
 Villari, A.C.C., Mittig, W. A potassium charge exchange cell with recycling for a negative ion source 1-37042
 Villarreal, R., Phipps, R.D. Identification of ruptured fuel elements in subassemblies irradiated in BER-II 1-45613
 Villarroel, D. see Teitelboim, C. 1-9850
 Villarrubia, M., Coronas, A., Llorens, M. Solar radiation incident on tilted flat surfaces in Barcelona, Spain 1-8681
 Villarruel, C.A., Moeller, R.P. Fused single mode fibre access couplers 1-51617
 Villaseñor, G. Torres see Torres Villaseñor, G.
 Villaseñor, P. Simplified method of calculating thermodynamic properties of electron gas 1-27867
 Villata, L. see Castro, E.A. 1-37093
 Villaverde, A. Balbin see Balbin Villaverde, A.
 Villchur, E., Allison, R.F. The audibility of Doppler distortion in loudspeakers 1-29499
 Villegier, J.C., Matheron, G. Some properties of Nb-Nb₂O₅-Pb(In) Josephson tunnel junctions for devices applications 1-52713
 Villem, Ya.Ya. see Zverev, V.V. 1-33504
 Villeneuve, B. see Fontaine, G. 1-54486
 Villeneuve, D.M. Device for measuring positions in spherical coordinates 1-255
 Villeneuve, G. see Dordor, P. 1-7647
 Villeneuve, J.-P. see Girard, G. 1-49304
 Villepin, J. de see de Villepin, J.
 Villers, P. de see de Villers, P.
 Villiers, J.P.R. de see de Villiers, J.P.R.
 Vilmer, N. see Pick, M. 1-4879
 Vil'ner, G.A., Aleksandrov, G.V., Avakova, T.A., Neplokh, E.G. Thermoconductometric method of studying blood coagulation 1-44033
 Vil'ner, G.A. see Aleksandrov, G.V. 1-49134
 Vilter, W. see Kroth, R. 1-45404
 Vinai, F. see Lillia, P. 1-7817, 1-25983
 Vinas, F.J., Lozano, M., Madurga, G. Double folding with a density-dependent effective interaction and its analytical approximation 1-45524
 Vinayagalingam, T. Preliminary wind tunnel tests on the pedal wind turbine 1-13075
 Vinberg, N., Kristensen, K. Fission Mo-99/Tc-99m generators—a study of their performance and quality 1-43950
 Vince, M., Lahey, R.T., Jr. Flow regime identification using a high-intensity X-ray system 1-29810
 Vince, M., Moreira, S.H., Lahey, R.T., Jr. Derivative signal thresholding for a local void impedance probe 1-29809
 Vincelli, M.L. see Amendolia, S.R. 1-18959, 1-18960
 Vincent, B. Electrical properties of zinc selenide 1-20750
 Vincent, C. see Eiteba, M. 1-20000
 Vincent, C.A. see Bonino, F. 1-7396
 Vincent, C.A. see Finlayson, D.M. 1-7354
 Vincent, D., Lit, J.W.Y. TM₂-TE₀ conversion in birefringent waveguide with taper 1-11180
 Vincent, D., Otis, G. Hybrid bistable devices at 10.6 μm 1-46545
 Vincent, E., Killingley, J.S., Berger, W.H. Stable isotope composition of benthic foraminifera from the equatorial Pacific 1-49289
 Vincent, E., Verdonck, L., Van Der Kelen, G.P. Synthesis and infrared study of (C₆H₅)₃PCr(CO)₂ (X=Cl, Br, I, H; n=0-3) and (C₆H₅)₃PRCr(CO)₂ (R=methyl, ethyl, i-propyl, t-butyl) compounds 1-26195
 Vincent, E. see Argan, P.E. 1-28331, 1-33190
 Vincent, G. Deep level study by analysis of thermal and optical transients in semiconductor junctions 1-12059
 Vincent, G. see Nouailhat, A. 1-30671
 Vincent, G.M. see Lux, R.L. 1-32304
 Vincent, L.M. Corrosion resistance, at high temperatures, of some alloys, in atmospheres containing sulphur compounds: influences of the composition of the atmosphere and alloys 1-43618
 Vincent, M. see Vogel, C. 1-30551
 Vincent, M.A., Dykstra, C.E. The cyanamide-isocyanamide rearrangement 1-10636
 Vincent, M.A. see Benzal, M.A. 1-45806
 Vincent, M.G. see Ashkenazi, J. 1-52484
 Vincent, M.G. see Flack, H.D. 1-35304
 Vincent, P. see Brunet, H. 1-41678
 Vincent, P. see Stoller, C. 1-6354
 Vincent, R. see Rifkin, W. 1-53654
 Vincent, R.K. see Holmes, Q.A. 1-13615
 Vincent-Geisse, J. see Goulay, A.M. 1-25138
 Vincenzini, P. see Babini, G.N. 1-48307
 Vincenzini, P. (editor) Energy and Ceramics. Proceedings of the 4th International Meeting on Modern Ceramics Technologies 1-13927
 Vincett, P.S., Barlow, W.A. Highly organized aromatic molecular systems using Langmuir-Blodgett films: structure, optical properties and probable epitaxy of anthracene-derivative multilayers 1-6270
 Vinciguerra, D. see Fallica, P.G. 1-14532, 1-50606
 Vincez, H. see Huyse, M. 1-41072
 Vincze, L., van der Woude, F. Correlation between amorphous and metastable crystalline alloys 1-30076
 Vincze, L. see Babic, E. 1-30697
 Vincze, L. see Kemeny, T. 1-34881
 Vincze, L. see Schaafsma, A.S. 1-31074
 Vindryaevskii, V.A. see Shitikov, Yu.L. 1-52242
 Vindryaevskii, B.A., Ishmaev, S.N., Sadikov, I.P., Chernyshov, A.A., Sukhoparov, V.A., Telepnev, A.S. Neutron diffraction study of solid parahydrogen at pressure up to 5 kbar 1-38613
 Vine, D.M. Le see Le Vine, D.M.
 Vineg, J.C. Preliminary identification of hydroxyl bands at <1200 Å 1-24121
 Vines, R.G., Tomlinson, A.I. An analysis of New Zealand's rainfall 1-44279
 Vinet, J.-Y. The gravitational coupling between solid elastic resonators 1-50016
 Vinet, L. Some invariant solutions to the Yang-Mills equations in the presence of scalar fields in Minkowski space 1-33117
 Vinet, L. see Harnad, J. 1-5460, 1-28166, 1-33119
 Vinetskii, V.L., Entinon, I.R., Kholodov, G.A. Factors determining the cross section and mean energy of Frenkel defect formation by irradiation of crystals with fast particles 1-2435
 Vinetskii, V.L., Kuktarev, N.V., Sal'kova, E.N., Sukhoverkhova, L.G. Mechanisms of dynamic conversion of coherent optical beams in CdS 1-33639
 Viney, I.T. see Bosanquet, A.G. 1-13369
 Vingsbo, O. see Hogmark, S. 1-39403
 Vingsbo, O. see Osterlund, R. 1-25543
 Vinh, T., Afzali, M., Roche, A. Fast fracture of some usual metals at combined high strain and high strain rate 1-39459
 Vinh Mau, N. see Duggan, F. 1-50608
 Vinh Mau, N. see Lassaut, M. 1-23655
 Vinit, A. see Nectoux, P. 1-37200
 Vinitskii, S.I., Melezhih, V.S., Ponomarev, L.I., Puzynin, I.V., Puzynina, T.P., Somov, L.N., Truskova, N.F. Calculation of the energy levels of μmesic molecules of hydrogen isotopes in the adiabatic representation of the three-body problem 1-10876
 Vinitskii, S.I. see Bakalov, D.D. 1-6412, 1-29151
 Vinitsky, A.Kh. see Abdrahmanov, E.O. 1-722
 Vinjamuri, K. Fission-gas-induced fuel swelling in low- and medium-burnup fuel during high-temperature transients 1-5946
 Vinkler, P., Walter, W., Keresztury, G. Fermi resonance and coupling effect in the NH₂-group of thioacetamide 1-14892
 Vinnikov, A.Ya., Meshkov, A.M., Savushkin, V.N. Neutron percolation conductivity of a polycrystalline structure 1-52575
 Vinnikov, K.Ya., Groisman, P.Ya. Empirical model of modern climatic changes 1-22467
 Vinnitskii, O.M. see Avakyan, V.V. 1-4778
 Vinodgopal, K. see Clarke, R.H. 1-29007
 Vinograd, M.I. see Kiseleva, S.A. 1-12995
 Vinogradov, A.S., Kanischev, A.D. A statistical analysis of the relation of endogenic ore mineralization to subsurface faults at depth in central and eastern Transbaikalia 1-40127
 Vinogradov, A.V., Shlyaptsev, V.N. Calculations of population inversion due to transitions in multiply charged neon-like ions in the 200-2000 Å range 1-34053
 Vinogradov, A.V., Skobelev, I.Yu., Yukov, E.A. Elementary processes and X-ray spectra of multiply charged ions in dense high-temperature plasmas 1-2246
 Vinogradov, A.V. see Boiko, V.A. 1-25068
 Vinogradov, A.V. see Vainshteyn, L.A. 1-1087
 Vinogradov, B.D., Chernoberevskii, V.V. Damping of tubes by a constrained coating 1-37686
 Vinogradov, B.V. see Yakovlev, E.N. 1-30635
 Vinogradov, E.A., Gasanly, N.M., Goncharov, A.F., Dzhabadov, B.M., Tagirov, V.I. Structural phase transition in TiIn₂Se_{2(1-x)} and TiGa_{1-x}Se₂ solid solutions 1-2626
 Vinogradov, E.A., Zhizhin, G.N. Determination by the degree of crystallinity of semiconductor films by longwave IR spectroscopy 1-47411
 Vinogradov, E.A., Zhizhin, G.N., Mel'nik, N.N., Subbotin, S.I., Panfilov, V.V., Allakhverdiev, K.R., Babaev, S.S., Zhit'ar', V.F. Influence of hydrostatic pressure on Raman spectra of c-GaSe and ZnIn₂S₄ single crystals 1-3417
 Vinogradov, E.A., Zhizhin, G.N., Mel'nik, N.N., Subbotin, S.I., Panfilov, V.V., Arama, E.D., Zhit'ar', V.F., Radatsun, S.I. Raman spectra of monocrystalline ZnIn₂S₄ under pressure 1-8062
 Vinogradov, E.A. see Allakhverdiev, K.R. 1-8073, 1-35042
 Vinogradov, G.V., Yanovsky, Yu.G., Titkova, L.V., Barancheva, V.V., Sergeenko, S.I., Borisenkova, E.K. Viscoelastic properties of linear polymers in the fluid state and their transition to the high-elastic state 1-51726
 Vinogradov, G.V. see Sosin, S.E. 1-43425
 Vinogradov, L.M. see Telitsa, S.G. 1-8756
 Vinogradov, L.V. see Shorshorov, M.Kh. 1-29624
 Vinogradov, O.S. see Borishanskii, V.M. 1-29771
 Vinogradov, V.A., Duganov, V.V., Zakharov, N.N., Ivanov, O.K. Experimental study of flow over wedge of finite width 1-24837
 Vinogradov, V.I. see Bernotas, K.E. 1-18248
 Vinogradov, V.M. see Anton'eva, N.M. 1-669
 Vinogradov, V.M. see Artamonova, K.P. 1-661
 Vinogradov, V.N., Biryukov, V.I., Nazarov, S.I., Chervyakov, I.B. Installation for investigating failure of structural materials in contact interaction with abrasive particles 1-16989
 Vinogradov, V.Yu. see Alexandrov, V.Ya. 1-4077
 Vinogradova, A.A., Krindach, D.P., Landt, P.S., Tsapenko, A.M. Output characteristics of a synchronous-pump CW dye laser 1-37492
 Vinogradova, E.V., Mikhailov, I.N. Regional and age-related properties of human skin dermis relative to the thickness of collagen bundles 1-32176
 Vinogradova, G.A. see Appazov, R.F. 1-54341
 Vinogradova, N.V. see Chudinova, N.N. 1-34305
 Vinogradova, V.N. see Godneva, M.I. 1-33449
 Vinokur, A.B., Vinokur, B.B. Optimization of the heat treatment of weldable steel 25Kh2GMT 1-48382
 Vinokur, B.B. see Vinokur, A.B. 1-48382
 Vinokurov, G.N., Zaleskii, V.Yu., Krepostnov, P.I. Flashlamp-pumped iodine laser with an optically thick medium 1-6548
 Vinokurov, I.V. see Belov, A.N. 1-7313
 Vinokurov, L.L., Kats, A.V. Power solutions of the kinetic equation for the stationary coagulation of atmospheric aerosols 1-9208
 Vinokurov, N.A. see Artamonov, A.S. 1-23893, 1-23894
 Vinokurov, V.B. see Koval'chenko, M.S. 1-53142
 Vinson, P.J. see Adams, A.R. 1-18253
 Vintaikin, E.Z., Sakhno, V.M., Udovenko, V.A. Tetragonal manganese-germanium alloys 1-3144
 Vincent, J. see Eijkman, E.G.J. 1-32126
 Vinter, B. Impurity scattering in inversion layers in density functional formalisms 1-7692
 Vinter, B. see Bloss, W.L. 1-7755
 Vinther Sorensen, B. see Bisgaard, P. 1-19177
 Vinyaikin, E.N., Razin, V.A., Khrulev, V.V. Secular decrease of radio flux density of Casiopeia A at 2924 MHz 1-17904
 Vinzelberg, H. see Bartkowski, K. 1-25835
 Vinzelberg, H. see Gladun, C. 1-38761
 Viode, J.-P. see Eschenbrenner, S. 1-4480
 Viola, V.E. see Breuer, H. 1-23674
 Viola, V.E., Jr. see Back, B.B. 1-14561
 Viola, V.E., Jr. see Hilscher, D. 1-50639
 Violan, P., Couvrat, P., Gasc, C. Influence of crystalline orientation on the environment. Affected fatigue crack propagation in copper 1-31650
 Violan, P. see Nendez, J. 1-26622
 Violini, G. see Atkin, G.K. 1-5884, 1-41010
 Viossat, B., Khodadad, P., Rodier, N. Crystal structure of hydroxydimethylsulphurdimethyl sulphoxide (1/2) hexachlorotelluride, [(CH₃)₂SOH]₂(TeCl₆).Z(CH₃)₂SO 1-47071
 Viotti, R. see Altamore, A. 1-17850
 Vir Singh Energy loss of protons in the molecular oxygen 1-51281
 Vir Singh, Dwivedi, B.N. Proton loss function in atomic oxygen 1-19201
 Viragh, E. Theoretical and practical questions of the SI units' application 1-41252
 Viragh, E., Zsolnay, E.M. Gamma dose measurements in the mixed radiation field of thermal nuclear reactors using TL-detectors 1-6099
 Virasoro, M.A. see Amati, D. 1-45129
 Virdee, L. see Brah, A.S. 1-20047
 Virgil'ev, Yu.S. Thermal expansion of structural graphite and the effect of neutron irradiation 1-28599
 Virgil'ev, Yu.S., Demin, A.V., Kurolenkin, E.I., Nikol'skaya, I.F., Smirnov, Yu.E. Degradation of single crystals and pseudosingle crystals of graphite by low-temperature irradiation 1-34373
 Virgil'ev, Yu.S., Kalyagina, I.P. Rate of radiation-induced shrinkage of two-phase materials 1-34374
 Virgil'ev, Yu.S., Makarchenko, V.G., Kurolenkin, E.I., Pekal'n, T.K. Effect of neutron irradiation on graphite alloyed with silicon and boron 1-11790
 Virgo, D. see Mysen, B.O. 1-16079, 1-39010, 1-39067, 1-39068
 Virk, H.S. Interconversion of glass dosimeters for neutron fluence determination 1-18904
 Virk, P.S. see Reid, R.C. 1-39689
 Virkar, A.V. Simulated strength-grain size study using a glass-glass-ceramic composite system 1-39426
 Virlet, J. see Amoureux, J.P. 1-11702
 Virmont, J. see Fabre, E. 1-11577
 Virnich, K.H. see Lucke, K. 1-26491
 Virovskii, G.A. Self-similar inverse problems in the theory of nonstationary flow in layered strata 1-2073
 Virsik, R.P., Harder, D. Numerical relationship between cells with radiation-induced chromosome aberrations and cells lethally injured by radiation 1-8927

- Virsik, R.P., Harder, D. Recovery kinetics of radiation-induced chromosome aberrations in human G₀ lymphocytes 1-43922
- Virsik, R.P., Schafer, Ch., Harder, D., Goodhead, D.T., Cox, R., Thacker, J. Chromosome aberrations induced in human lymphocytes by ultrasoft Al_K and C_K x-rays 1-32199
- Virtamo, J.T. see Tasso, H. 1-19898
- Virtanen, H. Acoustical measurement of auditory tubal opening 1-4342
- Vita, R. see De Boer, F.W.N. 1-23667
- Visarion, V., Iovanescu, R. Finite differential element method and transfer matrix in bidimensional and elastic problems 1-6781
- Visca, M. see Borgarello, E. 1-35663
- Viscakas, J. see Valkunas, L. 1-21162
- Viscakas, J.K. see Kudaba, V.E. 1-20840
- Visco, F. see Antrasyan, D. 1-10287
- Vissconti, G., Pitari, G., Cunnold, D. A two-dimensional photochemical model of the stratosphere with Rayleigh scattering 1-22448
- Vishnevskii, I.I., Tal'yanskaya, N.D. Creep of a multilayer refractory in neutral and reducing media 1-31553
- Vishnevskii, I.I. see Aksel'rod, E.I. 1-11927
- Vishnevskii, I.N., Zhelezonozhskii, V.A., Svyato, V.P., Trishin, B.P. Excitation of ¹¹⁵In, ¹¹³In, and ¹¹¹Cd nuclei during radiationless annihilation of positrons 1-23584
- Vishnevskii, I.N. see Babenko, V.V. 1-667
- Vishnevskii, M.E. see Berezin, V.M. 1-37057
- Vishnevskii, V.K. see Shvets, Yu.I. 1-2039
- Vishnevskii, V.N., Pidzyrailo, N.S. Spectroscopy of type A¹B¹C¹ and A¹B¹C¹ luminescent single crystals 1-12540
- Vishnevskii, Z.N. see Vyshvanyuk, V.I. 1-15384
- Vishnyakov, A.V. see Zhdanov, V.M. 1-20417
- Vishnyakov, B.A., Mordvintsev, V.M., Golovanov, V.A. Investigation of the conditions for the absence of polymer film formation during electron bombardment 1-48684
- Vishnyakov, B.A. see Mordvintsev, V.M. 1-16629
- Vishnyakov, E.M., Yatsenko, O.B., Zlomanov, V.P. Photoelectric properties of Cd_{0.8}Hg_{0.2}Te obtained by chemical diffusion 1-16311
- Vishnyakov, N.A., Gringauz, G.D., Rudzei, G.F. Improving the accuracy of fatigue life calculations by the method of linear damage summation 1-39446
- Vishnyakov, V.I., Shakhorin, A.P. Unsteady flow of a non-Newtonian liquid with a power rheological law past a flat penetrable plate 1-46784
- Vishnyakov, Yu.S. see Garashina, L.S. 1-2390
- Vishveshwara, C.V. see Kembhavi, A.K. 1-23082
- Vissnesku, M. see Ghika, G. 1-428
- Viskanta, R., Kim, D.M. Heat transfer through irradiated, semi-transparent layers at high temperature 1-24658
- Viskanta, R. see Bathelt, A.G. 1-19547
- Viskanta, R. see Behnia, M. 1-6861, 1-19713
- Viskanta, R. see Van Buren, P.D. 1-24808
- Vislavich, A.N., Starovoirov, V.A., Fertman, V.E. Heat exchange in a ferroliquid acted upon by a rotating magnetic field 1-19826
- Visno, R., Alonso, J.A., Girifalco, L.A. A theory of order-disorder and antiphase domain boundary energies 1-16772
- Visnyakov, I.I. see Priss, L.S. 1-43393
- Vissocakas, R. see Hittier, G. 1-53000
- Vissonti, G. see Pitari, G. 1-49363
- Visscher, W.M. Scattering of elastic waves from planar cracks in isotropic media 1-37645
- Visscher, W.M., Gubernatis, J.E. Computer experiments and disordered solids 1-38488
- Visscher, W.M., Rich, M. An exactly solvable model for thermal boundary resistance in a non-harmonic system 1-20549
- Visser, A.J.W.G. see Platenkamp, R.J. 1-10644
- Visser, G.J. see Koster, A.S. 1-30136
- Visser, H. see Werner, W. 1-40910
- Visser, J.A. see van den Hoek, W.J. 1-11594, 1-38191
- Visser, M.G. see Reijnders, H.F.R. 1-43844
- Visser, T., van der Maas, J.H. Systematic computer-aided interpretation of vibrational spectra 1-45924
- Visser, T., van der Maas, J.H. Systematic computer-aided interpretation of infrared and Raman vibrational spectra based on the CRISE program 1-48050
- Vissers, D.R. see Tomczuk, Z. 1-17189
- Visticot, J.P. see Sayer, B. 1-37154
- Vistin', L.K., Zeinaly, A.Kh., Khatovich, V.I. Instability of nematic liquid crystals in an electric field at reduced temperatures 1-2325
- Vistin', L.K. see Chistyakov, I.G. 1-30053
- Vismamira, M.A. see Hosur, R.V. 1-53750
- Viswanadham, R.K., Precht, W. Preparation and properties of VC+Ni cermets with controlled carbon-to-metal ratio 1-8264
- Viswanadham, R.K., Sun, T.S., Green, J.A.S. Influence of moisture exposure on the composition of oxides on Al-Zn-Mg alloy: an Auger electron spectroscopy study 1-26653
- Viswanadham, V. see Mohana Rao, N.J. 1-22450
- Viswanadham, V.N. see Sundaram, K. 1-17345
- Viswanath, P.R., Cleary, J.W., Seegmiller, H.L., Horstman, C.C. Trailing-edge flows at high Reynolds number 1-46754
- Viswanathan, C.R. see Tredwell, T.J. 1-12193
- Viswanathan, K., Farrell Epstein, M.A., Cheh, H.Y. Simultaneous discharge of two reacting species under pulsed current conditions 1-31868
- Viswanathan, K.S. see Chakrabarti, A. 1-14234, 1-23068
- Viswanathan, P.C. see Malik, O.P. 1-35736
- Viswanathan, S. see Namasiyayam, R. 1-37167
- Visweswara Rao, C. see Murthy, I.V.R. 1-27065
- Visweswara Rao, V., Shah Nawaz L. and M-shell photoelectric cross-sections in heavy elements 1-37163
- Vita, P. di see di Vita, P.
- Vita, P. di see Di Vita, P.
- Vitale, A. see Bardin, G. 1-45469
- Vitale Spaggiari, E.R. Determining effective range of UO₂ fission fragments and disintegration constant for spontaneous fission of ²³⁸uranium 1-32373
- Vitaletti, M. see Benzi, R. 1-6846
- Vitali, G., Berchiesi, G., Berchiesi, M.A., Giola Lobbia, G. Ultrasonic measurements on the organic liquids: relation between internal pressure and melting temperature. II 1-47172
- Vitali, P. see Fiori, G. 1-43676
- Vitamvas, Z. see Kvapi, J. 1-26288
- Vitan, G. The electrode as prominent part of bioelectric measuring system 1-17534
- Vitanov, T. see Nikolov, I. 1-8458, 1-8459
- Vitek, J.M. see Furrer, P. 1-35335
- Vitek, V., Wilkinson, D.S. Intergranular crack growth at high temperatures 1-12877
- Vitek, V. see Chell, G.G. 1-47160
- Vitek, V. see Egami, T. 1-30064
- Vitek, V. see Jokl, M.L. 1-7248
- Vitenberg, A.G. see Kostkina, M.I. 1-43697
- Viterbo, D. see Silva, A.M. 1-15753
- Viticoli, S. see Fiorani, D. 1-3240, 1-7816, 1-7942
- Vitinya, I.A. see Lagzdons, Yu.L. 1-47654
- Vitko, J., Jr., Shelby, J.E. Solarization of heliostat glasses 1-13092
- Vitko, J., Jr. see Shelby, J.E. 1-12909, 1-12912
- Vitko, V.I., Grishaev, I.A., Kovalenko, G.D., Shramenko, B.I. Electromagnetic radiation of 1.2-GeV electrons in silicon single crystals 1-2546
- Vitkovitsky, I.M. see Miles, L.A. 1-25115
- Vito, R.P. The mechanical properties of soft tissues. I. A mechanical system for bi-axial testing 1-32320
- Vito, R.P., Demiray, H. The mechanics of the pericardium: pericardial effusion 1-22055
- Vito, R.P., Hickey, J. The mechanical properties of soft tissues. II. The elastic response of arterial segments 1-32163
- Vito, R.P. de see De Vito, R.P.
- Vitols, E.A. see Moorlat, N.V. 1-32178
- Viton, M. see Petit, J.-P. 1-42215
- Vitovtova, T.I. see Kobizskoi, V.I. 1-26794
- Vitrichenko, E.A. see Bychkov, V.D. 1-17877
- Vitrikhovskii, N.I., Sterligov, V.A., Tyagai, V.A., Mg, Cd, ... Se solid solutions 1-35168
- Vitrikhovskii, N.I. see Brodin, M.S. 1-30647
- Vitrikhovskii, N.I. see Komarov, A.V. 1-12042
- Vitt, D.V. Vibration of a spherical shell with a vibration-damping covering layer 1-15436
- Vitti, M. see De Freitas, V. 1-33772
- Vitton, J.P., Ouedraogo, A., Chanutot, G. Excited state dipole moment interactions Cr³⁺-Cr³⁺ in the ferroelectric LiNbO₃ 1-2112
- Vittone, A. see Ciatti, F. 1-34507
- Vittoria, V. see De Candia, F. 1-43362
- Vitturi, A. see Broglia, R.A. 1-686, 1-10342
- Vitukhnovskii, A.G. see Verbitskii, S.S. 1-52498
- Vitukhnovskii, A.G., Zhevdanov, N.D. Quantitative estimates of anisotropy of exciton diffusion in stilbene monocrystals 1-30640
- Vitukhnovskii, A.G. see Zhevdanov, N.D. 1-52986
- Vitushkin, L.F. see Alekseev, A.D. 1-9915
- Vitvitskii, V.I., Oleksiv, B.Ya., Popov, B.A., Tkachev, V.I., Novachinskii, M.S. Designing of experiments in low-cycle fatigue 1-26706
- Vitvitsky, O.V. see Shraibman, V.I. 1-54265
- Vityazeva, E.V. On the errors $\Delta\alpha_0$ and $\Delta\alpha_0$ of the B. Boss general catalogue 1-13705
- Vityk, O.S. see Kuz'ma, Yu.B. 1-3699
- Vityuk, V.Ya. see Sanitarov, V.A. 1-48334
- Vivargent, M. Future European accelerator possibilities 1-10556
- Vivargent, M. LEP: large e⁺e⁻ colliding beam project 1-14714
- Vivargent, M. see Alkofer, O.C. 1-45773
- Vives, B. see Child, S.Z. 1-35846
- Vives, C., Bas, J., Ricou, R. Remarks on the electro-magnetic segregation mechanisms of liquid and solid phase in metallurgy 1-42098
- Viviani, R. see Beltrame, F. 1-32332
- Vivien, J.P., Schutz, Y., Beck, F.A., Byrski, T., Gehringer, C., Merdinger, J.C. Gamma-ray transition energy correlations in ¹⁵⁰Er and ¹⁶⁰Yb 1-45451
- Vivien, J.P. see Byrski, T. 1-45396
- Vivien, J.P. see Merdinger, J.C. 1-5691
- Vivion, M.C., Hirsch, J.E., Frye-Osler, J.L., Goldstein, R. Effects of stimulus rise-fall time and equivalent duration on middle components of AER 1-43883
- Vivona, F. see Guerrini, A. 1-17159, 1-17165
- Vizbarite, J.J., Eriksson, K.M., Boruta, J.J. A procedure recommended for theoretical research on isotope shift in complex electronic configurations 1-19058
- Vizen, F.L. see Akat'ev, Yu.N. 1-1714
- Vizerskaya, G.E., Bavel'skii, D.M., Khil'chevskii, V.V., Proida, M.E. Effect of test temperature of the damping properties of steel Eh1961 in cyclic tension-compression 1-31625
- Vizhenskaya, T.M. see Rode, V.E. 1-25924
- Vizir, L.A. see Cherepanina, L.I. 1-12697
- Vlach, B. see Holzmann, M. 1-47163, 1-48484
- Vlachos, G.D. see Mackay, G.I. 1-17036
- Vlachos, N.S. see Highman, V. 1-8965
- Vladimirov, A.A. see Avdeev, L.V. 1-14268
- Vladimirov, B.G., Guseva, M.I., Ionova, E.S., Mansurova, A.N., Martynenko, Yu.S., Rjazanov, A.I. The blistering of stainless steel (0Cr16Ni5Mo3Nb) under simultaneous D⁺ and He⁺ ions irradiation 1-25335
- Vladimirov, G.G. see Burmistrova, O.P. 1-2827
- Vladimirov, M.A. see Yu'ev, Yu.S. 1-23805
- Vladimirov, N.P. Results of magnetotelluric studies of the Ukrainian crystalline massif 1-9079
- Vladimirov, S.B. see Kapoun, K. 1-2135
- Vladimirov, S.M. see Gold'shtein, V.Ya. 1-39349
- Vladimirov, V.A., Goncharova, N.G., Zhivopistsev, F.A. Deformed highly excited states of ¹⁶O 1-33218
- Vladimirov, V.A., Tarasov, V.F. Formation of a system of vortex filaments in a rotating liquid 1-33967
- Vladimirov, V.G. see Zaluzhnyi, A.G. 1-5851
- Vladimirov, V.I., Romanov, A.E. Interaction of dislocation loops with dislocations 1-25271
- Vladimirov, V.I. see Romanov, A.E. 1-52135
- Vladimirov, V.P., Aleksandrov, E.V. Correction problem with a constraint on the number of impulses 1-54340
- Vladimirov, Yu.A. see Puchkova, T.V. 1-17355
- Vladimirov, L.I. see Shashilov, V.P. 1-21292
- Vladimirova, T.V., Gorbun, N.Ya., Maslov, V.P., Mel'nik, T.S., Odarich, V.A. Investigation of the optical properties and structure of the surface layer of pyroceramic 1-1659
- Vladimirovskii, B.M. Cyg X-3—a nineteenth century supernova? 1-27634
- Vladimirovskii, B.M. see Levitskii, L.S. 1-27417
- Vladimirovskii, B.M. see Stepanyan, A.A. 1-22928
- Vladimirovskii, B.N. Primary high-energy electrons, gamma observations from balloons, and magnetospheric disturbances 1-27350
- Vladimirovskii, B.M., Neshpor, Yu.I., Stepanian, A.A., Fomin, V.P. The results of the observations gamma-ray flux from Cyg X-3 1-17908
- Vladimirovskii, R. see Sukhorukov, R. 1-23218
- Vlahos, L. Microwave emission from flaring magnetic loops 1-4874
- Vlahos, L. see Emslie, A.G. 1-44519
- Vlahoyannis, Y., Gordon, R.J. Vibrational relaxation of O₂ by H₂O and D₂O 1-46087
- Vlaic, G., Bart, J.C.J., Cavigliolo, W., Mobilio, S. X-ray absorption near edge structures (XANES) for Cu/ZnO/Al₂O₃ CO shift catalysts 1-28992
- Vlasak, G. see Patras, V. 1-52610
- Vlasenko, A.I., Lyubchenko, A.V., Sal'kov, E.A. The Hall effect and conductivity of Cd_{0.8}Hg_{0.2}Te crystals 1-2993
- Vlasenko, A.I., Zubakov, A.V. Carrier lifetimes in Cd_{0.8}Hg_{0.2}Te crystals from photoconduction relaxation 1-47670
- Vlasenko, L.S. see Bagraev, N.T. 1-2492, 1-34660, 1-47709
- Vlasenko, N.V. see Lozovskii, V.N. 1-42653
- Vlasenko, V.M. see Beklemishev, A.I. 1-44904
- Vlas'ev, V.P. see Fateev, V.N. 1-23351
- Vlasik, V.F., Barzali, F.D., Morgunov, V.S. Determination of thermal power of a water moderated water cooled nuclear reactor 1-23847
- Vlasov, A.S. see Skidan, B.S. 1-20911
- Vlasov, D.V. see Bol'shov, L.A. 1-29341, 1-51559
- Vlasov, E.V. see Denegri, D. 1-28356
- Vlasov, G.A. see Lysenkov, Y.T. 1-48401
- Vlasov, K.B., Rozenberg, E.A., Titova, A.G., Yakovlev, Yu.M. Hall effect in hematite single crystals in the region of the Morin transition 1-25746
- Vlasov, K.B., Smorodinskii, Ya.G. Elastic wave reflection and transmission coefficients for a plane-parallel plate with a conical spiral magnetic structure 1-38963
- Vlasov, K.B., Timoshchuk, V.I., Tkach, A.V., Romanov, E.P. Orientation of directions of easy magnetisation and the antiferromagnetism axis in MnB₂ single crystals 1-30975
- Vlasov, M.K. see Burgov, N.A. 1-598
- Vlasov, N.G., Ryabova, R.V., Shtan'ko, A.E. Use of GOR type laser in interference measurements employing speckle photography 1-36732

- Vlasov, S.M., Ratnikov, E.F., Radchenko, R.V., Shagalov, A.G., Shoitik, A.G. Stability of operation of a steam-generating channel from low-frequency pressure fluctuations 1-11369
- Vlasov, S.V. *see* Markov, N.G. 1-8372
- Vlasov, V.D. Energy balance of a beam of charged particles and the kinetic power theorem 1-15059
- Vlasova, E.N., Molotilov, B.V. Sequence of structural changes during heating of amorphous alloys of the Co-Fe-Si-B system 1-2330
- Vlasova, L.A. *see* Kirovskaya, I.A. 1-7454
- Vlasova, L.V., Samarin, B.A., Shubakov, V.S. Heat treatment of high-coercivity alloy Kh27K175 1-42983
- Vlasova, M.O. *see* Berezin, V.M. 1-37057
- Vlasova, M.V. *see* Bodnaruk, N.I. 1-3257
- Vlasse, A.G.M., Etourneau, J., Naslain, R. Crystal structure of YBa₂ 1-38339
- Vlasse, M., Parent, C., Salmon, R., Le Flem, G. The structures of Na₂Ln(XO₄)₃ phases (Ln=rare earth, X=P, V, As) 1-25239
- Vlasse, M. *see* Saubbat, B. 1-25213
- Vlastos, A.E., Russek, S. Influence of the electrode surface state on the breakdown of pressurized SF₆ 1-11502
- Vlastos, A.E., Russek, S. Influence of coating polished and rough electrodes on the impulse and AC breakdown of SF₆ 1-19995
- Vlasveld, J.A., Schijve, J. Tongue-shaped crack extension during fatigue of high strength aluminum alloys 1-48467
- Vlasyuk, R.Z., Radomyskii, I.D. Microstructure formation in P/M carbon steels being synthesized from a mixture of iron powder and white cast iron 1-39277
- Vlasyuk, R.Z., Radomyskii, I.D. Causes of wustite inclusion formation in the structure of iron-graphite powder materials 1-39281
- Vlasyuk, R.Z., Radomyskii, I.D. Reaction of particles of grades S and KLZ graphite with an iron matrix during heating 1-53140
- Vlasyuk, R.Z., Radomyskii, R.Z. Dilatometric investigation of matrix impregnation with silicon in titanium-glass materials 1-21390
- Vleck, J.H. *van* *see* Van Vleck, J.H.
- Vlieger, G. *De* *see* De Vlieger, G.
- Vliet, G.H. *van der* *see* van der Vliet, G.H.
- Vliet, K.M. *van* *see* Van Vliet, K.M.
- Vliet, W.P.A. *van* *see* van Vliet, W.P.A.
- Vlok, O.G., Lutsiv-Shumskii, L.F., Khachikyan, A.V. Dispersion of refractive indices and electrooptical coefficients of partially deuterated CDA crystals 1-3372
- Vnuk, F., Sahoo, M., Baragar, D., Smith, R.W. Mechanical properties of the Sn-Zn eutectic alloys 1-8378
- Vo Hong Anh, Nguyen Ngoc Thuan Theory of paramagnetic interactions in semiconductors under a simultaneous action of two high-power electromagnetic radiation fields. I. Generalized quantum distribution functions 1-1641
- Vo Hong Anh, Nguyen Ngoc Thuan Theory of paramagnetic interactions in semiconductors under a simultaneous action of two high-power electromagnetic radiation fields. II. Instability analysis 1-1642
- Vo Kim Thang *see* Andzheevskii, Yu. 1-36952
- Vo Ky Lan *see* Zeippen, C.J. 1-6215
- Vo Phan, D., Lacam, A. Experimental observations of polymorphic transitions in calcite under high pressure 1-44175
- Vo-Dinh, T. *see* Gammage, R.B. 1-13309
- Vobian, J., Herchenroder, G. An error source in the measurement of fast pulses 1-46571
- Voblyi, P.D. *see* Artamonov, A.S. 1-23894
- Vobornik, S. *see* Brana, J. 1-40950
- Vocel, S.V. *see* Anisimov, O.A. 1-29150, 1-31888
- Vocelle, D. *see* Dupuis, P. 1-41427
- Voci, C. *see* Fidecaro, G. 1-591
- Voda, V.G. *see* Isaic-Maniu, A. 1-34031
- Vodak, F., Stastna, J. Material constants of a mixture 1-35496
- Vodar, B., Marteau, P. (editor) High Pressure Science and Technology Proceedings of the VIII International AIRAPT Conference 1-27672
- Vodennikov, B.D. *see* Danilyan, G.V. 1-50678
- Vodanel, R. *see* Chapuran, T. 1-5700
- Vodanel, R. *see* Moreh, R. 1-14461, 1-45461
- Vodanel, R. *see* Robertson, R.G.H. 1-45505
- Vodolazkin, V.I., Danilkin, N.P., Denisenko, P.F., Fayer, Y.N. Estimate of effective electron collision frequency in the F region from measurements of radio-wave absorption by the A1 method 1-22586
- Vodolazskii, L.A., Zamotayev, I.P., Zhmurkin, V.P., Golikov, V.A., Shchedrina, O.I. Watchall-type stethophonoscopes SFON-1 1-22084
- Vodopyanov, B.P., Zhikharev, V.A. Theory of superconducting alloys with rare earth impurities 1-20906
- Vodopyanov, L.K. *see* Allakhverdov, K.R. 1-31149
- Vodopyanov, L.K. *see* Golubev, L.V. 1-20333
- Vodovozov, V.M. *see* Andreen, A.B. 1-50166
- Voegel, J. *see* Schwab, A.-M. 1-31714
- Voermans, A.B. *see* Breed, D.J. 1-12368
- Voet, V. Reinforcement of elastomers by fillers: review of period 1967-1976 1-35261
- Voevodin, S.A. *see* Appazov, R.F. 1-54341
- Voevodin, V.G. *see* Brudnyi, V.N. 1-25326
- Voevodina, O.V. *see* Brudnyi, V.N. 1-25326
- Voevodina, Z.A. *see* Koblova, O.E. 1-12901
- Voge, D. *see* Dennis, R.B. 1-29028, 1-52919
- Vogel, C., Corset, J., Billoudet, F., Vincent, M., Dupeyrat, M. Properties of monomolecular layers of stearic acid in the presence of salts of Pb²⁺ or Ba²⁺ in relation to the composition and the structure of Langmuir-Blodgett multilayers 1-30551
- Vogel, E.E., Rivera-Tratchet, J. Interpretation of the far-infrared spectrum of Fe²⁺ in cubic CdTe and ZnS 1-21247
- Vogel, E.M. *see* Gallagher, P.K. 1-38505
- Vogel, F.L. *see* Billaud, D. 1-38768
- Vogel, F.L. *see* Miller, G.R. 1-38989
- Vogel, F. *see* Lincoln *see* Lincoln Vogel, F.
- Vogel, H. *see* Bock, P. 1-10234
- Vogel, H. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Vogel, H.U. Approximations for the connection between Lagrangian and Eulerian time correlations in turbulent flow 1-37881
- Vogel, J., Weider, B. Results of the representation of the SI-basic unit Candela 1-44871
- Vogel, J.S. *see* Vij, K.K. 1-17732
- Vogel, P. Muonic cascade: general discussion and application to the third-row elements 1-1417
- Vogel, P. *see* Schneuwly, H. 1-15042
- Vogel, P. *see* Wang, K.-C. 1-1415
- Vogel, T.A. *see* Taylor, T.R. 1-27122
- Vogel, W., Hosemann, R. X-ray analysis of stacking faults in colloidal gold; a special type of a paracrystal 1-30251
- Vogel, W., Wilkelt, M., Gerold, V. Dislocation structures and persistent slip band formation during cycling of age-hardened Al-Zn-Mg single crystals 1-30243
- Vogel, W. *see* Aver'yanov, V.I. 1-39327
- Vogel, W. *see* Doenitz, F.D. 1-34240
- Vogel, W. *see* Hosemann, R. 1-34242
- Vogel, W. *see* Schubert, M. 1-41650
- Vogel, W. *see* Susse, K.-E. 1-46015
- Vogele, H.P. *see* Schamm, R. 1-38570
- Vogelsang, L.B., Schijve, J. Environmental effects on fatigue fracture mode transitions observed in aluminum alloys 1-39419
- Vogels, A.B.P. *see* Mittermeijer, E.J. 1-35285
- Vogelsberger, W., Ziese, M., Rudakoff, G. The curvature dependence of surface tension of cylindrical liquid menisci in Tolman's picture 1-47334
- Vogelzang, J. *see* Kondratyuk, L.A. 1-36900
- Voges, E. *see* Lilienhof, H.-J. 1-19429
- Voges, E. *see* Neyer, A. 1-11176
- Voges, E. *see* Wenzlik, K. 1-19475
- Voges, E. *see* Wu Lu Chang 1-11179
- Voges, W. *see* Pietsch, W. 1-54661
- Voges, W. *see* Staubert, R. 1-9724
- Vogl, G. *see* Petry, W. 1-21096
- Vogl, G. *see* Schumacher, G. 1-25690
- Vogl, O. *see* Corley, L.S. 1-39062
- Vogl, P. The electron-phonon interaction in semiconductors 1-15994
- Vogl, P. *see* Porod, W. 1-47182
- Vogl, T.P. Introduction to the mechanism of phototherapy of jaundice and related technology 1-39986
- Vogler, F. *see* Bolger, J. 1-41008
- Vogler, K. *see* Schubert, M. 1-2904, 1-8102
- Voglewede, J.C. Lessons learned from TMI in reactor instrumentation: an NRC viewpoint 1-18824
- Vogt, B.S. *see* Schulman, S.G. 1-8542
- Vogt, C. *see* Ogilvie, K.W. 1-4841
- Vogt, H., Neumann, G. Comment on letters by K. Inoue et al. (J. Phys. Soc. Jpn. 47 (1979) 2037 and 48 (1980) 1787) on hyper-Raman scattering from SrTiO₃ at room temperature 1-39079
- Vogt, J. *see* Bombach, R. 1-29035, 1-33501
- Vogt, J. *see* Dannacher, J. 1-6314, 1-36762
- Vogt, J. *see* Fourniguet, J. 1-54013
- Vogt, K.J. *see* Heinemann, K. 1-8789
- Vogt, N., Schoembs, R., Krzeminski, W., Pedersen, H. The eclipsing dwarf nova OY Carinae: ephemeris and physical parameters 1-54506
- Vogt, N. *see* Schoembs, R. 1-27507
- Vogt, O. Magnetization measurements on single crystals of uranium chalcogenides and pnictides 1-47912
- Vogt, O., Wachter, P., Bartholin, H. High field magnetization measurements on UP single crystals 1-47913
- Vogt, O. *see* Andersen, N.H. 1-3140
- Vogt, O. *see* Baptist, R. 1-48226
- Vogt, O. *see* Boucherle, J.X. 1-47859
- Vogt, O. *see* Burlat, J. 1-47915
- Vogt, O. *see* Buyers, W.J.L. 1-47874
- Vogt, O. *see* Cooper, B.R. 1-47911
- Vogt, O. *see* Fischer, P. 1-47856
- Vogt, O. *see* Furrer, A. 1-47589
- Vogt, O. *see* Greuter, F. 1-48229
- Vogt, O. *see* Hulliger, F. 1-47062
- Vogt, O. *see* Lebeck, B. 1-20983
- Vogt, O. *see* Mueller, M.H. 1-29970
- Vogt, O. *see* Rossat-Mignod, J. 1-25936, 1-47854, 1-47876
- Vogt, O. *see* Schoenes, J. 1-47689
- Vogt, O. *see* Sinha, S.K. 1-3195, 1-47883
- Vogt, O. *see* Stirling, W.G. 1-47858
- Vogt, R.E. *see* Miewaldt, R.A. 1-54439
- Vogt, S. *see* Bayer, A. 1-5923
- Vogt, S.S. A magnetic study of spotted UV Ceti flare stars and related late-type dwarfs 1-9512
- Vogtlin, G.E., Kuennig, R.W. Computer models in the design of FXR 1-28754
- Vohra, D.K. *see* Hartland, S. 1-16145
- Vohra, Y.K., Menon, E.S.K., Sikka, S.K., Krishnan, R. High pressure studies on a prototype omega forming alloy system 1-38449
- Vohringer, D. *see* Mayer, M. 1-21552
- Vohringer, O. *see* Huttebrucker, K. 1-31512
- Vohringer, O. *see* Lohe, D. 1-43470
- Voice, E. *see* Aitken, M. 1-6092
- Voichishina, K.S. A simple model of cyclicity 1-36489
- Voignier, F., Regnier, P. Combustion driven chemical laser performances study 1-37491
- Voignier, F. *see* Gastaud, M. 1-46322
- Voigt, G.-H. A mathematical magnetospheric field model with independent physical parameters 1-40283
- Voigt, J. *see* Ruckmann, I. 1-26229
- Voigt, K., Schulze, S. A modulation generator for lock-in measurements of electron energy distributions 1-40895
- Voigt, M.J.A. *de* *see* de Voigt, M.J.A.
- Voigt, M.J.A. *De* *see* De Voigt, M.J.A.
- Voigt, R. *see* Seifert, K.-F. 1-44177
- Voigt-Martin, I.G. *see* Strobl, G.R. 1-15815
- Voigtmann, R. *see* Ilgen, L. 1-21683
- Voikhanskaya, N.F. Ha line in the spectrum of the star HDE 245770 1-9534
- Voikhanskaya, N.F. Spectroscopy of MV Lyrae 1977-1979 1-44578
- Voikhanskaya, N.F. *see* Burenkov, A.N. 1-6191
- Voinov, B.A. *see* Zolotarevskii, D.B. 1-43607
- Voinova, O.A., Kardashev, B.K., Nikanorov, S.P. Internal friction, charging dislocations, and plastic properties of NaF:Ca²⁺ single crystals in the temperature range 295-4.2K 1-11812
- Voiron, J. *see* Bloch, D. 1-47910
- Voishvillo, N.A. Inversion of the spectral light-scattering function 1-6468
- Voisin, P., Etienne, B., Voos, M. Formation of electron-hole drops in Si 1-2881
- Voisin, P., Guldner, Y., Vieren, J.P., Voos, M., Benoit, A. la Guillaume, C., Kawai, N.J., Chang, L.L., Esaki, L. Optical studies of InAs-GaSb superlattices 1-52920
- Voisin, P. *see* Guldner, Y. 1-31131
- Voit, H. *see* Treu, W. 1-23618
- Voitenko, Yu.M., Likhachev, A.A., Yuhimuk, A.K. On low-frequency hydromagnetic wave excitation in the solar wind 1-27354
- Voitlander, J. *see* Brauchle, C. 1-29018, 1-46007
- Voitlander, J. *see* Bruggemann, R. 1-10671
- Voitlander, J. *see* Herberg, H. 1-26058
- Voitlander, J. *see* Krieger, R. 1-26061
- Voitmann, R. *see* Hoenig, H.E. 1-20683
- Voitov, G.I., Grechukhina, T.G. Geochemical and hydrogeological effects accompanying earthquakes 1-44123
- Voitovetskii, V.K., Karmaz', V.V., Korsunskii, I.L., Naumov, I.V., Novikov, A.I., Pazhin, Yu.F., Pshonkin, Yu.N., Samarin, P.F. Installation for studying transient processes of resonance interaction of gamma rays with nuclei 1-51023
- Voitovich, A.P., Prokopov, A.P. Effect of competition between orthogonally polarized waves upon the temporal characteristics of CO₂ laser radiation 1-6540
- Voitsekhovskaya, O.K. *see* Antipov, A.B. 1-24161
- Voitsekhovskaya, V. *see* Borshch, A.A. 1-8036
- Voitsekhovskii, A.V., Vyalii, N.G., Pashun, A.D. Properties of solid solutions (GaAs)_{1-x}(ZnSe)_x obtained by different methods. [Electrophysical properties] 1-42769
- Voitsekhovskii, A.V. *see* Antonov, V.V. 1-30781, 1-52580
- Voitsenya, V.S., Volkov, E.D., Gribanov, Yu.A., Dikii, A.G., Latsko, E.M., Rybalko, V.F., Solodovchenko, S.I. Erosion of the inner surfaces of the vacuum chambers of the Urgan-2 and Sirius stellarators 1-25408
- Vojak, B.A. *see* Coleman, J.J. 1-46340
- Vojak, B.A. *see* Holonyak, N., Jr. 1-29281
- Vojak, B.A. *see* Kirchoefer, S.W. 1-46368
- Vojak, B.A. *see* Rezek, E.A. 1-47409
- Vojta, G., Mocker, M. Generalisation of singular normal-mode methods for isothermal irreversible Vlasov systems 1-42133
- Vojta, V. *see* Hrouz, J. 1-47146
- Vojtanik, P. *see* Foldeaki, M. 1-52809
- Vojtik, J. *see* Polak, R. 1-51151
- Vojvodic, I. Protection method against electromagnetic radiation 1-35891

- Vokaer, D.P. Etude et réalisation d'une machine frigorifique a piston libre, a 3 sources de chaleur, fonctionnant suivant un cycle de Rankine (Design and development of a Rankine-cycle, free-piston refrigerator with 3 heat sources) 1-21895
- Volkmyanin, A.P., Karelav, V.V., Pirogov, A.N., Chuev, V.V., Sidorov, S.K. Magnetic transformations in ordered $\text{Fe}_2\text{Mn}_{1-x}\text{Pt}_x$ alloys during temperature variations 1-30938
- Volant, C., Gary, S. Complete fusion of the $^{14}\text{N} + ^{16}\text{O}$ and $^{15}\text{N} + ^{16}\text{O}$ systems 1-33274
- Volatrin, F. see Jean, Y. 1-28857
- Volchanskaya, I.K., Sapozhnikova, E.N. How was lunar relief formed? 1-17777
- Volchek, A.V. see Ignatov, A.V. 1-5298
- Volchek, Yu.A. Calculation of sanitary-protective zones around accelerators 1-23900
- Volchenok, V.F., Galkin, I.M. Numerical solution of the problem of heat transfer along the thermal entry zone in generalized Couette flow of non-Newtonian fluids 1-29674
- Volchenok, V.F. see Shul'man, Z.P. 1-29673
- Volchok, L.G. see Basov, Yu.P. 1-11401
- Volchok, H.L. see Bowen, V.T. 1-9180
- Volchok, I.P. see Osaul, A.I. 1-3990
- Vold, R.L. see Kratochwill, A. 1-14940
- Vold, R.L. see Pedersen, E.J. 1-24170
- Vold, R.R., Bodenhausen, G. Phase-shifted pulse sequence for measurement of spin-lattice relaxation in complex spin systems: an improvement 1-14147
- Vold, T.G. see Pedersen, E.J. 1-24170
- Vold, T.R. see Hollister, J.H. 1-46151
- Voldan, J. see Exnar, P. 1-6909
- Voldemarov, A.V. see Romanov, O.N. 1-31506
- Voldman, M.L. see Aleksakhin, I.S. 1-24268
- Volenik, K., Hanousek, F., Strauch, B. The infrared spectra of solid solutions of some iron and chromium oxides 1-31134
- Volf, M.B. Oxygen anomalies of oxide glasses. I [borate glasses] 1-38288
- Volf, V. Iodine tablets as thyroid protection after a reactor accident: risk-benefit-consideration 1-44027
- Volf'kovich, Yu.M. Use of reference-sample porosity in the investigation of structural, surface, and moisture-absorption properties of porous solids 1-5453
- Volf'son, A.A. see Abaev, M.I. 1-39482
- Volga, V.I. see Zorin, F.I. 1-34724
- Volgin, B.K. see Nikulin, V.A. 1-53375
- Voli, M. see Renzini, A. 1-49608
- Volino, F., Dianoux, A.J. Neutron incoherent scattering law for diffusion in a potential of spherical symmetry: general formalism and application to diffusion inside a sphere 1-11894
- Volino, F. see Dianoux, A.J. 1-11670
- Volk, C.E. see Dixit, A. 1-20457
- Volk, G.J. see Suddeh, D.E. 1-28762
- Volk, K. see Monogaran, S. 1-45958
- Volk, G. see Hauer, J. 1-41399
- Volk'shtein, I.A., Kiselev, B.A., Kovalenko, V.F., Lappo, A.P., Mavrikov, P.A., Milovanov, A.V. Test results for LFS-1000 laboratory Fourier spectrometer 1-359
- Volk'shtein, N.V. see Kourou, N.I. 1-12096
- Volk'shtein, N.V. see Startsev, V.E. 1-12094
- Volk'shtein, N.V. see Timofeev, V.P. 1-48943
- Volkstein, N.V. see Kourou, N.I. 1-30967
- Volker, P. see Pfeiffer, W. 1-11505, 1-16524, 1-19999
- Volker, S., Macfarlane, R.M. Laser photochemistry and hole-burning of chlorin in crystalline n-alkanes at low temperatures 1-26756
- Volkert, K. see Drube, W. 1-48221
- Volkhonskaya, T.A., Makeev, S.M., Popov, A.A. Technical means and mathematical methods for the analysis of a heart rhythm 1-40019
- Volkmer, H., Krause, W., Michels, W., Jung-hanel, J., Scharner, W. Recording and processing of measured data in delivery monitoring accomplished by apparatus 1-32303
- Volkogon, G.M. see Zhornyyak, A.F. 1-53136
- Volkomirskaya, L.B. Mathematical modeling of a source in the auroral zone in order to evaluate the possibilities of local magnetovariational sounding 1-22210
- Volkomirskaya, L.B., Fanarev, G.A. Experiment in local magnetic variation sounding in the Arctic Ocean region 1-4419
- Volkomirskaya, L.B., Fanarev, G.A. Experimental determination of the distance of the source of variations for MVS purposes 1-4420
- Volkov, A.A., Ishibashi, I., Kozlov, G.V., Petzelt, J. Submillimeter spectroscopy of noncommensurable ferroelectrics 1-26314
- Volkov, A.A., Kozlov, G.V., Chernyshev, I.M., Shuvalov, L.A. Dispersion of bisectrices in potassium trihydrogen selenite and triglycine sulphate for submillimeter waves 1-8166
- Volkov, A.A., Kozlov, G.V., Lebedev, S.P. Optimization of the dielectric parameter measurements of substances at submillimeter wavelengths 1-9998
- Volkov, A.A., Kozlov, G.V., Lebedev, S.P. Submillimeter dielectric spectra of Rochelle salt 1-12447
- Volkov, A.A., Kozlov, G.V., Lebedev, S.P. Low-frequency dielectric spectra of the crystals RbH_2PO_4 and KH_2AsO_4 1-12605
- Volkov, A.A., Polyuyanov, L.V. Effect of the geometry of the moving wall on the structure of the flow in confined flow in a split gap 1-46808
- Volkov, A.A. see Artsybashev, V.A. 1-27277
- Volkov, A.A. see Efremenko, V.I. 1-33173
- Volkov, A.B. see Gulshani, P. 1-5145, 1-5711
- Volkov, A.F. see Artemenko, S.N. 1-47512
- Volkov, A.I. see Kristhal, M.A. 1-2694
- Volkov, A.K. see Demina, N.I. 1-39390, 1-48429
- Volkov, A.S. see Byvalyi, V.A. 1-20812
- Volkov, A.Yu. see Brunne, M. 1-41657
- Volkov, B.A., Kantser, V.G., Kopaev, Yu.V. Theory of improper ferroelectricity 1-12465
- Volkov, B.A., Osipov, V.V., Pankratov, O.A. Changes in defects and slow relaxation of nonequilibrium carriers in narrow-gap semiconductors 1-34723
- Volkov, D.P., Zarichnyak, Yu.P., Muratova, B.L. Calculation of the thermal conductivity of filled polymers 1-16112
- Volkov, D.V., Zheltukhin, A.A. On the spin waves in space-disordered media 1-38920
- Volkov, D.V. see Akulov, V.P. 1-27846
- Volkov, E.D. see Aleksin, V.F. 1-2225
- Volkov, E.D. see Voitsenya, V.S. 1-25048
- Volkov, G.G., Liparteliani, A.G., Monich, V.A., Nikitin, Yu.P. Transitions between neutral mesons in multi-quark schemes 1-50398
- Volkov, I.V., Klimenko, I.S. Production and interpretation of speckle interferograms of deformable objects 1-51421
- Volkov, L.V., Tkach, V.I. On the spontaneous compaction of subspace during the interactions of Einstein fields with calibration fields 1-40685
- Volkov, L.Ya. see Gortyshev, Yu.F. 1-18220
- Volkov, M.S. On constructing quasi-periodic radial solutions in the theory of tides 1-49480
- Volkov, N.A. see Pirogov, V.P. 1-17440
- Volkov, N.G., Sin'kov, V.V., Fedotov, S.N. Method for analyzing distortions of amplitude spectra due to pulse overlapping in spectrometer channel 1-41270
- Volkov, N.P. see Armenskii, E.V. 1-18187
- Volkov, S.D. A method for resolving a mixed fracture mechanics boundary-value problem 1-6831
- Volkov, S.D. Some problems of the statistical mechanics of composites 1-15423
- Volkov, V. see Borshch, A. 1-15227
- Volkov, V.A. Electrical resistance of metals with vacancies 1-30714
- Volkov, V.A., Suglobova, I.G., Chirkst, D.E. Phase diagrams of systems of uranium trifluoride with fluoride of alkali metal 1-5980
- Volkov, V.A., Titarov, S.I., Tkashenko, B.K. Experimental investigation of the optical properties of weakly non-ideal plasmas of air, argon, and xenon 1-25082
- Volkov, V.A. see Aliev, A.A. 1-3995
- Volkov, V.F., Eritenko, A.N., Arkhipenko, A.N. Application of the Monte Carlo method in quantitative microanalysis of binary alloys 1-21806
- Volkov, V.I. see Borshch, A.A. 1-8036, 1-33640
- Volkov, V.I. see Kolkopov, I.F. 1-28804
- Volkov, V.I. see Rumyantsev, E.M. 1-43587
- Volkov, V.L. The p-T diagram and thermodynamics of compounds of the $\text{Fe}_2\text{O}_3\text{-V}_2\text{O}_5\text{-VO}_2$ system 1-43321
- Volkov, V.L., Novak, P.Ya., Zhilyaev, V.A., Kellerman, D.G., Fotiev, A.A. Decomposition of single crystals of vanadium bronzes $\text{M}_x\text{V}_2\text{O}_{10-x}$ of type β 1-53180
- Volkov, V.L. see Khodos, M.Ya. 1-7347, 1-38548
- Volkov, V.M., Alekseeva, V.I., Afanasidi, L.Sh., Krasovitskii, B.M., Luk'yanets, E.A., Shershuikov, V.M. Generation in solutions of some diaryloxazoles 1-10998
- Volkov, V.V. Some aspects of the use of deep inelastic transfer reactions to produce nuclei far from stability and nuclei with large angular momenta 1-10390
- Volkov, V.V. see Bokov, V.A. 1-12372
- Volkov, V.V. see Lyabin, A.A. 1-16525
- Volkov, Yu.A., Kuftarkov, Yu.M. Thermal effect of internal gravity waves on the free ocean surface 1-44203
- Volkov, Yu.A. see Pugachev, A.T. 1-47761
- Volkov, Yu.M., Ignat'ev, A.I., Kolomenskii, G.A., Lakovich, E.F., Makhnovskii, E.D., Nadtsochii, A.V., Popov, V.V., Fominenko, V.P., Chizhov, V.P. α decay of the giant resonances of ^{58}Ni nuclei 1-5756
- Volkov, Yu.N. Unit for high-temperature mechanical tests in a complex stress state 1-31808
- Volkov, Yu.N. The modelling of the El Niño phenomenon by an autoexcitation process in the ocean-atmosphere system 1-54106
- Volkova, A.V. see Andreeva, I.B. 1-37671
- Volkova, C.V., Koriavin, A.R. Some peculiarities of negative discharge development in symmetrical air gaps 1-15587
- Volkova, G.A. see Al'tman, V.A. 1-31678
- Volkova, L.P. see Barabanov, I.R. 1-23981
- Volkova, O.V., Sloutskin, L.S. Investigation of discharge development in support insulation structures 1-15728
- Volkova, T.A. see Levin, B.M. 1-36715
- Volkovitsky, O.A. see Almaev, R.K. 1-40194
- Volkovitsky, O.A. see Ivanov, E.V. 1-44297
- Volkovsky, L.S. see Belousov, V.V. 1-49244
- Volland, U. see Nieczypruk, B. 1-50421
- Vollet, D., Craievich, A.F., Reich, R. Sintering of dezinified α -brass 1-53130
- Volhardt, D., Wölfe, P. Diagrammatic, self-consistent treatment of the Anderson localization problem in d=2 dimensions 1-25664
- Vollmann, W. see Furrer, R. 1-7934
- Vollmann, W. see Reinhardt, C. 1-20711
- Vollmer, H.D. see Risken, H. 1-9877, 1-27883
- Vollmer, H.-P. see Glasmachers, G. 1-19338
- Vollmer, H.-P. see Huber, H.-P. 1-19472
- Vollmert, R. see Bachmaier, H. 1-36686
- Vollrath, L. see Semm, P. 1-26893
- Vollstadt, H. see Stiller, H. 1-32416
- Volnov, V.O., Shevakin, A.F., Shcherbedinski, G.V. Studies in quadrupole effects and Knight's shifts in vanadium-hydrogen-oxygen system 1-47967
- Volnyagin, D.P. see Belonogov, A.M. 1-18265
- Volobuev, I.V., Granatkin, E.V., Isakov, A.I., Korotkov, G.V., Kushin, V.V., Lyapidevskii, V.K. Investigation of spatial localization of the DD reaction products in a plasma focus 1-11600
- Volobuev, V.S., Minakov, V.P., Apollonova, G.V., Ezeev, N.A., Kalinkin, L.V., Knyaginichev, V.P., Solodovnikov, R.I., Shpon, V.D. Metrological data-acquisition system [for strain gauges] 1-5305
- Volodichev, N.N., Kolesov, G.Ya., Podorol'skii, A.N., Savenko, I.A., Suslov, A.A. Acceleration of protons in solar flares 1-36132
- Volodin, A.G. see Aizin, L.B. 1-15472
- Volodin, A.P. see Khaikin, M.S. 1-7690
- Volodin, B.A. see Ternov, I.M. 1-51352
- Volodin, K.E. see Aleksandrova, Z.A. 1-23942
- Volodin, V.D. see Aksinenko, V.D. 1-18662
- Volodina, A.N. see Tananaev, I.V. 1-39258
- Volod'ko, L.V., Kekishava, L.V., Ksenofontov, M.A., Lipnitskii, I.V., Ostrovskaya, L.E., Ryatsen, A.Ya., Ustichenko, S.N. Spectroscopic study of the structure and stability of 5-methylresorcinol-hexamethylenetetramine molecular complexes 1-43116
- Volod'ko, L.V., Khmel'nitskii, A.I., Cherenkevich, S.N. Use of fluorescent products of the peroxide oxidation of lipids for the study of temperature-induced changes in the structural state of the liposomes 1-4251
- Volod'ko, L.V., Komyak, A.I., Posledovich, M.R., Sevchenko, F.I. Anisotropy of Raman scattering in crystals of uranyl trinitrates 1-8061
- Volod'ko, L.V., Lunets, E.F., Matusevich, P.A., Min'ko, A.A., Maslova, G.T., Kharlamova, A.N., Khmel'nitskii, A.I. Relationship between the spectral characteristics and biological activity of certain ortho-benzoquinone derivatives 1-53758
- Volod'ko, L.V., Zazhigin, A.P., Komyak, A.I., Titkov, E.F., Vasil'ev, N.N., Priyatskaya, N.S. Nature of long-wave luminescence center in γ -irradiated trinitrate uranyl compounds 1-12573
- Vologdin, V.K. see Bondarenko, A.N. 1-46643
- Vologdina, G.P. see Sedov, V.M. 1-28597
- Volokitin, A.I. Green functions for an ordered adatom lattice 1-12162
- Volokitin, A.S. see Al'terko, B.A. 1-25004
- Volokitin, A.S. see Burinskaya, T.M. 1-51944
- Volonte, S. see Nicolosi, P. 1-41348
- Voloshev, P.P., Rozanov, V.B. Use of laser radiation conversion to fast electrons in laser thermonuclear ignition 1-41230
- Voloshevich, P.Yu., Gavriluk, V.G., Polushkin, Yu.A., Shnaider, M.B. Vanadium effect on steel structural stability in tests for long-term strength 1-21521
- Voloshevich, P.Yu. see Semavina, A.N. 1-3860
- Voloschuk, V.I. see Arkatov, Yu.M. 1-33257
- Voloschuk, V.M. Simple statistical model of the present-day climate 1-22482
- Volosin, A. Stress field evaluation in photoelastic anisotropic materials: experimental numerical technique 1-47149
- Volosin, A., Arcan, M. Failure of unidirectional fiber-reinforced materials - new methodology and results 1-35309
- Volosin, I.F., Skobov, V.G., Fisher, L.M., Chernov, A.S. Propagation of radio waves in a metal plate located in a perpendicular magnetic field 1-43016
- Volosin, M., Zakharov, V. On non-perturbative effects in the jet physics 1-18499
- Volosin, M. see Sikvie, P. 1-496
- Volosin, V.A., Kas'yanov, A.I. High-pressure low-temperature optical chamber 1-44977
- Volosov, D.S. Theory and state-of-the-art of photographic optics 1-28092
- Volosov, V.D. Methods of increasing the efficiency of nonlinear frequency conversion 1-1629

- Volosov, V.D., Kalintsev, A.G., Soms, L.N., Tarasov, A.A.** Wide-range continuously tunable source of ultraviolet, visible, and infrared radiation. 1. YAG laser 1-33696
- Volostnykh, B.V.** Forms of phosphorus in the surface microlayer of the western Sargasso Sea 1-54143
- Volovets, L.D., Zlatin, N.A., Leont'ev, S.A., Pugachev, G.S.** Effect of the temperature on the rupture kinetics of polymethyl methacrylate for rupture times in the microsecond range 1-53294
- Volovik, N.V.** see Brodin, M.S. 1-12556
- Volovik, S.V., Dyadyusha, G.G., Staninets, V.I.** Nucleophilicity and electrophilicity of radicals in reactions with alkenes 1-39626
- Volovik, V.D., Kobizkoi, V.I.** Radiation-acoustic effects in liquids 1-30281
- Volovin, S.M., Kazakov, K.N., Sluzhaev, V.N., Malomozhnov, A.M.** A device for the recording, reproduction and entry of acoustic logging data in the computers 1-27280
- Volpe, G.T.** see Akkapeddi, P.R. 1-46464
- Volpe, V.** Estimation of electrical conductivity and electromagnetic shielding characteristics of graphite/epoxy laminates 1-20841
- Volpenhein, E.C.** see Jones, B.G. 1-5968
- Volpenhein, E.C.** see Spencer, B.W. 1-10470
- Volpenhein, E.C., Jones, B.G., Spencer, B.W.** Modeling the dryout of TOP-generated porous blockages 1-45685
- Vol'pin, M.E.** see Nefed'ev, A.V. 1-7147
- Volpp, J.** see Nolte, G. 1-24214
- Volte, A.** see Ferrer, A. 1-50463
- Voltenkov, A.I., Red'ko, V.P.** Determination of the parameters of one-mode diffused waveguides 1-51610
- Voltz, R.** see Klein, J. 1-53442
- Volynsky, B.S.** see Belousov, V.V. 1-49244
- Volyak, T.B., Galkina, N.S., Krasnyuk, I.K., Pashinin, P.P., Trofimova, A.A., Sharafutdinova, D.I.** Metallized thin-film mirrors for pulsed laser systems 1-24474
- Volyar, A.V.** see Bykov, A.M. 1-41831
- Volymanskiy, E.I.** see Begzhanov, R.B. 1-33234
- Volynets, F.K., Gorokhova, E.I., Kolobkov, V.P.** Dependence of the properties of luminescent zinc sulfide ceramic on copper concentration 1-16598
- Volynets, F.K.** see Bazarova, L.F. 1-21394
- Volynets, F.K.** see Udalova, L.V. 1-8259
- Volz, D.J.** see Shaffer, K.A. 1-53888
- von Allmen, M.** see Hung, L.S. 1-38677
- von Allmen, M.** see Wittmer, M. 1-16215
- von Baltz, R., Kraut, W.** Bulk photovoltaic effect in pure pyro- and piezoelectrics 1-16315
- von Bardeleben, H.J., Tomlinson, R.D.** EPR characterization of p-type CuInSe₂ single crystals 1-34929
- Von Berlepsch, H.** see Brehrer, L. 1-7764
- von Boehm, J., Isomaki, H.** Pressure dependence of the energy spectrum of trigonal Se 1-2866
- von Boehm, J., Isomaki, H.** The relativistically corrected band edges of trigonal Te at the corner point H 1-47450
- von Boehm, J., Isomaki, H., Krusius, P.** Self-consistent valence charge density of the 1T layer compounds TiS₂, TiSe₂, ZrS₂, and ZrSe₂ 1-12013
- von Boehm, J.** see Isomaki, H. 1-12025, 1-42685
- von Borzeszkowski, H.-H.** see Treder, H.-J. 1-27690
- von Bradke, M.** see Henne, R. 1-53637
- Von Brentano, P.** see Deward, A. 1-45402
- Von Brentano, P.** see Kaup, U. 1-5677
- von Burg, K., Altwegg, L., Zschokke-Granacher, I.** Influence of surface effects on temperature on the interaction of triplet excitons in molecular crystals 1-8125
- Von Burg, K., Delahay, P.** Photoelectron emission spectroscopy of inorganic anions in aqueous solution 1-53044
- von Buseck, C.R.** see Cermak, G.W. 1-37701
- Von Damm, K.** see Nozaki, Y. 1-4531
- Von Dardel, G.** see Cockerill, D. 1-14742
- von der Borch, C.C.** Evolution of Late Proterozoic to Early Paleozoic Adelaide foldbelt, Australia: comparisons with post-Pennsylvanian rifts and passive margins 1-40115
- Von Der Heyde, P.** see Hehl, F.W. 1-18125
- von der Linde, D., Kuhl, J., Rosengart, E.-H.** Time resolved phonon spectroscopy in semiconductors 1-45036
- Von der Muhll, R.** see Lorient, M. 1-21147
- Von Der Muhll, R.** see Sadel, A. 1-31441
- von der Osten, W.** see Stolz, H. 1-52936
- von der Osten, W.** see Windschief, J. 1-26191
- von der Weid, J.P.** see Mori, Y. 1-3298
- von Dinkelake, R.-D., Schrewe, U.J., Schmidt-Ott, W.-D., Fehse, H.F., Bachmann, K.** Coupling of a He-jet system to gas chromatographic columns for the measurement of thermodynamic properties of chemical compounds of ^{90m}Nb(18s), ¹⁶⁰Hf(12s) and ¹⁶¹Hf(17s) 1-26788
- von Dratzig, A.** see Schults see Schults von Dratzig, A.
- von Egidy, T., Denk, W., Bergmann, R., Daniel, H., Hartmann, F.J., Reidy, J.J., Wilhelm, W.** Muonic Coulomb capture ratios and X-ray cascades in oxides 1-46175
- Von Egidy, T.** see Daniel, H. 1-10872
- Von Engelhardt, W., Stengelin, R.** Normative composition and classification of lunar igneous rocks and glasses. II. Lunar glasses 1-40362
- Von Essen, C.** see Richman, C. 1-22138
- Von Essen, R.** see Hinsen, R. 1-40021
- von Eyss, H.J.** see Buker, H. 1-14593
- von Feilitzsch, F.** see Boehm, F. 1-18466
- von Feilitzsch, F.** see Schreckenbach, K. 1-45551
- Von Geramb, H.V., Palla, G.** Elastic and inelastic proton scattering from even palladium isotopes 1-5758
- von Goeler, S.** see Brau, K. 1-19944
- von Goeler, S.** see Meserve, E.B. 1-24992
- von Gunten, H.R., Grutter, A., Reist, H.W., Baggenstos, M.** Ground-state spontaneous-fission half-lives of uranium isotopes 1-45553
- Von Gutfield, R.J.** Thermoelastic generation of elastic waves for non-destructive testing and medical diagnostics 1-26710
- von Hartrott, M.** see Willeke, F. 1-31053
- von Hippel, F.** Radioactive waste: the problem of plutonium 1-45640
- von Hippel, P.H.** see Kowalczykowski, S.C. 1-8799
- Von Hoehm, J.** see Krusius, P. 1-12026
- von Hoerner, S.** Strong coma lobes from small gravitational deformations 1-4767
- von Holtey, G.** see Altkofer, O.C. 1-45773
- von Holtey, G.** see Atherton, H.W. 1-14529
- von Jena, A., Lessing, H.E.** Rotational diffusion of dyes in solvents of low viscosity from transient-dichroism experiments 1-48027
- von Jena, A.** see Lessing, H.E. 1-11000
- von Klitzing, K.** Lineshape analysis of Shubnikov-de Haas oscillations in (100) n-type silicon inversion layers 1-12200
- von Klitzing, K., Englert, Th., Fritzsche, D.** Transport measurements on InP inversion metal-oxide semiconductor transistors 1-38857
- Von Krogh, J.** see Bartel, W. 1-18500, 1-45253, 1-45254
- Von Krogh, J.** see Drumm, H. 1-14762
- Von Krogh, J.** see O'Neill, L.H., Jr. 1-50443
- Von Lintig, R.D.** see Adelberger, E.G. 1-50555
- Von Lohneysen, H.** Calorimetric study of small clusters and single magnetic ions in dilute (Sr,Eu)S 1-3197
- Von Lohneysen, H., Platte, M., Sander, W., Schink, H.J., von Minnigerode, G., Samwer, K.** Low temperature thermal properties of amorphous superconducting ZrCu 1-30878
- Von Lohneysen, H.** see Aarts, J. 1-34898
- Von Lohneysen, H.** see Thomas, N. 1-30880
- Von Meerwall, E.** see Ferguson, R.D. 1-16076
- Von Meerwall, E.D., Ferguson, R.D.** A FORTRAN program to fit diffusion models to field-gradient spin echo data 1-52864
- Von Minnigerode, G.** see von Lohneysen, H. 1-30878
- Von Molnar, S.** see Holtzberg, F. 1-47657
- Von Niessen, W., Bieri, G., Asbrink, L.** 30.4-nm He(II) photoelectron spectra of organic molecules. III. Oxo-compounds (C, H, O) 1-14960
- Von Niessen, W.** see Asbrink, L. 1-6318
- Von Oertzen, W.** Rotational energy and limits to fusion reactions between two nuclei 1-18706
- Von Oertzen, W., Fuchs, H., Gamp, A., Homeyer, H., Jahnke, U., Jacmart, J.C.** Evaporation residue cross sections from the fusion of ⁵²Cr + ¹¹⁰Pd 1-23702
- Von Oertzen, W.** see Lehr, F. 1-50700
- Von Oertzen, W. (editor)** Deep-Inelastic and Fusion Reactions with Heavy Ions, Proceedings 1-49880
- Von Ortenberg, M.** Optical properties of the quasi two-dimensional systems on tellurium surfaces 1-12482
- Von Osten, W.** Experience of the Federal Republic of Germany with international safeguards in its nuclear facilities 1-14620
- Von Osten, W.** see Buker, H. 1-14593
- Von Platen, H.** see Umlauf, R. 1-39319
- Von Raben, K.** see Benner, R.E. 1-35056
- Von Rad, U.** see von Stackelberg, U. 1-13446
- Von Rague Schleyer, P.** see Whiteside, R.A. 1-46188
- Von Recklinghausen, D.R.** Dynamic equalization for loudspeakers 1-15341
- Von Recum, A.F.** see Park, J.B. 1-32105
- Von Roedern, B.** see Paul, D.K. 1-52071
- Von Roos, O.** Determination of deep level capture cross sections in wide band-gap semiconductors by means of an electron beam 1-3052
- Von Roos, O.** The generation of an electron-hole pairs in very thin solar cells possessing an optical back-surface reflector 1-43760
- Von Ross, O.** Theory of extrinsic and intrinsic heterojunctions in thermal equilibrium 1-3055
- Von Rossen, P.** see Hinterberger, F. 1-36934
- Von Schawen, R.** see Gorgens, E. 1-5420
- Von Schickfus, M.** see Baumann, T. 1-2570
- Von Schnering, H.-G., Wittmann, M., Nesper, R.** Dithiuron undecaphosphide Th₂P₁₁, a polyphosphide with a one-dimensional superstructure generated by a periodic change in the covalent bonds 1-38345
- Von Schulthess, G.K.** see Cohen, R.J. 1-39867
- Von Schutz, J.U., Guckel, F., Steudle, W., Wolf, H.C.** Phosphorescence- and delayed-fluorescence-detected magnetic resonance at zero-field on mobile and localized triplet states in anthracene 1-31063
- Von Schutz, J.U.** see Auch, W. 1-7975
- Von Seefeld, H.** see Wielunski, L. 1-47396
- Von Seggern, D.** Availability of focal mechanism solutions 1-13410
- Von Seggern, D.** A random stress model for seismicity statistics and earthquake prediction 1-22241
- Von Seggern, D.H.** see Chang, A.C. 1-9104
- Von Seggern, H.** see Gross, B. 1-7634
- Von Senbusch, G.** see Betz, J.W. 1-35865
- Von Stackelberg, U., Exon, N.F., von Rad, U., Quilty, P., Shafik, S., Beiersdorf, H., Seibert, E., Veevers, J.J.** Geology of the Exmouth and Wallaby Plateaus off northwest Australia: sampling of seismic sequences 1-13446
- Von Szepatly, L.** Electrophilic aromatic substitution: a free-electron approach 1-35508
- Von Waldkirch, T.** see Seiler, A. 1-2784
- Von Waldkirch, Th.** see Shaltiel, D. 1-43017
- Von Westenholz, C.** On spontaneous symmetry breakdown and the Higgs mechanism 1-33122
- Von Witsch, W., Moreno, B.G., Rosenstock, W., Franke, R., Steinheuer, B.** Determination of τ_{nn} via comparison of n-n and n-p quasi-free scattering in the d+n reaction at 24 MeV 1-10328
- Von Witsch, W.** see Hofsteezer, J.H. 1-41142
- Von Wolfersdorff, B.** see Breman, J. 1-43817
- Von Zahn, U.** Venus as a greenhouse: the significance of carbon dioxide for the climate of Earth and Venus 1-13718
- Vonbun, F.O.** see Kahn, W.D. 1-17692
- Vondra, B.L.** see Groenier, W.S. 1-18873
- Vonlanthen, A.** see Rehwald, W. 1-11801
- Vonnegut, B.** Atmospheric ice crystals 1-9234
- Voo, R.** Van der see Van der Voo, R.
- Voo, R.** Van der see Van der Voo, R.
- Voogd, N.** De see De Voogd, N.
- Voork, R.W., Singh, B., Knabbe, E.-A., Ho, J.H., Bhavsar, D.K.** Elemental surface composition of slipping copper as a function of temperature 1-47349
- Voork, R.W.** see Chao, S.S. 1-25593
- Vooren, A.W.** Van der see Van der Vooren, A.W.
- Vooren, J.** Van der see van der Vooren, J.
- Voort, E.** Van der see Van der Voort, E.
- Voorthuysen, E.H.** Du Marchie Van see Du Marchie Van Voorthuysen, E.H.
- Voos, M.** see Guldner, Y. 1-31131
- Voos, M.** see Voisin, P. 1-2881, 1-52920
- Vora, H.** see Ready, J.F. 1-29353
- Vora, K.H., Gujar, A.R., Karisiddaiah, S.M.** Sand waves of the Gulf of Khambhat 1-54068
- Vora, R.A.** see George, A.K. 1-15952, 1-47171
- Voracek, P.** Elimination of the gravitational singularities within the framework of Einstein's general theory of relativity 1-54359
- Voracek, P.** The Friedmann universe and the world potential 1-54671
- Vorderwisch, P., Hautoeceler, S., Wegener, W.** Hydrogen motions in cerium hydrides: A neutron spectroscopy study 1-20339
- Vore, R.W.** De see De Vore, R.W.
- Vorfolomeev, S.F., Kytin, G.A., Anokhina, T.N.** Standard low-temperature vibration-proof platinum resistance thermometer 1-23246
- Vorkunova, M.A.** see Malyukov, B.A. 1-2841
- Vorlicek, V., Gregora, I.** Investigation of phase transition in Hg-Cl₂ crystals. II. Domain behaviour and thermal expansion 1-20380
- Vorlicek, V.** see Gregora, I. 1-25426
- Vorobeichik, V.M.** see Arkhipova, V.I. 1-4139
- Vorob'ev, A.A.** Electricity of the Earth's interior - a new source of energy 1-39833
- Vorob'ev, A.M.** see Markochev, V.I. 1-17005
- Vorob'ev, A.P.** see Artamonov, K.I. 1-2087
- Vorob'ev, A.V.** see Anisratov, A.T. 1-30782
- Vorob'ev, A.V.** see Bugrov, V.Ya. 1-25799
- Vorob'ev, A.V.** see Shchelokov, A.N. 1-1635
- Vorob'ev, A.Z.** Some problems in investigating the development of fatigue cracks 1-34406
- Vorob'ev, B.S.** Separation condition of the operating signals in the 'electrical ratio' scheme for spectrophotometers 1-36741
- Vorob'ev, B.S.** Signal-to-noise ratio for double modulation of the flux in a spectrophotometer 1-40869
- Vorob'ev, E.I., Il'in, L.A., Knizhikov, V.A., Aleksakhin, R.M.** Current problems of radiation ecology and hygiene in nuclear power 1-26857
- Vorob'ev, E.I., Kovalev, E.E., Sakovich, B.A., Serbinov, A.N., Brill, O.D., Gribov, V.S., Zaborovskiy, Yu.I.** Experimental basis for simulation of radiation encountered in space flights 1-28715
- Vorob'ev, G.A.** see Burachevskii, Y.A. 1-31317
- Vorob'ev, I.V.** see Vashchilov, Yu.Ya. 1-53957

- Vorob'ev, L.S. *see* Burgov, N.A. 1-598
- Vorob'ev, M.A., Ambrok, A.G., Peller, V.V. Calculation of the equilibrium number of point defects at the interface between two crystals and the influence of such defects on the adhesion energy 1-11744
- Vorob'ev, N.A., Kazharskaya, L.P., Kleshchev, A.S., Semenova, N.M. Temperature-time dependence of hardening of thermomechanically treated Ni alloy KhN73MBTyu 1-48377
- Vorob'ev, R.N., Zverev, V.N., Savrukhnin, A.P. Bismuth magnetoresistive disk at a 50-KA current 1-30771
- Vorob'ev, S.A., Denisov, F.P., Zabaev, V.N., Il'in, S.I., Kalinin, B.N., Kuznetsov, V.M., Potylitsyn, A.P. Orientational effect in the excitation of elastic waves by channelled 900-MeV electrons in diamond 1-30286
- Vorob'ev, S.A. *see* Adishchev, Yu.N. 1-2547, 1-34384
- Vorob'ev, S.A. *see* Kaplin, V.V. 1-52205
- Vorob'ev, S.A. *see* Kuz'minykh, V.A. 1-47116
- Vorob'ev, S.A. *see* Pivovarov, Yu.L. 1-2545
- Vorob'ev, S.A. *see* Potemkin, V.G. 1-23925
- Vorob'ev, V.L., Vorob'eva, G.I., Grishin, V.N. Heterogeneous equilibrium and mass transfer in the $Zn_{1-x}Zn_xGa_x$ system [in LPE of GaP:Zn] 1-42539
- Vorob'ev, V.N., Khasanov, F.N., Khalikov, R.K. Diffuse reflection electronic spectra and state of the iron ions in polycrystalline samples of the systems $Fe_2O_3-Al_2O_3$ and Fe_2O_3-MgO 1-26234
- Vorob'ev, V.V., Kapitonov, V.A., Kruglyakov, E.P., Tsiduklo, Yu.A. Breakdown of water in a system with 'diffusion' electrodes 1-52897
- Vorob'ev, Yu.P. *see* Men, A.N. 1-15926
- Vorob'ev, Yu.V., Pilipenko, A.A., Fomin, N.G. Determination of energy semiconductor structure parameters by thermal effect of short light pulses 1-52487
- Vorob'eva, G.I. *see* Vorob'ev, V.L. 1-42539
- Vorob'eva, I.V. *see* Geguzin, Ya.E. 1-52204
- Vorob'eva, L.M. *see* Lysenko, L.N. 1-17051
- Vorob'eva, N.I., Koblik, S.G., Manevich, L.I. Axisymmetric contact problem taking account of adhesion and slip 1-24755
- Vorob'eva, O.V. Mechanism of formation of oxide films on glass 1-12900
- Vorobiev, G.G. *see* Ableev, V.G. 1-18507
- Vorobiev, S.A. *see* Adishchev, Yu.N. 1-25340
- Vorobiev, S.A. *see* Didenko, A.N. 1-48191
- Vorobiev, S.A. *see* Plotnikov, S.V. 1-42441
- Vorobiev, S.A. *see* Popov, D.E. 1-7220
- Vorobiev, A.P. *see* Ajinenko, I.V. 1-592, 1-23525
- Vorobiev, A.P. *see* Chliapnikov, P.V. 1-599, 1-36886
- Vorobiev, A.P. *see* Saudraix, J. 1-5666
- Vorobiev, E.D. *see* Ananjev, V.D. 1-28690
- Vorob'yev, V.G., Rezhnev, B.V. Relation between the variations of the equatorial boundary of auroras with DP-2 disturbances 1-22564
- Vorobyov, A.A. *see* Burq, J.P. 1-23912
- Vorona, D.S. *see* Flis, A.A. 1-31615
- Voronel, A., Steinberg, V., Sverbilova, T. Weak-melting in a K-Cs mixture 1-2599
- Voronel, A. *see* Shmueli, U. 1-38331
- Voronel, A. *see* Steinberg, V. 1-7525, 1-7676, 1-39312
- Voronich, V.B., Orgurtsova, N.N., Podmoshenskii, I.V., Rogovtsev, P.N. Stabilization of a pinched high-current discharge by means of a plasma jet 1-52015
- Voronia, B.M., Prisyazhnyi, V.D. High-temperature conduction of alkaline-earth fluorides and magnesium fluoride, and the thermodynamic characterization of ionic disorder in the fluorite structure 1-34510
- Voronia, E.S., Ivakhnik, V.V., Petnikova, V.M., Solomatina, V.S., Shuvalov, V.V. Optimization of a system for compensation of phase distortions caused by extended inhomogeneities 1-33632
- Voronia, S.A., Edneral, A.F., Kirienko, V.I., Perkas, M.D. Increasing the strength of maraging alloys by deformation and heat treatment 1-43371
- Voronia, S.P. *see* Myl'nikov, V.S. 1-25742
- Voronia, V.A. *see* Prokhorov, V.A. 1-31323
- Voronia, E.V. *see* Rybin, V.V. 1-25128
- Voronia, I.Yu., Epifanov, V.P. Acoustical studies of structural changes in granite under axial compression 1-19532
- Voronia, S.A. *see* Artyushenko, V.G. 1-51575
- Voronskin, V.G. Nonequilibrium viscous shock layer on blunt cones 1-24840
- Voronskin, V.G. *see* Bespalov, V.L. 1-37904
- Voronskina, L.A. *see* Movchan, V.I. 1-8499
- Voron'ko, Yu.K., Ignat'ev, B.V., Lomonova, E.E., Osiko, V.V., Sobol', A.A. Raman scattering investigation of high-temperature phase transitions in solid solutions based on ZrO_2 and HfO_2 1-12509
- Voron'ko, Yu.K. *see* Basiev, T.T. 1-12583
- Voronkov, A.A. *see* Chernitsova, N.M. 1-30195
- Voronkov, A.A. *see* Kurova, T.A. 1-25227
- Voronkov, A.A. *see* Pudovkina, Z.V. 1-20168
- Voronkov, M.E. *see* Brailov, V.P. 1-23871
- Voronkov, M.G. *see* Makarskii, V.V. 1-17129
- Voronkov, M.G. *see* Voronov, V.K. 1-6279
- Voronkov, S.N. *see* Mashatkova, V.A. 1-31296
- Voronkov, V.A., Sukhareva, L.A., Zubov, P.I. Apparatus and method to determine the anisotropic state of oriented polymer materials by means of thermophysical parameters 1-11285
- Vorono, F.F., Chernysheva, E.V., Goncharova, V.A. Elastic properties of the NaCl single crystal at pressures up to 9 GPa and temperature of 293K 1-34397
- Vorono, F.F., Goncharova, V.A., Stal'gorova, O.V. Elastic properties of cerium under pressures up to 8.4 GPa and temperature of 293K 1-34395
- Vorono, I.D. *see* Aver'yanov, P.N. 1-44945
- Vorono, V.A., Ivchenko, V.O. On calculating the influence of mesoscale motions on large-scale ocean circulation 1-4520
- Vorono, V.K., Voronkov, M.G. The complexing ability and structure of Si-substituted silatranes 1-6279
- Vorono, V.N. *see* Flerov, I.N. 1-2627
- Vorono, V.P., Malyshev, V.M., Merkulov, V.M. Time-delay measuring circuit for a wave pulse used in acoustic experiments 1-46640
- Vorono, V.V. *see* Ponomarev, V.Yu. 1-23592
- Voronova, A.A. *see* Arutyunyan, E.G. 1-32094
- Voronova, A.A. *see* Makhaldiani, V.I. 1-4246
- Voronova, L.S. *see* Alekhovich, A.N. 1-31977
- Voronova, N.F. *see* Tsiduklo, V.D. 1-18211
- Voronovskii, L.I. Simulation of motion picture films washing processes 1-23339
- Vorontsov, L.F. *see* Baranov, V.M. 1-34779
- Vorontsov, S.S. *see* Baev, V.K. 1-24898
- Vorontsov, V.I., Parkhomenko, Yu.N. Nonplanar dispersive resonator with grating 1-1600
- Vorontsov, Y.I. *see* Braginskii, V.B. 1-23099
- Vorontsov, Yu.I. Energy-time uncertainty relation 1-27825
- Vorontsov-Velyaminov, B.A. The photography of groups of galaxies 1-9387
- Vorontsova, M.M., Ditchuk, V.Z., Eganova, V.F., Krylov, S.S., Sagarits, V.A., Starostin, I.A. Influence of electromagnetic radiation on optical properties of lithium iodate 1-21249
- Vorontsova, N.M., Shiryayeva, M.P. Influence of binder components on properties of diamond tool 1-1739
- Voronyak, Ya.M. *see* Tkach, N.V. 1-42699
- Voropaev, A.I., Van'kov, A.A., Tsiubulya, A.M. Comparison of calculations on a standard fast reactor 1-23739
- Voropal, E.S., Kirsanov, A.A., Saechnikov, V.A., Sechenko, A.N. Effect of temperature on probability of energy transfer and nonradiative loss in the europium benzoylethanone system of levels 1-12572
- Voropal, E.S., Koyava, V.T., Saechnikov, V.A., Sarzhevskii, A.M. Features of nonuniform broadening of the levels of anthracene derivatives under electron excitation energy transfer conditions 1-51236
- Voropal, E.S. *see* Butko, A.I. 1-41450
- Voros, A. *see* Grammaticos, B. 1-28396
- Voroshilov, V.P., Seleznev, L.I., Usyukin, I.P. Spontaneous condensation of water vapour during non-adiabatic expansion to a two-phase region 1-51695
- Voroshilov, Yu.V. *see* D'ordya, V.S. 1-26212
- Voroshilov, Yu.V. *see* Stefanovich, V.A. 1-2406
- Voroshko, P.P., Kobel'skii, S.V. An economical and concise representation of stiffness matrices for three-dimensional problems of the theory of elasticity 1-29559
- Vorotnikov, P.E., Grusha, O.V., Melikov, Yu.V., Tulinov, A.F., Chichenin, N.G., Yuminov, O.A. Lifetimes of the ^{235}U compound nuclei for excitation energies between 6, 7 and 10 MeV 1-45545
- Vorotynets, M.A., Martem'yanov, S.A., Grafov, B.M. Closed equation for turbulent heat and mass transfer 1-29695
- Vorotynets, M.A. *see* Kornyshev, A.A. 1-34769, 1-34974
- Vorotynets, M.A. *see* Martem'yanov, S.A. 1-51763
- Vorovich, I.I. Resonance properties of semifinite shells 1-6825
- Vorozheikina, L.F., Mumladze, V.V., Khulordava, T.G. Diffraction efficiency of holograms recorded with radiation from an He-Ne laser in irradiated NaCl crystals 1-51407
- Vorozhtsov, E.V., Yenenko, N.N. On the theory of differential analysers of contact discontinuities in one-dimensional flows. I 1-14019
- Vorozhtsov, E.V., Yenenko, N.N. On the theory of differential analysers of contact discontinuities in one-dimensional flows. II 1-14020
- Vorst, C.P.J.M. Van Der *see* Van Der Vorst, C.P.J.M.
- Vos, A. *see* Braam, A.W.M. 1-30210
- Vos, J.de *see* de Vos, J.
- Vos, R.G. *see* Jones, R.E. 1-11301
- Vosburgh, R.O. *see* Gharakhani, A. 1-28669
- Voshall, R.E. *see* Emtage, P.R. 1-34148
- Voshchinnikov, N.V. Interpretation of polarimetric observations of two bipolar reflection nebulae 1-49763
- Vosbedchenko, B.M. *see* Gryaznov, G.M. 1-35512
- Vosika, O. Application of laser technique in geodesy and building industry 1-49420
- Voskanyan, A.A., Ingilzian, P.N., Shevchenko, Ya.M., Shmakova, T.B. Influence of the nature of a thermal field on the electrical properties of copper selenide 1-7648
- Vosko, S.H., Wilk, L. Influence of an improved local-spin-density correlation-energy functional on the cohesive energy of alkali metals 1-20644
- Voskoboinik, G.A. *see* Molodnyakov, S.P. 1-43685
- Voskoboinikov, S.P., Rakitskii, Yu.V., Rozhanskii, V.A., Senichenko, Yu.B., Tsendin, L.D. Numerical simulation of diffusion of a strong perturbation of a weakly ionized plasma in a magnetic field 1-38138
- Voskresensko, L.S. *see* Nemoshkalenko, V.V. 1-35122
- Voskresenskaya, E.N. *see* Kutvitskii, V.A. 1-16044
- Voskresenskii, D.N. On the question of the superconductivity of the pionic condensate 1-18576
- Voskresensky, A. *see* Baker, D.J., Jr. 1-13562
- Voslamber, D. The problem of ion dynamics in Stark broadening 1-37151
- Voslamber, D., Segre, E.R.A. Ion dynamic correction to the profile of the forbidden 2^3P-4^3F transition of He(I) 1-19055
- Voslamber, D. *see* Le Quang Rang 1-19084
- Voss, A.-C., Metzger, H., Koch, H.L. Field controls in radiation therapy 1-9006
- Voss, D. *see* Meservey, E.B. 1-24992
- Voss, D.A. *see* Mastro, R.A. 1-42008
- Voss, D.E., Cohen, S.A. Low energy neutral outflux from the PLT Tokamak 1-29909
- Voss, E.E. *see* Kiefer, L.M. 1-9160
- Voss, G.-A. The 19 GeV storage accelerator ring PETRA 1-37028
- Voss, H.-J. The flashover of spacer surfaces in SF₆ caused by conducting particles under oscillating switching impulse voltage 1-11629
- Voss, J.A., Herrmann, R.B. A surface wave study of the June 16, 1978 Texas earthquake 1-35937
- Voss, J.W. *see* Peltó, P.J. 1-846
- Voss, R. Calculation of plane transonic flows using the integral equation method and shock fitting 1-29717
- Voss, R., Lehmpfuhl, G., Smith, P.J. Influence of doping on the crystal potential of silicon investigated by the convergent beam electron diffraction technique 1-7198
- Voss, R. *see* Hanna, D. 1-41015
- Voss, R. *see* Irion, J. 1-50475
- Voss, R.F. 1/f (flicker) noise: a brief review 1-14093
- Voss, R.F. Noise characteristics of an ideal shunted Josephson junction 1-42913
- Voss, R.F., Knoedler, C.M., Horn, P.M. Phase-slip shot noise at the two-dimensional superconducting transition: evidence for vortices? 1-7793
- Vossebrecker, H., Gronefeld, G. Retention of dispersed fuel within the reactor vessel of the SNR-300 1-5892
- Vossebrecker, H., Gronefeld, G. Retention of fuel within the reactor vessel of LMFRs after hypothetical accidents with core melting 1-23782
- Vossenbergh, E.B. *see* Rodé, V. 1-28760
- Vostrikov, A.A., Mironov, S.G., Rebrov, A.K., Semyachin, B.E. Measurement of the energy of a clustered molecular beam with a cooled bolometer 1-23228
- Vostry, P. *see* Haslar, V. 1-43419
- Vostry, P. *see* Mencl, J. 1-43416
- Vostry, P. *see* Stejskalova, V. 1-43415
- Voszka, R. Growth of single crystals at the Research Laboratory for Crystal Physics 1-8208
- Votano, L. *see* Basile, M. 1-10188
- Votinov, M.P. *see* Al'perovich, M.A. 1-8588
- Votinov, M.P. *see* Emel'yanov, G.M. 1-15231
- Vourdas, A. *see* Donnachie, A. 1-45320
- Vourvopoulos, G. *see* Pocsanic, D. 1-41127
- Vovchenko, A.I., Emets, Yu.P. Investigation of electrodynamic processes in a heavy-current discharge circuit in fluid 1-2278
- Vovchenko, A.I. *see* Ostrovskii, I.Ya. 1-42225
- Vovchenko, V.G. *see* Efimov, V.A. 1-41007
- Vovenko, A.S. *see* Agakishiev, G.N. 1-5651
- Vovk, A.B. *see* Avchukhov, V.D. 1-33235, 1-45386
- Vovk, A.E., Gudkov, V.V., Levchenko, T.V., Tyutkin, V.V. Normal modes of a solid rectangular waveguide 1-19484
- Vovk, I.V. Sound radiation from a cylinder partially encased in an open annular layer 1-19502
- Vovk, I.V. Sound radiation by a periodic array of rod transducers with a backside acoustic-insulation layer 1-37756
- Vovnenko, V.I., Glinchuk, K.D., Lukat, K., Prokhorovich, A.V. Changes in the recombination properties and vibration spectra of deep luminescence centers due to plastic deformation of GaAs 1-21271

- Voyakin, V.N. *see* Zablotskii, V.K. 1-3727
- Voytenko, I.D. *see* Blinov, A.V. 1-23665
- Vozzelle, B. *see* Galibisio, A. 1-21620, 1-26648
- Voznilova, L.N., Berdichenko, M.M. Local etching of GaAs and InP by a solution of bromine in dimethylformamide 1-39484
- Voznesenskiy, B.S., Dzeban', I.P., Karus, E.V., Kuznetsov, O.L., Osadchii, A.P., Pashnik, V.I., Tsalyuk, M.V., Yagodov, G.N. Acoustic logging apparatus type AKN1 1-27292
- Voznyak, O.M. *see* Freik, D.M. 1-42689
- Voznyakevich, E.V., Nomoflov, E.V. Diffusion of heavy spherical particles in a turbulent flow 1-19688
- Vozoff, K. Electromagnetic methods in applied geophysics 1-22519
- Vozzhaev, V.D., Gross, L.G. Orientation of emulsion microcrystals during the formation of a photographic layer 1-23344
- Vrable, D.L., Quade, R.N. Design of the HTGR for process heat applications 1-45594
- Vrana, G. *see* De Brion, J.P. 1-37066
- Vrana, M. *see* Mikula, P. 1-7048
- Vrati, S.C., Rani, N., Gupta, D.K., Gupta, H.C. Phonon anomalies in nickel, palladium and platinum using the model potential approach 1-15988
- Vratislav, S. *see* Jirak, Z. 1-7145
- Vrazhnov, Yu.N. *see* Abramov, V.V. 1-596
- Vrba, F.J., Coyne, G.V., Tapia, S. Observations of grain and magnetic field properties of the R Coronae Australis dark cloud 1-54577
- Vrba, V. *see* Batyunya, B.V. 1-600
- Vrba, V. *see* Boos, E.G. 1-5661
- Vrbancich, J., Bogaard, M.P., Ritchie, G.L.D. Instrumentation for field-gradient birefringence measurements on liquids: a comparison of two electrode systems 1-33030
- Vrbancich, J. *see* Barron, L.D. 1-24286
- Vrbancich, J. *see* Carloti, M. 1-24138
- Vrbancich, J. *see* Ritchie, G.L.D. 1-46164
- Vrbka, J., Podrasky, T. Plastic deformation and the dislocation structure along the axis in cylindrical rod made of steel CSN 12 010 loaded by longitudinal impact 1-3836
- Vrestal, J. *see* Patoka, V.I. 1-30373
- Vreugdenhil, C.B. Computers help in the investigation of the flow of water 1-38012
- Vreux, J.-M. *see* Noels, A. 1-36265
- Vrhova, S. *see* Ljubisa, L. 1-23784
- Vriend, J. *see* Bovee, W.M.M.J. 1-24171
- Vriens, A. *see* Cleland, W.E. 1-23522
- Vriens, L., Smeets, A.H.M. Cross-section and rate formulas for electron-impact ionization, excitation, deexcitation, and total depopulation of excited atoms 1-1384
- Vriens, L. *see* Morgan, W.L. 1-11606
- Vries, A.D. *see* De Vries, A.
- Vries, A.E. *see* De Vries, A.E.
- Vries, A.E. *see* De Vries, A.E.
- Vries, C.P. *see* De Vries, C.P.
- Vries, H.F.W. *see* De Vries, H.F.W.
- Vries, J. *see* De Vries, J.
- Vries, M.S. *see* De Vries, M.S.
- Vries, M.S. *see* De Vries, M.S.
- Vriesema, B., Latzko, D.G.H. Void-flow instability: prediction and verification of operating limits 1-28563
- Vrieslander, J. *see* Faissler, W. 1-45351
- Vrijen, J., Aalders, J., van Dijk, C. Neutron scattering study on the kinetics of clustering in CuNi alloys 1-7342
- Vrolijk, J.W.G.A. *see* Van Loo, F.J.J. 1-39311
- Vromans, P.H.G.M. *see* Lotgering, F.K. 1-38953
- Vroom, D.A. *see* Rutherford, J.A. 1-37323
- Vroomen, A.R. *see* De Vroomen, A.R.
- Vrublevskaya, V.I. Antifurcation composite materials based on wood, organic, and macromolecular compounds 1-48522
- Vshivtsev, A.S. Production of neutrino pairs by an electron in a crossed field 1-40959
- Vtyurin, A.A. *see* Kabanov, I.S. 1-1643
- Vtyurin, V.A. *see* Andzhevschii, Yu. 1-36952
- Vu, D.-P. *see* Oka, Y. 1-52959
- Vu, D.T. Great inequalities and libration terms of satellites I, II, and III of Jupiter 1-44472
- Vu, H. Recent progress in infrared Raman and Rayleigh spectroscopy of molecular interactions in dense fluids 1-39104
- Vu, T. *see* Zemke, W.T. 1-46026
- Vu, T.H. *see* Verma, K.K. 1-46012
- Vu Duy Phach *see* Honerlage, B. 1-2880
- Vu Thien Binh *see* Davenas, J. 1-2493
- Vuba, K.T. *see* Zubkov, A.N. 1-3863
- Vucht, J.H.N. *see* Van Vucht, J.H.N.
- Vucht, R.J.M. *see* Van Vucht, R.J.M.
- Vucic, Z., Ogorelec, Z. Unusual behaviour of non-stoichiometric cuprous selenide at the transition to the superionic phase 1-7327
- Vucic, Z. *see* Ogorelec, Z. 1-20454
- Vucich, J.J. A survey of entrance skin exposure values for two radiographic projections 1-44021
- Vugmeister, B.E., Glinchuk, M.D. Some features of the cooperative behavior of paraelectric defects in strongly polarized crystals 1-8019
- Vugts, H.F. A study of terrain inhomogeneity 1-22382
- Vuilleme, H. *see* Chatelain, P. 1-28480
- Vuilleme, H. *see* Foroughi, F. 1-5779
- Vuillemin, J.J. *see* Dye, D.H. 1-42676
- Vuillemin, V. *see* de Billy, L. 1-23512
- Vuillermoz, M. *see* Kidin, N. 1-19988
- Vuillemeur, B. *see* Foroughi, F. 1-5779
- Vuilleumier, J.L. *see* Boehm, F. 1-18466
- Vuilleumier, J.L. *see* Schreckenbach, K. 1-45551
- Vuilleumier, J.-L. *see* Wang, K.-C. 1-1415
- Vujcic, M. *see* Bozovic, I.B. 1-7117, 1-20612
- Vujovic, M. *see* Matic, M. 1-6349
- Vukajlovic, F. *see* Ponomarev, L.I. 1-44780
- Vukanovic, R.B. *see* Koturovic, A.M. 1-32079
- Vukelich, S.B. *see* Movchan, V.I. 1-8499
- Vukelich, S.B. *see* Taran, Yu.N. 1-8299
- Vukicevic, D., Demoli, N., Bisticric, L., Vander Lugt filter optimization for the metrology in industrial and scientific research 1-15100
- Vukolipov, V.M. *see* Bukharov, M.N. 1-49400
- Vukovic, S. *see* Jovanovic, D. 1-42154
- Vukovic, V. Pressurized water reactor protection 1-863
- Vukovich, F.M., King, W.J. A theoretical study of the St. Louis heat island: comparisons between observed data and simulation results on the urban heat island circulation 1-44258
- Vukstich, V.S., Zhmenyay, Yu.V., Postoi, E.N., Zapesochni, I.P. Electron-impact excitation of magnesium atom L-shell 1-33564
- Vul', A.Ya. *see* Biryulin, Yu.F. 1-26370
- Vul', B.M., Zavaritskaya, E.I., Ivanchik, I.I. Electrical conductivity of germanium clean surface 1-52640
- Vul', E.B. *see* Sinai, J.G. 1-9930, 1-50043
- Vuletin, J. *see* Bosanac, M. 1-4213
- Vulli, M. On sensitivity of XPS analysers with preretardation 1-14221
- Vulmiri, S. *see* Brownstein, M. 1-43864
- Vulpiani, A. *see* Benzi, R. 1-1920, 1-6846
- Vuori, S. *see* Savolainen, I. 1-39856
- Vurgun, T. Selective surface coating with black chrome 1-17268
- Vuskovic, L., Srivastava, S.K. Scattering of intermediate-energy electrons by potassium 1-24254
- Vuuren, P. *see* Van Vuuren, P.
- Vvedenskii, V.A., Kalachev, P.D., Kuz'min, A.D., Semenov, Yu.N., Sorochenko, R.L. Precision system for guiding the RT-22 radio telescope of the Physics Institute of the Academy of Sciences of the USSR 1-4772
- Vvedenskii, V.D., Metel'nikov, A.A., Furman, Sh.A. Achromatic antireflection coatings for materials with refractive indices of 1.46-1.8 1-24475
- Vyakhorev, V.G., Deniskin, V.P. An applied eddy-current transducer on an aerostatic support 1-36649
- Vyal'y, N.G. *see* Voitsekhoval'skiy, A.V. 1-42769
- Vyas, D.D. *see* Pandya, G.R. 1-3596
- Vyas, D.N. *see* Srivastava, K.M. 1-2159
- Vyas, G.D., Chandra, H. Spaced receiver investigations of F-region irregularities near the edge of electrojet 1-44360
- Vyas, H.K. *see* Verma, P.D. 1-42084
- Vyatchanin, S.P. *see* Braginskii, V.B. 1-31087
- Vyatkin, A.P. Strain-electrical phenomena in gallium arsenide structures 1-25798
- Vyatkin, K.V., Shotov, A.P. Optical properties of epitaxial PbSe films 1-31214
- Vyborny, C. *see* Chen, C.S. 1-26988
- Vyborny, C.J., Metz, C.E., Doi, K. Relative efficiencies of energy to photographic density conversions in typical screen-film systems 1-22123
- Vyborny, C.J., Metz, C.E., Doi, K. Large area contrast prediction in screen-film systems [radiography] 1-40916
- Vyborny, Z. To the problem of the interpretation of the short-wave band in the red luminescence spectra of GaP:Zn. O samples 1-39144
- Vydashenko, V.N., Landau, A.I., Lubenets, S.V., Ostapchuk, E.I. Temperature effect on kinetics of thermally activated overcoming of dislocations of point obstacles randomly arrayed in the slip plane 1-52146
- Vydorov, V.N. *see* Bugorski, A.P. 1-18653
- Vygovskaya, E.A., Galaev, A.A., Lapidus, E.M. Effects of strain on the surface mobility of electrons in silicon on sapphire 1-42867
- Vygovskii, A.M. *see* Buda, I.S. 1-34729
- Vylickiy, M. *see* Cermak, M. 1-12928
- Vylegzhanin, O.N. *see* Cherkasov, V.S. 1-6319, 1-24051
- Vylegzhanin, V.P. *see* Avatinyan, G.A. 1-37539
- Vylov, Ts., Omanov, Sh., Aleksandrov, V.S., Badalov, N.B., Budzyak, A., Kuznetsov, V.V., Muminov, A.I., Khan Khem Mo The radioactive decay of ^{147}Gd , ^{147}Eu 1-45422
- Vylov, Ts. *see* Abdurazakov, A.A. 1-33217
- Vylov, Ts. *see* Sergienko, V.A. 1-45467
- Vyshinskiy, N.N. *see* Grinval'd, I.I. 1-6165
- Vyshlov, A.S. *see* Vasilyev, M.B. 1-9395
- Vyshvanyuk, V.I., Alymov, V.T., Vishnevskii, Z.N. Dilatometer for accelerated investigation of the thermal expansion of polymers 1-15384
- Vyskubenko, Yu.A., Maslennikov, V.M., Tsalko, E.A. Heat transfer and precipitates in the initial section of a pipe during cooling of a flow of dispersed gas 1-1957
- Vyskubov, V.P., Gribkov, V.A., Zhogov, L.M., Il'in, Yu.M., Isakov, A.I., Krokhin, O.N., Lavrov, N.N., Ovechkin, V.N., Suvorov, V.A., Fedorov, Yu.V., Cheblukov, Yu.N. Operation of a setup with a dense plasma focus using a deuterium-tritium mixture 1-46919
- Vyskubov, V.P. *see* Georgobiani, A.N. 1-47105
- Vysloukh, V.A. *see* Verbitskii, S.S. 1-52498
- Vysniauskas, J. *see* Valacka, K. 1-20867
- Vysotsky, M.K. Strong interaction corrections to semiweak decays: calculation of the V-Hy decay rate to order α_s 1-18484
- Vystavkin, A.N. *see* Bukharov, M.N. 1-49400
- Vytacil, R. Thermodynamic properties of molten (lead chloride + potassium chloride) 1-25439
- Vyukov, L.A., Gergel', V.A., Solyakov, A.N. Localized generation in the space-charge region of a MOS structure as a cause of shortening of the relaxation time with voltage 1-30834
- Vyvan, V.A., Levin, M.D. Surface acoustic wave reflection from a capture-level charge grating 1-30540
- Vyunenko, L.F. *see* Dubrovskii, G.V. 1-41368
- Vyunenko, Yu.N., Likhachev, V.A. Time dependence of internal friction in titanium, nickelide near phase transformation temperature 1-47170
- Vyvenko, O.F., Samuilova, N.B. Photovoltaic effect associated with dislocation slip bands in cadmium sulfide 1-20815
- Vyver, R. *see* Van de Vyver, R.
- Vyzhlov, B.V., Ivanova, V.V., Izvekova, V.A., Kuz'min, A.D., Kuz'min, Yu.P., Malofeev, V.M., Popov, Yu.M., Solomin, N.S., Shabonova, T.V., Shitov, Yu.P. Automation of the processing of pulsar observations 1-4932
- Vzhetsionko, E. *see* Belyaev, V.B. 1-18688
- W., S.R. *see* Juarez *see* Juarez W., S.R.
- W. Chow Weng *see* Weng W. Chow
- W. Song Chang *see* Chang W. Song
- Waagen, E. *see* Bortle, J.E. 1-13788
- Waal, H. *see* de Waal, H.
- Waard, H. *see* de Waard, H.
- Waard, H. *see* De Waard, H.
- Wabnitz, H. *see* Schubert, D. 1-40832
- Wach, C. *see* Winsch, I.O. 1-23828
- Wach, W., Wittmaack, K. Problems encountered in depth profiling of nitrogen and oxygen in silicon by means of secondary ion mass spectrometry 1-31287
- Wachniewski, A. Thin film with surface disorder in the average t-matrix approximation 1-7437
- Wachs, I. *see* Kelemen, S.R. 1-3546
- Wachsmuth, H. *see* Allen, P. 1-14367, 1-36856, 1-36857
- Wachsmuth, H. *see* Blietschau, J. 1-10190
- Wachsmuth, H. *see* Denen, H. 1-28311
- Wachsmuth, H. *see* Fritze, P. 1-14431
- Wachsmuth, H. *see* Grassler, H. 1-50414
- Wachtel, A. Luminescence in the SrO-Li₂O-P₂O₅ system 1-48133
- Wachtel, E.J. *see* Wachtel, J.M. 1-46270
- Wachtel, F. *see* Ritty, B. 1-14141
- Wachtel, J.M., Wachtel, E.J. Backward wave oscillation in the gyrotron 1-46270
- Wachter, J.W. *see* Croff, A.G. 1-853
- Wachter, P. Physics of Eu₂S₃ and Sm₂S₃ [optical spectra] 1-12524
- Wachter, P. *see* Boppert, H. 1-12498
- Wachter, P. *see* Iqbal, Z. 1-3382
- Wachter, P. *see* Schoenes, J. 1-47689
- Wachter, P. *see* Travaglini, G. 1-48021
- Wachter, P. *see* Treindl, A. 1-39097
- Wachter, P. *see* Vogt, O. 1-47913
- Wachter, W., Vana, N.J., Aiginger, H. The influence of hydroxyl ions on the thermoluminescence properties of LiF:Mg, Ti 1-3510
- Wacinski, M. *see* Ernst, S. 1-42467
- Wack, B. *see* Molina, J.-P. 1-24553
- Wacker, K., Buck, P. X-ray investigations of thallium-antimony selenide TiSbSe₂ 1-2386
- Wacker, K. *see* Berger, C. 1-5636, 1-10209
- Wacker, K. *see* Berger, Ch. 1-14404
- Wacker, K. *see* Partridge, R. 1-10207, 1-18483
- Wactawek, W., Zabkowska, M. A study of the influence of gases on the thermoelectrical properties of cobalt phthalocyanine and its derivatives 1-2995
- Waczynski, A. *see* Koszewski, J. 1-23309
- Wada, A., Tachibana, H., Hayashi, H., Saito, Y. Multidimensional spectroscopic data correlation in the conformation transition of biological macromolecules 1-9057
- Wada, A. *see* Hayashi, H. 1-23310
- Wada, E. *see* Kurita, K. 1-34250
- Wada, H., Pehle, R.D. Nitrogen solubility in liquid Fe-Ti, Fe-Cr-Ti, Fe-Ni-Ti, and Fe-Cr-Ni-Ti alloys 1-2643
- Wada, H., Tachikawa, K., Kato, T. Superconducting properties of Ti-Nb-Hf alloys 1-47773
- Wada, H. *see* Nakasui, M. 1-401, 1-29203

- Wada, K., Takayama, H. Nonlinear susceptibilities of the Sherrington-Kirkpatrick model and the spherical model 1-3194
- Wada, K. *see* Mackawa, M. 1-32912
- Wada, M., Konishi, M., Nishikawa, O. Binding states of Ga and Sn on W and Mo: structures, evaporation field and its temperature dependence 1-30570
- Wada, M., Sawada, A., Ishibashi, Y. Experimental study of the low temperature phase transition of Rb_2ZnCl_4 1-48013
- Wada, M., Sawada, A., Ishibashi, Y. Soft modes associated with incommensurate phase transitions in biphenyl [Raman scattering] 1-52943
- Wada, M., Shichi, H., Sawada, A., Ishibashi, Y. Raman scattering and dilatometric studies of a molecular crystal chloranil ($\text{C}_6\text{Cl}_4\text{O}_2$) 1-26188
- Wada, M. *see* Abe, K. 1-40826
- Wada, M. *see* Hashimoto, Y. 1-26962
- Wada, M. *see* Imai, T. 1-51070
- Wada, M. *see* Izuchi, M. 1-31319
- Wada, M. *see* Konishi, M. 1-31320
- Wada, M. *see* Ohgishi, S. 1-43467
- Wada, M. *see* Sugiyama, J. 1-11859
- Wada, M. *see* Uchida, T. 1-25158
- Wada, N. Spin flopping in the field induced ordered state of $\beta\text{-Ni}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ 1-25950
- Wada, N., Clarke, R., Solin, S.A. X-ray compressibility measurements of the graphite intercalates KC_8 and KC_{24} 1-2413
- Wada, N., Clarke, R., Solin, S.A. X-ray diffraction measurements of the quantitative and qualitative effects or pressure on pristine graphite and on stages 1 and 2 potassium graphite 1-34420
- Wada, N., Honda, M., Yoshihara, T., Suzuki, H. Theory of D-(-)-luciferin in ethanol [optical absorption] 1-10743
- Wada, O., Majerfeld, A., Robson, P.N. Control of Zn doping for growth of InP pn junction by liquid phase epitaxy 1-25300
- Wada, O. *see* Sanada, T. 1-3062
- Wada, S. Particle distribution in the central region of parion jets 1-522
- Wada, S. *see* Herrod, R.T. 1-14387
- Wada, T. Automatic measurement and displaying system of flatness 1-222
- Wada, T. An improvement of ferrite substrate 1-8448
- Wada, T., Shimizu, A., Suzuki, M., Kato, M., Hoshi, R. X-ray and infrared emissions from accreting magnetic white dwarfs. A model for AM Herculis 1-54559
- Wada, T. *see* Haratani, T. 1-53207
- Wada, T. *see* Hattori, H. 1-40752
- Wada, T. *see* Kakehi, M. 1-48268
- Wada, T. *see* Ohnuma, H. 1-18635
- Wada, W.W. *see* Milton, K.A. 1-33176
- Wada, Y. *see* Namiki, K. 1-3335
- Wada, Y. *see* Ookubo, N. 1-18272
- Wadati, M. Generalized matrix form of the inverse scattering method 1-36511
- Wadati, M., Ichikawa, Y.H., Shimizu, T. Cusp soliton of a new integrable nonlinear evolution equation 1-49950
- Wadati, M. *see* Omote, M. 1-136
- Waddell, B.V. *see* Carreras, B. 1-6963
- Waddell, E.M. *see* Chapman, J.N. 1-20037
- Waddell, P., Fraser, S., Hamilton, K. An image derotation system for the study in real time of the temperature patterns on rotating components 1-41872
- Waddicor, J.I. *see* Clifford, A.A. 1-31926
- Waddington, C.J. *see* Freier, P.S. 1-13649
- Waddington, J.C. *see* Jin Gen-Ming 1-41029
- Waddington, J.C. *see* Shahabuddin, M.A.M. 1-14513
- Waddington, J.S. *see* Speight, M.V. 1-10441
- Wade, C.G. *see* Dong, R.Y. 1-43020
- Wade, C.G. *see* Hrovat, M.I. 1-3291
- Wade, C.M. *see* Thompson, A.R. 1-49509
- Wade, G., Mensa, D. Pulse echo and Doppler reconstructive tomography 1-53854
- Wade, R.A. *see* Szokdy, P. 1-44575
- Wade, R.H. Electron imaging techniques 1-36776
- Wade, R.H., Brisson, A., Tranqui, L. The application of image treatment to structural analysis in biology 1-53942
- Wade, R.H. *see* Schlenker, M. (editor) 1-36456
- Wadehra, J.M., Spruch, L. Large-momentum-transfer limit of some matrix elements [atomic electron scattering] 1-1374
- Wadehra, J.M. *see* Shakeshaft, R. 1-1385
- Wade, A.J. *see* Gale, N.H. 1-22264
- Wadge, G. Output rate of magma from active central volcanoes 1-22307
- Wadhawan, V.K. Is potassium chlorate a ferroelastic? 1-7237
- Wadhawan, V.K. *see* Wood, I.G. 1-3363
- Wadia, A.R., Payne, F.R. A boundary value technique for the analysis of laminar boundary layer flows 1-42010
- Wadley, H.N.G., Scruby, C.B., Shrimpton, G. Quantitative acoustic emission source characterisation during low temperature cleavage and intergranular fracture 1-39547
- Wadley, H.N.G., Scruby, C.B., Speake, J.H. Acoustic emission for physical examination of metals 1-8505
- Wadsten, T., Arnberg, L., Berg, J.-E. The structure of pentaimdium tetrasulfide 1-11726
- Wadsworth, J., Sherby, O.D. On the Bulat-Damascus steels revisited 1-8353
- Wadsworth, J. *see* Oyama, T. 1-16856
- Wadsworth, R., Ekstrom, L.P., Jones, G.D., Kearns, F., Morrison, T.P., Twin, P.J., Ward, N.J. Gamma-ray studies on the neutron-deficient isotope ^{70}Se 1-663
- Wadsworth, R. *see* Ekstrom, L.P. 1-666, 1-23587
- Wadsworth, R. *see* Jones, G.D. 1-28816
- Wadt, W.R. The electronic states of Ne_2^+ , Ar_2^+ , Kr_2^+ , and Xe_2^+ . II. Absorption cross sections for the $1(1/2)_g \rightarrow 1(3/2)_g$, $1(1/2)_g$, $2(1/2)_g$ transitions 1-10639
- Wadt, W.R. *see* Collins, L.A. 1-6238
- Wadt, W.R. *see* Kleier, D.A. 1-45857
- Waegemaekers, A.A.H.J. *see* Van Ommen, A.H. 1-25258
- Waelbroeck, F., Dietz, K.J., Wienhold, P., Winter, J., Ali-Khan, I., Merskens, H., Rota, E. Investigation of adsorption and absorption processes of hydrogen in plasma devices with SS or Ti-coated walls 1-30555
- Waelbroeck, F. *see* Braun, M. 1-25504
- Waelbroeck, F. *see* Weinhold, P. 1-24993
- Waelbroeck, F. *see* Wienhold, P. 1-25045
- Waelbroeck, F. *see* Winter, J. 1-23851
- Waelkens, C. *see* Burki, G. 1-32702
- Waerstad, K.R., Frazier, A.W. Crystal data for three new ammonium potassium pyrophosphates 1-30176
- Wafa, I.A.F. *see* Fadel, M.A. 1-47117
- Waff, H.S. Relations of electrical conductivity to physical conditions within the asthenosphere 1-22273
- Wagemans, C., Coddens, G., Weigmann, H., Barthelmy, R. Measurement of the $^{239}\text{Pu}(n,f)$ cross section from thermal up to 30 keV neutron energy 1-36970
- Wagemans, C. *see* D'Hondt, P. 1-724, 1-5808
- Wagenaar, R.W., de Heer, F.J. Total cross sections for electron scattering from Ne, Ar, Kr and Xe 1-6385
- Wagenaar, R.W. *see* van Wingerden, B. 1-1367
- Wagenblast, G. *see* Stoll, H. 1-37095
- Wagendistel, A., Schurz, H., Ehrmann-Falkenau, E., Bangert, H. An X-ray optical study of layered phase growth in Au-Al thin film couples 1-7488
- Wagendistel, A. *see* Schattschneider, P. 1-7042
- Wagers, R.S. Low-temperature Lamb wave propagation in PVF₂ 1-38473
- Wagle, B.G. *see* Siddiqui, H.N. 1-17580
- Wagner, A. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Wagner, A. *see* Drumm, H. 1-14762
- Wagner, A. *see* O'Neill, L.H., Jr. 1-50443
- Wagner, A.F. *see* Schatz, G.C. 1-24045
- Wagner, A.F. *see* Young, C.E. 1-46089
- Wagner, B. Simplified vortex models for slender lifting surfaces with leading edge separation 1-29707
- Wagner, B., White, R.A. Supersonic base flow problem in presence of an exhaust jet 1-19766
- Wagner, C. Perturbative development of the eigenvalues of the energy corresponding to an analytic atomic potential 1-51073
- Wagner, C.D., Davis, L.E., Riggs, W.M. The energy dependence of the electron mean free path 1-20293
- Wagner, C.D., Taylor, J.A. Reference levels in electron-excited and X-ray-excited Auger spectra 1-5445
- Wagner, C.E. Possibility of achieving ignition in a high-field ohmically heated Tokamak 1-51978
- Wagner, C.N.J. Diffraction analysis of metallic, semiconducting and inorganic glasses 1-30067
- Wagner, C.N.J., Lee, D. Topological and chemical short range order in metal-metal glasses 1-30089
- Wagner, D. *see* Frosch, A. 1-18194
- Wagner, D.K., Fletcher, R.M., Ballantyne, J.M. High-resolution optical methods for characterization of polycrystalline GaAs thin films 1-25812
- Wagner, E.E., Hiller, D., Mars, D.E. Fast digital apparatus for capacitance transient analysis 1-302
- Wagner, E.E., Hom, G., Stringfellow, G.B. Growth of high-quality $\text{AlGa}_{1-x}\text{As}$ by OMVPE for laser devices 1-48270
- Wagner, E.E., Mars, D.E., Hom, G., Stringfellow, G.B. Deep electron traps in organometallic vapor phase grown $\text{AlGa}_{1-x}\text{As}$ 1-30761
- Wagner, F. *see* Chabaud, V. 1-50468
- Wagner, F. *see* Fischer, R. 1-5669
- Wagner, F. *see* Niedermeyer, H. 1-25040
- Wagner, F.C., Engler, R. Fractured rock models of the elastic wave velocities in earthquake areas 1-40071
- Wagner, F.E. *see* Gast, Th. 1-23186
- Wagner, F.E. *see* Karger, M. 1-7979
- Wagner, F.E. *see* Probst, F. 1-7978
- Wagner, G. *see* Herrmann, F.P. 1-30585
- Wagner, G. *see* Wuthrich, K. 1-8813
- Wagner, G.J. *see* Barreau, P. 1-28471
- Wagner, G.J. *see* Breuer, H. 1-14445
- Wagner, G.J. *see* Stuirbrink, A. 1-18658
- Wagner, G.R. *see* Braginski, A.I. 1-47791
- Wagner, H. *see* Briska, M. 1-5364
- Wagner, H. *see* Drollinger, B. 1-18283
- Wagner, H. *see* Hinkel, H. 1-18217
- Wagner, H. *see* Schmitt, A. 1-7188
- Wagner, H.G., Ghafari, M., Gonser, U., Naka, M. Mossbauer investigations of amorphous metals 1-31073
- Wagner, H.N., Jr. *see* Links, J.M. 1-32233
- Wagner, I. *see* Goldstein, Y. 1-12613
- Wagner, J., Forchel, A., Sauer, R. On the correlation of 'hot' and 'cold' electron-hole drop densities in uniaxially stressed silicon 1-42696
- Wagner, J. *see* Thiel, H.G. 1-15692
- Wagner, J.B., Jr. Transport in compounds containing a dispersed second phase 1-30459
- Wagner, J.B., Jr. *see* Nakamura, A. 1-30450
- Wagner, J.B., Jr. *see* Nowotny, J. 1-3956
- Wagner, J.B., Jr. *see* Pack, S. 1-20445
- Wagner, J.B., Jr. *see* Shahi, K. 1-30447, 1-47285
- Wagner, J.F., Hill, G.F. Environmental effects of coal and ash handling and storage 1-4226
- Wagner, L., Lykoudis, P.S. Liquid metal boiling in a magnetic field 1-927
- Wagner, L.F. *see* Hussain, Z. 1-39216
- Wagner, L.F. *see* Hussain, Z. 1-20617
- Wagner, L.K., Cohen, G., Wai-Hoi Wong, A., Amtey, S.R. Dose efficiency and the effects of resolution and noise on detail perceptibility in radiographic magnification 1-40006
- Wagner, L.K., Haus, A.G., Barnes, G.T., Bencomo, J.A., Amtey, S.R. Comparison of methods used to measure the characteristic curve of radiographic screen/film systems 1-40913
- Wagner, L.K. *see* Cohen, G. 1-43968
- Wagner, L.M. *see* Truhan, J.J. 1-18351
- Wagner, M., Nusser, H. Capture and delay of phonons in resonant regions 1-15984
- Wagner, M. *see* Kuhn, W. 1-38484
- Wagner, N., Brummer, O. XPS investigations of Ti-supported Pt-ir catalytic systems 1-43703
- Wagner, N., Brummer, O., Khodasevich, V.V. XPS investigations of the interaction of oxygen with damaged (100) nickel surfaces 1-26364
- Wagner, P. *see* Heusch, B. 1-45558
- Wagner, P. *see* Raheb, M. 1-24734
- Wagner, P. *see* Uebbing, R.H. 1-48128
- Wagner, P. *see* Weber, J. 1-48137
- Wagner, P.B. *see* Telford, J.W. 1-4597
- Wagner, R. Hardening by modulated structures in Cu-Ti alloys 1-21462
- Wagner, R. Hardening in spinodally decomposed alloys 1-43352
- Wagner, R. *see* Lewandowski, Z. 1-18634
- Wagner, R.A. *see* Grudkowski, T.W. 1-41930
- Wagner, R.E., Cheng, J. Electrically controlled optical switch for multimode fiber applications 1-6680
- Wagner, R.E., Stolen, R.H., Pleibel, W. Polarisation preservation in multimode fibres 1-46558
- Wagner, R.E. *see* Young, W.C. 1-11156
- Wagner, R.F. *see* Brown, D.G. 1-17494
- Wagner, R.J., Kennedy, T.A., McCombe, B.D. Cyclotron resonance of electron inversion layers in Si (001) metal-oxide-semiconductor field-effect transistors (MOSFETs) 1-3264
- Wagner, R.J., Krebs, J.J., Strauss, G.H., White, A.M. Submillimeter EPR evidence for the As antisite defect in GaAs 1-7941
- Wagner, R.J., Tsui, D.C. Submillimeter laser cyclotron resonance of inversion layers at low electron densities [in Si MOSFET] 1-12194
- Wagner, R.M. *see* Newsum, G.H. 1-9515
- Wagner, S. Physico-chemical problems in photovoltaic research 1-39768
- Wagner, T.R., Houf, W.G., Incropera, F.P. Radiative property measurements for India ink suspensions of varying concentration 1-29217
- Wagner, V. *see* Alkhazov, I.D. 1-28507
- Wagner, V., Heimbach, H., Levsen, K. Gaseous odd- and even-electron ions 1-8546
- Wagner, W., Poerschke, R., Wollenberger, H. Dependence of electrical resistivity on the degree of short range order in a nickel-copper alloy 1-47610
- Wagner, W. *see* Berger, C. 1-5636, 1-10209
- Wagner, W. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Wagner, W. *see* Essel, H. 1-6076
- Wagner, W. *see* Mayer, W. 1-18567
- Wagner, W. *see* Rehm, K.E. 1-50641
- Wagner, W. *see* Sperr, P. 1-18677
- Wagner, W.R. *see* Anthony, P.J. 1-37507
- Wagniere, G. A theoretical analysis of three-wave mixing in an optically active medium 1-37546
- Wagoner, D.E. *see* Sykes, A.L. 1-21799
- Wagoner, R.H. A technique for measuring strain-rate sensitivity 1-53380
- Wagoner, R.V. *see* Gaiser, B.D. 1-17812
- Wagshal, J.J., Maerker, R.E., Gilliam, D.M. Covariances of fission-integral measurements at the NBS ^{252}Cf and ISNF facilities and at the ORNL PJA facility 1-50980
- Wagshal, J.J., Maerker, R.E., Yeivin, Y. Extrapolation of surveillance dosimetry information to predict pressure vessel fluences 1-18790

- Wagschal, J.J., Yeivin, Y. The significance of Lagrange multipliers in cross-section adjustment 1-18629
- Wagschal, J.J. *see* Barhen, J. 1-45659
- Wagschal, J.J. *see* Broadhead, B.L. 1-50968
- Wagschal, J.J. *see* Maerker, R.E. 1-50672
- Wagschal, J.J. *see* Myskamp, J.M. 1-50858
- Wagstaff, C.E., Dunn, M.H. Saturated absorption spectroscopy in the ultra-violet with a continuous-wave, frequency-doubled, ring dye laser. Even isotope shifts on the $6d^2D_3-6p^2P_0$ transition of HgI 1-24461
- Wahaab, S.M. Abd El *see* Abd El Wahaab, S.M.
- Wahab, M.A., Trigunayat, G.C. Restrictions in the arrangement of molecular sheets in CdI_2 and PbI_2 polytypes 1-15827
- Wahab, M.A., Trigunayat, G.C. Mode of layer displacements in MX_2 -type crystals 1-38326
- Wahab, S.A. *see* Goned, A. 1-45347
- Wahab, S.M. Abdel *see* Abdel Wahab, S.M.
- Wahby, A.S.M., Los, J. The Lorentzian diffusion of hydrogen in neon and xenon. I. Ne, Xe-H₂ 1-51896
- Wahby, A.S.M., Los, J. The Lorentzian diffusion of hydrogen in neon and xenon. II. Ne, Xe-D₂ 1-51897
- Wahby, A.S.M., Los, J. The Lorentzian diffusion of hydrogen in neon and xenon. III. Ne, Xe-HD 1-51898
- Wahby, A.T. *see* Kindy, H.M. 1-21388
- Wahi, R.P. Precipitation in thin foils of an Fe-Ni-Cr alloy 1-26475
- Wahl, D.-J. *see* Waldmann, H. 1-48782
- Wahl, G., Hoffmann, R. Chemical engineering with CVD 1-21362
- Wahl, J., Oehme, G., Donitz, W., Dietrich, G. Development of a technique for thin film preparation of ZrO_2/Y_2O_3 solid electrolytes on porous support structures for high temperature electrolysis application 1-43678
- Wahl, R.J. *see* Campbell, E.M. 1-41227
- Wahl, W. *see* Orth, H. 1-10875
- Walburg, A. *see* Meeks, J. 1-37253
- Wahle, K.W.J., McKenzie, J.D. A modified furnace tube for the Panax radio-gas detection system 1-35590
- Wahlen, H. *see* Alkofer, O.C. 1-45773
- Wahlen, H. *see* Aubert, J.J. 1-5630
- Wahlen, M., Tucker, G. CH₃I; isotope shift for ^{129}I in the ν_6 band 1-41434
- Wahler, P.S. *see* Gilman, F.M. 1-14613
- Wahlén, L. The relationship between G and h in a closed Universe 1-40581
- Wahlquist, H.D. *see* Green, R.F. 1-9706
- Wahlster, M., Stephan, H., Ruthardt, R. Cost estimates and economic considerations in the production and processing of high quality metal powders 1-53120
- Wahner, H.W. *see* Dunn, W.L. 1-22124
- Waho, T., Ishida, A. Reliability of Josephson tunneling devices 1-47818
- Waho, T., Kuroda, K., Ishida, A. Aging phenomena of plasma oxidized Pb-alloy Josephson junctions 1-3104
- Waho, T. *see* Kuroda, K. 1-3105
- Wahr, J., Wyss, M. Interpretation of postseismic deformation with a viscoelastic relaxation model 1-27142
- Wahr, J.M. A normal mode expansion for the forced response of a rotating Earth 1-49183
- Wahr, J.M. Body tides on an elliptical, rotating, elastic and oceanless Earth 1-49184
- Wahr, J.M. The forced nutations of an elliptical, rotating, elastic and oceanless Earth 1-49185
- Wahr, J.M., Sasao, T. A diurnal resonance in the ocean tide and in the Earth's load response due to the resonant free 'core nutation' 1-49187
- Wahr, J.M., Sasao, T., Smith, M.L. Effect of the fluid core on changes in the length of day due to long period tides 1-49182
- Wahr, J.M. *see* Sasao, T. 1-49186
- Wai, J.C. *see* Tuzla, K. 1-46769
- Wai-Hoi Wong *see* Wagner, L.K. 1-40006
- Wai-Hon Lee Recent developments in computer-generated holograms 1-15119
- Waidmann, G. *see* Cosler, A. 1-2258
- Waidmann, G. *see* Huettemann, P.W. 1-19980
- Wailstrom, R. Near-surface earthquakes in the Baltic Shield, notably Sweden 1-13415
- Waine, B.R. *see* Fleischer, C.C. 1-23758
- Waine, B.R. *see* Garas, F.K. 1-37001
- Wainer, J., Lomon, E.L. Experimental constraint on widths of postulated low-mass dibaryons 1-489
- Waintal, A. *see* Bartholin, H. 1-7138
- Wainwright, J., Goode, S.W. Some exact inhomogeneous cosmologies with equation of state $p = \gamma \rho$ 1-17920
- Wait, J.R. Coupled tropospheric mode analysis for a range dependent model 1-9196
- Wait, J.R. Theories for radio ground wave transmission over a multisection path 1-13549
- Wait, J.R. Electromagnetic scattering from an isolated irregularity in a tropospheric duct 1-32483
- Wait, J.R. *see* Ralston, M.A. 1-32553
- Waite, A.P. *see* Adamovich, M.I. 1-45317
- Waite, A.P. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Waite, A.P. *see* Fiorino, A. 1-50583
- Waite, B.A., Miller, W.H. Model studies of mode specificity in unimolecular reaction dynamics 1-12982
- Waite, J., Jr. *see* Kliore, A.J. 1-40401
- Wakabayashi, H. *see* Iwasaki, T. 1-47943
- Wakabayashi, H. *see* Mochizuki, K. 1-41844
- Wakabayashi, J., Kawaji, S. Hall conductivity in n-type silicon inversion layers under strong magnetic fields 1-12197
- Wakabayashi, N. Phonon frequencies and line-widths for Sm(YS) 1-34438
- Wakabayashi, N. *see* Lander, G.H. 1-26451, 1-47623
- Wakabayashi, S. *see* Okanishi, S. 1-32236
- Wakahama, G. *see* Yamada, T. 1-9187
- Wakai, N., Matsuura, N. Operation and experimental results of the Ionosphere Sounding Satellite-b 1-40301
- Wakaizumi, S., Sawamoto, M. Spin-dependent forces and scattering amplitudes for elastic pp scattering at 6 GeV/c 1-41005
- Wakakuwa, M. *see* Makishima, A. 1-31699
- Wakamatsu, S., Nishina, K., Hashimoto, K., Fujishiro, T. Reactor physics group constants the C-core of the Kyoto University Critical Assembly 1-5830
- Wakano, M. Structure and stability of a weakly interacting instanton and anti-instanton system under external fields. II 1-45123
- Wakao, K. *see* Moriki, K. 1-19354
- Wakasa, K., Wayman, C.M. Isothermal martensite formation in an Fe-20%Ni-5%Mn alloy 1-48345
- Wakasa, K., Wayman, C.M. Crystallography and morphology of ferrous lath martensite 1-48352
- Wakashima, K., Courtney, T.H. Anisotropic post-yielding behaviour of directionally solidified, single-grained eutectics 1-43448
- Wakasugi, K. *see* Fukao, S. 1-22618
- Wakasugi, Y., Ozawa, S., Ogino, Y. Physical adsorption of gases at high pressure. V. An extension of a generalized adsorption equation to systems with polar adsorbents 1-42628
- Wakata, M. The effects of impurity pinning on a Peierls transition in N chains system 1-7539
- Wakayama, N. *see* Nishino, O. 1-45631
- Wakayama, N.I., Matsuzaki, S., Mizuno, M. UV absorption study of the phase transition in p-terphenyl crystal 1-12520
- Wakefield, P.T., Hatherly, M. Microstructure and texture of cold-rolled Cu-10Zn brass 1-53204
- Wakefield, T.D. *see* Khandelwal, P.K. 1-35454
- Wakeham, W.A. *see* Assael, M.J. 1-19853, 1-29825
- Wakeham, W.A. *see* Fleeter, R. 1-15570
- Wakelyn, N.T., Gregory, G.L. Comparison of measured ozone in southeastern Virginia with computer predictions from a photochemical model 1-26862
- Wakid, S., Bhatia, A.K., Temkin, A. Quasi-projection-operator calculation of autoionization states of O^{5+} (O VI) and Si^{11+} (Si XII) 1-1092
- Wakid, S.A., Callaway, J. Electron impact excitation of He⁺ 1-1380
- Wakid, S.A., Callaway, J. Electron impact excitation of Fe²⁴⁺ 1-41496
- Wakim, F. *see* Sawan, Y. 1-47715
- Wakim, F.G. *see* Sawan, Y. 1-30080
- Wakimoto, Z. Chromatic aberration-free optics for microscopy 1-23302
- Wakino, K., Tamura, H. Relations between microwave dielectric losses and microstructure on $(ZrSn)TiO_4$ dielectric ceramics 1-48533
- Wakita, H., Nakamura, Y., Kita, I., Fujii, N., Notsu, K. Hydrogen release: new indicator of fault activity 1-49228
- Wakita, K. *see* Fujiwara, I. 1-5158
- Wakita, K. *see* Fukuda, M. 1-15249, 1-19355, 1-41703, 1-41755
- Wakita, K. *see* Imai, H. 1-46339
- Wakita, M. *see* Gunji, T. 1-23382
- Wakita, S., Okuno, T., Hirai, M. Polarization of the absorption bands due to the STE in NaCl, KCl, KBr and RbBr crystals 1-12529
- Wakitani, S. The stability of a natural convection flow above a point heat source 1-37910
- Wakoh, S. Momentum density distribution in magnesium for Compton scattering and positron annihilation 1-48193
- Wakoh, S., Kubo, Y. Charge asphericity in vanadium metal 1-25613
- Wakoh, S. *see* Nakao, Y. 1-38709
- Wakoh, S. *see* Shiotani, N. 1-48194
- Wali, D., Van Der *see* Van Der Wal, L.
- Walia, D. *see* Swiecki, Z. 1-31396, 1-31397
- Walach, G. *see* Hussain, A. 1-22181
- Walachova, J., Zavadi, J. Minima in conductance characteristics of MIS-Schottky tunnel junctions 1-47749
- Walasek, K. *see* Lukierska-Walasek, K. 1-50064
- Walborn, N.R. Some progress and problems in the upper left on the HR diagram 1-17842
- Walborn, N.R. Some lessons from the past and thoughts on the future of spectral classification 1-49631
- Walborn, N.R. Systematic variations in the spectrum of θ^1 Orionis C 1-49676
- Walborn, N.R. An atlas of yellow-red OB spectra 1-54401
- Walborn, N.R., Panek, R.J. Some optical observations of HD 192273: a proposed identification for a possible EUV source 1-49656
- Walburn, F., Stein, P. Flow characteristics in symmetrically branched tubes simulating the human aortic bifurcation 1-49058
- Walburn, F.J., Bick, E.F., Stein, P.D. Comparison of power density spectra of turbulent flow through tubes obtained with hot film and laser Doppler anemometers 1-39951
- Walburn, F.J., Stein, P.D. Flow in a symmetrically branched tube simulating the aortic bifurcation: the effects of unevenly distributed flow 1-53796
- Walburn, F.J. *see* Stein, P.D. 1-39952
- Walch, J.J. *see* Gay, J. 1-4791
- Walch, J.-P., Dolic, B. Rayleigh-Bénard convection in a saturated porous cavity 1-24779
- Walch, S.P. *see* Schatz, G.C. 1-24045
- Walchli, M. *see* Bocklin, J. 1-14734
- Walcott, C. Magnetic orientation in homing pigeons 1-13263
- Walcott, R.I., Christoffel, D.A., Mumme, T.C. Bending within the axial tectonic belt of New Zealand in the last 9 Myr from paleomagnetic data 1-54050
- Walczak, K.M. *see* Malmstadt, H.V. 1-26776
- Wald, F.V. *see* Rabin, B. 1-30812
- Wald, L., Nihous, G. Ligurian Sea: annual variation in the sea-surface thermal structure as detected by satellite NOAA 5 1-27206
- Wald, L. *see* Millot, C. 1-27200
- Wald, N. *see* Westerman, M.P. 1-22081
- Wald, R.M. Dynamics in nonglobally hyperbolic static space-times 1-27834
- Wald, R.V. *see* Rao, C.V.H.N. 1-2358
- Waldbillig, J. *see* Abate, J.A. 1-41717
- Walden, G.L., Winefordner, J.D. A streak camera system for quantitative fluorimetry 1-50255
- Walden, G.L., Winefordner, J.D. A streak camera system for time resolved fluorimetry 1-50256
- Waldner, E., Bauder, A., Gunthard, H.H. Microwave spectrum and internal rotations of ethylene glycol. I. Glycol-O-d₂ 1-6244
- Walder, R., Franklin, J.L. Proton affinities of neutral molecules 1-4056
- Walder, V.S. *see* Bassalo, J.M. 1-1182
- Waldhausen, S. *see* Martinez, R.E. 1-9526
- Waldie, B. Effects of increasing ambient pressure on cutting characteristics and heat transfer in plasma cutting 1-15660
- Waldkirch, Th. von *see* von Waldkirch, Th.
- Waldkirch, T. von *see* von Waldkirch, T.
- Waldman, R. *see* Leenders, L. 1-50897
- Waldman, S.J. *see* Hoegni, M.O. 1-44967
- Waldmann, H., Oehme, H., Wahl, D.-J., Winkens, H.-P. New energy conversion technologies (coal liquefaction and gasification, combined power and district heating systems, and heat pumps) 1-48782
- Waldmann, J. *see* Bubeck, C. 1-8568
- Waldmann, L. *see* Halbritter, J. 1-24919
- Waldo, R.W., Karam, R.A., Meyer, R.A. Delayed neutron yields: time dependent measurements and a predictive model 1-45554
- Waldorf, A. *see* Dobrowolski, J.A. 1-37590
- Waldren, R.M. *see* Fuld, J.F. 1-18325
- Waldren, R.M. *see* Todd, J.F. 1-5430, 1-14205
- Waldron, M.B. *see* Borland, W. 1-39274
- Waldron, R.A. The basis of electromagnetism 1-32843
- Waldrup, J.R., Cohen, M.J., Heeger, A.J., MacDiarmid, A.G. The mechanism of Schottky-barrier formation in polycarbonate 1-47730
- Waldrup, J.R., Grant, R.W. Nontransitivity of energy band discontinuities at heterojunction interfaces 1-16346
- Waldrup, J.R. *see* Cohen, M.J. 1-16365
- Waldrup, P. *see* D'Hulst, J.-M. 1-44273
- Walecki, T. *see* Dmowski, W. 1-25174
- Walen, R.J. *see* Simon, R.S. 1-23549
- Walentowski, R. Unique, unambiguous representation of chemical structures by computerization of a simple notation 1-13067
- Walewski, L.G. *see* Greenspan, S.B. 1-51618
- Walewski, L.G. *see* Moore, V.S. 1-41816
- Walgraef, D., Dewel, G., Borckmans, P. Dissipative structures and broken symmetry 1-40738
- Walgraef, D. *see* Dewel, G. 1-40741
- Wall, E. Optimum working fluids for solar powered Rankine cycle cooling of buildings 1-8744
- Wall, K.C. *see* Davidson, A. 1-18410, 1-28259, 1-45184, 1-50345
- Wall, K.C. *see* O'Riartaigh, L. 1-33116
- Walligora, Ch. *see* Ryba-Romanowski, W. 1-26380
- Waligorski, M.P.R., Katz, R. Supralinearity of peak 5 and peak 6 in TLD-700 1-1043
- Walinder, G. *see* Nilsson, A. 1-43903
- Walis, L. *see* Rowinski, A. 1-31940
- Walt, H. *see* Puchel, H. 1-32060
- Walkden, M.W. Proton-to-electron damage ratios for some modern types of solar cells 1-13137
- Walker, A.C. *see* Kogoshi, S. 1-2213
- Walker, A.C. *see* Reynolds, D.A. 1-29299

- Walker, A.C. *see* Syngellakis, S. 1-6804
- Walker, A.D.M. *see* Greenwald, R.A. 1-22636
- Walker, A.W. Estimation of the mean power content of summed sinusoids and an application to acoustic noise measurement in shallow water 1-24624
- Walker, B.W., Stair, P.C. The adsorption and decomposition of trimethylamine on the clean and oxidized Mo (100) surface 1-52429
- Walker, C.F. *see* Sepulveda, N.G. 1-32113
- Walker, C.T. *see* Ronchi, C. 1-23755
- Walker, D. *see* Bashkin, S. 1-45882
- Walker, D. *see* Jefimenko, O.D. 1-44741
- Walker, D.A.S. *see* Lennard, W.N. 1-45762
- Walker, D.C. *see* Ito, Y. 1-51320
- Walker, D.C. *see* Jean, Y.C. 1-15038
- Walker, D.D., Kendall, M.L. Processing of ground-based astronomical images obtained using photon-counting techniques 1-27392
- Walker, D.H. *see* Statler, R.L. 1-39799
- Walker, D.M. Innovations in Canada 1-27735
- Walker, D.M.C. Samos 2 (1061 α): orbital determination and analysis at 31:2 resonance 1-22664
- Walker, G. Stirling traction motors with regenerative braking capability 1-53655
- Walker, G. *see* Marshall, W. 1-45669
- Walker, G.A.H. *see* Fahlgman, G.G. 1-9725
- Walker, G.E. *see* Dover, C.B. 1-14489
- Walker, G.E. *see* Petrovich, F. 1-5729
- Walker, G.P.L. *see* Clough, B.J. 1-35966
- Walker, G.P.L. *see* Wilson, C.J.N. 1-22306
- Walker, I. *see* Mills, D. 1-31983
- Walker, I.K. *see* Boddington, T. 1-17057
- Walker, I.W., Emslie, A.G., Roy, A.E. Stability criteria in many-body systems. I. An empirical stability criterion for co-rotational three-body systems 1-13673
- Walker, J. *see* Lieb, J.P. 1-26888
- Walker, J.A. *see* Tear, S.P. 1-7441
- Walker, J.C.G. Atmospheric constraints on the evolution of metabolism 1-13546
- Walker, J.G. *see* Parry, G. 1-4615
- Walker, J.R., Catlow, C.R.A. Defect structure and ionic conductivity in lithium nitride 1-47292
- Walker, J.S., Yause, C.A. Theory of closed-loop phase diagrams in binary fluid mixtures 1-16016
- Walker, K.L., Geyling, F.T., Nagel, S.R. Thermophoretic deposition of small particles in the modified chemical vapor deposition (MCVD) process 1-26391
- Walker, L.P. World's largest photovoltaic installation 1-4160
- Walker, L.R., Walstedt, R.E. Computer model of metallic-spin-glasses 1-21001
- Walker, M., Will, C.M. Gravitational radiation quadrupole formula is valid for gravitationally interacting systems 1-23077
- Walker, M., Will, C.M. The approximation of radiative effects in relativistic gravity: gravitational radiation reaction and energy loss in nearly Newtonian systems 1-49497
- Walker, M.B. Phenomenological theory of the spin-density-wave state of chromium 1-3233
- Walker, M.F., Burstein, D. Line profiles in YY Orionis 1-27499
- Walker, M.S. *see* Heinrich, J.P. 1-50926
- Walker, N. *see* Mills, N.J. 1-26586
- Walker, P. *see* Amado, M.M. 1-25940
- Walker, P. *see* Sosa, J.B. 1-12269
- Walker, P.E. *see* Pitts, J.H. 1-10541
- Walker, P.J. New developments in electrostatic loudspeakers 1-15343
- Walker, P.J. Melt growth of rare-earth binary and complex halides 1-39233
- Walker, P.L., Jr. *see* Moreno-Castilla, C. 1-35196
- Walker, P.L., Jr. *see* Wood, J.L. 1-21567, 1-21568
- Walker, P.M., Ward, D., Hauser, O., Andrews, H.R., Faestermann, T. g-factors for $^{172,173,174}\text{Lu}$ HF K-isomers 1-18557
- Walker, P.M. *see* de Boer, F.W.N. 1-14446
- Walker, P.M. *see* Konijn, J. 1-50488
- Walker, R.A. *see* Bulpitt, T.H. 1-324
- Walker, R.B., Zeiri, Y., Shapiro, M. A quantum mechanical study of the collinear Li+FH reaction 1-48669
- Walker, R.C., Readhead, A.C.S., Seielstad, G.A., Preston, R.A., Niell, A.E., Resch, G.M., Crane, P.C., Shaffer, D.B., Geldzahler, B.J., Neff, S.G., Shapiro, I.I., Jauncey, D.L., Nicolson, G.D. VLBI observations of SS 433 at 3.6 and 13 centimeters 1-54503
- Walker, R.C. *see* Elmegeen, B.G. 1-49748
- Walker, R.J. Instruments to measure flow for water and wastewater treatment 1-6906
- Walker, R.J. *see* Jones, D.E. 1-40399
- Walker, R.J. *see* Southwood, D.J. 1-40378
- Walker, R.L. *see* Kennett, R.G. 1-33203
- Walker, R.P. *see* Poole, M.W. 1-18261
- Walker, R.S. *see* Harris, A.J. 1-3051
- Walker, S. *see* Desando, M.A. 1-7057, 1-7058
- Walker, S. *see* Khwaja, H.A. 1-39033
- Walker, T.P. *see* Wei-Chung Chen 1-43202
- Walker, T.W., Guenther, A.H., Fry, C.G., Nielson, P. Pulsed damage thresholds of fluoride and oxide thin films from 0.26 μm to 1.06 μm 1-37530
- Walker, T.W., Vaidyanathan, A., Guenther, A.H., Nielsen, P. Impurity breakdown model in thin films [laser-induced damage] 1-39194
- Walker, T.W. *see* Vaidyanathan, A. 1-37543, 1-39192
- Walker, V. *see* Ibrahim, M.B. 1-37908
- Walker, W.L. *see* Argoud, M.J. 1-37579
- Walker, W.L. *see* Kass, J.N. 1-26657
- Walkley, E.C. *see* Loosemore, G.R. 1-53278
- Walko, R., Gall, R. A comparison of baroclinic instability with the time variations of kinetic energy in a general circulation model 1-49344
- Walkup, J.F. *see* Hagler, M.O. 1-37415
- Wall, B.F., Kendall, G.M. Medical radiology and population exposure 1-35889
- Wall, B.F. *see* Shrimpton, P.C. 1-44015
- Wall, D.N., Edgley, P.D., Franklin, R.N. The interaction of a finite electron beam with a magnetized plasma 1-46896
- Wall, J.S. Contamination in the STEM at ultra high vacuum 1-14219
- Wall, J.S. *see* Hainfeld, J.F. 1-15037
- Wall, J.V., Pearson, T.J., Longair, M.S. Models of the cosmological evolution of extragalactic radio sources. I. The 408-MHz source count 1-27628
- Wall, J.V. *see* Peacock, J.A. 1-36201
- Wall, T.F., Nguyen, H., Subramanian, V., Mai-Viet, T., Howley, P. Direct measurements of the entrainment by single and double concentric jets in the regions of transition and flow establishment 1-24858
- Wallace, C.B. *see* Meyer, W. 1-18914
- Wallace, C.D. Equation of state from weak shocks in solids 1-7261
- Wallace, D.C. Irreversible thermodynamics of flow in solids 1-1840
- Wallace, D.C. Flow process of weak shocks in solids 1-7260
- Wallace, D.J. *see* Lowe, M.J. 1-187
- Wallace, J. *see* Biddick, C.J. 1-18532
- Wallace, J.F. *see* Truss, R.W. 1-48320
- Wallace, L. The structure of the Uranus atmosphere 1-40420
- Wallace, L. *see* Huxten, D.M. 1-22715
- Wallace, L.R. *see* Gorderier, S.C. 1-48525
- Wallace, M. Deep basement reflections in Wind River Line 1-22277
- Wallace, P.T. *see* Clowes, R.G. 1-9714
- Wallace, R.E., Ta-Liang Teng Prediction of the Sungpan-Pingwu earthquakes, August 1976 1-32358
- Wallace, R.E. *see* Galvin, J.M. 1-9037
- Wallace, S. *see* Dill, D. 1-14968
- Wallace, S.J. *see* Friar, J.L. 1-5748
- Wallace, W. *see* Kandell, A.Y. 1-16847
- Wallace, W.E. The Frank H. Spedding Award Address: Studies of rare earth intermetallic compounds and rare earth hydrides 1-25894
- Wallace, W.E. Magnetism of hydrogenated rare earth intermetallic compounds 1-26010
- Wallace, W.E., Karlicek, R.F., Jr., Imamura, H. The kinetics of hydrogen absorption by rare earth intermetallics 1-25580
- Wallace, W.E. *see* Bolitch, E.B. 1-20956
- Wallace, W.E. *see* Fish, G.E. 1-25203
- Wallace, W.E. *see* Hardman, K. 1-20142
- Wallace, W.E. *see* Imamura, H. 1-25579
- Wallace, W.E. *see* Malik, S.K. 1-25876
- Wallace, W.E. *see* Pouranfar, F. 1-12356, 1-20962, 1-20970, 1-26008
- Wallace, W.E. *see* Weaver, J.H. 1-38708
- Wallace-Hadrill, J.S. *see* Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Wallach, E.R. *see* Elliot, S. 1-21578
- Wallander, E. *see* Ekstrom, L.P. 1-666, 1-23587
- Wallard, A. A profile of the National Physical Laboratory 1-49911
- Wallart, F. *see* Sombret, B. 1-21192
- Wallden, L. *see* Faldt, A. 1-26291, 1-31210
- Wallden, L. *see* Lindgren, S.A. 1-42841
- Walle, R.T. van de *see* van de Walle, R.T.
- Walle, R. Van de *see* Van de Walle, R.
- Wallen, E.P., Turek, F.W. Photoperiodicity in the male albino laboratory rat 1-39964
- Wallenhorst, S.G. Spicular downflows and the transition to high mass-loss rates in G and K giants 1-36274
- Wallenstein, R. Pulsed dye lasers 1-10999
- Wallentin, I. *see* Wikstrand, J. 1-22158
- Waller, P. *see* Panagakes, R.D. 1-17778
- Waller, P.E. *see* Speller, R.D. 1-49099
- Waller, W. Field-of-view constraints on actively controlled long-baseline stellar interferometry 1-4613
- Wallerstein, G., Silk, J., Jenkins, E.B. Interstellar gas in the Gum Nebula 1-22853
- Wallerus, H. An orientation aid for the blind using an ultrasonic sonar system and acoustic information 1-13350
- Wallin, G., Stalberg, E. Source derivation in clinical routine EEG 1-49137
- Walling, H.C. *see* Benjamin, A.S. 1-10495
- Walling, J.C. Alexandrite lasers 1-51498
- Walling, J.C., Peterson, O.G., Jenssen, H.P., Morris, R.C., O'Dell, E.W. Tunable alexandrite lasers 1-29283
- Walling, P. Labonville *see* Labonville Walling, P.
- Wallis, G.B., Karlin, A.S., Clark, C.R., III, Bharathan, D., Hagi, Y., Richter, H.J. Counter-current gas-liquid flow in parallel vertical tubes 1-29758
- Wallis, G.P., Roy, S.K. Nuclear magnetic resonance studies of liquid crystals under pressure 1-12407
- Wallmeier, H., Kutzelnigg, W. Use of the squared Dirac operator in variational relativistic calculations 1-51141
- Wallmeier, W. *see* Umland, F. 1-35588
- Wallner, A. *see* Adam, A. 1-40058
- Wallner, R.P. Notes on recent U_4 theories of gravitation 1-40694
- Walloe, L. *see* Willie, S.O. 1-53812
- Wallraff, W. *see* Brandel, R. 1-23510, 1-23527, 1-50411
- Walls, D.F., Zoller, P., Steyn-Ross, M.L. Optical bistability from three-level atoms 1-46432
- Walls, D.F. *see* Drummond, P.D. 1-340, 1-46448
- Walls, D.F. *see* Steyn-Ross, M.L. 1-46308
- Walls, F.L. *see* Howe, D.A. 1-24382
- Walls, J.M., Hall, D.D., Sykes, D.E. Composition-depth profiling and interface analysis of surface coatings using ball cratering and the scanning Auger microprobe 1-21824
- Walls, J.M. *see* Makh, S.S. 1-21319
- Walls, R. *see* Shapiro, S.W. 1-6023
- Wallskog, H.A. *see* Moore, T.L. 1-23822
- Wallura, E. *see* Blumenkamp, H.J. 1-48639
- Wallura, E. *see* Inspektor, A. 1-12000
- Wallwork, G.R. *see* Gainer, L.J. 1-16955
- Walma, A.A. Classical noise and nonlinear effects in the ideal avalanche diode 1-7682
- Walma, A.A. Statistical limits of carrier density related low frequency theories in MOS devices 1-47754
- Walmesley, C.M. *see* Churchwell, E. 1-44613
- Walmesley, C.M. *see* Wilson, T.L. 1-27577
- Walmesley, C.M. *see* Winnberg, A. 1-36283
- Walmesley, J.C. *see* Berry, M.V. 1-40663
- Waloschek, P. *see* Berger, C. 1-5636, 1-10209
- Waloschek, P. *see* Berger, C. 1-14404, 1-23511, 1-45255, 1-45331
- Walpita, L.M. *see* Neuman, V. 1-41633, 1-41898
- Walpole, J.N., Lind, T.A., Jaw Jim Hsieh, Donnelly, J.P. Gain spectra in GaInAsP/InP proton-bombarded stripe-geometry DH lasers 1-46343
- Walpole, J.N. *see* Holloway, H. 1-3627
- Walraven, J.T.M., Silveira, I.F. The magnetization and density of spin polarized atomic hydrogen 1-1083
- Walraven, J.T.M. *see* Matthey, A.P.M. 1-47320
- Walraven, J.T.M. *see* Silveira, I.F. 1-52389
- Walraven, J.T.M. *see* Silveira, I.F. 1-1082, 1-2735
- Walshon, E. *see* Ambats, I. 1-1026
- Walser, A. An overview of reactor containment structures 1-23759
- Walser, B., Geiger, T. The influence of heat treatment on the creep behaviour of a low alloyed ferritic CrMoV steel 1-16863
- Walser, B., Sonderegger, B. The optimization of the mechanical properties of steel X20Cr13 by simulating heat treatment 1-8342
- Walser, R.M. *see* Bene, R.W. 1-16191
- Walsh, C.J., Meyer, J., Hilk, B. Backscatter of CO₂ laser light from an overdense Z-pinch plasma 1-46907
- Walsh, D., Lange, J. Dynamic Jahn-Teller effects in the photoluminescence of Fe²⁺ in KMgF₃ 1-39147
- Walsh, D. *see* Noble, R.G. 1-17905
- Walsh, D. *see* Porcas, R.W. 1-49851
- Walsh, E.G., Lakkie, M., Wright, G.W., Tsementzis, A. Measurements of muscle tone using printed motors as torque generators 1-49142
- Walsh, E.K. *see* Nunziato, J.W. 1-2060
- Walsh, J.E. Cerenkov and Cerenkov-Raman radiation sources 1-10963
- Walsh, J.E. *see* Felch, K.L. 1-10951
- Walsh, J.R. M2-9: a bipolar nebula with a wind-driven shell 1-54476
- Walsh, J.R., White, M.J. The red nebulosity associated with Allen's infrared object in NGC 2264 1-13842
- Walsh, J.R. *see* Meaburn, J. 1-13840, 1-40544
- Walsh, M., Pritchard, J.N., Black, A., Moores, S.R., Morgan, A. The development of a system for the exposure of mice to aerosols of plutonium oxide 1-49169
- Walsh, P., Lama, W., Hammond, T. Voltage-current relationship for pulsed arc discharges 1-38195
- Walsh, P.S. *see* Broughton, T.G. 1-28655
- Walsh, P.S. *see* Keaten, R.W. 1-18822
- Walsh, P.T., Gentry, S.J., Jones, A., Jones, T.A. A combined infrared and electrical conductance cell for the study of adsorbed gas phase species on solids 1-40816
- Walsh, T. *see* Biswas, S. 1-54432
- Walsh, T.F. Phenomenology of jets 1-18495

- Walsh, T.F. *see* Koller, K. 1-5641
 Walsh, T.F. *see* Lai, C.-H. 1-499
 Walsh, T.F. *see* Lazarides, G. 1-50365
 Walsh, T.F. *see* Peterson, C. 1-14397
 Walsh, W.J. *see* Dickson, L.D. 1-24368
 Walshi, T. *see* Berg, D. 1-28320
 Walton, G.R., Green, D.W., Royden, H.N. Use of SIRIO Faraday rotation data in navigation of the Voyager 1 and 2 spacecraft 1-22659
 Walstad, A. Time's arrow in an oscillating Universe 1-18396
 Walstedt, R.E., Berg, R.S., Remeika, J.P., Dupree, R. Microscopic evidence for co-ionic conductivity in (Na,Li)- β -alumina 1-52344
 Walstedt, R.E. *see* Geschwind, S. 1-48083
 Walstedt, R.E. *see* Walker, L.R. 1-21001
 Walstrom, P.L. Strain gauges for superconducting magnet testing 1-40771
 Walstrom, P.L. *see* Ellis, J.F. 1-257
 Walter, A.J. *see* Wood, M.H. 1-7388
 Walter, D.K., Brooks, C. Refuse conversion to methane (RefCOM): a proof-of-concept anaerobic digestion facility 1-32050
 Walter, G. *see* Huck, A. 1-23609
 Walter, G. *see* Marguier, G. 1-23588
 Walter, H.G. Precision estimates of Universal Time from radio-interferometric observations 1-44086
 Walter, H.K. *see* Navon, I. 1-5801
 Walter, H.K. *see* Pruy, J.S. 1-50659
 Walter, J.L. *see* Dunn, K.J. 1-42531
 Walter, J.L. *see* Koster, U. 1-20069
 Walter, J.L. *see* Mogro-Campero, A. 1-30701
 Walter, K. Comments on gas stream effects in typical Algol systems 1-32723
 Walter, M. *see* Gensch, U. 1-595
 Walter, P.L. Deriving the transfer function of spatial averaging transducers 1-32972
 Walter, R.L. *see* Byrd, R.C. 1-28476
 Walter, R.L. *see* Mack, G. 1-693
 Walter, R.L. *see* Murphy, K. 1-50597
 Walter, S.D., Panjabi, M.M., Goel, V.K. The problem of error magnification in the center and angle of rotation. A statistical approach 1-13344
 Walter, W. *see* Broom, R.F. 1-7778
 Walter, W. *see* Vinkler, P. 1-14892
 Walter, W.R. *see* Benton, S.A. 1-15107
 Walters, D.J. *see* Coleman, M.C. 1-35343
 Walters, G.A. *see* Corcoran, M. 1-33204
 Walters, G.K. *see* Tang, K.Y. 1-39590
 Walters, G.P. *see* Makin, M.J. 1-15929
 Walters, H.R.J. Exact second Born exchange amplitude for elastic electron-hydrogen scattering 1-24253
 Walters, H.R.J. *see* Kingston, A.E. 1-24251
 Walters, J.B., Jr. *see* Moody, G.B. 1-17514
 Walters, K. *see* Court, H. 1-37976
 Walters, K. *see* Manero, O. 1-34015
 Walters, M.A. *see* Friedrich, D.M. 1-29065
 Walters, P.A. *see* West, R.N. 1-50229
 Walters, R.A., Cox, J.D., Schneider, R.T., Hagef-stration, J. Generation, measurement, and utilization of xenon excimer radiation produced by nuclear reaction products 1-19327
 Walters, R.A. *see* Raju, M.R. 1-43914
 Walters, S.D. *see* Cable, M. 1-39055
 Walters, W.B. *see* Aras, N.K. 1-662
 Walters, W.B. *see* Gallagher, P.W. 1-45428
 Walters, W.B. *see* Huyse, M. 1-41072
 Walther, A. Some unsolved problems in image formation 1-41593
 Walther, G. *see* Hollenberg, G.W. 1-39356
 Walther, H. Laser investigations in the atmosphere 1-32559
 Walther, H. *see* Frenkel, F. 1-33497
 Walther, H. *see* Trautmann, M. 1-35584
 Walton, A.K. Bulk and surface conduction by high-purity n-type InSb at low temperature when subjected to intense magnetic fields 1-34717
 Walton, D.R.M. *see* Hutchinson, M. 1-1214
 Walton, D.R.M. *see* Kirby, C. 1-24124
 Walton, E.G. *see* Bard, A.J. 1-7727
 Walton, G.N. *see* Laugier, J.A. 1-52296
 Walton, I.B. *see* Garner, C.D. 1-10784
 Walton, I.C. The stability of free convection in a horizontal cylindrical annulus 1-15493
 Walton, K. *see* Llinas, R. 1-53766, 1-53767
 Waltz, F. *see* Blythe, H.J. 1-25992
 Waltz, R.E. *see* Rosenberg, M. 1-11552
 Waltz, W.R., Godfrey, W.L., Williams, A.K. Fuel cycle utilizing plutonium-238 as a 'heat spike' for proliferation resistance 1-28683
 Waltzman, S.B. *see* Gelfand, S.A. 1-11259
 Walkiewicz, W. Spin-1/2 Raman scattering in semimagnetic semiconductors 1-26203
 Waluszyk, W., Matthes, J. Contribution to the technical supervision of operating means of the electric energy transmission and distribution 1-51659
 Walz, F., Blythe, H.J., Kronmuller, H. Magnetic relaxation occurring in low-temperature electron-irradiated α -Fe after annealing above stage III (220K) 1-21016
 Walz, F. *see* Blythe, H.J. 1-7956
 Walz, F. *see* Kronmuller, H. 1-12359
 Walzade, S.J., Jog, J.P., Boraskar, S.V. Thermal depolarisation current study of electron irradiated fluorinated ethylene propylene 1-34977
 Walzade, S.J. *see* Jog, J.P. 1-52265
 Walzer, K., Tacke, M., Busse, G. Optoacoustic spectra of some molecular gases at CO₂ laser wavelengths between 9 and 11 μ m 1-6253
 Walzer, P.F. *see* Corcoran, W.R. 1-50902
 Walzow, D., Neubert, W., Zodian, Kh., Skobelev, N.K. Possibility of identifying nuclear reaction products using avalanche counters 1-1998
 Wambach, J., Jackson, A.D., Speth, J. The role of the tensor force for isoscalar collective spin states 1-10364
 Wambach, J. *see* Osterfeld, F. 1-36950
 Wambach, J. *see* Speth, J. 1-687
 Wambersie, A. *see* Guichard, M. 1-49070
 Wamister, B. *see* Rudy, T. 1-10546
 Wampler, E.J. *see* Baldwin, J.A. 1-49843
 Wampler, F.B. *see* Rice, W.W. 1-10776
 Wampler, F.B. *see* Tice, J.J. 1-29054
 Wampler, W.R., Picraux, S.T., Cohen, S.A., Dylla, H.F., Rossnagel, S.M., McCracken, G.M. Probe measurements of impurities in the plasma boundary of PLT 1-25029
 Wampler, W.R. *see* Cohen, S.A. 1-25055
 Wampler, W.R. *see* Doyle, B.L. 1-25301
 Wampler, W.R. *see* Meservey, E.B. 1-24992
 Wampler, W.R. *see* Picraux, S.T. 1-25325
 Wampler, W.R. *see* Roth, J. 1-25303
 Wamsley, J.K. *see* Young, W.S. 1-53779
 Wamsteker, W. Five-colour photometry of blue stars in the Magellanic-Cloud region 1-40358
 Wamsteker, W. *see* Surdej, A. 1-40545
 Wamsteker, W. *see* van Paradijs, J. 1-44670
 Wamsteker, W. *see* Vettolani, G. 1-49699
 Wan, C.C., Coney, J.E.R. Transition modes in adiabatic spiral vortex flow in narrow and wide annular gaps 1-37940
 Wan, F.Y.M. Polar dimpling of complete spherical shells 1-6805
 Wan, J.K.S. *see* Hutchinson, D.A. 1-29004
 Wan Kay-Kong *see* Kay-Kong Wan
 Wan Lee Kae *see* Kae Wan Lee
 Wan Tai-fu *see* Zhang He-yi Zhang 1-29632
 Wan Zhen-fu *see* Xu Xiong-lan 1-22619
 Wan-Qin Liu *see* Liu Wan-Qin
 Wanagel, J. *see* Hakkarainen, T.J. 1-43496
 Wanas, M.I. *see* Mikhail, F.I. 1-44686
 Wanczek, K.-P. *see* Allemann, M. 1-5429
 Wand, R.H. *see* Richmond, A.D. 1-9317
 Wanderlingh, F. *see* Aliotta, F. 1-1243
 Wanderlingh, F. *see* Fontana, M. 1-8064
 Wanderlingh, F. *see* Giordano, R. 1-17441
 Wandji, R. *see* Amoussou, D. 1-2401
 Wandless, A.R. *see* Bonino, F. 1-7396
 Wandtke, J.C. *see* Plewes, D.B. 1-43983
 Wandzura, S. *see* Clifford, S.F. 1-44292
 Wang, A. *see* McPherson, A. 1-8808
 Wang, A.P. *see* Lu, P. 1-9871
 Wang, C.C. *see* Doppeke, K. 1-35882
 Wang, C.-C., I-Shih Liu A note on material symmetry 1-33889
 Wang, C.D. *see* Johnson, S.M. 1-43779
 Wang, C.H. Depolarized Rayleigh-Brillouin scattering of shear waves and molecular reorientation in a viscoelastic liquid 1-21218
 Wang, C.H. *see* Lempert, W. 1-38236
 Wang, C.H. *see* McHale, J.L. 1-16560
 Wang, C.J. *see* Cockerill, D. 1-14742
 Wang, Ch.J. *see* Botner, O. 1-37065
 Wang, C.W., Chant, N.S., Roos, P.G., Nadasen, A., Carey, T.A. The quasi-free (α,α') reaction induced by 140 MeV alpha particles on ⁹Be, ¹²C, ¹⁶O and ²⁰Ne 1-5759
 Wang, C.W., Kiang, G.C., Hsu, C.C., Lin, E.K., Kiang, L.L. A simple nuclear E2 transition model of $2^+ \rightarrow 0^+$ transition for even-even nuclei 1-5735
 Wang, C.W., Kiang, G.C., Liang, L.P., Lee, M.W., Wang, D., Kiang, L.L., Lin, E.K. Phase-shift analysis of α -¹²C elastic scattering data at energies E = 5 and 6 MeV 1-5785
 Wang, C.W. *see* Kiang, G.C. 1-5694, 1-5734
 Wang, C.W. *see* Kiang, L.L. 1-5736
 Wang, C.Y. Arbitrary squeezing of fluid from a tube at low squeeze numbers 1-42095
 Wang, C.Y., Herrmann, R.B. A numerical study of P-, SV-, and SH-wave generation in a plane layered medium 1-27070
 Wang, C.Y. *see* Chunkuan Shih 1-48725
 Wang, C.Y. *see* Lu, P. 1-9871
 Wang, C.Y. *see* Watson, L.T. 1-18017
 Wang, C.Y. *see* Ying-Shan Yang 1-7887
 Wang, C.-Y. A Eulerian method for analyzing above-core hydrodynamics and sodium spillage during a hypothetical core disruptive accident 1-33316
 Wang, C.-Y. Analysis of high-energy excursions using the implicit continuous-fluid Eulerian containment code (ICECO) 1-33321
 Wang, C.-Y. *see* Zeuch, W.R. 1-33323
 Wang, D. *see* Kiang, G.C. 1-5693, 1-5694
 Wang, D. *see* Krotkov, R. 1-27574
 Wang, D. *see* Sokolov, N.Z. 1-27573
 Wang, D. *see* Wang, C.W. 1-5785
 Wang, D.-S. *see* Kerker, M. 1-6262
 Wang, D.W. *see* Cockerill, D. 1-14742
 Wang, E. *see* Ammosov, V.V. 1-40980
 Wang, E. *see* Berge, J.P. 1-540
 Wang, E. *see* Efremenko, V.I. 1-33173
 Wang, E.C. *see* Frech, R. 1-8072
 Wang, E.Y. *see* Legge, R.N. 1-42850
 Wang, G., Zhang, R. Growth and properties of Fe-deficient Mn-Zn-Co ferrite single crystal 1-8216
 Wang, G.-C., Celotta, R.J., Pierce, D.T. Polarized low-energy-electron diffraction from W(100) 1-47339
 Wang, G.H., Harris, D.R. Combined batch and assembly nodal method for nuclear fuel management 1-50726
 Wang, H.A., Kroger, F.A. Chemical diffusion in polycrystalline Al₂O₃ 1-38595
 Wang, H.T.M. Hydrogen frequency standard using free-induction technique 1-18200
 Wang, H.T.M., Lewis, J.B., Crampton, S.B. Compact cavity for hydrogen frequency standard 1-23192
 Wang, J.C. Local fields near a point-charge defect in cubic ionic crystals 1-7168
 Wang, J.C. On the charge compensation mechanism in β -alumina 1-34344
 Wang, J.C. *see* Engstrom, H. 1-33008
 Wang, J.H.S., Finzi, J., Baily, P.K., Hui, K.K., Holleman, G.W. CW optical resonance transfer lasers (ORTL) 1-46325
 Wang, J.H.S. *see* Finzi, J. 1-1548
 Wang, J.J.H. *see* Ryan, C.E., Jr. 1-17455
 Wang, J.R. The dielectric properties of soil-water mixtures at microwave frequencies 1-13499
 Wang, J.R., Newton, R.W., Rouse, J.W., Jr. Passive microwave remote sensing of soil moisture: the effect of tilted root structure 1-9152
 Wang, J.R., Schmutge, T.J. An empirical model for the complex dielectric permittivity of soils as a function of water content 1-9184
 Wang, J.R., Shiue, J.C., McMurtry, J.E., III. Microwave remote sensing of soil moisture content over bare and vegetated fields 1-17627
 Wang, J.R., Shiue, J.C., Schmutge, T.J. Remote sensing of soil moisture over bare and vegetated fields by microwave radiometers 1-5329
 Wang, K. Optics in medical ultrasonics 1-43930
 Wang, K. *see* Niedermeyer, H. 1-25040
 Wang, K.-C., Boehm, F., Bovet, E., Hahn, A.A., Henriksen, H.E., Miller, J.P., Powers, R.J., Vogel, P., Vuilleumier, J.-L., Kunselman, A.R. Experimental determination of the relativistic fine-structure splitting in pionic Ti and Fe atoms 1-1415
 Wang, K.K. *see* Conrad, H. 1-31475
 Wang, K.K. *see* Reddy, M.M. 1-2364
 Wang, K.L., Chiang, S.W., Bacon, F., Reihl, R.F. Refractory metal silicide formation by ion implantation 1-38398
 Wang, K.L., Storms, H.A. SIMS study of metalized silicon semiconductors 1-30576
 Wang, L. On the short-term correlation of cleaning discharges in Tokamak CT-6 1-29937
 Wang, L. *see* Haber, B. 1-14433
 Wang, L.K., Pereira, N.C. (editor) Handbook of environmental engineering. Vol.1. Air and noise pollution control 1-49891
 Wang, M.C. *see* Hsieh, S.T. 1-36906
 Wang, P.K., Pruppacher, H.R. On the efficiency with which aerosol particles of radius less than 1 μ m are collected by columnar ice crystals 1-22451
 Wang, P.K. *see* Martin, J.J. 1-22452, 1-32499
 Wang, P.K.C., Masui, K. Intermittent phase unlocking in a resonant three-wave interaction with parametric excitation 1-38088
 Wang, R. *see* Brimhall, J.L. 1-12766
 Wang, R. *see* Chen, H.S. 1-31233
 Wang, R.T. Extinction signatures of non-spherical/non-isotropic particles 1-6458
 Wang, S., Lai, S.K. Structure and electrical resistivities of liquid binary alloys 1-25142
 Wang, S., Lai, S.K. Electronic transport in liquid lithium-lead alloys 1-30709
 Wang, S.C. Panchromatic hollow cathode laser 1-51507
 Wang, S.C., Senbetu, L., Chia-Wei Woo Superlattice of parahydrogen physisorbed on graphite surface 1-34568
 Wang, S.C.H. *see* Plonus, M.A. 1-1492
 Wang, S.-L., Murr, L.E. Effect of prestrain and stacking-fault energy on the application on the Hall-Petch relation in FCC metals and alloys 1-3845
 Wang, S.S., Stuhmiller, J.H. Modified partial-cell method for free-surface incompressible flow simulations 1-42003
 Wang, S.-T., Turner, L.R., Genens, L., Pelczarski, W., Hoffman, J., Gonczy, J., Ludwig, H., Niemann, R.C., Mataya, K.F., Kraft, E., Young, W. Final design of a superconducting MHD magnet for the Coal-Fired Flow Facility at the University of Tennessee Space Institute 1-48881
 Wang, S.-T. *see* Kim, S.H. 1-45735
 Wang, S.-T. *see* Niemann, R.C. 1-48882
 Wang, S.-T. *see* Turner, L.R. 1-48883
 Wang, T. *see* Mason, P. 1-47324
 Wang, T. *see* Venkataraman, K. 1-32102
 Wang, T.-C. *see* Salathe, E.P. 1-26871

- Wang, T.P., Starr, C.D. Electromotive force stability of Nirosil-Nisil 1-47618
- Wang, W.I., Wood, C.E.C., Eastman, L.F. Extremely high electron mobilities in modulation-doped GaAs-Al_{0.1}Ga_{0.9}As heterojunction superlattices 1-34777
- Wang, X.R. see Barber, D.P. 1-534, 1-28309
- Wang, Y., Joannopoulos, J.D. The Ga core exciton at unrelaxed GaAs (110) 1-16330
- Wang, Y. see Li, C.C. 1-9017
- Wang, Y.K., Shu, P.H.C., Stein, R.S., Hsu, S.L., Kanamoto, T. Longitudinal acoustic mode in linear aliphatic polyesters 1-52250
- Wang, Y.L. Series expansion for CEF split systems 1-25853
- Wang, Y.-M., Frank, J. Plasma infall and X-ray production in the magnetic funnel of an accreting neutron star 1-36322
- Wang, Y.S. see Ma, Z.Y. 1-18691
- Wang, Y.X. see Barber, D.P. 1-28309
- Wang, Z.C. see Ying-Shan Yang 1-7887
- Wang, Z.E. see Song, L. 1-10595
- Wang Ang-sheng, Chao Siao-ling, Kang Yu-shair, Hong Yan-chao, Hsu Lai-chang Some characteristics of hail-cloud formation processes in Xiyang area 1-22478
- Wang Ang-sheng, Hong Yan-chao A case analysis of the finger echo 1-54218
- Wang Bang-Hua, Lin Sheng-Biao, Deng Yi-Qian Magnetic fields of uniformly magnetized polyhedra 1-53968
- Wang Chang-Ling, Yao Qing-Chun, Long Ming On the abnormal characteristics of radon contents in the spring waters north of the epicentral area of the Sungpan-Pingwu earthquake before its occurrence and their cause 1-4430
- Wang Chang-zhen, Zou Yuanxi Activity of La₂O₃ in liquid La₂O₃-CaF₂ and La₂O₃-CaF₂-CaO-SiO₂ slags 1-38555
- Wang Cheng see Chu Wuyang 1-39500
- Wang Cheng-xu, Cai Yao-lu, Feng Da-jun, Wang Yie-tao, Su Peng-sheng Theoretical analysis and experimental study of a variable speed and constant frequency power supply system 1-48789
- Wang Chi Chung see Chi Chung Wang
- Wang Chi-Kuo see Chi-Kuo Wang
- Wang Chi-yuen see Chi-yuen Wang
- Wang Dan-lian see Zhao Lin 1-51406
- Wang De-Ning, Cheng Zhao-Nian, Wang Wei-Yuan Theoretical estimates of R_p and ΔR_p of the ion implantation in amorphous targets 1-42403
- Wang Ding-Sheng see Ding-Sheng Wang
- Wang Dong-Ping see Dong-Ping Wang
- Wang En-Fu see Huang Zhong-Xian 1-4434
- Wang Fan see Chen Jinqian 1-28884
- Wang Fu see Liang Zhide 1-53195
- Wang Gui Xin see Gui Xin Wang
- Wang Gui-hua see Liu Zhen-mao 1-20211
- Wang Guo-Yi see Guo-Yi Wang
- Wang Guo-Zong see Zhang Ping-Hua 1-49543
- Wang Han-Ching see Han-Ching Wang
- Wang Hongyu see Ma Dayou 1-33953
- Wang Hsiang see Chang Kai-hsiung 1-23237
- Wang Jia-gang The continuity of α -fields generated by stochastic processes 1-23111
- Wang Jia-Shen see Jia-Shen Wang
- Wang Jun see Chen Ying-Xuan 1-49465
- Wang Kai see Tang Ren-ji 1-29618
- Wang Kai-ren The mathematical methods of image reconstruction for the fan beam scanning of X-rays 1-23385
- Wang Ke-Lin see Wang Ming-Zhong 1-45168
- Wang Liang-yu see Yao Nai-yuan 1-46996
- Wang Ling-Lie Chan see Ling-Lie Chan Wang
- Wang Ling-Lie Chau see Ling-Lie Chau Wang
- Wang Long On short-term correlation of cleaning discharges in Tokamak CT-6 1-29929
- Wang Long Unipolar arcing in Tokamak CT-6 1-38113
- Wang Maw Jong see Maw Jong Wang
- Wang Ming see Ming Wang
- Wang Ming-Zhong, Zheng Xi-Te, Wang Ke-Lin, Xian Ding-Chang, Zhang Zheng-Gang The background field strength of the vacuum with the energy band structure 1-45168
- Wang Ou Hsien see Hsien Wang Ou
- Wang Ren, He Guo-Qi, Yin You-Quan, Cai Yong-En A mathematical simulation for the pattern of seismic transference in North China 1-4427
- Wang Ren-chuan Integrals of products of Airy functions 1-49963
- Wang Ru-quan, Liu Xue-zong, Jiao Lu-qiong, Gao Zhi Simplified Navier-Stokes equations and their mathematical characteristics 1-29718
- Wang Shan see Cai Shu-zheng 1-25002
- Wang Shao-zhou see Teng Ji-wen 1-22311
- Wang Sheng-Wei see Sheng-Wei Wang
- Wang Shou-Yih see Shou-Yih Wang
- Wang Shuang-Ping see Wei Qing-Yun 1-49199
- Wang Shun-Jin The self-consistent field equations at finite nuclear temperature. The generalized HFB equations 1-45441
- Wang Su-yun see Huan Wen-lin 1-22312
- Wang Thuang Wo see Wo Wang Thuang
- Wang Ting-i see Ting-i Wang
- Wang Ting-Yuu see Huang Fu-Ming 1-4425
- Wang Wei-cheng, Z-u Ming-shan, Ni Zhen-wei The high-efficient heat exchanger with small temperature difference used in the development of low-temperature heat sources 1-48904
- Wang Wei-cheng see Ni Zhen-wei 1-4164
- Wang Wei-cheng see Zhu Ming-shan 1-4163
- Wang Wei-Yuan see Wang De-Ning 1-42403
- Wang Wen see Zhang Shou-Qing 1-3609
- Wang Wen-ching, Xiao Zuo, Huo Hong-xian, Ji Xiang-ren An experimental study of a plasma sheath on the performance of a meter wave band antenna 1-29918
- Wang Wen-Kui see Wen-Kui Wang
- Wang Wenhao, Guan Ruonan A data handling and correcting program for quantitative electron microprobe analysis 1-39697
- Wang Xiao-Wei see Gao Guo-Ru 1-52228
- Wang Xin-Yi see Lin Lei 1-47208
- Wang Xiu, Luo Gui-yun Influence on the transmission of light of α -LiIO₃ single crystal by the application of an electrostatic field 1-48019
- Wang Yan-yun see Xu Ji-an 1-2610
- Wang Yang-yuan, Han Ru-qi, Chang Gou-ping, Ji Li-jiu The electrical properties of polycrystalline silicon film 1-30852
- Wang Ye-ning, Chou Yi-feng, Chang Zhi-fang A study of internal friction associated with the martensite transformation at low frequency 1-48404
- Wang Ye-ning, Chu Jing-sung, Tan Jun-peng The study of SHG in the polydomain striae region of LiNbO₃ single crystal 1-46443
- Wang Ye-ning see Zhu Jin-song 1-24427
- Wang Ye-Ning see Ye-Ning Wang
- Wang Yie-tao see Wang Cheng-xu 1-48789
- Wang Yong-ling, Lin Sheng-wei, Xu Li-hua Ultra-low frequency measurement of ferroelectric hysteresis loop 1-26151
- Wang Yong-Ling, Yin Qing-Rui, Qu Cui-Feng, Zhou En-Ji The phase transition transducer 1-15355
- Wang Yu-tang see Chen Yan-song 1-24359
- Wang Yuh-Shuh see Yuh-Shuh Wang
- Wang Zhen-ru see Qu Qin-yue 1-40578
- Wang Zheng-da A simple method of studying transfer of angular momentum in heavy ion reaction 1-18670
- Wang Zheng-da, Zu Shu-Wei, Miao Rong-Zhi A simple model for studying the stretch at scission point in fusion-fission and quasi-fission induced by heavy-ions 1-45492
- Wang Zheng-da see Gu Jin-nan 1-18545
- Wang Zhi-ying see Wu Cun-kai 1-51541
- Wang Zhichang The linear concentration rules at constant partial molar quantity \bar{V}_0 - the extension of the Turkdogan's and the Zdanovskii's rules 1-38537
- Wang Zhong-guang see Pan Zheng-liang 1-21500
- Wang Zhou-Yuan see Feng De-Yi 1-4428
- Wang Zi-Hua see Huang Huan-Chia 1-46563
- Wang Zi-xing see Qiu Xi-jun 1-18696
- Wang Zu-lun see Wu De-hai 1-53209
- Wang Zulun see Zhang Dianlin 1-3192
- Wang Zuochen Effects of Pb and Mg on the properties of long term aging Zn-4Al alloy 1-53210
- Wang-Ke-lin see Liu Yao-yang 1-18380
- Wangler, J., Henke, L., Wittmann, W., Plöhn, H.J., Andra, H.J. Fine structure of Li I ($n=4-7$) d²D-terms by beam-foil quantum-beat spectroscopy 1-51304
- Wanhill, R.J.H. Environmental fatigue crack propagation in metal/composite laminates 1-8415
- Wani, A.M., Guha, S.K. Synthesizing of a motor unit potential based on the sequential firing of muscle fibres 1-13227
- Wani, P.A. see Agarwal, M.K. 1-42802
- Wanka, H., Dahl, W. Numerical calculation of precipitation with consideration of the particle geometry 1-53178
- Wanklyn, B.M. see Tressaud, A. 1-52779
- Wanless, P. see Caldwell, J. 1-5107
- Wanless, R.K. see Ray, G.E. 1-44138
- Wanless, R.K. see Tempelman-Kluit, D. 1-44137
- Wann-Joe Sun see Wood, B.D. 1-23794
- Wannemaker, B., Seynaev, R., Boni, P., Forber, A. The use of digitised APT data in oceanographic research 1-27318
- Wannberg, G. see Ekstrom, C. 1-5692
- Wanner, G. see Weber, J. 1-19036
- Wanner, H.U. Indoor air pollution 1-8781
- Wanner, J. see Trautmann, M. 1-35584
- Wanner, M. see Leiderer, P. 1-7420
- Wannier, G.H. Bloch electrons in a magnetic field - Reduction to one dimension 1-27895
- Wannier, P.G. see Frerking, M.A. 1-9609
- Wannier, P.G. see Knapp, G.R. 1-9608
- Wano, K., Okada, H. Peculiar occurrence of Usu earthquake swarm associated with the recent doming activity 1-54016
- Wanser, K.H. Elastic distortion of a conducting surface in the vicinity of a point charge 1-38831
- Wantanaar, C.H.J., Campbell, S.J., Chaplin, D.H., McKenna, T.J., Wilson, G.V.H. Thermal modulation studies of the critical magnetic susceptibility of Gd 1-12260
- Wantland, J.L. see Rose, S.D. 1-28540
- Wantschouse, R. see Balliet, B. 1-41852
- Wantschouse, R.A. see Ballier, L. 1-51636
- Wantuck, P.J. see Rice, W.W. 1-10776
- Wapzak, S. see Jerzak, S. 1-38971
- Wappling, R. see Chandra, R. 1-26087
- Wappling, R. see Kamal, R. 1-47990
- Wapstra, A.H. Atomic masses for nuclides far from stability 1-10359
- Wara, W.M. see Sheline, G.E. 1-35837
- Warabisako, T. see Itoh, H. 1-4186
- Warabisako, T. see Saitoh, T. 1-4180
- Warashina, M., Ushirokawa, A. Simple method for the determination of series resistance and maximum power of solar cell 1-8718
- Warburton, E.K., Alburger, D.E. Precision energy measurement of γ rays from short-lived activities 1-28416
- Warburton, E.K., Alburger, D.E. Beta decay of ²¹F 1-50557
- Warburton, E.K., Alburger, D.E., Millener, D.J. Energies and branching ratios of γ transitions in ¹²C 1-18595
- Warburton, E.K., Lister, C.J., Alburger, D.E., Olness, J.W. Beta decay of ²⁴Al 1-50558
- Warburton, E.K. see LeVine, M.J. 1-41056
- Warburton, E.K. see Sandorfi, A.M. 1-14500
- Warburton, J.A., Molnar, J.V., Owens, M.S., Anderson, A. Heavy metal enrichment in Antarctic precipitation and near surface snow 1-22372
- Warburton, J.A. see Lacaux, J.-P. 1-44259
- Warburton, J.A. see Smiley, V.N. 1-54187
- Warburton, W.K. see Eanes, E.D. 1-23397
- Warczewski, J. Non-crystallographic symmetries in the superstructure of (NH₄)₂ZnCl₄ 1-20151
- Ward, A.A. see Phillips, N.J. 1-19294
- Ward, D. Electromagnetic properties of high spin states 1-45392
- Ward, D. see Andersen, J.U. 1-50687
- Ward, D. see Andrews, H.R. 1-18559
- Ward, D. see Hauser, O. 1-34963
- Ward, D. see Rud, N. 1-50548
- Ward, D. see Walker, P.M. 1-18557
- Ward, F.C. see Fritzsche, J.L. 1-41402
- Ward, H.A. see Hinkle, S. 1-42422
- Ward, I.D. see Rivaud, L. 1-39210
- Ward, I.M. The stiffness and creep behaviour of ultra high modulus polyethylene 1-31582
- Ward, I.M. see Capaccio, G. 1-42327
- Ward, I.M. see Coates, P.D. 1-26548
- Ward, I.M. see Gibson, A.P. 1-16111, 1-43398
- Ward, I.M. see Hope, P.S. 1-16810
- Ward, J., Crow, J.E., Mihailisin, T. Mixed valence, crystalline electric fields and the Kondo effect in Ce(PdAg), 1-20672
- Ward, J.F. see Elliott, D.S. 1-37364
- Ward, J.M. see Key, M.H. 1-25013
- Ward, J.M. see Lewis, C.L.S. 1-29915
- Ward, J.W. Electronic structure, bonding and chemisorption in metallic hydrides 1-2807
- Ward, J.W. see Bourne, J.R. 1-22147
- Ward, J.W. see Jansen, B.H. 1-32288
- Ward, M., Penston, M.V., Blades, J.C., Turtle, A.J. New optical and radio observations of the X-ray galaxies NGC 7582 and NGC 2992 1-13856
- Ward, M. see Bailey, J. 1-36309
- Ward, M. see Barr, P. 1-13855
- Ward, M.A.V. Microwave stimulated combustion 1-39642
- Ward, M.J. see Griffiths, R.E. 1-13885
- Ward, N.J. see Ekstrom, L.P. 1-666, 1-23587
- Ward, N.J. see Jones, G.D. 1-28816
- Ward, N.J. see Wadsworth, R. 1-663
- Ward, R.C.C. see Hukin, D.A. 1-26382
- Ward, R.F. Alcohols as fuels - the global picture 1-53527
- Ward, R.L. Mechanisms of poliovirus inactivation by the direct and indirect effects of ionizing radiation 1-17462
- Ward, R.S. Self-dual space-times with cosmological constant 1-23060
- Ward, R.S. see Penrose, R. 1-18104
- Ward, R.W., Chi-Yuh Young Mapping seismic attenuation within geothermal systems using teleseisms with application to the Geysers-Clear Lake region 1-22525
- Ward, S. see Kogoshi, S. 1-2213
- Ward, S.N. A technique for the recovery of the seismic moment tensor applied to the Oaxaca, Mexico earthquake of November 1978 1-22503
- Ward, T.E. see Hicks, K.H. 1-18601
- Ward, T.E. see Sjoreen, T.P. 1-23633
- Ward, W.D., McCullagh, G.C., Watson, D.R. Incubators need no further noise reduction [by G.C. McCullagh, D.R. Watson with their reply] 1-24594
- Warde, C., Weiss, A.M., Fisher, A.D. LiNbO₃ and LiTaO₃ microchannel spatial light modulators 1-24488
- Warden, M. see Jack, M.A. 1-33853
- Wardlaw, D. see Pratt, D.J. 1-49140
- Ware, B.R. see Wunderlich, R.W. 1-2114
- Ware, R.E. see Mazumder, M.K. 1-43841

- Ware, R.W. *see* Bhagat, P.K. 1-35923
 Ware, W.R. *see* Hara, K. 1-1275
 Warhaft, Z. The use of dual heat injection to infer scalar covariance decay in grid turbulence 1-51774
 Warin, D. *see* Epelboin, I. 1-21869
 Warin, V. *see* Gors, C. 1-30216
 Waring, G. Energy and the automobile 1-17973
 Waring, G., Hofer, K.E., Jr., Brown, I., Trabocco, R.E. Design and operation of multiple-specimen fully reversed fatigue systems for advanced composite materials 1-8408
 Warinner, D.K., Saxena, S.C. Sodium flow blockage in liquid-metal fast breeder reactors: sweepout of a planar blockage 1-23844
 Warinner, D.K. *see* Sanathanan, C.K. 1-41219
 Warke, C.S., Greiner, W. Amplitude modulated solitary ion motion in solids 1-30442
 Warke, C.S., Shanker, R., Greiner, W. Isobaric component of the deuteron as determined from the de Rujula-Georgi-Glashow quark model 1-23474
 Warke, C.S. *see* Biswas, A.C. 1-11950
 Warke, C.S. *see* Datar, V.M. 1-5743
 Warke, C.S. *see* Moholkar, S.V. 1-28372
 Warke, C.S. *see* Narasimham, V.L. 1-46127
 Warke, C.S. *see* Shanker, R. 1-10168
 Warkentin, J.K., Rubin, R.M. Post-LOCA coolant piping dose rates—a plant shielding survey tool 1-18796
 Warlaumont, J.M. *see* Sanda, P.N. 1-11978
 Warlimont, H. Anneal hardening of nickel alloys 1-31474
 Warlimont, H. *see* Jaquet, J.C. 1-31575
 Warlimont, H. *see* Jaquet, J.C. 1-39354, 1-48449
 Warmack, R.J. *see* Christie, W.H. 1-30267
 Warman, J., Pena, J.H., Margrave, T.E. Nonradial period structure of the δ Scuti star HR 1170 1-32710
 Warman, J. *see* Gonzalez B, S.F. 1-9518
 Warman, J.M. *see* Kunst, M. 1-20452
 Warming, P. *see* Bartel, W. 1-18500, 1-45253, 1-45254
 Warming, P. *see* Drumm, H. 1-14762
 Warming, P. *see* O'Neill, L.H., Jr. 1-50443
 Warminski, T. *see* Kaniewski, J. 1-43189
 Warmoltz, N., Werner, H.W., Morgan, A.E. The dependence on the angle of incidence of the steady state sputter yield of silicon bombarded by oxygen ions 1-21318
 Warmoltz, N., Werner, H.W., Morgan, A.E. The bombardment angle dependence of the sputtering and secondary ion yield for oxygen ion bombardment of silicon 1-31295
 Warn, A.E., Brew, J.S. Mass balance [pollution downstream of discharge point] 1-35723
 Warnas, A.A. Input and hysteresis energies vs. temperature for cyclically buckled single crystal rods of superelastic beta aluminum bronze 1-48444
 Warne, P. Commissioning of AGR boiler control systems 1-28588
 Warneck, B. *see* Rakshit, A.B. 1-8550
 Warneck, P. *see* Eichmann, R. 1-4552
 Warneck, P. *see* Klippel, W. 1-13503
 Warneck, P. *see* McCrumb, J.L. 1-8537, 1-39597
 Warneck, P. *see* Rakshit, A.B. 1-21716, 1-37376
 Warner, B. 1E 0643.0-1648 1-32724
 Warner, B., Donoghue, O. H 2252-035 1-4999
 Warner, D.D., Casten, R.F., Davidson, W.F. Detailed test of the interacting boson approximation in a well-deformed nucleus: the positive-parity states of ^{168}Er 1-23539
 Warner, J. Ray tracing programs for analysing thermal imaging scanners 1-41873
 Warner, J.G. *see* Gabor, J.D. 1-37928
 Warner, J.S. *see* Conard, B.R. 1-26763
 Warner, J.W., Bartell, L.S., Blinder, S.M. Electron correlation and Hund's rule 1-14827
 Warner, J.W. *see* Korsch, D. 1-49515
 Warner, J.W. *see* Nein, M.E. 1-49513
 Warner, M. Interaction energies in nematogens 1-34220
 Warner, M., Flory, P.J. The phase equilibria in thermotropic liquid crystalline systems 1-38516
 Warner, R.A. *see* Morgan, C.B. 1-50509
 Warner, R.M., Jr. *see* Jindal, R.P. 1-52646
 Warner, S.C. Hall probe monitors high voltages 1-28014
 Warkning, R. *see* Hayes, K.C. 1-32267
 Warnock, A., III, Usher, P.D. Réseau astronomy with Palomar Schmidt plates 1-44441
 Warnock, J. *see* Barber, D.P. 1-534, 1-28309
 Warnock, R. *see* Lee, Lee Warnock, R.
 Waroquier, M. *see* Abreu, M.C. 1-23598
 Waroquier, M. *see* Huyse, M. 1-41072
 Waroquier, M. *see* Wenes, G. 1-41031
 Warren, C.H. Argon-ion laser excitation of the fluorosulfate radical 1-24185
 Warren, C.H. Dye laser excitation of the fluorosulfate radical origin band excitation 1-37428
 Warren, F.T., Jr. *see* Thompson, J.E. 1-25117
 Warren, G. *see* Bebek, C. 1-33191
 Warren, J.B. *see* Kiefl, R.F. 1-37369
 Warren, J.B. *see* Oram, C.J. 1-37041
 Warren, J.W. The development of the teaching of physics in Britain 1-35
 Warren, L.F. *see* Noufi, R. 1-21735, 1-35542
 Warren, M.R. The generation of reliable design data for long term high temperature creep applications 1-39398
 Warren, P.J. Waste materials from hospital laboratories 1-23199
 Warren, R. Solid-liquid interfacial energies in binary and pseudo-binary systems 1-7428
 Warren, R. *see* Sparks, M. 1-39193
 Warren, R.E. Integrated focal-plane array (IFPA) approach to large-area infrared focal plane architecture 1-5379
 Warren, R.M., Bashford, J.A., Jr., Wrightson, J.M. Infrapitch echo 1-13257
 Warren, W.H. *see* Gaiser, J.E. 1-24001
 Warren, W.S., Weitekamp, D.P., Pines, A. Theory of selective excitation of multiple-quantum transitions 1-1254
 Warren, W.S., Weitekamp, D.P., Pines, A. High-order selective sequences in multiple-quantum NMR 1-14158
 Warren, W.W., Jr., Dupree, H. NMR study of the metal-nonmetal transition in expanded liquid selenium 1-26056
 Warren, W.W., Jr., Dupree, R. Structural and electronic transformations of liquid selenium at high temperature and pressure: a ^{77}Se NMR study 1-12413
 Warren, W.W., Jr. *see* Dupree, R. 1-26052
 Warren, W.W., Jr. *see* Shaham, M. 1-26067
 Warren, W.W., Jr. *see* Sotier, S. 1-26055
 Warring, R.H. Balsawood—a possibility for enclosures? 1-37707
 Warrington, D.H. *see* Bonnet, R. 1-47091
 Warrington, R.O. *see* Powe, R.E. 1-1964, 1-1985
 Warschewski, D., Brungs, M.P. A compact computer programme for the specification of dominant wavelength and purity 1-18277
 Warshaw, G. *see* Klein, J.D. 1-47834, 1-47835
 Warszawer, T.N. Quantized gap length measurement and the finite spotsize model 1-6104
 Warszawer, T.N. On an error estimate of the lacunarity measurement 1-45803
 Warta, W. *see* Schein, L.B. 1-12121
 Wartak, M.S. Flapping modes in superfluid ^3He -A in a static magnetic field 1-11941
 Wartak, M.S. Phenomenological theory of the quashing mode in the BW phase of superfluid ^3He 1-47325
 Wartburg, A. *see* Routhier, F. 1-40164
 Wartburg, A.F. *see* Patterson, E.M. 1-44248
 Wartell, R.M., Benight, A.S. The helix-coil transition of DNA restriction fragments containing the lactose operon promoter sequence 1-39872
 Wartell, R.M. *see* Benight, A.S. 1-35755
 Wartusch, J. Content and distribution of dicumylperoxide decomposition products in VPE insulations 1-17121
 Warwick, A., Chapman, R., Durell, J.L., Mo, J.N., Kuehner, J.A., Skensved, P. The $1\text{h}_{9/2}$ proton orbit size in ^{209}Bi 1-50495
 Warwick, G. Fluorescence non-destructive testing 1-43621
 Warwick, J.E. *see* Johnson, R.L. 1-990
 Warwick, J.W. *see* Kaiser, M.L. 1-40414
 Warwick, J.W. *see* Lecacheux, A. 1-40380
 Warwick, W.A. *see* Kirkman, D.H. 1-23291
 Warwicker, R. *see* Latham, J. 1-22462
 Wasa, K., Tsubouchi, K., Mikoshiba, N. Photoacoustic measurement of non-radiative states and defects in CdS and Si with ZnO transducer 1-3459
 Wasa, K., Tsubouchi, K., Mikoshiba, N. Investigation of non-radiative states in GaAs and InP by photoacoustic spectroscopy 1-21261
 Wasa, K. *see* Hamaguchi, C. 1-16577
 Wasa, K. *see* Mitsuyu, T. 1-43057
 Wasa, K. *see* Yamazaki, O. 1-24640
 Wasada, N. *see* Hashizume, A. 1-15012, 1-24263
 Waschkies, E., Hepp, K. Acoustic emission measurements for showing of thermal shock cracks on a clad steel plate 1-4024
 W.A.Scott. *see* Scott, W.A.
 Waseda, Y. Current structural information of metallic alloy glasses 1-42315
 Waseda, Y. Structure of non-crystalline materials. Liquids and amorphous solids 1-44726
 Waseda, Y. *see* Hanham, C.M. 1-21637
 Waseda, Y. *see* Ohkoshi, I. 1-25459, 1-47256
 Wash, W.G. *see* Doman, D.R. 1-50874
 Washburn, A.L. Focus on polar research 1-27167
 Washburn, H. Static characterization of magnetic bubble films 1-7908
 Washburn, J. *see* Sadana, D.K. 1-15912, 1-38393
 Washburn, R.D. *see* Hill, R.A. 1-41734
 Washburn, S., Schweizer, R., Meyer, H. Solid H_2 has the quadrupolar glass phase a well-defined transition? [NMR measurements] 1-2775
 Washida, N. Reaction of methyl radicals with $\text{O}(\text{P})$, O_2 and NO 1-4058
 Washida, N., Akimoto, H., Okuda, M. Reaction of methyl radicals with ozone 1-4059
 Washimi, H. *see* Hatori, T. 1-42168
 Washington, W. *see* Baker, D.J., Jr. 1-13562
 Washio, M. *see* Iida, T. 1-30439
 Washizu, K., Ohya, A., Otsuki, Y., Fujii, K. Aeroelastic instability of rectangular cylinders in a torsional mode due to a transverse wind 1-24730
 Washizu, M. *see* Masuda, S. 1-19925
 Washko, S.D., Shilling, J.W. Dependence of losses on flux density in grain oriented 3% silicon steel 1-7890
 Wasielea, A., Simon, P., Merle d'Aubigne, Y. Jahn-Teller coupling in the $^1\text{T}_{1g}$ excited level of Ga^{3+} in Kl : coexistence of tetragonal and trigonal distortions 1-35091
 Wasielewska, E. *see* Golebiewski, A. 1-10666
 Wasiewicz, R. *see* Goworek, T. 1-11788
 Wasilewska-Radwanska, M., Kwiecinski, S., Pohorecki, W., Owsiak, T. Radioisotope analyser for the determination of aluminum and silicon in cement raw mix 1-21822
 Wasilewski, J. Hartree-Fock values of some atomic integrals useful in simplified LCAO-MO calculations for molecules. I. Atoms B, C, N, O, F 1-13940
 Wasilewski, J. *see* Bielski, A. 1-6339
 Wasilewski, W., Gajdek, M., Jachowicz, W. Description of the domain structure in the thin ferromagnetic film near the phase transition point from a state of homogeneous magnetization to the domain structure induced by a change in the external magnetic field 1-16463
 Wasilik, J.H. The effects of thermal radiation on selected optical components 1-33781
 Wassmundt, K.C. *see* Collins, S.A., Jr. 1-1619
 Wass, S.Y., Rodgers, N.W. Mantle metasomatism—precursor to continental alkaline volcanism 1-49236
 Wassall, S.R. *see* Cusley, R.J. 1-52848
 Wassenaar, A.M. *see* Nijweide, P.J. 1-43910
 Wassenhove, G. Van *see* Van Wassenhove, G.
 Wasserburg, G.J. *see* Chen, J.H. 1-40429
 Wasserburg, G.J. *see* Jacobsen, S.B. 1-13740, 1-49242
 Wasserburg, G.J. *see* Kaiser, T. 1-54428
 Wasserburg, G.J. *see* Niederer, F.R. 1-13739
 Wasserburg, G.J. *see* Nohda, S. 1-54082
 Wasserburg, G.J. *see* Piepgras, D.J. 1-13490
 Wasserman, D.E. Occupational vibration studies in the US—a review 1-43890
 Wasserman, I., Salpeter, E. Resonance radiative transfer for cyclotron line emission with recoil 1-49487
 Wasserman, I. *see* Brecher, K. 1-4926
 Wasserman, I. *see* Shapiro, S.L. 1-49504
 Wasserman, L.H. *see* Millis, R.L. 1-54408
 Wasserman, S.R. *see* Haddon, R.C. 1-45820
 Wassermann, G. Adhesive bonding produced by deformation of composites and its influence on mechanical properties 1-31573
 Wasserstrom, E. *see* Christiansen, W.H. 1-46417
 Wasserstrom, E. *see* Crispin, Y. 1-46941
 Wassileff, C. *see* Herschbach, K. 1-23753
 Wassilief, C., Kaiser, A.B., Trodahl, H.J. Thermopower of dilute rhodium-iron alloys 1-25709
 Wasson, J.S. *see* Burkholder, D. 1-14823
 Wasson, J.T. *see* Kyte, F.T. 1-32441
 Wasson, J.T. *see* Rambaldi, E.R. 1-9441
 Wasson, O.A. *see* Schwartz, R.B. 1-14705
 Wasylisen, R.E., Danchura, W., Marat, K. The field dependence of ^{13}C relaxation for the cyanide ion in aqueous solution 1-14941
 Wasylisen, R.E., Muldrew, D.H., Friesen, R.I. One-bond ^{13}N - ^{13}C coupling constants and ^{13}N - ^{14}N isotope effects on ^{13}C chemical shielding in some diamagnetic cyano complexes 1-41329
 Wasylisen, R.E. *see* Friesen, K.J. 1-19121
 Wasyllyk, J.S. *see* Southwick, R.D. 1-53327
 Waszczak, J.P. *see* Parmar, J.F. 1-48871
 Waszczak, J.V. *see* Christian, P.A. 1-32008
 Waszczak, J.V. *see* DiSalvo, F.J. 1-20953, 1-30907, 1-42943
 Watabe, M. *see* Itoh, M. 1-30704
 Watanabe, A. Synthesis and lattice parameters of rare earth bismuth tungstates, BiLnWO_6 , and their solid solutions 1-20159
 Watanabe, A., Kodama, H. Polymorphic transformations of Bi_2MoO_6 1-39332
 Watanabe, A., Taki, T., Sato, Y., Amako, Y. A new method of observing Doppler-free UV and visible spectra 1-50237
 Watanabe, A. *see* Ikeda, K. 1-13314
 Watanabe, A. *see* Inoue, Z. 1-11732
 Watanabe, A. *see* Mitomo, M. 1-21553
 Watanabe, A. *see* Sakai, T. 1-42554
 Watanabe, D. *see* Hiraga, K. 1-15834
 Watanabe, D. *see* Miida, R. 1-25290
 Watanabe, H., Funato, Y., Nagao, S. Equilibrium and stability of a system with a non-planar magnetic axis 1-11585
 Watanabe, H., Morita, A. A theoretical treatment of the time dependent Kerr effect following a sudden change of a homogeneous electric field of arbitrary strength 1-35014
 Watanabe, H., Nakamura, K., Shimizu, H. A new-type of energy trapping of width-extensional vibrations of piezoelectric plates caused by contributions from the complex branches of dispersion curves 1-43072
 Watanabe, H. *see* Kimura, K. 1-3613

- Watanabe, H. *see* Morita, A. 1-27805
 Watanabe, H. *see* Nishi, Y. 1-25483
 Watanabe, H. *see* Senda, O. 1-5285
 Watanabe, H. *see* Yokoyama, T. 1-17308
 Watanabe, I., Flanagan, J.B., Delahay, P. Vacuum ultraviolet photoelectron emission spectroscopy of water and aqueous solutions 1-3563
 Watanabe, I. *see* Kotake, H. 1-34520
 Watanabe, J. A television image system for light figures and its application to the determination of crystal orientations 1-42268
 Watanabe, J. *see* Okuda, Y. 1-34865
 Watanabe, K. Geological structure and microseismicity in the Hokuriku District 1-27096
 Watanabe, K. Precise measurements of the PVT properties of fluids 1-34455
 Watanabe, K. Two dimensional behavior of solitons of driftwaves or Rossby waves 1-38071
 Watanabe, K. Effect of ultraviolet illumination on DC partial discharge in polyethylene vacancies 1-47705
 Watanabe, K., Allnatt, A.R., Meath, W.J. On the validity and properties of the atom-atom potential as a function of intermolecular separation, configuration, and partial wave order 1-41517
 Watanabe, K., Maeda, S., Yamashina, T., Mathewson, A.G. Changes in roughness factors of 304 and 316L+N stainless steels with ion bombardment and discharge cleaning 1-26339
 Watanabe, K., Sato, K., Obara, M., Fujioka, T. An $H_2(D_2)/F_2$ chemical laser initiated with a novel Teflon surface spark UV flash 1-19352
 Watanabe, K., Sato, Y., Lee, C.H., Obara, M., Fujioka, T. An $H_2(D_2)/F_2$ chemical laser initiated with a novel Teflon surface spark UV flash 1-41726
 Watanabe, K. *see* Akino, Y. 1-41273
 Watanabe, K. *see* Furuchi, S. 1-14384
 Watanabe, K. *see* Ikeda, I. 1-38133
 Watanabe, K. *see* Maeda, S. 1-30535
 Watanabe, K. *see* Mohri, M. 1-26340
 Watanabe, K. *see* Motooka, T. 1-2478
 Watanabe, K. *see* Nakamura, K. 1-7693, 1-7743
 Watanabe, K. *see* Satoh, K. 1-30558
 Watanabe, K. *see* Shibagaki, M. 1-17374
 Watanabe, K. *see* Uyama, T. 1-19919
 Watanabe, K. *see* Yamashina, T. 1-25584
 Watanabe, M. Magnetic resonance studies of hydrogen adsorbed on zinc oxide. I. ESR of conduction electrons in the accumulation layer of zinc oxide 1-12400
 Watanabe, M. The effect of partial contacting of specimens on the abrasion testing of polymers—relating to contact area 1-26694
 Watanabe, M., Ito, T. Magnetic resonance studies of hydrogen adsorbed on zinc oxide. II. Proton NMR of chemisorbed hydrogen and molecular hydrogen adsorbed ionically 1-12409
 Watanabe, M. *see* Indow, T. 1-17382
 Watanabe, M. *see* Kotake, H. 1-2371
 Watanabe, M. *see* Owa, Y. 1-42079
 Watanabe, M. *see* Yasuda, M. 1-43601
 Watanabe, N., Endo, M., Ueno, K. Cathodic discharge of graphite fluoride, $(CF)_n$, prepared from several carbon materials, in lithium organic electrolyte batteries 1-35638
 Watanabe, N., Higashino, I., Oshio, T. An MgF_2 -NO ion chamber with O_2 gas filter as a detector of solar H Lyman- α radiation 1-4768
 Watanabe, N. *see* Arai, M. 1-43373
 Watanabe, N. *see* Ayabe, M. 1-42794
 Watanabe, N. *see* Kasahara, J. 1-21490
 Watanabe, N. *see* Nishiyama, K. 1-11773
 Watanabe, O., Ohtsubo, H. Inelastic flexibility and strain concentration of pipe bends in creep range with plastic effects 1-29578
 Watanabe, R., Nosu, K. Slab waveguide demultiplexer for multimode optical transmission in the 1.0-1.4- μ m wavelength region 1-11166
 Watanabe, R., Nosu, K. New 2-channel multiplexer using polarisation 1-37629
 Watanabe, R. *see* Hiraoka, Y. 1-21509
 Watanabe, R. *see* Kitajima, M. 1-17140
 Watanabe, R. *see* Shikama, T. 1-16971, 1-48585
 Watanabe, S., Alcock, A.J., Leopold, K.E., Taylor, R.S. Spatially resolved gain measurements in UV preionized homogeneous discharge XeCl and KrF lasers 1-46299
 Watanabe, S. *see* Ando, I. 1-51119
 Watanabe, S. *see* Iwata, K. 1-8961
 Watanabe, S. *see* Miyaji, H. 1-48372
 Watanabe, S. *see* Naito, K. 1-35595
 Watanabe, S. *see* Ondoh, T. 1-44384
 Watanabe, T. The growth of tetraoxane crystals from acetone solutions 1-3594
 Watanabe, T. Ni-P binder for TiB₂-based cermets 1-3688
 Watanabe, T. An estimation of the distance of high-velocity H I clouds and the magellanic Stream 1-40540
 Watanabe, T., Mori, C., Aoyama, T., Christmas, P. Dependence of the plateau threshold voltage of a $4\pi\theta$ -proportional counter on filling gas pressure 1-23962
 Watanabe, T., Oda, A., Hojo, H., Nishikawa, K. Numerical study of RF-plugging of plasma particles in a line-cusp magnetic field 1-25020
 Watanabe, T., Saeki, Y. Laue spots and radio-graphic mottling 1-48626
 Watanabe, T., Suzuki, M., Karashima, S. The effect of stress cycling upon grain boundary sliding in zinc bicrystals 1-15908
 Watanabe, T., Uyeda, S., Guzman Roa, J.A., Cabre, R., Kurohuma, H. Report of heat flow measurements in Bolivia 1-44131
 Watanabe, T. *see* Arima, I. 1-15325
 Watanabe, T. *see* Chandrasekaran, S.K. 1-32083
 Watanabe, T. *see* Ishihara, T. 1-1191
 Watanabe, T. *see* Kawamura, K. 1-17143
 Watanabe, T. *see* Mitarai, O. 1-42163
 Watanabe, T. *see* Ogushi, T. 1-16396
 Watanabe, T. *see* Ohnuma, T. 1-11518
 Watanabe, T. *see* Suda, H. 1-43295, 1-47006
 Watanabe, T. *see* Takada, T. 1-30506
 Watanabe, T. *see* Ueda, H. 1-54271
 Watanabe, T. *see* Uyeda, S. 1-44132
 Watanabe, T. *see* Zambresky, L.F. 1-4639
 Watanabe, Y., Fujioka, Y. Studies on the prediction of road traffic noise. II. On the method of estimating the propagation characteristic 1-48936
 Watanabe, Y., Ishimura, K., Sugawara, M. Road traffic noise at a right-angled intersection 1-1762
 Watanabe, Y., Moroi, T. Studies on the prediction of road traffic noise. I. On the calculation model for predicting road traffic noise 1-48935
 Watanabe, Y., Mukoyama, T., Katano, R. Nuclear excitation of ^{176}Lu by positron annihilation 1-41076
 Watanabe, Y., Nose, Y., Sanefuji, S., Yokota, M., Nakamura, M. A method to estimate volume and surface area of organ by two-dimensional echocardiography 1-53840
 Watanabe, Y., Takemoto, Y., Kubozoe, T., Mukoyama, T. Monte-Carlo calculations of the energy distribution of exoelectrons 1-8204
 Watanabe, Y., Yamane, M. Multichannel discharges in low-pressure rare-gas-mercury mixtures caused by anode oscillation 1-42227
 Watanabe, Y. *see* Bartel, W. 1-18500, 1-45253, 1-45254
 Watanabe, Y. *see* Fujimoto, A. 1-18038
 Watanabe, Y. *see* Fujiyama, H. 1-19886
 Watanabe, Y. *see* Ito, K. 1-47081
 Watanabe, Y. *see* Murakami, Y. 1-25200, 1-25466
 Watanabe, Y. *see* Nishiyama, T. 1-42594
 Watanabe, Y. *see* O'Neill, L.H., Jr. 1-50443
 Watanabe, Y. *see* Shiraiishi, T. 1-26997
 Watanabe, Y. *see* Takemoto, Y. 1-26374
 Watanabe, T. *see* Arima, I. 1-15732
 Watarai, S., Matsubara, T. Notes on the two sublattice model of $\text{AgNa}(\text{NO}_3)_2$ 1-3343
 Watari, F. The effect of twinning on particle size broadening in some oxides derived by dehydration reactions 1-30246
 Watari, T. *see* Nishikawa, M. 1-37055
 Watari, W. *see* Kamo, H. 1-582, 1-14410, 1-50457
 Watari, W. *see* Matsuda, M. 1-33196
 Water, W. van de *see* van de Water, W.
 Water, W. van de *see* van de Water, W.
 Waterfield, R.L. Adjusting the orientation of a polar axis 1-40347
 Waterhouse, R.B. *see* Wharton, M.H. 1-26626
 Waterman, H.A. *see* Oosterbroek, M. 1-52211
 Waterman, M.S. *see* Smith, T.F. 1-27303
 Waters, J. *see* Manz, A. 1-14394
 Waters, N.D., Gooden, D.K. The couple on a rotating oblate spheroid in an elasto-viscous liquid 1-15461
 Waters, P.A. *see* Parkes, M.E. 1-36012
 Waters, R.T. *see* Seilm, E.O. 1-20013
 Wathore, T.N. X-ray Debye temperature of sodium chlorate 1-25395
 Watkin, D.J. Pattern recognition in molecules from a general linear transformation 1-15028
 Watkins, A.R. Quenching of aromatic hydrocarbon triplet states by stable carbon free radicals 1-10769
 Watkins, C.L. *see* Vige, G.S. 1-37224
 Watkins, D.E., Phipps, C.R., Jr., Thomas, S.J. Observation of amplified reflection through degenerate four-wave mixing at CO_2 laser wavelengths in germanium 1-41767
 Watkins, D.K. Stimulation of DNA synthesis in bacterial DNA-membrane complexes after low doses of ionizing radiation 1-13289
 Watkins, D.M. *see* Underhill, A.E. 1-34695
 Watkins, D.W. *see* Martin, R.W. 1-26968
 Watkins, G.D., Le Si Dang, Lee, K.M., Choyke, W.J. Optical detection of magnetic resonance for D-A recombination luminescence in 6H-SiC 1-47977
 Watkins, G.D. *see* DeLeo, G.G. 1-47565
 Watkins, G.D. *see* Scott, J.F. 1-48048
 Watkins, G.D. *see* Troxell, J.R. 1-2913
 Watkins, G.M. *see* Auf der Heyde, T.P.E. 1-31142
 Watkins, H.P., Koski, W.S. Heats of formation of the ions BrKr^+ and CH_3BrKr^+ 1-43691
 Watkins, L.S., Frazee, R.E., Jr. High speed measurement of the core diameter of a step-index optical fiber 1-19434
 Watkins, P.M. *see* Corden, M. 1-14429
 Watkins, P.M. *see* Corden, M.J. 1-14428, 1-28352
 Watkinson, L.J. Advances in laser imaging material 1-37574
 Watman, T.H., Pooley, A.S. Crustacean eye fine structure seen with scanning electron microscopy 1-17384
 Watmuff, J.H. *see* Perry, A.E. 1-51781
 Waton, G., Lebrun, J., Candau, S. Study of an acousto-sensitive retina at the base of a liquid crystal 1-24610
 Waton, G. *see* Candau, S. 1-2567
 Waton, G. *see* Smigielski, P. 1-15348
 Watson, A. *see* Hahn, H.L. 1-26925
 Watson, A. *see* Williams, P.F. 1-38177
 Watson, A.A. *see* Linsley, J. 1-44399
 Watson, B.A. *see* Sheppard, J.C. 1-41269
 Watson, B.W. *see* Jones, D.P. 1-13338
 Watson, C.D. *see* Doman, D.R. 1-50874
 Watson, C.S. *see* Spiegel, M.F. 1-39939
 Watson, D.A. *see* Lister, D.H. 1-28735
 Watson, D.B., Morrin, P.C. Initial tree growth in PMMA 1-3330
 Watson, D.C. Alfvén-ion-cyclotron instability in mirror machines 1-29870
 Watson, D.G. *see* Sloan, J.J. 1-8538, 1-43655
 Watson, D.M., Storey, J.W.V., Townes, C.H., Haller, E.E. Far-infrared [O III] line emission from the galactic center 1-22893
 Watson, D.M., Storey, J.W.V., Townes, C.H., Haller, E.E., Hansen, W.L. Detection of $\text{CO } J=21-20$ (124.2 μm) and $J=22-21$ (118.6 μm) emission from the Orion Nebula 1-9629
 Watson, D.R. *see* Ward, W.D. 1-24594
 Watson, E. *see* Alkofer, O.C. 1-45773
 Watson, E.B. Apatite and phosphorus in mantle source regions: an experimental study of apatite/melt equilibria at pressures to 25 kbar 1-32395
 Watson, E.B. Diffusion in magmas at depth in the Earth: the effects of pressure and dissolved H_2O 1-54023
 Watson, E.B. *see* Takata, M. 1-42568
 Watson, F.G. Recent developments in optical astronomy 1-9391
 Watson, F.G. *see* Zoller, U. 1-36473
 Watson, H.E. *see* Cullen, W.H. 1-43478
 Watson, J. The origin and history of the Kapuskasing structural zone, Ontario, Canada 1-40082
 Watson, J., Adrain, R.S., Richards, P.H., Maitland, A. Electron temperature measurements in laser produced plasmas suitable for spectrochemical analysis 1-42213
 Watson, J., Downes, E.M. Treatment of delayed union in long bones using pulsed magnetic fields 1-13304
 Watson, J. *see* Adrain, R.S. 1-31958
 Watson, J.D. *see* Gunderson, R.W. 1-49434
 Watson, J.K. *see* Huijter, E. 1-52811
 Watson, J.K. *see* Lai, F.S. 1-12338
 Watson, J.K.G. Predissociation spectrum of an excited electronic state of the H_3 molecule 1-17048
 Watson, J.K.G. *see* Brown, J.M. 1-10760
 Watson, J.K.G. *see* Herzberg, G. 1-1249
 Watson, J.T., Ehn, D.C. Integrated sensing and control system for a large, deployable, wide-field optical system 1-46497
 Watson, J.T.R., Basu, R.S., Sengers, J.V. An improved representative equation for the dynamic viscosity of water substance 1-46840
 Watson, J.T.R. *see* Basu, R.S. 1-29820
 Watson, J.V. *see* Brown, G.C. 1-32401
 Watson, J.W. *see* Anderson, B.D. 1-41109
 Watson, J.W. *see* Knudson, J.N. 1-14462
 Watson, K. Direct computation of the sensible heat flux 1-4570
 Watson, L.T., Wang, C.Y. A homotopy method applied to elastica problems 1-18017
 Watson, M.G. *see* Steiner, R.J. 1-9735
 Watson, N.E. *see* Cowan, R.J. 1-32239
 Watson, R.D. *see* McFarlane, J.C. 1-13219
 Watson, R.D. *see* Stamford, P.A. 1-17848
 Watson, R.L. *see* Langenberg, A. 1-10686, 1-51155
 Watson, R.T. *see* Sander, S.P. 1-39592
 Watson, W. *see* Dick, E.P. 1-38949
 Watson, W.D., Elitzur, M., Bieniek, R.J. An analysis of collisional vibrational excitations and the astrophysical SiO maser phenomenon 1-9354
 Watson, W.D., Western, L.R., Christensen, R.B. A new, dielectric-like recombination process for low temperatures and the radio recombination lines of carbon 1-27363
 Watson, W.D. *see* Blake, D.H. 1-9639
 Watt, I. *see* Jackson, P.C. 1-53862
 Watt, R.G., Pietrzyk, Z.A. Measurements of stimulated Raman scattering from magnetically confined underdense plasmas 1-46888
 Watteau, J.-P. *see* Dautray, R. 1-50934
 Watters, J.F. *see* Carpenter, G.J.C. 1-27942, 1-42423
 Watters, S.P. *see* Mingtong Chang 1-54226
 Watterson, R.L. *see* Siegrist, M.R. 1-19364
 Watton, A. *see* Pratt, J.C. 1-7965
 Watts, A. *see* McKenzie, D. 1-22318

- Watts, A.B., Bodine, J.H., Steckler, M.S. Observations of flexure and the state of stress in the oceanic lithosphere 1-27117
- Watts, A.B. *see* Steckler, M.S. 1-9135
- Watts, D.R., Van der Voo, R., French, R.B. Palaeomagnetic investigation of the Cambrian Waynesboro and Rome Formations of the Valley and Ridge Province of the Appalachian Mountains 1-22216
- Watts, D.R., Van der Voo, R., Reeve, S.C. Cambrian paleomagnetism of the Llano uplift, Texas 1-22215
- Watts, E.J. *see* Whittaker, A.G. 1-44514
- Watts, H.A. *see* Hickox, C.E. 1-24792
- Watts, J.G. *see* Williams, C.A. 1-40344
- Watts, J.K., Harper, D.W. Light conductors for industrial applications 1-11094
- Watts, J.W. *see* Vessot, R.F.C. 1-27855
- Watts, R.G. Climate models and CO₂-induced climatic changes 1-17684
- Watts, R.O. *see* Coker, D.F. 1-53403
- Watts, R.O. *see* Gaylor, K.J. 1-21793
- Watts, R.S. *see* Jamieson, M.J. 1-28847
- Watts, S.J., Bugg, D.V., Carter, A.A., Coupland, M., Eisenhandler, E., Gibson, W.R., Kalmus, P.I.P., Sandhu, H., Astbury, A., Grayer, G.H., Robertson, A.W., Shah, T.P., Sutton, C. Polarization in K⁺ charge exchange scattering between 0.851 GeV/c and 1.351 GeV/c 1-5648
- Watts, S.J., Bugg, D.V., Carter, A.A., Coupland, M., Eisenhandler, E., Gibson, W.R., Kalmus, P.I.P., Sandhu, H., Astbury, A., Grayer, G.H., Robertson, A.W., Shah, T.P., Sutton, C. Polarization in K⁺ charge exchange scattering between 0.851 GeV/c and 1.351 GeV/c 1-23518
- Watts, T. Plate tectonics: where is it going? 1-27145
- Watts, W.A., Stuiver, M. Late Wisconsin climate of Northern Florida and the origin of species-rich deciduous forest 1-49391
- Watts, W.G. *see* Johnson, F. 1-44039
- Wauer, J. Cellular convection at an oscillating temperature difference 1-37936
- Waugh, A.B. *see* Taylor, J.C. 1-38348
- Waugh, A.R. Current-dependent energy spectra of cluster ions from a liquid gold ion source 1-8202
- Waugh, A.R. *see* Wood, J.V. 1-21436
- Waugh, J.B. Conic skew-ray tracing with the TI-59 1-19401
- Waugh, J.S. *see* Suwelack, D. 1-21082, 1-31039
- Waugh, R.E., La Celle, P.L. Abnormalities in the membrane material properties of hereditary spherocytes 1-22048
- Waugh, W. *see* Johnson, F. 1-43889
- Wautetel, M. Diffusion of electrons and holes in semiconductors under conditions of gradients of lattice temperature and carrier concentration 1-42786
- Wautetel, M., Faily-Lovato, M., Laude, L.D. Dangling bonds in Si and Ge during laser irradiation 1-12060
- Wautetel, M. *see* Laude, L.D. 1-15212
- Wauters, J. *see* Heremans, K. 1-41528
- Wawryszczuk, J. *see* Goworek, T. 1-11788
- Waxman, A.D. *see* Chapman, D.H. 1-17477
- Way, M. *see* Lomanno, F. 1-14426
- Way, M. *see* Wise, J. 1-28316
- Way, M.E. *see* Brown, T.D. 1-17428
- Wayman, C.M. Some applications of shape-memory alloys 1-26457
- Wayman, C.M. *see* Tadaki, T. 1-2395
- Wayman, C.M. *see* Wakasa, K. 1-48345, 1-48352
- Wayman, M.L. *see* Szklar, K.E. 1-39337
- Wayman, P.A. (editor) Transactions of the International Astronomical Union. Vol. XVIIIB. Proceedings of the Seventeenth General Assembly 1-40604
- Wayne, F. *see* Rice, S.L. 1-21593
- Wayne, R.P. A pressure gauge for highly reactive gases 1-40809
- Wayne, R.P. *see* Mitchell, D.N. 1-13024
- Wayne, S.F. *see* Rice, S.L. 1-12883, 1-48519
- Wayner, P.C., Jr. Interfacial profile in the contact line region of a finite contact angle system 1-16146
- Waysand, G. *see* Behar, J. 1-8978
- Wayte, R.C. *see* Blades, J.C. 1-27592
- Waza, T. *see* Kurita, K. 1-49264
- Wdowczyk, J. *see* Giler, M. 1-22642
- Wdowiak, T.J. Laboratory production of candidates for the diffuse interstellar bands 1-21696
- Wdowiak, T.J. *see* Bauman, R.P. 1-44740
- Weaire, D. Interpretation of the IR absorption band of CO adsorbed on Ru(001) 1-48093
- Weaire, D., Taylor, J.C. Vibrational properties of amorphous solids 1-38487
- Weaire, D. *see* Lambert, C.J. 1-12070
- Wearden, T. Test equipment for optical fibre installations 1-19478
- Wearden, T. Testing optical fibres 1-33837
- Wearn, R.B., Baker, D.J., Jr. Bottom pressure measurements across the Antarctic Circumpolar Current and their relation to the wind 1-54096
- Weast, T.E., Shannon, L.J., Ananth, K.P. Study of thermal energy storage using fluidized bed heat exchangers 1-53687
- Weatherford, C.A. Excitation of the $\beta^+_{\text{Si}}^+$ state of H₂ by electron impact: semiclassical exchange potentials at intermediate energies 1-19199
- Weatherill, N.P. *see* Craine, R.E. 1-24895
- Weatherly, G.C. *see* Maak, P.Y.Y. 1-8250
- Weatherly, G.C. *see* Sargent, C.M. 1-2466
- Weathers, M.S. *see* Kholstedt, D.L. 1-27113
- Weaver, B.L., Tarney, J. Rare earth geochemistry of Lewisian granulite-facies gneisses, northwest Scotland: implications for the petrogenesis of the Archaean lower continental crust 1-32393
- Weaver, B.L., Tarney, J. Chemical changes during dyke metamorphism in high-grade basement terrains 1-32439
- Weaver, G.H. *see* Campagna, M. 1-48232
- Weaver, H.A. *see* Clarke, J.T. 1-13724
- Weaver, H.T. Comparison of solar cell performance to calculations using different energy band-gap narrowing models 1-39767
- Weaver, H.T., Nasby, R.D., Garner, C.M. Effects of design and process variations on silicon concentrator solar cell performance 1-43777
- Weaver, J.H., Bradshaw, A.M., van der Veen, J.F., Himpel, F.J., Eastman, D.E., Politis, C. Angle-resolved photoemission studies of TiC(111) and TiC(100) 1-26367
- Weaver, J.H., Franciosi, A., Wallace, W.E., Smith, H.K. Electronic structure and surface oxidation of LaNi₅, ErMn₃, and related systems 1-38708
- Weaver, J.H., Peterman, D.J., Peterson, D.T., Franciosi, A. Electronic structure of metal hydrides. IV. TiH₃, ZrH₃, HfH₃, and the FCC-FCT lattice distortion 1-48233
- Weaver, J.H., Peterson, D.T. Photoelectron spectroscopy study of the bulk band structure of FeTi 1-20616
- Weaver, J.H., Peterson, D.T. Electronic structure studies of metal hydrides 1-20623
- Weaver, J.H. *see* Lynch, D.W. 1-26232
- Weaver, J.H. *see* Peterman, D.J. 1-21157
- Weaver, K.A. *see* Berkley, L.W. 1-8990
- Weaver, L., Ardell, A.J. The formation of Pd₃W in proton irradiated palladium-rich Pd-W alloys 1-2535
- Weaver, L.E. *see* Belbidi, L.A. 1-50744
- Weaver, M.J. *see* Harrison, G.F. 1-35391
- Weaver, S.E., Binns, B.W., Ralston, L.M. Transparent electrophotographic film evaluations for high performance data recording 1-45052
- Weaver, T.A. *see* Woosley, S.E. 1-54335
- Weaver, W.L., Green, R.N. Simulation study of geometric shape factor approach to estimating earth emitted flux densities from wide field-of-view radiation measurements 1-13462
- Weaver, W.W. *see* Enzina, R.S. 1-5927
- Webb, A.P., Brewer, R., Stuessi, H., Veprek, S. Further results on the erosion of carbon materials by hydrogen plasma 1-24997
- Webb, A.P. *see* Veprek, S. 1-39168
- Webb, A.R., Roberts, B. Vertical motions in an intense magnetic flux tube. IV. Radiative relaxation in a uniform medium 1-22761
- Webb, A.R., Roberts, B. Vertical motions in an intense magnetic flux tube. V. Radiative relaxation in a stratified medium 1-22762
- Webb, C. *see* Lichtensteiger, M. 1-2820
- Webb, C.E. *see* Hogan, D.C. 1-24430
- Webb, C.E. *see* Kearsley, A.J. 1-29269
- Webb, D. *see* Gergely, T.E. 1-4899
- Webb, D.F., Zirin, H. Coronal loops and active region structure 1-54461
- Webb, G.A. *see* Blair, T. 1-24041
- Webb, G.M. *see* Gleeson, L.J. 1-49460
- Webb, J.A.C., Bell, T.K., Grebbell, F.S. A colour video enhancement terminal for computerised tomography 1-49122
- Webb, J.B. *see* Samoc, M. 1-2957, 1-25755
- Webb, J.D., Swift, K.M., Bernstein, E.R. Vibronic assignments and vibronic coupling in the ¹E^u state of sym-triazine by two photon spectroscopy 1-37176
- Webb, J.P. Compton suppression of the precision gamma scanner at the Hot Fuel Examination Facility 1-50776
- Webb, J.P., Ferrari, R.L. A finite element method for solving some three-dimensional electromagnetic field problems 1-24329
- Webb, M.J.W. Improvements that facilitate the operation of the Corinth 275 electron microscope 1-387
- Webb, M.P. *see* Dyer, P. 1-5686
- Webb, M.P. *see* Young, G.R. 1-14534
- Webb, R.C. *see* Gilbert, R.M. 1-33813
- Webb, R.H., Hughes, G.W. Flying spot television ophthalmoscopy 1-32228
- Webb, R.H., Hughes, G.W., Pomerantzef, O. Flying spot TV ophthalmoscopy 1-8943
- Webb, T.H. *see* Baggeley, W.J. 1-9321
- Webb, W.W. *see* Chan, W.K. 1-34464, 1-52062
- Webber, C.E. *see* Cousins, T. 1-22118
- Webber, C.E. *see* Kerr, S.A. 1-26992
- Webber, D.M. *see* Robson, D. 1-28198
- Webber, G.D., Riedi, P.C. Unique temperature dependence of the hyperfine field of ¹⁹⁷Au in iron at constant volume 1-30689
- Webber, H.C. *see* Rodway, D.C. 1-21603
- Webber, J.C., Yang, K.S., Swenson, G.W., Jr. Observations of variable radio sources at 18-cm wavelength. III. 1973-1979 1-22910
- Webber, J.C. *see* Jewell, P.R. 1-44568
- Webber, P.J. *see* Savage, J.A. 1-41798
- Webeler, R.W.H., Ferrante, R.F., Stwalley, W.C. The University of Iowa apparatus for production of stabilized atomic hydrogen 1-268
- Webeler, R.W.H. *see* Stwalley, W.C. 1-1079
- Weber, A. Ro-vibronic species, overall allowed species, and nuclear spin statistical weights for symmetric top molecules belonging to the D_{nd} and D_{nh} (n ≤ 6) point-groups 1-10756
- Weber, A.H., Blanton, J.O. Monthly mean winds fields for the South Atlantic Bight 1-54123
- Weber, C. *see* Fourniguet, J. 1-54013
- Weber, C.F., Cacuci, D.G., Parks, C.V. Applications of differential sensitivity theory for problems with discontinuities 1-10455
- Weber, C.F. *see* Cacuci, D.G. 1-10430
- Weber, C.F. *see* Parks, C.V. 1-45695
- Weber, D. *see* Bebek, C. 1-33191
- Weber, D. *see* Chadwick, K. 1-33192
- Weber, D. *see* Crawley, G.M. 1-41036
- Weber, D. *see* Kovacs, S.G. 1-13351
- Weber, D.C. *see* Brant, P. 1-29036
- Weber, E.J., Buchau, J., Moore, J.G. Airborne studies of equatorial F layer ionospheric irregularities 1-13631
- Weber, E.T. *see* Krupar, J.J. 1-50875
- Weber, E.W., Jungmann, K. Influence of elastic and inelastic collisions on density shift and broadening 1-37350
- Weber, G. The effect of high pressures upon protein-ligand complexes 1-41529
- Weber, G. *see* Bartel, W. 1-18500, 1-45253, 1-45254
- Weber, G. *see* Knoll, L. 1-14859
- Weber, G. *see* Lakowicz, J.R. 1-8802
- Weber, G. *see* O'Neill, L.H., Jr. 1-50443
- Weber, G. *see* Zimmermann, J. 1-47009
- Weber, G.W., Bitler, W.R., Stubican, V.S. Diffusion of ⁵¹Cr in Cr-doped MgO 1-30475
- Weber, H., Lutze, H., Zimmermann, P., Hofer, U. The effect of the machining parameters on the residual stresses due to machining 1-8521
- Weber, H. *see* Dinger, R. 1-25008
- Weber, H. *see* Rudolph, W. 1-6621
- Weber, H.-C. *see* Bamberger, A. 1-14417
- Weber, H.G. *see* Kompitsas, M. 1-51277
- Weber, H.J. Bag-model quantum chromodynamics at low energy 1-10329
- Weber, H.J., Maslow, J.N. Bag-model quantum chromodynamics for hyperons at low energy 1-10249
- Weber, H.P. *see* Salathe, R.P. 1-21285
- Weber, H.W. *see* Giesinger, N. 1-42928
- Weber, J. The search for gravitational radiation 1-18141
- Weber, J. Exchange of energy with large numbers of particles 1-44838
- Weber, J. New method for increase of interaction of gravitational radiation with an antenna 1-50030
- Weber, J., Conzelmann, H., Sauer, R. Systematics of silicon acceptor bound excitons in magnetic and uniaxial stress fields 1-47484
- Weber, J., Lacroix, R., Wanner, G. The eigenvalue problem in configuration interaction calculations: a computer program based on a new derivation of the algorithm of Davidson 1-19036
- Weber, J., Wagner, P. Photoluminescence from deep states associated with iron in silicon 1-48137
- Weber, J. *see* Daul, C.A. 1-41317
- Weber, J. *see* Ivanovsky, A.I. 1-30628
- Weber, J. *see* Kinder, H. 1-16166
- Weber, J. *see* Lacroix, R. 1-3427
- Weber, J.W. *see* Makenas, B.J. 1-45614
- Weber, K.C. *see* Frazer, D.G. 1-13280
- Weber, K.H., Luchner, K. The frequency dependence of phonon interactions at Terahertz-frequencies studied by time-resolved phonon spectroscopy 1-34442
- Weber, K.-H. *see* Hotop, R. 1-41356
- Weber, M.E. *see* Bhaga, D. 1-51846
- Weber, M.J. Optical properties of laser glass 1-1661
- Weber, M.J. Glass for neodymium fusion lasers 1-29360
- Weber, M.J., Brawer, S.A., DeGroot, A.J. Site-dependent decay rates and fluorescence line narrowing of Mo³⁺ in phosphate glass 1-39148
- Weber, M.J. *see* Griscorn, D.L. 1-31019
- Weber, M.J. *see* Pellegrino, J.M. 1-43141
- Weber, M.J. *see* Williams, R.T. 1-31166
- Weber, P. *see* Berthel, K.-H. 1-47804
- Weber, P.G. *see* Gheorghiu, G.E. 1-15626
- Weber, R. With PHENIX out of the ashes 1-14690
- Weber, R., Kern, J., Kiebele, U., Pinston, J.-A., Aas, B., Beltrami, I., Bernold, T., Bongardt, K., Ledebur, T.V., Leisi, H.J., Ruckstuhl, W., Strasser, G., Vacchi, A. Spectroscopic quadrupole moment of ²⁷Al from muonic X-rays 1-33216

- Weber, R.H. *see* Glad, D.S. 1-36737
 Weber, T. *see* Ghirardi, G.C. 1-5131
 Weber, T.A., Helfand, E. Condensation induced in simulations of n-octane-like fluids 1-38522
 Weber, T.A. *see* Stillinger, F.H. 1-20105
 Weber, W. *see* Haberland, H. 1-10780
 Weber, W. *see* Henne, R. 1-53637
 Weber, W. *see* Simons, A.L. 1-52503
 Weber, W.H., Ford, G.W. Optical electric-field enhancement at a metal surface arising from surface-plasmon excitation 1-52952
 Weber, W.H. *see* Eagen, C.F. 1-10770
 Weber, W.J. Turbulence in fast-mode shocks as a triggering mechanism in a solar flare 1-54462
 Weberberger, H. *see* Orniig, H. 1-3173
 Webbers, J. Introduction to copier techniques. XX 1-28080
 Webman, I., Lebowitz, J.L., Kalos, M.H. Elastic properties of a polymer chain 1-26528
 Webman, I., Lebowitz, J.L., Kalos, M.H. Static properties of free and constrained polymer chains 1-38235
 Webster, A.R., Lam, W.I. Microwave angle-of-arrival measurements under anomalous tropospheric propagation conditions 1-54165
 Webster, A.R., Ueno, I. Tropospheric microwave propagation—an X-band diagnostic system 1-4574
 Webster, C.C. *see* Ford, W.E., III 1-10464
 Webster, C.R., Woste, L., Zare, R.N. Narrow-band UV radiation (250-260 nm) from intracavity doubling a single-mode ring dye laser 1-24436
 Webster, C.R. *see* Dixon, R.N. 1-10745
 Webster, D., Baugher, J.F., Lim, B.T., Lim, E.C. 'Fast' triplet excimer formation in fluid solutions of dinaphthylalkanes 1-33587
 Webster, D.S. *see* Lynch, L.J. 1-21071
 Webster, E., Chester, M., Webster, G.D.L., Oesterich, T. Experiments on superfluidity in ^3He - ^4He mixture films 1-25525
 Webster, G.D.L. *see* Webster, E. 1-25525
 Webster, G.R. *see* Klinman, R. 1-43625
 Webster, J.G. *see* Plaut, D.I. 1-8929, 1-8931
 Webster, J.G. *see* Potvin, A.R. 1-32816
 Webster, J.G. *see* Thakor, N.V. 1-32285
 Webster, J.M. *see* Tozer, B.A. 1-41646, 1-45715
 Webster, M. *see* Manz, A. 1-14394
 Webster, M.S. *see* Bergier, A. 1-10275
 Webster, P.J. *see* Brown, P.J. 1-45761
 Webster, P.M., Loring, S.H., Butler, J.P., Hopkin, F.G., Jr. Lung recoil during rapid vital capacity expirations simulated by gas compression 1-17423
 Webster, R. A power perturbation technique for the measurement of fuel-to-coolant heat transfer coefficients in fast reactors 1-23732
 Webster, S.H. *see* Sikdar, S.K. 1-409
 Webster, W.H., Jr., Yao, N.P. Progress and forecast in electric vehicle batteries 1-53605
 Webster, W.J., Jr., Miller, W.H., Whitley, R., Allenby, R.J., Dennison, R.T. A seismic signal processor suitable for use with no NOAA/GOES satellite data collection system 1-54250
 Weckstrom, K. *see* Stahlberg, B. 1-10986
 Weckung, G.W. *see* Kruger, R.P. 1-48644
 Weddigen, C. *see* Foroughi, F. 1-28339
 Weddigen, Ch. *see* Besset, D. 1-10375
 Weddigen, Ch. *see* Simonini, M. 1-24004
 Wedekind, G.L. *see* Bhatt, B.L. 1-38001
 Wedell, R. Comparison of the Kumakhov radiation in channeling with other types or radiation 1-52203
 Wedemeyer, R. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Wedepohl, K.H. *see* Heinrichs, H. 1-40095
 Weder, R. Rigorous results on the Yang-Mills-Higgs equations 1-45107
 Weder, R. *see* Castagnino, M. 1-50025
 Wedgwood, A. *see* Fournier, J.M. 1-47860
 Wedig, U. *see* Preuss, H. 1-51101
 Wedig, W. On the integration of stochastic dynamical systems with piecewise linear characteristics 1-9926
 Wedig, W. Model and integral covariance methods of hybrid systems 1-32835
 Wedinger, R. *see* le Noble, W.J. 1-50115
 Wedler, G., Alshorachi, G. The influence of thickness on the resistivity, the temperature coefficient of resistivity and the thermoelectric power of evaporated palladium films at 77K and 273K 1-30848
 Wedler, G., Steidl, G., Borgmann, D. Adsorption and isotropic exchange of nitrogen on polycrystalline iron films between 273 and 600K 1-25571
 Wedler, H. *see* Niedermeyer, H. 1-25040
 Wee Woo, DeGroot, J.S., Barnes, C. Rippling of the critical surface by four-wave processes in a laser-irradiated plasma 1-19893
 Wecksteen, G. Examples of the application of teleredaction to geological cartography and mining research 1-9272
 Weedman, D.W. *see* Balzano, V.A. 1-54612
 Weedman, D.W. *see* Coleman, G.D. 1-9669
 Weedman, D.W. *see* Vaucher, B.G. 1-9708
 Weekes, T.C. *see* Cook, A.F. 1-27432
 Weekes, T.C. *see* Danaher, S. 1-44672
 Weekes, T.C. *see* Peterson, D.M. 1-54569
 Weeks, G.E., Cost, T.L. Complex stress response and reliability analysis of a composite elastoviscoelastic missile configuration using finite elements 1-1827
 Weeks, I.F. *see* Porter, L.D. 1-32367
 Weeks, J.D. The roughening transition 1-11968
 Weeks, J.D. *see* Chui, S.T. 1-52444
 Weeks, J.D. *see* Shugard, W.J. 1-23123
 Weeks, K.J. *see* Tamura, T. 1-617, 1-50532
 Weeks, R.A., Gastineau, J., Sonder, E. Distribution of Fe^{3+} in iron-doped MgO single crystals 1-7205
 Weeks, R.A., Magruder, R.H., III, Kinser, D.L. The effect of OH on UV optical absorption of reduced GeO_2 glasses 1-31173
 Weeks, R.A., Sonder, E. Electrical conductivities at elevated temperatures of MgO single crystals doped with Fe, Cr, Ni, and Li 1-42778
 Weeks, R.A. *see* Woosley, J.D. 1-3017
 Weeks, R.W. *see* Long, F.M. 1-32333
 Weeks, W.F. *see* Baker, D.J., Jr. 1-13562
 Weelden, H.van *see* van Weelden, H.
 Weerheijm, H., de Keijser, Th.H., Meijer, H.D.F. Device for deformation-free electrolytic etching of thin specimens 1-40769
 Weert, C.G.van *see* van Weert, C.G.
 Weertman, J.R. *see* Kikuchi, M. 1-2468
 Weertman, J.R. *see* Page, R. 1-3917, 1-12863, 1-53284
 Weertman, J.R. *see* Saegusa, T. 1-8350
 Wees, H.J.A.van *see* Van Wees, H.J.A.
 Weghaupt, T. *see* Saile, V. 1-3566
 Wegener, D. Quantum number effects in events with a charged particle at large transverse momentum (charge correlations in jets) 1-10285
 Wegener, H. *see* Niczyporuk, B. 1-33175, 1-50421, 1-50447
 Wegener, W. A computer orientated calculation method of the Nernst-Einstein relation in the presence of an electric field 1-42562
 Wegener, W. *see* Vorderwisch, P. 1-20339
 Wegener, W.A., Dowben, R.M., Koester, V.J. Diffusion coefficients for segmentally flexible macromolecules: general formalism and application to rotational behavior of a body with two segments 1-15048
 Wegener, W.A. *see* Louisell, W.H. 1-10970
 Weger, M. Theory of the electrical conductivity of organic metals 1-42759
 Weger, M. *see* Brokman, A. 1-25733
 Weger, M. *see* Gutfreund, H. 1-30733
 Weger, M. *see* Hartstein, C. 1-34473
 Weglein, A.B., Silvia, M.T. Scattering theory approach to the identification of the Helmholtz equation: A nearfield solution 1-46628
 Weglein, A.B. *see* Silvia, M.T. 1-46627
 Wegley, H.L. *see* Ramsdell, J.V. 1-31980
 Weglinski, B., Kaczmar, J. Effect of Fe_3P addition on magnetic properties and structure of sintered iron 1-52805
 Weglinski, B. *see* Rutkowski, W. 1-39476
 Wegmann, G. Servohydraulic biaxial test bed, power- and travel-regulated and computer-controlled 1-31790
 Wegmann, H., Huenges, E., Muthig, H., Morinaga, H. Acceleration of tritons with a compact cyclotron 1-28757
 Wegmann, H.-D. *see* Kostrzewa, S. 1-48790
 Wegmann, H.M., Herrmann, R., Winget, C.M. Bionstrumentation for evaluation of workload in payload specialists: results of ASSESS II 1-49133
 Wegmann, R. *see* Schmidt, H.U. 1-4824
 Wegner, F. Disordered electronic system as a model of interacting matrices 1-30679
 Wegner, F. *see* Schafer, L. 1-12058
 Wegner, F.J. Relations between non-linear σ -models of various symmetries 1-40931
 Wegner, F.J. *see* Houghton, A. 1-20693
 Wegner, G. A new gravitational redshift for the white dwarf of Eri B 1-9484
 Wegner, G. Twelve minute light variations in the peculiar star HD 101065 1-27543
 Wegner, G. Introductory lecture: solid-state polymerization 1-43667
 Wegner, G. On the kinematics and ages of wide binaries containing a white dwarf 1-54546
 Wegner, G. *see* Eichele, H. 1-34941
 Wegner, G. *see* Lochner, K. 1-52598
 Wegner, G. *see* Schulz, H. 1-54494
 Wegner, H.E. *see* Golovchenko, J.A. 1-38418
 Wehe, D.K., Flint, K.P., King, J.S. Thermal flux distributions from rhodium SPND in research reactors 1-28536
 Wehe, D.K., King, J.S., Fleming, R.F., Carpenter, J.M. Inverse kinetics analysis of rhodium SPND for thermal flux mapping 1-50731
 Wehinger, P.A. *see* Wyckoff, S. 1-9709, 1-49847
 Wehlau, A. *see* Staggs, C. 1-9513
 Wehrhahn, C., Hausen, K. How is tracking and fixation accomplished in the nervous system of the fly? A behavioural analysis based on short time stimulation 1-22008
 Wehring, B.W., Lee, S., Swift, G., Strittmatter, R. Light-fragment independent yields for thermal-neutron fission of ^{235}U 1-50669
 Wehring, B.W. *see* Lee, S. 1-50670
 Wehrse, R. *see* Schmid-Burgk, J. 1-44558
 Wei, F.Y. *see* Hung, M.P. 1-53095
 Wei, L.Y. General formula for the incidence factor of a solar heliostat receiver system 1-8667
 Wei, P.S. *see* Barber, D.P. 1-534
 Wei, P.S.P. *see* Sandstrom, D.R. 1-31228
 Wei, R.P., Fenelli, N.E., Unangst, K.D., Shih, T.T. Fatigue crack growth response following a high-load excursion in 2219-T851 aluminum alloy 1-43514
 Wei, T.Y.C., Sevy, R.H. Neutron streaming effects during a GCFR HCDA—mitigation possibilities 1-5970
 Wei Cheng-lian, Dong Yu-lan, Gao Zhi-wei A new phenomenon about the [111] planar particles blocking dip in single crystal Si 1-20281
 Wei Ching-Yeu *see* Ching-Yeu Wei
 Wei Chingbin *see* Qui Zhuxian 1-52392
 Wei Chou Tsu *see* Tsu Wei Chou
 Wei Kai-Yu The parameters and electrical tolerance analysis for the single buncher systems 1-41267
 Wei Kai-yu, Lin Zhen-hua A computational method for the design of low energy high intensity beam transport systems 1-18939
 Wei Mein Sieng *see* Mein Sieng Wei
 Wei Nien-Chih *see* Nien-Chih Wei
 Wei Qing-Yun, Li Dong-Jie, Cao Guan-Yu, Zhang Wei-Xi, Wang Shuang-Ping Archaeomagnetic research of Jiangzhi relic, Neolithic epoch 1-49199
 Wei Shen *see* Yu Min Cheng 1-37449
 Wei Xiu-Bin *see* Liu De-Min 1-49091
 Wei-bao Li *see* Li Wei-bao
 Wei-cheng Wang *see* Wang Wei-cheng
 Wei-Chung Chen, Walker, T.P., Feldman, B.J. Luminescence decay in spray-pyrolyzed CdS 1-43202
 Wei-fang Wu *see* Wu Wei-fang
 Wei-Mou Zheng *see* Zheng Wei-Mou
 Wei-Qin Zhao *see* Zhao Wei-Qin
 Wei-ren, S. A superior broadband AR coating 1-15235
 Wei-Tsong Wu Display of the underwater sound wavefront using the theory of holographic interference 1-46629
 Wei-Xi Zhang *see* Zhang Wei-Xi
 Wei-yi Jia *see* Jia Wei-yi
 Wei-Yuan Wang *see* Wang Wei-Yuan
 Wei-zhi Huang *see* Huang Wei-zhi
 Weibel, E.S. *see* Festau-Barrois, M.C. 1-11555
 Weibel, E.S. *see* Hollenstein, Ch. 1-29874
 Weibezahl, K.F., Sexauer, C., Coquerelle, T. Negation pion irradiation of mammalian cells. III. A comparative analysis of DNA strand breakage, repair and cell survival after exposure to π -mesons and X-rays 1-22067
 Weible, M.L. *see* Nelson, S.P. 1-4584
 Weichert, D.H. Estimation of the earthquake recurrence parameters for unequal observation periods for different magnitudes 1-32364
 Weichman, F.L. *see* Berezin, A.A. 1-43767
 Weichuan Chiao, Rumin Liu, Pingzi Shen The absolute measurement of the ampere by means of NMR 1-36603
 Weick, D. *see* Hosemann, R. 1-34242
 Weid, J.P.von der *see* von der Weid, J.P.
 Weidel, E. Access couplers for back scatter measurements 1-19457
 Weidel, E., Wengel, J. T-couplers for optical data transmission 1-19473
 Weidel, E. *see* Bohm, K. 1-41860
 Weidemuller, W. Operating experiences with air-to-water heat pumps for alternate dual-source operation 1-43790
 Weiden, N. *see* Hashimoto, M. 1-7974
 Weidenhammer, F. Instability regions of a damped oscillator with almost-periodic parametrical excitation 1-9827
 Weidenmuller, H.A. Transport description of heavy-ion reactions 1-14549
 Weidenmuller, H.A. Transport theories of heavy-ion reactions 1-28497
 Weidenmuller, H.A. *see* Grange, P. 1-14560, 1-50618
 Weidenmuller, H.A. *see* Harney, H.L. 1-14522
 Weider, B. *see* Vogel, J. 1-44871
 Weidlein, J. *see* Benz, K.W. 1-48269
 Weidman, C.D., Krider, E.P. Submicrosecond risetimes in lightning return-stroke fields 1-36032
 Weidman, R.S. *see* Collins, T.C. 1-20633
 Weidner, D.J. *see* Levien, L. 1-42350
 Weidner, V.R. *see* Hsia, J.J. 1-26183
 Weidner, W.J. *see* Jones, T.A. 1-4291
 Weigel, D. *see* Berar, J.F. 1-28146
 Weigel, F., Werner, G.D., Kalus, C. The crystal structure of dicesium neptunyl chloride, $\text{Cs}_2\text{NpO}_4\text{Cl}_4$ 1-47061
 Weigelt, G.P. Spatial and temporal properties of speckle interferograms 1-41581
 Weigert, A. *see* Smeyers, P. 1-27487, 1-54475
 Weightman, P., Andrews, P.T. The Pd Auger spectra of $\text{Mg}_{25}\text{Pd}_{25}$, $\text{Al}_{60}\text{Pd}_{20}$ and Pd and their dependence on band structure 1-12627

- Weightman, P., Andrews, P.T. The $\text{PdM}_4\text{N}_4\text{S}_4$ Auger spectra of AgPd alloys 1-12628
- Weightman, P. see Holton, I.R. 1-31309
- Weigmann, H. see Wagemans, C. 1-36970
- Weigmann, W. see Dingle, R. 1-12186
- Weigmann, W. see Pinczuk, A. 1-16355
- Weigmann, W. see Weisbuch, C. 1-16353
- Weigold, E. (c.2e) type experiment 1-51299
- Weigold, E. see Brion, C.E. 1-6317
- Weigold, E. see Brooks, H.L. 1-37342
- Weigold, E. see Suzuki, I.H. 1-1392
- Weigt, D. see Pfrotzschner, G. 1-26524
- Weiber, J. see Dubin, S. 1-13346
- Weihnscht, M. see Franke, K. 1-38638
- Weihrecht, E., Hartrott, M.V., Quittmann, D., Rossbach, J., Willeke, F. Short range order and quadrupolar nuclear spin relaxation in liquid alloys 1-31072
- Weihreter, E. see Simonssohn, G. 1-5055
- Weil, G. see Pinceaux, J.P. 1-34421
- Weil, H., Chu, C.M. Scattering and absorption by wavelength size discs 1-6478
- Weil, J.A. see Nuttall, R.H.D. 1-7947
- Weil, R. see Raghunathan, K. 1-16210
- Weil, S.A. see Singh, S.P. 1-17147
- Weiland, J., Sanuki, H., Liu, C.S. Convective cell formation and anomalous diffusion due to electromagnetic drift wave turbulence 1-38062
- Weiland, J. see Nakach, R. 1-42169
- Weiland, J. see Pavlenko, V. 1-38063
- Weiler, K.H., Fabian, P., Flente, G., Matthews, W.A. Stratospheric NO measurements: a new balloon-borne chemiluminescent instrument 1-44222
- Weiler, K.W., de Pater, I. Circular polarization as a probe of radio sources (high accuracy polarization measurements at λ 49 cm) 1-27625
- Weiler, K.W., Panagia, N. Vela X and the evolution of plerions 1-17886
- Weiler, K.W., van der Hulst, J.M., Sramek, R.A., Panagia, N. SN 1979c—a radio supernova 1-54527
- Weiler, K.W. see Sramek, D. 1-32717
- Weilhammer, P. see Chabaud, V. 1-50468
- Weilhammer, P. see Chabaud, V. 1-10392
- Weilhammer, P. see Daum, C. 1-14424, 1-28357
- Weilhammer, P. see Sacharidis, E.J. 1-50469
- Weill, A. see Mon, J.-P. 1-54164
- Weill, F., Wyon, G. Superplastic behaviour of fine grained aluminium alloys whose grain boundaries have been enriched by gallium 1-16857
- Weill, F. see Perdrix, C. 1-4027
- Weimer, M.B., Smith, D.L. Photoionization of shallow acceptors in Ge 1-35078
- Wein, L., Kosa, F. Medico CT 0100 and 0150 X-ray generator 1-13322
- Weinberg, A.M. The future of nuclear energy 1-50789
- Weinberg, E.J. see Guth, A.H. 1-18409
- Weinberg, F.J. see Chan, A.K.F. 1-25006
- Weinberg, F.J. see Moore, S.R. 1-46823
- Weinberg, I., Brandhorst, H.W., Jr., Swartz, C.K., Weizer, V.G. Radiation damage in high voltage silicon solar cells 1-39794
- Weinberg, M.C., Onorato, P.I.K., Uhlmann, D.R. Behavior of bubbles in glassmelts. II. Dissolution of a stationary bubble containing a diffusing and a nondiffusing gas 1-2635
- Weinberg, M.C., Shankar Subramanian, R. Dissolution of multicomponent bubbles 1-25435
- Weinberg, M.C. see Zak, M. 1-29755
- Weinberg, N.N. On some generalizations of the Lorentz transformation 1-18010
- Weinberg, S. Varieties of baryon and lepton non-conservation 1-10134
- Weinberg, S. Ultraviolet divergences in quantum theories of gravitation 1-18139
- Weinberg, S., Witten, E. Limits on massless particles 1-14231
- Weinberg, W.H. see Felter, T.E. 1-47381
- Weinberg, W.H. see Ibbotson, D.E. 1-7466
- Weinberg, W.H. see Thib, P.A. 1-30550
- Weinberg, W.H. see Witting, T.S. 1-38663
- Weinberg, W.J. Inelastic electron tunneling spectroscopy: a probe of the vibrational structure of surface species 1-10796
- Weinberger, B.R. see Ozaki, M. 1-2981
- Weinberger, P. see Podlucky, R. 1-47424
- Weinberger, P. see Staunton, J. 1-25611
- Weinberger, R. see Dengel, J. 1-13736
- Weinberger, R. see Moss, R. 1-36377
- Weiner, A.M. see Harris, S.J. 1-53516
- Weiner, A.S., Reep, D., Shastry, S.K., Bhat, K.N., Borrego, J.M., Ghandhi, S.K. Evaluation of n-GaAs polycrystalline layers for solar cells using an electrochemical technique 1-26833
- Weiner, B., Gosinski, O. Self-consistent approximation to the polarization propagator 1-14802
- Weiner, B., Gosinski, O. Calculation of optimal generalized antisymmetrized geminal-power (projected-Bardene-Cooper-Schrieffer) functions and their associated excitation spectrum 1-19006
- Weiner, E.W. see Peatman, W. 1-6710
- Weiner, J. On molecular dissociation dynamics in the presence of intense optical fields 1-29055
- Weiner, J., Polak-Dingels, P. Penning and associative ionization in crossed-beam Na/Na collisions assisted by strong resonant laser fields 1-37304
- Weiner, J.H., Tse, S.T. Tunneling in asymmetric double-well potentials 1-49967
- Weiner, J.H. see Perchak, D. 1-5249
- Weiner, R. see Stelte, N. 1-50644
- Weiner, R.M. see Fowler, G.N. 1-45435
- Weiner, R.M. see Friedlander, E.M. 1-18509
- Weinert, M. see Freeman, A.J. 1-39018
- Weinert, R.W. see Brandt, G.B. 1-41885
- Weinert, U. Thermal diffusion of ions drifting in an electric field through a neutral gas 1-2128
- Weinert, U. On the inversion of the linearized collision operator 1-51895
- Weinert, U., Lin, S.L., Mason, E.A. Solutions of the nonlinear Boltzmann equation describing relaxation to equilibrium 1-14082
- Weinert, W. Calibration of the high speed wind tunnel TVM 150 in the supersonic range 1-29749
- Weinfeld, M. see Fabre, E. 1-11577
- Weingart, J.M. see Shupe, J.W. 1-39707
- Weingart, R. see Steinberg, D. 1-36676
- Weingart, R.C. see Chau, H.H. 1-40768
- Weingarten, D.H. see Petcher, D. 1-23429
- Weingartner, H. The mechanism of ^1Li relaxation in a supercooled aqueous LiI solution 1-19116
- Weingartner, H. Forecast verification using information theory 1-49360
- Weingartner, I., Rosenbruch, K.-J. Incoherent polychromatic imaging with holographic optical elements and systems. I 1-1517
- Weingartner, I., Rosenbruch, K.-J. Incoherent polychromatic imaging with holographic imaging elements and systems. II 1-10940
- Weinhold, G. see Dierkes, P. 1-14648
- Weinhold, P., Clausen, R.E., Waelbroeck, F. Comparison of experimental results and numerical calculations of hydrogen recycling from stainless steel 1-24993
- Weinhold, S., Litt, M.H., Lando, J.B. The effect of surface nucleation on the crystallization of the α phase of poly(vinylidene fluoride) 1-11694
- Weinhold, S. see Bachmann, M. 1-11739
- Weinhold, S. see Bachmann, M.A. 1-38293
- Weinman, J.A., Olson, W.S. Infrared radiation emerging from smoke produced by brush fires 1-40188
- Weinman, J.A. see Kunkel, K.E. 1-17661
- Weinman, L.S., Orent, T.W., Liu, T.S. Auger study of Cr/Au thin films deposited on alumina and sapphire 1-11995
- Weinreb, A. see Nitzan, M. 1-9051
- Weinreb, S. see Williams, D.R. 1-36182
- Weinstein, A.A., Begor, R., Bowlen, T.F., Gurican, G. Security/radiation exposure and maintenance system for the D.C. Cook nuclear plant 1-18919
- Weinstein, A.A. see Palmer, D.C. 1-50961
- Weinstein, B.A. Effect of high pressure on radiative recombination in hydrogenated amorphous silicon 1-48160
- Weinstein, B.W., Weir, J.T. Measurement of tracer elements in inertial fusion target fuel 1-33344
- Weinstein, J.N. see Blumenthal, R. 1-21990
- Weinstein, M. Nonlinear instability in plane Poiseuille flow: a quantitative comparison between the methods of amplitude expansions and the method of multiple scales 1-42092
- Weinstein, M., Drell, S.D., Quinn, H.R., Svetitsky, B. Approximate dynamical symmetry in lattice quantum chromodynamics 1-516
- Weinstein, M.A. see Meaney, T.F. 1-43989
- Weinstein, M.B. The availability of primary containment leakage integrity 1-28658
- Weinstock, I.B. see Landgrebe, A.R. 1-53586
- Weinstock, J. Vertical wind shears, turbulence and non-turbulence in the troposphere and stratosphere 1-22395
- Weinzierl, G., Friedrich, J. Heavy-atom effect in the electron-phonon coupling of naphthalene X-traps 1-31180
- Weiping Fu see Fu Weiping
- Weir, G.J. see McNabb, A. 1-51690
- Weir, J.T. see Weinstein, B.W. 1-33344
- Weir, R.D. see Callanan, J.E. 1-2651, 1-2652, 1-47251, 1-47252
- Weirauch, D.F. Method of measuring low pressures within evacuated sealed glass tubes 1-23252
- Weirauch, W., Kruger, E., Nistler, W. A proposal for determining h/m_e with high accuracy 1-33365
- Weis, E.W., Upgren, A.R., Dawson, D.W. Radial velocities from microdensitometer scans of the objective-prism spectra 1-54390
- Weis, J.J. see Levesque, D. 1-25132
- Weis, O. see Nover, M. 1-15976
- Weisberg, A.M. see Morrissey, R.J. 1-53361
- Weisberg, J.M. see Ferguson, D.C. 1-49700
- Weisberger, W.I. see Akhouri, R. 1-10070
- Weisbrich, A.L. Alternative energy for domestic hot water: wind or solar? 1-21852
- Weisbuch, C., Dingle, R., Gossard, A.C., Wiegmann, W. Optical characterization of interface disorder in multiquantum well GaAs-Al_xGa_{1-x}As superlattice structures 1-16353
- Weisbuch, C., Miller, R.C., Dingle, R., Gossard, A.C., Wiegmann, W. Intrinsic radiative recombination from quantum states in GaAs-Al_xGa_{1-x}As multi-quantum well structures 1-52990
- Weisbuch, C. see Romestein, R. 1-31030
- Weisbuch, C. see Ulbricht, R.G. 1-35034
- Weischet, W.O. see Van Holde, K.E. 1-8795
- Weise, H. see Lotze, W. 1-23177
- Weise, W. see Brockmann, R. 1-50540
- Weise, W. see Maxwell, O.V. 1-18572, 1-18573
- Weise, W. see Toki, H. 1-23593
- Weisel, J.W., Phillips, G.N., Jr., Cohen, C. A model from electron microscopy for the molecular structure of fibrinogen and fibrin 1-19881
- Weisenblum, J. see Bozoki, G. 1-45752
- Weisenburger, S. Nuclear waste vitrification in a ceramic-lined electric glass melter 1-14684
- Weiser, G., Fuhs, W., Hesse, H.J. Study of polariton resonances in a cyanine dye crystal 1-20642
- Weiser, G. see Aljalali, S. 1-21171
- Weiser, G. see Lochner, K. 1-52598
- Weiser, H. see Kohl, J.L. 1-22753
- Weisgerber, P. see Bauch, R. 1-8470
- Weisgerber, P. see Gausch, O. 1-5859
- Weisshaupt, K.R. see Dougherty, T.J. 1-35871
- Weisker, T. see Adhooch, W. 1-48737
- Weisman, J. see Yeh, S.H. 1-41201
- Weismiller, R.A. see Hinz, E.J. 1-9159
- Weismiller, R.A. see Kiefer, L.M. 1-9160
- Weismiller, R.A. see Kristof, S.J. 1-9299
- Weismiller, R.A. see Lund, L.J. 1-9161
- Weismiller, R.A. see Poljak, M. 1-9301
- Weiss, A. see Hashimoto, M. 1-7974, 1-20175
- Weiss, A. see Schmidt, P.C. 1-20690
- Weiss, A.B. see Langrana, N. 1-13348
- Weiss, A.D. see Tole, J.R. 1-13341
- Weiss, A.H. see Jona, F. 1-42269
- Weiss, A.M. see Warde, C. 1-24488
- Weiss, B. see Mullaney, P.F. 1-35862
- Weiss, B.Z. see Livne, Z. 1-35500
- Weiss, G., Arnold, W., Guntherodt, H.J. Ultrasonic absorption in the superconducting amorphous metal PdZr 1-15959
- Weiss, G., Arnold, W., Guntherodt, H.J. Ultrasonic measurements of superconducting amorphous PdZr 1-30882
- Weiss, G. see Arnold, W. 1-15960
- Weiss, G. see Thomas, N. 1-30880
- Weiss, G.H. Asymptotic form for random walk survival probabilities on three-dimensional lattices with traps 1-18170
- Weiss, G.H. see Lindenberg, K. 1-9929
- Weiss, H. A compact ray-tracing program for the HP-97 1-33787
- Weiss, I. see Akben, M.G. 1-26462
- Weiss, I.P. see Barnett, A.B. 1-26899
- Weiss, J. see Gauckler, L.J. 1-16763
- Weiss, J.M. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Weiss, J.M. see Dorfan, J.M. 1-41020
- Weiss, J.M. see Himel, T.M. 1-18482
- Weiss, J.M. see Scharre, D.L. 1-18485, 1-45292
- Weiss, K. see Wolter, J. 1-37777
- Weiss, K. see Zerull, R.H. 1-6432
- Weiss, M. A ripple tank explanation of holography 1-49913
- Weiss, M.J. see Tacheng Hsieh 1-14203
- Weiss, N.O. see Golub, L. 1-49587
- Weiss, N.O. see Hewitt, J.M. 1-32421
- Weiss, N.O. see Spiegel, E.A. 1-9461
- Weiss, P.S. see Gottschalk, R.A. 1-1261
- Weiss, R. see Moras, D. 1-32092
- Weiss, R.C., Anderson, R.E., Kraushaar, J.J., Ristinen, R.A., Rost, E., Shastry, S. A study of particle-vibration multiplets in ^{203}Tl using the $^{203}\text{Tl}(p,^{203}\text{Tl})$, $^{208}\text{Pb}(p,^{208}\text{Pb})$ and $^{208}\text{Pb}(p,^{208}\text{Pb})$ reactions 1-50482
- Weiss, R.F. see Lupton, J.E. 1-13489
- Weiss, W., Roether, W. The rates of tritium input to the world oceans 1-4533
- Weiss, W.W., Breger, M., Rakosch, K.D. The periods of 21 Com 1-13773
- Weiss, Z., Durovic, S. OD interpretation of Mg vermiculite. Symbolism and X-ray identification of its polytypes 1-2383
- Weissberger, M.A., Meidenbauer, R.H. Modeling rain attenuation on Earth-space microwave links 1-9237
- Weisser, D.C. see Auble, R.L. 1-23907
- Weisser, D.C. see Clark, P.D. 1-18555
- Weisser, D.C. see Eck, J.S. 1-36962
- Weissfogel, R. see Herrmann, R. 1-34612
- Weissfogel, W., Sharma, N.K., Pelz, G., Demus, D. The re-entrant nematic phase of 4-n-octyloxybenzoyloxy-benzylidene-4'-cyananiline 1-20367
- Weisshaar, J.C., Bamford, D.J., Specht, E., Moore, C.B. Quenching, electronic energy transfer, and rotational relaxation of S_1 formaldehyde 1-41418
- Weisshaar, T.A. see Garcia, R. 1-35308

- Weiss, I., Gal-Or, L., Kaufman, A. The effect of microstructure on the pitting tendency of a heat-resistant aluminium alloy (AAA 2618) 1-48563
- Weissing, H. New CMEA standards for acoustic measuring instruments 1-19531
- Weisskopf, M.C. Advanced X-ray Astrophysics Facility (AXAF) 1-49511
- Weisskopf, M.C. *see* Grindlay, J.E. 1-22848
- Weissler, F.B. The Navier-Stokes initial value problem in L^p 1-29637
- Weissman, B.A. Power and tear volume exchanges with flexible contact lenses 1-27027
- Weissman, D.E., Thompson, T.W., Legeckis, R. Modulation of sea surface radar cross section by surface stress: wind speed and temperature effects across the Gulf Stream 1-13483
- Weissman, J., Levin, L. Superparamagnetic behaviour of an Fe-Ni alloy 1-3222
- Weissman, M.B. Hydrodynamic interaction effects on spherical macroion diffusion 1-11891
- Weissman, M.B. Relations between geometrical factors for noise magnitudes in resistors 1-38823
- Weissman, M.B., Marque, J. Small-ion friction, hydrodynamic interaction, and charge fluctuation effects in solutions of a globular macroion 1-10878
- Weissman, P.R. Stellar perturbations of the cometary cloud 1-22696
- Weissman, P.R. Physical and dynamical evolution of long-period comets 1-44509
- Weissman, Y., Jortner, J. A comment on coherent states of the isotonic oscillator 1-36529
- Weissman, Y., Jortner, J. What are the quantum manifestations of classical stochasticity in a discrete level structure? 1-51097
- Weissmann, S. Analysis and topography of lattice defects in powder diffraction patterns 1-30242
- Weissmann, S. *see* Pangborn, R.N. 1-31639, 1-31820, 1-52137
- Weissmantel, C., Bewilogua, K., Dietrich, D., Erler, H.-J., Hinneberg, H.-J., Klose, S., Nowick, W., Reisse, G. Structure and properties of quasi-amorphous films prepared by ion beam techniques 1-12671
- Weissmantel, C. *see* Bewilogua, K. 1-53263
- Weissmantel, H., Jung, R. Formation of cracks in aluminium when welding with a laser beam 1-43475
- Weisstein, L.S. *see* Noor, A.K. 1-41964
- Weisz, P. *see* Luscher, M. 1-424, 1-40965
- Weisz, P. *see* Munster, G. 1-14333, 1-40966
- Weisz, S. *see* Badier, J. 1-10218, 1-10582, 1-14430
- Weitekamp, D.P. *see* Warren, W.S. 1-1254, 1-14158
- Weitekamp, C., Heinrich, H.-J., Herrmann, W. DAS-Lidar for determination of hydrogen chloride concentration in the exhaust fumes of burning-ships (ships for burning waste chlorinated hydrocarbons) 1-21970
- Weitekamp, C. *see* Altmann, J. 1-13500
- Weitz, D.A. *see* Genack, A.Z. 1-35050
- Weitz, D.A. *see* Gersten, J.I. 1-21203
- Weitz, D.A. *see* Macfarlane, R.M. 1-12431
- Weitz, E. *see* Apkarian, V.A. 1-14952
- Weitz, E. *see* Buechele, J.L. 1-33457
- Weitz, E. *see* Moser, M. 1-37245
- Weitzel, I., Primig, R., Kempter, K. Preparation of low discharge amorphous silicon for passivation layers 1-35188
- Weitzner, H. *see* Cohen, B.I. 1-29835
- Weiwad, D. The grain morphology of PVC by mercury penetration measurements 1-21415
- Weixian Jin *see* Jin Weixian
- Weizer, V.G. *see* Weinberg, I. 1-39794
- Weiber, B. *see* Chaikin, P.M. 1-47624
- Wellyberry, T.R., Miller, G.H., Carroll, C.E. Paracrystals and growth-disorder models 1-7036
- Welch, A.J.E. *see* Kizilyalli, M. 1-26404
- Welch, B. *see* Molinar, G.F. 1-50095
- Welch, D.O. A theoretical study of intrinsic embrittlement in hydrogen-transition metal systems 1-21577
- Welch, D.O. *see* Dienes, G.J. 1-30349
- Welch, D.O. *see* Luhman, T. 1-52738
- Welch, E.B., Rock, C.A., Howe, R.C., Perkins, M.A. Lake Sammamish response to wastewater diversion and increasing urban runoff 1-4225
- Welch, G. *see* Berger, C. 1-5636, 1-10209
- Welch, G. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Welch, L.S., Hughes, A.E. Luminescence of the F_A centre in CaO:Mg 1-16596
- Welch, L.S., Hughes, A.E., Pells, G.P. Polarized luminescence of an aggregate defect centre in Al_2O_3 1-3469
- Welch, M.J. *see* Kumar, B. 1-43986
- Welch, P.J. Techniques for the determination of complete pole figures using composite specimens 1-43637
- Welch, R.M., Cox, S.K., Zdunkowski, W.G. Calculations of the variability of ice cloud radiative properties at selected solar wavelengths 1-4608
- Welch, R.M. *see* Zdunkowski, W.G. 1-4612, 1-49320
- Weldou, D. *see* Thullen, P. 1-50159
- Weldon, H.A., Zee, A. Operator analysis of new physics 1-456
- Weldon, W.F. *see* Marshall, R.A. 1-28755
- Welfare, F.G. *see* Hoover, G.S. 1-28595
- Welford, D., Sibbett, W., Taylor, J.R. Intracavity second harmonic generation using a synchronously mode-locked CW dye laser 1-15226
- Welford, D. *see* Adams, M.C. 1-29030
- Welford, W.T. *see* Lessard, R.A. 1-54273
- Welge, K.H. *see* Zacharias, H. 1-14967, 1-33514, 1-39660
- Welin, G. New emission-line stars in a region in Cygnus 1-22815
- Weling, F., Griffin, A. Static structure factor for a finite incommensurate monolayer 1-38640
- Welker, H. Superconductivity and mixed conduction 1-7774
- Wellard, M.G. An appreciation of James Clerk Maxwell, 1831-1879 1-40640
- Weller, G. *see* Baker, D.J., Jr. 1-13562, 1-13562
- Weller, H.R., Roberson, N.R. Capture reactions with protons, neutrons, and alpha particles 1-28479
- Weller, J.F. *see* Davis, K.L. 1-37732
- Weller, R.A., Davis, R.E. A vector measuring current meter 1-27254
- Weller, Th. *see* Dmitriev, J. 1-51124
- Weller, W.G. *see* Jeffers, S. 1-49520
- Welling, H. *see* Gellerman, W. 1-29285
- Welling, H. *see* Litfin, G. 1-29287
- Wellington Davis, R., Robiette, A.G., Gerry, M.C.L. The microwave spectrum, centrifugal distortion constants, harmonic force field, and molecular structure of difluorosilane 1-14877
- Wellman, P. *see* Coutts, D.A. 1-4625
- Wellmann, B., Liebau, F. The crystal structure of platinum(IV) diphosphate 1-52120
- Wellmann, J. Pressure resistance and entropy production in classical gas dynamics 1-37962
- Wellner, P. Investigations on the effect of the cutting operation on the surface deformation of different materials 1-53344
- Wells, C.W., Potter, A.E., Morgan, T.H. Near-infrared spectral imaging Michelson interferometer for astronomical applications 1-27398
- Wells, D.C. *see* Ridgway, S.T. 1-22774
- Wells, D.J. *see* Shahinpoor, M. 1-23793
- Wells, I. *see* Haworth, R.T. 1-32543
- Wells, J. *see* Deden, H. 1-28311
- Wells, J. *see* Gottgens, R. 1-50472
- Wells, J. *see* Mazzucato, M. 1-50462
- Wells, J.C. *see* de Lima, A.P. 1-41033
- Wells, J.C. *see* Feinauer, L.R. 1-5933
- Wells, J.S. *see* Maki, A.G. 1-1218
- Wells, O.C. Reciprocity between the reflection electron microscope and the low-loss scanning electron microscope 1-7054
- Wells, P.N.T. *see* Skidmore, R. 1-8935
- Wells, R.G. *see* Heinrich, E.W. 1-27159
- Wells, R.O., Jr. Hyperfunction solutions of the zero-rest-mass field equations 1-40695
- Wells, R.O., Jr. *see* Eastwood, M.G. 1-32892
- Wells, T.R. *see* Clement, C.M. 1-36344
- Wells, W.E. *see* Downes, L.W. 1-41487
- Wells, W.K., Bilpuch, E.G., Mitchell, G.E. Non-statistical effects for inelastic proton amplitudes in ^{49}V 1-10366
- Wells, W.L. *see* Snow, W.L. 1-6236
- Wells, W.M. Lithium droplet diverter collector for ions and heat 1-10544
- Welsch, D.-G. *see* Susse, K.-E. 1-46015
- Welsch, G., Young, B.J., Hehemann, R.F. Recovery and recrystallization of doped tungsten 1-31494
- Welsh, D.J.A. *see* Hammersley, J.M. 1-18162
- Welsh, M.J., Widdicombe, J.H., Nadel, J.A. Fluid transport across the canine tracheal epithelium 1-49029
- Welter, G.L. The structure and dynamics of H II regions 1-9616
- Welter, G.L., Worden, S.P. The angular diameters of supergiant stars from speckle interferometry 1-44550
- Welter, J.-M. *see* Arnold, G. 1-20390
- Welter, J.-M. *see* Beys, M. 1-3605
- Welton-Cook, M.R. *see* Tear, S.P. 1-7441
- Welygan, D.G., Burns, C.M. Dynamic contact angles of viscous liquids 1-7429
- Wen, C.J., Huggins, R.A. Thermodynamic and mass transport properties of 'LiIn' 1-21425
- Wen, E.C.-T. *see* Kobe, D.H. 1-18369
- Wen Lin, Pearce, C.W. Properties of uniform oxygen Czochralski silicon crystals 1-16680
- Wen Shu-lin, Jefferson, D.A., Thomas, J.M. Replacement of calcium by strontium in the wollastonite structure: an electron microscope study 1-30249
- Wen Wang *see* Wang Wen
- Wen Yuankai *see* Zhou Zhihua 1-31869
- Wen-ching Wang *see* Wang Wen-ching
- Wen-Chuan Mo *see* Mo Wen-Chuan
- Wen-Fa Kang *see* Tjong-Kie Tan 1-22338
- Wen-Fu Du *see* Du Wen-Fu
- Wen-Ging Shen *see* Shen Wen-Ging
- Wen-hu Zhou *see* Zhou Wen-hu
- Wen-Jei Yang *see* Han, J.C. 1-37933
- Wen-Jei Yang *see* Je-Chin Han 1-29689
- Wen-Jey Liang, Chung-Te Lee The optimization evaluation of SO_2 air pollution and monitor network in Kaohsiung area 1-53735
- Wen-Jun Xu *see* Xu Wen-Jun
- Wen-Kui Wang, Iwasaki, H., Fukamichi, K. Effect of high pressure on the crystallization of an amorphous $\text{Fe}_{83}\text{B}_{17}$ alloy 1-20065
- Wen-Lin Feng *see* Feng Wen-Lin
- Wen-Lin Huan *see* Huan Wen-Lin
- Wen-long Li *see* Li Wen-long
- Wen-rui Hu *see* Hu Wen-rui
- Wen-Tai Wu *see* Wu Wen-Tai
- Wen-xiong Chen *see* Chen Wen-xiong
- Wen-xiu Li *see* Li Wen-xiu
- Wen-yi Ma *see* Ma Wen-yi
- Wen-zhi Jiang *see* Jiang Wen-zhi
- Wenaas, E.P. *see* Treadaway, M.J. 1-34138
- Wen-chong Li *see* Li Wen-chong
- Wenckebach, W.T. *see* Poot, J. 1-3295
- Wenckebach, W.Th., Poulsen, N.J. Nuclear spin resonance 1-44753
- Wenckebach, W.Th. *see* de Haas, L.J. 1-7933
- Wenckebach, W.Th. *see* Marks, J. 1-11789
- Wenckebach, W.Th. *see* Poot, J. 1-3296
- Wende, B. *see* Nubbemeyer, H. 1-18308
- Wende, G. Intensities of magnetostatic modes in circular disks and films 1-52763
- Wende, W. *see* Kaniuth, K. 1-44081
- Wendel, A. *see* Beckmann, P. 1-3297
- Wendel, M. *see* Augstein, E. 1-49323
- Wendel, P.L. *see* Colin, P. 1-53939
- Wendemuth, R. *see* Westerholt, K. 1-7768
- Wender, S.A., Floyd, C.E., Clegg, T.B., Wylie, W.R. A high efficiency bunching system for polarized beams 1-980
- Wendin, G. *see* Curelaru, I.M. 1-10656
- Wendker, H.J., Altenhoff, W.J. Radio emission from Cyg OB 2 No.12 1-32699
- Wendker, H.J. *see* Altenhoff, W.J. 1-36421
- Wendker, H.J. *see* Appenzeller, I. 1-17885
- Wendf, F. *see* Becker, J. 1-48450
- Wendt, W. *see* Muller-Vogt, G. 1-20251
- Wendland, P. *see* Horwitz, D.N. 1-18279
- Wendland, P.H., Horwitz, D.N. A decibel measuring instrument for fiber optics 1-41867
- Wendlandt, R.F., Egger, D.H. Stability of sanidine + forsterite and its bearing on the genesis of potassic magmas and the distribution of potassium in the upper mantle 1-22271
- Wendler, G., Eaton, F.D. Quality control for solar radiation data 1-8675
- Wendler, W.-M., Lindner, A., Anders, B. Influence of Coulomb polarization on elastic scattering of deuterons by heavy nuclei 1-23631
- Wendler-Kalsch, E. *see* Tischner, H. 1-39646
- Wendt, G., Loose, E. Transistorised ultrasonic transmitter for location of underground streams 1-27309
- Wendt, H. Hydrogen production by water electrolysis. General background and achievements of this task 1-39843
- Wendt, H. *see* Fischer, J. 1-39847
- Wendt, I.R. *see* Stephenson, D.G. 1-48981
- Wene, C.O., Leman, G. Conservation versus substitution treated by a multiperiod LP-model 1-39717
- Wene, C.O. *see* Klapdor, H.V. 1-45465
- Wene, C.O. *see* Ablock, H. 1-39719
- Wene, C.O. *see* Klapdor, H.V. 1-50681
- Wenes, G., Van Isacker, P., Waroquier, M., Heyde, K., van Maldeghem, J. Collective bands in doubly even Sn nuclei 1-41031
- Wenes, G. *see* Abreu, M.C. 1-23598
- Wenes, G. *see* Huyse, M. 1-41072
- Weng, G.J. Constitutive equations of single crystals and polycrystalline aggregates under cyclic loading 1-3830
- Weng, G.J. Dislocation theories of work hardening and yield surfaces of single crystals 1-34399
- Weng, G.J. The yield surface of single crystals at arbitrary strain 1-34400
- Weng, G.J. *see* Chon, C.T. 1-24756
- Weng, P.-S. *see* Hsu, P.-T. 1-18965
- Weng Cho Chew, Gianzero, S.C. Theoretical investigation of the electromagnetic wave propagation tool 1-40219
- Weng Shang-Lin *see* Shang-Lin Weng
- Weng Tai Meng *see* Engstom, L. 1-37159
- Weng W. Chow, Hambenne, J.B., Sargent, M., III, Hutchings, T.J., Sanders, V.E., Scully, M.O. Multioscillator laser gyro 1-1614
- Wengel, J. *see* Weidel, E. 1-19473
- Wengeler, H., Freud, F. Atomic carbon in magnesium oxide III. Anomalous thermal expansion behavior 1-20427
- Wengeler, H., Freund, F. Atomic carbon in magnesium oxide. VII. Infrared analysis of OH-containing defects 1-31146
- Wengeler, H., Martens, R., Freund, F. Proton conductivity of simple ionic hydroxides. II. In situ formation of water molecules prior to dehydration 1-24128
- Wengeler, H. *see* Freund, F. 1-25492, 1-27101, 1-47288
- Wenger, F., Galland, J., Azou, P. Corrosion of steel bars in reinforced concrete studied by electrochemical impedance measurements 1-39508
- Wenhao Wang *see* Wang Wenhao
- Weniger, S. *see* Wujec, T. 1-33418

- Wenk, H.R., Nakajima, Y. Structure, formation and decomposition of APBs in calcic plagioclase 1-42398
- Wenk, J. see Merten, L. 1-11047
- Wenke, G. see Whiteside, R.A. 1-46188
- Wenke, L., Schreiber, W., Erler, K. Procedures for the quantitative evaluation of holographic interferograms 1-23292
- Wenke, L. see Erler, K. 1-46262
- Wenkuang Bian see Bian Wenkuang
- Wenlin Mei see Mei Wenlin
- Wenner, D.B. see Ellwood, B.B. 1-27063
- Wenning, U. see Pettinger, B. 1-35053
- Wenning, U. see Wetzel, H. 1-8605
- Wenninger, H. see Dykes, M. 1-45784
- Wensai Dai see Dai Wensai
- Wensink, W.A., Noorman, C., Dijkerman, H.A. Self-broadening and self-shifting of $J=0-1$ and $J=1-2$ rotational transitions of CH_3Br and CH_3I 1-6323
- Wensley, D.A., Charlton, R.S. Corrosion studies in kraft white liquor: potentiostatic polarization of mild steel in caustic solutions containing sulfur species 1-31721
- Wentorf, R.H., DeVries, R.C., Bundy, F.P. Sintered superhard materials 1-12682
- Wentworth, W.E., Johnston, D.W., Raldow, W.M. Chemical heat pumps using a dispersion of a metal salt ammoniate in an inert solvent 1-53640
- Wentzel, D.G. see Benz, A.O. 1-44521
- Wenxiu, C., Haishen, J., Xiangdi, L., Dongyuan, L., Huaying, B. On polyethylene film dosimeter 1-13327
- Wenzel, A. see Schulz-Gulde, E. 1-6322
- Wenzel, D.R., Cebe, J.J., Lovell, J.R. Radiation exposure at the Idaho chemical processing plant 1-33355
- Wenzel, F., Zurn, W. Numerical investigation of the spectral resolving power of Burg's maximum entropy method 1-246
- Wenzel, G., Huba, A., Bugyas, J., Galfi, I., Szarka, K. Classification of surfaces according their spectral reflexion by band-filtered black-and-white photographs 1-361
- Wenzel, H., Schmidt, G. A modified Van der Waals equation of state for the representation of phase equilibrium between solids, liquids and gases 1-30348
- Wenzel, H. see Schmidt, G. 1-6912
- Wenzel, J. see Murai, S. 1-20369
- Wenzel, R.G., Arnold, G.P. Frequency control of a cadmium selenide parametric oscillator 1-46456
- Wenzel, W., Rosino, L. Honda's variable in Cygnus 1-36300
- Wenzel, W.A. see Clark, A.R. 1-10212, 1-10228, 1-28327, 1-36869
- Wenzl, H. FeTi and lithium hydrides: properties and applications for hydrogen generation and storage 1-21936
- Wenzl, H., Lebsanft, E. Phase diagram and thermodynamic parameters of the quaternary interstitial alloy $\text{Fe}_{0.5}\text{Ti}_{0.5}\text{H}_x$ in equilibrium with hydrogen gas 1-8276
- Wenzl, H. see Pesch, W. 1-26512
- Wenzlik, K., Heibei, J., Voges, E. Refractive index profiles of helium implanted LiNbO_3 and LiTaO_3 1-19475
- Wepfer, W.J. see Gaggioli, R.A. 1-17179, 1-17180
- Werber, T., Zurek, Z., Rzepka, E. Adherence of sulphide scale, formed on Cu-Al alloys, to the metallic base 1-3961
- Werbrouck, A.E. see Borreani, G. 1-50461
- Werby, M.F., Bassichis, W.H., Strayer, M.R. The dominant role of the nuclear surface in (p,t) reactions 1-5777
- Werden, K. Van see Van Werden, K.
- Werf, F. Van de see Van de Werf, F.
- Werf, K.O. Van der see van der Werf, K.O.
- Werf, S.Y. Van der see van der Werf, S.Y.
- Werf, S.Y. Van Der see Van Der Werf, S.Y.
- Werf, T. Van der see van der Werf, T.
- Wergeland, H. On the present status of the Klein paradox 1-28157
- Wergin, W.P., Pawley, J.B. Recording and projecting stereo pairs of scanning electron micrographs (of biological tissue) 1-22176
- Werle, H. Experimental investigation of heat transfer between two horizontal liquid layers with gas injection 1-5872
- Werle, J. Confinement of fields by suitable nonlinearities 1-5494
- Wermes, N. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Wermes, N. see Schildt, P. 1-28837
- Werner, E., Dietrich, K.M., Moller, P., Nix, R. On the shell correction energy at doubly magic nuclei 1-50493
- Werner, E. see Faltermeier, B. 1-1325
- Werner, E. see Wittmaack, K. 1-32329
- Werner, F. see Foster, D.L. 1-13307
- Werner, G.D. see Weigel, F. 1-47061
- Werner, H. see Goubau, B. 1-8431
- Werner, H.C. see Garcia, J.D. 1-16643
- Werner, H.-J., Meyer, W. A quadratically convergent multiconfiguration-self-consistent field method with simultaneous optimization of orbitals and CI coefficients 1-1100
- Werner, H.-J., Reinsch, E.-A., Rosmus, P. Ab initio calculation of the dipole moment function of hydrogen iodide 1-51098
- Werner, H.-J., Rosmus, P. Theoretical dipole moment functions of the HF, HCl, and HBr molecules 1-1300
- Werner, H.W. Quantitative secondary ion mass spectrometry: A review 1-21825
- Werner, H.W. see Warmoltz, N. 1-21318, 1-31295
- Werner, L. see Bohm, H.-D.V. 1-41768
- Werner, M. see Eickhoff, J. 1-14750
- Werner, M. see Murphy, J.P. 1-49512
- Werner, M. see Schlude, F. 1-54348
- Werner, M.W., Beckwith, S., Gatley, I., Neugebauer, G., Sellgren, K., Thronson, H.A., Jr., Harper, D.A., Loewenstein, R., Moseley, S.H. High angular resolution far-infrared observations of the W3 region 1-44653
- Werner, M.W., Beckwith, S., Gatley, I., Sellgren, K., Berriman, G., Whiting, D.L. Simultaneous far-infrared, near-infrared, and radio observations of OH/IR stars 1-9496
- Werner, M.W. see Hyland, A.R. 1-22858
- Werner, M.W. see Jones, T.W. 1-54646
- Werner, P.-E. Structure analysis from Guinier film data 1-29995
- Werner, P.-E. see Johansson, K.E. 1-18350
- Werner, R.D. see Santry, D.C. 1-28825, 1-28826
- Werner, S.A. Neutron interferometry 1-30001
- Werner, T. see Dudek, J. 1-41077
- Werner, W., Visser, H. X-ray monochromator designs based on extreme off-plane grating mountings 1-40910
- Werner, W. see Graf, U. 1-28570
- Werner, W. see Kneer, F.J. 1-22758
- Werner, W. see Schulze, G.E., Kramer, H.J. Model consideration on primary recrystallization in one dimension. II. All nuclei start simultaneously to grow with different rates 1. Half cube and octahedron representing the anisotropy of crystal growth 1-31488
- Wernhard, K.L. see Allen, P. 1-14367, 1-36856, 1-36857
- Wernhard, K.L. see Blitschau, J. 1-10190
- Wernhard, K.L. see Grassler, H. 1-50414
- Wernick, J.H. see Chin, G.Y. 1-30917
- Wernick, J.H. see Cohen, R.L. 1-2808
- Wernick, J.H. see Green, M.L. 1-12343
- Wernick, J.H. see van Attekum, P.M.Th.M. 1-25624
- Wernik, M.R. see Fjok, A.J. 1-28033
- Wernikoff, R.E. Statistical edge characterization and edge location algorithms for pattern recognition in radiolucent images 1-9018
- Wernikoff, R.E., Dinsmore, R.E., Miller, S.W. Physical bases for the estimation of cardiovascular pulsation amplitudes by integrated chest radiography 1-13323
- Wernikoff, R.E., Dinsmore, R.E., Miller, S.W. Representation of dynamic information on static chest films by interlaced radiography 1-43984
- Wernli, C. Comparison of the performance of plaque-mounted and unmounted TLD's carried in a personal dosimetry badge 1-50979
- Werre, R.W. see Meister, R. 1-27156
- Werren, D.W. see Besset, D. 1-10375
- Werth, G. see Blatt, R. 1-46147
- Werth, G. see Osipowicz, A. 1-51157
- Wertheim, G.K., Eib, W., Kaldis, E., Campagna, M. Mixed valency of TmSe 1-34666
- Wertheim, G.K., Guggenheim, H.J. Conduction-electron screening in metallic oxides: IrO_2 1-21327
- Wertheim, G.K. see Bates, C.W., Jr. 1-25813
- Wertheim, G.K. see DiCenzo, S.B. 1-48239
- Wertheim, G.K. see van Attekum, P.M.Th.M. 1-25624
- Wertheim, M.S. Factorization of the direct correlation function. II. Relation to walls 1-52032
- Wertheimer, A.L., Pfisterer, G.J., Jr. Optical based, microprocessor controlled, stack particulate monitor 1-48937
- Wertheimer, M.R. see Schreiber, H.P. 1-16979
- Wertheimer, R., Silbey, R. On excitation transfer and relaxation models in low-temperature systems 1-11819
- Wertheimer, R., Silbey, R. Theoretical studies of relaxation processes in excited state impurity molecules: application to naphthalene dimers 1-47532
- Werthschützky, R. A piezoresistive miniature pressure transducer 1-32300
- Wesch, W., Gotz, G. Influence of ion implantation on the optical properties of silicon 1-12472
- Wesch, W. see Glaser, E. 1-20245
- Wescott, E.M., Stenback-Nielsen, H.C., Hallinan, T.J., Deehr, C.S., Romick, G.J., Olson, J.V., Roederer, J.G., Sydora, R. A high-altitude barium radial injection experiment 1-40251
- Wesmael, F. Atmospheres for hot, high-gravity stars. I. Pure hydrogen models 1-9490
- Wesmael, F. Hot white dwarfs as soft X-ray sources. II. The space density of hot white dwarfs determined from soft X-ray surveys 1-49639
- Wesfreid, J.E. see Atten, P. 1-37913
- Wesick, J. see Nadasen, A. 1-5782
- Wesifield, M.L. see Tsitlik, J.E. 1-13357
- Wesink, H., Varekamp, J.C. Paleomagnetism of basalts from Alborz: Iran part of Asia in the Cretaceous 1-22221
- Wesley, J.P. Comments on Prokhovnik's critique of Marinov's experiment [with reply by S.J. Prokhovnik] 1-18001
- Wesley, J.P. Is 'time dilation' only approximately valid? 1-32844
- Wesner, F. see Niedermeyer, H. 1-25040
- Wesolaski, E. see Lee, J. 1-33848
- Wesolowska, C. see Wiktorczyk, T. 1-3332
- Wess, J. Supergravity in superspace formulation 1-9906
- Wess, J. Supergravity 1-14055
- Wess, J. Supergravitation 1-23084
- Wess, J. see Fischer, R. 1-5669
- Wessel, J.E. see Cooper, D.E. 1-37284
- Wessel, R., Schwarz, D. The use of the small computer system KRS 4200 for spectra collection and analysis in ESR spectroscopy 1-40896
- Wesselius, P.R. see de Boer, K.S. 1-9486
- Wesselius, P.R. see The, P.S. 1-27493
- Wessels, B.W. see Besomi, P. 1-2921, 1-38869
- Wessels, B.W. see Inuishi, M. 1-35183
- Wessels, P.L. see Pachler, K.G.R. 1-10758
- Wesson, J.A. see Spears, W.R. 1-33347
- Wesson, P.S. Does the binding energy of binaries masquerade as missing mass? 1-13866
- Wesson, P.S. The application of dimensional analysis to cosmology (or, How to make cosmology simple by using dimensional conspiracy) 1-13898
- Wesson, P.S. see Stabell, R. 1-44674
- West, A.R. The crystal structures and the phase transformation of Zn-Li silicates: discussion 1-42352
- West, A.R. see Izquierdo, G. 1-31439
- West, A.R. see Kuwano, J. 1-30458
- West, A.W., Larbalestier, D.C. Microstructure-superconducting property relationships in a fermlab Nb-46.5 w/o Ti filamentary superconducting composite 1-47828
- West, B.J., Lindenberg, K., Seshadri, V. Brownian motion of harmonic systems with fluctuating parameters. I. Exact first and second order statistics of a mechanical oscillator 1-178
- West, B.J. see Lindenberg, K. 1-14069, 1-44764
- West, C.L., Hayes, W., Ryan, J.F., Dean, P.J. Photoluminescence studies of deep traps in GaP:Fe 1-12569
- West, D.R.F. see Baldan, A. 1-39308
- West, D.R.F. see Lipscombe, K. 1-31640
- West, G. Heat release from reactor fuel elements for fast transients 1-23746
- West, G.B. The parton model and asymptotic freedom revisited 1-45244
- West, G.B. On the n-p mass difference in QCD 1-45281
- West, H.W.H. see de Vekey, R.C. 1-53234
- West, J.B. Progress in photoionization spectroscopy of atoms and molecules: an experimental viewpoint 1-28933
- West, J.B. see Codling, K. 1-24087, 1-46018
- West, J.B. see Kelly, M.M. 1-46469
- West, J.B. see Parr, A.C. 1-33519
- West, J.E. see Gross, B. 1-7634
- West, J.M. Chemical potential and surface energy in stress-corrosion cracking 1-16973
- West, J.M., Majumdar, A.J., de Vekey, R.C. Polymer impregnated lightweight GRC 1-12751
- West, J.R. see Cotton, A.P. 1-44226
- West, J.T., Westfall, R.M., Whitesides, G.E., Thomas, J.T. TM1-2 criticality analysis-analytical models and methods 1-45667
- West, J.T. see Westfall, R.M. 1-45668
- West, K.W. Design for a high temperature, high vacuum evaporation furnace 1-27983
- West, K.W. see Bates, C.W., Jr. 1-25813
- West, K.W. see Cohen, R.L. 1-2808
- West, M.L. see Miller, J.H. 1-43187
- West, P., Mauritz, K. Precision optical gauging with image sensing camera and programmable microprocessor controller 1-44884
- West, P.C. see Sohnius, M.F. 1-5479
- West, R. Measuring low-level reflectance from coated optics 1-33063
- West, R.M. The peculiar, galactic object ESO 313-N*10 1-17890
- West, R.N., Mayers, J., Walters, P.A. A high-efficiency two-dimensional angular correlation spectrometer for positron studies 1-50229
- West, S.S. see Corliss, D.A. 1-10018
- Westbrook, R.D. see Wood, R.F. 1-2469
- Westcott, V.C. see Hirvonen, J.K. 1-3938
- Westenholz, C. On the mass spectrum of Higgs particles 1-5455
- Westenholz, C. Von see Von Westenholz, C.
- Westerberg, A.W. see Shi-chune Yao 1-19715
- Westerberg, L. see Dayras, R.A. 1-5794

- Westerfeldt, C.R. *see* Chou, B.H. 1-5765
- Westerhaus, W.J., Knop, O., Falk, M. Infrared spectra of the ammonium ion in crystals. IX. Ammonium tetraphenylborate, $\text{NH}_4\text{B}(\text{C}_6\text{H}_5)_4$: crystal structure at room temperature and at 120K, and evidence of hydrogen bonding 1-16558
- Westerholt, K., Bach, H., Methfessel, S. Jahn-Teller band transition in La_2S_4 and La_2Se_4 1-20679
- Westerholt, K., Bach, H., Wendemuth, R., Methfessel, S. Superconducting $\text{La}_{1-x}\text{Sr}_x\text{S}_4$ compounds 1-17768
- Westerholt, K. *see* Guyot, M. 1-16450
- Westerhout, G. *see* Johnston, K.J. 1-49196
- Westerkamp, W. *see* Siebert, D. 1-21037
- Westerlund, B.E., Olander, N., Hedin, B. Super-giant and giant M type stars in the Large Magellanic Cloud 1-49540
- Westerman, M.P., Wald, N., Diloy-Puray, M. Irradiation shortens the survival time of red cells deficient in glucose-6-phosphate dehydrogenase 1-22081
- Western, B.E., Benesman, R.F., Robinson, W.H. The savings from domestic solar water-heaters 1-17155
- Western, L.R. *see* Watson, W.D. 1-27363
- Western, W.R. *see* Braga, R.A. 1-18536
- Westfall, R.M., West, J.T., Whitesides, G.E., Thomas, J.T. TMI-2 criticality analysis—parametric studies and overall results 1-45668
- Westfall, R.M. *see* Ford, W.E., III 1-10464
- Westfall, R.M. *see* Hathout, A.M. 1-45672
- Westfall, R.M. *see* West, J.T. 1-45667
- Westgaard, L. *see* Ganzorig, Dz. 1-23697
- Westgate, C.R. *see* Chien, C.L. (editor) 1-32807
- Westhaus, P.A. Semiempirical effective Hamiltonians from a first principles' viewpoint 1-37100
- Westin, B.A.M. The velocity field of the Seyfert Galaxy NGC 7469 1-4973
- Westlake, D.G. Stoichiometries and interstitial site occupation in the hydrides of ZrNi and other isostructural intermetallic compounds 1-30224
- Westlake, D.G. *see* Jo, H.S.U. 1-30173
- Westmacott, K.H. *see* Little, J.A. 1-12994
- Westmacott, K.H. *see* Thomas, G. 1-2515
- Westmeier, W. Background subtraction in $\text{Ge}(\text{Li})$ gamma-ray spectra 1-51072
- Weston, D.E. Oblique reflection of inhomogeneous acoustic waves 1-37646
- Weston, D.E. *see* Tindle, C.T. 1-11236
- Weston, K.J. An observational study of convective cloud streets 1-44284
- Westphal, G.H., Rosenberger, F. Infrared spectrum of matrix-isolated SeOCl_2 1-24136
- Westphal, G.P. Quantitative gamma spectroscopy at very high counting rates 1-28786
- Westphal, J.A. *see* Cowens, M.W. 1-19468
- Westphal, J.A. *see* Gunn, J.E. 1-36426
- Westphal, J.A. *see* Peacock, J.A. 1-44656
- Westphal, J.A. *see* Young, P. 1-22924
- Westphal, W., Ruth, J., Kassing, D. Conditions and requirements for a potential application of Solar Power Satellites (SPS) for Europe 1-49472
- Westphal, W. *see* Ruth, J. 1-13107
- Westrum, E.F., Jr. Heat capacities of lanthanide compounds. Their morphology, Schottky, and lattice contribution 1-25454
- Westrum, E.F., Jr., Chirico, R.D., Gruber, J.B. Thermodynamics of some lanthanide trihalides. III. Reinterpretation of LnCl_3 Schottky anomalies 1-16053
- Westrum, E.F., Jr., Chirico, R.D., Gruber, J.B. Thermodynamics of the lanthanide trichlorides—reanalysis of the Schottky heat capacity contributions 1-25456
- Westrum, E.F., Jr. *see* Bartel, J.J. 1-16054
- Westrum, E.F., Jr. *see* Boerio-Goates, J. 1-16056, 1-16057
- Westrum, E.F., Jr. *see* Chirico, R.D. 1-25455
- Westrup, J. *see* Prinz, H. 1-27053
- Westwanski, B. *see* Aksamit, J. 1-38944
- Westwater, E.R., Guiraud, F.O. Ground-based microwave radiometric retrieval of precipitable water vapor in the presence of clouds with high liquid content 1-13548
- Westwater, J. On Edwards' model for polymer chains. II. The self-consistent potential 1-50060
- Westwood, H.J. Tensile hole time effects on isothermal and thermal low-cycle fatigue of 304 stainless steel 1-35389
- Westwood, W.D. *see* Maniv, S. 1-16687
- Wei, J.F. *see* de Wet, J.F.
- Wetherell, A.M. *see* Diddens, A.N. 1-14747, 1-23998
- Wetherell, A.M. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Wetherhold, R.C. *see* Pipes, R.B. 1-21584
- Wetherill, G.W., Drake, C.L. The Earth and planetary sciences 1-27126
- Wetherill, G.W. *see* Donath, F.A. (editor) 1-9790
- Wetmiller, R.J. *see* Stover, C.W. 1-49221
- Wetmore, R.W. *see* So, S.P. 1-33373
- Wette, F.W. *see* de Wette, F.W.
- Wetterling, W.T. *see* Dublon, G. 1-12361
- Wettling, W., Jantz, W., Dotsch, H. Magnetically tunable sound velocity in iron borate 1-3228
- Wetzel, C. *see* Bosse, J. 1-25133
- Wetzel, H., Gerischer, H. Surface enhanced Raman scattering from pyridine and halide ions adsorbed on silver and gold sol particles 1-31913
- Wetzel, H., Gerischer, H., Pettinger, B. Surface enhanced Raman scattering from silver-halide and silver-pyridine vibrations and the role of silver ad-atoms 1-52930
- Wetzel, H., Pettinger, B., Wenning, U. Surface-enhanced Raman scattering from ethylenediaminetetraacetic-disodium salt and nitrate ions on silver electrodes 1-8605
- Wetzel, H. *see* Pettinger, B. 1-35053, 1-52931
- Wetzig, J. *see* Reibold, M. 1-21581
- Weulerse, J.M. *see* Cahen-de Villard, J. 1-51212
- Wever, G.H., Dunn, P., Wiberg, J.S., Thompson, B.J. Optical diffraction and spatial filtering of electron micrographs of biological materials 1-53949
- Wever, H. *see* Prinz, N. 1-20443
- Wevers, H.W., Gouw, G.J. Design of a substitute medial collateral ligament and its fixation 1-49161
- Wexler, B.L., Palumbo, L.J. Experimental and theoretical performance characteristics of an X-ray preionized, 100 ns discharge XeCl laser 1-37472
- Wexler, S. *see* Young, C.E. 1-46089
- Wey, J. *see* Hugenschmidt, M. 1-15160, 1-38147
- Wey Chang-Lin *see* Chang-Lin Wey
- Weyand, K. DC-current control using SQUID-radiometer systems 1-36712
- Weyer, G. *see* Damgaard, S. 1-38365, 1-47102
- Weyer, G. *see* Navner, L.K. 1-7341
- Weyer, G. *see* Petersen, J.W. 1-42407
- Weyer, H.J. *see* Backenstos, G. 1-5685
- Weyer, H.J. *see* Schwanner, I. 1-15041
- Weyers, J. *see* Finger, J. 1-14343
- Weygand, D. *see* Chung, S.U. 1-41006, 1-45362
- Weygand, D.P. *see* Chung, S.U. 1-14423
- Weygand, D.P. *see* Gottesman, S.R. 1-10260
- Weyland, H.G. The effect of anisotropy in wet spinning poly(p-phenylene terephthalamide) 1-48441
- Weymann, K. *see* Muller, H. 1-20553
- Weymann, R.J. *see* Hege, E.K. 1-9715
- Weymann, G. *see* Abresch, U. 1-5536
- Weymuth, P. *see* Elen, J.D. 1-50923
- Weynand, E., Haudin, J.M., G'Sell, C. In situ observation of the spherulite deformation in polybutene-1 (modification I) 1-21510
- Weys, A. Radiation field calculations of pulsed ultrasonic transducers. I. Planar circular, square and annular transducers 1-24647
- Weys, A. Radiation field calculations of pulsed ultrasonic transducers. II. Spherical disc- and ring-shaped transducers 1-37759
- Weyrich, C., Pihali, M. Semiconductor light sources 1-6557
- Weys, N. The parts lasers and electronics play in large solar power stations 1-21845
- Whalen, D.H. Effects of vocalic formant transitions and vowel quality on the English [s]-[ʃ] boundary 1-37718
- Whalen, J.F. *see* Smith, A.B. 1-41108
- Whalen, J.F. *see* Smith, D.L. 1-45584
- Whaler, K.A. Does the whole of the Earth's core convect? 1-4476
- Whaley, P.W. Prediction of the change in natural frequency of a cantilevered flat plate with added lumped mass 1-1755
- Whall, T.E. Evidence for Anderson localization of the charge carriers in the high-temperature phase of Fe_2O_3 1-12154
- Whalley, E. *see* Klug, D.D. 1-38519
- Whalley, E.E. *see* David, J. 1-13154
- Whalley, P.B., Hutchinson, P. Comments on 'Adiabatic steam-water annular flow in an annular geometry' by P.S. Andersen and J. Wurtz 1-51858
- Whang, B.C.Y., Licht, G., Gilbert, R.C., Napper, D.H., Sangster, D.F. The effects of a chain transfer agent on the kinetics of the emulsion polymerization of styrene 1-48687
- Whang, S. *see* Giessen, B.C. 1-26418
- Whang, S.H. *see* Machlin, E.S. 1-7767
- Whangbo Myung-Hwan *see* Myung-Hwan Whangbo
- Wharton, L.E., Spencer, N.W., Brinton, H.C. Correlations between neutral meridional winds and ion densities observed on AE-E 1-9316
- Wharton, M.H., Waterhouse, R.B. Environmental effects in the fretting fatigue of Ti-6Al-4V 1-26626
- Wharton, W.R., Keister, B.D. Systematics of the (π^+p) reaction with light nuclei 1-45541
- Whately, A. *see* Seely, J.S. 1-40350
- Whatmore, R.W., Herbert, J.M., Ainger, F.W. Recent developments in ferroelectrics for infrared detectors 1-5375
- Whatmore, R.W., Shorrocks, N.M., O'Hara, C., Ainger, F.W., Young, I.M. Lithium tetraborate: a new temperature-compensated SAW substrate material 1-34988
- Whatmore, R.W. *see* Jones, G.R. 1-8005
- Wheaton, J.H., Whitson, J.C. Space-charge ion optics including extraction from a plasma 1-10905
- Wheaton, J.H. *see* Menon, M.M. 1-985
- Wheat, T.A. *see* Quon, D.H.H. 1-31392
- Wheeler, J.F. *see* Llewellyn Smith, C.H. 1-28256
- Wheatley, B.M. *see* Mayneord, W.V. 1-45738
- Wheaton, R.J. Distribution of ions in electrolyte solutions and plasmas. I 1-21737
- Wheaton, W.A. *see* Gruber, D.E. 1-22837
- Wheaton, W.A. *see* Rothschild, R.E. 1-49811
- Wheeler, B.C., Heetericks, W.J. The effects of sampling rate on the signal-to-noise ratio of biological signals 1-22178
- Wheeler, C.D. *see* Chung, S.U. 1-14423, 1-45362
- Wheeler, D.R. *see* Brainard, W.A. 1-39239
- Wheeler, F.J. *see* Grimesey, R.A. 1-6033
- Wheeler, H.B. *see* Meisner, J.S. 1-13342
- Wheeler, J.C. On Gibbs phase rule for optical enantiomers 1-33575
- Wheeler, J.C., Andersen, G.R. Some interesting new phase diagrams in hydrogen-bonded liquid mixtures 1-34468
- Wheeler, J.C., Kennedy, S.J., Pfeuty, P. Equilibrium polymerization as a critical phenomenon 1-26742
- Wheeler, J.C., Pfeuty, P. Polymer statistics, the n-vector model, and thermodynamic stability 1-52045
- Wheeler, J.C. *see* Cox, J.P. 1-44577
- Wheeler, J.C. *see* Gilden, D.L. 1-9556
- Wheeler, J.C. *see* King, D.S. 1-27542
- Wheeler, J.C. *see* Saio, H. 1-49605
- Wheeler, K.T. *see* Keng, P.C. 1-26958
- Wheeler, M.F., Darlow, R.L. Interior penalty Galerkin procedures for miscible displacement problems in porous media 1-24877
- Wheeler, R.G. *see* Cham, K.M. 1-7751
- Whelan, J.A.J. *see* Hanes, D.A. 1-32709
- Whelan, J.A.J. *see* Mayo, S.K. 1-27497
- Whelan, J.M. *see* Feng, Y.E.M. 1-2490
- Wherrett, B.S. *see* Dennis, R.B. 1-52919
- Wherrett, B.S. *see* Miller, D.A.B. 1-15233
- Wherrett, B.S. *see* Pidgeon, C.R. 1-31160
- Wherrett, B.S. (editor) Laser Advances and Applications. Proceedings of the Fourth National Quantum Electronics Conference 1-27669
- Whiffen, M.C. *see* Lau, J.C. 1-46829
- Whinnery, J.R. *see* Li, K.K. 1-41750
- Whipple, C. *see* Starr, C. 1-5076
- Whipple, E.B. Multiplet moments of NMR band spectra 1-14157
- Whipple, E.T.B. *see* McClelland, J.B. 1-28485
- Whipple, E.R. The Lorentzian-squared environmental broadening model in Mossbauer spectra 1-51028
- Whisnant, K. *see* Barger, V. 1-10125, 1-28258, 1-33144
- Whitaker, A. Crystal data for a third polymorph (γ) of C.I. pigment red 1,1'-[4-(nitrophenyl)azo]-2-naphthol 1-2419
- Whitaker, E.A. Why is the full Moon spotty? 1-22700
- Whitaker, M., Biondi, M.A., Johnsen, R. Electron-temperature dependence of dissociative recombination of electrons with CO^+ , $(\text{CO})_n$ -series ions 1-51315
- Whitaker, R.W. *see* Klein, R.I. 1-44599
- Whitbeck, M.R. Second derivative infrared spectroscopy 1-40876
- Whitby, R.A. *see* Altwickler, E.R. 1-43838
- Whitcomb, B.M. *see* Smiley, V.N. 1-54187
- Whitcomb, D.R. *see* Palmer, R.A. 1-14925
- Whitcomb, G. *see* Stoewer, H. 1-32593
- Whitcomb, J. *see* Stephens, R.B. 1-13170
- Whitcomb, J.H., Franzen, W.O., Given, J.W., Pechmann, J.C., Ruff, L.J. Time-dependent gravity in Southern California, May 1974 to April 1979 1-13381
- Whitcomb, S.E., Hildebrand, R.H., Keene, J. An f/35 submillimeter photometer for the NASA Infrared Telescope Facility 1-49525
- Whitcomb, S.E. *see* Keene, J. 1-9630
- Whitcomb, S.E. *see* Wright, E.L. 1-22866
- Whitcombe, D.N., Maguire, P.K.H. An analysis of the velocity structure of the Precambrian rocks of Charnwood Forest 1-4445
- White, A.M. The influence of surface properties on minority carrier lifetime and sheet conductance in semiconductors 1-30762
- White, A.M., Migliorato, P. Transient photoconductivity near a surface in a semi-infinite medium 1-47706
- White, A.M. *see* Dean, P.J. 1-47712
- White, A.M. *see* Wagner, R.J. 1-7941
- White, A.P. *see* Elliott, J.P. 1-18581
- White, A.R. *see* Silva, R.J. 1-41216
- White, B.R. *see* Hooper, R.C. 1-11173
- White, C.L., Liu, C.T. Outward diffusion and external oxidation of thorium in iridium alloys 1-39336
- White, C.T., Ngai, K.L. Polarons and bipolaron states in Si-inversion layers: possible origins and effects 1-7694
- White, C.T. *see* Ting, C.S. 1-12227
- White, C.W. *see* Alton, G.D. 1-23905

- White, C.W. *see* Christie, W.H. 1-15920, 1-30267
- White, C.W. *see* Zehner, D.M. 1-7433
- White, D. Remarks concerning the 58 keV line from Her X-1 interpreted as a synchrotron emission line 1-32725
- White, D. New formulation for ray theory range derivatives 1-46618
- White, D. *see* Clark, G. 1-49894
- White, D.H. *see* Day, C.T. 1-45312
- White, D.N., Ketelaars, C.E.J., Cledgett, P.R. Non-invasive techniques for the recording of vertebral artery flow and their limitations 1-35844
- White, D.R., Peaple, L.H.J., Crosby, T.J. Measured attenuation coefficients at low photon energies (9.88-59.32 keV) for 44 materials and tissues 1-43893
- White, D.R., Speller, R.D., Taylor, P.M. Evaluating performance characteristics in computerized tomography 1-49098
- White, D.R., Wilson, W.R.D. Solid-lubricant entrainment in hydrostatic extrusion 1-30318
- White, D.R. *see* Fitzgerald, M. 1-49097
- White, D.R. *see* Speller, R.D. 1-49099
- White, E. *see* Clark, G. 1-32815, 1-49894
- White, E. *see* Fitzgerald, M. 1-49097
- White, E.M. Light-aided transfer of dry developed electrostatic images 1-50248
- White, G.D., Bray, L.A., Hart, P.E. Optimization of thorium oxalate precipitation conditions relative to derived oxide interplanarity 1-43302
- White, G.J., Phillips, J.P. Molecular line observations of the I Ori OB association including NGC 2068, NGC 2071 and the HH-24 region 1-54596
- White, G.J. *see* Gillespie, A.R. 1-27581
- White, G.J. *see* Phillips, J.P. 1-36379
- White, G.K. Thermal expansion at low temperatures of the alkaline earth fluorides and PbF₂ 1-2661
- White, G.K. *see* Barron, T.H.K. 1-2658
- White, G.L. The visibility of two faint star sequences on the Palomar and ESO sky surveys 1-13817
- White, G.O., Patton, C.E. Magnetoelastic tuning of the antiferromagnetic resonances in orthoferrites 1-21058
- White, G.W. Starch granules as elementary lenses 1-51587
- White, H.W. *see* Graves, R.J. 1-42545
- White, H.W. *see* McCarthy, C.M. 1-38936
- White, I.A., Cooper, D.A. Selective excitation of the modes of multimode graded index fibers 1-11132
- White, I.F. *see* Bouville, A. 1-50914
- White, J., Springer, T. Neutron physics experiments with the hyperflux reactor at Grenoble. III. Novel applications in magnetism, chemistry and biology 1-10418
- White, J. *see* Ghose, R.K. 1-53250
- White, J.L., Czarnecki, L. On papers by Chan, White, and Oyanagi and by Goddard on elongational flow behavior of fiber-reinforced polymer melts 1-2038
- White, J.L., Tanaka, H. Comparison of a plastic-viscoelastic constitutive equation with rheological measurements on a polystyrene melt reinforced with small particles 1-37863
- White, J.L. *see* Minoshima, W. 1-51727
- White, J.L. *see* Tanaka, H. 1-42076
- White, J.M., Campbell, C.T. Surface chemistry in heterogeneous catalysis. An emerging discipline 1-5052
- White, J.M. *see* Koel, B.E. 1-8613
- White, J.M. *see* Praline, G. 1-8612
- White, J.M. *see* Rogers, J.W., Jr. 1-3577, 1-21778
- White, J.M. *see* Sato, S. 1-53695
- White, J.M. *see* Shi, S.-K. 1-34566, 1-34582
- White, J.R. Stress relaxation in polymers: a modified site model analysis 1-3814
- White, J.R. Burnup effects in data sensitivity studies 1-50867
- White, J.R., Bottenfield, B.F., North, E.D. Facility and equipment concepts for the Hot Experimental Facility 1-18860
- White, J.R., Burns, T.J. Development and verification of multicycle depletion perturbation theory 1-23812
- White, J.R., Ingersoll, D.T., Schmock, U. Analysis of the thorium axial blanket experiments in the PROTEUS reactor 1-28605
- White, J.R. *see* Coxon, L.D. 1-35290
- White, J.R. *see* Feldman, M.J. 1-18843, 1-50910
- White, J.R. *see* Langenberg, A. 1-10686
- White, K.D., Post, R.B., Leibowitz, H.W. Saccadic eye movements and body sway 1-4270
- White, L.R. *see* Chan, D.Y.C. 1-48744
- White, L.R. *see* Hough, D.B. 1-53476
- White, L.R. *see* Saari, D.P. 1-53629
- White, M. *see* Barber, D. 1-14407
- White, M. *see* Barber, D.P. 1-534, 1-28309
- White, M. *see* Becker, U. 1-51045
- White, M.A. *see* Callanan, J.E. 1-47251
- White, M.J. *see* Walsh, J.R. 1-13842
- White, M.N. *see* Richardson, P.W. 1-53625
- White, N.E., Charles, P.A., Thorstensen, J.R. The discovery of 'Sco X-1 type' behaviour from the X-ray burster 4U 1735-44 1-27635
- White, N.E., Pravdo, S.H., Becker, R.H., Boldt, E.A., Holt, S.S., Serlemitsos, P.J. The X-ray pulsars 4U 1145-61 and 1E 1145.1-6141 1-9722
- White, N.E. *see* Holt, S.S. 1-22892
- White, N.E. *see* Mason, K.O. 1-5001, 1-49726
- White, N.J. *see* Johnson, P.G. 1-36369
- White, N.M. The occultation of 119 Tauri and the effective temperatures of three M supergiants 1-49635
- White, N.M. *see* Millis, R.L. 1-54408
- White, O.R. *see* Grant Athay, R. 1-9451
- White, P.D. *see* Murray, R.J. 1-41936
- White, P.J. *see* Haliçioğlu, T. 1-7095
- White, R. *see* Harrison, J. 1-33659
- White, R.A., Yell, R.W. Precise differential-phase generator 1-36616
- White, R.A. *see* Burns, J.O. 1-40555
- White, R.A. *see* Martin, T.H. 1-28752
- White, R.A. *see* Wagner, B. 1-19766
- White, R.B. *see* Park, W. 1-6959
- White, R.E. Partial coherence matching of synthetic seismograms with seismic traces 1-4440
- White, R.E. *see* Adelman, S.J. 1-17853, 1-40481
- White, R.K. *see* Marnell, P. 1-13277
- White, R.L. The current status of cochlear prostheses 1-32311
- White, R.L., Schiffer, F.H., III, Mathis, J.S. Polarization in reflection nebulae. III. How good a grain diagnostic? 1-36366
- White, R.L. *see* Lucy, L.B. 1-36276
- White, R.L. *see* Soma, M. 1-32313
- White, R.M., Chuang, C.T., Lee, A.C.C. Bulk ultrasonic transducer employing piezoelectric film on thin metal sheet 1-51678
- White, R.M., Herring, C. Magnetic resonance in multilayer films 1-3267
- White, R.M. *see* Chen, P. 1-44911
- White, R.S., Stephen, R.A. Compressional to shear wave conversion in oceanic crust 1-4447
- White, S. *see* Melnick, J. 1-9687
- White, S.D.M., Silk, J. The X-ray structure of two rich galaxy clusters and its implications for the detectability of microwave diminutions 1-44650
- White, S.D.M. *see* Frenk, C.S. 1-9593
- White, S.H. Small phospholipid vesicles: Internal pressure, surface tension, and surface free energy 1-8828
- White, S.H. *see* Burrows, S.E. 1-21544
- White, V.A. *see* Alkkofer, O.C. 1-45773
- White, W.B. *see* Houser, C.A. 1-20477
- White, W.B. *see* Marusak, L.A. 1-3384
- White, W.B. *see* Park, H.L. 1-26218
- White, W.D. *see* Hodgetts, G.B. 1-34029
- White, W.E., Le May, I. Parametric methods and creep life prediction: optimum choice of parameter and relation to deformation mechanisms 1-39399
- Whitechurch, H. *see* Thuzait, R. 1-54047
- Whitehead, G.K. Flexibility and bend limitation of single fibre optical cables 1-11162
- Whitehead, J.A., Jr. Selective withdrawal of rotating stratified fluid 1-54243
- Whitehead, M.A. *see* Rooney, B. 1-1091
- Whitehead, M.A. *see* Tseng, T.J. 1-10643
- Whitehouse, D. Is the Solar System unique? 1-22839
- Whitehouse, G.D. *see* Maples, D. 1-35608
- Whitehouse, J.E., Goswami, N.K., Newman, R.C. New EPR data for chromium in electron-irradiated p-type GaAs: the observation of Cr complexes 1-43000
- Whitehouse, J.E. *see* Goswami, N.K. 1-38978
- Whitelaw, D.J., McLaughlin, I.L. The localisation of electrons in a dense fluid in one dimension 1-34644
- Whitelaw, J.H. *see* Highman, V. 1-8965
- Whitelaw, J.H. *see* Humphrey, J.A.C. 1-51871
- Whitelaw, J.H. *see* Khan, Z.A. 1-24859, 1-29742
- Whiteley, R.J. (editor) Geophysical case study of the woodland orebody, New South Wales, Australia 1-44729
- Whitelock, P.A. *see* Howarth, I.D. 1-40523
- Whiteman, J.R., Harrison, D. Numerical solution of a two dimensional coupled viscous flow/heat transfer problem 1-24818
- Whiteoak, J.B. *see* Batchelor, R.A. 1-54595
- Whitesel, R.H. *see* Linford, R.B. 1-5957
- Whiteside, R.A., Krishnan, R., Pople, J.A., Krogh-Jespersen, M.-B., von Rague Schleyer, P., Wenke, G. Small elemental clusters. I. The structures of Be₂, Be₃, Be₄, and Be₅ 1-46188
- Whitesides, G.E. *see* West, J.T. 1-45667
- Whitesides, G.E. *see* Westfall, R.M. 1-45668
- Whitfield, P.W. *see* Johnson, R.L. 1-990
- Whitford, D.J. *see* Rajan, R.S. 1-22740
- Whitford-Stark, J.L. Lunar surface morphology and stratigraphy: a remote sensing synthesis 1-4786
- Whitford-Stark, J.L., Head, J.W., III Stratigraphy of Oceanus Procellarum basalts: sources and styles of emplacement 1-27404
- Whitham, E.M. *see* Griffin, M.J. 1-13265, 1-17413
- Whiting, D.L. *see* Werner, M.W. 1-9496
- Whitley, J.B., Cowgill, D.F. Thermal fatigue of low Z coatings during electron and hydrogen ion bombardment 1-20279
- Whitley, J.B., Mullendore, A.W., Langley, R.A. Testing of low-Z-coated limiters in tokamak fusion devices 1-18891
- Whitley, J.B. *see* Langley, R.A. 1-23848
- Whitley, J.B. *see* Mattox, D.M. 1-20267
- Whitley, J.B. *see* Mullendore, A.W. 1-23849
- Whitley, R. *see* Webster, W.J., Jr. 1-54250
- Whitlock, C.H., Poole, L.R., Usry, J.W., Houghton, W.M., Witte, W.G., Morris, W.D., Gurganus, E.A. Comparison of reflectance with backscatter and absorption parameters for turbid waters 1-44213
- Whitlock, R.R. *see* Herbst, M.J. 1-38127
- Whitlock, R.R. *see* McLean, E.A. 1-7004
- Whitman, G.M., Leski, D.M., Schwering, F. Rigorous theory of scattering by perfectly conducting periodic surfaces with trapezoidal height profile. TE and TM polarization 1-41544
- Whitman, P.G. *see* Matese, J.J. 1-139
- Whitman, R. *see* Gottesman, S.R. 1-10260
- Whitmore, D.P., Matese, J.J. The slaved disc model for SS 433 1-27528
- Whitmore, D.P., Matese, J.J. Implications of the absence of eclipsing in SS 433 1-36308
- Whitmore, B.C. Velocity dispersions in M31 and M32 1-49794
- Whitmore, J. *see* Biswas, N.N. 1-18515
- Whitmore, J.E. *see* Ingalls, R. 1-35120
- Whitmore, S. *see* Doezema, R.E. 1-16381
- Whitney, A.R. *see* Robertson, D.S. 1-44085
- Whitney, D.D. *see* Ake, T.N. 1-50852
- Whitney, H.E. *see* Aarons, J. 1-49453
- Whitney, J.A. *see* Ellwood, B.B. 1-27063
- Whitney, J.M., Knight, M. The relationship between tensile strength and flexure strength in fiber-reinforced composites 1-16867
- Whitney, K.G., Davis, J., Apruzese, J.P. Influence of broadband photocoupling on K-shell excitation in aluminum 1-15606
- Whitney, R.R. *see* Kallne, J. 1-18686
- Whitney, R.W. *see* Gearhart, H.L. 1-53737
- Whitney, W.T. *see* Burnham, R. 1-37476
- Whitney, W.T. *see* Djou, N. 1-41437
- Whitson, J.C. *see* Wheaton, J.H. 1-10905
- Whittaker, A.G., Watts, E.J., Lewis, R.S., Anders, E. Carbynes: carriers of primordial noble gases in meteorites 1-44514
- Whittaker, E. *see* Mossberg, T.W. 1-14983
- Whittaker, J.B. *see* Saxon, D.H. 1-36877
- Whittaker, J.M. Dynamics with variable masses 1-55
- Whittaker, R.N. *see* Laughlin, M.H. 1-22141
- Whittaker, R.N., Jr. *see* Laughlin, M.H. 1-27011
- Whittaker, V.N. *see* Ibrahim, S.I. 1-12940
- Whitten, B.L. *see* Morgan, W.L. 1-29839, 1-38057
- Whitten, C.A., Jr. *see* Wriekat, A. 1-23659
- Whitten, R.C. *see* Knudsen, W.C. 1-40367
- Whitten, W.B. Time delay multiplexing of optical spectra with a fiber optic array 1-50213
- Whitten, W.B. *see* Ramsey, J.M. 1-46355
- Whittier, J.S. *see* Amimoto, S.T. 1-51470
- Whittingham, M.S., Chianelli, R.R. Layered compounds and intercalation chemistry: An example of chemistry and diffusion in solids 1-13968
- Whittington, S.G., Middlemiss, K.M., Torrie, G.M., Gaunt, D.S. Valences of sites in Percolating and non-percolating clusters 1-18167
- Whittington, S.G. *see* Gaunt, D.S. 1-5240
- Whittington, S.G. *see* Ishinabe, T. 1-36573
- Whittington, S.G. *see* Ord, G. 1-5236
- Whittle, D.P., Boone, D.H., Allam, I.M. Morphology of Al₂O₃ scales on doped Co-Cr-Al coatings 1-31756
- Whittle, D.P. *see* Allam, I.M. 1-35433
- Whittle, D.P. *see* Gesmundo, F. 1-3967
- Whittle, D.P. *see* Roper, G.W. 1-16107
- Whittle, D.P. *see* Trafford, D.N.H. 1-16942, 1-16943
- Whittle, G.L., Clark, P.E., Cywinski, R. Vacancies and site occupation in Co-Ga-Fe alloys-[Mossbauer study] 1-7984
- Whittle, G.L., Cywinski, R., Clark, P.E. On the precipitation of α -Fe in Au-Fe solid solutions [Mossbauer study] 1-7986
- Whittle, M.J., Coffey, J.M. The PISC exercise: a discussion of its relevance to ultrasonic inspection of pressure vessels 1-48595
- Whittlestone, S. *see* Cawley, R.J. 1-23989
- Whitton, J.L. *see* Braun, M. 1-25334
- Whitton, J.L. *see* Grant, W.A. 1-7218
- Whitworth, C.A., Turk, E.J. Obtaining upper management's commitment up front is a key factor in achieving success in your startup program 1-18800
- Whitworth, I., Thickpenny, J. Fatigue damage monitoring 1-17012
- Whitworth, T., III. Zonation and geostrophic flow of the Antarctic Circumpolar Current at Drake Passage 1-27168
- Whorf, T.P. *see* Bacastow, R.B. 1-54207
- Whulser, A. *see* Brouty, C. 1-7156

- Whulser, A. *see* Spinat, P. 1-34307
 Wiant, J.R. *see* Evans, D.S. 1-9485
 Wiaux, J.P. *see* Mamantov, G. 1-32009, 1-53583
 Wiberg, J.S. *see* Wever, G.H. 1-53949
 Wibulswas, P. Economic analyses of solar water heater and solar stills in Thailand 1-21925
 Wickel, E. Experimental contributions to the band structure characteristics of palladium alloy and vanadium alloy hydrides 1-20614
 Wickens, A.J., Buchbinder, G.G.R. S-wave residuals in Canada 1-2231
 Wickens, F. *see* Baumg., A. 1-36881
 Wickens, F. *see* Daum, C. 1-14424, C. 1-28357
 Wickens, J. *see* De Clercq, C. 1-28346
 Wickens, J.H. *see* Allasia, D. 1-23495
 Wickham, A. *see* Desplanches, G. 1-3726
 Wickham, A.J. *see* Wood, C.J. 1-10442
 Wicklund, A.B., Ayres, D.S., Cohen, D., Diebold, R., Pawlicki, A.J. Scalar mesons in $\pi\pi$ and $K\bar{K}$: results of a unitary amplitude analysis 1-5644
 Wicklund, A.B. *see* Ambats, I. 1-1026
 Wicklund, A.B. *see* Cohen, D. 1-33200
 Wicklund, E. *see* Brandelik, R. 1-23510, 1-50411
 Wickman, F.E. *see* Thorslund, P. 1-40442
 Wickramasinghe, D.T. *see* Coc, M.J. 1-54558
 Wickramasinghe, D.T. *see* Mayo, S.K. 1-27497
 Wickramasinghe, N.C. *see* Hoyle, F. 1-13824, 1-13826
 Widder, F. *see* Mitter, H. 1-5471
 Widdicombe, J.H. *see* Welsh, M.J. 1-49029
 Widdowson, J.P. *see* Fellows, S.K. 1-32056
 Wideman, D.C., Thomas, J.R., Jr. Heat conduction in rarefied gases between concentric cylinders: arbitrary accommodation on both surfaces 1-29729
 Widenborn, G. Non-destructive testing methods for electronic parts 1-4023
 Widenlocher, G. *see* Chatelet, M. 1-37315
 Wider, H.U. *see* Tentner, A.M. 1-5961
 Widera, A., Schafer, H. Interphases between Zintl phases and real salts 1-31442
 Widera, A., Schafer, H. Phase diagram of the Sr-Sn system and the compound Sr_2SnO 1-39309
 Widera, R. *see* Paulsen, A. 1-23654
 Widing, K.G., Spicer, D.S. XUV observations of a dense, compact flare 1-49590
 Widmaier, J.M., Meyer, G.C. Structural evolution of an ABA poly(styrene-*b*-isoprene) block copolymer with temperature 1-52210
 Widmer, A.E. *see* Harbeck, G. 1-52449
 Widnall, S.E. *see* Pierrehumbert, R.T. 1-46757
 Widner, M.M. *see* Quintenz, J.P. 1-7009
 Widom, A., Megaloudis, G., Sacco, J.E., Clark, T.D. Theory of quantum-electrodynamic flux tunneling in a superconducting ring with a Josephson weak link 1-42915
 Widom, A. *see* Havens-Sacco, S.M. 1-2761
 Widom, A. *see* Prance, R.J. 1-42914
 Widom, B. *see* Ramos-Gomez, F. 1-27908
 Wiebe, P.H. *see* Fairbanks, R.G. 1-44212
 Wiebelt, J.A. *see* Henderson, J.B. 1-39824
 Wierderink, T.J. *see* Minjheer, B.J. 1-32249
 Wiebke, H.J., Zhukov, M.V. Three-body nuclear molecular states 1-28405
 Wiech, G. *see* Tegeler, E. 1-26310
 Wiechert, H., Tilly, C., Lauter, H.J. Absence of continuous nucleation for solid ^4He on MgO 1-38605
 Wiechmann, B. *see* Gopel, W. 1-47919
 Wiecko, C. *see* Allub, R. 1-42893
 Wieckowski, A., Andreev, V.N., Zelenay, R., Sobkowski, J., Kazarinov, V.E. Effect of surface preparation technique of platinum electrodes on the composition of methanol adsorption products 1-52435
 Wiczorek, E., Lubuska, A. Statistical relation between the content of non-metallic inclusions and plasticity factors of low-carbon steel 1-21550
 Wiczorek, J. *see* Fabisiak, K. 1-12657
 Wiczorek, J. *see* Szczurek, T. 1-23283
 Wiczorek, L.-W. *see* Fischer, R. 1-1631
 Wiczorek, R. *see* de Camp, U. 1-1758
 Wiczorek, S. *see* Karolak, J. 1-38162
 Wiedemeier, H., Chandra, D., Klaessig, F.C. Diffusive and convective vapor transport in the GeSe-Gel₂ system 1-34266
 Wiedenbeck, M.E., Greiner, D.E. A cosmic-ray age based on the abundance of ^{10}Be 1-4730
 Wiedenbeck, M.E., Greiner, D.E. Isotopic anomalies in the galactic cosmic-ray source 1-49463
 Wiedner, H. *see* Guarnieri, C.R. 1-48274, 1-50203
 Wiedner, H.H. Problems and prospects of compound semiconductor field-effect transistors 1-16374
 Wiedner, H.H. *see* Baglee, D.A. 1-16375
 Wiedner, H.H. *see* Ching, L.Y. 1-48066
 Wiedenborn, S.M., Hocky, B.J., Ruff, A.W., Ives, L.K. Erosion of brittle materials by solid particle impact 1-26628
 Wiedenborn, S.M. *see* Lawn, B.R. 1-3831
 Wiederick, H.D., Mukherjee, B.K., Baird, D.C. Dynamic resistance of the current-induced intermediate state in superconductors 1-16414
 Wiederick, H.D. *see* Chan, S.L. 1-16406
 Wiedersich, H. *see* Rehn, L.E. 1-21322
 Wiedhaas, F. *see* Alkhazov, I.D. 1-28507
 Wiedmann, J. *see* Penzkofer, A. 1-19109
 Wiedmann, L. *see* Ganschow, O. 1-30538, 1-30572
 Wiedmann, U. *see* Feustel, J.E. 1-26848
 Wiedner, C.-A., Cordell, K.R., Saathoff, W., Thornton, S.T., Bolger, J., Boschitz, E., Proebstle, G., Zichy, J. Neutron and proton components of nuclear transitions in pion inelastic scattering on ^{26}Mg 1-18593
 Wiegand, M. Intensity correlations in resonance fluorescence from two atoms 1-45896
 Wiegand, M. *see* Sauermaann, G. 1-52787
 Wiegand, W.J., Boedeker, L.R. Attachment and ionization in HgBr_2 1-37341
 Wiegand, W.J. *see* Nighan, W.L. 1-38186
 Wiegel, F.W. Fluid flow through porous macromolecular systems 1-36462
 Wiegeler, A. *see* Demus, D. 1-20366
 Wiegeler, A. *see* Kresse, H. 1-21123
 Wiegels, H. *see* Herberich, R. 1-43405
 Wieggers, G.A. *see* Helmholtz, R.B. 1-2616
 Wiegmann, J. Sintering of dense ceramic materials at temperatures below 1000°C using waste glass as a raw material 1-16729
 Wiegmann, P.B. Towards an exact solution of the Anderson model 1-20946
 Wiegmann, P.B. *see* Fateev, V.A. 1-38907
 Wiegmann, P.B. *see* Filoyov, V.M. 1-38906
 Wiegmann, W. *see* Gornik, E. 1-52941
 Wiegmann, W. *see* Passner, A. 1-29275
 Wiegmann, W. *see* Pinczuk, A. 1-7719, 1-12516, 1-52960
 Wiegmann, W. *see* Tsui, D.C. 1-7724
 Wiegmann, W. *see* Weisbuch, C. 1-52990
 Wiegner, A.W., Bing, O.H.L. Applicability of the Maxwell and Voigt models to isolated cardiac muscle 1-22051
 Wieh, H.J., Schochlin, W.A., Magun, A. Microwave time delays as evidence for a collisionless conduction front 1-36239
 Wieh, H.J., Schochlin, W.A. Temporal and spectral investigation of two thermal impulsive microwave and X-ray bursts of 1972 May 18 for the determination of source parameters 1-4903
 Wiel, J.M. Van der *see* Van der Wiel, J.M.
 Wiel, M.J. Van der *see* van der Wiel, M.J.
 Wiel, P.F.A. Van der *see* van der Wiel, P.F.A.
 Wielebinski, R. *see* Adernach, H. 1-49831
 Wielebinski, R. *see* Bartel, N. 1-36316
 Wielke, B. Thermally activated dislocation movement at plastic deformation 1-42381
 Wielke, B., Chalupka, A., Schoeck, G. 'Anomalies' of plastic deformation of Cd, Zn and Mg at low temperatures 1-12831
 Wielke, B. *see* Dotsenko, V.I. 1-43353
 Wielunski, L., Scott, D.M., Nicolet, M.-A., von Seefeld, H. Alteration of Ni silicide formation by Ni implantation 1-47396
 Wieman, H.H. *see* Bini, M. 1-14541
 Wieme, W., Lenaerts, J. Excimer formation in argon, krypton, and xenon discharge afterglows between 200 and 400 K 1-38168
 Wien, K. *see* Becker, O. 1-31294
 Wieneke, G.H., Deinema, C.H.A., Spoelstra, P., Storm Van Leeuwen, W., Versteeg, H. Normative spectral data on alpha rhythm in male adults 1-27012
 Wiener, L. Modern trends in the construction of weighing instrumentation 1-9970
 Wiener, U.E. A new mathematical model for the analysis of metrological reliability 1-23153
 Wiener, V. *see* Blazek, V. 1-35851
 Wienhold, P., Profant, M., Waelbroeck, F., Winter, J. Computer code PERI for the calculation of recycling, volume distribution, and permeation of hydrogen in first wall materials of Tokamaks 1-25045
 Wienhold, P. *see* Braun, M. 1-25504
 Wienhold, P. *see* Waelbroeck, F. 1-30555
 Wienhold, P. *see* Winter, J. 1-23851
 Wienke, B.R. Reduction of azimuthally symmetric collision kernels 1-200
 Wientzen, R., Davis, W.J., Forkey, R.E. High temperature solar concentrator design 1-46526
 Wientzen, R. *see* Vanderhoff, J. 1-46520
 Wier, S. A change in seismicity near the Mid-America Trench following the Oaxaca earthquake 1-44121
 Wierenga, P.E., Sparnaay, M.J., Van Silfhout, A. Reflectometric study of surface states and oxygen adsorption on clean Si(100) and (110) surfaces 1-8095
 Wierenga, P.E. *see* van der Werf, K.O. 1-329
 Wieringa, H., Mast, J.P. Multi-directional force and moment transducer 1-23213
 Wieringa, J. A reevaluation of the Kansas mast influence on measurements of stress and cup anemometer overspeeding 1-9200
 Wieringa, J. Representativeness of wind observations at airports 1-44232
 Wieringa, K.T., Sleswyk, A.W. Plasticity of Duralumin in low cycle fatigue 1-31643
 Wieringen, J.S. *see* van Wieringen, J.S.
 Wierman, R.W. *see* Klos, D.B. 1-50940
 Wiersma, D.A. *see* Hesp, B.H. 1-12485
 Wiersma, D.A. *see* Hesselink, W.H. 1-47179
 Wiersma, D.A. *see* Morsink, J.B.W. 1-29346
 Wierum, F.A. *see* Grissom, W.M. 1-38618
 Wierzbanowski, K., Jasienki, Z. Prediction of surface textures and of the heterogeneity of rolling textures 1-48361
 Wierzbiata, T. On accuracy and sensitivity of two-parameter measurement methods in application for moisture measurement 1-27994
 Wierzbiński, T. *see* Ploch, J. 1-33909
 Wierzbiński, T. *see* Wojno, W. 1-29566
 Wierzbowski, P. *see* Kaczmarczyk, J. 1-29202
 Wierzecholski, K. Theoretical considerations and method of calculation for ferromagnetic shells in a magnetic field treated as a non-linear problem in elasticity 1-19573
 Wierzecholski, K. A non-Newtonian ferrofluid flow in the deformable gap of a journal bearing in a magnetic field 1-24853
 Wierzejewska-Hnat, M., Mielke, Z., Ratajczak, H. Infrared studies of complexes between carboxylic acids and tertiary amines in argon matrices 1-10735
 Wiescher, M., Becker, H.W., Gorres, J., Kettner, K.-U., Trautvetter, H.P., Kieser, W.E., Rott, C., Azuma, R.E., Jackson, K.P., Hammer, J.W. Nuclear and astrophysical aspects of $^{18}\text{O}(p,\gamma)^{19}\text{F}$ 1-18617
 Wiese, H. *see* Goldacker, H. 1-18864
 Wiese, U. *see* Schafer, H. 1-35572
 Wieschahn, W. *see* Lobb, D.E. 1-37022
 Wiesemann, W. *see* Boscher, J. 1-21969
 Wiesener, K. *see* Papazov, G. 1-53575
 Wiesenfeld, J.M. *see* Damen, T.C. 1-51529
 Wiesenfeld, J.M. *see* Ippen, E.P. 1-19369
 Wiesenfeld, J.R. *see* Force, A.P. 1-48666
 Wiesenfeld, J.R. *see* Loge, G.W. 1-41446
 Wiesenfeld, L. *see* Dutasta, J.P. 1-34950
 Wiesner, H. *see* Dixon, E.A. 1-45960
 Wiesner, H. *see* Smithson, T.L. 1-1216
 Wiesner, H. *see* Sont, W.N. 1-33455
 Wiesner, H.G. *see* Meles, H.P. 1-32281
 Wiesner, P. *see* Kaufmann, R. 1-4146
 Wiesner, P. *see* Seiler, H. 1-54195
 Wiesinger, G., Oppelt, A., Buschow, K.H.J. Hyperfine interactions and local magnetic ordering in $\text{Zr}(\text{Fe}_{1-x}\text{Co}_x)_2$ ($0 \leq x \leq 0.2$) 1-47984
 Wiesinger, G. *see* Schachovskiy, V. 1-52806
 Wiesinger, K. *see* Chang, H.R. 1-48067
 Wiesnet, D.R. *see* Matson, M. 1-44221
 Wieters, C.-U. *see* Holzapfel, G. 1-8352
 Wieters, W. *see* Luther, K. 1-13023
 Wieteska, K. *see* Naumowicz, P. 1-20152
 Wigand, M. *see* Orth, H. 1-10875
 Wiget, J.M. *see* Nicol, M.F. 1-3729
 Wiggers, L.W., Saris, F.W. Effect of the Fermi level position in silicon on ion-induced displacement of impurities 1-11795
 Wiggers, L.W. *see* Daum, C. 1-14736
 Wiggins, J.D., Jr. *see* Scott, A. 1-5768
 Wight, C.A., Beauchamp, J.L. Infrared laser photochemistry of vibrationally excited cyanobenzene cation prepared by internal conversion following electronic excitation 1-31874
 Wight, C.A., Beauchamp, J.L. Infrared laser photochemistry of vibrationally excited molecules prepared by internal conversion processes following electronic excitation 1-46046
 Wightman, A.S. Should we believe in quantum field theory? 1-28202
 Wiglasz, W., Kubac, J. Magnetic properties of cold rolled silicon steels of Czechoslovak origin 1-3146
 Wigley, G. *see* Drain, L.E. 1-2116
 Wigmore, J.K., Patel, J.L., Mkhwanazi, X.H., Fletcher, J.R. Stress effects in the scattering of thermal phonons by Jahn-Teller impurities in MgO 1-15996
 Wignall, J.W.G. *see* De Roach, J. 1-36873
 Wiik, B.H. Recent results from DASP 1-28335
 Wiik, B.H. *see* Boerner, H. 1-14741
 Wiik, B.H. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Wiin-Nielsen, A.C. *see* Kallen, E.K. 1-44281
 Wiita, P.J., Siah, M.J. Beam models for radio sources. III. Offset sources and single jets 1-54647
 Wijangco, A. *see* Aston, D. 1-14399, 1-45297, 1-50442
 Wijangco, A. *see* Chiang, I.-H. 1-45353
 Wijesundara, N.E. *see* Samuel, T.D.M.A. 1-53661
 Wijk, M.C. *see* van Wijk, M.C.
 Wijk van Brievingh, R.P. *see* van Wijk van Brievingh, R.P.
 Wijnsends Van Resandt, R.W., De Maeyer, L. Picosecond rotational diffusion by differential single-photon fluorescence spectroscopy 1-51234
 Wijnenbergen, J.J. *see* Boisse, P. 1-54618
 Wijnen, C.R. Programmable slide fair 1-10031
 Wijngaarden, R.J., Silveira, I.F. Selection of diamonds for Raman scattering in diamond anvil cells 1-31161
 Wijnenheijmer, M.L. *see* Hemmes, R.J. 1-49470
 Wikan, A. *see* Trulsen, J. 1-27353

- Wikander, G. Perfluorocyclohexane, an effective electron scavenger, used as a weak positronium-inhibitor in different non-polar solvents 1-31224
- Wikjord, A.G., Rummery, T.E., Doern, F.E., Owen, D.G. Corrosion and deposition during the exposure of carbon steel to hydrogen sulphide-water solutions 1-16951
- Wikstrand, J., Wallentin, I., Hartford, M., Berglund, G. The corrected (orthogonal) ECG in the early diagnosis of the influence of hypertension on the heart 1-22158
- Wikswa, J.P., Jr. Measurements of magnetic field of isolated nerves 1-32336
- Wikswa, J.P., Jr., Barach, J.P. An estimate of the steady magnetic field strength required to influence nerve conduction 1-26935
- Wikswa, J.P., Jr., Barach, J.P., Freeman, J.A. Magnetic field of a nerve impulse: first measurements 1-4306
- Wikswa, J.P., Jr. see Barach, J.P. 1-4304
- Wiktor-Jedrzecjak, W.W. see Sulek, K. 1-8912
- Wiktorczyk, T., Wesolowska, C. Dielectric properties of ytterbium oxide films deposited by electron beam evaporation 1-3332
- Wilamowski, Z. see Wittlin, A. 1-7667, 1-47948
- Wilband, J.T. see Taylor, T.R. 1-27122
- Wilbourn, R.G., Benedict, G.E. Effects of thorium, uranium, and zirconium on tributyl phosphate hydrolysis rate 1-41222
- Wilbrand, A., Fischer, F. Thermally stimulated depolarization of NCS⁻ centres in potassium and rubidium halide crystals 1-3322
- Wilbrandt, P.-J. The limits of a reliable interpretation of recrystallization texture in terms of multiple twinning 1-21475
- Wilbrandt, R., Jensen, N.H., Pagsberg, P., Sillesen, A.H., Hansen, K.B., Hester, R.E. Resonance Raman spectrum of the transient dimethylsulphide dimer radical cation $[(CH_3)_2S_2]^+$ 1-41384
- Wilbrandt, R. see Jensen, N.H. 1-51211
- Wilcke, W.W. see Breuer, H. 1-23674
- Wilcke, W.W. see Hilscher, D. 1-50639
- Wilcomb, B.E., Burnham, R., Djeu, N. UV absorption cross section and fluorescence efficiency of HgBr₂ 1-10746
- Wilcox, B.M. see Downie, D.E. 1-22040
- Wilcox, J.M., Hockema, J.T., Scherrer, P.H. Origin of the warped heliospheric current sheet 1-27355
- Wilcox, J.M. see Lundstedt, H. 1-54329
- Wilcox, J.M. see Scherrer, P.H. 1-27350
- Wilcox, J.Z. see Lau, K.F. 1-15356
- Wilcox, W.R. see Clark, P.A. 1-3615
- Wilcox, W.R. see Ravishanker, P.S. 1-8290
- Wilcox, W.W. see Calder, C.A. 1-53223
- Wilczek, E. see Miles, R.B. 1-1793
- Wilczek, F. The cosmic asymmetry between matter and antimatter 1-49872
- Wilczek, F. see Toussaint, D. 1-45172
- Wilczek, F. see Treiman, S.B. 1-9749
- Wilczynski, J. Incomplete fusion or massive transfer? 1-50650
- Wilczynski, J. see van Driel, J. 1-33271
- Wilczynski, J.S. see Santy, W.G. 1-51585
- Wilczynski, J.S. see Tibbetts, R.E. 1-46527
- Wild, G., Schlunder, N., Schlunder, E.U. Absorption of a single two-component-bubble into liquid 1-24871
- Wild, J.F. see Nitschke, J.M. 1-36971
- Wild, J.P. The Sun of Stefan Smerd 1-45
- Wild, N., Gekelman, W., Stenzel, R.L. Resistivity and energy flow in a plasma undergoing magnetic-field-line reconnection 1-38054
- Wild, P. Supernova in NGC 6946 1-9543
- Wild, U.P. see Griesser, H.J. 1-19127, 1-37174
- Wild, W., Glaefke, H., Fitting, H.-J. A study of radiation damage in thin SiO₂ layers with TSEE and IR techniques 1-38412
- Wild, W.J. Brief note concerning Melvin's solution 1-9904
- Wild, W.J., Wilner, K., Durvasula, L.N. Recursive formulas for the reflectance, transmittance, and absorbance of a stack of parallel media 1-37400
- Wilde, B.E., Kim, C.D., Phelps, E.H. Some observations on the role of inclusions in the hydrogen induced blister cracking of linepipe steels in sulfide environments 1-43582
- Wilde, M. de see de Wilde, M.
- Wilde, M.G. see Humphries, S., Jr. 1-34092
- Wilde, P. see Jackson, P.C. 1-53862
- Wilde, P. see Piggott, M.R. 1-21512
- Wilde, R.J. de see de Wilde, R.J.
- Wilde, R.R. see Garcilazo, H. 1-10246
- Wilden, D.G., Comer, J. A study of spin and symmetry forbidden transitions in CS₂ by high resolution energy-loss spectroscopy 1-29125
- Wildenthal, B.H., Chung, W. Collapse of the conventional shell-model ordering in the very-neutron-rich isotopes of Na and Mg 1-14466
- Wildenthal, B.H. see Bernas, M. 1-14538
- Wildenthal, B.H. see Nann, H. 1-45427
- Wilder, D.G., Woodworth, B.B., Frymoyer, J.W., Pope, M.H. Energy absorption in the human spine 1-22052
- Wildermuth, K. see Toyoda, T. 1-23050
- Wilderson, J.F. see Tonsfeldt, S.A. 1-28457
- Willey, R.L. On the extraction of directional sea/wave spectra from synthetic-aperture radar-signal arrays without matched filtering 1-49397
- Wildi, E., Knutti, J.W., Allen, H.V., Meindl, J.D. Dynamics and limitations of blood/muscle interface detection using Doppler power returns 1-8930
- Wildi, P. see DeBlois, R.L. 1-931
- Wilding, M.A. see Capaccio, G. 1-42327
- Wildman, S.S. see Sagan, L.A. 1-28747
- Wildman, T.A. Conformational analysis and the quantum mechanical picture of internal rotation in molecules 1-6403
- Wildman, T.A. see Schaefer, T. 1-51222
- Wilems, R.E. see Williams, R.F. 1-45641
- Wilets, L. see Freedman, R.A. 1-23480, 1-50458
- Wiley, B.H. see Freeman-Lynde, R.P. 1-49310
- Wiley, D.C. see Wilson, I.A. 1-43849
- Wiley, J.C., Duk-In Choi, Horton, W. Simulations of the runaway electron distributions 1-19862
- Wiley, J.C., Hinton, F.L. Bremsstrahlung spectra associated with anomalous electron thermal conduction 1-11525
- Wiley, J.D., Frouhar, A. The measurement of absorption edges in strongly dichroic materials 1-26156
- Wiley, J.S. see Lin, C.C. 1-18797
- Wiley, R.S. see Pincach, A.C. 1-13282
- Wilfred, V. see Rudraiah, N. 1-11469
- Wilgen, J.B. see Milora, S.L. 1-33346
- Wilhelm, H.E. Liouville equation for turbulent gases 1-5230
- Wilhelm, H.E., Hong, S.H. Stress relaxation waves in fluids 1-2009
- Wilhelm, I. see Winkler, R. 1-24943
- Wilhelm, J., Winkler, R. Relaxation of plasma electrons towards stationary states as related to different initial energy distributions and for a wide range of the final electric field strength 1-34042
- Wilhelm, J. see Winkler, R. 1-15600
- Wilhelm, J.W. see Starykh, V.V. 1-2145
- Wilhelm, K. On the relation between magnetic field-aligned electrostatic electron acceleration and the resulting auroral energy flux 1-54315
- Wilhelm, K. see Bruning, K. 1-54316
- Wilhelm, M., Everwin, P. Cyclic deformation behaviour of α -copper and underaged copper-cobalt alloy single crystal 1-31568
- Wilhelm, W., Daniel, H., Hartmann, F.J. Measurement of the Z₁² correction to the stopping power of Al for muons 1-28467
- Wilhelm, W. see Daniel, H. 1-51069
- Wilhelm, W. see Reidy, J.J. 1-15043
- Wilhelm, W. see von Egidy, T. 1-46175
- Wilhelmi, B. Application of ultra-short light pulses in measuring technique 1-28049
- Wilhelmi, B., Herrmann, J. Coherent interaction effects in probe pulse experiments 1-46437
- Wilhelmi, B. see Schubert, D. 1-40832
- Wilhelmi, B. see Schubert, M. 1-29330
- Wilhelmi, U. see Schlungbaum, W. 1-9002
- Wilhelmsson, H. Resonant interaction between an active molecular medium and a free electron laser 1-10954
- Wilhelmsson, H. see Nakach, R. 1-42169
- Wilhelmy, J.B. see Harrach, R. 1-50693
- Wilhold, G.A. see Delonback, L.M. 1-39733
- Wilhold, G. Measurement and control technique in waste water treatment and material recovery 1-21966
- Wilke, A. see Champy, M. 1-8962
- Wilke, G. see Treleani, D. 1-45501
- Wilke, L. see Vosko, S.H. 1-20644
- Wilke, H. Numerical treatment of a flat boundary dynamical problem by means of a projection-iteration procedure 1-41938
- Wilke, I., Schwabe, R., Bindemann, R., Jacobs, K., Seifert, W. Luminescence from an electron-hole liquid in the indirect compound Ga(As_{1-x}P_x) 1-12574
- Wilke, W. see Gunther, W. 1-23636
- Wilkelm, M. see Vogel, W. 1-30243
- Wilkenning, G., Hesse, J. Electrical pendulum for educational purpose 1-27733
- Wilkenning, L. see Allen, J.S. 1-22744
- Wilkins, L.S. see Reid, R.C. 1-39689
- Wilkins, M., Kirchner, H.O.K. Black-white contrast on transmission electron microscope images of small dislocation loops in elastically anisotropic crystals 1-42390
- Wilkerson, J.A. see Lang, D.D. 1-921
- Wilkerson, M.S. Neutral-hydrogen observations of smooth-arm spiral galaxies 1-22891
- Wilkerson, M.S., Romanishin, V. Comparisons of the orientations of double-lobed radio sources and their associated elliptical galaxies 1-54605
- Wilkes, G.L. see Ophir, Z. 1-15817
- Wilkes, N.S. On the non-existence of semi-groups for some equations of continuum mechanics 1-27780
- Wilkes, P. see Tjha, E. 1-52178
- Wilkes, P. see Zee, R. 1-20381
- Wilkes, P. see Zee, R.H. 1-52256
- Wilkes, P.B. see Barber, D.P. 1-5635, 1-28329, 1-28330
- Wilkie, D. Effect of dimensional variations on the effective friction factor of pin-cluster fuel elements 1-5836
- Wilkie, T. Tricasting points the road to energy independence 1-14686
- Wilkin, C. see Germond, J.-F. 1-41138
- Wilking, B.A. see Lada, C.J. 1-49761
- Wilkins, A.J. see Binnie, C.D. 1-49139
- Wilkins, B.D. see Kaufman, S.B. 1-14508
- Wilkins, B.D. see Loveland, W. 1-41090
- Wilkins, B.J.S. see Simpson, L.A. 1-48517
- Wilkins, B.T. The estimation of global activity concentrations of krypton-85 and the resulting doses to the public 1-39855
- Wilkins, C. see Randic, M. 1-15029
- Wilkins, C.J. see Nakata, M. 1-10841, 1-46123
- Wilkins, F.J. see Klonz, M. 1-36621, 1-36693
- Wilkins, G.A. see Davies, M.E. 1-4797
- Wilkins, R.L., Kwok, M.A. Temperature dependence of vibrational relaxation from the upper vibrational levels of HF and DF 1-1335
- Wilkins, S.W. see Mair, S.L. 1-46949
- Wilkinson, A. see Searle, L. 1-9584
- Wilkinson, C. see Chandra, R. 1-26087
- Wilkinson, C. see Yamin, P. 1-45372
- Wilkinson, C.D. see Falk, C.F. 1-4368
- Wilkinson, C.D.W. see Yi-Yan, A. 1-15284, 1-24479
- Wilkinson, C.L. see Jones, G.D. 1-28816
- Wilkinson, D.A. see Collins, C.B. 1-49867
- Wilkinson, D.H. see Alburger, D.E. 1-36930
- Wilkinson, D.R. see Edwards, S.F. 1-9932
- Wilkinson, D.S., Abiko, K., Thyagarajan, N., Pope, D.P. Compositional effects on the creep ductility of a low alloy steel 1-26561
- Wilkinson, D.S. see Vitek, V. 1-12877
- Wilkinson, D.T. see Boughn, S.P. 1-54664
- Wilkinson, I. see David, J. 1-13154
- Wilkinson, J. Inside the scanning electron microscope 1-5442
- Wilkinson, J., Taylor, C. TMR techniques permit biochemical research on live animals 1-4397
- Wilkinson, J.A.H. see Yi-Yan, A. 1-24479
- Wilkinson, J.P.D. see Shih, C.F. 1-48643
- Wilkinson, M.C. see Hearn, J. 1-53477
- Wilkinson, M.J., Northcote, D.H. A simple apparatus for use in matched freeze-fracture replication 1-386
- Wilkinson, P. see Freeman, N.C. 1-40659
- Wilkinson, P.N. see Kus, A.J. 1-44667
- Wilkinson, P.N. see Porcas, R.W. 1-49851
- Wilkinson, R.G. see Snell, A.H. 1-22987
- Wilkinson, R.W. Principles of real-time two-dimensional B-scan ultrasonic imaging 1-43926
- Wilkinson, W.L. see Quader, A.K.M.A. 1-19815
- Wilks, G. see Hunt, R. 1-29645
- Will, C.M. The confrontation between gravitation theory and experiment 1-18143
- Will, C.M. see Smith, A.G. 1-146
- Will, C.M. see Walker, M. 1-23077, 1-49497
- Will, E. see Funke, L. 1-10301, 1-50485
- Will, G., Hinz, E., Nuding, W. The compressibility of FeO measured by energy dispersive X-ray diffraction in a diamond anvil squeezer up to 200 kbar 1-21529
- Will, G., Jansen, E., Schafer, W. POWLS-60. Program for refinement of powder diffraction data (POWDER LEAST SQUARES) 1-2290
- Will, G., Nuding, W., Hinz, E. X-ray energy dispersive diffractometry using profile analysis for high pressure experiments 1-29999
- Will, G. see Cemic, L. 1-20738
- Will, G. see Jansen, E. 1-20033
- Will, G. see Kirfel, A. 1-30145
- Will, G. see Seifert, K.-F. 1-44177
- Will, G.T. see Abbas, S. 1-5105
- Will, M.B. see Ontko, P.N. 1-50735
- Will, P. Calculating mechanical stresses from deformation rates 1-6763
- Will, P., Leopold, J., Kuhnemann, H. Visioplasticity, an experimental method of determining deformation rates and mechanical stresses in plastically deformed bodies 1-6792
- Willard, F.D.C. Solid helium 3, a nuclear antiferromagnetic 1-25530
- Willard, H.B. see McNaughton, M.W. 1-41051, 1-45508
- Willard, S.C. see McPherson, G.L. 1-47482
- Willard, B. see Brauer, G.K. 1-26440
- Willcox, J.B., Symonds, P.A., Hinz, K., Bennett, D. Lord Howe Rise, Tasman Sea - preliminary geophysical results and petroleum prospects 1-40081
- Willcox, W., Beckman, J. Dynamic simulation of a central receiver solar-electric power plant 1-19714
- Wille, R.A. see Netzer, F.P. 1-12639, 1-39221
- Wille, S. see Jameson, C.J. 1-37132, 1-41328, 1-45869, 1-45989
- Wille, S.O. Pressure and flow in two dimensional numerical bifurcation models 1-32155
- Wille, S.O. Pressure and flow in arterial stenoses simulated in mathematical models 1-43886
- Wille, Th., Schwink, Ch. On the plastic behaviour of concentrated Cu-Mn single crystals 1-3856
- Wille, Th. see Schwink, Ch. 1-16796
- Willeke, F., von Hartrott, M., Quitmann, D. Magnetic nuclear spin relaxation of bismuth in liquid metallic alloys of thallium 1-31053

- Willeke, F. *see* Wehrreter, E. 1-31072
- Willeke, K., Hoberman, S.A. Inclined-surface impaction for respirable particle sampling 1-21960
- Willems, H., Geobels, K. Evaluation of structure with back scattered ultrasonic pulses of Rayleigh waves 1-8513
- Willems, J.C. System theoretic models for the analysis of physical systems 1-50084
- Willems, J.L. Microcomputers in arrhythmia monitoring 1-9047
- Willems, V.H. *see* Longenecker, C.L. 1-28620
- Willemsse, M.W.M. *see* Van Den Broek, P.M. 1-25851
- Willemsen, J.F. Hadronic wave equations from lattice gauge theories. II. Heavy quark systems 1-23431
- Willen, D. *see* Jones, L.M. 1-45230
- Willen, E. *see* Chung, S.U. 1-14423, 1-45362
- Willen, E.H. An effective mass trigger at the Brookhaven Multi-particle Spectrometer (MPS) 1-14780
- Willenberg, H.J. *see* Taussig, R.T. 1-50942
- Willens, R.H. Melt extracted MnAl and MnAlC 1-12344
- Willer, J., Fritsch, G., Luscher, E. Superconducting transition temperatures of binary amorphous transition metal alloys 1-52686
- Willerson, J.T. *see* Lewis, M.H. 1-22122
- Willert, L.E. Ultrasonic fatigue 1-8506
- Willert, J.E., Crowder, C.D. Current driven ion electrostatic waves in a magnetized collisional plasma 1-38098
- Willert, J.E., Medhian, H. Resistive instabilities in current-carrying magnetized plasmas 1-34068
- Willert, R.D. *see* Groenendijk, H.A. 1-3154
- Willerts, D.V., Vaughan, J.M. Properties of a laser mode with a helical cophasal surface 1-29308
- Willey, J.D., Fitzgerald, R.A. Trace metal geochemistry in sediments from the Miramichi estuary, New Brunswick 1-44195
- Willey, R.R. The TRS-80 as an optical design computer 1-46508
- Willey, R.S. Renormalization of strong-coupling expansions 1-23426
- Willey, R.S. *see* Carlitz, R.D. 1-560
- Willi, O., Evans, R.G., Raven, A. Time resolved density profiles of laser-heated plasmas 1-11581
- Willi, O. *see* Lin, Z. 1-46465
- Willi, O. *see* Michaelis, M.M. 1-42209
- William, K.J. *see* Argyris, J.H. 1-24690
- Williams, A.C. The eikonal approximation without ambiguity in direction 1-28223
- Williams, A.D. *see* Adams, D.M. 1-8059
- Williams, A.J. *see* Gehring, C.A. 1-44055
- Williams, A.K. *see* Waltz, W.R. 1-28683
- Williams, A.N. *see* Truscello, V.C. 1-48908
- Williams, A.O., Jr. Mode interactions in an ocean with sound speed a linear function of range 1-46619
- Williams, A.R., Miller, D.L. Photometric detection of ATP release from human erythrocytes exposed to ultrasonically activated gas-filled pores 1-8902
- Williams, A.R. *see* Himpel, F.J. 1-26365
- Williams, A.R. *see* Ho, P.S. 1-26366
- Williams, A.W. *see* Brabenec, M.K. 1-18329
- Williams, B. Uncertainty principle applied to the deuteron 1-40630
- Williams, B.W., Porter, R.F. Energetics of fragmentation of CH_4 , H_2O , and NH_3 from neutralized ion-beam experiments 1-37322
- Williams, C.A., Watts, J.G. Orbital stability in the elliptic restricted three body problem 1-40344
- Williams, C.M. *see* Koon, N.C. 1-20975
- Williams, C.R. *see* Huang, H.W. 1-38364
- Williams, C.W. *see* Caird, J.A. 1-45979, 1-46008
- Williams, D. Automatic multiple flash unit for photographers 1-23327
- Williams, D., Bevis, M. The effect of recycled plastic and compound additives on the properties of an injection-moulded polypropylene copolymer. I. Study materials and experimental methods 1-21414
- Williams, D., Bevis, M. The effect of recycled plastic and compound additives on the properties of an injection-moulded polypropylene copolymer. II. Moulding reproducibility and impact properties 1-26591
- Williams, D. *see* Altkofer, O.C. 1-45773
- Williams, D. *see* Aubert, J.J. 1-5630
- Williams, D.A. *see* Duley, W.W. 1-49777
- Williams, D.B. Application of electron optical techniques to problems in metallurgical and materials engineering 1-5438
- Williams, D.B. *see* Bender, B. 1-26469
- Williams, D.C., Sholtis, J.A., Sciacca, F.W. LMFBR accident delineation and the evaluation of research priorities 1-45698
- Williams, D.C. *see* Sciacca, F.W. 1-45699
- Williams, D.E. Calculated energy and conformation of clusters of benzene molecules and their relationship to crystalline benzene 1-1425
- Williams, D.E. Force-free and other models for the crystal structures of molecular chlorine and hexachlorobenzene 1-52114
- Williams, D.E. *see* Marsh, P. 1-30211
- Williams, D.F. *see* Dalal, N.S. 1-2615
- Williams, D.F. *see* Samoc, M. 1-2957, 1-25755
- Williams, D.J., Clyens, S., Johnson, W. Production of tungsten-iron-nickel alloys by mechanical alloying technique 1-3663
- Williams, D.L., Ritchie, J.L., Harp, G.D., Caldwell, J.H., Hamilton, G.W. In vivo simulation of thallium-201 myocardial scintigraphy by seven-pinhole emission tomography 1-22115
- Williams, D.L. *see* Ghazi, A.A. 1-15971
- Williams, D.N. Interaction between the Bauschinger effect and strain aging 1-12810
- Williams, D.R., Davidson, D.L., Lankford, J. Fatigue-crack-tip plastic strains by the stereomaging technique 1-3884
- Williams, D.R., Hislop, J.S. High resolution γ spectra of 40-44 MeV γ photon activation products. III. A summary of γ -rays, radionuclides and nuclear interferences observed 1-50550
- Williams, D.R., Lum, W., Weinreb, S. L-band cryogenically-cooled GaAs FET amplifier 1-36182
- Williams, D.R. *see* Gardner, F.F. 1-27589
- Williams, D.R. *see* Hama, F.R. 1-37892
- Williams, D.R. *see* May, P.M. 1-12966
- Williams, D.S., McIntyre, P. The principal eyes of a jumping spider have a telephoto component 1-26897
- Williams, D.T. *see* Barber, D.P. 1-5635, 1-28329, 1-28330
- Williams, E.D., Harvey, I.R., Haywood, J.K., McArdle, F.J. Whole body cesium-137 levels in man in Scotland, 1978-79 1-53912
- Williams, E.R. *see* House, P.W. 1-39724
- Williams, E.R. *see* Olsen, P.T. 1-36602, 1-36702
- Williams, E.S. A thermoelement comparator for automatic AC-DC difference measurements 1-36692
- Williams, E.S. *see* Galakhova, O.P. 1-36690
- Williams, E.W. Gold in solar cells 1-43766
- Williams, E.W., Jones, K., Griffiths, A.J., Roughley, D.J., Bell, J.M., Steven, J.H., Huson, M.J., Rhodes, M., Costich, T. The electrophoresis of thin film $\text{CdS/Cu}_2\text{S}$ solar cells 1-4199
- Williams, F. *see* Curie, D. 1-26169
- Williams, G. *see* Gaunt, P. 1-34893
- Williams, G. *see* Ho, S.C. 1-47866
- Williams, G. *see* Roshko, R.M. 1-34680
- Williams, G.A., Figgis, B.N., Moore, F.H. The structure of Cs_2CoCl_4 at 295K: a neutron diffraction study 1-30146
- Williams, G.B. *see* Fahey, J.A. 1-25238
- Williams, G.O. *see* Cue, N. 1-25339
- Williams, G.O. *see* Rujan, P. 1-40725
- Williams, G.P. *see* El-Batanouny, M. 1-42839
- Williams, G.P. *see* Smith, R.J. 1-3573
- Williams, G.R.J., Langhoff, P.W. Extended-basis-set RPAE calculations of molecular photoionization cross sections: theoretical studies of V_p-V_a interaction in molecular nitrogen 1-41300
- Williams, G.R.J. *see* Brion, C.E. 1-6317
- Williams, G.R.J. *see* Haddon, R.C. 1-45820
- Williams, G.R.J. *see* Suzuki, I.H. 1-1392
- Williams, G.T. *see* Angus, S.G. 1-53690
- Williams, H.J., Jr., Lampert, N.R. Ultrasonic evaluation of impact-damaged graphite fiber composite 1-35466
- Williams, I.P. *see* Bhattacharjee, S.K. 1-22785
- Williams, I.P. *see* Simons, S. 1-40543
- Williams, I.S., Street, R. Investigation of thermal hysteresis near the Neel transition in chromium 1-12288
- Williams, I.S., Street, R. The effect of Peltier heating on resistivity measurements in chromium near T_N 1-25708
- Williams, J.A. *see* Coleman, M.C. 1-35343
- Williams, J.C. *see* Duerig, T.W. 1-43376
- Williams, J.E.C. *see* Marston, P.G. 1-48879
- Williams, J.E.C. *see* Farmer, J.F. 1-48871
- Williams, J.F. *see* McAdams, R. 1-6390
- Williams, J.G., Hodgkinson, J.M. Crack-blunting mechanisms in impact tests on polymers 1-43502
- Williams, J.G. *see* Fernando, P.L. 1-35362
- Williams, J.G. *see* Hodgkinson, J.M. 1-39424
- Williams, J.G. *see* Jud, K. 1-39429
- Williams, J.G. *see* Newmann, L.V. 1-43503
- Williams, J.G. *see* Shastri, A.R. 1-18084
- Williams, J.H., Jr., Kousionoulo, P.N. Numerical stability and convergence criteria for equations for dynamic fracture in DCB composite specimens 1-48463
- Williams, J.L. *see* Decker, S.K. 1-3965
- Williams, J.M. *see* Stead, K. 1-20352
- Williams, J.O., Scarsdale, J.N., Schafer, L. Ab initio studies of structural features not easily amenable to experiment. III. The influence of lone pair orbital interactions on molecular structure 1-51074
- Williams, J.O., Van Alsenoy, C., Schafer, L. Ab initio studies of structural features not easily amenable to experiment. IV. Molecular structure and conformational analysis of carbonic acid 1-51077
- Williams, J.O. *see* Scott, M.D. 1-12667, 1-35185
- Williams, J.R. *see* Dreyfuss, P. 1-43435
- Williams, J.R. *see* Mijneer, B.J. 1-44014
- Williams, J.S., Elliman, R.G. Near surface regrowth rate effects in high-dose ion-implanted (100) silicon 1-38390
- Williams, J.S. *see* Grant, W.A. 1-7218
- Williams, J.T. *see* Cook, A.F. 1-27432
- Williams, K.E. *see* Nitschke, J.M. 1-36971
- Williams, K.R. *see* Bolton, C.J. 1-31544
- Williams, K.R. *see* Cane, B.J. 1-39397
- Williams, L.F.G. Automatic corrosion rate monitoring of metals in solution 1-8468
- Williams, L.O. Hydrogen: its place in future energy systems 1-21940
- Williams, L.R. *see* Horst, R.B. 1-53144
- Williams, L.R. *see* Ingersoll, D.T. 1-50970
- Williams, M. *see* Davis, D.S. 1-36178
- Williams, M.A.J. *see* Adamson, D.A. 1-17628
- Williams, M.C. *see* Martinez, C.B. 1-2668
- Williams, M.D. *see* De Young, R.J. 1-24391, 1-41663
- Williams, M.H. Unsteady thin airfoil theory for transonic flows with embedded shocks 1-2014
- Williams, M.H. Aerodynamic coefficients in generalized unsteady thin airfoil theory 1-15505
- Williams, M.J.L. *see* Barrie, J.A. 1-30563
- Williams, M.L. *see* Bowman, S.M. 1-10426
- Williams, M.L. *see* Greenspan, E. 1-23744
- Williams, M.M.R. Slowing down approximations to the Boltzmann equation. I. Applications to energy deposition and ion implantation 1-52196
- Williams, M.W. *see* Ashley, J.C. 1-20292
- Williams, M.W. *see* Painter, L.R. 1-3519
- Williams, O.M. Evaluation of wall temperature difference profiles for heat absorption tubes exposed nonuniformly to solar radiation 1-8747
- Williams, P., Tsongi, I.S.T., Tsuji, S. A comparison of absolute yields of excited neutrals and positive ions from ion-bombarded surfaces 1-31277
- Williams, P. *see* Baker, J.E. 1-30268
- Williams, P. *see* Hung, L.S. 1-38677
- Williams, P. *see* Katz, W. 1-21320
- Williams, P.C., Stern, M.D., Bowen, P.D., Brooks, R.A., Hammock, M.K., Bowman, R.L., Di Chiro, G. Mapping of cerebral cortical strokes in rhesus monkeys by laser Doppler spectroscopy 1-13365
- Williams, P.F., Gundersen, M.A., Watson, A. Pre-spark channel phenomena in laser-triggered electrical breakdown 1-38177
- Williams, P.F. *see* Dhali, S.K. 1-38178
- Williams, P.F. *see* Yocum, T.A. 1-19389
- Williams, P.J. *see* Eaves, L. 1-48139
- Williams, P.M. Imaging and microanalysis in STEM 1-46964
- Williams, P.M., Allen, D.A. Infrared observations of the WC₅ Pol-Rayet star HD 115473 1-49686
- Williams, P.M., Zealey, W.J., Salinari, P., Moorwood, A.F.M., Collins, P. Supernova in NGC 4536 1-54531
- Williams, R. The capillary without walls 1-38625
- Williams, R. *see* Lowe-Ma, C. 1-47069
- Williams, R.A. *see* Boothe, R.J. 1-4284
- Williams, R.E., Bartlett, J.W., Rodger, W.A., Wilems, R.E. Illustrative nuclear waste disposal criteria and their application to high-level waste repository designs 1-45641
- Williams, R.H., Srivastava, G.P., McGovern, I.T. Photoelectron spectroscopy of solids and their surfaces 1-39219
- Williams, R.H. *see* Humphreys, T.P. 1-16362
- Williams, R.H. *see* McKinley, A. 1-8456, 1-34593
- Williams, R.H. *see* Montgomery, V. 1-52642
- Williams, R.H. *see* Street, R.A. 1-16597
- Williams, R.J., Morgan, A., Davies, G.J. A system for ECG synchronised gamma camera studies 1-9001
- Williams, R.J., Rabiotti, P.A., Leach, K.G. The modification of an isotope calibrator for use with SI units 1-53860
- Williams, R.L. *see* Bloor, D. 1-43666
- Williams, R.M. *see* Green, R.E. 1-26828
- Williams, R.O. Interface formation during spinodal decomposition 1-26422
- Williams, R.O. *see* Bradley, D.J. 1-52314
- Williams, R.R., McDaniel, D.H., Stinnett, R.W. Measurement of fast risetime megampere currents by quartz gauge 1-33358
- Williams, R.T., Nagel, D.J., Kabler, M.N. Reflectance, fluorescence yield, and photoelectron spectroscopy of CaF_2 in the 10 to 100 eV range 1-3466
- Williams, R.T., Nagel, D.J., Klein, P.H., Weber, M.J. Synchrotron radiation studies of beryllium fluoride glass 1-31166
- Williams, R.T., Robinson, E.S. The ocean tide in the southern Ross Sea 1-27180
- Williams, R.W. *see* Ozturk, Y. 1-51887
- Williams, S. *see* Aston, D. 1-50470
- Williams, S. *see* Stroynowski, R. 1-18522
- Williams, S.J.C.R., Barr, L.W. Kinetics of bromine release during the photodecomposition of lead and silver bromide 1-4112
- Williams, S.N. *see* Stoiber, R.E. 1-4481
- Williams, T.A. Comparative economics of small solar thermal electric power systems 1-53567

- Williams, T.B., Morton, D.C., Green, R.F. A spectrophotometric search for the halo of Markarian 10 1-54615
- Williams, T.M., Gott, K. The effects of initial boron content and distribution on helium bubble populations and the stress-rupture properties exhibited by irradiated type 316 austenitic steel 1-26595
- Williams, T.M. *see* Boothby, R.M. 1-35254
- Williams, T.M. *see* Hofstetzer, J.H. 1-41142
- Williams, T.O. *see* Brainard, E.J. 1-39240
- Williams, T.P. *see* Gale, J.G. 1-13239
- Williams, T.P. *see* Rapp, L.M. 1-35892
- Williams, V.L. An investigation of an algorithm for directing the growth of the human eyelids and cornea in the fetal stage 1-8853
- Williams, W.D. *see* Mauger, P. 1-20442
- Williams, W.E. *see* Van Stryland, E.W. 1-53018
- Williams, W.M. *see* Smittion, C. 1-4222
- Williams, W.P., Furtado, D., Nutbeam, A.R. Comparison between state 1/state II adaption in a unicellular green alga and high energy state quenching in isolated intact spinach chloroplasts 1-21996
- Williams, W.S. *see* Johnson, M.W. 1-4257
- Williams, W.S.C. *see* Alkofer, O.C. 1-45773
- Williams, W.S.C. *see* Aubert, J.J. 1-5630
- Williams, W.T. *see* Dutton, J. 1-11627
- Williamson, C. *see* Huffman, R. 1-5795
- Williamson, C.F. *see* Lindgren, R.A. 1-50589
- Williamson, C.F. *see* Rad, F.N. 1-23646
- Williamson, D.L. *see* Krakow, W.T. 1-43052
- Williamson, J. *see* Sloan, J.J. 1-8538
- Williamson, J.F., Khan, F.M., Sharma, S.C. Film dosimetry of megavoltage photon beams: a practical method of isodensity-to-isodose curve conversion 1-44010
- Williamson, P.R. *see* Banks, P.M. 1-54317
- Williamson, R.F. *see* Hong, Y.S. 1-13971
- Williamson, S.J., Kaufman, L. Biomagnetism 1-35790
- Williamson, W., Jr. A problem and its solution involving Maxwell's equations and an inhomogeneous medium 1-27705
- Willich, P. *see* Balestrino, G. 1-12440
- Willie, S.O., Walloe, L. Pulsatile pressure and flow in arterial stenoses simulated in a mathematical model 1-53812
- Williford, R.E., Lanning, D.D., Mohr, C.L. Thermal-mechanical properties of cracked UO₂ pellets 1-45680
- Willig, F. *see* Nakashima, N. 1-10775
- Willig, R.L. *see* Heinrich, J.P. 1-50926
- Willigen, H.van *see* van Willigen, H.
- Willigenburg, J.J.van *see* van Willigenburg, J.J.
- Willing, R.L. *see* Johns, S.R. 1-21062
- Willingale, R. Use of the maximum entropy method in X-ray astronomy 1-44437
- Willingale, R. *see* Fabian, A.C. 1-4960
- Willingale, R. *see* Pye, J.P. 1-44671
- Willis, A. *see* Djalali, C. 1-18623
- Willis, A. *see* Marty, N. 1-23690
- Willis, A.C. *see* Einstein, F.W. 1-34300
- Willis, A.G. *see* Bridle, A.H. 1-44633
- Willis, A.G. *see* Wilson, A.S. 1-9649
- Willis, A.J. *see* Gondhalekar, P.M. 1-27611
- Willis, A.J. *see* Nandy, K. 1-27529
- Willis, B.A. *see* Mapleson, W.W. 1-13303
- Willis, B.T.M. *see* Albinati, A. 1-30204
- Willis, D., Willis, B.J., Breger, M., Jin-Chung Hsu Optical polymetry of quasi-stellar and BL Lac objects 1-40571
- Willis, D.M., Easterbrook, M.G., Stephenson, F.R. Seasonal variation of oriental sunspot sightings 1-9251
- Willis, D.M. *see* Butterworth, P.S. 1-9410
- Willis, D.R. *see* Talbot, L. 1-37872
- Willis, E.H. National energy RD&D programs from an international perspective 1-43750
- Willis, G.E. *see* Deardorff, J.W. 1-4578
- Willis, J. *see* Bartlett, A.A. 1-27749
- Willis, J.B. *see* Rosenzweig, A. 1-5405, 1-33729
- Willis, J.E. *see* Tanis, J.A. 1-14997, 1-24236
- Willis, J.M. *see* Bishop, A.J. 1-24883
- Willis, J.S. EPR measurements of an alternate NO₂⁻ defect in irradiated potassium azide 1-47950
- Willis, L.J. *see* Massey, G.A. 1-35020
- Willis, S.E. *see* Nemethy, P. 1-45183
- Willis, W. Applications of wire chambers in high-energy physics 1-14727
- Willis, W.J. The large spectrometers 1-6075
- Willis, W.J. *see* Botner, O. 1-37065
- Willis, W.J. *see* Cockerill, D. 1-14742
- Willis, W.J. *see* Diakonou, M. 1-10256
- Willis, W.J. *see* Kourkoulis, C. 1-5665, 1-50474
- Willis, W.L., Greene, A.E., Tallman, C.R., Holdridge, L.A. The use of computer modeling to optimize discharge conditions in excimer lasers 1-41674
- Willison, R.G. *see* Quy, R.J. 1-4373
- Willmann, R.B. *see* Gaidos, J.A. 1-18656
- Willmarth, D.W. *see* Peterson, R.C. 1-9564
- Wilmes, H. *see* McNaughton, M.W. 1-41051, 1-45508
- Willner, H. *see* Bielefeldt, D. 1-14897
- Willner, H. *see* Oberhammer, H. 1-29140
- Willner, S.P. *see* Jones, B. 1-49752
- Willner, S.P. *see* Puetter, R.C. 1-54650
- Willot, B. *see* Adamovich, M.I. 1-45317
- Willot, B. *see* Fiorino, A. 1-50583
- Willoughby, A.F.W. *see* Fewster, P.F. 1-2402
- Willoughby, G. *see* Asbury, F.E. 1-16846
- Willrath, H., Smith, G.B. A new transient temperature emissometer 1-27971
- Willrich, C. *see* Nuding, E. 1-37972
- Wills, B.J., Netzer, H., Wills, D. New identifications of weak emission lines in the spectra of quasars 1-44665
- Wills, B.J. *see* Willis, D. 1-40571
- Wills, B.J. *see* Willis, D. 1-40570
- Wills, D. The observed wavelengths of C IV and C III λ emission in QSOs 1-22916
- Wills, D., Wills, B.J. Optical observations of OV-236 1-40570
- Wills, D. *see* Willis, B.J. 1-44665
- Wills, E.D. *see* Clarke, C. 1-4330
- Wills, F.D. *see* Vessot, R.F.C. 1-27855
- Wills, J.G. *see* Lichtenberg, G.B. 1-50390
- Wills, R.D. *see* Bignami, D.F. 1-36429
- Wills, R.D. *see* Caraveo, P.A. 1-22865
- Wills, R.D. *see* Kanbach, G. 1-13792
- Wills, R.D. *see* Pollock, A.M.T. 1-44631
- Wills, R.R., Sekercioglu, I., Niesz, D.E. The interaction of molten silicon with silicon aluminum oxynitrides 1-3951
- Willson, R.C. Active cavity radiometer type V 1-13686
- Willson, R.F. *see* Lang, K.R. 1-4869
- Willman, H. The quantitative effects of crystal habit change on the film surface form and the preferred orientation during the growth of vacuum-condensed films 1-7494
- Wilmsers, M. *see* Storp, S. 1-7443
- Wilmore, D. *see* Schmitz, F. 1-822
- Wilmsen, C.W. *see* Baglee, D.A. 1-16375
- Wilmsen, C.W. *see* Geib, K.M. 1-16372
- Wilmsen, C.W. *see* Inoue, N. 1-43769
- Wilmsen, C.W. *see* Laughlin, D.H. 1-38851
- Wilner, K. *see* Wild, W.J. 1-37400
- Wilson, J.G. *see* Rabiner, L.R. 1-11261
- Wilquet, G. *see* Allasia, D. 1-23495
- Wilschut, H.W. *see* Freeman, W.S. 1-5753
- Wilsdorf, H.G.F. In-situ HVEM investigation of processes leading to fracture in metals 1-3898
- Wilsdorf, H.G.F. Polycrystalline steel whiskers of very high strength 1-21464
- Wilsdorf, H.G.F. Dislocation patterns leading to the initiation of ductile fracture in pure metals and alloys 1-30238
- Wilesey, N.D. *see* Corbett, J.W. 1-13135
- Wilson, A. A history of balloon satellites 1-54347
- Wilson, A.D. The fatigue and toughness properties of a C-Mn-Cb plate steel 1-43513
- Wilson, A.D. Toroidal integrating backscatter electron detector 1-45777
- Wilson, A.G. *see* Hahn, H.L. 1-26925
- Wilson, A.J., Varma, C.M. Systematics of the binding energy of oxygen and hydrogen on transition-metal surfaces. II 1-20566
- Wilson, A.J. *see* Varma, C.M. 1-20565
- Wilson, A.J.C. Testing the hypothesis 'no remaining systematic error' in parameter determination 1-7038
- Wilson, A.J.C. Relationship between 'observed' and 'true' intensity: effect of various counting modes 1-11633
- Wilson, A.J.C. Effect of dispersion on the probability distribution of X-ray reflexions 1-11634
- Wilson, A.J.C. Accuracy in methods of lattice-parameter measurement 1-29987
- Wilson, A.S. X-rays from G74.9+1.2: an elderly Crab Nebula? 1-22868
- Wilson, A.S., Willis, A.G. Radio structures of Seyfert galaxies. I 1-9649
- Wilson, A.S. *see* Griffiths, R.E. 1-13885
- Wilson, A.S. *see* Harris, D.E. 1-17901
- Wilson, B.A., Allen, S.R., Jr., Tsui, D.C. Evidence for a collective ground state in Si inversion layers in the extreme quantum limit [using cyclotron resonance] 1-12195
- Wilson, C., Abu-Jarad, F. Background tracks in LR 115 (type II) plastic 1-10611
- Wilson, C.A. *see* Moore, M.A. 1-7067
- Wilson, C.J.N., Ambraseys, N.N., Bradley, J., Walker, G.P.L. A new date for the Taupo eruption, New Zealand 1-22306
- Wilson, C.L. *see* Gaidos, J.A. 1-18656
- Wilson, C.R. Estimation of the parameters of the Earth's polar motion 1-44093
- Wilson, C.R., Palmer, D.W. Prediction of patient doses in diagnostic radiology 1-44017
- Wilson, C.R. *see* Gorham, S.B. 1-32563
- Wilson, C.Woodrow, Jr. *see* Woodrow Wilson, C., Jr.
- Wilson, D.B. Kinetic atom 1-49926
- Wilson, D.V. *see* Murray, B.W. 1-8336
- Wilson, E.A. *see* Nasim, M. 1-12769
- Wilson, E.J.N. The design and commissioning of large particle accelerators 1-50995
- Wilson, G.A. Selection and accommodation 1-39759
- Wilson, G.V.H. *see* Wantaanar, G.H.J. 1-12260
- Wilson, H.R. A transducer function for threshold and suprathreshold human vision 1-22014
- Wilson, H.S., Kavanagh, R.W., Mann, F.M. Gamow-Teller transitions in some intermediate-mass nuclei 1-5741
- Wilson, I.A., Skelhel, J.J., Wiley, D.C. Structure of the haemagglutinin membrane glycoprotein of influenza virus at 3 Å resolution 1-43849
- Wilson, I.H. *see* Belson, J. 1-53032
- Wilson, I.M. *see* Bamford, J.M. 1-43881
- Wilson, J., Carbone, R., Baynton, H., Serafin, R. Operational application of meteorological Doppler radar 1-54172
- Wilson, J.A., Robinson, J.O. Binocular filters as an aid to color discrimination by dichromats 1-53929
- Wilson, J.A. *see* Berglund, A. 1-36881
- Wilson, J.A. *see* Corden, M. 1-14429
- Wilson, J.A. *see* Corden, M.J. 1-14428, 1-28352
- Wilson, J.D. *see* Mazumder, M.K. 1-43841
- Wilson, J.D. *see* Toth, A.S. 1-24759
- Wilson, J.H. Solution of integral equation important in signal processing of radar and sonar hydrophone array outputs 1-51664
- Wilson, J.H. *see* Sisson, R.D., Jr. 1-26570
- Wilson, J.I.B. *see* John, P. 1-21720, 1-39127
- Wilson, J.I.B. *see* Riddoch, F. 1-17203
- Wilson, J.I.B. *see* Tait, N.R.S. 1-21817
- Wilson, J.R. *see* Bowers, R.L. 1-40512
- Wilson, J.R. *see* Di Fazio, A. 1-13865
- Wilson, J.R. *see* Norman, M.L. 1-9606
- Wilson, J.W. Nuclear-induced XeBr⁺ photolytic laser model 1-24411
- Wilson, K.L., Pontau, A.E. Deuterium trapping and release in titanium-based coatings for TFTR 1-25556
- Wilson, K.L. *see* Bohdanský, J. 1-25314
- Wilson, K.L. *see* Pontau, A.E. 1-21647
- Wilson, K.M. *see* Lyons, W.B. 1-17583
- Wilson, L. *see* Mougins-Mark, P.J. 1-49529
- Wilson, L.E. Deuterium fluoride CW chemical lasers 1-37487
- Wilson, M.A. *see* Leiss, J.E. 1-10553
- Wilson, M.G.F. *see* Chung, P.S. 1-33830
- Wilson, M.G.F. *see* Culshaw, B. 1-37631
- Wilson, M.G.F. *see* de Oliveira, A.D. 1-33824, 1-41878
- Wilson, M.J., McHardy, W.J. Experimental etching of a microcline perthite and implications regarding natural weathering 1-49267
- Wilson, M.L., Hawley, R.H., Duffy, J. The effect of loading rate and temperature on fracture initiation in 1020 hot-rolled steel 1-3880
- Wilson, M.L., Silk, J. On the anisotropy of the cosmological background matter and radiation distribution. I. The radiation anisotropy in a spatially flat universe 1-49862
- Wilson, M.N. *see* Baynham, D.E. 1-52739
- Wilson, P. *see* Leetmaa, A. 1-27209
- Wilson, P. *see* Legemann, D. 1-53958
- Wilson, P.D. *see* Stewart, D. 1-39225
- Wilson, P.R. Faculae, filigree and calcium bright points 1-54454
- Wilson, R. Reference materials of defined particle size certified recently by the Community Bureau of Reference of the European Economic Community 1-40749
- Wilson, R., Donnelly, K. ICRP publication 26: its applicability in a nuclear power programme 1-28722
- Wilson, R. *see* Bebek, C. 1-33191
- Wilson, R. *see* Brown, A. 1-49655
- Wilson, R. *see* Chadwick, K. 1-33192
- Wilson, R. *see* Howarth, I.J. 1-40523
- Wilson, R.B., Nelson, R.J., Wright, P.D. Electrical-optical characteristics of buried waveguide heterostructure InGaAsP injection lasers 1-41707
- Wilson, R.B. *see* Nelson, R.J. 1-46346
- Wilson, R.E., Rafert, J.B. Slightly detached binaries as calibrators of the main-sequence 1-13809
- Wilson, R.E. *see* Kodman, G.P. 1-50796
- Wilson, R.G., Delina, V.R. Ion channeling in GaAs:Si, Se, and Te 1-34380
- Wilson, R.H., Jr. The motions of 4 southern double stars 1-36335
- Wilson, R.S. *see* Maple, R.J. 1-6231
- Wilson, R.W., Langer, W.D., Goldsmith, P.F. A determination of the carbon and oxygen isotopic ratios in the local interstellar medium 1-49775
- Wilson, R.W. *see* Frerking, M.A. 1-9609
- Wilson, S. Fourth-order invariant in Rayleigh-Schrodinger perturbation theory 1-10617
- Wilson, S. Scaling in second-order electron correlation calculations. II 1-41325
- Wilson, S. Systematic sequences of even-tempered gaussian primitives in electron correlation studies using many-body perturbation theory 1-45865
- Wilson, S., Green, S. Theoretical microwave spectral constants for C₂H⁺ and C₂H 1-27365
- Wilson, S., Saunders, V.R. Diagrammatic many-body perturbation expansion for atoms and molecules. V. Fourth-order linked diagrams involving triply-excited states 1-1119
- Wilson, S. *see* Robb, M.A. 1-1144
- Wilson, S.J., McConell, J.D.C. A kinetic study of the system γ -AlOOH/Al₂O₃ 1-26735

- Wilson, S.J., McConnell, J.D.C., Stacey, M.H. Energetics of formation of lamellar porous microstructures in $\gamma\text{-Al}_2\text{O}_3$ 1-35232
- Wilson, S.S. *see* Musgrave, G. 1-26826
- Wilson, T.A. *see* Hyatt, R.E. 1-22027
- Wilson, T.A. *see* Lai-Fook, S.J. 1-22047
- Wilson, T.L., Walsmsley, C.M., Henkel, C., Pauls, T., Mattes, H. Observations of the $3_{12}3_{13}$ line of H_2CO 1-27577
- Wilson, T.L. *see* Biegling, J. 1-9633
- Wilson, T.L. *see* Pauls, T. 1-32737
- Wilson, T.M. *see* Abraham, M.M. 1-38980
- Wilson, W.B., England, T.R. TMI-2 radionuclide inventory and decay properties 1-18821
- Wilson, W.B. *see* Perry, R.T. 1-50769
- Wilson, W.E., Paretzke, H.G. Calculation of ionization frequency distributions in small sites 1-20277
- Wilson, W.E. *see* Stevens, R.K. 1-53732
- Wilson, W.E. *see* Toburen, L.H. 1-48961
- Wilson, W.G. *see* Sinapius, G. 1-6386
- Wilson, W.H. Spreading of light beams in ocean water 1-22359
- Wilson, W.H. *see* Hovis, W.A. 1-54282
- Wilson, W.L. *see* Tittel, F.K. 1-37462
- Wilson, W.R.D. *see* White, D.R. 1-30318
- Wilt, D. *see* Katz, J. 1-37503, 1-41697
- Wilt, D.P. *see* Koch, T.L. 1-51528
- Wilt, D.P. *see* Margalit, S. 1-15289
- Wilton, D.R. *see* Glisson, A.W. 1-1444
- Wiltshire, M.C.K., Campbell, S.J. Magnons in $\gamma\text{-MnCu}$ 1-7820
- Wiltshire, M.C.K. *see* Bartram, R.H. 1-3393
- Wimalasena, J.H. *see* Pacey, P.D. 1-31833
- Wimberly, C.R. Determination of forces on arbitrary concave bodies in high-speed rarefied gases 1-46781
- Wimmer, J.M. *see* Detrio, J.A. 1-29358
- Wimmer, M. Laminar-turbulent transition in a spherical annulus 1-42029
- Wimmer, M. Experiments on the stability of viscous flow between two concentric rotating spheres 1-51782
- Wimmers, J.T., Christopher, J.E. Tunneling in metal-silicon Schottky barriers and effects of radiation compensation 1-47732
- Wimpenny, S.J. *see* Altkofer, O.C. 1-45773
- Wimpenny, S.J. *see* Aubert, J.J. 1-5630
- Winant, C.D. Downwelling over the Southern California shelf 1-22350
- Winarto, H. *see* Davis, M.R. 1-19776
- Winblad, A.E. *see* Deveney, J.E. 1-23764
- Winch, D.E. *see* James, R.W. 1-4761
- Winchell, P.G. *see* Chen, P.C. 1-7137, 1-8347
- Winchester, J.W. *see* Lannefors, H.O. 1-54224, 1-54224
- Winchester, J.W. *see* Tanaka, S. 1-13533, 1-54168
- Winchester, J.W. *see* Young, G.S. 1-4583
- Winckler, J.R. The application of artificial electron beams to magnetospheric research 1-36160
- Winckler, J.R. *see* Erickson, K.N. 1-4674
- Wind, R.A. *see* Bleich, H.E. 1-28043
- Wind, R.A. *see* Kendrick, R.D. 1-14159
- Wind, S. *see* Laporte, P. 1-30642
- Windawi, H. *see* Rothwarf, A. 1-32013
- Winder, R., Michael, C. Some OCD estimates of the production of heavy quark flavours in hadron-hadron collisions 1-520
- Windham, J.P. *see* Schneider, A.J. 1-53864
- Windhorst, U. *see* Koehler, W. 1-8835
- Windisch, G. On the numerical solution to a two dimensional problem in heat conductivity using the method of differences and its actual solution on a computer 1-37765
- Windle, A.H. *see* Lovell, R. 1-30094
- Windle, A.H. *see* Tunncliffe, J. 1-35289
- Windle, B.F. *see* Newton, R.C. 1-17568
- Windmolders, R. *see* Ajinenko, I.V. 1-592
- Windmolders, R. *see* Chliapnikov, P.V. 1-599, 1-36886
- Windmolders, R. *see* Denegri, D. 1-28356
- Windmolders, R. *see* Soudraix, J. 1-5666
- Window, B. *see* Harding, G.L. 1-53667
- Windreich, S., Silberberg, A. Interaction of lipid multilayers with water 1-17101
- Windsch, W.W., Schmidt, V.H. Pressure dependence of ferroelectric transition temperature in TSCC 1-26140
- Windschiff, J., von der Osten, W. Relaxation of the indirect exciton in AgBr studied by resonant Raman scattering 1-26191
- Windsor, C.G. *see* Cole, I. 1-2292
- Windsor, M.E., Bullough, R., Wood, M.H. A FACSIMILE code for calculating void swelling incorporating interactive and rate limitation options: version VS2 1-5857
- Windsor, M.W., Holten, D. Picosecond studies of primary charge separation in bacterial photosynthesis 1-17367
- Wine, P.H., Ravishankara, A.R. Kinetics of $\text{O}(\text{D})$ interactions with the atmospheric gases N_2 , N_2O , H_2O , H_2 , CO_2 , and O_3 1-31858
- Wine, P.H. *see* Ravishankara, A.R. 1-12984, 1-36027, 1-53412
- Winefordner, J.D. *see* Horvath, J.J. 1-50215
- Winefordner, J.D. *see* Omenetto, N. 1-10691
- Winefordner, J.D. *see* Walden, G.L. 1-50255, 1-50256
- Winefordner, J.D. *see* Zizak, G. 1-10688, 1-44916
- Winegar, J.E. X-ray measurement of residual stress in metals at Chalk River Nuclear Laboratories 1-28141
- Winegartner, E.C., Lin, C.J. Laboratory combustibility testing of solid fuel 1-26747
- Wineland, D. *see* Ekstrom, P. 1-10213
- Wineland, D.J., Itano, W.M. Spectroscopy of a single Mg^+ ion 1-45889
- Wineland, D.J. *see* Bergquist, J.C. 1-24338
- Wineman, A. *see* Rajagopal, K.R. 1-9837
- Wineman, A.S. *see* Rajagopal, K.R. 1-30287
- Winer, B.M., Nicol, J. An evaluation of superconducting magnetic energy storage 1-48921
- Winer, W.O. *see* Ramalingam, S. 1-31683
- Winfield, J.S. *see* Woods, C.L. 1-716
- Winfree, A.T. Geometry of biological time 1-9775
- Winfree, W.P. *see* Cantrell, J.H., Jr. 1-33843
- Wing, R.F. Classification by photoelectric measurements of molecular bands: current status and future prospects 1-49632
- Wing, R.F., Yorka, S.B. Comparisons of temperature classes obtained by spectroscopic and photometric techniques: M-type dwarfs, giants, and supergiants 1-54485
- Wing, W.R. *see* Yang, T.F. 1-10543
- Wing, Y., Lal, M., Howe, A.T. Proton conducting membranes composed of hydronium alunite 1-30457
- Wing Tsang Bond energies and chemical reactivity 1-10861
- Wingate, F.P. *see* Tallman, C.R. 1-11096
- Wingerden, B. *see* van Wingerden, B.
- Winget, C.M. *see* Wegmann, H.M. 1-49133
- Winget, D.E., Cabot, W. Convective mixing in extended horizontal branch envelope models: the SDB/SDO transition 1-49645
- Winget, D.E. *see* Johnson, W.W. 1-27473
- Winick, K. *see* Chang, B.J. 1-15128
- Winicour, J. Angular momentum in general relativity 1-18101
- Winik, M. *see* Chung, S.U. 1-14423, 1-41006, 1-45362
- Winkel, A. *see* van Winkel, A.
- Winkelmann, E. *see* McNaughton, M.W. 1-41051, 1-45508
- Winkelkemper, H. *see* Hartlieb, B. 1-38164
- Winkelkemper, W. *see* Funk, W. 1-28814
- Winkens, H.-P. *see* Waldmann, H. 1-48782
- Winkleblack, R.K. *see* Beakes, J.H. 1-41169
- Winkler, G., Smith, D.L., Meadows, J.W. Measurement of cross sections for the $^{63}\text{Cu}(n,\alpha)^{60}\text{Co}$ reaction from threshold to 10 MeV 1-701
- Winkler, G. *see* Meadows, J.W. 1-18938
- Winkler, G. *see* Smith, A. 1-23693
- Winkler, P. Observations on acidity in continental and in marine atmospheric aerosols and in precipitation 1-13530
- Winkler, P. Disturbances within the nocturnal boundary layer 1-27236
- Winkler, P.F. *see* Schattenburg, M.L. 1-40547
- Winkler, R., Wilhelm, I., Starykh, V.V. Electron kinetics in a beam-plasma discharge in a strongly collisional nonequilibrium plasma 1-24943
- Winkler, R., Wilhelm, J. Solution of the non-stationary electron Boltzmann-equation for a weakly ionized collision dominated plasma 1-15600
- Winkler, R. *see* Michel, P. 1-2152, 1-6927, 1-34133
- Winkler, R. *see* Peau, S. 1-42221
- Winkler, R. *see* Starykh, V.V. 1-2145
- Winkler, R. *see* Wilhelm, J. 1-34042
- Winkler, W. *see* Schilling, R. 1-27853
- Winn, D.R. *see* Heagy, S.M. 1-50433
- Winn, J.S. Implications of the virial theorem on the description of weak bonds 1-37143
- Winn, J.S. Gas phase production and chemistry of transition metal atoms and clusters from polynuclear metal carbonyls 1-48690
- Winn, J.S. *see* Brewer, L. 1-41518
- Winn, J.S. *see* Goble, J.H. 1-29071
- Winn, K.R. *see* Shapiro, S.L. 1-33493
- Winnberg, A., Graham, D., Walsmsley, C.M., Booth, R.S. A new 1720 MHz OH outburst in V1057 Cyg 1-36283
- Winnberg, A., Grasshoff, M., Goss, W.M., Sancisi, R. A study of cold hydrogen in the dark cloud Lynds 134 1-13833
- Winnberg, A. *see* Olmon, F.M. 1-9525
- Winnewisser, G. *see* Churchwell, E. 1-44613
- Winnewisser, G. *see* Cornet, R. 1-1207
- Winnewisser, G. *see* Helms, D.A. 1-14872
- Winnewisser, G. *see* Yamada, K. 1-41382
- Winnewisser, M. *see* Helms, D.A. 1-14872
- Winnick, J., Ross, P.N. The kinetics of the O_2/CO_2 reaction in molten carbonate: reaction orders for O_2 and CO_2 on NiO 1-48738
- Winnik, M.A. *see* Mar, A. 1-29103
- Winograd, N. The dynamics of ion-solid interactions: a basis for understanding SIMS 1-31269
- Winograd, N., Garrison, B.J., Harrison, D.E., Jr. Mechanisms of CO ejection from ion bombarded single crystal surfaces 1-8177
- Winograd, N. *see* Garrison, B.J. 1-30537
- Winograd, N. *see* Harrison, D.E., Jr. 1-31271
- Winogradoff, N.N., Ripper, J.E., Caetano da Silva, J. Recombination centers and the spatial distribution of spontaneous emission in n-type GaAs at high excitation levels 1-52991
- Winokur, P.S., Boesch, H.E., Jr. Interface-state generation in radiation-hard oxides 1-42838
- Winoto, S.H. *see* Crane, R.I. 1-2001
- Winsberg, L. Systematics of particle-nucleus reactions. I. Parameters 1-14524
- Winsberg, L. Systematics of particle-nucleus reactions. II. Nuclear recoil in nonfission reactions induced by 1-GeV to 400-GeV protons 1-14525
- Winsberg, L., Steinberg, E.P., Henderson, D., Chrapkowski, A. Recoil properties of nuclei produced in the interaction of protons with ^{27}Al 1-14523
- Wisch, I.O., Levitz, N., Parks, J., Cannon, T., Lautermilch, H., Deeken, P., Brook, R., Wach, C., Nelson, R. LWBR proof-of-breeding analytical support project 1-23828
- Winscom, C.J. *see* Frohling, W. 1-12430
- Winston, R. *see* Rabl, A. 1-13162
- Winter, A.J.B. The UK wave energy resource 1-8665
- Winter, B., Gramlich, K. Determination of the kinetic parameters of crystal growth rate with reference to the state of mixing of the solid phase 1-42333
- Winter, D.A. Overall principle of lower limb support during stance phase of gait 1-32160
- Winter, D.A. *see* Gordon, D. 1-35796
- Winter, D.C., Pimmel, R.L. The influence of reflection artifacts on apparent phase velocity measurements in the trachea 1-32153
- Winter, G. *see* Funke, L. 1-10301, 1-50485
- Winter, G. *see* Radu, C. 1-27157
- Winter, G.G. *see* Berger, C. 1-5636, 1-10209
- Winter, G.G. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Winter, H., Heckmann, P.H., Raith, B. Polarization of atomic transitions in ionized ^{14}N after ion beam surface interaction at grazing incidence 1-33417
- Winter, H. *see* Bloemen, E.W.P. 1-46070
- Winter, H. *see* Rietschel, H. 1-20907
- Winter, J., Waelbroeck, F., Brandt, B., Dietz, K.J., Ali-Khan, I., Wienhold, P. On the cleaning of first wall materials by glow discharges in hydrogen 1-23851
- Winter, J. *see* Waelbroeck, F. 1-30555
- Winter, J. *see* Wienhold, P. 1-25045
- Winter, J.C. *see* De Winter, J.C.
- Winter, J.G., Groeneveld, D.G.S., Sharman, C.N. An improved reference interferometer, incorporating an angular positioning servo, used to tune a narrow bandwidth optical filter 1-50197
- Winter, J.J. *see* Rothwarf, F. 1-25930
- Winter, K. *see* Diddens, A.N. 1-14747, 1-23998
- Winter, K. *see* Jonker, M. 1-10194, 1-14432, 1-45258
- Winter, P. *see* Thambyanagaram, R.K.M. 1-24784
- Winter, P.W. *see* Alderson, M.A.H.G. 1-9118
- Winter, P.W. *see* Parry, G.W. 1-28673
- Winter, R.C. *see* Chen, K. 1-53706
- Winter, R.G. Neutrino oscillation kinematics 1-36834
- Winter, T.A. *see* de Winter, T.A.
- Winter, T.G., Hutton, G.J., Lane, N.F. Molecular-state treatment of collisions between protons and He^+ ions 1-1360
- Winter, V. *see* Radu, C. 1-27157
- Winterberg, F. Lowering the minimum velocity for impact fusion 1-886
- Winterberg, F. Super-ion-beam accelerator for the ignition of thermonuclear reactions 1-896
- Winterbottom, J.T. Equipping an ECG department 1-17507
- Winternitz, P. *see* La France, P. 1-23519
- Winters, H.F. *see* Yung-Yu Tu 1-48213
- Winters, K.H. Numerical study of natural convection in a square cavity 1-51780
- Winters, K.H., Rae, J., Jackson, C.P., Cliffe, K.A. The finite element method for laminar flow with chemical reaction 1-42103
- Winters, W. *see* Hogan, A. 1-9235
- Wintersgill, M.C., Fontanella, J.J., Safghian, R., Chadwick, A.V., Andeen, C.G. Dielectric relaxation studies of alkali-metal-doped strontium and barium fluoride 1-31086
- Wintersgill, M.C. *see* Fontanella, J.J. 1-3326
- Winterton, R.H.S. *see* Al-Hayes, R.A.M. 1-37993, 1-37994
- Wintner, A. *see* Broglia, R.A. 1-686, 1-23696
- Wintle, A.G. Thermoluminescence dating: a review of recent applications to non-pottery materials 1-17691
- Wintle, A.G. Thermoluminescence dating the Late Devensian loesses in southern England 1-44184
- Wintle, A.G., Huntley, D.J. Thermoluminescence dating of ocean sediments 1-44164
- Wintle, H.J. *see* Chapman, T.C. 1-7702

- Winzer, A. Quantum-theoretical calculation of activation parameters for mass transfer and mass transport processes on ionic crystals. V 1-20447
- Winzer, G. see Reichelt, A. 1-11152
- Winzer, K. The effect of the crystal-field ground-state splitting on the electrical resistivity of dilute (La,Pr)₂B₄ 1-25707
- Wio, H. see Abbate, M.J. 1-732
- Wipf, A. see Schweizer, M. 1-44809
- Wipf, H., Heidemann, A. Mossbauer relaxation spectra of crystal lattice atoms in the presence of diffusing interstitial defects 1-16511
- Wipf, H. see Heidemann, A. 1-20461
- Wipf, S.L. Superconducting magnet system for a 750 GeV muon spectrometer 1-45758
- Wipf, S.L. Some experiments on liquid helium heat transfer. Characteristics affecting stability of superconducting magnet operation 1-52698
- Wipff, G. see Morokuma, K. 1-1069
- Wippermann, F. On the existence of similarity in the planetary boundary layer 1-4559
- Wirbel, M. see Paschos, E.A. 1-33194
- Virgin, A. On the influence of multiple scattering in the process of division of energy carried out by a rough surface upon an incident electromagnetic or sonic wave 1-29171
- Virgin, A. On Rayleigh's theory of sinusoidal diffraction gratings 1-29382
- Wirtinger, R.B., Pandharipande, V.R. On the calculation of correlation functions in nuclear matter 1-36916
- Wirmark, G., Nilsson, J.-O., Dunlop, G.L. Sliding at twin boundaries during high-temperature creep 1-43447
- Wirsich, J. see Fieck, G. 1-10859, 1-10860
- Wirsig, M. see Busching, D. 1-34091
- Wirth, A., Gallagher, J.S. Galaxy content of the Hydra I and Fornax clusters of galaxies 1-44649
- Wirth, A. see Gallagher, J.S. 1-22882
- Wirth, F.H. see del Cueto, J. 1-2759
- Wirth, F.W. see Ewen, D.A. 1-50293
- Wirth, G. see Gaggeler, H. 1-18666
- Wirth, G. see Potitau, J. 1-50619
- Wirth, M.C. see Shang, J.S. 1-46775
- Wirth, M.J., Koskela, A., Sanders, M.J. Molecular symmetry and two-photon spectroscopy 1-41448
- Wirth, M.J. see Wright, J.C. 1-10976
- Wirth, Th. see Atzrodt, J. 1-39196
- Wirtz, R.A., Tseng, W.-F. Natural convection across tilted, rectangular enclosures of small aspect ratio 1-1982
- Wirz, J. see Lepin, W. 1-10782
- Wischniann, K.C. see Bieg, K.W. 1-13101
- Wischniowski, I.N., Klapdor, H.V., Herges, P., Fromm, H., Zheldondzhov, W.A. Investigation of the β^+ -decay of ^{105,106,108}In and of ^{100,102}Ag 1-18605
- Wiscombe, P.C. see Hasan, F. 1-15968
- Wiscombe, P.C. see Rampton, V.W. 1-16479
- Wiscombe, W., Mugnai, A. Exact calculations of scattering from moderately-nonspherical T₁ particles: comparisons with equivalent spheres 1-6480
- Wiscombe, W.J. see Mugnai, A. 1-22489
- Wiscombe, W.J. see Nussenzeig, H.M. 1-6470, 1-6471
- Wise, C. see Fowler, J.L. 1-10593
- Wise, J., Jensen, D.A., Kreiser, M.N., Lomanno, F., Poster, R., Rabin, M.S.Z., Raychaudhuri, K., Way, M. Precise measurement of the ratio of the axial vector coupling to vector coupling in $\Lambda^0 \rightarrow p + e^- + \bar{\nu}$ 1-28316
- Wise, J. see Lomanno, F. 1-14426
- Wise, M.B. see Abbott, L.F. 1-14254, 1-27718, 1-36843
- Wise, M.B. see Knight, L.B., Jr. 1-24173, 1-37229
- Wisell, B. see Oduwale, D.A. 1-17098
- Wisell, S.S. see Osterbrock, M. 1-52211
- Wiseman, P.J. see England, W.A. 1-7380
- Wiseman, R.B. see Joyes, G.M.S. 1-41740
- Wisemberg, J., Kockarts, G. Negative ion chemistry in the terrestrial D region and signal flow graph theory 1-9315
- Wiser, N. see Kaveh, M. 1-42767
- Wiser, N. see Sindvani, F. 1-34674
- Wisemans, J., Veldpaus, F., Janssen, J., Huson, A., Struben, P. A three-dimensional mathematical model of the knee-joint 1-17427
- Wisniewski, W. MK 1055 1-32758
- Wisniewski, J., Langer, G. Ice nucleus concentrations measured during the 1975 Florida Area Cumulus Experiment (FACE) 1-22426
- Wisniewski, J. see Prohaska, K. 1-48317
- Wisniewski, R., Rostocki, A.J., Bock, W.J. Generation of triangular pressure pulse up to 500 MPa 1-28008
- Wisniewski, W. see Szkody, P. 1-49715
- Wisniewski, W.Z. see Ledden, J.E. 1-54603
- Wisniewski, W.Z. see Mufson, S.L. 1-36381
- Wisowaty, J.J., Boynton, R.M. Temporal modulation sensitivity of the blue mechanism: measurements made without chromatic adaptation 1-13233
- Wisowaty, J.J. see Boynton, R.M. 1-43877
- Wiss, J.E. D meson production by photons and neutrinos 1-45316
- Wissahak, K., Kappeler, F. The neutron capture and fission cross section of americium-241 in the energy range from 10 to 250 keV 1-10393
- Wissahak, K., Kappeler, F. Determination of the capture width of the 27.7-keV s-wave neutron resonance in iron-56 1-41107
- Wissler, G.E., Crist, B., Jr. Glass transition in semicrystalline polycarbonate 1-16026
- Wistow, G. see Blundell, T. 1-53752
- Wiswall, R. see Makowitz, H. 1-885
- Wiswall, R.H. see Reilly, J.J. 1-2634
- Wit, A.G.J. de see de Wit, A.G.J.
- Wit, B. de see De Wit, B.
- Wit, H.G.M. de see de Wit, H.G.M.
- Wit, J.H.W. de see de Wit, J.H.W.
- Witalis, E.A. Magnetized whirls and neutron emission in plasma focus discharges 1-19987
- Witanski, K. see Borgiel, W. 1-34864
- Witcomb, M.J. Structure and low temperature properties of niobium and tantalum films argon sputtered onto stainless steel 1-38691
- Witezak, M.W. see Bell, K.R. 1-36016
- Withbroe, G.L. see Habbal, S.R. 1-54460
- Withbroe, G.L. see Kohl, J.L. 1-22753
- Witherell, M.S. Charm production in hadronic interactions 1-45363
- Withers, H.R. see Arcangeli, G. 1-17459
- Withers, H.R. see Masuda, K. 1-43905
- Withers, M.K. see Brophy, J.J. 1-5431
- Witherspoon, P.A., Nelson, P., Doe, T., Thorpe, R., Paulsson, B., Gale, J., Forster, C. Rock mass characterization for storage of nuclear waste in granite 1-806
- Withrow, S.P. see Roberto, J.B. 1-24987
- Withrow, S.P. see Zuh, R.A. 1-25027
- Witkop, C.J., Jr. see Creel, D. 1-39943
- Witkos, E. see Skwirczynska, J. 1-10298
- Witkover, R. see Cumming, J.B. 1-50598
- Witkowski, L. see Keefer, M. 1-47736
- Witkowski, L.C., Drummond, T.J., Barnett, S.A., Morkoc, H., Cho, A.Y., Greene, J.E. High mobility GaAs-Al_{0.2}Ga_{0.8}As single period modulation-doped heterojunctions 1-42849
- Witkowski, L.C., Drummond, T.J., Stanchak, C.M., Morkoc, H. High mobilities in Al_{0.2}Ga_{0.8}As-GaAs heterojunctions 1-42848
- Witkowski, L.C. see Morkoc, H. 1-3624
- Witkowski, S. ASTERIX III, an iodine laser for nuclear fusion 1-898
- Witsch, W. von see von Witsch, W.
- Witsch, W. von see von Witsch, W.
- Witt, F.J. The equivalent energy method: an engineering approach to fracture 1-47158
- Witt, J. see Bergmann, K. 1-41461
- Witt, J.D. see Patel, G.N. 1-15785
- Witt, W.M. see Laughlin, M.H. 1-22141, 1-27011
- Witt-Morette, C. de see de Witt-Morette, C.
- Wittberg, T.N., Svisco, C.A., Moddeman, W.E. Interaction of M-50 steel with a perfluoralkylether fluid and a 1% additive fluid formulation 1-43573
- Wittbold, W.M., Jr., Fischman, A.J., Ogle, C., Cowburn, D. Optimal filtering in Fourier transform NMR 1-314
- Witte, H.-H. Star coupler with graded-index fibers 1-24508
- Witte, H.-H., Kulich, V. Branching elements for optical data buses 1-46587
- Witte, N. see Adrian, G. 1-49424
- Witte, N. van Kempen de see van Kempen de Witte, N.
- Witte, W.G. see Whitlock, C.H. 1-44213
- Witteik, W. see Allen, P. 1-14367, 1-36856, 1-36857
- Witteik, W. see Blietschau, J. 1-10190
- Witteik, W. see Grassler, H. 1-50414
- Wittels, J.J. see Robertson, D.S. 1-44085
- Witten, E. Large N chiral dynamics 1-23402
- Witten, E. Cosmological consequences of a light Higgs boson 1-40928
- Witten, E. see Deser, S. 1-50311
- Witten, E. see Weinberg, S. 1-14231
- Witten, L. see Cosenza, M. 1-50000
- Witten, L. see Papadopoulos, D. 1-44811
- Witten, T.A. Critical ratios in the excluded volume limit 1-38248
- Witten, T.A., Jr., Prentiss, J.J. Optimal real-space renormalisation 1-32924
- Wittenberg, L.J., Harris, M.J. Management of large, operational solar pond 1-53673
- Witter, K. see Heitmann, H. 1-25944
- Witter, K. see Urner-Wille, M. 1-12346
- Witters, D.M., Jr. see Kantor, G. 1-26973
- Witthuhn, W. see Hoth, S. 1-52536
- Witthuhn, W. see Klinger, W. 1-23561
- Wittig, C. see Fischer, T.A. 1-15178, 1-46317
- Wittig, C. see Reiser, H. 1-1270
- Wittig, C. see Renlund, A.M. 1-41415
- Wittig, G., Thomas, H.-M., Grigulewitsch, W., Maser, D. Investigations on the application of the pulsed eddy current method to nondestructive testing of austenitic components 1-35468
- Wittig, V. see Eckardt, J. 1-5330
- Wittlin, A., Grynberg, M., Knap, W., Kossut, J., Wilamowski, Z. Spin-dependent scattering of conduction electrons by magnetic impurities 1-47948
- Wittlin, A., Knap, W., Wilamowski, Z., Grynberg, M. Evidence for the spin-dependent scattering of conduction electrons on Mn²⁺ ions in Hg_{1-x}Mn_xTe and Cd_{1-x}Mn_xSe mixed crystals 1-7667
- Wittmaack, K. Time-of-flight effects in quadrupole-based scanning ion microprobes 1-381
- Wittmaack, K., Schultz, F., Werner, E. Determination of isotope ratios of calcium and iron in human blood by secondary ion mass spectrometry 1-32329
- Wittmaack, K., Staudenmaier, G. Volume expansion and oxygen incorporation in deuterium-bombarded silicon 1-25302
- Wittmaack, K. see Wach, W. 1-31287
- Wittmann, A. Tobias Mayer's meridian observations and the problem of the variation of the solar radius 1-32687
- Wittmann, M. see von Schnering, H.-G. 1-38345
- Wittmann, W. see Wangler, J. 1-51304
- Wittmer, M. High-temperature contact structures for silicon semiconductor devices 1-11984
- Wittmer, M., Luthy, W., von Allmen, M. The thermal stability of laser-produced silicide layers 1-16215
- Wittmer, M. see Luthy, W. 1-20870
- Wittrig, T.S., Ibbotson, D.E., Weinberg, W.H. The adsorption of water on the reconstructed Ir(110)-(1×2) surface 1-38663
- Wittrig, T.S. see Ibbotson, D.E. 1-7466
- Wittrig, D.B., Guo, F. Digital mass control for an ion microprobe mass analyzer 1-28136
- Witzel, A. see Baath, L.B. 1-54655
- Witzel, A. see Kreyse, E. 1-13872
- Witzel, A. see Veron, M.P. 1-49839
- Witzel, W., Hemminger, W. Cyclic torsional deformation of recrystallized copper up to high total strains 1-8399
- Witzeling, W. see Botner, O. 1-37065
- Witzler, A. see Huchtmeyer, W.K. 1-27582
- Witzig, W.F., Huang, P., Merits of a PWR with a natural uranium reflector 1-5856
- Witzigmann, S. see Hopp, U. 1-32701
- Witzke, S., Riquet, J.-P., Durand, F. Diffusion field ahead of a growing columnar front: discussion of the columnar-equiaxed transition 1-38566
- Wizinowich, P. see Measures, R.M. 1-42190
- Wladimiroff, J.W. Fetal cardiovascular dynamics [using US] 1-4346
- Wladimiroff, J.W., Eggink, J.H., Van Der Wal, L. A comparative study between a linear-array real-time hand-held scanner (Minivisor) and a compound scanner (Diasonograph) in the measurement of the fetal biparietal diameter 1-53848
- Wlassow, W. see Golowin, S. 1-26503
- Wlassow, W. see Uetz, H. 1-12894
- Wlodarczyk, E. On disintegration of arbitrary discontinuity generated centrally by cumulated simple wave of finite deformation in isotropic elastic medium isentropic approximation 1-33925
- Wlodarczyk, E. see Kasiak, M. 1-33926
- Wlodarczyk, E. see Trebnski, R. 1-34034
- Wlosewiec, D., Bartkowski, K., Rafalowicz, J. Dependence of Lorenz number on temperature for brass alloys 1-34677
- Wlosewiec, D., Bartkowski, K., Rafalowicz, J. The principles of corresponding states for the thermal conductivity lattice component of brasses 1-34678
- Wlosewiec, D., Bartkowski, K., Rafalowicz, J., Balcerak, K., Lejarowski, E., Lejarowska, L. Temperature dependence anomaly of the thermal conductivity of brasses 1-34676
- Wnek, W.J., Benda, J.A. A model for magnetic brush development in xerographic machines 1-18319
- Wnuk, M.P. Enlargement of a thermally driven penny-shaped crack: stability considerations 1-37851
- Wnuk, M.P. Transition from slow to fast fracture under post-yield condition 1-47168
- Wnuk, M.P. see Piszczek, M. 1-15447
- Wo Wang Thuang see Alfimenkov, V.P. 1-36951
- Wobraschek, P., Aiginger, H. X-ray fluorescence analysis in the ng region using total reflection of the primary beam 1-48773
- Wobst, M. see Hoyer, W. 1-11638, 1-30047
- Woch, B. see Underbrink, A.G. 1-22069, 1-43918
- Wodara, J. see Aljochin, V.P. 1-30490
- Wodarczyk, F.J. see Coombe, R.D. 1-39242, 1-46082
- Wodkiewicz, K. Stochastic and quantum incoherence in optical processes 1-6528
- Wodkiewicz, K. Resonance fluorescence and spontaneous emission as tests of QED 1-14291
- Wodkiewicz, K. see Kus, M. 1-51158
- Wodkiewicz, K. see Rzaewski, K. 1-36517
- Wodniecka, B. see Krolas, K. 1-34359
- Wodniecki, P. see Krolas, K. 1-34359
- Wodzinski, P. Segregation of the grinding powders 1-53122

- Woelfel, E. Comparison between Debye-Scherrer, transmission and reflection measuring modes 1-28144
- Woerden, H. van *see* van Woerden, H.
- Woerlee, P.H., Gordeev, Y.S., de Waard, H., Saris, F.W. The production of continuous electron spectra in collisions of heavy ions and atoms. II. Direct coupling with the continuum 1-41470
- Woerlee, P.H. *see* Gordeev, Y.S. 1-41469
- Woermann, D. *see* Gulari, E. 1-2609
- Woermann, D. *see* Schneider, R. 1-20402
- Woessner, D.E. An NMR investigation into the range of the surface effect on the rotation of water molecules 1-14919
- Woestijne, K.P. Van *see* Van De Woestijne, K.P.
- Woffinden, F.B. *see* Linford, R.B. 1-5957
- Wofford, J.L. *see* Liburdy, J.A. 1-51741
- Wohl, G. *see* Bussemer, P. 1-39058
- Wohl, H. *see* Balthasar, H. 1-32681
- Wohl, H. *see* Engvold, O. 1-9456
- Wohl, H. *see* Perez Garde, M. 1-36241
- Wohl, H. *see* Stark, D. 1-36244
- Wohl, M.E.B. *see* Fredberg, J.J. 1-13296
- Wohlecke, M., Borstel, G. Light-induced electron-spin polarization in cubic crystals 1-29127
- Wohlers, M.R. *see* Mendelsohn, J. 1-24367
- Wohlfahrt, H. *see* Starker, P. 1-43473
- Wohlfahrt, H.D., Shera, E.B., Hoehn, M.V., Yamazaki, Y., Steffen, R.M. Nuclear charge distributions in $1f_{7/2}$ -shell nuclei from muonic X-ray measurements 1-41048
- Wohlfarth, E.P. Comments on 'Magnetovolume effect and invar phenomena in ferromagnetic metals', by T. Moriya and K. Usami 1-3234
- Wohlfarth, E.P. Itinerant metamagnetism in TiBe_2 1-25937
- Wohlfarth, E.P. *see* Gratz, E. 1-12271, 1-25898
- Wohlfarth, E.P. (editor) Ferromagnetic materials. A handbook on the properties of magnetically ordered substances, vol. II 1-27687
- Wohlfarth, H. *see* Lang, W. 1-726
- Wohlleben, D. *see* Boersch, H. 1-49970
- Wohlleben, D. *see* Hafner, U. 1-21031
- Wohlmut, M., Bechtold, E. Adsorption of sulfur on a tungsten film emitter 1-8603
- Wohn, F.K., Hill, J.C., Lewis, D.A. Decay of mass-separated ^{78}Zn 1-23610
- Wohn, F.K. *see* Lewis, D.A. 1-14464
- Wohrle, D. *see* Tanno, T. 1-39652
- Woirgard, J. *see* Gaboriaud, R.J. 1-53225
- Woittemek, H. *see* Jager, H.U. 1-45985
- Wojakowski, A. *see* Blaise, A. 1-16447
- Wojcicki, S.G. *see* Barish, B.C. 1-10284
- Wojciechowski, K.W., Pieranski, P., Malecki, J., Barnes, P. A hard disc system; and Ising-like behaviour in a thin layer 1-47209
- Wojciechowski, P., Kryszewski, M. Photoconductivity of the polymer systems doped with charge transfer complexes 1-42810
- Wojcik, G., Matenowska, B. The design and electric properties of the LR6 alkaline-manganese battery 1-39757
- Wojcik, M., Grotowski, K. 4π low background measurement of alphas and betas with four silicon detectors 1-23969
- Wojcik, W., Sokalski, K. Pure site percolation problem for linear Ising chain in the molecular field 1-44858
- Wojcik, W. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Wojcik, W. *see* Sokalski, K. 1-30961
- Wojcik, M. *see* Asatryan, H.R. 1-26030
- Wojkowsky, H., Schnurnberger, W., Sternfeld, H.J., Peschka, W. Generation of electricity from hydrogen 1-43829
- Wojnar, R. Stress equations of motion for Uflyand-Mindlin plate 1-29541
- Wojnarovits, I. *see* Szoreny, T. 1-30073
- Wojno, W., Wierzbicki, T. Perturbation solution for impulsively loaded viscoplastic plates 1-29566
- Wojnslaw, R. *see* Hanna, D. 1-41015
- Wojnowski, W. The spin susceptibility of superfluid ^3He B in the quasihomogeneous limit 1-38609
- Wojtasik, K. *see* Stolarz, S. 1-3781
- Wojtczak, J. *see* Beba, B. 1-17081
- Wojtczak, L. *see* Myrzon, B. 1-30991
- Wojtowicz, T. A television and film lens-testing system 1-51596
- Wojtulewicz, M. *see* Perkowski, J. 1-53437
- Wokulski, Z. *see* Bojarski, Z. 1-3819
- Wolborsht, M.L. *see* Sliney, D.H. 1-35893
- Wolczynski, W., Ciach, R. Quantitative analysis of micro-dissimilar dendritic binary alloys 1-12730
- Wold, A. The preparation and characterization of materials 1-13959
- Wold, A. *see* Koenitzer, J. 1-34741
- Woldbaek, T., Neilsen, C.J., Klaboe, P. The conformation and vibrational spectra of trans-1,4-dihalocyclohexanes. IV. Force constant calculations and spectral correlations 1-1209
- Woldring, M.G. *see* van der Mark, Th.W. 1-43953
- Woldt, E., Neuhauser, H. Anelastic relaxation of metallic glasses 1-35296
- Wolf, A. Non-empirical calculations on the conformational structure of azobenzene and benzyldeneaniline 1-10647
- Wolf, A., Battistuzzi, G., Kawade, K., Lawin, H., Sistemich, K. Magnetic moment of the first excited 2^+ state in ^{103}Zr 1-18560
- Wolf, A., Schmidtke, H.-H. Nonempirical calculations on diatomic transition metals. II. RHF investigation of lowest closed-shell states of homonuclear 3d transition-metal dimers 1-24061
- Wolf, A. *see* Jacob, I. 1-52252
- Wolf, A.P. *see* Kar-Chun To 1-48663
- Wolf, B. *see* Appenzeller, I. 1-13767
- Wolf, B. *see* Klare, G. 1-9523
- Wolf, B. *see* Stahl, O. 1-17838
- Wolf, D. Diffusion and correlation effects in non-stoichiometric crystals 1-7366
- Wolf, D. *see* Brunger, G. 1-21074
- Wolf, D.A. *see* De Wolf, D.A.
- Wolf, E. Phase conjugacy and symmetries in spatially bandlimited wavefields containing no evanescent components 1-29319
- Wolf, E. A new description of second-order coherence phenomena in the space-frequency domain 1-41559
- Wolf, E., Devaney, A.J., Foley, J.T. On a relationship between spatial coherence and temporal coherence in free fields 1-41564
- Wolf, E. *see* Carter, W.H. 1-46212, 1-46213
- Wolf, E. *see* Mandel, L. 1-46216
- Wolf, E. *see* Mischke, B. 1-34708
- Wolf, E. (editor) Progress in optics, vol. XVII 1-27689
- Wolf, E.A. *see* De Wolf, E.
- Wolf, E.A. *see* De Wolf, E.A.
- Wolf, E.D. *see* De Wolf, E.
- Wolf, E.L. On the role of normal state modifications in proximity tunneling geometries 1-30891
- Wolf, E.L., Noer, R.J., Arnold, G.B. Proximity electron tunneling spectroscopy. III. Electron-phonon coupling in the Nb-Zr system 1-12239
- Wolf, E.L., Noer, R.J., Burnell, D., Khim, Z.G., Arnold, G.B. Proximity electron tunnelling spectroscopy of Ta: inapplicability of an 'empirical model' 1-30887
- Wolf, E.L., Zasadzinski, J., Arnold, G.B., Moore, D.F., Rowell, J.M., Beasley, M.R. Tunneling and the electron-phonon-coupled superconductivity of Nb_3Sn 1-3112
- Wolf, E.L. *see* Arnold, G.B. 1-3108
- Wolf, F. *see* Gaedeke, R. 1-20088
- Wolf, F. *see* Kroll, U. 1-38541
- Wolf, G. High energy trends in e^+e^- physics 1-10236
- Wolf, G. *see* Alekseevskii, N.E. 1-12236
- Wolf, G. *see* Bonse, U. 1-21288
- Wolf, G. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Wolf, G. *see* Manz, A. 1-14394
- Wolf, G.H. An estimate on the concept of convection coding in the boundary-layer of toroidal fusion plasmas 1-6002
- Wolf, H.C. *see* Tenenbaum, J.M. 1-17712
- Wolf, H.C. *see* von Schutz, J.U. 1-31063
- Wolf, H.D. *see* Haendle, J. 1-9005
- Wolf, J.A. Representations of reductive and parabolic groups 1-5123
- Wolf, J.F. *see* Damjanovic, A. 1-16967, 1-21626
- Wolf, K.L. *see* Beck, B.B. 1-718, 1-14561
- Wolf, K.L. *see* Betts, R.R. 1-36958
- Wolf, K.L. *see* Breuer, H. 1-23674
- Wolf, K.L. *see* Hilscher, D. 1-50639
- Wolf, L. *see* Herkenrath, H. 1-50739
- Wolf, L. *see* Karimi, R. 1-50837
- Wolf, L. *see* Modarres, M. 1-50835
- Wolf, L. *see* Yeung, M.R. 1-23724, 1-23738
- Wolf, M., Angerstein, W. The power spectrum of image noise, its importance for X-ray image quality and its digital measurement 1-408
- Wolf, M., Reichelt, W., Bruckner, H.-P., Oppermann, H. The influence of the substitution of ^{16}O by ^{18}O on the metal-insulator transition temperature of vanadium oxides and magnetite 1-52490
- Wolf, M. *see* Bowler, D.L. 1-39772
- Wolf, M. *see* Gerlich, D. 1-34398
- Wolf, N.O., Burgess, D.R., Hoffman, D.K. A model for chemisorption of nitrogen on the $\{100\}$ face of tungsten 1-25569
- Wolf, R., Woodrow, A.B., Grieve, R.A.F. Meteoric material at four Canadian impact craters 1-4497
- Wolf, R. *see* Billan, J. 1-51006
- Wolf, R.A. *see* Erickson, G.M. 1-36108
- Wolf, R.J., Hase, W.L. Importance of angular momentum constraints in the product energy partitioning of model $\text{H-C-C} \rightarrow \text{H} + \text{C} = \text{C}$ dissociation 1-8558
- Wolf, R.J., Hase, W.L. Quasiperiodic trajectories for a multidimensional anharmonic classical Hamiltonian excited above the unimolecular threshold 1-10709
- Wolf, S.A. *see* Francavilla, T.L. 1-52683
- Wolf, W. New soft magnetic nickel-iron materials 1-21011
- Wolf, W. *see* Jaschinski, W. 1-30984
- Wolfe, A. Dependence of mid-latitude hydromagnetic energy spectra on solar wind speed and interplanetary magnetic field direction 1-40271
- Wolfe, E. *see* De Wolf, E.
- Wolfe, J. *see* Reymond, L. 1-39923
- Wolfe, J.H. *see* Frank, L.A. 1-40388
- Wolfe, J.H. *see* Northrop, T.G. 1-40307
- Wolfe, J.P. Ballistic heat pulses in crystals 1-30495
- Wolfe, J.P., Greenstein, M., Northrop, G.A. Effect of phonon flux singularities on the cloud of electron-hole droplets [Ge] 1-47491
- Wolfe, J.P., Greenstein, M., Northrop, G.A., Tamor, M. Images of electron-hole droplets and ballistic phonons in Ge 1-16237
- Wolfe, J.P. *see* Gourley, P.L. 1-47488
- Wolfe, J.P. *see* Greenstein, M. 1-12579
- Wolfe, J.P. *see* Northrop, G.A. 1-34439
- Wolfe, R. *see* Vella-Coleiro, G.P. 1-7909
- Wolfe, S. *see* Sterna, L. 1-31881
- Wolfe, T.C. *see* Fallert, D.L. 1-28038
- Wolfe, W.L. Effects of reflected background radiation on radiometric temperature measurement 1-23243
- Wolfe, W.L. Comparison of coherent and incoherent imaging in the location of point sources 1-27360
- Wolfe, W.L., Stahl, H.P. Some calculational results using multi-color radiation inversion 1-40786
- Wolfe, W.L. *see* Baltes, H.P. 1-29215
- Wolff, W. *see* Muege, L. 1-7080
- Wolffendale, A.W. *see* Giler, M. 1-22642
- Wolffendale, A.W. *see* Issa, M.R. 1-9335
- Wolffendale, A.W. *see* Protheroe, R.J. 1-27347
- Wolffenden, A., Hood, J.A.A. Young's modulus and mechanical damping of silver dental alloys 1-31515
- Wolfenstein, L. A theoretical pattern for neutrino oscillations 1-14293
- Wolfenstetter, K.-D. Multiple linear regression 1-27765
- Wolfer, P. *see* Baumgartner, H.U. 1-14107
- Wolfer, W.G. The role of gas pressure and lateral stress on blistering 1-25318
- Wolfer, W.G. Radiation-induced creep in single crystals of face-centered-cubic materials 1-42418
- Wolfers, P. *see* Bacmann, M. 1-20959
- Wolffersdorff, B. *see* von Wolffersdorff, B.
- Wolff, C.L. The collective excitation of g-modes in the Sun 1-36262
- Wolff, G.T., Lioy, P.J. Development of an ozone river associated with synoptic scale episodes in the Eastern United States 1-54177
- Wolff, H. *see* Chicherov, V.M. 1-25028
- Wolff, H. *see* Hildebrandt, D. 1-26783
- Wolff, H. *see* Hildebrandt, D. 1-42214
- Wolff, H. *see* Thielheim, K.O. 1-32761
- Wolff, H.S., Malmjac, Y. Microgravity research in the space environment 1-4013
- Wolff, I., Schwab, N. Measurement of the dielectric constant of anisotropic dielectric materials using the degenerated modes of a spherical cavity 1-18255
- Wolff, L.R. A cermet emitter for a thermionic converter 1-17227
- Wolff, L.R. *see* Koster, A.S. 1-30136
- Wolff, P.A. *see* Aggarwal, R.L. 1-47581
- Wolff, P.M., Lewis, L.F. Thermal resource availability 1-8737
- Wolff, R.S. The relative abundances of ^{28}Si , ^{29}Si , and ^{30}Si in the interstellar medium 1-49756
- Wolff, S. *see* Berger, C. 1-10209
- Wolff, S.C. *see* Ebbs, D. 1-49637
- Wolff, U. *see* Frishman, Y. 1-14241
- Wolff, W.F. *see* Hoefer, P. 1-34900
- Wolfgang, E., Fazekas, P., Otto, J., Crichton, G. Internal testing of microprocessor chips using electron beam techniques 1-28137
- Wolfheimer, A.D. *see* Dickson, L.D. 1-24368
- Wolffe, P. Theory of ion mobility in liquid ^3He 1-11945
- Wolfe, P. *see* Hojgaard Jensen, H. 1-33985
- Wolfe, P. *see* Koch, V.E. 1-42601
- Wolfe, P. *see* Vollhardt, D. 1-25664
- Wolff, W. *see* Stoller, C. 1-6354
- Wolford, D.J., Streetman, B.G., Thompson, J. Zero-phonon structure of N trap states in $\text{GaAs}_{1-x}\text{P}_x$ alloys 1-47538
- Wolford, D.J. *see* Baker, J.E. 1-30268
- Wolford, D.J. *see* Sankey, O.F. 1-16252
- Wolfram, S. *see* Harvey, J.A. 1-44683
- Wolfram, S. *see* Kolb, E.W. 1-9743
- Wolfram, T., Asgharian, A. Generalized isotope rules for molecular vibrations with application to A₂B₂ planar molecules 1-45927
- Wolfram, A.P. *see* Schlude, F. 1-54348
- Wolfshtein, M. *see* Berger, M. 1-51766
- Wolfs, C.J. *see* Lites, B.W. 1-54452
- Wolfsen, J. *see* Ammosov, V.V. 1-40980
- Wolfsen, J. *see* Eremenko, V.I. 1-33173
- Wolfsen, S.K., Jr. *see* Keller, R.W., Jr. 1-32306
- Wolfssteg, U. *see* Han-Jong Yu 1-3790
- Wolgaest, R.C., Fletcher, V.A., Kennedy, A.M., Kajiyama, Y. A large superconducting dipole magnet for the heavy ion spectrometer system (HISS) 1-45759

- Wolinski, K., Sadlej, A.J. Self-consistent perturbation theory—open-shell states in perturbation-dependent non-orthogonal basis sets 1-37105
- Wolitz, K. *see* Frommeyer, G. 1-8306
- Wolken, G., Jr. Computer design of organic structures for desired properties 1-41510
- Wolkenberg, A. Electrochemical investigations of SiO_2 -Si equivalent charges 1-30833
- Wollan, E.O. The other record of the first nuclear reactor start-up 1-22986
- Wollan, J. *see* Thullen, P. 1-50159
- Wollants, P., Roos, J.R., Delaye, L. On the stress-dependence of the latent heat of transformation as related to the efficiency of a work performing cycle of a memory engine 1-25463
- Wollenberg, L.S. Characterisation of homogeneous quadratic invariants for one-dimensional homogeneous quadratic Hamiltonians 1-9872
- Wollenberger, H. *see* Wagner, W. 1-47610
- Wollermann-Windgasse, R. *see* Herziger, G. 1-51999
- Wollersheim, H.J. *see* Emiling, H. 1-28368
- Wollersheim, H.J. *see* Ower, H. 1-45397
- Wollersheim, H.J. *see* Piercey, R.B. 1-41030
- Wollin, M., Kagan, A.R. The relationship of dose to prognosis in squamous-cell carcinoma of the aerodigestive tract 1-32248
- Wollnik, H., Matsuo, T. A Q-value-of energy-focused time-of-flight spectrometers 1-36763
- Wollnik, H. *see* Blonigen, F. 1-28784
- Wollnik, H. *see* Jung, G. 1-36904
- Wollnik, H. *see* Lemmert, P. 1-28376
- Wollstadt, M. *see* Boerner, H. 1-14741
- Wollstadt, M. *see* Brandelik, R. 1-23527, 1-50411
- Wolniewicz, L., Poll, J.D. The vibration-rotational energies of the hydrogen molecular ion HD^+ 1-33441
- Woloch, F. *see* Kamelander, G. 1-33338
- Woloshyn, R.M. *see* Boal, D.H. 1-50572
- Woloshyn, R.M. *see* Saharia, A.N. 1-41098
- Wolowodiuk, C. *see* Koch, F.B. 1-8246
- Wolowski, J. *see* Kaliski, S. 1-34095
- Wolschin, G. *see* Grange, P. 1-50618
- Wolski, W., Rozmarynowicz, M. Phase transformations in $\text{Cu}_{1-x}\text{Mn}_{1-x}\text{Fe}_x(\text{OH})_2$ 1-25423
- Wolstencroft, R.D., Impey, C.D., Smith, R.J. Measurement of linear and circular polarization using the UK Schmidt telescope 1-36186
- Wolszczan, A. *see* Bartel, N. 1-13791
- Woltche, W. Optical systems design with reference to the evolution of the double Gauss lens 1-46521
- Wolter, H.H. *see* Landowne, S. 1-23671
- Wolter, J., Doel, R.V.D., Weiss, K., Wouters, M.C.H.M. Measurement of transient temperatures of thin metal films 1-37777
- Wolter, J., Horstman, R.E. Transmission of high-frequency phonons through thin glass films 1-47357
- Wolter, J. *see* Horstman, R.E. 1-47819
- Wolter, J. *see* Hurtig, E. 1-40199
- Wolters, D.R. On the oxidation kinetics of silicon: the role of water 1-16921
- Wolters, R.A. *see* Colby, M.J. 1-41209
- Woltersdorf, F.W. *see* Schreiber, G. 1-22020
- Woltersdorf, J. *see* Nepijko, S.A. 1-20599
- Wolter, L. Some large projects in European astronomy 1-17773
- Wolynec, S., Escalante, E. Determination of 'true' polarization curves for corrosion rate measurements of steel in NaCl stagnant solutions 1-16952
- Wolynes, P.G. *see* Berne, B.J. 1-26722
- Wolynes, P.G. *see* Skinner, J.L. 1-14025, 1-16521
- Womack, K.H., Underwood, K.L., Forbes, D. Microprocessor-based video interferogram analysis system 1-44999
- Won Ho Yon *see* Yon Won Ho
- Won Lee In *see* In Won Lee
- Wonch, W. *see* Freudenhammer, A. 1-2782
- Wondra, J.P. *see* Tumolillo, T.A. 1-33609, 1-34081
- Wong, A.K.C. *see* Raafat, H.M. 1-4341
- Wong, B., Pask, J.A. A thermodynamic derivation of the dihedral angle equation for a two phase system 1-38627
- Wong, B. *see* Frank, M. 1-45238
- Wong, C. *see* Hansen, L.F. 1-10440
- Wong, C.P.C. *see* Cheng, E.T. 1-18889, 1-50945
- Wong, C.S. *see* Bacastow, R.B. 1-54207
- Wong, C.W., Liu, K.F., Tzeng, Y. Inelastic production of deuteron bag states 1-23648
- Wong, D., Cocks, F.H. Aluminium pitting corrosion in aqueous glycol solutions: characteristics and relevance to solar thermal collector systems 1-39517
- Wong, D., Cocks, F.H. The use of zinc to control aluminium corrosion in aqueous glycol solutions 1-43576
- Wong, D. *see* Malkin, S. 1-22061
- Wong, D.Y. *see* Gray, A.H., Jr. 1-29470
- Wong, E.W. *see* Medley, J.B. 1-39471
- Wong, F.C., Chandrasekhar, M. Thermodynamic network analysis 1-5267
- Wong, G. *see* Sohl, C.H. 1-2779
- Wong, G.K. *see* Bajaj, J. 1-34632
- Wong, G.S.K. Influence of A-weighting tolerances and frequency-band limits on level measurements 1-29490
- Wong, H.H., Alp, E., Clendening, W.R., Tayal, M., Jones, L.R. ELESTRES: modeling of fuel element behavior under normal operating conditions 1-45681
- Wong, J. Sintering and varistor characteristics of $\text{ZnO-Bi}_2\text{O}_3$ ceramics 1-3675
- Wong, J. EXAFS studies of local structure and dynamics in glassy solids 1-7086
- Wong, J. *see* Galeener, F.L. 1-31139
- Wong, J. *see* Sandstrom, D.R. 1-31228
- Wong, J.S. Pressure broadening of single vibrational-rotational transitions of acetylene at $\nu=5$ 1-1247
- Wong, K., Redman, S. The recovery of a random variable from a noisy record with application to the study of fluctuations in synaptic potentials 1-9060
- Wong, K.L.M. *see* Donahue, F.M. 1-31368
- Wong, K.W., Fung, P.C.W., Lau, C.C. Study of the mathematical approximations made in the basis-correlation method and those made in the canonical-transformation method for an interacting Bose gas 1-169
- Wong, K.Y. *see* Tovey, N.K. 1-49269
- Wong, L.W. *see* Yuen, W.W. 1-24650
- Wong, M.M. *see* Marchant, J.D. 1-39280
- Wong, P.K.H., Bickford, R.G. Brain-stem auditory evoked potentials: the use of noise estimate 1-32266
- Wong, P.T.T. Molecular distortion and ferroelasticity in $\text{K}_2\text{Hg}(\text{CN})_4$ investigated by Raman scattering 1-12505
- Wong, P.T.T. Pressure effect on the polarized Raman spectra of $\text{K}_2\text{Hg}(\text{CN})_4$ in aqueous solution 1-33465
- Wong, P.T.T. Pressure-induced configuration distortion and phase transition in $\text{K}_2\text{Hg}(\text{CN})_4$ investigated by Raman scattering 1-35038
- Wong, R.S.L. *see* Dewey, W.C. 1-53831
- Wong, S., Hochreiter, L.E. An analysis of heat transfer to axial dispersed flow between rod bundles under reactor emergency cooling conditions 1-36992
- Wong, S.F. Dissociative attachment from excited molecules 1-37348
- Wong, S.F. *see* Allan, M. 1-46139
- Wong, S.Kai *see* Kai Wong, S.
- Wong, S.M. *see* Bennett, J.M. 1-11057
- Wong, S.P. *see* Chen, F.C. 1-25415
- Wong, S.S.M., Enguang Zhao, Xiquan Zhu Astro-physical nuclear partition function 1-49498
- Wong, S.S.M. *see* Chang, B.D. 1-5138
- Wong, S.S.M. *see* Kar, K. 1-41088
- Wong, T., Brodwin, M. Dielectric relaxation phenomena associated with hopping ionic conduction 1-34981
- Wong, T., Brodwin, M., McOmber, J.I., Shriver, D.F. The effects of thermal activation on the complex conductivity of Ag_2HgI_4 in the microwave region 1-2690
- Wong, T.C., Engler, E.M. A nuclear magnetic resonance investigation of tetraselenafulvalene partially oriented in a nematic liquid crystal 1-7961
- Wong, Y.M., Kenkre, V.M. Extension of exciton-transport theory for transient grating experiments into the intermediate coherence domain 1-12037
- Wong, Y.M. *see* Kenkre, V.M. 1-47497
- Wong Cheuk-Yin *see* Cheuk-Yin Wong
- Wong Po-zen *see* Po-zen Wong
- Wong Sun *see* Sun Wong
- Wong Wai-Hoi *see* Wai-Hoi Wong
- Wongwiwat, K. *see* Murr, L.E. 1-21591
- Woning, J., Van Der Velden, G.P.M., Veeman, W.S. The lowest triplet state of 4,4'-diiodobenzophenone 1-1133
- Wonn, H. *see* Fleck, U. 1-20607
- Wonneberger, W. On the rate theory for thermal soliton generation 1-14027
- Woo, C.H. Irradiation creep due to SIPA-induced growth 1-20309
- Woo, C.H. *see* So, C.B. 1-42378
- Woo, C.-W. *see* Li, T. 1-11955
- Woo, R., Ishimaru, A. Eddy diffusion coefficient for the atmosphere of Venus from radio scintillation measurements 1-40370
- Woo, S.B., Helmy, E.M., Mauk, P., Paszek, A. Wide range absolute magnitude photodetachment spectrum of O_3^- 1-37280
- Woo, S.B., Koon, D., Clodius, W., Helmy, E.M., Kang, N.K. Gas phase structure constants of NO_2^- 1-37281
- Woo, S.B. *see* Clodius, W.B. 1-37282
- Woo, T.H., Schmit, L.A. Decomposition in optimal plastic design of structures 1-18018
- Woo Chia-Wei *see* Chia-Wei Woo
- Woo Kee-Do *see* Kee-Do Woo
- Woo Wee *see* Wee Woo
- Wood, A. *see* Almburak, M.A. 1-17110
- Wood, B.D., Wann-Joe Sun, D.Moto, G.A. Determination of pressure fields in a BWR suppression pool by means of Green's function and comparison with method of images and a finite difference solution 1-23794
- Wood, B.J. *see* Krishnan, G.N. 1-35571, 1-48572
- Wood, B.J. *see* Newton, R.C. 1-16042
- Wood, C., Doran, M., Hillier, I.H., Guest, M.F. Theoretical study of the electronic structure of the transition metal dimers, Sc_2 , Cr_2 , Mo_2 and Ni_2 1-41303
- Wood, C. *see* Woosley, J.D. 1-3017
- Wood, C.E.C., Rathbun, L., Ohno, H., DeSimone, D. On the origin and elimination of macroscopic defects in MBE films 1-34592
- Wood, C.E.C. *see* Davies, G.J. 1-3633
- Wood, C.E.C. *see* Wang, W.I. 1-34777
- Wood, C.J., Wickham, A.J. Graphite oxidation and coolant chemistry in CEGB AGRs 1-10442
- Wood, C.P. Boninite at a continental margin 1-32438
- Wood, C.P., Pyper, N.C. Relativistic corrections to carbon atom energy levels and their relation to the singlet-triplet splitting in methylene 1-6180
- Wood, C.P. *see* Stone, A.J. 1-28945
- Wood, C.P.L., Meire, H.B. A technique for imaging the vertebral artery using pulsed Doppler ultrasound 1-35845
- Wood, D. Collapse and fragmentation of isothermal gas clouds 1-36196
- Wood, D.A. The application of a Th-Hf-Ta diagram to problems of tectonomagmatic classification and to establishing the nature of crustal contamination of basaltic lavas of the British Tertiary Volcanic Province 1-13418
- Wood, D.A. Partial melting models for the petrogenesis of Reykjanes Peninsula basalts, Iceland: implications for the use of trace elements and strontium and neodymium isotope ratios to record inhomogeneities in the upper mantle 1-40088
- Wood, D.G.M. *see* Kollmann, T.M. 1-48711
- Wood, D.M. Classical size dependence of the work function of small metallic spheres 1-52643
- Wood, D.M. *see* Chakravarty, S. 1-38497
- Wood, D.O. *see* Hollander, J.M. [editor] 1-36468
- Wood, D.S., Oertel, G. Deformation in the Cambrian Slate Belt of Wales 1-9133
- Wood, D.S., Wynn, J., Baldwin, A.B., O'Riordan, P. Some creep/fatigue properties of type 316 steel at 625°C 1-39369
- Wood, E.H. *see* Ritman, E.L. 1-49123
- Wood, F.B. *see* Kwan-Yu Chen 1-54545
- Wood, F. Bradshaw *see* Bradshaw Wood, F.
- Wood, G.J., Bursill, L.A. The formation energy of crystallographic shear planes in TiO_{2n-1} 1-38387
- Wood, H.G., Morton, J.B. Onsager's pancake approximation for the fluid dynamics of a gas centrifuge 1-19726
- Wood, I.G., Wadhawan, V.K., Glazer, A.M. Temperature dependence of spontaneous birefringence in ferroelastic lead orthophosphate 1-3363
- Wood, I.G. *see* Cosier, J. 1-33084
- Wood, J. *see* Fiddy, M.A. 1-41603
- Wood, J. *see* Rakos, K.D. 1-49681
- Wood, J.D.L.H., Pearson, P.R. A repetitively pulsed carbon dioxide laser with mean power output in excess of 30 kW 1-46380
- Wood, J.G., Cotter, J., Nash, P.J. Hardness testing, a survey of Rockwell C scale diamond indenters 1-8523
- Wood, J.G. *see* Beale, W.T. 1-53652
- Wood, J.L. The use of systematics in the interpretation of nuclear structure far from the beta-stable region 1-10355
- Wood, J.L., Bradt, R.C., Walker, P.L., Jr. Subcritical crack growth in fine grained polycrystalline graphite 1-21567
- Wood, J.L., Bradt, R.C., Walker, P.L., Jr. Oxidation effects on toughness and slow crack growth in polycrystalline graphite 1-21568
- Wood, J.L. *see* Braga, R.A. 1-18536
- Wood, J.L. *see* Morgan, J.S. 1-53236
- Wood, J.V., Bee, J.V. Precipitation and deformation of rapidly solidified nickel superalloys 1-21589
- Wood, J.V., Mills, P.F., Waugh, A.R., Bee, J.V. Rapidly solidified nickel-base superalloys 1-21436
- Wood, K. *see* Mufson, S.L. 1-36381
- Wood, K. *see* Skinner, G.K. 1-17906
- Wood, K. *see* Ulmer, M.P. 1-54640
- Wood, L.A. Representation of long-time creep in a pure-gum rubber vulcanizate 1-39377
- Wood, L.D.H. *see* Lisboa, C. 1-17418
- Wood, M.D. *see* Smith, M.B. 1-44174
- Wood, M.H., Matthews, J.R., Johnson, F.A., Walter, A.J. Some predictions from the OGRES gas release code and comparison with experiment 1-7388
- Wood, M.H. *see* Bullough, R. 1-779
- Wood, M.H. *see* Hayns, M.R. 1-2531
- Wood, M.H. *see* Little, E.A. 1-784
- Wood, M.H. *see* Windsor, M.E. 1-5857
- Wood, M.I., Taylor, G. The deformation of niobium alloys containing Mo and Ta in solid solution 1-26575
- Wood, M.K. *see* Hall, D. 1-47073
- Wood, O.R., II *see* Silvast, W.T. 1-46381
- Wood, P.C. *see* Wyderen, T. 1-36965

- Wood, R., Buta, R.J. Supernova in NGC 6946 1-17861
- Wood, R.F. see Menzies, J.W. 1-54533
- Wood, R.A., Vass, A., Pidgeon, C.R., Firth, W.J. Operating characteristics of an optically pumped waveguide FIR laser 1-15158
- Wood, R.A. see Pidgeon, C.R. 1-46314
- Wood, R.F., Young, R.T., Westbrook, R.D., Narayan, J., Cleland, J.W., Christie, W.H. New techniques for the study and control of grain boundary effects 1-2469
- Wood, R.F. see Abraham, M.M. 1-38980
- Wood, R.F. see Nicklow, R.M. 1-2582, 1-11820
- Wood, R.J. see Hussein, M. 1-13151
- Wood, R.L. see Baker, J.M. 1-3255
- Wood, R.M. Earthquake at El Asnam 1-49226
- Wood, R.M., Edwards, A.K., Steuer, M.F., Monce, M.N., Shah, A.V. The dissociative ionization of CO₂ by fast heavy ions 1-12981
- Wood, R.M. see Shah, A.V. 1-33537
- Wood, S.A. see Henderson, J.M. 1-14656
- Wood, S.L., Morf, M. A fast implementation of a minimum variance estimator for computerized tomography image reconstruction 1-53865
- Wood, T.E. see Seitz, F. 1-8098
- Wood, W.E. see Sastry, C.N. 1-21491
- Wood, W.L. Numerical integration of structural dynamics equations including natural damping and periodic forcing terms 1-40645
- Wood, W.T. see Nicol, A.G. 1-5981
- Wood-hi Cheng The optimum power coupling from GaAs lasers into silicon-ended fibers 1-51623
- Woodall, J.M. III-V compounds and alloys: an update 1-12958
- Woodall, J.M. see Chappell, T.I. 1-53612
- Woodall, J.M. see Hovel, H.J. 1-39776
- Woodall, J.M. see Pollak, F.H. 1-16349
- Woodard, D.W. see Makram-Ebeid, S. 1-47548
- Woodbury, D. see Bienvenu, M.P. 1-1516
- Woodcock, J.P. Doppler imaging 1-22096
- Woodcock, J.P. see Skidmore, R. 1-8934, 1-8935
- Woodcock, L.V. see Cape, J.N. 1-2598
- Woodcock, L.V. see Clarke, J.H.R. 1-48095
- Woodcock, W.G., Mann, J.A. Multi-hundred kW solar arrays for space 1-53624
- Woodford, D.A. Thermal fatigue testing of gas turbine materials 1-35388
- Woodford, D.A., Stepien, R.W. Control of temper embrittlement in Ni-Cr-Mo-V steel by combining intercritical and low temperature austenitizing heat treatments 1-43375
- Woodhouse, G.F.W. A digital correlator for real time spectral analysis of radio astronomy signals 1-9385
- Woodley, R.E. Oxygen potentials of plutonia and uranium-plutonia solid solutions 1-35564
- Woodley, W.L., Griffin, C.G., Griffin, J.S., Strömatt, S.C. The inference of GATE convective rainfall from SMS-1 imagery 1-9209
- Woodman, R.F. see Richmond, A.D. 1-9317
- Woodruff, R. see Dewalt, F.G. 1-50219
- Woodroffe, A.B. see Duzy, C. 1-12606
- Woodrow, A.J. see Wolf, R. 1-4497
- Woodrow Wilson, C., Jr., Hopper, D.G. Theoretical studies of the ozone molecule. I. Ab initio MCSCF/CI potential energy surfaces for the X¹A₁ and a³B₂ states 1-37127
- Woodruff, D.P. see Armitage, A.F. 1-26317
- Woodruff, D.P. see Farrell, H.H. 1-39224
- Woodruff, D.P. see Traum, M.M. 1-5433
- Woodruff, G.L. Neutronics performance of a flowing particle bed for synthetic fuel production in fusion-fission hybrid reactors 1-881
- Woodruff, G.L. see Grant, P.J. 1-725
- Woodruff, G.L. see Sahin, S. 1-41239
- Woodruff, H.B., Caldwell, W.B., Singleton, B., Downing, G.V., Rosenberg, A.S., Baron, S.F., Ocker, W.A. A multitasking chromatography computer system 1-53505
- Woodruff, H.B., Smith, G.M. Computer program for the analysis of infrared spectra 1-53489
- Woodruff, W.L. Burnup-dependent cross-section data for research reactors and a comparison of REBUS-2 and PDO-7 burnup 1-50864
- Woods, A.J. Geomorphology, deformation, and chronology of marine terraces along the Pacific coast of central Baja California, Mexico 1-17585
- Woods, A.J. see Treadaway, M.J. 1-34138
- Woods, C.L., Jelley, N.A., Pilt, A.A., Winfield, J.S. Is the (⁷Li, ⁷Be) reaction a useful spectroscopic tool? 1-716
- Woods, C.R. see Schneider, A. 1-45719
- Woods, D.C. Examples of realistic aerosol particles collected in a cascade impactor 1-9236
- Woods, D.C. see Rose, W.I., Jr. 1-32417
- Woods, D.T., Cram, L.E. High resolution spectroscopy of the disk chromospheres. VII. Oscillations in plage and quiet Sun regions 1-54446
- Woods, H.A., Smy, P.R. The arc-supported boundary layer 1-11622
- Woods, J.D. Do waves limit turbulent diffusion in the ocean? 1-22354
- Woods, J.D. Diurnal and seasonal variation of convection in the wind-mixed layer of the ocean 1-22361
- Woods, J.E., Janssen, J.E., Reynolds, G.L. Buildings and dwellings 1-31997
- Woods, J.S. see Bumb, R.R. 1-53426
- Woods, J.W. see Stark, H. 1-32246, 1-51393
- Woods, L.C. On the thermodynamics of nonlinear constitutive relations in gasdynamics 1-29827
- Woods, L.C., Troughton, H. Transport processes in dilute gases over the whole range of Knudsen numbers. II. Ultrasonic sound waves 1-2033
- Woods, P.J. see Fessler, H. 1-19661
- Woods, P.T. see Birch, K.P. 1-28991
- Woods, P.T. see Rowley, W.R.C. 1-5289
- Woods, R.C. see Baggeley, D.M.S. 1-47867
- Woods, R.C. see Haese, N.N. 1-24009
- Woods, R.E. see Draper, C.W. 1-31724
- Woods, W.J., Girard, C., Struwe, D., Cooper, A.A., Davies, A.L., Herbert, R., Moxon, D., Hugla, M., Kaldi, S., Bottoni, M., Jacobs, H. Thermohydraulic aspects of the interpretation of the SCARABEE fuel failure experiments 1-821
- Woodward, C.K., Hilton, B.D. Hydrogen isotope exchange kinetics of single protons in bovine pancreatic trypsin inhibitor 1-8801
- Woodward, D. see Morkoc, H. 1-2474
- Woodward, J., Burstein, G.T. Surface segregation in a 3Cr-0.5Mo steel 1-16787
- Woodward, R. see Sarantides, D.G. 1-45771
- Woodward, W.S. see Fraley, D.F. 1-50260
- Woodworth, see Armstrong, T. 1-10254
- Woodworth, B.B. see Wilder, D.G. 1-22052
- Woodworth, J.L. see Trott, W.M. 1-39656
- Woodworth, P.R. see Bell, K.W. 1-6101, 1-37063
- Woodworth, P.L. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Woody, C. see Botner, O. 1-37065
- Woody, C.L. see Stroynowski, R. 1-18522
- Woody, J.N. see Sulek, K. 1-8912
- Woodyard, J.R. see Cooper, C.B. 1-3556
- Wool, R.P. Infrared studies of deformation in semicrystalline polymers 1-35328
- Wool, R.P., Boyd, R.H. Molecular deformation of polypropylene 1-11802
- Wool, R.P. see O'Connor, K.M. 1-11741
- Woolf, A., Johnson, A.F. The solution of plate deflection problems by finite difference methods 1-24706
- Woolf, L.A., Harris, K.R. The effects of isotopic substitution in the diffusion of water under pressure. [NMR observations] 1-38571
- Woolf, L.D. see Hamaker, H.C. 1-30867
- Woolf, L.D. see Mackay, H.B. 1-34879
- Woolf, L.D. see Maple, M.B. 1-25844
- Woolf, L.D. see Moncton, D.E. 1-30883
- Woolf, S. see Filippone, W.L. 1-45739
- Woolfrey, J.L. see Reeve, K.D. 1-42429
- Woolfson, M.M. see Dorman, J.R. 1-4821
- Wooliam, J.A., Haugland, A.J., Dowell, M.B., Yavrouian, A., Lozier, E.G., Matulka, G. Electronic properties of metal chloride intercalants of graphite 1-42679
- Woollett, R.S. Basic problems caused by depth and size constraints in low-frequency underwater transducers 1-11278
- Woolley, J.C. see Hughes, O.H. 1-2412
- Woolson, W.A., Gritzner, M.L. Analysis of gamma-gamma logging probes 1-22554
- Woolstadt, M. see Brandelik, R. 1-23510
- Woong Kil Choo, Kwan Hee Han, Yang Mo Koo A study on the preparation of aluminium alloy composites containing Al₂O₃ and SiC particles using Compocasting process and their mechanical properties 1-16720
- Wootley, J.D., Wood, C., Sonder, E., Weeks, R.A. Photoelectric effects in magnesium aluminum spinel 1-3017
- Wootsley, S.E., Weaver, T.A. Anomalous isotopic composition of cosmic rays 1-54335
- Wooten, A., Bozyan, E.P., Garrett, D.B., Loren, R.B., Snell, R.L. Detection of C₂H in cold dark clouds 1-9602
- Wooten, A., Snell, R., Evans, N.J., II Models of molecular clouds and the abundances of H₂CO and HCO⁺ 1-9618
- Wooten, A. see Loren, R.B. 1-22867, 1-44603
- Wooten, H. Alwyn see Alwyn Wooten, H.
- Wootters, W.K. Statistical distance and Hilbert space 1-44788
- Wootton, A.J. see Fielding, S.J. 1-25033
- Wootton, P. see Lanzl, L.H. 1-44009
- Wootton, R.E., Chantry, P.J. A critique of methods for calculating the dielectric strength of gas mixtures and a proposed test for synergism 1-6921
- Wootton, R.E., Dale, S.J. 60 Hz breakdown characteristics of SF₆ and its mixtures with CF₃SF₅, CF₃CF₂ and He in non-uniform fields 1-11507
- Wootton, R.E., Dale, S.J., Zimmerman, N.J. Electric strength of some gases and gas mixtures 1-7031
- Wootton, R.E., Lieberman, R.W., Kegelman, M.R., Thompson, J.B. Prediction of electrical breakdown carbonization of gases and gas mixtures 1-20004
- Wootton, R.E. see Dale, S.J. 1-20001
- Worch, H., Rahner, D., Sommer, J., Schatt, W. Crystallographic approach of passivation of metals 1-39540
- Worden, S.P. see Keil, S.L. 1-27464
- Worden, S.P. see Welter, G.L. 1-44550
- Worgul, B.V., Merriam, G.R., Jr. The lens epithelium and radiation cataracts. II. Interphase death in the meridional rows? 1-43912
- Work, E.A., Jr. see Gilmer, D.S. 1-4653
- Worle, H.A. Fissile material control: pitfalls and promises 1-50797
- Worley, N.G. Down steam-water flow steam generator 1-10417
- Worley, S.D. see Chiang, H.J. 1-14821
- Worlock, J.M. see Pinczuk, A. 1-7719, 1-12516, 1-16355, 1-52960
- Wormell, P.M.J.H., Kidger, M.J. Optical design programs at Imperial College 1-46502
- Wormer, J.D. Van see Van Wormer, J.D.
- Wormer, P.E.S., Paldus, J. Configuration interaction matrix elements. III. Spin functions relating the unitary and symmetric group approaches 1-10674
- Worner, B. see Brandt, R. 1-2939
- Worner, B. see Kottler, W. 1-968
- Woronoff, A. The investment needs of the coal industry of the European community 1-8661
- Worotnicki, G. see Denham, D. 1-13411
- Worrall, D.M., Boldt, E.A., Holt, S.S., Mushotzky, R.F., Serlemitsos, P.J. Variable X-ray spectra of BL Lacertae objects: HEAO 1 observations of PKS 0548-322 and 2A 1219+305 1-49784
- Worrall, D.M., Boldt, E.A., Holt, S.S., Serlemitsos, P.J. The X-ray spectrum of OSO 0241+622 1-9712
- Worrall, D.M. see Kondo, Y. 1-54609
- Worrell, W.L. see Ramanarayanan, T.A. 1-8577
- Worsell, M.F. see Armstrong, T. 1-10606
- Worsham, R.E. see Johnson, R.L. 1-990
- Worsley, T.R., Herman, Y. Episodic ice-free Arctic Ocean in Pliocene and Pleistocene time: calcareous nanofossil evidence 1-52427
- Worswick, D., Pilkington, R. The effect of prior damage on creep-crack propagation in ferritic steels 1-16896
- Worswick, S.P. see Phillips, J.P. 1-4962
- Wortel, R. see Cloetingh, S. 1-32396
- Worth, M.D. see Hershey, J.L. 1-9481
- Worthington, C.R. see Crist, B. 1-29948
- Worthington, L.E. see Cheung, T.T.P. 1-19118
- Worthington, M.H. see Oristaglio, M.L. 1-22514
- Worthington, S.M., III see Purvis, E., III 1-43749
- Worthington, T.K., Thompson, D.A. A magnetoacoustic position sensor 1-5276
- Wortis, M. see Svrakic, N.M. 1-3202
- Wortman, D.E. see Morrison, C.A. 1-30688, 1-51834
- Wortman, D.J. see Grisik, J.J. 1-30596
- Wortmann, F.X., Strunz, M. Experimental study of boundary layer waves at large amplitudes 1-37894
- Wortmann, G. see Heidemann, A. 1-20461
- Wortmann, G. see Moser, J. 1-47992
- Wortmann, G. see Stewart, G.A. 1-7980
- Wortmann, G. see Strauss, A. 1-3305
- Woryna, E. see Kaliski, S. 1-34095
- Woschni, E.-G. Reduction of either statistical or dynamic errors in measurement by means of correction programs or networks and demands to the quality of systems 1-219
- Woschni, E.-G. Relations between the different definitions of dynamic errors in measurements and results for practical application 1-23151
- Woschni, H.G. see Christoph, R. 1-44892
- Woszycki, A. see Audouze, J. 1-36297
- Wosiek, J., Zaleski, K. Analytic solution of the QCD evolution equation for the non-singlet structure functions 1-10210
- Wosinski, T. Effect of plastic deformation on the EPR spectrum of semi-insulating GaAs:Cr 1-3250
- Woskressenski, W.A. see Sokolowa, J.A. 1-8362
- Woste, L. see Webster, C.R. 1-24436
- Wostenholm, G.H. see Dootson, M. 1-7358
- Wotton, B.L. see Hosbors, R.R. 1-53221
- Woude, A. Van der see van der Woude, A.
- Woude, A. Van der see Van der Woude, A.
- Woude, F. Van der see van der Woude, F.
- Woude, F. Van der see Van der Woude, F.
- Wouterloot, J.G.A. see Baud, B. 1-17887
- Wouters, J.M. see Aysto, J. 1-45414
- Wouters, J.M. see Shottar, A.C. 1-33251
- Wouters, M.C.H.M. see Wolter, J. 1-37777
- Woyce, G.M. see Bourne, J.R. 1-22147
- Woycik, W. see Kalinowska, B. 1-23241
- Woyanovich, F. Excitations with complex wavenumbers in a Hubbard chain. II. States with several pairs of complex wavenumbers 1-20603
- Woyanovich, F. Excitations with complex wavenumbers in a Hubbard chain. I. States with one pair of complex wavenumbers 1-30610
- Wozniak, G.J. see Schmitt, R.P. 1-41130
- Woznicka, U. see Drozdowicz, K. 1-28510
- Woznicki, J. Evanescent wave structure for total reflection of Gaussian beam at a plane interface 1-19261
- Woznicki, W. see Muszynska, J. 1-18994

- Wackmeyer, B. ¹³C and ¹¹⁹Sn NMR of tetrakis(trimethylstannyl)allene and tris(trimethylstannyl)allene 1-14924
- Wraith, P.K. see Douglas, N.J. 1-13331
- Wrandemark, S. A study of early-type stars in a Perseus arm area 1-36406
- Wranglen, G. see Berendsen, J. 1-43572
- Wray, A.J. see Degani, D. 1-19668
- Wray, P.A. A yield-point phenomenon at 850 to 1100°C in plain carbon steels 1-48443
- Wray, V., Ernst, L., Lund, T., Jakobsen, H.J. Carbon-carbon spin-spin coupling constants in monosubstituted benzenes 1-14936
- Wray, W.O. A simple procedure for assessing thermal comfort in passive solar heated buildings 1-8686
- Wrede, D.E. see Nair, R. 1-49126
- Wren, D.J. Fluorescence of optical materials stimulated by ArF laser radiation at 193 nm 1-16592
- Wren, D.J., Setser, D.W. Quenching rate constants of metastable states of neon, argon, and krypton by mercury atoms 1-51267
- Wrenn, G. see Shepherd, G.G. 1-9313
- Wrenn, M.E. see Linsalata, P. 1-53715
- Wrenn, M.E. see Steinhauser, F. 1-22076
- Wreszinski, W. see Cattaneo, U. 1-5134
- Wriedt, H. see Bartel, W. 1-18500, 1-45253, 1-45254
- Wriedt, H. see O'Neill, L.H., Jr. 1-50443
- Wriedt, H.A. Solubility product of aluminum nitride in 3 percent silicon iron 1-20398
- Wriekat, A., Adams, G.S., Bleszynski, M., Hajisaid, S.M., Igo, G., McClelland, J.B., Paulteta, G., Whitten, C.A., Jr., Gazzaly, M., Tanaka, N. Elastic ρ scattering at 1.463 GeV/c in the Coulomb interference region 1-23659
- Wright, A.C. Neutron magnetic scattering studies of amorphous solids 1-3141
- Wright, A.C. The extraction of an accurate $\rho(r)$ from diffraction data for amorphous materials 1-20062
- Wright, A.C., Connell, G.A.N., Allen, J.W. Amorphography and the modelling of amorphous solid structures by geometric transformations 1-30056
- Wright, A.C. see Allen, J.W. 1-30360
- Wright, A.C. see Galeener, F.L. 1-31139
- Wright, A.C. see Milder, D.F.R. 1-30058
- Wright, A.C. see Sinclair, R.N. 1-30069
- Wright, A.E. see Doerner, R.C. 1-10481
- Wright, A.E. see Morton, D.C. 1-9713
- Wright, A.G. Theoretical and practical considerations in the use of photomultipliers for low light level measurements 1-28062
- Wright, A.L., Kress, T.S., Smith, A.M., Rochelle, J.M. Determination of UO_2 electrical conductivity change when heated through melt 1-10482
- Wright, C.C., Cummings, P.T. Solution of the Ornstein-Zernike equation for a soft-core Yukawa fluid. II. Numerical results 1-42278
- Wright, C.H. see Tonge, K.A. 1-49101
- Wright, C.J. see Hall, P.G. 1-47371
- Wright, D.G. On the stability of a fluid with specialized density stratification. I. Baroclinic instability and constant bottom slope 1-22346
- Wright, E.L. Consequences of the angular momentum of the cosmic microwave background 1-27640
- Wright, E.L. The infrared echo of a supernova in a dust cloud 1-44579
- Wright, E.L., Harper, D.A., Loewenstein, R.F., Keene, J., Whitcomb, S.E. Search for far-infrared emission from young supernova remnants 1-22866
- Wright, E.L. see Li, F.K. 1-17907
- Wright, E.L. see Schneps, M.H. 1-49746
- Wright, F.J. The Stokes set of the cusp diffraction catastrophe 1-5111
- Wright, G.A.E. see Fowler, L.A. 1-36315
- Wright, G.A.E. see Hankins, T.H. 1-32718
- Wright, G.L. see Charlton, M. 1-24291
- Wright, G.W. see Duncan, J.E. 1-23817
- Wright, G.W. see Walsh, E.G. 1-49142
- Wright, H.C. see Jay, P.R. 1-50167
- Wright, J. see Shau-Jin Chang 1-50053
- Wright, J.A., Jessop, A.M., Judge, A.S., Lewis, T.J. Geothermal measurements in Newfoundland 1-54019
- Wright, J.A. see Schlössinger, L. 1-1469
- Wright, J.C. Laser spectroscopy of defect equilibria in fluorite materials 1-3441
- Wright, J.C., Moore, D.S. Solid state chemistry in the fluorites and its influence on the spectroscopy 1-25265
- Wright, J.C., Wirth, M.J. Principles of lasers 1-10976
- Wright, J.C. see Moore, D.S. 1-43142
- Wright, J.J., Balling, L.C. Absorption and emission spectra of Li atoms trapped in rare gas matrices 1-6192
- Wright, J.J. see Haves, M.D. 1-24160
- Wright, J.L. see Roberts, P.H., Jr. 1-44406
- Wright, J.S., Shing-Kuo Shih, R.M.C.S.-CI potential surface for $\text{H}_2\text{O} \cdots \text{OH} + \text{H}$ 1-37140
- Wright, J.S., Shing-kuo Shih, Buecker, R.J. Ab initio potential surface for ozone decomposition 1-14834
- Wright, J.V. see Clough, B.J. 1-35966
- Wright, J.W., Plant, W.J., Keller, W.C., Jones, W.L. Ocean wave-radar modulation transfer functions from the West Coast Experiment 1-13476
- Wright, K.M. see Packer, K.J. 1-43022
- Wright, L.E., Soto Vargas, C.W. Calculation of the virtual photon spectrum in distorted wave analysis 1-18607
- Wright, M. UK plans for remote ocean sensor systems 1-8788
- Wright, M.C.H., Forster, J.R. An aperture synthesis of the Crab Nebula at 23 Gigahertz 1-9605
- Wright, P.D., Nelson, R.J. High-efficiency stripe-geometry InGaAsP DH lasers ($\lambda = 1.3 \mu\text{m}$) with chemically-etched mirrors 1-11014
- Wright, P.D. see Nelson, R.J. 1-46346
- Wright, P.D. see Wilson, R.B. 1-41707
- Wright, P.G. Conceptually distinct types of thermodynamics 1-38
- Wright, P.R.S. see Gottgers, R. 1-50472
- Wright, R.B. see Gruen, D.M. 1-34090
- Wright, R.D. see Goodenough, J.B. 1-39809
- Wright, R.E. see Menon, M.M. 1-985
- Wright, R.F., Nydegger, P. Sedimentation of detrital particulate matter in lakes: influence of currents produced by inflowing rivers 1-17635
- Wright, R.J. see Roberts, P.D. 1-10523
- Wright, T.P. Multi-channel ion beam overlap 1-51965
- Wright, T.P., Baker, L., Cowan, M., Freeman, J.R. Magnetic flux compression by expanding plasma armatures [computer code] 1-34059
- Wright, T.P., Halbleib, J.A., Sr. Theoretical multiple beam overlap from channel transport of intense particle beams 1-2157
- Wright, T.P. see Halbleib, J.A., Sr. 1-2158
- Wright, V. see Amis, A.A. 1-17433, 1-35795
- Wright, W.F. Space Telescope performance and verification 1-32625
- Wright, W.M. see Mann, J.C. 1-49904
- Wrighton, M.S. see Bard, A.J. 1-7727
- Wrighton, M.S. see Bocarsly, A.R. 1-7729
- Wrighton, J.M. see Warren, R.M. 1-13257
- Wrigley, R.C. see Hovis, W.A. 1-54282
- Wrixon, G.T. Study of the morphology, fabrication and methods of increasing the efficiency of gallium arsenide Schottky-barrier solar cells 1-26837
- Wrobel, A.M. see Schreiber, H.P. 1-16979
- Wrobel, J. see Derentowicz, H. 1-37968
- Wrobel, J. see Misiewicz, J. 1-3429
- Wrobel, L.C. see Brebbia, C.A. 1-18025
- Wrobel, S. see Massalska-Arodz, M. 1-15789
- Wrobel, W.-G. Lasers using noble gas molecules 1-41716
- Wroblewski, A.K. see Abramowicz, H. 1-45378
- Wroblewski, A.K. see Eskreis, A. 1-594
- Wroblewski, A.K. see Ko, W. 1-10263
- Wroblewski, B.M. Transverse load on the hip joint: a subject for further research 1-49027
- Wroblewski, D. see Carlhoff, C. 1-46906
- Wroblewski, H., Costa, E., Torres, C. Precise optical positions of southern radio sources 1-36423
- Wroblewski, K. see Ejchart, A. 1-14155
- Wroldstad, K. Interval velocity and attenuation measurements in sediments from marine seismic reflection data 1-15311
- Wronkowski, L. Sources of error in optoelectronic transducers for length measurement 1-27946
- Wronski, A.S., Howard, R.J. Tensile and compressive strengths of uniaxially-aligned carbon fibre-nickel composite under superposed hydrostatic pressure 1-35338
- Wronski, A.S., Howard, R.J. Failure criteria in brittle solids under complex loading 1-35385
- Wronski, A.S. see Li-Chung, W. 1-34423
- Wronski, A.S. see Parry, T.V. 1-35339
- Wronski, A.S. see Pofelska-Filip, I. 1-34422
- Wronski, C.R., Abeles, B., Cody, G.D. The influence of carrier generation and collection on short-circuit currents in amorphous silicon solar cells 1-32027
- Wronski, C.R., Daniel, R.E. Photoconductivity, trapping, and recombination in discharge-produced, hydrogenated amorphous silicon 1-47710
- Wronski, C.R. see Abeles, B. 1-30779
- Wronski, C.R. see Cody, G.D. 1-31216
- Wronski, C.R. see Gutkowsky-Krusin, D. 1-48838
- Wronski, C.R. see Tiedje, T. 1-30784
- Wronski, W. see Rowinska, L. 1-31940
- Wruess, W. see Banik, G. 1-16750
- Wryzykowska, K. see Halpern, A.M. 1-29098
- Wrzeźniok, J. see Evseev, V.S. 1-50658
- Wu, A. Effects of an acrylic resin tar on relative surface doses for 10 MV X-ray beams 1-35887
- Wu, A.Y., Sladek, R.J., Mikkelsen, J.C., Jr. Thermal expansivity in superionic RbAg_2I 1-7360
- Wu, B.C., Altiero, N.J. A new numerical method for the analysis of anisotropic thin-plate bending problems 1-51700
- Wu, C.-I. see Zhukov, M.V. 1-10339
- Wu, C.-C., Chen, A. Effect of nonparabolicity on transverse magnetoresistance in degenerate piezoelectric semiconductors 1-7641
- Wu, C.-C. see Mattei, J. 1-44569
- Wu, C.H., Tauchert, T.R. Thermoelastic analysis of laminated plates. II. Antisymmetric cross-ply and angle-ply laminates 1-37802
- Wu, C.-I. see York, T.M. 1-17752
- Wu, C.K. see Bartholomew, R.F. 1-26193
- Wu, C.K. see Nicol, M.F. 1-3729
- Wu, C.-K. Photodichroic silicate glass surface 1-6626
- Wu, C.M., Yang, E.S. Modification of Schottky barrier height by surface grain boundaries of polycrystalline silicon 1-38836
- Wu, C.M. see Yang, E.S. 1-43781
- Wu, C.-M.M., Yang, E.S. Recrystallized Al-nSi Schottky barriers with a barrier height of 0.93 eV 1-38849
- Wu, C.S. see Xia Jianbai 1-19900
- Wu, C.T. see Kaiser, H.D. 1-21623
- Wu, C.-Y. Barrier height reduction of the Schottky barrier diode using a thin highly doped surface layer 1-7708
- Wu, E.M. see Christensen, R.M. 1-46704
- Wu, F.M., Judge, D.L., Carlson, R.W. Observations of extreme ultraviolet emissions from the Saturnian plasmasphere 1-40400
- Wu, F.T., Roberts, C. Microwave interactions of electrons in glow discharges 1-38050
- Wu, F.Y. On the equivalence of the Ising model with a vertex problem 1-7798
- Wu, F.Y. Dilute Potts model, duality and site-bond percolation 1-32923
- Wu, F.Y. Exact results for a dilute Potts model 1-44854
- Wu, F.Y., Zia, R.K.P. Critical point of a triangular Potts model with two- and three-site interactions 1-44852
- Wu, G.H. see Barber, D.P. 1-534, 1-28309
- Wu, I.W. see Hong, M. 1-47832
- Wu, J.B.C., Brown, N. The enhancement of the tensile strength of biaxially oriented polyvinylidene chloride by a gaseous environment 1-8385
- Wu, J.C. see Bardhan, K.K. 1-34474, 1-34584
- Wu, J.J., Simkins, T.E. A numerical comparison between two unconstrained variational formulations 1-24729
- Wu, J.R. see Anderson, B.D. 1-41109
- Wu, J.R. see Bertrand, F.E. 1-14502, 1-45550
- Wu, J.R. see Cowley, A.A. 1-23658
- Wu, J.R. see Fulmer, C.B. 1-50617
- Wu, M.K. see Chu, C.W. 1-42880
- Wu, M.L.C. see Herman, G.F. 1-22486
- Wu, P. see Peltier, W.R. 1-22314
- Wu, P.K., Root, R.G. Single pulse laser irradiation of fiberglass 1-15923
- Wu, P.S., Edwards, D.K. Effect of combined tilt and end clearance upon natural convection in high L/D rectangular honeycomb 1-13167
- Wu, R.L.C., Tiernan, T.O. Collisional dissociation of negative cluster ions formed in $\text{N}_2\text{O}/\text{H}_2\text{O}$ gaseous mixtures 1-37380
- Wu, R.L.C. see Jones, E.G. 1-39608
- Wu, S.L. see Antreasyan, D. 1-10287
- Wu, S.M. see Mullens, J.A. 1-818
- Wu, S.T., Steinolfson, R.S., Dryer, M., Tandberg-Hanssen, E. Magnetohydrodynamic models of coronal transients in the meridional plane. IV. Effect of the solar wind 1-54434
- Wu, S.X. see Barber, D.P. 1-28309
- Wu, T.C. see Miller, G.R. 1-38989
- Wu, T.C. see McCoy, B.M. 1-20945
- Wu, T.W. see Barber, D.P. 1-14407
- Wu, T.W. see Barber, D.P. 1-534, 1-28309
- Wu, V. see Bhagat, P.K. 1-13367
- Wu, W. The correlation function of agglomerated particles and its applications in electromagnetic scattering 1-39113
- Wu, X.Z. see Ma, Z.Y. 1-18691
- Wu, X.Z. see Song, L. 1-10595
- Wu, Ay-Ju. see Ay-Ju, A. Wu
- Wu Bang-bui, Liu Yong-xian, Hu Shi-ke. A possible type of potential for the bound state of mesons 1-18381
- Wu Che-Kuang see Che-Kuang Wu
- Wu Cheng-Li see Cheng-Li Wu
- Wu Chhi-Chong see Chhi-Chong Wu
- Wu Chi-Chao see Chi-Chao Wu
- Wu Chi-Chao see Chi-Chao Wu
- Wu Cui-lun see Yao Nai-yan 1-46996
- Wu Cun-kai, Fan Jun-yan, Wang Zhi-yong. Investigation of degenerate four-wave mixing and phase conjugation in organic dye solutions 1-51541
- Wu Dan-Di $\text{SU}(2) \times \text{U}(1) \times \text{S}$ model mixings and CP violations of $\text{K}^0\text{-}\bar{\text{K}}^0$ -like systems 1-45189
- Wu Dan-di see Dan-di Wu
- Wu De-hai, Lin Zhi-wei, Li Chun-li, Liang Guang-qi, Lu Jin-wen, Chen Xi-chen, Yi Sun-sheng, Wang Zu-lun. ϵ phase in Fe-C, Fe-C-Sb alloy systems obtained by splat quenching 1-53209
- Wu Duo-zhen. The charge transfer and splitting of 4d orbitals of Mo atom in Chevrel phase $\text{M}_6\text{Mo}_6\text{S}_8$ compounds 1-52530
- Wu Hang-sheng see Mao De-qiang 1-47802

- Wu Hang-sheng *see* Zhou Zi-fang 1-20895, 1-25818, 1-52677
- Wu Ji-lan *see* Li Xing-hong 1-32188
- Wu Jian-shi *see* Wu Yong-shi 1-44828
- Wu Jian-Zheng The excitation temperature of the fine structure levels of the P ground state of atomic oxygen in the thermosphere 1-54301
- Wu Jin *see* Jin Wu
- Wu Jing-Yuan, Xie Yi-Cheng Proton-nucleus scattering in a thermodynamical fireball model 1-45509
- Wu Jung-sen *see* Chao Jih-ping 1-22473
- Wu Lu The large dip wave equation migration in time-domain 1-22223
- Wu Lu Chang, Voges, E. Geodesic components for guided wave optics 1-11179
- Wu Mei *see* Chen Ying-Xuan 1-45789, 1-49465
- Wu Rong-sheng Characteristics of multi-time scales of motion and temporal boundary layers in a rotating atmosphere. II 1-27243
- Wu Sau Lan *see* Sau Lan Wu
- Wu Shan-Ling *see* Li Zhu-Qi 1-46958
- Wu Shinn-Tyan *see* Shinn-Tyan Wu
- Wu Shiu-Chin *see* Shiu-Chin Wu
- Wu Shunian The general damping oscillating equation of n -order and S -function 1-23005
- Wu Tai Tsun *see* Tai Tsun Wu
- Wu Wei-fang *see* Li Guo-dong 1-52753
- Wu Wei-Tsong *see* Wei-Tsong Wu
- Wu Wen-Tai *see* Liu Mao-San 1-41268, 1-46196
- Wu Xi-Zhen, Zhang Xi-Zhen, Zhuo Yi-Zhong, Feng Ren-Fa Velocity current distribution for fast rotation nuclei 1-45410
- Wu Xi-Zhen *see* Zhang Xi-Zhen 1-45411
- Wu Xi-zhen *see* Zhuo Yi-zhong 1-18671
- Wu Xiao-ping, He Shi-ping, Li Zhi-chao Movement of space speckle 1-19264
- Wu Yong-sheng Detection of pulsed gravity-waves in thermal noise 1-23100
- Wu Yong-Sheng *see* Zhang Ping-Hua 1-49543
- Wu Yong-shi, Wu Jian-shi The scalar curvature of the principal fibre bundle with a right-translation invariant metric and the unified Lagrangian of gravitational-gauge fields 1-44828
- Wu Yu-Qin *see* Guo Chang-Lin 1-47051
- Wu Yu-qin *see* Kuo Chang-lin 1-48364
- Wu Yunzhong Electromigration phenomenon in tungsten 1-52330
- Wu Zi-qin, Gao Qiao-jun, Li Yong-hong, Tang Xian-de A HVEM observation of the Nb/Nb₃Sn composite superconducting materials 1-20410
- Wu Zi-qin *see* Zhang Ren-ji 1-53497
- Wu Zong-En *see* Liu Bo 1-45542
- Wu-ki Tung *see* Johnson, P.W. 1-14329
- Wu-xing Lu *see* Lu Wu-xing
- Wu-Yang Chu, Shi-Qun Li, Chi-Mei Haiao, Juhug-Zuor Tien Mechanism of stress corrosion cracking of steels in H₂S 1-39512
- Wudl, F. Chemistry of organic conductors: a review of strategies 1-43292
- Wudl, F. *see* Andres, K. 1-16408
- Wudl, F. *see* Haddon, R.C. 1-45820
- Wuerker, R.F., Heflinger, L.O., Flannery, J.V., Kassel, A. Holography on space shuttle 1-15121
- Wuerker, R.F., Heflinger, L.O., Flannery, J.V., Kassel, A., Rollauer, A.M. Holography on the NASA Space Shuttle 1-41626
- Wuerker, R.F. *see* Heflinger, L.O. 1-38031
- Wuest, J. *see* Abela, R. 1-5628
- Wuhl, H. *see* Dietzsche, W. 1-7278
- Wuilleumier, F. *see* Krummacher, S. 1-6326
- Wujec, T., Weniger, S. Transition probabilities of Cr(I) and Cr(II) lines lying between 422 and 485 nm, using emission measurements from a wall stabilized arc 1-33418
- Wulff, A. *see* Le Roux, P.L.M. 1-22134
- Wulff, C.A. *see* Bowerman, B.S. 1-2631
- Wulfften Palthe, D.W. *see* Van Wulfften Palthe, D.W.
- Wullaert, R.A. *see* Ritchie, R.O. 1-47165
- Wullaert, R.A. *see* Server, W.L. 1-12680
- Wunder, B. *see* Chu, W.-K. 1-53908
- Wunder, S.L. *see* Schoen, P.E. 1-37359
- Wunderlich, B. Molecular nucleation and segregation 1-30388
- Wunderlich, B., Gaur, U., Mencil, J. The glass transition of linear macromolecules 1-38514
- Wunderlich, B. *see* Mencil, J. 1-16028
- Wunderlich, R.W., Folger, R.L., Giddon, D.B., Ware, B.R. Laser Doppler blood flow meter and optical plethysmograph 1-2114
- Wunderlich, W. On a consistent shell theory in mixed tensor formulation 1-6782
- Wungkobkiat, S., Uchida, T., Minami, S. Photometric characteristics of image dissector tubes in photon counting operation 1-19469
- Wunner, G. Transition probabilities for the hydrogen atom in intense magnetic fields using the adiabatic approximation comparison with variational results 1-27366
- Wunner, G., Ruder, H., Lyman- and Balmer-like transitions for the hydrogen atom in strong magnetic fields 1-17763
- Wunner, G., Ruder, H. Electromagnetic transitions for the hydrogen atom in strong magnetic fields 1-44424
- Wunner, G., Ruder, H., Herold, H. Comment on the effect of the proton mass on the spectrum of the hydrogen atom in a very strong magnetic field 1-1148
- Wunner, G., Ruder, H., Herold, H. Energy levels, electromagnetic transitions and annihilation of positronium in strong magnetic fields 1-46173
- Wunner, G., Ruder, H., Herold, H., Reinecke, M. Microscopic theory of nuclear collective rotation. V. Connection between nuclear moments of inertia and the definition of a body-fixed frame 1-5712
- Wunner, G. *see* Herold, H. 1-46054
- Wunner, G. *see* Ruder, H. 1-41347
- Wunner, G. *see* Schmitt, W. 1-49496
- Wunsch, B. *see* Deden, H. 1-28311
- Wunsch, C. Meridional heat flux of the North Atlantic Ocean 1-40141
- Wunsch, J. Water treatment for nuclear power plants 1-50755
- Wunsch, M., Schmidt, I. Photographic efficiency of partially hydrolysed gelatine 1-4111
- Wunsche, R. *see* Balashov, V.V. 1-10370
- Wunsche, H.-J. *see* Thuselet, F. 1-30666
- Wurflinger, A., Landau, R. Dielectric constant and PVT measurements on plastic crystals at low temperatures up to 3000 bar 1-39026
- Wurflinger, A. *see* Landau, R. 1-20373
- Wurlitzer, M., Franke, J. Some experiments on recombination in the photomagnetic effect in doped YIG 1-52825
- Wurlitzer, M. *see* Mull, H. 1-25928
- Wurm, J.P. Light-particle emission at high angular momentum 1-45518
- Wurm, J.P. *see* Kuhn, W. 1-23676
- Wurm, J.P. *see* Trautman, W. 1-45489
- Wurrey, C.J., Krishnamoorthi, R., Nease, A.B. Vibrational spectra and structure of cyclopropyl isothiocyanate 1-19097
- Wurrey, C.J. *see* Kalasinsky, V.F. 1-19102
- Wurster, R. *see* Seiler, H. 1-54195
- Wurtz, J. *see* Andersen, P.S. 1-51857
- Wurtz, J.E. Fiber-optic CRTs and their use in copy machines for plain-paper nonimpact printing 1-6668
- Wurtz, R. *see* Neeb, K.H. 1-50759
- Wurzbach, W.F. *see* Kile, J.E. 1-22022
- Wustenberg, H. *see* Argyris, J.H. 1-1848, 1-24690
- Wustenberg, H. *see* Neumann, E. 1-50778
- Wuthrich, K., Wagner, G., Richarz, R., Braun, W. Correlations between internal mobility and stability of globular proteins 1-8813
- Wuthrich, K. *see* Nagayama, K. 1-19219
- Wuthrick, J.-P. *see* Aston, D. 1-14399, 1-45297, 1-50442
- Wuthrick, J.-P. *see* Corre, A. 1-45798
- Wuttke, W. *see* Kampf, S. 1-21592
- Wuttke, W. *see* Puff, M. 1-53299
- Wuyang Chu *see* Chu Wuyang
- Wyant, A.R. *see* Liburdy, R.P. 1-32319
- Wyant, J.C. *see* Hayes, J. 1-37576
- Wyart, J.F., Bauche-Arnoult, C. Interpretation of configurations of $4f^{N-5}d$ and $4f^{N-6}s$ by the generalised parametric method 1-37088
- Wyart-Remy, M. *see* Kirsch-De Mesmaeker, A. 1-8730
- Wyatt, A.F.G. Characteristics of Kapitza conductance 1-16128
- Wyatt, D.G. *see* Bevir, M.K. 1-46830
- Wyatt, F., Berger, J. Investigations of tilt measurements using shallow borehole tiltmeters 1-13597
- Wyatt, J.R. *see* Colton, R.J. 1-36768
- Wyatt, N. *see* Berge, J.P. 1-540
- Wyatt, R., Cotter, D. Tunable infrared generation using the 6s-5d Raman transition in caesium vapour 1-29342
- Wyatt, R.E. *see* Leasure, S.C. 1-24106
- Wyatt, R.F. Comparison of estimates of activation and recovery times from bipolar and unipolar electrograms to in vivo transmembrane action potential durations 1-32278
- Wyatt, T. *see* Brandelik, R. 1-23527
- Wyatt, T.R. *see* Brandelik, R. 1-23510, 1-50411
- Wybourne, B.G. *see* Bickertaff, R.P. 1-40963
- Wybourne, B.G. *see* Dehuai, L. 1-36525
- Wybourne, M.N., Chailis, L.J., Ghazi, A.A. The hyperfine spectrum of V^{3+} in Al₂O₃ at 166 GHz observed by phonon spectroscopy 1-30494
- Wybourne, M.N. *see* Chailis, L.J. 1-15970
- Wyckoff, S., Wehinger, P.A., Gehren, T., Morton, D.C., Boksenberg, A., Albrecht, R. Discovery of nebulosity associated with the quasar 3C 273 1-49847
- Wyckoff, S., Wehinger, P.A., Spinrad, H., Boksenberg, A. 3C 206: a resolved quasar in a cluster of galaxies 1-9709
- Wycliffe, P., Kocks, U.F., Embury, J.D. On dynamic and static strain ageing in substitutional and interstitial alloys 1-43383
- Wyder, P. *see* Bluyssen, H.J.A. 1-3263, 1-29264
- Wyder, P. *see* Bruls, G.J.C.L. 1-42745
- Wyder, P. *see* Jansen, A.G.M. 1-20858, 1-34774
- Wyder, P. *see* Jongbloets, H.W.H.M. 1-3008
- Wyder, P. *see* Perenboom, J.A.A.J. 1-34912
- Wyder, P. *see* Ribot, J.H.J.M. 1-42743
- Wyder, P. *see* Saleminik, H.W.M. 1-2797
- Wyder, P. *see* van Gelder, A.P. 1-3048
- Wyder, P. *see* van Kempen, H. 1-47605
- Wyderen, T., Ballou, E.V., Wood, P.C., Spitzle, L.A. Reducing static charges in fluidized-bed reactions 1-39695
- Wyganski, I. *see* Rubin, Y. 1-42017
- Wyk, G.N. *see* van den Wyk, G.N.
- Wyk Kotze, T.J. *see* Van Wyk Kotze, T.J.
- Wyld, H.W. *see* Roomany, H.H. 1-40724
- Wyllie, A. *see* Hejine, E.H.M. 1-28791
- Wyllie, D.P., Ropelewski, C.F. The GATE Boundary Layer Instrumentation System (BLIS) 1-44313
- Wyllie, E.B. *see* Streeter, V.L. 1-37867
- Wyllie, I.G. *see* Koeze, T.H. 1-22109
- Wyllie, T.J. *see* Ballier, L. 1-51636
- Wyllie, T.J. *see* Greenspan, S.B. 1-51618
- Wyllie, T.J. *see* Moore, V.S. 1-41816
- Wyllie, W.R. *see* Wender, S.A. 1-980
- Wyllie, P.J. The origin of kimberlite 1-44180
- Wyllie, P.J. *see* Boettcher, A.L. 1-39321
- Wyman, C., Castle, J., Kreith, F. A review of collector and energy storage technology for intermediate temperature applications 1-8746
- Wyman, J., Gill, S.J. Ligand-linked phase changes in a biological system: Applications to sickle cell hemoglobin 1-39882
- Wyman, R.H. Results of studies performed on the model of the MFTE Supervisory Control and Diagnostics System (SCDS) 1-10532
- Wyn-Jones, E. *see* Causon, D. 1-52237
- Wynblatt, P. *see* Baird, R.J. 1-2822
- Wyndham, J. *see* Jones, H.F. 1-36846
- Wynner, E.F., Keefe, W.M. Phase dependent plasma temperature and electrical conductivity for intermediate pressure sodium arcs 1-42250
- Wynngaard, J.C. *see* Lenschow, D.H. 1-22407
- Wynn, J. *see* Wood, D.S. 1-39369
- Wynn-Williams, C.G. *see* Telesco, C.M. 1-22895
- Wynne, C.G. Field correction of a Ritchey-Chretien telescope at several focal ratios 1-4769
- Wynne-Jones, I. *see* Blades, J.C. 1-27592
- Wyon, G. *see* Perdrix, C. 1-4027
- Wyon, G. *see* Weill, F. 1-16857
- Wyzykowski, J.W. *see* Grabski, M.W. 1-3841
- Wyzykowski, T. *see* Joo, I. 1-54057
- Wysin, G.M., Simon, H.J., Deck, R.T. Optical bistability with surface plasmons 1-37542
- Wyslocki, B. *see* Glowacka, H. 1-39559
- Wysocki, J.A., Colborn, M.N., Alam, S.N., Varner, J.R. Low cycle fatigue behavior of metal-coated silica fibers 1-29393
- Wysocki, J.A. *see* Tangonan, G.L. 1-24502
- Wysoczanski, W. *see* Givinen, R.O. 1-9370
- Wysokinski, K.I., Sobczuk, H., Pilat, M. Electronic structure of thin alloy films 1-16386
- Wysokinski, K.I., Taranko, E., Taranko, R. Optical conductivity of substitutionally disordered alloys: relaxation time concept for intraband transitions 1-35001
- Wyss, M., Baer, M. Seismic quiescence in the Western Hellenic Arc may foreshadow large earthquakes 1-54011
- Wyss, M., Johnston, A.C., Klein, F.W. Multiple asperity model for earthquake prediction 1-40073
- Wyss, M. *see* Wahr, J. 1-27142
- Wyszynski, A.E. Electrodeposition on aluminium alloys 1-21640
- Xans, P. *see* Saint-Guirons, H. 1-2589, 1-38507
- Xanthakis, J., Mavromichalaki, H., Petropoulos, B. Cosmic-ray intensity recorded to solar and terrestrial activity indices in solar cycle no.20 1-54334
- Xanthakis, J., Zerefos, C.A., Sehra, P., Repapis, C., Poulakos, C. Rocket sonde-derived stratospheric temperature changes associated with a major solar cosmic ray event 1-54166
- Xanthopoulos, B.C. Gribov vacua and Einstein space-times 1-32896
- Xi, J.P. *see* Barber, D.P. 1-534
- Xi-chen Chen *see* Chen Xi-chen
- Xi-jun Qiu *see* Qiu Xi-jun
- Xi-jun Sun *see* Sun Xi-jun
- Xi-ming Bao *see* Bao Xi-ming
- Xi-Quan Zhu *see* Zhu Xi-Quan
- Xi-Rong Yang *see* Yang Xi-Rong
- Xi-Te Zheng *see* Zheng Xi-Te
- Xi-xia Liang *see* Liang Xi-xia
- Xi-yi Huang *see* Huang Xi-yi
- Xi-Zhang Feng *see* Feng Xi-Zhang
- Xi-zhen Wu *see* Wu Xi-zhen
- Xi-Zhen Zhang *see* Zhang Xi-Zhen
- Xi-Zhong Shi *see* Shi Xi-Zhong

- Xia Guangxiang, Chen Jiaoyong Studies on the kinetics of Ni dissolution in aqueous ammoniacal solution 1-47237
- Xia Jian-sheng see Cao Xiao-wen 1-3083
- Xia Jianbai, Qiu Xiaoming, Xia Mengfen, Zhou Ruling, Wu, C.S. Generalized lower-hybrid-drift instability 1-19900
- Xia Jiansheng see Cao Xiaowen 1-3088
- Xia Meng-Fen The effects of anomalous dissipation of the dissipative-trapped-particle modes 1-42152
- Xia Meng-Fen, Hu Hui-Ling Kinetic equation in a stochastic magnetic field 1-24935
- Xia Mengfen see Xia Jianbai 1-19900
- Xia Shengjie A device for high-speed framing interferography with pulsed He-Ne laser 1-36729
- Xian Ding-Chang see Wang Ming-Zhong 1-45168
- Xian Dingchang see Zhou Guangzhao 1-23407
- Xian-an Peng see Peng Xian-an
- Xian-de Tang see Tang Xian-de
- Xian-duo Liu see Liu Xian-duo
- Xian-duo Yu see Yu Xian-duo
- Xian-He Fan see Fan Xian-He
- Xian-Jian Zhou see Zhou Xian-Jian
- Xian-quan Dong see Dong Xian-quan
- Xian-xi Dai see Dai Xian-xi
- Xian-ying Su see Su Xian-ying
- Xiang-feng Jin see Jin Xiang-feng
- Xiang-ren Ji see Ji Xiang-ren
- Xiang-sheng Zhang see Zhang Xiang-sheng
- Xiang-tao He see He Xiang-tao
- Xiang-Wen Hua see Hua Xiang-Wen
- Xiangchong Zhong see Zhong Xiangchong
- Xiangdi, L. see Wenxiu, C. 1-13327
- Xiangqun Yang see Yang Xiangqun
- Xiangyuan Zheng see Zheng Xiangyuan
- Xiao Jing-xiao see Zhao Lin 1-51406
- Xiao Kimei see Chu Wuyang 1-39500
- Xiao Ling, Zhang Tong Overtaking of chocks belonging to same family in steady plane super-sonic flow without viscosity 1-46772
- Xiao Nan, Lu Yin-cheng The introduction and development of crystalline slip dislocations in the production of silicon 1-25288
- Xiao Qian-Yi see Chen Ying-Xuan 1-49465
- Xiao Tang see Tang Xiao
- Xiao Ting-Han see Goebel, K. 1-45748
- Xiao Xing-hua see Yang Lan-tian 1-40574
- Xiao Xinghua see Cao Shenglin 1-32770
- Xiao Zhi-Gang see Jiang Bai-Lin 1-25272
- Xiao Zhi-gang see Zhi-gang Xiao
- Xiao Zuo see Wang Wen-ching 1-29918
- Xiao-hua Ma see Ma Xiao-hua
- Xiao-hui Zhou see Zhou Xiao-hui
- Xiao-lin Lei see Lei Xiao-lin
- Xiao-ming Qiu see Qiu Xiao-ming
- Xiao-ping Wu see Wu Xiao-ping
- Xiao-qi Ke see Ke Xiao-qi
- Xiao-shen Chen see Chen Xiao-shen
- Xiao-Tian Chen see Chen Xiao-Tian
- Xiao-Wei Wang see Wang Xiao-Wei
- Xiao-wen Cao see Cao Xiao-wen
- Xiao-ying Tang see Tang Xiao-ying
- Xiao-zhen Xu see Xu Xiao-zhen
- Xiaoming Qiu see Qiu Xiaoming
- Xiaotian Chen see Chen Xiaotian
- Xiaowen Cao see Cao Xiaowen
- Xiaoxia Jiang see Jiang Xiaoxia
- Xiaoyin Hong see Hong Xiaoyin
- Xiaoyuan Li see Li Xiaoyuan
- Xie, X.S. see Tien, J.K. 1-48244
- Xie An-yun see Zhang An-dung 1-20444
- Xie Guang-zhong, Lu Ju-fu The black hole in the nucleus of galaxies 1-9674
- Xie Qu-Bing, Mo Wen-Chuan Multiplicity distributions, dispersion, correlations and KNO scaling 1-45355
- Xie Yi-Cheng see Wu Jing-Yuan 1-45509
- Xie Yingqin see Zeng Qunzhu 1-27233
- Xie Yuan-Xiang see Jin Gen-Ming 1-18664
- Ximen Ji-ye, Chen Wen-xiong On the analysis and calculation of static electro-magnetic multipole fields 1-6443
- Xin Sun see Sun Xin
- Xin Wang Gui see Gui Xin Wang
- Xin-Kang Hu see Hu Xin-Kang
- Xin-ping Liu see Liu Xin-ping
- Xin-Yi Wang see Wang Xin-Yi
- Xing Zhong Li see Post, R.F. 1-51973
- Xing-fang Chen see Chen Xing-fang
- Xing-guo Guan see Guan Xing-guo
- Xing-hong Li see Li Xing-hong
- Xing-hua Xiao see Xiao Xing-hua
- Xing-long Pan see Pan Xing-long
- Xinghua Xiao see Xiao Xinghua
- Xinhuo Chen Du see Du Xinyuan
- Xinhua Chen A DC permeameter for ring specimens 1-36707
- Xinwu Di see Di Xinwu
- Xiong Darun Turbulent convection and pulsational stability of variable stars 1-32714
- Xiquan Zhu see Wong, S.S.M. 1-49498
- Xiu Wang see Wang Xiu
- Xiu-Bin Wei see Wei Xiu-Bin
- Xiu-fang Li see Li Xiu-fang
- Xiu-ying Li see Li Xiu-ying
- Xiu-ying Xu see Xu Xiu-ying
- Xiu-ying Xu see Xu Xiu-ying
- Xu, E. see Li, D. 1-7901
- Xu, J. see Huang, Y. 1-35467
- Xu Cheng-he see Zhou Le-zhu 1-51436
- Xu Chong-gui see Guo Ji-hua 1-336
- Xu De-wei A study of thin film grating coupler 1-19422
- Xu Dian-yan see Liu Liao 1-49709
- Xu Geng see Mo Dang 1-31112
- Xu Gui-Lin see Deng L. Qi-Dong 1-4433
- Xu Ji-an, Wang Yan-yun, Xu Min-hua High pressure equation of state and phase transformation of LiO₂ 1-2610
- Xu Ji-an see Hu Jing-zhu 1-25630
- Xu Jian-jun Hydrodynamic theory of three-dimensional density wave for the spiral structure of galaxies. I. Local solution and discussion of local Jean's stability 1-32755
- Xu Jianjun Tunnel effect on density waves of Galaxies at corotation circle and the switch character of the 'waser' mechanism 1-22900
- Xu Jianjun On approximate analytical solutions of Poisson equation for inner region of a galaxy disk with finite thickness 1-32760
- Xu Jiazheng see Liang Zhide 1-53195
- Xu Jin-kui The total yield and energy spectra of the secondary particles of thermonuclear reactions 1-19913
- Xu Li-hua see Wang Yong-ling 1-26151
- Xu Li-wen, Lei Zi-ming, Zhao Ru-Wen, She Yong-bo Excitation and interaction of multimode lattice vibrations in α -LiF₂ crystal under irradiation of an intense laser 1-52927
- Xu Min-hua see Xu Ji-an 1-2610
- Xu Min-Jian see Ke Fu-Jiu 1-24957
- Xu Ming-zhen see Tan Chang-hua 1-30827
- Xu Pin-xin A method for improving an artificial satellite's orbit with sparse observations 1-40355
- Xu Ping-Mao Analysis of the bulk-absorbing pyroelectric detectors with edge electrodes 1-45005
- Xu Rong-lan, Wan Zhen-fu, Ma Fu-sheng The motion of charged particles in a neutral magnetic field 1-22619
- Xu Ru-sen see Luo Zu-yu 1-32196
- Xu Shao-Xie, Shen Pei-Wen Some features of earthquakes distribution around Peking and crustal buckling 1-9086
- Xu Ting-wei see Feng Yu-guo 1-40807
- Xu Wen-Jun A preliminary study on relationship between convective motions and rotating currents 1-54209
- Xu Xiu-zhen, Jia Wei-yi, Liu Chao-xin Crystal growth of Y₃-Bi₂Fe₂O₁₂ 1-48245
- Xu Xiu-ying, Feng Duan Observation of dislocations and subboundaries in optically active crystal Bi₂GeO₂₀ by means of reflection birefringence topography 1-48026
- Xu Xiu-ying see Ge Chuan-zhen 1-52095
- Xu Zhen-wu see Teng Ji-wen 1-22311
- Xu Zhong-ying see Zhang An-dung 1-20444
- Xu Zhi-wei see Cheng Huan-sheng 1-25544
- Xu Zi-xing see Yin Peng-cheng 1-23406
- Xu Zu-yan, Pan Shao-hua, Deng Dao-qun, Guo Dong-sheng, Li Xiu-fang A new principle for laser tuning—tuning by self-injection 1-46361
- Xu-Xia Yang see Yang Xu-Xia
- Xuan, C.Nguyen see Nguyen Xuan, C.
- Xuan Ho Phan see Phan Xuan Ho
- Xuan Nguyen Phu see Nguyen Phu Xuan
- Xuan Yem Pham Signature F⁺→p⁺ as an unambiguous proof of the annihilation mechanism 1-28313
- Xuan Yem Pham see Gordin, M. 1-18463
- Xue Chuanyun see Chuanyun Xue
- Xue En see Li Yinting 1-32412
- Xue Pei-You see Dong Fang-Xiao 1-45146
- Xue Pei-You see Ma Zhong-Qi 1-45272
- Xue Pei-you see Pei-you Xue
- Xue-Jing Hu see Diegelmann, M. 1-19323
- Xue-shan Lu see Lu Xue-shan
- Xue-wen Song see Song Xue-wen
- Xue-yuan Zhu see Zhu Xue-yuan
- Xue-zong Liu see Liu Xue-zong
- Xuechu Li see Li Xuechu
- Xuepu Zhao see Zhao Xuepu
- Ya-Min Jin see Jin Ya-Min
- Ya-peng Shen see Shen Ya-peng
- Yaakobi, B., Deckman, H., Bourke, P., Letzring, P.B.S., Soares, J.M. X-ray-absorption fine-structure measurement using a laser-compressed target as a source 1-35116
- Yabe, K., Yamashita, T. Quantitative in-depth state analysis by means of X-ray photoelectron spectroscopy and its application to surface layer of SiC coatings 1-26359
- Yabe, K. see Satoh, K. 1-30558
- Yabe, K. see Yamashita, T. 1-25584
- Yabe, T., Mima, K., Yoshikawa, K., Takabe, H. Hot electron transport inhibition and density modification due to electrostatic field 1-42804
- Yabe, T. see Ido, S. 1-50927
- Yabe, T. see Mochizuki, T. 1-10522
- Yablokov, Yu.V. see Petrashev, V.E. 1-3248
- Yablokov, Yu.V. see Usachev, A.E. 1-52535
- Yablonik, L.M. see Moiseeva, N.N. 1-39573
- Yablonovich, E. Thermodynamics of the fluorescent planar concentrator 1-31982
- Yablonovitch, E. Infrared laser chemistry 1-35560
- Yablonovitch, E. see Burak, I. 1-33527
- Yablonovitch, E. see Kolodner, P. 1-25010
- Yablonovitch, E. see Tsao, J.Y. 1-1134
- Yablonskii, I.S., Sankho, K. Resistance to fracture of steel VNS-2USh with different amounts of diffusional mobile hydrogen at low temperatures 1-16887
- Yablonskii, D.A. see Bogdanov, A.N. 1-3215
- Yablonskii, D.A. see Krivoruchko, V.N. 1-47836
- Yablonskii, G.S. see Dadayan, K.A. 1-30545
- Yablonskii, I.S. The relationship of resistance to failure of steel to the degree of hydrogen absorption 1-35372
- Yablonskii, V.V. see Genkin, M.D. 1-37691
- Yabsley, M.A. see Johns, S.R. 1-21062
- Yabunoto, M. see Mohri, M. 1-28698
- Yabushita, S. On some characteristics of the distribution of perihelia of long-period comets 1-44510
- Yabuta, T., Yamashita, K., Kawata, O., Negishi, Y., Kojima, N. Loss increase of graded index multimode jacketed optical fibers at low temperature 1-19465
- Yabuzaki, T., Sato, T., Ogawa, T. Laser-production of NaH crystalline particles 1-8556
- Yabuzaki, T. see Manabe, T. 1-51147
- Yacaman, M.J., Hirth, J.P. Electrostatic charge effects on surface defects in alkali halide crystals 1-3032
- Yacaman, M.J. see Jose Yacaman, M.
- Yachi, T. see Srikawa, T. 1-47400
- Yachida, M., Ikeda, M., Tsuji, S. A plan-guided analysis of cineangiograms for measurement of dynamic behavior of heart wall 1-22113
- Yachida, M. see Fukui, T. 1-53894
- Yachmenev, V.E. see Kolesnikova, E.A. 1-31058
- Yachmenev, V.E. see Koschenko, V.I. 1-11882
- Yackovich, F.H. see Keil, S.L. 1-54445
- Yacobi, B.G. Temperature shift of the emission edge in ZnS and CdS 1-3482
- Yacobi, B.G., Szadkowski, A.J., Zukotynski, S., Corbett, J.M. Compound formation between amorphous silicon and chromium 1-42640
- Yacoubi, N. see Leger, J.M. 1-26740, 1-35201
- Yada, H. see Yamamoto, K. 1-2104
- Yadav, B.R., Shrivastava, R.K. Impulse breakdown in polycrystalline alkali halides films 1-43068
- Yadav, H.L., Castel, B., Toki, H. E2 interference terms in the Coulomb excitations of the Os and Pt nuclei 1-23595
- Yadav, H.L. see Ranga Rao, M.P. 1-29608
- Yadav, H.S. Attenuation of non-uniform shock wave 1-19606
- Yadav, J.S., Gomer, K.L., Singh, V.P., Sharma, A.P. Effect of temperature on fission fragment tracks in soda glass detectors 1-23945
- Yadav, L. see Ram, A. 1-22300
- Yadav, R.B.S. see Singh, T. 1-9889, 1-13889
- Yadav, R.S., Kumar, S. Solar latitudinal distribution of solar flares of different importances around the Sun 1-22756
- Yadava, C.L. see Ahuja, I.S. 1-10717
- Yadava, R.D.S., Ibbi Singh, N., Nigam, A.K. Sponge-like blisters on copper by H⁺ ion implantation at ambient temperatures 1-7216
- Yadava, R.D.S., Singh, N.I., Nigam, A.K. Experimental evidence for stress-induced blister formation 1-7215
- Yadava, R.D.S., Singh, N.I., Nigam, A.K., Singh, V. Proton irradiation effects in Fe₄₀Ni₆₀P₁₄B₆ metallic glass: blistering 1-7214
- Yadigaroglu, G. see Chan, K.C. 1-28544
- Yadigaroglu, G. see Munera, H.A. 1-816
- Yadlowsky, E.J., Hazleton, R.C., Churchill, R.J. Characteristics of edge breakdowns on Teflon samples [electron beam effects] 1-34984
- Yadroskii, E.L. see Razuvaev, V.N. 1-33247
- Yaffe, L.G. see Gross, D.J. 1-40940
- Yaffe, L.G. see Pisarski, R.D. 1-18372
- Yaffe, R.P. see Meyer, R.A. 1-14468
- Yagawa, G. see Aizawa, T. 1-39366
- Yagawa, G. see Horie, T. 1-895
- Yagawa, G. see Masuda, M. 1-28593
- Yager, P., Petricolas, W.L. Statistical mechanical analysis of Raman spectroscopic order parameter changes in pressure-induced lipid bilayer phase transitions 1-8897
- Yager, P. see Abramowicz, H. 1-45378
- Yager, P. see Ko, W. 1-10263
- Yager, W.C. Photographic measurement of droplet density 1-40225
- Yaghjian, A.D. see Tai, C.T. 1-41537
- Yagi, A., Nakai, M. Coulomb scattering in the band tail of n-channel silicon MOSFETs 1-7749
- Yagi, G.M. see Jepsen, P.L. 1-36193
- Yagi, H. see Inoue, M. 1-47880, 1-52831
- Yagi, H. see Misawa, Y. 1-12217
- Yagi, H. see Yamashita, J. 1-13226

- Yagi, H. see Yasuoka, Y. 1-25810
- Yagi, K. Kubo, K., Tanaka, C. Evaluation of creep-fatigue interaction by linear damage rule and appearance of fracture for SUS 304 stainless steel subjected to combined creep-fatigue tests 1-35351
- Yagi, K. see Honjo, G. 1-20532
- Yagi, K. see Morita, E. 1-10050
- Yagi, K. see Osakabe, N. 1-2788, 1-38635
- Yagi, K. see Yamamoto, N. 1-39049
- Yagi, M., Amano, R. Production of ^{18}F by means of photoneutron reactions and preparation of anhydrous H^{18}F 1-14514
- Yagi, M. see Matsuura, M. 1-25981
- Yagi, N., O'Brien, E.J., Matsubara, I. Changes in thick filament structure during contraction of frog striated muscle 1-32090
- Yagi, S., Mizoguchi, K., Sugino, Y. Viscosity of the molten $\text{MnO-TiO}_2\text{-SiO}_2$ system and infrared absorption spectra of its glasses 1-2667
- Yagi, S., Nakayama, K. Acoustic scattering in weakly inhomogeneous dispersive media; theoretical analysis 1-37648
- Yagi, S. see Hikida, T. 1-24180
- Yagi, T., Akimoto, S.-I. Phase boundary and transition rate of orthorhombic-cubic transformation in PbO_2 1-38588
- Yagi, T., Noguchi, A. Propagation of ion-acoustic solitons in a lossy plasma with density gradients 1-11559
- Yagi, T. see Akimoto, S. 1-30384
- Yagi, T. see Cho, M. 1-48097
- Yagi, T. see Ito, H. 1-46890
- Yagi, T. see Miyakawa, K. 1-26222
- Yagi, Y. see Shiba, K. 1-36661
- Yagmur, V. Kh. see Danilov, S.V. 1-1588
- Yagmur, G.P. see Anan'eva, G.V. 1-39232
- Yagoda, H.P. Centrifugally-induced stresses within center-wound rolls. II 1-19572
- Yagodin, V.M. see Tsaturyants, A.B. 1-2600
- Yagodin, V.I. see Tretyakov, V.V. 1-11465
- Yagodin, Yu.D. see Livshits, B.G. 1-16460
- Yagodin, G.N. see Voznesenskii, B.S. 1-27292
- Yagola, G.K. see Cheburkov, D.I. 1-23277
- Yagola, V.V. see Naumovets, V.G. 1-24936
- Yagshygel'diev, A. see Pel', E.G. 1-20661
- Yagubskii, E.B. see Mil'ner, A.P. 1-34327
- Yaguchi, G. see Enomoto, Y. 1-12878
- Yaguchi, H. see Margolin, I. 1-52145
- Yagunov, A.S. see Balykin, A.V. 1-44051
- Yagunova, G.A. see Kvon, Z.D. 1-2984
- Yagura, M. see Kakuda, T. 1-9009
- Yagushkin, N.I. see Bugaev, S.P. 1-1000
- Yagushkin, N.I. see Evdokimov, O.B. 1-52896
- Yahalom, R., Bennet, J. Experimental modeling of an LMFBF pool outlet plenum 1-28543
- Yahalom, R. see Gronau, M. 1-36836
- Yahashi, A. see Sekimoto, H. 1-28695
- Yahata, H. Temporal development of the Taylor vortices in a rotating fluid. III 1-15496
- Yahata, T. see Naito, K. 1-20727
- Yahel, R.Z. Spectra and pulse formation mechanism in X-ray pulsars: application to Her X-1 1-13804
- Yahia, M.El-Mamoun see El-Mamoun Yahia, M.
- Yahil, A., Sandage, A., Tammann, G.A. The velocity field of bright nearby galaxies. III. The distribution in space of galaxies within 80 Megaparsecs: the north galactic density anomaly 1-44622
- Yair, A., Lavee, H., Bryan, R.B., Adar, E. Runoff and erosion processes and rates in the Zin valley badlands, northern Negev, Israel 1-13491
- Yajima, H. see Burns, W.K. 1-6647
- Yajima, H. see Kurita, S. 1-8717
- Yajima, K. Spectral and scattering theory for Schrödinger operators with Stark-effect 1-32868
- Yajima, N., Kokaji, S., Hasino, M. Attitude control of a balloon-borne telescope 1-22680
- Yajima, N. see Kako, F. 1-5116, 1-18053, 1-18051
- Yajima, T., Souma, H., Ishida, Y., Taira, Y. Relaxation study in the extremely short time region by stationary and transient nonlinear optical spectroscopy 1-33769
- Yajima, T. see Ishida, Y. 1-46409
- Yajima, Y. see Mitomo, M. 1-16724
- Yakabe, Y. An equilibrium and kinetic investigation of silver-poly nucleotide complexes 1-17095
- Yakel, H.L. Determination of the cation site-occupation parameter in a cobalt ferrite from synchrotron-radiation diffraction data 1-7146
- Yakhilovich, F.M. see Ivanov, A.G. 1-31976
- Yakhilovich, F.M. see Khodos, M.Ya. 1-53453
- Yakhkind, A.D. see Tataritsyn, B.V. 1-43660
- Yakhnia, E.K. see Chadov, A.V. 1-7425
- Yakhno, V.G. see Kudryashov, A.V. 1-32171
- Yakhontova, V.E. see Bogdanova, I.P. 1-2272
- Yakhov, V. Ultraviolet dynamic renormalization group: small-scale properties of a randomly stirred fluid 1-51732
- Yakhov, V., Levich, E. Nonequilibrium Bose condensation-excitonic molecules in CuCl 1-34631
- Yakibchuk, O.P. see Zyubrik, A.I. 1-53010
- Yakimchenko, O.E., Degtyarev, E.N., Prusakov, V.N., Lebedev, Ya.S. Kinetics of the decomposition of the XeF radical in polycrystalline XeF_2 and XeF_4 matrices 1-39658
- Yakimchuk, V.I. see Dunaitev, A.F. 1-14776
- Yakimenko, I.P. see Usenko, A.F. 1-2141
- Yakimov, A.V. Impurity and defect diffusion and flicker fluctuations in number of carriers in conductive media 1-25780
- Yakimov, Yu.L. see Vil'khovchenko, S.D. 1-51730
- Yakimova, E.E., Bibik, V.F., Bogatikov, B.F., Dadykin, A.A., Chernova, A.I. Results of neutron activation determination of Na In Si 1-21809
- Yakimova, E.E. see Fistul', V.I. 1-20474
- Yakimova, R.T., Yanchev, I.Y. On the transport kinetics of silicon carbide in the silicon-scandium-carbon system 1-35171
- Yakimovich, K.A. see Shpil'rain, E.E. 1-47254
- Yakimovich, V.N. see Smolyarenko, E.M. 1-43692
- Yakimovich, V.P. Multilayer three-dimensional holographic gratings 1-46266
- Yakinthos, J.K., Kotsanidis, P.A., Gamari-Seale, E. Magnetic susceptibility of intermetallic compounds T_2Pd (where T is a rare earth of the second series) 1-30922
- Yakmo, Yu.L., Yeroshin, V.A., Romanenko, N.I. Modeling of the motion of a body in water, with allowance for compressibility of the water 1-29756
- Yakobchuk, L.M. see P'yanykh, E.G. 1-31400
- Yakobson, N.N. see Aleksandrov, E.B. 1-33413
- Yakou, T. see Hasegawa, T. 1-16851
- Yakovchik, V.A. see Pan'ko, I.N. 1-1895
- Yakovenko, A.G. see Fistul', V.I. 1-25371
- Yakovenko, A.G. see Pel', E.G. 1-20661
- Yakovenko, N.S. Basic program for an aerodynamic data processing complex 1-40882
- Yakovenko, V.M. see Beletskii, N.N. 1-42807
- Yakovenko, V.M. see Oleinik, I.N. 1-25752, 1-42847
- Yakovets, A.F. Effect of phase velocity dispersion on the coherence of records of wave disturbances made at spaced points 1-22604
- Yakovlev, Yu.P. see Dedegkaev, T.T. 1-52455
- Yakovlenko, S.I. see Derzhiev, V.I. 1-42135
- Yakovlenko, S.I. see Lakoba, I.S. 1-1553
- Yakovlev, A.A., Sologub, Z.A. Recognition of natural formations from incomplete spectra [cloud and snow] 1-27313
- Yakovlev, A.G. see Sorokina, R.A. 1-28093
- Yakovlev, A.S. see Makovskii, Yu.E. 1-1018
- Yakovlev, A.V. see Alekseev, E.P. 1-27275
- Yakovlev, D.G., Urpin, V.A. Thermal and electrical conductivity in white dwarfs and neutron stars 1-44548
- Yakovlev, D.G. see Pavlov, G.G. 1-22673
- Yakovlev, D.G. see Urpin, V.A. 1-22827
- Yakovlev, D.V. see Kovrighin, A.I. 1-19392
- Yakovlev, E.N., Vinogradov, B.V., Stepanov, G.N., Timofeev, Yu.A. Megabar pressures, dielectric-to-metals transitions and superconductivity of new metals 1-30635
- Yakovlev, E.N. see Stepanov, G.N. 1-34823, 1-42882
- Yakovlev, I.A. see Obukhov, G.G. 1-44109
- Yakovlev, I.A. see Shustin, O.A. 1-48025
- Yakovlev, I.I. see Velichkina, T.S. 1-5060
- Yakovlev, I.I. see Artamonov, O.M. 1-35102
- Yakovlev, K.I. see Karpinos, D.M. 1-21342
- Yakovlev, M.A., Smirnova, V.D., Yakovlev, V.M. Change in the thermoelastic EMF of cobalt after annealing at the $\alpha\rightarrow\beta$ transformation temperature 1-42748
- Yakovlev, S.A., Nemyazhskaya, I.A. Method of monitoring vacuum UV transmission of flat plates 1-29416
- Yakovlev, S.G. see Ryabov, Yu.A. 1-27329
- Yakovlev, S.V. see Bodunov, E.N. 1-31183
- Yakovlev, V.A. see Elishev, P.G. 1-5273
- Yakovlev, V.A. see Kaufman, S.A. 1-5270
- Yakovlev, V.A. see Kotyuk, A.F. 1-6566
- Yakovlev, V.A. see Nevskii, L.B. 1-38033
- Yakovlev, V.A. see Zagorskii, Ya.T. 1-5271
- Yakovlev, V.A. see Zhizhin, G.N. 1-26155
- Yakovlev, V.E. see Tyutikov, A.M. 1-43229
- Yakovlev, V.I. Theory of an inductive free-field MHD propulsor 1-2099
- Yakovlev, V.I. see Barikhin, B.A. 1-1592
- Yakovlev, V.I. see Gorbatsuk, M.F. 1-19241
- Yakovlev, V.I. see Khonichev, V.I. 1-46820
- Yakovlev, V.M. see Yakovlev, M.A. 1-42748
- Yakovlev, V.N. see Guzhnevskaya, A.V. 1-4352
- Yakovlev, V.P. see Andreyev, V.M. 1-21371
- Yakovlev, V.V. see Shchepinov, V.P. 1-41991
- Yakovlev, Yu.M. see Vlasov, K.B. 1-25746
- Yakovlev, Yu.P. see Bessolov, V.N. 1-42855
- Yakovleva, D.S., Kosolapova, T.Ya. Determination of impurities in aluminum nitride 1-8258
- Yakovleva, E.F. see Kopernikova, V.N. 1-16783
- Yakovleva, I.I. see Buzhinskii, I.M. 1-19556
- Yakovleva, N.N. see Lel'chuk, V.I. 1-33291
- Yakovleva, T.V. see Chernyak, G.Ya. 1-27274
- Yakovleva, T.V. see Zel'dovich, B.Ya. 1-1647, 1-33778
- Yakubov, I.T. see Polishchuk, A.Ya. 1-14973, 1-46843
- Yakubovich, E.A. see Broka, M.E. 1-48340
- Yakubovich, S.D. see Malakhova, V.I. 1-33685
- Yakunin, M.V. see Tsidil'kovskii, I.M. 1-2991
- Yakunin, V.G. see Ershov, A.S. 1-46372
- Yakupov, R.G. Effect of the shock wave on a plate 1-41981
- Yakusheva, N.A. see Litvin, A.A. 1-43280
- Yakushi, K. see Cao, Y. 1-3411, 1-3415
- Yakushin, B.F., Misyurov, A.I. Increasing the cracking resistance of welded joints in the welding of a medium-alloy steel with the electro-magnetic effect 1-34409
- Yakushin, V.L. see Kalin, B.A. 1-16962
- Yakushina, G.V. see Il'ina, V.P. 1-43378
- Yakushka, V.P. see Peras, A.Ya. 1-20308
- Yakushkin, E.D., Baranov, A.I., Shuvalov, L.A. Critical anomalies of the sound velocity and absorption in quasi-one-dimensional ferroelectric CsH_2PO_4 1-42474
- Yakushkin, I.G. Quasigeometrical-optics approximation for intensity fluctuations of a light wave in a randomly inhomogeneous medium 1-37414
- Yakushkin, V.N. see Mironenko, A.V. 1-5295
- Yalamov, Yu.I., Muradyan, S.M. Trajectories and capture coefficients for aerosol particles in circular-arc channels 1-24870
- Yalamov, Yu.I., Silin, N.A., Sidorov, A.I., Shchukin, E.R., Barinova, M.F. Evaporation of drops of refractory materials in an electromagnetic radiation field 1-25535
- Yalamov, Yu.I. see Agvanyan, Yu.M. 1-11892
- Yalamov, Yu.I. see Pasternak, V.E. 1-11399
- Yalamov, Yu.I. see Poddoskin, A.B. 1-24915
- Yalcin, S. see Sahin, S. 1-760
- Yale, C. see Fairchild, M.D. 1-17377
- Yal'eliev, R.M. Effect of the rotation and the symmetry of molecules on the intermolecular contribution of the spin magnetic relaxation rates in liquids 1-34920
- Yallop, B.D., Hohenkerk, C.Y. Distribution of sunspots 1874-1976 1-36253
- Yalovets, A.P. see Didenko, A.N. 1-28834
- Yalovets, T.N. see Azyanov, S.E. 1-31332
- Yalovets, T.N. see Borodin, V.A. 1-31339
- Yalovets, T.N. see Tatarchenko, V.A. 1-2361
- Yaltanskii, S.P. see Yurchenko, N.P. 1-3064
- Yam, K. see Jayaraman, K. 1-46608
- Yam, Z. Bar see Bar Yam, Z.
- Yamabe, K., Miura, Y. Discharge of trapped electrons from MOS structures 1-42861
- Yamabe, S., Minato, T., Osamura, Y. Theoretical study of photochemical reactions: electron assignment and the state correlation diagram 1-1291
- Yamabe, S. see Ikegami, H. 1-10583
- Yamabe, S. see Osamura, Y. 1-1073, 1-1121
- Yamada, A. see Tanno, T. 1-39652
- Yamada, C. see Matsumura, K. 1-37194
- Yamada, C. see Nagai, K. 1-36637
- Yamada, E. see Takasaki, Y. 1-52472
- Yamada, G. see Irie, T. 1-1868, 1-6818, 1-29606
- Yamada, G. see Ramaiah, G.K. 1-6822
- Yamada, H., Fujimura, T. NMR of Li^+ in ferroelectric RbLiSO_4 1-7971
- Yamada, H., Miyata, Y., Kinugasa, T. High-pressure high-resolution nuclear magnetic resonance. Effect of increased pressure on the proton chemical shift of biphenyl 1-14920
- Yamada, H., Saheki, M. Infrared spectra of hexamethylbenzene-tetracyanoethylene complexes at high pressures 1-48089
- Yamada, H., Yamamoto, Y. Illumination of flat or unstable samples for Raman measurements using optical fibres 1-33059
- Yamada, H., Yamamoto, Y. Surface enhanced Raman spectra of pyridine adsorbed on silver, gold, nickel and platinum metals 1-43104
- Yamada, H. see Chikaura, Y. 1-2629
- Yamada, H. see Mizoshiri, I. 1-22087
- Yamada, H. see Yasui, M. 1-16430
- Yamada, I. Cross spectral method for the estimation of ground-reflection characteristics and free-field spectrum of noise 1-37652
- Yamada, I., Marton, D., Saris, F.W. Residual damage to an atomically cleaned low-temperature-annealed Si (100) surface 1-7213
- Yamada, I. see Okuda, Y. 1-7832, 1-34865
- Yamada, I. see Tanaka, K. 1-49105
- Yamada, J., Kobayashi, S., Machida, S., Kimura, T. Improvement in intensity fluctuation noise of a 1 Gbit/s-modulated InGaAsP laser by a light injection technique 1-19337
- Yamada, J. see Kobayashi, S. 1-1603
- Yamada, J.I., Murakami, Y., Sakai, J.-I., Kimura, T. Characteristics of a hemispherical microlens for coupling between a semiconductor laser and single-mode fiber 1-15275
- Yamada, K. Semileptonic decay of charmed particles and weak form factors 1-10196
- Yamada, K. K^* -dominance of the K_{e3} form factor and Sirin's relation 1-18471
- Yamada, K., Fukuda, Y., Hashi, T. Time development of the population grating in Zeeman sublevels in sodium vapor—detection of Zeeman quantum beats 1-46017
- Yamada, K., Takami, M. High-resolution infrared spectrum of hydrazoic acid: the ν_1 fundamental by a tunable diode laser 1-51201

- Yamada, K., Winnewisser, G. Diode laser spectrum of HCCN near 5 μ m. The hot band 1-41382
- Yamada, K. see Fujimura, T. 1-8266
- Yamada, K. see Hashimoto, Y. 1-45704
- Yamada, K. see Izuchi, M. 1-31319
- Yamada, K. see Kanekiyo, T. 1-26759
- Yamada, K. see Kuno, T. 1-8409
- Yamada, K. see Omura, I. 1-39299
- Yamada, K. see Takahara, A. 1-13266
- Yamada, K. see Taratani, Y. 1-47816
- Yamada, M., Furth, H.P., Hsu, W., Janos, A., Jardin, S., Okabayashi, M., Sillis, J., Stix, T.H., Yamazaki, K. Quasistatic formation of the spheromak plasma configuration 1-46916
- Yamada, M., Kotani, H., Yamazaki, K., Yamamoto, K., Abe, K. Time-resolved conductivity and reflectivity during laser annealing of semiconductors 1-52563
- Yamada, M., Mikukami, T. An analysis of direct modulation in undoped injection laser with consideration of inhomogeneous-gain-broadening 1-33692
- Yamada, M., Niwa, N., Uchiyama, A. Multifunctional hand prosthesis control methods using EMG signals 1-13352
- Yamada, M. see Furuta, O. 1-44238
- Yamada, M. see Tamaki, A. 1-49394
- Yamada, N., Doi, K., Bessho, Y., Kiguchi, T. Evaluation of power distribution change during BWR load-following operation 1-45700
- Yamada, O., Pauthenet, R., Picoche, J.-C. The metamagnetism superimposed on ferromagnetism in the Invar Fe-Ni alloy 1-52773
- Yamada, R., Nakamura, K., Sone, K., Saidoh, M. Measurement of chemical sputtering yields of various types of carbon 1-26343
- Yamada, R. see Kuznetsov, A.A. 1-36883
- Yamada, R. see Saidoh, M. 1-42435
- Yamada, S., Nishimura, M., Sumita, K. Reactivity effects and flux perturbations due to spatial random dispersal in the number densities of core materials 1-33282
- Yamada, S. see Bartel, W. 1-18500, 1-45253, 1-45254
- Yamada, S. see Eiho, S. 1-26986
- Yamada, S. see Matsumoto, Y. 1-31867
- Yamada, S. see Mizoguchi, T. 1-30085
- Yamada, S. see Nakamura, A. 1-35105
- Yamada, S. see O'Neill, L.H., Jr. 1-50443
- Yamada, T., Graham, R. Chaos in a laser system under a modulated external field 1-6536
- Yamada, T., Nishimura, H., Suizu, S., Wakahama, G. Distribution of water equivalent of snow in Mt. Daisetsu, Hokkaido 1-9187
- Yamada, T., Ohya, H. Changes in surface morphology of rat thymocytes accompanying interphase death 1-26948
- Yamada, T. see Hatanaka, K. 1-26536
- Yamada, T. see Hayashi, S. 1-48184
- Yamada, T. see Ishida, M. 1-33955
- Yamada, T. see Ohara, E. 1-26847
- Yamada, T. see Sakamoto, M. 1-25358
- Yamada, Y. Molecular polarons and valence fluctuations in Fe₂O₃ 1-12046
- Yamada, Y. Model pseudopotentials of some noble and transition metal atoms 1-30625
- Yamada, Y. see Hori, Y. 1-23193
- Yamada, Y. see Imai, T. 1-51070
- Yamada, Y. see Muraoka, T. 1-37742
- Yamada, Y. see Okabe, T. 1-28040
- Yamada, Y. see Yokoyama, M. 1-19976
- Yamaderra, A., Ishii, K., Sera, K., Sebata, M., Morita, S. Quasifree-electron bremsstrahlung induced by the projectile field 1-26349
- Yamaderra, A. see Sera, K. 1-24265
- Yamafuji, K. see Katoh, Y. 1-47793
- Yamafuji, K. see Matsushita, T. 1-38884
- Yamafuji, K. see Noda, M. 1-42897
- Yamaga, M. see Hayes, W. 1-26079, 1-34937
- Yamaga, S. see Yoshikawa, A. 1-8720, 1-26834
- Yamagami, T. see Hayakawa, S. 1-22923
- Yamagami, T. see Nishimura, J. 1-22505
- Yamagata, H. Temperature dependence of ⁵⁵Mn NMR frequency on various environments in dilute NiMn alloys 1-47971
- Yamagata, K., Kozuka, Y., Morita, T. Magnetization process of nearly 2-dimensional Cu(HCOO)₂·4H₂O and Cu(HCOO)₂·2(NH₃)₂·CO₂·2H₂O. II. Estimation of magnetic parameters 1-52802
- Yamagata, K., Sakai, T. Magnetization process of nearly 2-dimensional Cu(HCOO)₂·4H₂O and Cu(HCOO)₂·2(NH₃)₂·CO₂·2H₂O. I. Mechanism of the field-induced transition 1-34908
- Yamagata, T. On the nonlinear modulation of planetary topographic waves in a rotating stratified ocean 1-54104
- Yamagata, T., Kishimoto, S., Yuasa, K., Iwamoto, K., Sacki, B., Tanaka, M., Fukuda, T., Miura, I., Inoue, M., Ogata, H. High energy component of giant octupole resonance in medium and heavy mass nuclei 1-45484
- Yamagata, T. see Fukunaga, C. 1-5655
- Yamagata, T. see Okada, K. 1-18539
- Yamagishi, A., Furukawa, Y., Izawa, S., Inaba, H., Taguchi, Y., Kunori, T., Tanimura, S., Tan, M., Kasai, M. Research and construction of automated biological cell sorting system by means of laser light scattering method 1-26976
- Yamagishi, A. see Muto, S. 1-19332
- Yamagishi, A. see Suzuki, T. 1-24426
- Yamagishi, C., Moritani, A., Nakai, J. Effect of CW-laser irradiation on interface properties of anodized GaAs-MOS 1-25805
- Yamagishi, C., Moritani, A., Nakai, J. Observation of anodic film growth of Bi₂Te₃ by in situ photoacoustic technique 1-26642
- Yamagishi, K. see Moriya, T. 1-23097
- Yamagiwa, A.T. see Veenhuizen, S.D. 1-53542
- Yamaguchi, A. Sintering of Cr₂O₃ in carbon powder 1-21381
- Yamaguchi, A. see Hanlon, J. 1-18464
- Yamaguchi, A. see Kitagaki, T. 1-18467
- Yamaguchi, C. Integrating radiation dosimeter for the range 10²-10⁹ rad, using polyimide and a Pirani vacuum gauge 1-6115
- Yamaguchi, H., Koshiro, A., Harima, Y., Mori, K., Yoneda, F. Magnetic circular dichroism and fluorescence spectra of 5-deazaflavins 1-46005
- Yamaguchi, H., Ninomiya, K., Fukuda, M., Muraoka, T. Magnetic circular dichroism and anomalous fluorescence spectra of benz[a]azulene and naphth[2,1-a]azulene 1-14956
- Yamaguchi, H., Ninomiya, K., Ogata, M. A study of the electronic spectra of 9-fluorenone 1-10747
- Yamaguchi, H. see Higashi, Y. 1-23919
- Yamaguchi, H. see LEE, S.M. 1-36975
- Yamaguchi, H. see Tano, S. 1-53829
- Yamaguchi, H. see Okada, S. (editor) 1-44717
- Yamaguchi, K., Kanazawa, K. Crack propagation rates of SUS 321 stainless steel under high temperature low-cycle fatigue conditions 1-8434
- Yamaguchi, K., Kanazawa, K. Influence of grain size on the low-cycle fatigue lives of austenitic stainless steels at high temperatures 1-16878
- Yamaguchi, K., Kanazawa, K. Effect of strain wave shape on temperature fatigue life of a type 316 steel and application of the strain range partitioning method 1-43495
- Yamaguchi, K., Uchishiba, H., Suzuki, T. Small bubble garnet films with collapse field temperature coefficients ranging from -0.3 to about 0%/°C 1-7906
- Yamaguchi, K. see Asano, S. 1-31540
- Yamaguchi, K. see Endoh, S. 1-53486
- Yamaguchi, K. see Goto, T. 1-105
- Yamaguchi, K. see Kanazawa, K. 1-8436
- Yamaguchi, K. see Mada, J. 1-16466
- Yamaguchi, K. see Uchishiba, H. 1-42987
- Yamaguchi, K. see Yamazaki, Y. 1-738
- Yamaguchi, M. Thermoelectric power of vacuum-evaporated silver films 1-47617
- Yamaguchi, M., Ando, K. Thermal oxidation of InP and properties of oxide film 1-7740
- Yamaguchi, M., Sasaki, S., Ohta, T. Nuclear magnetic resonance studies of ferromagnetic hydrides based on rare earth-cobalt intermetallics: the effect of hydrogen on spectra of the hyperfine field at ⁵⁹Co nuclei in GdCo₅H₂ and YCo₅H₂ 1-3292
- Yamaguchi, M., Umakoshi, Y. Deformation of single crystals of the L2₁ ordered Ag₃MgZn 1-8375
- Yamaguchi, M. see Ando, K. 1-43157, 1-52985
- Yamaguchi, M. see Kobayashi, H. 1-2821
- Yamaguchi, N. see Fujimoto, T. 1-46859
- Yamaguchi, N. see Kohmoto, O. 1-3230
- Yamaguchi, O., Tominaga, K., Shimizu, K. Formation and transformation of alkoxy-derived BaB₂O₄ 1-48309
- Yamaguchi, S., Hirano, K. A measurement of deuterium neutral by the Balmer-series in the STP-2 high beta screw pinch Tokamak 1-15653
- Yamaguchi, S., Tsuchiya, T. Surface properties of dental alloys 1-48579
- Yamaguchi, S. see Ikuta, A. 1-21955
- Yamaguchi, S. see Nagata, A. 1-11590, 1-42194
- Yamaguchi, S. see Ohiwa, N. 1-39638
- Yamaguchi, S. see Ohta, M. 1-1771
- Yamaguchi, S. see Takahashi, J. 1-12602
- Yamaguchi, T., Yoshikawa, T., Kikkawa, S., Sugawara, M. Turbulence intensity measured in the centre of canine ascending aorta with a hot-film anemometer 1-39958
- Yamaguchi, T. see Iwanaga, H. 1-3584, 1-53066
- Yamaguchi, T. see Nishimatsu, Y. 1-35320
- Yamaguchi, T. see Nomura, T. 1-3673
- Yamaguchi, T. see Okamoto, H. 1-53614
- Yamaguchi, T. see Sawada, S. 1-8013
- Yamaguchi, T. see Shiba, K. 1-15560
- Yamaguchi, T. see Shinozaki, K. 1-48188
- Yamaguchi, T. see Yoshiie, T. 1-52097
- Yamaguchi, T. see Yoshikawa, T. 1-13306
- Yamaguchi, Y., Hirano, M. Biexciton decay and multimagnon sideband in emission spectra of CsMnF₃ 1-30646
- Yamaguchi, Y., Schaefer, H.F., III A systematic theoretical study of harmonic vibrational frequencies: the ammonium ion NH₄⁺ and other simple molecules 1-1063
- Yamaguchi, Y. see Gray, S.K. 1-8554
- Yamaguchi, Y. see Kasai, N. 1-46954
- Yamaguchi, Y. see Onuki, H. 1-43240
- Yamai, I. see Oota, T. 1-43256
- Yamai, I. see Saito, H. 1-20598, 1-25600
- Yamaji, S. see Amakawa, H. 1-41118
- Yamakawa, H. see Shimada, J. 1-15047
- Yamakawa, K., Minamoto, Y., Matsumoto, K., Yonezawa, S., Yoshizawa, S. Hydrogen absorbability of SCM steels and its effect on cracking behavior 1-43480
- Yamakawa, K. see Hamada, T. 1-47776
- Yamakawa, K.A. see Chih-Tang Sah 1-53611
- Yamakawa, T. see Huke, K. 1-23895
- Yamakawa, T. see Katayama, Y. 1-18932
- Yamakawa, Y. see Miyamoto, T. 1-36078
- Yamaki, N., Kodama, S. Perturbation analyses for the postbuckling and imperfection sensitivity of circular cylindrical shells under torsion 1-6806
- Yamaki, N., Mori, A. Non-linear vibrations of a clamped beam with initial deflection and initial axial displacement. I. Theory 1-11338
- Yamaki, N., Otomo, K., Mori, A. Non-linear vibrations of a clamped beam with initial deflection and initial axial displacement. II. Experiment 1-11339
- Yamakita, J., Rokushima, K. Scattering losses caused by irregular boundary interfaces and refractive index fluctuations in a thin-film waveguide 1-6653
- Yamakoshi, H., Iijima, S. Neutron total cross section for iron around resonance valley near 24 keV 1-18720
- Yamakoshi, H. see Iijima, S. 1-18708
- Yamakoshi, K. Sources of cosmic dust 1-22747
- Yamakoshi, K., Yanagita, S. Cosmic-ray-produced ³⁹Ni in marine sediments 1-54430
- Yamakoshi, K. see Yanokura, M. 1-51058
- Yamakoshi, S. see Ueda, O. 1-21256
- Yamamoto, A., Imura, T., Saka, H. In-situ study on the fatigue process of metals by HVEM 1-3899
- Yamamoto, A. see Ando, K. 1-43157, 1-52985
- Yamamoto, A. see Sawada, S. 1-8013
- Yamamoto, A. see Shibata, T.A. 1-37040
- Yamamoto, F. see Naito, N. 1-740
- Yamamoto, H., Ikeda, Y., Kawade, K., Katoh, T., Nagahara, T. Decay properties of ¹⁴⁵Ce and ¹⁴⁶Ce 1-28410
- Yamamoto, H., Iwasawa, H., Sasaki, A. Discharging process by multiple tunnelings in MNOS structures 1-38790
- Yamamoto, H., Misaki, T., Yumoto, Y., Kuwahara, M. Radioisotope image processing using digital filters based on the H₂ fast handarm transform (FHT) 1-53883
- Yamamoto, H., Yamashita, Y. Commensurate-incommensurate transition in sine-Gordon fields 1-40745
- Yamamoto, H. see Inakazu, N. 1-31537
- Yamamoto, H. see Itoh, A. 1-23276
- Yamamoto, H. see Kato, K. 1-503
- Yamamoto, H. see Kato, N. 1-5452
- Yamamoto, H. see Kikuchi, A. 1-7707
- Yamamoto, H. see Nomoto, S. 1-23731
- Yamamoto, H. see Senda, O. 1-238
- Yamamoto, I. Pneumatic micrometer circuit with positive feedback system 1-44886
- Yamamoto, I., Iio, K., Nagata, K. Accurate measurements and determination of the magnetic anisotropies of several manganese crystals 1-25865
- Yamamoto, J. Performance of gas-filled thermal switches [for superconducting magnets] 1-44934
- Yamamoto, J., Takahashi, A., Ebisuya, M., Sumita, K. Measurements and calculations of angular flux spectra emitted from lithium and graphite slabs with D-T neutron source 1-892
- Yamamoto, J. see Murakami, Y. 1-53701
- Yamamoto, K. Supercooling of the coexistent state of ice VII and water within ice VI region observed in diamond-anvil pressure cells 1-11847
- Yamamoto, K. Liquid figures of high-pressure ice VI 1-20361
- Yamamoto, K., Hara, J., Hirose, K. Free molecular flow through a long circular tube 1-6876
- Yamamoto, K., Hosokawa, I. A numerical study of inviscid helical turbulence 1-37878
- Yamamoto, K., Koumi, N. Corrosion of 25 Cr-20 Ni-Nb used in nuclear plant handling nitric acid 1-48584
- Yamamoto, K., Kumata, K., Namikawa, H. Dark current and dielectric relaxation of CdO:SiO₂:Na₂O photochromic glass in faded state 1-26120
- Yamamoto, K., Narumi, H. Quantum scattering theory of the complex level shift of spectral lines in plasmas 1-6928
- Yamamoto, K., Sugimoto, M. Axial concentration distribution of binary solid mixtures during segregation process in a horizontal rotating conical vessel 1-34480

- Yamamoto, K., Yada, H., Kohno, M., Nakagawa, Y., Yamamoto, T., Ohkawara, G. Fuji ultrasonic flowmeter series 1-2104
- Yamamoto, K. *see* Aoki, K. 1-16290, 1-20752, 1-52602
- Yamamoto, K. *see* Arai, T. 1-47440
- Yamamoto, K. *see* Minamisawa, T. 1-32194
- Yamamoto, K. *see* Nakagawa, K. 1-3897
- Yamamoto, K. *see* Nomoto, A. 1-29816
- Yamamoto, K. *see* Umemura, I. 1-476, 1-50367
- Yamamoto, K. *see* Yamada, M. 1-52563
- Yamamoto, M. *see* Araki, M. 1-42089
- Yamamoto, M. *see* Funakoshi, Y. 1-43293
- Yamamoto, M. *see* Hatanu, Y. 1-33486
- Yamamoto, M. *see* Kingetsu, T. 1-21514, 1-47342
- Yamamoto, M. *see* Sasaki, T. 1-26954
- Yamamoto, N., Yagi, K., Honjo, G. Electron microscopic studies of ferroelectric and ferroelastic $Gd_2(MoO_4)_3$. IV. Polarization reversal and field induced phase transformation 1-39049
- Yamamoto, N. *see* Masse, G. 1-8138
- Yamamoto, N. *see* Matsuki, T. 1-23427
- Yamamoto, N. *see* Tsubomura, H. 1-52968
- Yamamoto, O. *see* Hayamizu, K. 1-14923, 1-26046
- Yamamoto, O. *see* Matsumoto, T. 1-1902
- Yamamoto, O. *see* Takenaga, M. 1-959
- Yamamoto, O. *see* Yasuno, Y. 1-35888
- Yamamoto, R., Mihara, T., Haga, K., Doyama, M. The frequency distribution functions of the crystalline, amorphous and liquid iron 1-15832
- Yamamoto, S. Localized corrosion damage and its treatment 1-53342
- Yamamoto, S., Saika, A. Application of multiconfigurational many-body perturbation theory to the calculation of ionization potentials, electron affinities and excitation energies 1-51135
- Yamamoto, S. *see* Futamoto, M. 1-39226
- Yamamoto, S. *see* Iizuka, S. 1-6996
- Yamamoto, S. *see* Maeno, M. 1-29912
- Yamamoto, S. *see* Nishibata, K. 1-18243, 1-23257
- Yamamoto, S. *see* Odajima, K. 1-11573
- Yamamoto, S. *see* Saitou, N. 1-16668
- Yamamoto, S. *see* Sengoku, S. 1-24988
- Yamamoto, T., Takashima, T., Nishida, K. Interdiffusion in the β -solid solution of a Ni-Al system 1-7398
- Yamamoto, T. *see* Akashi, K. 1-1533
- Yamamoto, T. *see* Fujiki, O. 1-1752
- Yamamoto, T. *see* Goto, M. 1-18930
- Yamamoto, T. *see* Maeno, M. 1-29912
- Yamamoto, T. *see* Matsuzaki, Y. 1-2226
- Yamamoto, T. *see* Ozaki, Y. 1-7322, 1-24107, 1-52276
- Yamamoto, T. *see* Sakamoto, Y. 1-29922, 1-29941
- Yamamoto, T. *see* Seki, J. 1-9623
- Yamamoto, T. *see* Shimada, M. 1-11539
- Yamamoto, T. *see* Suzuki, N. 1-25039
- Yamamoto, T. *see* Uehara, K. 1-38086
- Yamamoto, T. *see* Yamamoto, K. 1-2104
- Yamamoto, Y. Characteristics of AlGaAs Fabry-Perot cavity type laser amplifiers 1-15171
- Yamamoto, Y. Noise and error rate performance of semiconductor laser amplifiers in PCM-IM optical transmission systems 1-15283
- Yamamoto, Y. The Ritz procedure and its extension in finite element analysis 1-23000
- Yamamoto, Y., Baba, N., Tajima, S. Coloured materials and photoluminescence centres in anodic film on aluminium 1-43164
- Yamamoto, Y., Hirano, F. Effect of different phosphate esters on frictional characteristics 1-26633
- Yamamoto, Y., Hirano, F. Relation between scuffing resistance and the increase in surface hardness during tests under conditions of rolling/sliding 1-39474
- Yamamoto, Y. *see* Hayashi, K. 1-41865, 1-53448
- Yamamoto, Y. *see* Kanki, T. 1-2034
- Yamamoto, Y. *see* Mukai, T. 1-33682
- Yamamoto, Y. *see* Munakata, H. 1-22655
- Yamamoto, Y. *see* Ohashi, Y. 1-7442
- Yamamoto, Y. *see* Shimizu, Y. 1-20536, 1-34563
- Yamamoto, Y. *see* Terashita, K. 1-35295
- Yamamoto, Y. *see* Ueda, K. 1-17139
- Yamamoto, Y. *see* Yamada, H. 1-33059, 1-43104
- Yamamura, H. *see* Shirasaki, S. 1-25494
- Yamamura, M. A simple example of the exactly soluble Hamiltonian with coordinate-dependent mass in the semi-classical theory 1-107
- Yamamura, M. A description of the rotor as an example of Hamiltonian with coordinate-dependent mass. Semi-classical theory 1-108
- Yamamura, M. *see* Nishiyama, S. 1-5226, 1-18585
- Yamamura, T. *see* Ejima, T. 1-25477
- Yamamura, Y. Applications of Padé approximation to range calculations 1-52198
- Yamamura, Y., Takeuchi, W. Ion focusing effects on total reflection coefficient near the semichannel direction 1-52195
- Yamamuro, N. *see* Kobayashi, T. 1-771
- Yamamuro, N. *see* Sekimoto, H. 1-28695
- Yamanaka, A., Kasahara, M., Tatsuzaki, I. Scattering angle dependence of Brillouin shift near the normal-incommensurate phase transition point of Rb_2ZnCl_4 1-52961
- Yamanaka, C. Progress of inertial confinement fusion research in Japan 1-890
- Yamanaka, C. Inertial confinement 1-6993
- Yamanaka, C. High-power neodymium glass laser systems for fusion research 1-15190
- Yamanaka, C. *see* Azechi, H. 1-38142
- Yamanaka, C. *see* Daido, H. 1-11033
- Yamanaka, C. *see* Fujiwara, E. 1-41668
- Yamanaka, C. *see* Ido, S. 1-50927
- Yamanaka, C. *see* Imasaki, K. 1-6982
- Yamanaka, C. *see* Kato, Y. 1-46367
- Yamanaka, C. *see* Miyamoto, S. 1-10564
- Yamanaka, C. *see* Mochizuki, T. 1-10522
- Yamanaka, C. *see* Niki, H. 1-24142
- Yamanaka, C. *see* Sakabe, S. 1-11598
- Yamanaka, C. *see* Shiraga, H. 1-15630
- Yamanaka, M. Submillimeter-wave lasers and their applications 1-33645
- Yamanaka, M., Takeda, Y., Tanigawa, S., Nishizawa, A., Noda, N., Fujita, J., Takai, M., Shimobayashi, M., Hayashi, Y., Koizumi, T., Nagasaka, K., Okajima, S., Tsunawaki, Y., Nagashima, A. A twin optically-pumped far-infrared CH_3OH laser for the large Tokamak plasma diagnostics 1-19970
- Yamanaka, S. *see* Kikkawa, S. 1-7677
- Yamanaka, S. *see* Naoc, M. 1-8226, 1-12658
- Yamanaka, T. *see* Azechi, H. 1-38142
- Yamanaka, T. *see* Sakabe, S. 1-11598
- Yamane, I. *see* Tano, S. 1-53829
- Yamane, M., Nakao, Y., Okuyama, M. Effects of the addition of various oxides on the phase separation in the glass containing high level radioactive waste 1-14672
- Yamane, M. *see* Kim, B.-H. 1-21234
- Yamane, M. *see* Watanabe, Y. 1-42227
- Yamane, T., Okamoto, H., Takahashi, J. Aging of Cu-Mn-Al Heusler alloys 1-31511
- Yamane, T. *see* Kiyoshige, M. 1-16802
- Yamane, T. *see* Sekimoto, H. 1-28695
- Yamane, T. *see* Takahashi, Y. 1-8398
- Yamane, Y., Tanaka, K., Nishina, K., Tamagawa, H., Shiroya, T. The determination of coupled-core-reactor kinetic parameters through frequency response 1-10448
- Yamanishi, J., Yagi, H., Yanase, T. Simulation of the electrical field problems in the human body by the finite element method 1-13226
- Yamanishi, M., Suemune, H., Kohno, M., Miko-shiba, N., Kawano, T. Oscillation of two-dimensional modes in transverse-distributed-feedback cavity lasers 1-46375
- Yamanishi, M. *see* Suemune, I. 1-41702
- Yamanouchi, M. *see* Higashi, Y. 1-23919
- Yamanouchi, M. *see* LEE, S.M. 1-36975
- Yamanouchi, T. *see* Ito, A.S. 1-45373
- Yamao, M. *see* Nakagawa, S. 1-46636
- Yamaoka, I., Shigeta, Y., Matsuura, N., Ochi, M., Shimbo, M. Shrinkage and internal stress during curing of epoxide resins 1-25354
- Yamaoka, S., Shimomura, O., Fukunaga, O. Simultaneous measurements of temperature and pressure by the ruby fluorescence line 1-5336
- Yamaoka, S. *see* Fukunaga, O. 1-30385
- Yamaoka, S. *see* Kanda, H. 1-20520, 1-35169
- Yamaoka, S. *see* Nukui, A. 1-47224
- Yamaoka, S. *see* Shimomura, O. 1-29998
- Yamaoka, T. *see* Ueda, O. 1-21256
- Yamaoka, Y., Machida, K. Anharmonic potential function of 1,1-dichloroethylene 1-14863
- Yamaoka, Y. *see* Kotani, T. 1-20213
- Yamasaki, A. *see* Kopal, Z. 1-9571
- Yamasaki, F. Historical review of radiation research in Japan 1-44756
- Yamasaki, J., Kitagawa, H. Simulative study of fatigue crack growth behavior in two dissimilar materials 1-26607
- Yamasaki, J. *see* Fukunaga, H. 1-47905
- Yamasaki, K., Sugano, T. Mechanism of oxide film growth on GaAs by plasma anodization 1-16924
- Yamasaki, R.S., Blaga, A. Application of accelerated weathering test to glass-fiber reinforced polyester sheets of improved surface durability 1-48542
- Yamasaki, S., Hirooka, M. Bose-Einstein condensation and the canonical conjugates to the density fluctuations 1-32902
- Yamasaki, S. *see* Hirooka, M. 1-40707
- Yamasaki, S. *see* Okushi, H. 1-8709
- Yamasaki, T., Izumi, H., Sunada, H. The microstructure and fatigue properties of electroless deposited Ni-P alloys 1-53282
- Yamasaki, T. *see* Kamiyama, S. 1-33993
- Yamashina, T., Obata, T., Hashiba, M., Hirohata, Y., Watanabe, K., Yabe, K. TiC coatings onto pyrolytic carbon by interdiffusion of C and metallic Ti using electron beams 1-25584
- Yamashina, T. *see* Maeda, S. 1-30535
- Yamashina, T. *see* Mohri, M. 1-26340, 1-28698
- Yamashina, T. *see* Satoh, K. 1-30558
- Yamashina, T. *see* Watanabe, K. 1-26339
- Yamashina, T. *see* Yabe, K. 1-26359
- Yamashita, E. *see* Kimura, T. 1-26161
- Yamashita, H., Takeuchi, Y., Tatsuzaki, I. Pressure-induced tricritical nature in triglycine selenate 1-26141
- Yamashita, H. *see* Fujita, K. 1-53468
- Yamashita, H. *see* Takeuchi, Y. 1-39047
- Yamashita, H. *see* Tano, S. 1-53829
- Yamashita, J. *see* Saito, S. 1-39860
- Yamashita, K. *see* Kato, H. 1-14798
- Yamashita, K. *see* Matsuoka, M. 1-22927
- Yamashita, K. *see* Murakami, T. 1-27633
- Yamashita, K. *see* Takeuchi, Y. 1-38637
- Yamashita, K. *see* Yabuta, T. 1-19465
- Yamashita, M. Sputtering system by RF electrodeless discharge. III 1-31259
- Yamashita, M., Kimura, H., Nakano, H. Stability of the cholesteric phase exposed to a magnetic field 1-15797
- Yamashita, M., Taguchi, K. The bearing error due to the coastal refraction in direction finding of atmospherics 1-27314
- Yamashita, M. *see* Kobayashi, T. 1-3712
- Yamashita, N. *see* Asano, S. 1-39138
- Yamashita, S. *see* Kobayashi, A. 1-34152
- Yamashita, S. *see* Omura, I. 1-39299
- Yamashita, T. Solid state dosimeter 1-18973
- Yamashita, T. Causes of slow earthquakes and multiple earthquakes 1-44119
- Yamashita, T., Momoi, T. Thickness measurements of evaporated films by beta-ray backscattering 1-31249
- Yamashita, T. *see* Ichinose, Y. 1-8443
- Yamashita, T. *see* Naito, K. 1-20727
- Yamashita, T. *see* Saito, T. 1-19971
- Yamashita, T. *see* Takenaga, M. 1-959
- Yamashita, Y., Ohtsuki, Y.H. Peak profiles of the Okorokov effects for heavy ions in a crystal 1-2543
- Yamashita, Y. *see* Nakagiri, M. 1-36310
- Yamashita, Y. *see* Yamamoto, H. 1-40745
- Yamate, G. *see* Rosinski, J. 1-49359
- Yamoto, A. *see* Thein, M. 1-22363
- Yamoto, H. *see* Sugawara, T. 1-6024
- Yamoto, T. *see* Matsui, S. 1-1733, 1-43556
- Yamoto Yasuhiro *see* Yasuhiro Yamato
- Yamauchi, K. *see* Masuda, T. 1-26946
- Yamauchi, M. *see* Aihara, H. 1-45336
- Yamauchi, M. *see* Iwasaki, H. 1-41272
- Yamauchi, R., Inada, K. Residual stresses of fibers in tape-type optical cable and their reduction 1-1716
- Yamauchi, R. *see* Akiyama, M. 1-11203
- Yamauchi, S. *see* Kanno, M. 1-38547
- Yamauchi, T., Nagami, M., Sengoku, S. Metal impurity injection into DIVA plasma with a Q-switched laser beam 1-25046
- Yamauchi, T., Shoji, T., Funahashi, A., Kumagai, K. Electron heat conduction coefficient at internal disruption in low-q DIVA plasmas 1-29848
- Yamauchi, T. *see* Iizuka, S. 1-6996
- Yamauchi, T. *see* Odajima, K. 1-11573
- Yamauchi, T. *see* Suzuki, N. 1-25039
- Yamauchi, Y., Susa, N. Suppression of thermal damage in InP substrates in InGaAs vapor phase epitaxy 1-48277
- Yamauchi, Y., Tanaba, S. Hand, foot and spinal column—diagnostic developments in orthopedics 1-49152
- Yamauchi, Y. *see* Ando, H. 1-45012
- Yamauchi, Y. *see* Susa, N. 1-53106
- Yamawaki, M. *see* Hamaguchi, C. 1-16577
- Yamawaki, M. *see* Honma, N. 1-26796
- Yamawaki, M. *see* Yoneoka, T. 1-26666, 1-31742
- Yamawaki, M.T. *see* Iwao, S. 1-33183
- Yamaya, K. *see* DiSalvo, F.J. 1-30907
- Yamaya, K. *see* Takoshima, T. 1-12119
- Yamaya, T. *see* Takada, E. 1-41137
- Yamazaki, F., Ooida, T. The seismicity in and near Suruga Bay 1-9116
- Yamazaki, H. Spin-wave relaxation in the field-induced paramagnetic phase of the antiferromagnet $(C_2H_5NH_3)_2CuCl_4$ 1-7955
- Yamazaki, H. *see* Ishihii, Y. 1-38832
- Yamazaki, H. *see* Ohtsuka, Y. 1-41825
- Yamazaki, I. *see* Araki, R. 1-49166
- Yamazaki, K. Internal tilting-mode stability of a slightly non-spherical spheromak 1-29864
- Yamazaki, K., Chu, C.K. Ballooning-mode-stable high-beta configurations for Tokamaks 1-51972
- Yamazaki, K. *see* Onuki, A. 1-52958
- Yamazaki, K. *see* Yamada, M. 1-46916, 1-52563
- Yamazaki, M. On a new family of spinning mass solutions 1-18090
- Yamazaki, M. A new family of spinning mass solution 1-23062
- Yamazaki, M. On the Hoenselaers-Kinnersley-Xanthopoulos spinning mass fields 1-50002
- Yamazaki, M., Ihara, H. Automatic interpretation of ESCA spectra by a knowledge-driven method 1-31959
- Yamazaki, M. *see* Koizumi, Y. 1-48503
- Yamazaki, N. *see* Kobayashi, T. 1-45271
- Yamazaki, O., Mitsuyu, T., Wasa, K. ZnO thin-film SAW devices 1-24640

- Yamazaki, S., Ikawa, S.-I., Kimura, M. Far-infrared absorption intensities of H_2O and D_2O in C_2H_6 1-1222
- Yamazaki, S., Nakayama, S., Ishihara, S., Sasayama, S. High accuracy X-ray lithography system 1-18343
- Yamazaki, S., see Ikawa, S. 1-6249
- Yamazaki, T., Suzuki, Y., Nakata, H. Gas plasma etching of ion implanted chromium films 1-31737
- Yamazaki, T. see Achiha, Y. 1-46020
- Yamazaki, T. see Fujita, Y. 1-28446
- Yamazaki, T. see Hayano, R.S. 1-26104
- Yamazaki, T. see Shibata, T.A. 1-37040
- Yamazaki, T. see Takigawa, M. 1-26103
- Yamazaki, Y., Hilhorst, H.J., Meissner, G. Differential real-space renormalization of the d-dimensional Gaussian model 1-36577
- Yamazaki, Y., Yamaguchi, K. Void fraction correlation of two-phase flow of liquid metals in tubes 1-738
- Yamazaki, Y. see Jagan Rao, N. 1-54090
- Yamazaki, Y. see Rao, N.J.M. 1-13485
- Yamazaki, Y. see Wohlfahrt, H.D. 1-41048
- Yamazoe, Y., Nishino, T., Hamakawa, Y. Electroradiation study of InGaAsP quaternary alloys lattice matched to InP 1-48053
- Yamazoe, Y., Sasai, Y., Nishino, T., Hamakawa, Y. Preparation and properties of InGaAsP p-n junction for fabrication of photodetectors in optical communication systems 1-13125
- Yamazoe, Y., Sasai, Y., Nishino, T., Hamakawa, Y. Deep impurity levels in InP LEC crystals 1-47557
- Yamin, P., Bunce, G., Cox, P.T., Dworkin, J., Heller, K., Overseth, O.E., Devlin, T., Skubik, P., Grobel, R., Handler, R., March, R., Pondrom, L., Sheaff, M., Wilkinson, C. Proton polarization in inclusive production at 400 GeV/c 1-45372
- Yamnova, M.A. see Simonov, M.A. 1-25229
- Yampolskaya, E.G., Smirnova, I.A., Mal'chevskaya, T.N., Kabanov, B.N. Coefficient of utilization for active mass of negative electrode in lead acid starter battery 1-53578
- Yampolskaya, M.A. see Simonov, Y.A. 1-20177
- Yampolskii, I.R. see Alikhanov, S.G. 1-2211
- Yampolskii, V.A. see Kaner, E.A. 1-29195
- Yamshchikov, V.A. see Apollonov, V.V. 1-33658
- Yan, C.C. Constants of motion and Hamiltonians 1-49902
- Yan, D. see Cao, J. 1-29923
- Yan, G. see Mocke, E.O. 1-45714
- Yan, M.F. Grain growth in Fe_3O_4 1-3679
- Yan Bing-yu A study on the characteristics of nitrogen laser pumped dye laser 1-6553
- Yan Chen see Beckerman, M. 1-10401
- Yan Da-Hua Short periodic induction field of geomagnetic storms on Zr-Se and electrical conductivity in the upper mantle beneath this region 1-53967
- Yan Hai-jing Determination of vibrational relaxation rates from decay constants 1-29096
- Yan Jia-quan see Huan Wen-lin 1-22312
- Yan Ming-qiao see Yu Chonghua 1-46706
- Yan Shi see Avakyan, A.L. 1-3526
- Yan Shu-qin see Zhao Lin 1-51406
- Yan Tung-Mow see Tung-Mow Yan
- Yan-chao Hong see Hong Yan-chao
- Yan-Ching Jean see Ito, Y. 1-51320
- Yan-song Chen see Chen Yan-song
- Yan-yun Wang see Wang Yan-yun
- Yan-zeng Zhao see Zhao Yan-zeng
- Yanabu, S., Nishiwaki, S., Ikeda, H., Horiuchi, T. Small DC current breaking phenomena of air blast circuit breaker 1-11618
- Yanabu, S. see Kobayashi, A. 1-34152
- Yanabu, S. see Suzuki, K. 1-11617
- Yanagata, S. see Sekiya, K. 1-25353
- Yanagi, K., Miyoshi, T., Saito, K. Development of the displacement sensor by fiber optics 1-19435
- Yanagi, T. see Kawabata, H. 1-6118
- Yanagida, H. see Itoh, T. 1-31702
- Yanagida, H. see Kihara, S. 1-30372
- Yanagida, H. see Koumoto, K. 1-20370, 1-43656
- Yanagida, H. see Matsuzawa, A. 1-31360
- Yanagida, H. see Shimizu, T. 1-16725
- Yanagida, I. see Togami, Y. 1-25586
- Yanagida, S. see Yoshino, K. 1-46998
- Yanagida, T. Horizontal symmetry and generation crossing 1-10128
- Yanagida, T. Horizontal symmetry and masses of neutrinos 1-14296
- Yanagida, T., Yoshimura, M. Neutrino mixing in a class of grand unified theories 1-18414
- Yanagida, T., Yoshimura, M. Various schemes of neutrino mixing 1-45177
- Yanagida, T. see Kaneko, T. 1-50358
- Yanagisawa, C. see Bartel, W. 1-18500, 1-45253, 1-45254
- Yanagisawa, C. see O'Neill, L.H., Jr. 1-50443
- Yanagisawa, I. see Oka, Y. 1-10416
- Yanagisawa, M. Continuous observation of crustal tilt at Usami, the northern part of Izu Peninsula 1-44133
- Yanagisawa, Y., Huzimura, R. Interaction of oxygen molecules with surface centers of UV-irradiated MgO 1-38645
- Yanagisawa, Y. see Tazaka, S. 1-22654
- Yanagisawa, Y. see Ushida, N. 1-546
- Yanagita, S. see Yamakoshi, K. 1-54430
- Yanai, H. see Hirose, S. 1-39132
- Yanai, K., Mizoguchi, M., Iida, S. Temperature dependence of NMR of magnetite at about 10K 1-39006
- Yanase, A. see Hanzawa, K. 1-52766
- Yanase, A. see Hasegawa, A. 1-7507
- Yanase, A. see Takegahara, K. 1-42957
- Yanase, T. see Yamashita, J. 1-13226
- Yanchenko, A.M. see Tarasik, M.I. 1-20765
- Yanchev, I.Y. see Yakimova, R.T. 1-35171
- Yanchishin, F.P. see Maksimovich, G.G. 1-35436
- Yanenko, N.N., Gaponov, S.A. Local criteria of hydrodynamic stability 1-37884
- Yanenko, N.N. see Gadiyag, G.V. 1-20320
- Yanenko, N.N. see Vorozhtsov, E.V. 1-14019, 1-14020
- Yaneva, N.B. see Antonov, N.A. 1-23749
- Yanez, M. see Catalan, J. 1-24025
- Yang, C.C. see Josefowicz, J.Y. 1-3005
- Yang, C.S. see Youdels, W.V. 1-16769
- Yang, C.Y., Liu, H.W. The application of the unzipping model of fatigue crack growth to micro-cracks 1-3918
- Yang, C.Y. see Case, D.R. 1-14816
- Yang, D., Cooper, B.R., Huang, C.Y., Sugawara, K. Theoretical study of g-shift and linewidth in CeP excited state EPR 1-26033
- Yang, E.S., Poon, E., Wu, C.M., Card, H.C., Hwang, W. Impediment of the majority carrier current by grain boundary potential in Al-poly-Si Schottky barrier solar cells 1-43781
- Yang, E.S. see Wu, C.M. 1-38836
- Yang, E.S. see Wu, C.M. 1-38849
- Yang, F.C. see Ma, Z.Y. 1-18691
- Yang, G.G., Leith, E. An image deblurring method using diffraction gratings 1-41613
- Yang, J. see Madan, A. 1-39765
- Yang, J. see Shur, M. 1-43782
- Yang, J. see Symblasty, E.M.D. 1-13894
- Yang, J.W. Heat transfer analysis of internally-cooled fuel element 1-18725
- Yang, K., Schwuttke, G.H., Cizek, T.F. Structural and electrical characterization of crystallographic defects in silicon ribbons 1-2357
- Yang, K.-H., Hirschfelder, J.O. Generalizations of classical Poisson brackets to include spin 1-4794
- Yang, K.S. see Webber, J.C. 1-22910
- Yang, N.C. see Rice, J. 1-12566
- Yang, P.C. see Barber, D. 1-14407
- Yang, P.C. see Barber, D.P. 1-534, 1-28309
- Yang, S. see Cao, J. 1-29923
- Yang, S.C., Hsieh, Y.K., Verma, K.K., Stwalley, W.C. The RKR potential energy curves for the $X^1\Sigma^+$ and $A^1\Sigma^+$ states of KH 1-24063
- Yang, S.C. see Hsieh, Y.K. 1-24183
- Yang, S.-K. Higher rank cylinder amplitude 1-40973
- Yang, S.-K. see Fujisaki, H. 1-526
- Yang, T.C. see Routs, R. 1-8919
- Yang, T.F., Callen, J.D. Stability of the plasma in a bundle divertor 1-6958
- Yang, T.F., Ruck, G.W., Sheffield, J., Wing, W.R., Dory, R.A. A bundle divertor design study for LPTT 1-10543
- Yang, T.F. see Cheng, E.T. 1-50937
- Yang, T.M.T., Yarbrough, D.W. Laminar flow of non-Newtonian liquid films inside a vertical pipe 1-51830
- Yang, T.P. see Flannery, M.R. 1-1315
- Yang, W.H. see Ma, T.-C. 1-19611
- Yang, W.S. see Fernandez, J.C. 1-38631
- Yang Bing-ping see Tang Ji-wen 1-22311
- Yang Bing-ping see Zhang Li-min 1-22313
- Yang Chi-Chung see Chi-Chung Yang
- Yang Chu-Liang, Yu Shou-Mian Propagation of elastic wave in a cylindrical bore hole containing a fluid for acoustic logging 1-54254
- Yang Chung-Ching see Chung-Ching Yang
- Yang Da-yu see Cheng Peng-zhu 1-50274
- Yang Di-Kang see Di-Kang Yang
- Yang Fu-chia see Cheng Huan-sheng 1-25544
- Yang Fu-jia see Zeng Jin-yuan 1-18549
- Yang Guo-Chen see Luo Liao-Fu 1-5555
- Yang Guo-zhen, Pan Shao-Hua A scheme for optical realization of Walsh transformation 1-24358
- Yang Hai-shou, Zhang Hou-mei The theory of force-free magnetic fields for unipolar sunspots and the energy of solar flares 1-40449
- Yang Hai-shou, Zhang Hou-mei, Li Wei-bao The theory of force-free magnetic fields for bipolar sunspots and the energy of solar flares 1-40450
- Yang Hua-guang Bands of scattered light produced in an α -LiIO₃ single crystal under the action of a DC electric field 1-3422
- Yang Ji-bing, Ye Heng-guan The geometry of lattice planes 1-2352
- Yang Kuo-Ho see Kuo-Ho Yang
- Yang Lan-tian, Xiao Xing-hua, Cao Cheng-lin, Bian Yu-lin, Tang Xiao-ying The relation between redshift and apparent magnitude of QSOs with light variation no greater than 0.5 m 1-40574
- Yang Lantian see Cao Shenglin 1-32770
- Yang Mao-Yuan see Zhang Zhi-Li 1-9084
- Yang Mo Koo see Woong Kil Choo 1-16720
- Yang Pei-cai, Guo Yu-fu, Liu Jin-li, Ma Zhen-hua The classification of hailstorm systems in North China and the characteristics of the cells in the hailstorms 1-54212
- Yang Qi-bing Composite lattice of two phases with a coincidence site lattice relationship. I. Coincidence site lattice 1-47093
- Yang Qi-bing Composite lattice of two phases with a coincidence site lattice relationship. II. Coincidence coefficients of space lattices and plane lattices 1-47094
- Yang Qiqin, Liu Guankun, Fang Beilong Effects of concentration and average valence of titanium subchlorides on the electrocrystallization of titanium 1-53429
- Yang Shi-Jun see Ge Ling-Xiao 1-45531
- Yang Tian-long, Su Hai-zheng, Gao Pei-Juan Raman mixing in an optical fiber 1-51615
- Yang Tian-Xi see Deng L. Qi-Dong 1-4433
- Yang Tien Tsai see Tien Tsai Yang
- Yang Tong-Hua see Li Zhu-Qi 1-46958
- Yang Wen-Jie see Wen-Jie Yang
- Yang Xi-Rong see Ding Hui-Liang 1-41283
- Yang Xiangqun W transformation and strong limit for denumerable Markov processes 1-27880
- Yang Xu-Xia see Liu De-Min 1-49091
- Yang Yi-bi The oscillation of trade wind over the western Pacific in summer, 1976 and its relation to the general circulation of the atmosphere in the tropics 1-54214
- Yang Ying-Shan see Ying-Shan Yang
- Yang Yong-Shun see Yong-Shun Yang
- Yang Yu-rui see Ying Chong-Fu 1-46647
- Yang Yu-Tung see Yu-Tung Yang
- Yang Ze-Sen The adiabatic-Born approximation of the optical model for deformed nuclei 1-41086
- Yang Zhen see Zhu Jin-song 1-24427
- Yang Zhen see Zhen Yang
- Yang Guo Li see Li Yang-Guo
- Yang-yun Wang see Wang Yang-yuan
- Yanguo Li see Li Yanguo
- Yanitski, M. see Budzyak, A.V. 1-45466
- Yaniv, A. Theory of vacancies near a bimetallic interface 1-25785
- Yaniv, A.E. see Klein, I.E. 1-53345
- Yankauskene, E.V. see Muller, V.M. 1-24868
- Yanke, V.G. see Aleksan'yan, T.M. 1-36187
- Yanke, V.G. see Dorman, L.I. 1-36149
- Yankevich, Ch., Ampel, R. Singularities of sources of the Schwarzschild field 1-23058
- Yankevich, Ch., Sikora, D. Field momentum, inertial momentum and gravitational momentum of a system of bodies in the Post-Newtonian approximation 1-9879
- Yankielowicz, S. Z(N) gauge theories—phase transitions and confinement 1-28212
- Yankielowicz, S. see Banks, T. 1-14232
- Yankielowicz, S. see Frishman, Y. 1-33166
- Yankielowicz, S. see Horn, D. 1-5462, 1-28175
- Yankina, A.A. see Emel'yanov, A.I. 1-42797
- Yanko, V.M., Sivkov, S.I. Effect of forming conditions on polyethylene-forming equipment made of steel KVH-16889
- Yan'kov, G.B. see Bochkarev, O.B. 1-23625
- Yan'kov, Ya.D. Kinetic theory of disperse systems 1-37992
- Yan'kov, Ya.D. Macroscopic equations of motion of disperse systems 1-51849
- Yankovskii, A.A. see Petukh, M.L. 1-53515
- Yankovskii, A.A. see Safonova, E.P. 1-17136
- Yankulova, I.M., Golev, V.K., Petrov, G.T. Physical conditions in the nucleus of the Markaryan 534 galaxy 1-22899
- Yankulova, I.M. see Golev, V.K. 1-9672
- Yanninchev, V.D. see Nikol'skii, S.I. 1-13652
- Yannoni, C.S., Kendrick, R.D. NMR nutation spectroscopy: a method for determining molecular geometry in amorphous solids 1-43021
- Yannoni, C.S. see Bleich, H.R. 1-28043
- Yannoni, C.S. see Kendrick, R.D. 1-14159
- Yano, K. see Sakamoto, Y. 1-29922, 1-29941
- Yano, M. see Shimada, K. 1-13337
- Yano, T. see Terashita, K. 1-35295
- Yano, T. see Udagawa, S. 1-21444
- Yanosky, N. see Ichien, N.M. 1-876
- Yanokura, M., Kohno, I., Nakahara, H., Yamakoshi, K. Heavy ion identification system by using a gas proportional counter telescope 1-51058
- Yanokura, M., Nakahara, H., Kohno, I. Isotopic dependence of the strongly damped events in the 115 MeV nitrogen induced reactions on nickel 1-45516
- Yanovich, E.A. see Barabanov, I.R. 1-23984, 1-45543
- Yanovitskii, E.G. The radiation field in optically thick atmosphere with nearly conservative scattering 1-32515
- Yanovitskii, E.G. Radiation field in a plane atmosphere in the case of anisotropic scattering. Separation of the angular variables 1-49550
- Yanovskaya, M.I. see Kompanets, I.N. 1-34806

- Yanovskii, K.A. *see* Shvedova, T.L. 1-48604
 Yanovskii, L.S. *see* Eroshenko, V.M. 1-15545
 Yanovskii, V.K. Electrical conductivity and dielectric properties of KNbO_3 crystals with impurities 1-52904
 Yanovskii, V.V. *see* Moiseev, S.S. 1-19736
 Yanovsky, V.V. *see* Moiseev, S.S. 1-51747, 1-51749
 Yanovsky, Y.G. Viscoelastic characteristics of polymers of narrow molecular-mass distribution in various physical states according to data on small-amplitude oscillating shear 1-43395
 Yanovsky, Y.G. *see* Tumanova, I.A. 1-42459
 Yanovsky, Yu.G. *see* Vinogradov, G.V. 1-51726
 Yanowitz, F. *see* Lux, R.L. 1-32304
 Yanrui Hu The characteristics of standard cells with a low temperature coefficient 1-36607
 Yanshevskii, Yu.-P., Svinin, M.V. Application of the characteristics of the amplitude-energetic distributions of singly-scattered gamma quanta in X-ray radiometric logging measurements 1-27287
 Yanson, I.K. *see* Batrak, A.G. 1-30715
 Yanson, I.K. *see* Khotkevich, A.V. 1-42592
 Yanson, I.K. *see* Kulik, I.O. 1-47806
 Yanson, I.K. *see* Lysykh, A.A. 1-11829
 Yanson, I.K. *see* Rybal'chenko, L.F. 1-47805
 Yanson, I.K. *see* Sotnikov, V.A. 1-21107
 Yanson, Ya.L. *see* Valbis, Ya.A. 1-16612
 Yanson, Yu.O. *see* Malmeister, A.A. 1-35159
 Yanson, Yu.O. *see* Urzhumtsev, Yu.S. 1-15458
 Yanshkevich, V.A. *see* Akishin, A.I. 1-26123
 Yanshkevich, V.A. *see* Dekhtyar, I.Ya. 1-53017
 Yao, C.-Y. *see* Chao, A.W. 1-23874
 Yao, J.S.T. *see* Collins, J.T. 1-39985
 Yao, L.S. Analysis of heat transfer in slightly eccentric annuli 1-24797
 Yao, M., Endo, H. Electrical and thermodynamic properties of liquid H_2 and dilute amalgams at high temperatures and high pressures 1-25773
 Yao, M., Suzuki, K., Hoshino, H., Endo, H. Pressure-induced semiconductor-to-metal transition in liquid Te-Se mixtures 1-25771
 Yao, M. *see* Suzuki, K. 1-25373
 Yao, N.P. *see* Hornstra, F. 1-53606
 Yao, N.P. *see* Webster, W.H., Jr. 1-53605
 Yao, S.S., Pellegrino, F., Alfano, R.R., Miniscalco, W.J., Lempicki, A. Photoluminescent determination of the fundamental gap for the ferromagnetic semiconductor CdCr_2Se_4 1-43169
 Yao, Y.D., Chiang, C., Young, C.Y. An experimental study on anthracene 1-7671
 Yao, Y.D., Lin, S.T., Ueng, W.J. Annealing study in glassy Fe_2B_{12} 1-8343
 Yao Jian-quan Simultaneous active AM plus passive FM with Q-controlling mode-locked high power pulsed laser 1-51533
 Yao Jie, Chen Baoqing The properties of Si-SiO_2 system formed by spun-on emulsion 1-30826
 Yao Nai-yan, Wu Cui-lun, Wang Liang-yu, Zhang Bia-zhe, Bai Guang-mei, Lu Yu-zeng, Liao Song-sheng A new synthetic method of phenylcyclohexane-type liquid crystalline compounds and study of electro-optic characteristic in its mixture 1-46996
 Yao Qing-Chun *see* Wang Chang-Ling 1-4430
 Yao Shang J. *see* Shang J. Yao
 Yao Shi-chune *see* Shi-chune Yao
 Yao Shi-kay *see* Shi-kay Yao
 Yao Yeong Der *see* Yeong Der Yao
 Yao Zhen-xing The reflectivity method for a buried shear dislocation source 1-17562
 Yao Zhen-xing *see* Li You-Ming 1-54253
 Yao Zhen-xing *see* Teng Ji-wen 1-22311
 Yao-Lan Jia *see* Jia Yao-Lan
 Yao-lu Cai *see* Cai Yao-lu
 Yao-Wu Chen *see* Chen Yao-Wu
 Yao-yang Liu *see* Liu Yao-yang
 Yaouanc, A. *see* Le Yaouanc, A.
 Yap, C.T., Saw, E.L. Sensitivity of the Fermi matrix element of ^{64}Ga to the wavefunction 1-23554
 Yarba, V. *see* Barth, M. 1-41018, 1-45377
 Yarba, V.A. Particle accelerators being constructed and planned at superhigh energies 1-976
 Yarba, V.A. *see* Batasov, Y.A. 1-41113
 Yarbrough, D.W. *see* Yang, T.M.T. 1-51830
 Yardley, J.T., Gitlin, B., Nathanson, G., Rosan, A.M. Fragmentation and molecular dynamics in the laser photodissociation of iron pentacarbonyl 1-36661
 Yardley, J.T. *see* Nathanson, G. 1-43683
 Yarema, S.M. *see* Stokowski, S.E. 1-1572
 Yarema, S.Ya., Ivanitskaya, G.S. Stability of rectilinear symmetrical crack growth in a disk specimen 1-1893
 Yarema, S.Ya., Ostash, O.P., Zinyuk, O.D., Vashchenko, A.N. Development of fatigue cracks in sheets of MAZ-1 magnesium alloy 1-53286
 Yaremchenko, N.Ya. *see* Gnypl, I.Y. 1-53289
 Yaremchenko, N.Ya. *see* Pokhmurskii, V.I. 1-35443
 Yaremchenko, L.N. Equivalent current systems of the equatorial electrode 1-4689
 Yaremchenko, Yu.I. *see* Abramyan, A.S. 1-54242
 Yaremko, A.M. *see* Gavrilko, T.A. 1-3398
 Yaremko, A.M. *see* Korneichuk, V.A. 1-20640
 Yaremko, A.M. *see* Lisitsa, M.P. 1-43118
 Yarin, A.L. Stability of a jet of viscoelastic liquid in the presence of a mass flux at its surface 1-11426
 Yariv, A. *see* Ben-Chaim, N. 1-41718
 Yariv, A. *see* Chen, P.C. 1-46377
 Yariv, A. *see* Chun-Ching Shih 1-19315
 Yariv, A. *see* Katz, J. 1-1582, 1-37503, 1-41697
 Yariv, A. *see* Koch, T.L. 1-51528
 Yariv, A. *see* Lau, K.Y. 1-6589, 1-24440, 1-29277, 1-41706
 Yariv, A. *see* Margalit, S. 1-15289
 Yariv, A. *see* Moyer, R. 1-52608
 Yariv, A. *see* Nilsen, J. 1-51544
 Yariv, A. *see* Shih, C. 1-10967
 Yarker, S. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
 Yarkony, D.R. Comment on the use of the augmented matrix in MCSCF theory 1-41295
 Yarkony, D.R. *see* Bauschlicher, C.W., Jr. 1-6142, 1-33403
 Yarkony, D.R. *see* Diffenderfer, R.N. 1-28883
 Yarmakhov, I.G. *see* Sokhranov, N.N. 1-13395
 Yarmat, T. Why not solar energy? 1-21865
 Yarmola, T.M. *see* Avetisyan, A.V. 1-38800
 Yarmolyuk, N.I., Vigdorovich, V.N., Kolin, N.G., Osvenskiy, V.B., Kharchenko, V.A., Kholodnyi, L.P. Influence of fast-neutron irradiation on the properties of gallium arsenide doped with various impurities 1-25331
 Yarmolyuk, Ya.P., Grin, Yu.N., Olesh, O.M. Crystal structure of the compounds $\text{R}_2\text{Ga}_2\text{Co}_{17-x}$ ($\text{R}=\text{La}, \text{Ce}, \text{Pr}, \text{Nd}, \text{or Sm}$) and $\text{R}_2\text{Ga}_2\text{Ni}_{17-x}$ ($\text{R}=\text{Ce}, \text{Pr}, \text{Nd}, \text{or Sm}$) 1-2396
 Yarmolyuk, Ya.P. *see* Gladshchevskii, E.I. 1-20116
 Yarmolyuk, Ya.P. *see* Grin, Yu.N. 1-20117, 1-30140
 Yarnoz, M.D. *see* Kovacs, S.G. 1-13351
 Yaroshenko, A.P. *see* Pashkov, P.O. 1-39353
 Yaroshenko, O.I. *see* Rudik, K.I. 1-1561
 Yaroshchevich, O.I. *see* Zhuk, I.V. 1-23980, 1-51059
 Yaroshkevskaya, L.S. *see* Tynnyi, A.N. 1-35370
 Yaroshkevskii, I.D. *see* Zinov'ev, N.N. 1-52496
 Yaroslavskii, G.Ya. *see* Koval', Yu.N. 1-43336
 Yaroslavtsev, O.I. *see* Blinov, N.N. 1-39982
 Yarov, A.S. *see* Artem'eva, Z.L. 1-46204, 1-51357
 Yarovets, V.I. *see* Skolozdra, R.V. 1-20967
 Yarovoi, V.V. *see* Lanskaya, K.A. 1-16784
 Yarunich, V.P. *see* Sirota, N.N. 1-12469
 Yarunin, V.S. *see* Gravin, V.O. 1-173
 Yarwood, J., Ackroyd, R., Arnold, K.E., Doge, G., Arndt, R. Raman spectroscopic studies on the vibrational relaxation of CH_3CN in different environments 1-33463
 Yarwood, J., Barker, C., James, P.L., O'Neill, G.P., Scott, W.A., McKenzie, R.N. A new cell for liquid phase refractive index determinations in the millimetre spectral region 1-33040
 Yarwood, J. *see* Birch, J.R. 1-37186
 Yaryna, V.P., Grigor'ev, E.I. Reference neutron fields in the metrological provisions system for neutron measurements in nuclear physics installations 1-23994
 Yarzhevskiy, V.G. *see* Gofman, M.M. 1-14959
 Yas', D.S. *see* Chornoguz, L.V. 1-12677
 Yasa, Z.A., Amer, N.M. Reciprocal passive mode locking of a rhodamine 6G dye laser and the Ar^+ pump laser 1-41732
 Yasa, Z.A., Amer, N.M. A rapid-scanning autocorrelation scheme for continuous monitoring of picosecond laser pulses 1-51535
 Yasaka, Y., Itatani, R. Direct comparison between circularly and linearly polarized RF fields in ICRF heating 1-29890
 Yaschin, E.G. Quantum oscillations of the non-linear characteristics of bismuth under conditions of strong electron heating 1-25741
 Yase, Y. *see* Mizumoto, Y. 1-53880
 Yashchurzhinskaya, O.A. *see* Al'perovich, M.A. 1-8588
 Yashima, O. *see* Shindo, T. 1-19534
 Yashin, V.E. *see* Mak, A.A. 1-29349
 Yashin, V.P. *see* Levikov, E.A. 1-45091
 Yashin, Yu.Ya. *see* Shilonskiy, A.G. 1-22601
 Yashina, R.M., Matrenitskii, A.T., Garam, D. On the relationship between Devonian and Permian orogenic magmatism in the Early Caledonides of northern Mongolia 1-44188
 Yashiro, K. *see* Itoh, A. 1-23276
 Yashukov, V.P. *see* Goryachkin, D.A. 1-25096
 Yashumov, I.V. *see* Borisenko, V.E. 1-51518
 Yashumov, I.V. *see* Kononenko, V.K. 1-41704
 Yasinetiskii, V.V. *see* Smirnov, E.P. 1-53466
 Yasinski, M.F. *see* Kuslitskiy, A.B. 1-3930
 Yasinski, V.M. *see* Gudelev, V.G. 1-46408
 Yas'kov, A.D. *see* Geidur, S.A. 1-21166, 1-31123, 1-43095
 Yas'kov, A.D. *see* Pektin, A.N. 1-3356
 Yas'kov, D.A. *see* Dikhtgaev, T.T. 1-2702, 1-30484
 Yas'kov, D.A. *see* Il'in, Yu.L. 1-38392
 Yasenko, A.I. *see* Khudiyakov, I.V. 1-4051
 Yasinikov, G.P. Equations of mechanical energy of monodisperse suspensions 1-13042
 Yasnitskii, R.I. *see* Levin, E.M. 1-30927
 Yasnogorodskii, A.M. *see* Nemets, O.F. 1-50575
 Yasnogorodskij, A.M. *see* Nemets, O.F. 1-714
 Yasnopol'skii, N.I., Indrishech, V.I. Resolving power and response of a secondary-electron emitter based on a graded-band-gap semiconductor 1-31247
 Yasohama, K. *see* Ogasawara, T. 1-52695
 Yasov, V.G. *see* Myslyuk, M.A. 1-51821
 Yassin, G., Laine, D.C. Elliptical oscillation in molecular beam maser with disk resonator 1-41652
 Yasskin, P.B. Metric and connection theories of gravity: the gauge theories of spacetime symmetry 1-32891
 Yastrebol, I. *see* Katsnelson, A.A. 1-47631
 Yastrebov, A.A. *see* Ryabov, Yu.A. 1-27329
 Yastrebov, I.G. *see* Sosnin, V.V. 1-8337
 Yastrebov, V.S. *see* Monin, A.S. 1-32433
 Yastremskii, P.S. *see* Verstakov, E.S. 1-7993
 Yasu, M. *see* Kawachi, M. 1-33833
 Yasu, M. *see* Tomaru, S. 1-33835
 Yasuda, A., Kanai, Y., Kusunoki, J., Kawahata, K., Takeda, S. Feedback-stabilized dual-beam laser interferometer for plasma measurements 1-42211
 Yasuda, H. The intermolecular potential and the crystalline field of solid CH_2 . II 1-12074
 Yasuda, H., Matsui, M. Noise reduction and sound radiation efficiency of a rectangular enclosure 1-24586
 Yasuda, H. *see* Nagata, H. 1-11376
 Yasuda, I., Yoshitani, Y., Kawai, Y., Koyama, K., Yazaki, T. Newly developed sendust video head for head coercive tape 1-7892
 Yasuda, M., Hine, F., Watanabe, M., Okada, N. Electrochemical behavior of mild steel in boiling NaOH solutions under heat transfer 1-43601
 Yasuda, M. *see* Kuga, K. 1-10022
 Yasuda, N. *see* Fujimoto, S. 1-8011
 Yasuda, N. *see* Kyu, T. 1-31124
 Yasuda, T. *see* Iriyama, K. 1-7658
 Yasuda, T. *see* Nishitani, T. 1-43094
 Yasuda, Y., Sokabe, N., Murai, A. Excitation process of the N_2 IR ($\text{B}^1\text{g}-\text{A}^1\text{g}$) laser transition II 1-24404
 Yasue, M. *see* Ohnuma, H. 1-36945
 Yasue, T., Shiino, H., Arai, Y. New phases of calcium sulfate hemihydrate 1-20172
 Yasuhara, H. *see* Yoshida, F. 1-2895
 Yasuhiko, T. Fundamental frequency estimation by peak-picking of squared speech wave 1-41926
 Yasuhiko Yamato, Manasu Suzuki Occurrence of herbicide oxadiazons in surface waters and tap water 1-35724
 Yasui, I. *see* Hasegawa, H. 1-20076
 Yasui, M., Yamada, H., Shimizu, M. Orbital susceptibility for Fe, Co and Ni and high-field susceptibility for Fe and Ni 1-16430
 Yasukawa, N. *see* Yatabe, T. 1-4240
 Yasukawa, S. *see* Murata, H. 1-50752
 Yasukawa, S., Murakami, K. Chain length dependence of termination rate constant: computer experiment of effects on the kinetics of radical polymerization of styrene 1-46869
 Yasukochi, K. *see* Kobayashi, H. 1-47323
 Yasukochi, K. *see* Matsubara, Y. 1-46817
 Yasukochi, K. *see* Ogasawara, T. 1-52695
 Yasumori, I. *see* Kojima, I. 1-25537
 Yasumoto, Y., Kondo, K., Sawaoka, A. A convenient technique for shock pressure measurements using a maganin gauge 1-23254
 Yasunaka, T. Grain-boundary precipitation and fracture behavior in 21Cr-14Mn steel 1-48502
 Yasuno, Y., Takenaga, M., Minamide, S., Hasegawa, S., Yamamoto, O. TL badge and automatic reader for personnel monitoring 1-35888
 Yasuoka, H. *see* Hayano, R.S. 1-26104
 Yasuoka, H. *see* Satoh, K. 1-52865
 Yasuoka, H. *see* Takigawa, M. 1-26103
 Yasuoka, Y., Yagi, H. Detection mechanism and properties of MOM point contact diodes 1-25810
 Yasutake, K., Umeno, M., Kawabe, H. Mechanical properties of heat-treated Czochralski-grown silicon crystals 1-35303
 Yasutake, K., Umeno, M., Kawabe, H., Nakayama, H., Nishino, T., Hamakawa, Y. Oxygen-related donors generated at 800°C in CZ-Si 1-26255
 Yasutomo, Y., Miyata, K., Himeno, S., Enoto, T., Ozawa, Y. A new numerical method for asymmetrical Abel inversion 1-46926
 Yasutomo, Y. *see* Himeno, S. 1-15615
 Yasuyukov, V.B. *see* Baruvai, S.E. 1-44914
 Yata, A., Ikuno, H. Cutoff frequencies of W-type fibre with polynomial profile core 1-33809
 Yatabe, T., Nakayama, T., Nakai, Y., Yasukawa, N. Development of high performance (chemiluminescence) instrument for measuring atmospheric NO_x 1-4240
 Yatsugi, T., Idesawa, M. Automatic measurement of 3-D shapes using scanning moire method 1-40753
 Yatsugi, T. *see* Idesawa, M. 1-23296
 Yatsugi, T. *see* Nakadate, S. 1-33043
 Yates, B. *see* Dootson, M. 1-7358

- Yates, J.T., Jr., Goodman, D.W. Carbon monoxide chemisorption on Ni(100)—direct detection of adsorbate-adsorbate interactions by desorption kinetic measurements 1-38643
- Yates, J.T., Jr. see Antoniewicz, P.R. 1-8609
- Yates, J.T., Jr. see Cavanagh, R.R. 1-14902
- Yates, M.A. see Bowles, T.J. 1-41144
- Yates, M.A. see Preadom, B.M. 1-45540
- Yatom, H. see Shima, Y. 1-19868
- Yatomi, C. see Gurtin, M.E. 1-29617
- Yatsenko, A.A. see Seminozhko, V.P. 1-52692
- Yatsenko, A.I. Relative proper motion in the trapezium type systems. II 1-4781
- Yatsenko, A.I. see Rybka, S.P. 1-49476
- Yatsenko, B.P. see Minin, V.V. 1-38067
- Yatsenko, K.P. see Molchanova, L.V. 1-16758
- Yatsenko, L.A. see Bulgakov, Yu.V. 1-7612, 1-7613, 1-38416, 1-52164
- Yatsenko, L.P. see Danileiko, M.V. 1-46399
- Yatsenko, O.B. see Vishnyakov, E.M. 1-16311
- Yatsenko, S.P. see Gladishyev, E.I. 1-20116
- Yatsenko, V.A. see Nemoshkalenko, V.V. 1-20620, 1-48197
- Yatsenko, Yu.P. see Kornienko, L.S. 1-29304
- Yatset, P.I. see Khodyachik, A.F. 1-10379
- Yatsichin, V.P. Solitary magnons in anharmonic ferromagnetic chain 1-3167
- Yatsimirskii, K.B. Chelate, polychelate, and macrocyclic effects 1-37094
- Yatsimirskii, V.K. see Kirillova, N.V. 1-26768
- Yatsimirskii, V.K. see Shul'ga, Yu.M. 1-16722
- Yatsishin, V.P. Solitary magnons in a flat system of ferromagnetic chains 1-7821
- Yatsiv, S. see Degani, J. 1-37477, 1-39635
- Yatsiv, S. see Shmulovich, J. 1-6922, 1-41396
- Yatskiy, Ya.S. Nutation in the IAU System of Astronomical Constants 1-40046
- Yatskiy, Ya.S., Korsun, A.A., Mironov, N.T. On the determination of ATI by the BIH and the USSR Time Service 1-44072
- Yatsun, V.A. see Burban, I.M. 1-5493
- Yatsyuk, O.S. see Golovaty, V.V. 1-32526
- Yatsyushin, I.G. see Krasnov, L.V. 1-1032
- Yatvin, M.B. see George, A.M. 1-22070
- Yau, A.W. see Pritchard, H.O. 1-21700
- Yau, K.L. A study on the temperature of thermal spike in aluminium alloys 1-25256
- Yau, S.-T. see Schoen, R. 1-49999
- Yau Huang Juang see Juang Yu Huang
- Yavari, I. A proton nuclear magnetic resonance spectroscopic study of conformational equilibration of 3-azabicyclo [3.2.2]nonane 1-6281
- Yavari, I. see Abdi, S. 1-51116
- Yavari, P. see Beagle, B. 1-46124
- Yavari, P. see Langdon, T.G. 1-12840
- Yavari, S. see Oxyannikova, L.P. 1-403
- Yavrouian, A. see Woolam, J.A. 1-42679
- Yavuzkurt, S., Moffat, R.J., Kays, W.M. Full-coverage film cooling. I. Three-dimensional measurements of turbulence structure 1-20518
- Yavuzkurt, S., Moffat, R.J., Kays, W.M. Full-coverage film cooling. II. Prediction of the recovery-region hydrodynamics 1-20519
- Yazaki, K. see Amakawa, H. 1-41118
- Yazaki, K. see Lenz, F. 1-28433
- Yazaki, K. see Sato, H. 1-23627
- Yazaki, K. see Seki, R. 1-18685
- Yazaki, S. see Reinders, L.J. 1-5603, 1-18445, 1-23481
- Yazaki, T., Tominaga, A., Narahara, Y. Thermally driven acoustic oscillations: second-harmonic 1-15304
- Yazaki, T., Tominaga, A., Narahara, Y. Experiments on thermally driven acoustic oscillations of gaseous helium 1-15373
- Yazaki, T. see Yasuda, I. 1-7892
- Yazbeck, J. see Rebhah, A. 1-15877
- Yazici, R. see Pangborn, R.N. 1-31639
- Yazikov, M.I. see Kotov, A.A. 1-23959
- Yaziv, D., Rosenberg, Z., Partom, Y. Recording two elastic release waves in shock-compressed aluminium with in-material manganin gauges 1-25369
- Yaziv, D., Rosenberg, Z., Partom, Y. Release wave calibration of manganin gauges 1-40776
- Yaziv, D. see Rosenberg, Z. 1-5302, 1-42506
- Ybarra, R.M., Eckert, R.E. Viscous heat generation in slit flow 1-37898
- Ye, H.Q. see Guan, X.M. 1-26594
- Ye Chun-Tang see Li Zhu-Qi 1-46958
- Ye Heng-qian see Yang Ji-bing 1-2352
- Ye Ling see Zhang Kai-ming 1-47363, 1-47364
- Ye Si-Zong see Goebel, K. 1-45748
- Ye Su-Juan, Yuan Bao-Yin A paleomagnetic study on ceyssatite of Shanwang formation (Miocene) in Linqu County, Shandong 1-49200
- Ye-Ning Wang see Duan Feng 1-15217
- Ye-ning Wang see Wang Ye-ning
- Yeack, C.E., Chodorow, M. Oblique incidence reflection acoustic imaging 1-6731
- Yeack, C.E., Chodorow, M., Cutler, C.C. Non-linear acoustic off-axis imaging 1-6730
- Yeager, D.L., Albertsen, P., Jorgensen, P. Mode damping in multifunctional Hartree-Fock procedures 1-6141
- Yeager, D.L. see Albertsen, P. 1-10624
- Yeager, E. Non-traditional approaches to the study of solid-electrolyte interfaces: problem overview 1-34575
- Yeager, K.E. Coal clean-up technology 1-39730
- Yeager, K.E. see Bloom, S.G. 1-4603
- Yean-Woei Kiang see Chun-Hsiung Chen 1-29172
- Yearby, K. see Matthews, J.P. 1-40285
- Yeann-Ik Choi see Se-Ho Oh 1-53312
- Yearwood, T.L., Chandran, K.B. Experimental investigation of steady flow through a model of the human aortic arch 1-49035
- Yedlin, M. see Crampin, S. 1-54010
- Yee, A.F., Maxwell, M.A. Mechanical properties of polymer mixtures: effect of compatibility 1-35352
- Yee, A.W. see Silva, R.J. 1-41216
- Yee, G., Chilukuri, R., Humphrey, J.A.C. Developing flow and heat transfer in strongly curved ducts of rectangular cross section 1-24798
- Yee, G. see Humphrey, J.A.C. 1-51871
- Yee, H.K.C. Optical continuum and emission-line luminosity of active galactic nuclei and quasars 1-49791
- Yee, H.K.C. see Kondo, Y. 1-54609
- Yee, T.K. see Rotman, S.R. 1-51532
- Yee, Y.P. see Bruce, C.W. 1-49356
- Yee Young Paul see Young Paul Yee
- Yee-Chung See see Guha, S. 1-19383
- Yefimov, A.I., Lotova, N.A. Statistical analysis of the space-time structure of the solar wind 1-4733
- Yefimov, F.V. see Valitov, R.A. 1-11035
- Yeganeh, M. Charge exchange (σ_{10}) and electron loss (σ_{01}) cross-sections of H_2 molecules and He, Ne, Kr atoms for hydrogen and deuterium ions of various energies (1.5-10 keV) 1-29095
- Yegingil, I. see Heiles, C. 1-44652
- Yegnanarayana, B. Speech analysis by pole-zero decomposition of short-time spectra 1-37726
- Yeh, C., Mei, K.K. On the scattering from arbitrarily shaped inhomogeneous particles—exact solution 1-10928
- Yeh, C. see Oliver, W.A. 1-37676
- Yeh, D.C., Acuna, L.A., Huntington, H.B. Diffusion of lead in cadmium 1-47300
- Yeh, H.C. see Burman, D.L. 1-28670
- Yeh, H.-C. An analytical solution to fuel-and-cladding model of the rewetting of a nuclear fuel rod 1-18781
- Yeh, H.J. see Jethrapal, C.L. 1-28995
- Yeh, J.J., Eberly, J.H. Irreversibility of energy-conservative dipole dephasing in a simple model 1-1654
- Yeh, J.L. see Draper, C.W. 1-43610
- Yeh, J.L. see Duke, C.B. 1-42612
- Yeh, J.L. see Meyer, R.J. 1-11962, 1-34557
- Yeh, T.C. see Schultz, L. 1-50136
- Yeh, L.-S.R. see Damjanovic, A. 1-16967, 1-21626
- Yeh, L.T., Chung, B.T.F. Integral analysis for the interaction of radiation with conduction in a half space 1-1804
- Yeh, P. Christiansen-Bragg filters 1-19411
- Yeh, P. Zero crossing birefringent filters 1-19412
- Yeh, P.S., Macovski, A., Brody, W. Noise analysis in isolation of iodine using three energies 1-22117
- Yeh, S., Bernan, P.R. Theory of collisionally aided radiative excitation in three-level systems 1-1320
- Yeh, S.C. see Chang, C.N. 1-10817
- Yeh, S.H., Weisman, J. An automated procedure for BWR in-core fuel management 1-41201
- Yeh, T. Self-induced magnetic force of a toroidal current 1-34104
- Yeh, T.R., Lancman, H. Absolute efficiency of Kimfold films for counting fission fragments emerging from thick sources 1-37068
- Yeh Ching-Fa see Ching-Fa Yeh
- Yeh Ching-Kai see Ching-Kai Yeh
- Yeh Hsu-Chieh see Hsu-Chieh Yeh
- Yei, W.-M., McLellan, R.B. Diffusivity of hydrogen in nickel-vanadium solid solutions 1-2693
- Yeivin, Y. see Barhen, J. 1-45659
- Yeivin, Y. see Wagschal, J.J. 1-18629, 1-18790
- Yekutieli, G. see Eisenberg, Y. 1-10274
- Yelutskii, N.P., Sidorov, A.N., Titov, V.I. Absorption spectra and structure of the sublimated layers of etioporphyrin and its metal derivatives 1-35745
- Yell, R.W. see White, R.A. 1-36616
- Yellin, J. see Mommsen, H. 1-23608
- Yellup, J.M., Parker, B.A. Two-stage ageing in a nickel alloy and the formation of a duplex structure 1-43381
- Yelon, W.B., Brugger, R.M., Fluharty, R.G., Lisowski, P.W. Cooled, large mosaic pyrolytic graphite as thermal neutron filters 1-33360
- Yelon, W.B., Vettier, C., Pasternak, A., Guggenheim, H. The lattice dynamics of $FeBr_2$ 1-20331
- Yelon, W.B. see Hardman, K. 1-11723, 1-25889
- Yelton, J.M. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Yem Pham Xuan see Xuan Yem Pham
- Yemin, L. see Lind, K.E. 1-6027
- Yem, D.H.Y., Maestrello, L., Padula, S.L. Response of a panel to a supersonic turbulent boundary layer: studies on a theoretical model 1-1751
- Yen, K. see Ih, C.S. 1-33783
- Yen, K.H. see Lau, K.F. 1-15356
- Yen, R., Liu, J., Bloembergen, N. Thermally assisted multiphoton photoelectric emission from tungsten 1-16658
- Yen, S.P.S., Somoano, R., Khanna, S.K., Rembaum, A. Stability of polyacetylene films 1-16620
- Yen, W.L. see Bartel, W. 1-18500, 1-45253, 1-45254
- Yen, W.L. see O'Neill, L.H., Jr. 1-50443
- Yen, W.M. see Pellegrino, J.M. 1-43141
- Yen, W.M. see Quimby, R.S. 1-8039
- Yen Tung-Sheng Research on the fabrication of some ceramic materials and their performance in energy conversion simulation systems 1-17194
- Yen Yin-Chao see Yin-Chao Yen
- Yen-Bower, E. Lue see Lue Yen-Bower, E.
- Yen-kwei Pien see Pien Yen-kwei
- Yen-Ping Shih see Sun-Yuan Tsay 1-24804
- Yench, A.J., Ozaki, Y., Kondow, T., Kuchitsu, K. Analysis of anomalous vibrational and rotational distributions in the $CN(B^2\Sigma^-)$ state produced in the reaction of $Ar(P_{02})$ metastables with $BrCN$ 1-10706
- Yenin, V.N., Kuznetsov, V.F. The nonsensitive zone of a laser angular velocity sensor 1-27937
- Yentis, D. see Skinner, G.K. 1-17906
- Yentis, D. see Ulmer, M.P. 1-54640
- Yentsis, D.J. see Mulson, S.L. 1-36381
- Yentsch, C.S. see Hovis, W.A. 1-54282
- Yeo, Y.K., Pedrotti, F.L., Park, Y.S. Modification of the amphoteric activity of Ge implants in GaAs by dual implantation of Ge and As 1-38395
- Yeo, Y.K. see Choe, B.D. 1-7202
- Yeo, Y.K. see Pedrotti, F.L. 1-38394
- Yeoman, M.L. see Drain, L.E. 1-2116
- Yeomans, J.M., Stinchcombe, R.B. Critical properties of the mixed ising ferromagnet 1-7869
- Yeomans, J.M. see Huse, D.A. 1-34891
- Yeon-Fuh Jiang see Shou-Yih Wang 1-6703
- Yeong Der Yao Anisotropy of magnetoresistivity of Ni-rich Ni-Cu and Ni-Si alloys 1-7586
- Yeong Der Yao, Shui Tien Lin Electrical resistivity and crystallization of metallic glasses $Fe_{64}B_{16}$ and $Fe_{64}B_{16}Si_2$ 1-7576
- Yeong Der Yao Lin see Jin Yan Lin 1-7830
- Yeow, Y.T. Creep rupture behavior of unidirectional advanced composites 1-21583
- Yeow, Y.T. see Alam, M.K. 1-8703
- Yermenko, S.I., Budker, V.G., Bekker, Zh.M. Change in the surface charge density of mitochondria and submitochondrial particles on energization 1-39898
- Yeremin, A.N., Metelitsa, D.I., Usanov, S.A., Akhrem, A.A. Thermal inactivation of cytochrome P-450 1-35754
- Yergakov, V.S., Moiseyev, M.A. A cyclotron-resonant-maser mixer with low-frequency modulation of the electron beam 1-10950
- Yerges, J.F. see Bollinger, J.G. 1-41919
- Yermachenko, V.M. see Vesyevyev, I.V. 1-33770
- Yermakov, V.A. see Genshaft, Yu.S. 1-13429
- Yermishkin, V. see Novikov, I.I. 1-2449, 1-2450
- Yerokhin, A.V. see Badulin, N.N. 1-36040
- Yeroshenko, Ye.A. see Belov, A.V. 1-4726
- Yeroshin, Ya. see Yakhnov, Yu.L. 1-29756
- Yeshurun, Y., Salamon, M.B., Rao, K.V., Chen, H.S. Spin-glass-ferromagnetic critical line in amorphous Fe-Mn alloys 1-7839
- Yeske, R. see Clark, E.A. 1-25550
- Yeske, R.A. see Schuster, G.B.A. 1-16877
- Yester, M.V., Barnes, G.T., King, M.A. Kilovoltage bootstrap sensimetry 1-17487
- Yeter, B. see Gunduz, G. 1-39373
- Yeung, J.A. see Au Yeung, J.
- Yeung, K.L.K. see Tseung, A.C.C. 1-39650
- Yeung, M.R., Wolf, L. Multi-cell slug flow heat transfer analysis for finite LMFBF bundles 1-23724
- Yeung, M.R., Wolf, L. Evaluation of conduction mixing lengths for subchannel analysis of finite LMFBF bundles 1-23738
- Yevdokimova, L.V., Ivanov, K.G. Weak geomagnetic disturbances during the passage of the Earth along the shock layer of an isolated flare flux 1-22621
- Yevseyev, I.V., Yermachenko, V.M. Nonlinear spectroscopy of resonant levels by the photon-echo technique 1-33770
- Yevstuykhin, A.E. see Kokhtev, S.A. 1-7374
- Yevsyukov, Yu.D. The fundamental features of the geomorphology of the Malta escarpment 1-4493
- Yevsyukov, Yu.D. see Malovitskiy, Va.P. 1-4494
- Yevtodienco, Yu.V. see Lalev, Yu.N., A.I. 1-35756
- Yi, K.S., Quinn, J.J., Halevy, P. Magnetoplasma surface waves of a degenerate semiconductor in the Faraday geometry: effect of the presence of a metallic screen 1-34732
- Yi Pei-rong, Zhou Bing-tai Analysis on the stability of the JYD system of the pole coordinates 1-40036
- Yi Sun-sheng see Wu De-hai 1-53209
- Yi-bi Yang see Yang Yi-bi

- Yi-Chen Cheng** Excitation spectrum of a supersolid 1-34543
- Yi-Cheng Liu** see Liu Yi-Cheng
- Yi-Cheng Xie** see Xie Yi-Cheng
- Yi-feng Chou** see Chou Yi-feng
- Yi-gui Li** see Li Yi-gui
- Yi-Jing Do** see Do Yi-Jing
- Yi-ming Gu** see Gu Yi-ming
- Yi-Ming Liu** see Liu Yi-Ming
- Yi-Qian Deng** see Deng Yi-Qian
- Yi-shi Duan** see Duan Yi-shi
- Yi-sui Sun** see Sun Yi-sui
- Yi-Yan, A.**, Wilkinson, C.D.W., Laybourn, P.J.R. Two-dimensional grating unit cell demultiplexer for thin-film optical waveguides 1-15284
- Yi-Yan, A.**, Wilkinson, J.A.H., Wilkinson, C.D.W. Optical waveguide filters for the visible spectrum 1-24479
- Yi-zhong Zhuo** see Zhuo Yi-zhong
- Yian-Guo Li** see Li Yian-Guo
- Yie-tao Wang** see Wang Yie-tao
- Yiftah, S.** see Caner, M. 1-14528
- Yigang Zhou** see Zhou Yigang
- Yih-Shun Guo**, Chien-Shine Chung, Chi Chow, T. Properties of zero-field resonant modes in Josephson junctions 1-34832
- Yijia Zheng** see Zheng Yijia
- Yildiz, A.** see Claudson, M. 1-10130, 1-14317
- Yildiz, A.** see Claudson, M. 1-18418
- Yilmaz, H.** Experiments in quantum gravity 1-9908
- Yilmaz Esin, F.** Absorption and density gradients in the direction of Cygnus 1-32747
- Yin, C.** see Conrad, H. 1-39430
- Yin, M.T.** see Ihm, J. 1-52246
- Yin, S.**, Tosatti, E. Core level shifts of group IV semiconductors and semimetals 1-47037
- Yin Biquan** see Qi Lian 1-53255
- Yin Dao-le** see Zhang Li-yuan 1-3031
- Yin Lo I** see Lo I Yin
- Yin Peng-cheng**, Su Ru-keng, Xu Zi-xing The string particular solutions of $SU(2)$ gauge fields 1-23406
- Yin Peng-cheng** see Li Sin-zhou 1-50302
- Yin Qifeng**, Fang Lizhi A possible interpretation of retard evolutions of solar active regions 1-27452
- Yin Qing-Rui** see Wang Yong-Ling 1-15355
- Yin You-quan** see Wang Ren 1-4427
- Yin-Chao Yen** Free convection heat transfer characteristics in a melt water layer 1-37931
- Yin-cheng Lu** see Lu Yin-cheng
- Yin-liang Huang** see Huang Yin-liang
- Yin-mo Chuang** see Chuang Yin-mo
- Ying, S.C.** see Bloss, W.L. 1-47728, 1-52509
- Ying, S.C.** see Bohnen, K.-P. 1-3039
- Ying, S.C.** see Houghton, A. 1-33110
- Ying, S.P.**, Dennison, E.E. Application of coherence technique for noise in power plants 1-37745
- Ying Chong-Fu**, Li Ming-xian, Zhong Gao-qi, Liu Xian-duo, Yang Yu-rui A scheme to control the first-second cycle amplitude ratio of transducers for ultrasonic measurements 1-46647
- Ying-Shan Yang**, Wang, C.Y., Chen, X.H., Wang, Z.C. A new magnetic alloy of high constant permeability 1-7887
- Ying-xiang Guo** see Guo Ying-xiang
- Ying-Xuan Chen** see Chen Ying-Xuan
- Yinqin Xie** see Xie Yinqin
- Yingzhong Lu** Alternative nuclear strategy and the role of HTGRs 1-878
- Yinnon, A.T.**, Minglegrin, U., Gerger, R.B. Dynamics of molecular scattering from stepped surfaces 1-39202
- Yinnon, A.T.** see Gerber, R.B. 1-3554, 1-24211
- Yinnon, H.**, Cooper, A.R., Jr. Oxygen diffusion in multicomponent glass forming silicates 1-42569
- Yinnon, H.** see Klein, L.C. 1-22341
- Yinting Li** see Li Yinting
- Yiou, F.** see Raisbeck, G.M. 1-32468
- Yiou, T.P.** see Aston, D. 1-14399, 1-45297, 1-50442
- Yip, G.L.** see Masuda, M. 1-11071
- Yip Kwok-leung** see Kwok-leung Yip
- Yixian Fu** see Fu Yixian
- Ylinen, P.** see Jakkula, P. 1-27315
- Ylinen, P.** see Niikilo, L. 1-25232
- Ympolskii, A.D.** see Sokolov, V.A. 1-44200
- Yndurain, F.J.** see Gonzalez-Arroyo, A. 1-10143, 1-23478
- Yngve, S.** see Froman, N. 1-122
- Yntema, J.L.** see Billquist, P.J. 1-23917
- Yochheim, E.D.**, Hicks, J.H., Frederick, K.F. Radiochemistry experience at TMI-2 1-18794
- Yock, P.C.M.** Production of abnormal states of subnuclear matter 1-33160
- Yock, P.C.M.** Further evidence for heavy particles in the cosmic radiation 1-54336
- Yocom, T.A.**, Schonbach, K.H., Dougal, R.A., Gundersen, M.A., Williams, P.F. A study of selective absorbers for single-mode operation of CO₂ TEA lasers 1-19389
- Yocom, T.A.** see Dougal, R.A. 1-51512
- Yoda, K.** see Irie, T. 1-19609
- Yoder, P.R., Jr.**, Casas, R.E. Specifying the optical system with an optical design data sheet 1-46532
- Yodh, G.B.** see Ellsworth, R.W. 1-44400, 1-49466
- Yodoshi, K.** see Takahashi, T. 1-31450
- Yoffa, E.J.** Screening of hot-carrier relaxation in highly photoexcited semiconductors 1-47666
- Yoffe, J.A.** Hydrocarbon long-range interaction coefficients from point charge model formulae 1-14977
- Yoffe, J.A.**, Maggiora, G.M. The London approximation and the calculation of dispersion interactions as a sum of atom-atom terms 1-29077
- Yoffe, J.A.** see Amos, A.T. 1-29082
- Yoganarasimhan, S.R.** Thermal decomposition of zinc hydroxide azide 1-48678
- Yoganarasimhan, S.R.**, Jagga, C.R. Thermal decomposition of γ -irradiated zinc hydroxide azide 1-48679
- Yogev, A.** see Glatt, I. 1-31840
- Yogi, T.**, Kawamura, K. Raman spectrum of superoxide ion in molten state 1-28973
- Yogi, T.**, Mercereau, J.E. Microwave surface resistance of Nb films 1-52721
- Yogo, H.**, Mori, T. Feature extraction of vowels by fast Walsh-Hadamard transform and their recognition with learning algorithm 1-37713
- Yogurtcu, Y.K.**, Abey, A.E., Miller, A.J., Saunders, G.A. Higher order elastic properties of some zinc blende and rocksalt semiconductors 1-34396
- Yogurtcu, Y.K.**, Lambson, E.F., Miller, A.J., Saunders, G.A. An apparatus for high precision measurements of ultrasonic wave velocity 1-24633
- Yogurtcu, Y.K.**, Miller, A.J., Saunders, G.A. Elastic behaviour of YAG under pressure 1-34428
- Yogurtcu, Y.K.**, Miller, A.J., Saunders, G.A. Pressure dependence of elastic behaviour and force constants of GaP 1-34341
- Yogurtcu, Y.K.** see Saunders, G.A. 1-47143
- Yoh, J.K.** see Ito, A.S. 1-45373
- Yok Siang Oei** see Brodovsky, H. 1-8279
- Yokobori, A.T., Jr.** see Yokobori, T. 1-26589
- Yokobori, H.** see Nishimura, T. 1-28708
- Yokobori, T.**, Sakata, H. Studies on crack growth rate under high temperature creep, fatigue and creep-fatigue interaction. I. On the experimental studies on crack growth rate as affected by $\sqrt{a_0\sigma_0}$ and temperature 1-26588
- Yokobori, T.**, Sakata, H., Yokobori, A.T., Jr. Studies on crack growth rate under high temperature creep, fatigue and creep-fatigue interaction. II. On the role of fracture mechanics parameter $\sqrt{a_0\sigma_0}$ 1-26589
- Yokobori, T.**, Sakata, H., Yokobori, T., Jr. A new parameter for prediction of creep crack growth rate at high temperature 1-25364
- Yokobori, T.** see Ivanova, V.S. 1-35363
- Yokobori, T.**, Jr. see Yokobori, T. 1-25364
- Yokoi, H.** see Ito, K. 1-13298
- Yokoi, K.** Two carrier mobilities in anthracene crystals 1-20728
- Yokoi, K.**, Ohba, Y. Temperature dependence of the delayed fluorescence lifetime in anthracene crystals with triplet exciton traps 1-26254
- Yokoi, K.** see Miyaji, S. 1-54535
- Yokoi, M.** see Takahagi, T. 1-19500
- Yokoi, Y.** see Nagata, M. 1-15700
- Yokoishi, S.**, Saito, H. Effect of heat-treatments for precipitation of ZrO_2 on transparency of glass-ceramics in the $ZnO-Al_2O_3-SiO_2$ system. II. Studies on crystallization of $ZnO-Al_2O_3-SiO_2$ glasses 1-16824
- Yokoishi, S.**, Saito, H. Transformation of metastable tetragonal ZrO_2 precipitated in $ZnO-Al_2O_3-SiO_2$ glasses. III. Studies on the crystallization of $ZnO-Al_2O_3-SiO_2$ glasses 1-25181
- Yokokawa, H.**, Kleppa, O.J. Thermodynamic properties of liquid cesium-cesium halide mixtures at 925K 1-30395
- Yokokawa, T.** see Ichinose, J. 1-11885
- Yokokura, K.**, Fujisawa, N., Toyosima, N., Matsuzaki, Y. Vacuum system for the JFT-2 Tokamak 1-27999
- Yokokura, K.** see Sakamoto, Y. 1-29922, 1-29941
- Yokokura, T.** see Matsui, T. 1-36227
- Yokomizo, H.** see Nagami, M. 1-15637
- Yokomizo, O.**, Sumida, I., Motoda, H. Development of a time-domain BWR core stability analysis program 1-14668
- Yokoo, Y.** see Ushio, K. 1-33188
- Yokosawa, K.** see Kawarada, H. 1-26903
- Yokosawa, M.**, Sakashita, S. Relativistic hydrodynamics of a free expansion and a shock wave in one-dimension. Super-light expansion of extragalactic radio sources 1-13870
- Yokoshima, I.**, Uchiyama, F. HF magnetic field standard 1-36708
- Yokota, H.** see Tanaka, S. 1-11124
- Yokota, J.** see Ushida, N. 1-546
- Yokota, M.**, Hara, A., Ohata, M., Mitani, H. Infiltration process of liquids into porous bodies 1-11960
- Yokota, M.**, Harada, R., Mitani, H. Interdiffusion in the Ni-Mn-Cu ternary alloy system at 1173K 1-7397
- Yokota, M.**, Moto-oka, N., Hara, A., Mitani, H. Some considerations on the process of penetration of liquids into capillary tubes 1-11959
- Yokota, M.**, Nose, M., Mitani, H. Interdiffusion in β and γ phases of the Cu-Sn binary alloy system 1-2708
- Yokota, M.**, Tamati, T. On semantic interpretation of weather report based on language-picture correspondence 1-4601
- Yokota, M.** see Taniguchi, R. 1-54230
- Yokota, M.** see Watanabe, Y. 1-53840
- Yokota, R.** Relationship between photoelastic constant of glass and structure of glass 1-31125
- Yokota, R.** see Kambe, H. 1-48545
- Yokota, R.** see Kojima, T. 1-35063
- Yokota, T.**, Kinoshita, H., Uyeda, S. New DSDP (Deep Sea Drilling Project) downhole temperature probe utilizing IC RAM (memory) elements 1-44314
- Yokota, Y.** see Ohuchi, T. 1-9114
- Yokoyama, A.**, Oda, T., Horie, H. Effect of neutron excitations on the strength distributions for single-proton transfer reactions on the N=28 nuclei 1-41124
- Yokoyama, C.** see Ushida, N. 1-546
- Yokoyama, G.** see Isshiki, Y. 1-38832
- Yokoyama, I.** see Ohkoshi, I. 1-25459, 1-47256
- Yokoyama, K.**, Takeda, M., Monda, M. Gauge covariance in non-Abelian gauge theories 1-33101
- Yokoyama, K.** see Fukuda, T. 1-14230
- Yokoyama, K.** see Yumi, S. 1-44077
- Yokoyama, M.**, Inoue, K., Kobori, F. An improvement of homomorphic prediction in speech analysis 1-41927
- Yokoyama, M.**, Kitagawa, Y., Tsuda, I., Yamada, Y., Ishizaki, A. Diagnostics of dense plasma focus by ruby laser holography 1-19976
- Yokoyama, S.**, Hirose, M., Osaka, Y. Electron spin resonance in discharge-produced silicon nitride 1-42994
- Yokoyama, S.**, Hirose, M., Osaka, Y. Optical emission spectroscopy of the SiH_4-NH_3 plasma during the growth of silicon nitride 1-46938
- Yokoyama, S.**, Hirose, M., Osaka, Y., Sawada, T., Hasegawa, H. Internal photoemission in the anodic oxide/GaAs interface 1-47748
- Yokoyama, S.**, Kajihara, N., Hirose, M., Osaka, Y., Yoshihara, T., Abe, H. Characterization of plasma-deposited silicon nitride films 1-16391
- Yokoyama, T.**, Suzuki, H., Mukai, J. The effects of heat treatment on dissipation factors of silicone rubber 1-3795
- Yokoyama, T.**, Umemiya, H., Teraoka, T., Watanabe, H., Katsuragi, K., Kasahara, K. Seasonal regeneration through underground strata 1-17308
- Yokoyama, T.** see Miura, K. 1-42393
- Yokoyama, T.** see Otofujii, Y. 1-40052
- Yokoyama, Y.**, Okada, Y., Tsuchida, T. Precise measurement and standard value of lattice constant of substrate $Gd_3Ga_2O_7$ for magnetic bubble domain device 1-2399
- Yokoza, O.** see Sato, J. 1-9182
- Yokozeki, A.** see DeLeon, R.L. 1-1212
- Yoksas, T.** Photometric investigations of precipitable water and optical depth wavelength exponents in an urban area 1-22423
- Yokubo, T.** see Saito, K. 1-8560
- Yoldas, B.E.** Microstructure of monolithic materials formed by heat treatment of chemically polymerized precursors in the $Al_2O_3-SiO_2$ binary 1-3788
- Yoldas, B.E.** Diffusion of dopants from optical coatings and single step formation of antireflective coating and p-n junction in photovoltaic cells 1-34360
- Yole, R.W.**, Irving, E. Displacement of Vancouver Island: paleomagnetic evidence from the Karmutsen Formation 1-40107
- Yolton, C.F.** see Froes, F.H. 1-48513
- Yon-tov, Z.** see Elias, E. 1-23185
- Yon Won Ho** see Soltzberg, L.J. 1-47223
- Yoneda, F.** see Yamaguchi, H. 1-46005
- Yoneda, N.**, Ito, S., Katoh, I. Effect of binder materials (PVA and starch) on the formation of duplex structure in sintered $Mn_0.3Zn_0.7Fe_2O_4$ 1-3754
- Yoneda, N.** see Ito, S. 1-3586
- Yoneda, T.** see Ando, K. 1-893
- Yonchata, A.** see Miyamoto, T. 1-36078
- Yoneli, T.** see Tange, H. 1-47922
- Yonekura, Y.** see Minato, K. 1-35883
- Yonemitsu, K.** see Hiramine, M. 1-25704
- Yonemochi, G.** see Okuo, T. 1-17224
- Yonemura, M.** Holographic measuring method of in-plane deformation by use of fringe-visibility 1-1531
- Yonemura, M.** Geometrical theory of fringe localization in holographic interferometry 1-15096
- Yonemura, Y.** see Sakakibara, M. 1-25245, 1-28969
- Yonenaga, I.** see Sumino, K. 1-48420
- Yoneoka, T.**, Igarashi, T., Yamawaki, M., Kanno, M. High temperature oxidation of vanadium at $P_{O_2}=0.133$ and 1.33 Pa 1-26666

- Yoneoka, T., Yamawaki, M., Kanno, M. Oxidation behaviour of vanadium at high temperatures at $P_{O_2}=1.33 \times 10^{-1} \sim 1.33 \times 10^2$ Pa and the comparison with those obtained at $P_{O_2}=0.133 \sim 133$ Pa 1-31742
- Yonetani, S., Hirose, H. Residual stress of injection molded thermoplastics 1-3690
- Yonetani, T. see Hori, H. 1-21982
- Yoneyama, H. see Arifuku, F. 1-35543
- Yoneyama, T. see Shiota, T. 1-1693
- Yoneyawa, Y. Relief image by electrophotography and its applications 1-18312
- Yoneyawa, F. Ward identity and effective medium approximation for conductivity of liquid metals 1-7580
- Yoneyawa, F. Anderson localization in two-dimensional systems 1-12057
- Yoneyawa, F. Transport properties of liquid non-simple metals 1-30693
- Yoneyawa, F. What is implied by the word 'amorphous'? 1-42303
- Yoneyawa, F. see Cohen, M.H. 1-42724, 1-52473
- Yoneyawa, F. see Ishida, Y. 1-25618
- Yoneyawa, M. see Kamo, H. 1-50457
- Yoneyawa, M. see Matsuda, M. 1-33196
- Yoneyawa, S. see Yamakawa, K. 1-43480
- Yoneyawa, T. see Kawamura, T. 1-33381
- Yoneyawa, T. see Nakatsuji, H. 1-6135
- Yoneyawa, T. see Ohta, K. 1-1129
- Yonezu, H. Semiconductor lasers: the key to future technological innovation 1-11016
- Yong Chen see Chen Yong
- Yong Kim Kee see Kee Yong Kim
- Yong Moon Park see Frohlich, J. 1-44836
- Yong Oh Se see Se Yong Oh
- Yong Zuo You see Jae Hyun Oh Oxidation kinetic study of stibnite. II 1-35409
- Yong Zuo You see Jae Hyun Oh 1-35408
- Yong-bo She see She Yong-bo
- Yong-en Cai see Cai Yong-en
- Yong-hong Li see Li Yong-hong
- Yong-hua Zheng see Zheng Yong-hua
- Yong-jia Qian see Qian Yong-jia
- Yong-Ling Wang see Wang Yong-Ling
- Yong-Nian Gu see Gu Yong-Nian
- Yong-Se Kwon see Se-Ho Oh 1-53312
- Yong-sheng Wu see Wu Yong-sheng
- Yong-shi Wu see Wu Yong-shi
- Yong-Shun Yang see Duan Feng 1-15217
- Yong-Tai Zhu see Zhu Yong-Tai
- Yong-xian Liu see Liu Yong-xian
- Yong-Zhi Sun see Sun Yong-Zhi
- Yonglong Dai see Dai Yonglong
- Yongzheng Liu see Liu Yongzheng
- Yongzheng Hui see Hui Yongzheng
- Yoo, M.H. A dislocation model for twinning and fracture and its application to HCP metals 1-20209
- Yoo Kwang-Bock see Kwang-Bock Yoo
- Yoon, C.H. see Scheinbeim, J.I. 1-12467, 1-52898
- Yoon, D.Y., Flory, P.J. Molecular morphology in semicrystalline polymers 1-38299
- Yoon, D.Y. see Herchenroder, P. 1-31103
- Yoon, K., Ghi Chae, D., Ree, T., Ree, F.H. Computer simulation of a grand canonical ensemble of rodlike molecules 1-44846
- Yoon, T.S. see Ushida, N. 1-546
- Yoon, T.-S. see Dankowycz, J.A. 1-50460
- Yoon Byung-Ha see Byung-Ha Yoon
- Yoon Duk N. see Duk N. Yoon
- Yoon Ghoon Gil see Ghoon Gil Yoon
- Yoon Kim Byoung see Byoung Yoon Kim
- Yoon Young Ku see Young Ku Yoon
- Yor, M. see Pittman, J.W. 1-32909
- Yordanov, C.P. see Toneva, A. 1-16305
- Yordanov, D. A note on the Rossby similarity of a nonstationary atmospheric boundary layer 1-4556
- Yordanova, I., Apostolov, A., Kostova, M. Effect of the microstructure uniformity on the texture of deformed metals 1-16799
- Yorizane, M., Yoshimura, S., Masuoka, H., Funada, I. Phase behavior of three hydrogen-containing ternary systems 1-47216
- York, D. see Berger, G.W. 1-40050
- York, D.G. see Ferlet, R. 1-44604
- York, D.G. see Songaila, A. 1-49754
- York, J.W., Jr. see Choquet-Bruhat, Y. 1-18093
- York, T.M., Wu, C.-I., Lai, T.W.-K. Electron collection by blunt probes in the lower ionosphere 1-17752
- Yorka, S.B. see Wing, R.F. 1-54485
- Yorke, E.D. see Merajver, S.D. 1-48753
- Yoro, H. see Fujiwara, I. 1-5158
- Yoshida, A. see Arikawa, K. 1-32185
- Yoshida, F. Dynamical coupling in simple molten salts 1-42274
- Yoshida, F., Takeno, S., Yasuhara, H. Local-field correction and dynamical structure factor of electron liquids 1-2895
- Yoshida, H., Masuda, H., Iino, K. Model simulation of particle motion in turbulent gas-solid pipe flow 1-19788
- Yoshida, H. see Ferrer, A. 1-50463
- Yoshida, H. see Kurasawa, T. 1-6064
- Yoshida, H. see Kawai, T. 1-40697
- Yoshida, H. see Nakajima, Y. 1-7077
- Yoshida, H. see Shikama, T. 1-16971, 1-39581, 1-48585
- Yoshida, H. see Suzuki, N. 1-25039
- Yoshida, K. Transport of spatially inhomogeneous current in a compensated metal under magnetic fields. III. A case of bismuth in longitudinal and transverse magnetic fields 1-2944
- Yoshida, K. Adsorption of H_2 on (110), (111) and stepped (111) iron single crystal surfaces 1-11975
- Yoshida, K., Furui, Y., Sentsui, S., Kuroha, T. Loss factors in optical fibers 1-33819
- Yoshida, K., Shibuya, S., Kokura, K., Sentsui, S., Kuroha, T., Nakahara, M., Inagaki, N. Ultrawide bandwidth optical fibers fabricated by VAD method 1-11198
- Yoshida, K., Tada, E., Koizumi, K., Hiyama, T., Shimamoto, S. Mechanical study on the Japanese test coil for the Large Coil Task 1-45724
- Yoshida, K. see Arai, S. 1-50999
- Yoshida, K. see Endo, Y. 1-1213
- Yoshida, K. see Empuku, K. 1-7776, 1-42911
- Yoshida, K. see Iwaki, M. 1-43539
- Yoshida, K. see Kameyama, H. 1-18185
- Yoshida, K. see Kato, Y. 1-46367
- Yoshida, K. see Kimura, T. 1-11208
- Yoshida, K. see Nishi, T. 1-50660
- Yoshida, K. see Nishimura, M. 1-11210
- Yoshida, K. see Sentsui, S. 1-11205
- Yoshida, K. see Suda, S. 1-4070, 1-20698
- Yoshida, K. see Tanabe, F. 1-33333
- Yoshida, K. see Tanaka, H. 1-31539
- Yoshida, M. Components of chemical reactions in solids 1-1206
- Yoshida, M. General theory of phosphorus and arsenic diffusions in silicon 1-47296
- Yoshida, M., Clark, A.F., Swanson, P.D. Discrete resistance changes in thin lipid membranes 1-21989
- Yoshida, M. see Nakamura, K. 1-8094
- Yoshida, M. see Nakasa, K. 1-26604
- Yoshida, M. see Ohno, N. 1-8126, 1-12488
- Yoshida, M. see Shimomura, K. 1-38998
- Yoshida, N. Tracer diffusion of small ions in a salt-free polyelectrolyte solution 1-21730
- Yoshida, N., Fukui, I., Fukuoaka, J. Transient analysis of three-dimensional electromagnetic fields by nodal equations 1-19240
- Yoshida, N. see Ihara, M. 1-15879
- Yoshida, S. Efficiencies of solar selective absorbers 1-21898
- Yoshida, S. Antireflection coatings on metals for selective solar absorbers 1-21900
- Yoshida, S. Efficiency of Drude mirror type selective transparent filters for solar thermal conversion 1-21907
- Yoshida, S., Misawa, S. Selective solar absorbers produced by optical multilayer coatings 1-21899
- Yoshida, S., Misawa, S. Selective transparent filters produced by optical multilayer coatings 1-21909
- Yoshida, S., Mitsui, K., Oda, T., Shirahata, K. High efficiency AlGa_{0.5}As-GaAs solar cells with high open-circuit voltage and high fill factor 1-13124
- Yoshida, S., Nakayama, Y. Measurements of the emittance of solar selective absorbers 1-21906
- Yoshida, S., Shinoki, F., Ohnata, Y. Sputtered In₂O₃ films for selective transparent films 1-21908
- Yoshida, S. see Kobayashi, H. 1-2821
- Yoshida, S. see Misawa, S. 1-21901
- Yoshida, S. see Mizumoto, Y. 1-53880
- Yoshida, S. see Nakamura, H. 1-22072
- Yoshida, S. see Senzaki, F. 1-21903
- Yoshida, S. see Shinoki, F. 1-20882, 1-21284
- Yoshida, T., Nakajima, K. Behavior of S_2^{2-} species in molten sodium polysulfide 1-48696
- Yoshida, T., Saito, A., Kobayashi, M., Sakai, K., Fujita, S. Stark effect in CH₃OH submillimeter lasers 1-46302
- Yoshida, T. see Kondo, H. 1-363
- Yoshida, T. see Ogata, S. 1-24867
- Yoshida, Y., Motizuki, K. Electron lattice interaction and lattice instability of 1T-TiSe₂ [band structure calculation] 1-7517
- Yoshida, Y. see Hotate, K. 1-24499
- Yoshida, Y. see Otoguchi, M. 1-48379
- Yoshihara, A., Anderson, A., Aziz, R.A., Lim, C.C. Brillouin scattering and refractive index measurements on low temperature liquids. II. CF₄, CF₃Cl, CF₂Cl₂, CFCI₃ and CCl₄ 1-6266
- Yoshihara, H., Mori, H., Kiuchi, M. SiC synthesis by a plasma deposition process 1-43277
- Yoshihara, K., Aida, T. Equivalent circuits model for transmitter release at neuromuscular junction 1-39907
- Yoshihara, K., Kitade, A., Okada, K. Far infrared spectroscopy by Fabry-Perot interferometer. III 1-45037
- Yoshihara, K., Kitade, A.T. Some theoretical aspects of Fabry-Perot spectroscopy 1-10021
- Yoshihara, K. see Nakamura, H. 1-33517
- Yoshihara, K. see Nakashima, N. 1-10775, 1-26758, 1-29144
- Yoshihara, S. see Yoshikawa, A. 1-31358
- Yoshihara, T. see Ishikawa, K. 1-14909
- Yoshihara, T. see Wada, N. 1-10743
- Yoshihara, T. see Yokoyama, S. 1-16391
- Yoshii, K. see Miyagi, T. 1-43798
- Yoshii, S. see Ohmura, Y. 1-48199
- Yoshii, S. see Takigawa, T. 1-26354
- Yoshii, T. Simple FM recording system for seismic observation 1-49433
- Yoshii, T., Mori, K., Kimura, T. Accurate detection method for the position of the magnetic body by the measurement of magnetic field gradients and total force 1-33010
- Yoshii, T. see Asano, S. 1-4474
- Yoshii, T. see Kaneda, Y. 1-4453
- Yoshii, Y., Sabano, Y. Fragmentation of cosmic gas clouds due to thermal instabilities 1-54597
- Yoshiie, T., Iwanaga, H., Yamaguchi, T., Shibata, N. Effect of an electric field on the polarity of growth direction in CdSe and ZnO crystals 1-52097
- Yoshiie, T. see Iwanaga, H. 1-3584, 1-53066
- Yoshikawa, A., Yamaga, S., Kasai, H., Nishimaki, M. A computer analysis of CdS-InP heterostructure solar cells 1-8720
- Yoshikawa, A., Yamaga, S., Kasai, H., Nishimaki, N. Analysis of external conversion efficiency of heterostructure solar cell with ultrathin window layer 1-26834
- Yoshikawa, A., Yoshihara, S., Kasai, H., Nishimaki, M. A new apparatus for multilayer growth by chemical vapor deposition: The sliding-boat close-space technique 1-31358
- Yoshikawa, K. see Ishikawa, T. 1-3834
- Yoshikawa, K. see Yabe, T. 1-42804
- Yoshikawa, M., Sorai, M., Suga, H., Seki, S. New finding of a magnetically ordered phase in a five-coordinated iron(III) complex with spin $S=3/2$, bromobis(n,n-diethyldithiocarbamate)iron(III) 1-30945
- Yoshikawa, M., Sorai, M., Suga, H., Seki, S. Heat capacity and phase transition of a five-coordinated antiferromagnet, iodosbis(N,N-diethyldithiocarbamate)iron(III), in the temperature range from 0.4 to 300K 1-30951
- Yoshikawa, M., Suzuki, N., Suzuki, T. Photoelectron counting statistics of laser light scattered by very dilute solution 1-51371
- Yoshikawa, M. see Ohswa, A. 1-25298
- Yoshikawa, S., Saneyoshi, J. Feedback excitation mechanism in organ pipes 1-19521
- Yoshikawa, S. see Kimura, T. 1-8004
- Yoshikawa, S. see Suzuki, A. 1-15350
- Yoshikawa, S. see Temmyo, J. 1-24641, 1-51681
- Yoshikawa, S. see Ueki, M. 1-19541
- Yoshikawa, T., Yamaguchi, T., Sugawara, M., Ogawa, K., Ohse, S., Suma, K. Electromagnetic flow probes for the measurement of mitral flow 1-13306
- Yoshikawa, T. see Yamaguchi, T. 1-39958
- Yoshikawa, Y. see Ito, K. 1-13298
- Yoshiki, H. see Utsuro, M. 1-18709
- Yoshikiyo, H. see Matsuda, A. 1-3101
- Yoshimi, H. see Ito, M. 1-45692
- Yoshimi, T., Sakai, H., Tanaka, K. Analysis of hydrogen content in plasma silicon nitride film 1-13054
- Yoshimine, M. see Liu, B. 1-41324
- Yoshimitsu, K. see Matsubara, T. 1-8012
- Yoshimitsu, K. see Matsushita, E. 1-34994
- Yoshimori, A., Inagaki, S. Fourth order interaction effects on the antiferromagnetic structures. II. A phenomenological model for NiS₂ 1-52749
- Yoshimori, A. see Hase, I. 1-52750
- Yoshimoto, F. see Fujimori, I. 1-12351
- Yoshimoto, I., Maruyama, K., Ohmura, K. Automatic measurement of crew lead by laser interferometer and optical feeder 1-33044
- Yoshimura, H.R. see May, R.A. 1-41208
- Yoshimura, H.R. see Rack, H.J. 1-861
- Yoshimura, J. see Nagaishi, T. 1-26731
- Yoshimura, M. Low energy parameters in grand unified theories 1-478
- Yoshimura, M. Decoupling of superheavy particles in grand unified theories 1-10121
- Yoshimura, M. Question of flavor mixing in nucleon decay 1-45276
- Yoshimura, M. see Kamiya, S. 1-20155
- Yoshimura, M. see Kato, T. 1-26437
- Yoshimura, M. see Kuribayashi, K. 1-39324
- Yoshimura, M. see Yanagida, T. 1-18414, 1-45177
- Yoshimura, S. see Yorizane, M. 1-47216
- Yoshimura, T. see Kiyota, K. 1-24468
- Yoshimura, Y. see Suzuki, A. 1-23524
- Yoshinaga, H. see Horita, Z. 1-26551
- Yoshinaga, S. see Nagaishi, T. 1-26731
- Yoshino, K., Inuishi, Y. Electrical conduction in polymers 1-20734
- Yoshino, K., Iwasaki, Y., Uemoto, T., Yanagida, S., Okahara, M. Synthesis of ferroelectric liquid crystal and its electrical properties 1-46998
- Yoshino, K., Takahashi, R., Shirashi, M., Fujii, H., Inuishi, Y. The polarity effect of dielectric breakdown in liquid nitrogen and its dependence on pulse width 1-31089
- Yoshino, K. see Kaneto, K. 1-25715
- Yoshino, N. see Ohta, M. 1-11241

- Yoshino, T. Frequency stabilization of internal-mirror He-Ne ($\lambda=633$ nm) lasers using the polarization properties 1-19368
- Yoshino, T., Utsumi, S. Three dimensional analysis of a finite hollow cylinder subjected to axisymmetric deformations 1-46668
- Yoshino, T. see Hagiwara, K. 1-40990, 1-45328
- Yoshio, T. see Takahashi, K. 1-30059
- Yoshio Cho see Jyong Chi An 1-29294
- Yoshioka, A. see Nakanishi, K. 1-11500
- Yoshioka, D., Fukuyama, H. Charge density wave state of two-dimensional electrons in strong magnetic fields 1-12168
- Yoshioka, D., Fukuyama, H. Electronic phase transition of graphite in a strong magnetic field 1-52489
- Yoshioka, D. see Eukuyama, H. 1-7413
- Yoshioka, K., Fukunishi, K., Ogata, A. Computer aided design for plasma control of the JT-60 1-917
- Yoshioka, K., Tazima, T., Nakamura, O., Kobayashi, S. Condensate clean up control system with distributed DDC 1-50753
- Yoshioka, K. see Asaka, O. 1-42183
- Yoshioka, K. see Inohara, K. 1-50900
- Yoshioka, K. see Miyazawa, T. 1-18732
- Yoshioka, K. see Tsukishima, T. 1-19969
- Yoshioka, N., Tanaka, G., Kuwahara, T., Sato, H., Kyoto, M., Hoshikawa, M., Okamoto, K., Edahiro, T. Graded index profile formation and transmission characteristics of VAD fiber 1-11199
- Yoshioka, P., Thornton, A.R. Predicting speech discrimination from the audiometric thresholds 1-49013
- Yoshioka, S. see Hijikata, A. 1-53381
- Yoshioka, Y., Goddard, J.D., Schaefer, H.F., III. Analytic configuration interaction gradient studies of SH_4 , sulfuran 1-45862
- Yoshioka, Y., Jordan, K.D. Many-body perturbation theoretical studies of the dipole moments, polarizabilities, and electron affinities of LiF and BeO 1-33387
- Yoshisato, Y. see Yasuda, I. 1-7892
- Yoshitake, A. see Kunio, T. 1-8409
- Yoshiwa, M., Shintani, S. Operating data and its analysis in solar energy application systems 1-48910
- Yoshiyagawa, M., Kaite, Y., Ikuma, T., Kishimoto, T. Optical transmission properties of low loss-large numerical aperture glass fibers made by the double-crucible technique 1-1705
- Yoshizawa, A. An Eulerian Galilean-invariant theory for homogeneous turbulence, with application to inhomogeneous turbulence with arbitrary mean flows 1-24768
- Yoshizawa, A., Sakiyama, M. An Eulerian Galilean-invariant approach to diffusion of a passive scalar in homogeneous turbulence 1-24773
- Yoshizawa, H., Hirakawa, K., Satija, S.K., Shirane, G. Dynamical correlation functions in a one-dimensional Ising-like antiferromagnetic CsCoCl_2 : a neutron scattering study 1-52764
- Yoshizawa, H. see Tawaray, T. 1-16428
- Yoshizawa, N. see Imoto, N. 1-19444
- Yoshizawa, S. see Handa, T. 1-12787
- Yoshizawa, S. see Tanaka, T. 1-9093
- Yoshizawa, S. see Yamakawa, K. 1-43480
- Yoshizawa, T. see Iwata, T. 1-48956
- Yoshizawa, T. see Kurokawa, T. 1-15267
- Yoshizawa, Y. see Iwata, Y. 1-10344
- Yoshizawa, Y. see Koyama, K. 1-44000
- Yoshizawa, Y. see Shizuma, K. 1-8153, 1-35113
- Yoshizumi, S., Matsumoto, Y., Morita, Y., Kawachi, Y., Sano, R. Material processing machine with CO_2 laser 1-33736
- Yosim, S.J. see Dunks, G.B. 1-43547
- Yoss, K.M., Karman, R.A., Hartkopf, W.I. The space velocities of 393 G and K stars in the $+15^\circ$ selected area zones 1-40460
- Yost, W.A. see Lutfi, R.A. 1-39938
- Yost, W.T. see Cantrell, J.H., Jr. 1-37753
- Yotsuyanagi, I. see Adachi, T. 1-50454
- You Shao Shan see Shao Shan You
- You Yong Zuo see Yong Zuo You
- You Zhaojin see Hui Yongzheng 1-33058
- You-Feng Zhang see Zhang You-Feng
- You-Hua Chu, Lasker, B.M. Ring nebulae associated with Wolf-Rayet stars in the Large Magellanic Cloud 1-27598
- You-Hua Chu see Heiles, C. 1-44652
- You-Ming Li see Li You-Ming
- You-Neng Qian see Qian You-Neng
- You-peng Chen see Chen You-peng
- You-Quan Yin see Yin You-Quan
- You-Tai Zong see Zong You-Tai
- Youdels, W.V., Yang, C.S. Ti(Al, Si), compound formation in non-equilibrated Al-Ti-Si alloy 1-16769
- Youdin, M. see Rusinek, H. 1-13317
- Youfeng Zhang A composite current transformer with self-calibration uncertainty of 1×10^{-4} 1-36619
- Youn Ki Byoung see Ki Byoung Youn
- Younes, M. see Bradley, P.W. 1-22149
- Young, A., Furenlid, I. Fast time-resolution spectroscopy of BW Vulpeculae 1-40495
- Young, A. see Robbins, D.J. 1-30764
- Young, A.P. The Kosterlitz-Thouless theory of two-dimensional melting 1-7303
- Young, A.P. Phase transitions in low-dimensional systems and renormalization group theory 1-7865
- Young, A.T. Revised depolarization corrections for atmospheric extinction 1-13563
- Young, A.T. Rayleigh scattering 1-46222
- Young, A.T. see Kattawar, G.W. 1-54238
- Young, B. see Mason, J.W. 1-15708
- Young, B.J. see Welsch, G. 1-31494
- Young, C.E., Sholeen, C.M., Wagner, A.F., Proctor, A.E., Pobo, L.G., Wexler, S. Hyperthermal molecular beam scattering: K-O₂ ion/neutral product angular energy, and branching ratio analysis 1-46089
- Young, C.Y. see Pindak, R. 1-20060
- Young, C.Y. see Yao, Y.D. 1-7671
- Young, D.A., Alder, B.J. Studies in molecular dynamics. XVIII. The square-well phase diagram 1-2590
- Young, D.S. De see De Young, D.S.
- Young, D.T. see Baugher, C.R. 1-22635
- Young, E.F. A review of the spectrophotometer 1-18305
- Young, E.H., Jr., Shi-kay Yao Design considerations for acousto-optic devices 1-37601
- Young, E.R., Clark, K.C., Bennett, R.B., Houk, T.L. Measurements and parameterization of the bidirectional reflectance factor of BaSO_4 paint 1-12468
- Young, E.R., Richards, P.G., Torr, D.G. A flux preserving method of coupling first and second order equations to simulate the flow of plasma between the protonosphere and the ionosphere 1-22613
- Young, E.R., Torr, D.G., Clark, K.C. The chemistry of excited NO^+ in an aurora 1-4675
- Young, E.T. see Knacke, R.F. 1-49778
- Young, F.A. see Brown, O.S. 1-32124
- Young, F.C., Oliphant, W.F., Stephanakis, S.J., Knudson, A.R. Absolute calibration of a prompt gamma-ray detector for intense bursts of protons 1-45778
- Young, G.R., Ferguson, R.L., Gavron, A., Hensley, D.C., Obenshain, F.E., Plasil, F., Snell, A.H., Webb, M.P., Maguire, C.F., Pettit, G.A. Alpha-particle emission in deeply inelastic reactions of $204\text{-MeV } ^{18}\text{O} + ^{93}\text{Nb}$ 1-14534
- Young, G.R. see Gavron, A. 1-33270
- Young, G.R. see Horn, D. 1-45390, 1-45408
- Young, G.S., Winchester, J.W. Association of non-marine sulfate aerosol with sea breeze circulation in Tampa Bay 1-4583
- Young, H.D. see Sears, F.W. 1-49892
- Young, I.M. see Jones, G.R. 1-8005
- Young, I.M. see Whitmore, R.W. 1-34988
- Young, J. see Fitzgerald, M. 1-49097
- Young, J.A., Silker, W.B. Aerosol deposition velocities on the Pacific and Atlantic oceans calculated from ^7Be measurements 1-13513
- Young, J.D. see De Young, J.
- Young, J.F., van Driel, H.M. Optical correlator using partial diffusers 1-6489
- Young, J.H. see Brezovich, I.A. 1-40023
- Young, J.P. see Haire, R.G. 1-25235
- Young, J.R. see Manatt, S.L. 1-19113
- Young, J.S. see Freier, P.S. 1-13649
- Young, J.S. see Langer, W.D. 1-9628
- Young, J.W. see Harris, A.W. 1-4809, 1-22712
- Young, J.W. see Mills, R.L. 1-54408
- Young, J.W. see Scaltriti, F. 1-40372
- Young, K. Spectrum of absorption strengths in diffraction scattering 1-14366
- Young, K. see Chen, F.C. 1-25415
- Young, K.A., Bailey, B.J., Devanathan, T. Attenuation of sound due to bio-encapsulants in an electronic laryngeal prosthesis 1-17522
- Young, K.C., Jr., Balamuth, D.P., Lind, J.M., Zurmuhle, R.W. States in ^{20}O by use of $^{18}\text{O}(\text{t}, \text{p})$ measurements 1-45455
- Young, K.G. see Gavron, A. 1-33270
- Young, K.K. see Angelis, A.L.S. 1-10286, 1-18520, 1-28355
- Young, L. see Ahmed, M.J. 1-1721, 1-1722
- Young, L. see Chung, C.I. 1-15813
- Young, L. see Smith, D.J. 1-30828
- Young, L.G. Transmission of CO_2 in the atmosphere of Venus for the spectral region near ten micrometers 1-4804
- Young, L.L., Jr., Goodman, J.T., Carhart, R. The intelligibility of whitened and amplitude compressed speech in a multitalker background 1-4298
- Young, L.R. see Toie, J.R. 1-13341
- Young, M.L. see Astles, M.G. 1-47404
- Young, M.W., Edwards, P.A. FFTF heat transport system (HTS) component and system design 1-18727
- Young, M.Yu-Tak see Yu-Tak Young, M.
- Young, N.E., Fedor, B.J., Fedor, J., Lontai, L.M. Status of remote measurement on TFR 1-6028
- Young, N.E., Kursinczy, W., Lontai, L.M., Frankenberg, J.B. Remote handling methods development program for TFR 1-6030
- Young, P. Numerical models of star clusters with a central black hole. I. Adiabatic models 1-49740
- Young, P., Gunn, J.E., Kristian, J., Oke, J.B., Westphal, J.A. The double quasar Q0957+561 A, B: a gravitational lens image formed by a galaxy at $z=0.39$ 1-22924
- Young, P. see Schneider, D.P. 1-22831
- Young, P.G. see Arthur, E.D. 1-18654
- Young, P.L. see Borrelli, N.F. 1-46474
- Young, R. see Decker, D.L. 1-30485
- Young, R. see Harris, J.E. 1-16640
- Young, R. see Thomas, E.W. 1-26330
- Young, R.A. Structural analysis from X-ray powder diffraction patterns with the Rietveld method 1-29957
- Young, R.A. Theory of quantum-mechanical effects on the thermodynamic properties of Lennard-Jones fluids 1-52036
- Young, R.C. see Cogswell, F.N. 1-34390
- Young, R.E., Kampa, E.M., Maynard, S.D., Mencher, F.M., Roper, C.F.E. Counterillumination and the upper depth limits of midwater animals 1-49177
- Young, R.E., Mencher, F.M. Bioluminescence in mesopelagic squid: diel color change during counterillumination 1-4405
- Young, R.J., Read, R.T., Bloor, D., Ando, D. Structure and morphology of polydiacetylene single crystals 1-38304
- Young, R.J. see Read, R.T. 1-20301
- Young, R.J. De see De Young, R.J.
- Young, R.L.D. see Barr, P. 1-839
- Young, R.M. see McKenzie, D.L. 1-32674
- Young, R.P. see Cameron, D.G. 1-14184
- Young, R.S.L., Rishman, G.A. Loss of color vision and Stiles' II₁ mechanism in a patient with cerebral infarction 1-32121
- Young, R.T. see Wood, R.J. 1-2469
- Young, S.G., Deadmore, D.L. An experimental low cost silicon/aluminate high temperature coating for superalloys 1-31758
- Young, S.J., Fallside, F. Synthesis by rule of prosodic features in word concatenation synthesis 1-1783
- Young, T.R. see Johnson, C.Y. 1-4696
- Young, T.S.T., Genuario, R.D. Theoretical conversion efficiency of relativistic electron beams into ion beams in the vicinity of a target 1-6060
- Young, V. Echo studies on Cis polyacetylene 1-7518
- Young, W. see Ami, S. 1-30924
- Young, W. see Wang, S.-T. 1-48881
- Young, W.A., Mirza, M.Y., Duley, W.W. Direct and hybrid two-photon transitions in Ga vapour 1-6223
- Young, W.C., Kaiser, P., Cheung, N.K., Curtis, L., Wagner, R.E., Folkes, D.M. A transfer-molded biconic connector with insertion losses below 0.3 dB without index match 1-11156
- Young, W.H. see Hasegawa, M. 1-30290
- Young, W.H. see Hoshino, K. 1-30394, 1-30397
- Young, W.H. see Ohkoshi, I. 1-25459, 1-47256
- Young, W.R., Rhines, P.B. Rossby wave action, enstrophy and energy in forced mean flows 1-4512
- Young, W.S., Wamsley, J.K., Zarbin, M.A., Kuhar, M.J. Opioid receptors undergo axonal flow 1-53779
- Young B. Kim see In-Hoon Choi 1-12246
- Young Bing-lin see Bing-lin Young
- Young Chi-Yuh see Chi-Yuh Young
- Young Ho Kim, Dong Nyung Lee Effects of free surface on recrystallization and grain growth of aluminum 1-35272
- Young Ho Kim, Dong-Hi Lee Sintering behaviour of iron powder compacts on A_3 -cyclic heating 1-16714
- Young In Eung see Kim Eun Soo 1-29279
- Young Kim Soo see Soo Young Kim
- Young Ku Yoon see Sung-Su Kim 1-35405
- Young Lee In see In Young Lee
- Young Lee Jai see Jai Young Lee
- Young Paul Yee see Bruce, D. 1-9244
- Youngblood, D.H. see Garg, U. 1-28445
- Youngblood, G.E. see Powell, B.R., Jr. 1-25469
- Youngblood, R., Frazer, B.C., Eckert, J., Shirane, G. Neutron scattering study of the pressure dependence of short-range order in Cs_2PO_4 1-3342
- Youngblood, R.W., Axe, J.D. Polarization fluctuations in ferroelectric materials 1-34991
- Youngblood, R.W., Axe, J.D., McCoy, B.M. Fluctuations in two-dimensional six-vector systems 1-7297
- Youngdahl, C.K. Dependence of forms of elasticity solutions on boundary conditions 1-41948
- Younger, F. see Hill, G. 1-4924
- Younger, J.W. Spectroscopic observations of Nova Vulpeculae 1976 1-9516
- Younger, S.M. Electron-impact-ionization cross sections for highly ionized heliumlike atoms 1-1386
- Younger, S.M. Theoretical line strengths for the $4d^9 \text{ } ^1\text{S} - 4d^8 4f^1 \text{ } ^1\text{P}^o$ resonance transition in the palladium isoelectronic sequence 1-24068
- Younger, S.M. Distorted-wave electron-impact-ionization cross sections for highly ionized neon-like atoms 1-46137

- Younglove, B.A., McCarty, R.D. Speed-of-sound measurements for nitrogen gas at temperatures from 80 to 350K and pressures to 1.5 MPa. [Virial equation of state] 1-46846
- Youngman, C. see Brandelik, R. 1-23510, 1-23527, 1-50411
- Youngquist, R., LeBritton, J., McCal, D., Metcalf, W.J., Melissinos, A.C., Alpector, J., Borenstein, S., Kalbfleisch, G.R., Strand, R.C., Abashian, A. On the polarization of low mass dimuons produced in hadronic interactions 1-5650
- Yount, J.A. see Klos, D.B. 1-50940
- Yourgrau, W. see Janossy, L. 1-4758
- Yourgrau, W. see Treder, H.-J. 1-27690
- Yourkharibache, P. see Flament, J.P. 1-51243
- Yousef, S. Coherent effect in the preferential acceleration of relativistic solar heavy cosmic ray nuclei 1-44396
- Yousef, Y.A., McLellon, W.M., Zebuth, H.H. Changes in phosphorus concentrations due to mixing by motorboats in shallow lakes 1-4551
- Yousfi, M. see Segur, P. 1-15163
- Yousri, Gerges, S.N. The variance of sound power radiated by higher order sources in a reverberation chamber 1-19525
- Youssef, A.-B.M., Rashwan, A.H. Ultrasonic reflections from bilharzial polyps and a means for treatment 1-13300
- Youssef, A.M., Zaki, A.A. Investigation of magnetic structures in a hard-core δ -pinch discharge model with central helical coil 1-15639
- Youssef, A.M., Zaki, A.A., Tsagas, N.F., Masoud, M.M. A study of intermixing mechanism of a trapped magnetic field developing in a thetatron discharge 1-15638
- Youssef, N.H. The solar scandium abundance 1-44531
- Youssef, N.H., Abdel-Aziz, A. The abundance determination of molybdenum and yttrium in the solar atmosphere 1-44532
- Youssef, S. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Youssef, S.W., Sakr, I.A. Performance comparison of different types of solar water heaters under Egyptian conditions 1-17276
- Youssef, T.H., Sakr, M.S. Comparison between hardening mechanisms due to tension and combined torsion-tension deformation in α -brasses 1-53205
- Yrkevich, V.E., Rolov, B.N., Medovoy, A.I. Structural phase transitions in barium titanate-type ferroelectrics 1-31099
- Yu, B.B., Davis, R.F. Self-diffusion of ^{95}Nb in single crystals of NbC. 1-38585
- Yu, C.C. see Barber, D.P. 1-534, 1-28309
- Yu, C.P. see Diu, C.K. 1-21789, 1-21790
- Yu, F.T.S. Technique of white light optical processing with diffraction grating method 1-51397
- Yu, F.T.S., Ruterbusch, P.H., Zhuang, S.L. High-resolution rainbow holographic process 1-6524
- Yu, F.T.S., Tai, A.M., Chen, H. One-step rainbow holography. Recent development and application 1-6517
- Yu, F.T.S., Zhuang, S.L., Chao, T.H. A polychromatic processing technique for color image transparencies 1-50244
- Yu, F.T.S., Zhuang, S.L., Chao, T.H., Dymek, M.S. Real-time white light spatial frequency and density pseudocolor encoder 1-6488
- Yu, F.T.S. see Chen, H. 1-15127
- Yu, F.T.S. see Zhuang, S.L. 1-41615
- Yu, J. see Stenzel, R.A. 1-48794
- Yu, K.L. see Chen, P.C. 1-46377
- Yu, L.L. see Lam, S.T. 1-23699
- Yu, M.L., Reuter, W. Effect of alloying in secondary ion emission from AgPd and CrNi systems 1-31285
- Yu, M.Y., Shukla, P.K., Bujarbarua, S. Fully nonlinear ion-acoustic solitary waves in a magnetized plasma 1-11558
- Yu, M.Y. see Shukla, P.K. 1-46878
- Yu, P.W. see Covington, D.W. 1-47394
- Yu, P.Y. Study of exciton polaritons by resonant light scattering techniques 1-52502
- Yu, S. see Lee, E.P. 1-11569
- Yu, T., Soda, K.J., Streetman, B.G. Annealing of nitrogen-implanted GaAs $_{1-x}$ P $_x$ by a swept line electron beam 1-3453
- Yu, T.L., Reihanian, H., Jamieson, A.M. Hydrodynamic transition phenomena in dynamic light scattering and zero-shear viscosities of semidilute polymer solutions 1-46181
- Yu, T.L. see Jamieson, A.M. 1-38245
- Yu, X.H. see Barber, D.P. 1-534
- Yu, Y.-C. see Brashers, H.C., Jr. 1-37219
- Yu Chonghua, Yan Mingqiao A calculation of the threshold stress intensity range for fatigue crack propagation in metals 1-46706
- Yu Chuanzan Experimental determination of the mass of a neutron star 1-40516
- Yu Fanhua see Chen Junming 1-39499
- Yu Han-Jong see Han-Jong Yu
- Yu Hong see Shen Qi-xing 1-18489
- Yu Ju-Sheng see Jin Gen-Ming 1-18664
- Yu Kwang see Kwang Yu
- Yu Lu see Zhou Guang-Zhao 1-159, 1-160
- Yu Lu see Lu Yu
- Yu Min Cheng, Yuan Long Hua, Chung Bar Chen, Ji Hong Gao, Wei Shen Hydrogen maser wall shift experiments and determination of the unperturbed hyperfine frequency of the ground state of the hydrogen atom 1-37449
- Yu Nai-Teng see Nai-Teng Yu
- Yu Po see Chen Jiayan 1-27851
- Yu Qihua A thermal imaging system for medical purpose 1-8969
- Yu Qing-chang Theory of nonlinear space-charge effects of low energy intense charged particle beams 1-18940
- Yu Rongjin see Li Yushan 1-37607
- Yu Shou-Mian see Yang Chu-Liang 1-54254
- Yu Shu-Cheng see Shu-Cheng Yu
- Yu Xian-duo The discussion about the quality and growth parameters of Czochralski ruby 1-25189
- Yu Yu-De see Liang Jing-Kui 1-25206
- Yu Zhiang see Cao Chang-gi 1-28252
- Yu Zeng-Qi see Zeng-Qi Yu
- Yu Zhong-min see Dong Xian-quan 1-23183
- Yu Zhong-Qiang see Ding Hui-Liang 1-41283
- Yu Zurong see Chen Jianquan 1-28884
- Yu-chang Zhang see Zhang Yu-chang
- Yu-Cheng Zhu see Zhu Yu-Cheng
- Yu-De Yu see Yu-De
- Yu-fu Guo see Guo Yu-fu
- Yu-fu Song see Song Yu-fu
- Yu-guo Feng see Feng Yu-guo
- Yu-hua Chang see Chang Yu-hua
- Yu-heng Zhang see Zhang Yu-heng
- Yu-kun Zheng see Zheng Yu-kun
- Yu-lan Dong see Dong Yu-lan
- Yu-liang Zhang see Zhang Yu-liang
- Yu-lin Bian see Bian Yu-lin
- Yu-Lin Zhao see Zhao Yu-Lin
- Yu-ling Zhang see Zhang Yu-ling
- Yu-mao Shu see Shu Yu-mao
- Yu-Mei Chou, Shih-tung Tsai Parametric instabilities with well separated frequencies in magnetized plasmas 1-42155
- Yu-mei Zhou see Zhou Yu-mei
- Yu-Min Li see Li Yu-Min
- Yu-Ming Zhang see Zhang Yu-Ming
- Yu-Ping Ho Pattern transformation and holographic optical systems 1-51417
- Yu-Ping Kuang see Kuang Yu-Ping
- Yu-Qian Ma see Ma Yu-Qian
- Yu-qin Wu see Wu Yu-qin
- Yu-rui Yang see Yang Yu-rui
- Yu-shair Kang see Kang Yu-shair
- Yu-Shing Tsao Some non-Newtonian flow through a long cylindrical annulus and heat transfer with constant temperature reservoirs and with constant wall heat flux 1-29734
- Yu-Shun Zhang see Zhang Yu-Shun
- Yu-Tak Young, M. see Pancholy, R.K. 1-25299
- Yu-tang Wang see Wang Yu-tang
- Yu-Tung Yang Polarized light and vertical solar cell 1-8705
- Yu-ying Pan see Pan Yu-ying
- Yu-zeng Lu see Lu Yu-zeng
- Yu-zhang Pang see Pang Yu-zhang
- Yu-Zhi Li see Li Yu-Zhi
- Yuan, C., Grosbol, P. Surface photometry of spiral galaxies. I. Theoretical color variation and surface brightness across spiral arms 1-54606
- Yuan, J.M., Lim, T.K. Stability of spin-polarized atomic hydrogen against recombination reactions 1-1317
- Yuan, J.M., Lim, T.K., Nosanow, L.H. Three-body reaction rate in spin-polarized atomic hydrogen 1-31852
- Yuan, J.M. see Farina, J.D. 1-1618
- Yuan, Z., Huang, S., Pan, Z. Magnetic field and tumour 1-8941
- Yuan Bao-Yin see Ye Su-Juan 1-49200
- Yuan Long Hua see Yu Min Cheng 1-37449
- Yuan Pang see Chung, B.T.F. 1-29788
- Yuan Song Dai see Dai Yuan Song
- Yuan Tu-Nan see Li Jiang-Guo 1-41012
- Yuan Huo Liu see Liu Yuan-Ho
- Yuan-Hui Li, Feely, H.W., Toggweiler, J.R. ^{228}Ra and ^{228}Th concentrations in GEOSECS Atlantic surface waters 1-21711
- Yuan-Hui Li see Moor, W.S. 1-9178
- Yuan-Hui Li see Santschi, P.H. 1-32466
- Yuan-Jie Han see Han Yuan-Jie
- Yuan-peng see Zhang He-yi Zhang 1-29632
- Yuan-Sun Kiang see Kiang Yuan-Sun
- Yuan-Xiang Xie see Xie Yuan-Xiang
- Yuan-xin Gu see Gu Yuan-xin
- Yuan-kai Wen see Wen Yuan-kai
- Yuan-sheng Jiang see Jiang Yuan-sheng
- Yuanxi Zou see Zou Yuanxi
- Yuasa, K. see Yamagata, T. 1-45484
- Yuasa, M., Hori, G. New approach to the planetary theory 1-44419
- Yuasa, M. see Masuda, W. 1-46365
- Yuasa, Y., Kobayashi, S., Suganuma, T. Automatic analyzer system for corrosion products in LWR primary coolant 1-28622
- Yuasa, Y. see Sasaki, T. 1-41277
- Yucel, A., Bayazitoglu, Y. The onset of convection in free surface fluid layers with radiative heat generation 1-29690
- Yuchi Peng see Peng Yuchi
- Yuda, M. see Ogushi, T. 1-16396
- Yudaev, V.I. see Bolkhovityanov, Yu.B. 1-21372
- Yudaev, V.I. see Morozov, B.V. 1-39174
- Yudaeva, N.A. see Alferova, Z.A. 1-32745
- Yudaeva, N.A. see Berlin, A.B. 1-17898
- Yudaev, B.V. see Briker, I.N. 1-28530
- Yudin, A.A., Kashirskii, Yu.V. Creep as a process of active-element wandering through two states 1-2558
- Yudin, E.A. see Alexander, I.N. 1-45066
- Yudin, G.L. Coulomb excitation of an atom by a fast multiply charged ion 1-24238
- Yudin, I.K. see Anisimov, M.A. 1-53484
- Yudin, M.I. Significance of various types of information in the problem of long-range forecasting 1-22466
- Yudin, V.K. see Basildade, S.G. 1-1015
- Yudina, G.I. see Balabanov, E.I. 1-48707
- Yudina, I.V. see Fomin, G.A. 1-31334
- Yudina, T.F. see Mel'nikov, V.G. 1-53325
- Yudina, V.A. see Baryshev, V.I. 1-27265
- Yudkovskii, S.I., Kharchenko, V.K., Borisenko, V.A., Shvetsova, S.I., Zolotov, V.S., Tukulov, Yu.M., Zerkin, F.G., Nikishkina, I.V., Kas'yan, K.N. Effect of heat treatment on the structure and mechanical properties of molybdenum alloy 4605 1-43384
- Yudovich, E.E. see Palchevskii, V.V. 1-4121
- Yudovina, T.S. see Petukhov, B.V. 1-366
- Yudovin, V.I. see Mironenko, V.R. 1-5409, 1-10980
- Yue, G.K., Deepak, A. Modeling of growth, evaporation and sedimentation effects on transmission of visible and IR laser beams in artificial fogs 1-19262
- Yue, H., Nelson, G., O'Brien, K., Chandrasekaran, S., Sibilia, J. Electron spin resonance study of copolymerization of hexafluoroisobutylene with vinylidene fluoride 1-17052
- Yue Kwok To see Kwok To Yue
- Yue Zong-Wu see Ma Zhong-Qi 1-45272
- Yue-hong Huang see Huang Yue-hong
- Yue-Ying Cheng see Cheng Yue-Ying
- Yuen, C.K. see Beauchamp, K.G. 1-9776
- Yuen, D.A., Peltier, W.R. Mantle plumes and the thermal stability of the D' layer 1-22276
- Yuen, D.A., Peltier, W.R., Schubert, G. On the existence of a second scale of convection in the upper mantle 1-54053
- Yuen, D.A. see Peltier, W.R. 1-22314
- Yuen, H.C. see Martin, D.U. 1-27794
- Yuen, H.C. see Saffman, P.G. 1-37957
- Yuen, W.W. A study of laminar-jet diffusion flames 1-29798
- Yuen, W.W., Kleinman, A.M. Application of a variable time-step finite-difference method for the one-dimensional melting problem including the effect of subcooling 1-38508
- Yuen, W.W., Wong, L.W. Heat transfer by conduction and radiation in a one-dimensional absorbing, emitting and anisotropically-scattering medium 1-24650
- Yuferev, V.S. see Drobyshevskii, E.M. 1-19711
- Yuferev, V.S. see Korolkov, V.I. 1-21883
- Yuganova, S.A., Ducl, N.A., Stepin, V.S. Phase composition and hardness of steel Kh28N10S4 1-3697
- Yuge, M. see Ihara, M. 1-20171
- Yugo, S. see Kimura, T. 1-26161
- Yugov, V.I. see Averin, A.P. 1-34178
- Yuh-Shuh Wang, Shao-Chi Lin Theoretical modelling of discharge kinetics in transmission line driven excimer lasers 1-37471
- Yuhua, D. see Kupperman, D.S. 1-43619
- Yuhua, D.E., Kessler, L.W. SLAM the door on material failure from internal flaws 1-8507
- Yuhua, D.E., Kessler, L.W. Defect characterization by means of the scanning laser acoustic microscope (SLAM) [ceramics] 1-21685
- Yuheng Zhang see Zhang Yuheng
- Yuk Ling Yung see Pinto, J.P. 1-49390
- Yuk-Ming P. Lam see Kellerer, A.M. 1-26951
- Yukalov, V.I. A new method in the theory of phase transitions 1-32945
- Yukalov, V.I. A method to consider metastable states 1-47210
- Yukalov, V.I. see Shumovskii, A.S. 1-30902
- Yukawa, N. see Nohara, A. 1-25276
- Yukawa, T., Takeda, S., Abe, K., Ikenoue, J.-i. Dispersion surface of magnetostatic surface waves affected by perfect conductors 1-7930
- Yukhimuk, A.K. see Voitenko, Yu.M. 1-27354
- Yukhnovskii, I.R., Gruba, V.D., Golovko, M.F., Kessler, Yu.M. Investigation of the ion-ion mean force potential dependence on the parameters and form of ion-molecule interaction potentials 1-19157
- Yukhnovskii, I.R., Gruba, V.D., Golovko, M.F., Kessler, Yu.M. Allowance for the primitive diagram contribution in the computation of the ion-ion mean force potential (MFP) 1-34456
- Yukhnovskii, I.R. see Vakarchuk, I.A. 1-30507
- Yuki, R. see Takahashi, Y. 1-3629
- Yukimura, K., Motoki, M. Microscopic arc discharges of exploding wires in air and water 1-15722
- Yukito Matsuo see Jeong Chi An 1-29294

- Yuknovskii, I.P., Gruba, V.D., Golovko, M.F., Kessler, Yu.M. The investigation of dependence of ion-ion mean force potentials (MFP) on the functional form and parameters of ion-molecule and molecule-molecule potentials 1-29078
- Yukov, E.A. see Vinogradov, A.V. 1-2246
- Yuldashev, B.S. see Abdrakmanov, E.O. 1-722
- Yuldashev, A.A. see Angelov, N. 1-41150
- Yuldashev, A.A. see Azimov, S.A. 1-36888
- Yuldashev, A.A. see Olimov, K. 1-28501
- Yuldashev, B.S. see Olimov, K. 1-28501
- Yuldashev, B.S. see Abdrakmanov, E.O. 1-722
- Yuldashev, B.S. see Angelov, N. 1-41150
- Yuldashev, B.S. see Azimov, S.A. 1-36888
- Yuldashev, N.Kh. see Ivchenko, E.L. 1-12519
- Yulin Cai see Kai Yulin
- Yulmeyer, P.M. Theory of electric spin relaxation in liquids observed by the method of non-resonance paramagnetic absorption 1-31010
- Yul'met'ev, R.M. The microscopic features of the dipole mechanism of the nuclear spin relaxation in liquids 1-38993
- Yulyugin, V.K. see Koval'chenko, M.S. 1-53123
- Yumatov, V.D. see Mazalov, L.N. 1-33390
- Yumi, S., Yokoyama, K., Ishii, H. Derivation of pole coordinates in a uniform system from the past ILS data 1-44077
- Yuminov, O.A. see Melikov, Yu.V. 1-5814
- Yuminov, O.A. see Vorotnikov, P.E. 1-45545
- Yumoto, K. see Kato, Y. 1-22191
- Yumoto, Y. see Yamamoto, H. 1-53883
- Yun Chang, Johnson, B. Integrated cooling system for the Mirror Fusion Test Facility 1-904
- Yun Da-zhen Proposal of a supplementary equation for stress separation in three-dimensional photoelasticity 1-29633
- Yun Kong Choo see Choo Yun Kong
- Yun Tong-Suk see Tong-Suk Yun
- Yun-peng Tan see Tan Yun-peng
- Yun-qiang Yu see Yu Yun-qiang
- Yun-Tai Chen see Chen Yun-Tai
- Yunakovskiy, A.D. see Bogomolov, Ya.L. 1-46275
- Yund, R.A., Chapple, W.M. Thermal histories of two lava flows estimated from cryptoperthite lamellar spacings 1-4463
- Yung, Y.L. see Allen, M. 1-49570
- Yung, Y.L. see Pollack, J.B. 1-13714, 1-17785
- Yung-Yuk Ling see Yuk Ling Yung
- Yung-Yi Tu, Chuang, T.J., Winters, H.F. Chemical sputtering of fluorinated silicon 1-48213
- Yunoshev, S.P. see Beresnev, V.K. 1-49401
- Yunovich, A.E. see Barinova, E.Yu. 1-3496
- Yunovich, A.E. see Stegmann, R. 1-26266
- Yunrong Zheng see Zheng Yunrong
- Yunzhong Wu see Wu Yunzhong
- Yuochunas, Y.G. see Chikazawa, S. 1-12301
- Yuochunas, Y.G. see Miyako, Y. 1-7847
- Yupko, L.M. see Nemoshkalenko, V.V. 1-35122
- Yuying Li see Li Yuying
- Yurakov, Yu.A. see Domashevskaya, E.P. 1-39185
- Yurasova, V.E. see Mosunov, A.S. 1-53036
- Yuratic, M.A. Theory of steady-state two-photon resonant four-wave mixing processes 1-29343
- Yuratic, M.A. see Hearn, D.B. 1-29344
- Yurchak, B.S. Generalised model of a multiple target and its spectral analysis 1-27240
- Yurchenko, B.N. Experimental investigation of the temperature field spatial structure at turbulent-convection 1-32489
- Yurchenko, B.N. see Gurvich, A.S. 1-32492
- Yurchenko, D.Z. see Tkachenko, Yu.G. 1-8483
- Yurchenko, E.N. see Burgina, E.B. 1-24112
- Yurchenko, E.N. see Kustova, G.N. 1-26197
- Yurchenko, E.N. see Sergienko, V.S. 1-38358
- Yurchenko, I.I. see Ivanov, N.I. 1-23269, 1-23270
- Yurchenko, I.I. see Kalaidzhan, S.E. 1-21667
- Yurchenko, N.P., Batalin, G.I., Strikha, V.I., Buzaneva, E.V., Yaltanskii, S.P., Kazimirov, V.P. Study of Al-Si interface in Schottky barrier diode 1-3064
- Yurchenko, Yu.F. Changes in the heat content of filled iron and iron-alloy powders occurring during heating 1-12772
- Yurchenko, Yu.F., Nononon, V.L. Energy of dislocation ensembles in plastically deformed nickel, iron and titanium (review) 1-21520
- Yurchenko, G.A. see Belov, A.S. 1-978
- Yur'chuk, A.P. see Seifer, A.L. 1-6908
- Yur'er, L.V. see Alekhovich, A.N. 1-31977
- Yur'er, M.S. see Pivovarov, V.A. 1-41660
- Yur'er, S.P. see Babenko, K.I. 1-25534
- Yur'er, V.P. see Belyaeva, A.I. 1-25997, 1-34907, 1-52817
- Yur'ev, Yu.S., Vladimirov, M.A. Critical temperature rise in a coolant in an annular channel 1-23805
- Yur'ev, Yu.S. see Subbotin, V.I. 1-28529
- Yur'eva, I.M. see Yurova, E.S. 1-20741
- Yurevich, F.B. see Rolin, M.N. 1-51776
- Yurevich, L.V. see Soldatov, V.S. 1-6257
- Yuri, H. see Torii, M. 1-8222
- Yuricher, I.A. Equation of state and thermodynamic properties of normal hydrogen in the temperature interval T=200-700K and pressure range p=10-1000 MPa 1-15566
- Yurinov, A.A. see Aleksandrov, V.Ya. 1-1547
- Yurist, A.S. see Nazmeev, Yu.G. 1-11404
- Yurke, B., Ignor, D., Smith, E., Johnson, B., Denker, J., Hammel, C., Lee, D., Freed, J. Spin-aligned hydrogen: some considerations for ESR vs. NMR experiments and preliminary observations of H(2) spin up at low temperatures 1-6190
- Yurke, B., Polturak, E., Sagan, D., Lee, D.M. Studies of rapid melting and freezing of ³He in high magnetic fields 1-2770
- Yurkevich, O.I. Present vertical crustal movements and seismicity of the Transcarpathian area 1-22243
- Yurkin, Yu.T. see Gal'per, A.M. 1-13554
- Yurkov, A.V. see Ladnova, L.A. 1-51806
- Yurov, A.G. see Okunev, V.D. 1-20747
- Yurov, V.M. see Kurmanov, M.K. 1-25430
- Yurova, E.S., Ivleva, V.S., Kevorkov, M.N., Popkov, A.N., Yur'eva, I.M. Dependence of the inhomogeneity of indium antimonide on the dopant concentration 1-20741
- Yurovskii, Yu.F., Al'vares, O. Observations of the solar eclipse of 29 April 1976 at 10 cm wavelength 1-27446
- Yuryshyev, N.N. see Bashkin, A.S. 1-33672, 1-33673, 1-33674, 1-51508
- Yusa, A. see Sumino, K. 1-48420
- Yusa, H. see Asakura, Y. 1-5855
- Yushan Li see Li Yushan
- Yushankhai, V.Yu. see Fedyananin, V.K. 1-47850
- Yushchenko, T.A. see Zelenskaya, N.S. 1-28488
- Yushchenko, V.S. see Muller, V.M. 1-51722
- Yushin, A.S. see Belov, A.V. 1-6674
- Yushin, A.S. see Devyatyy, G.G. 1-33782
- Yushin, Yu.K. see Nanai, L. 1-7654
- Yushkanov, A.A. see Pasternak, V.E. 1-11399
- Yushkanov, A.A. see Poddoskin, A.B. 1-24915
- Yushkevich, Yu.V. see Budzyak, A.V. 1-45466
- Yushkina, T.V. see Pokryvailo, N.A. 1-15516
- Yushkov, A.V. see Pavlova, N.N. 1-28377
- Yushmanov, P.N. Ionic heat conduction in fluctuating magnetic field at low collision frequencies 1-52371
- Yushmanov, P.N. see Pereverzev, G.V. 1-24931
- Yushun Zhang see Zhang Yushun
- Yusova, S.A. see Pashinkin, A.S. 1-16673
- Yusouff, M. see Singh, R.P. 1-16244
- Yust, M. see Margalit, S. 1-15289
- Yusupov, P. see Bagraev, N.T. 1-47709
- Yusupova, S.N. see Berlin, A.B. 1-17898
- Yuta, H. see Hanlon, J. 1-18464
- Yuta, H. see Kitagaki, T. 1-18467
- Yutani, N. see Muro, K. 1-52970
- Yutori, Y., Nomura, S., Kokubo, I., Ishigaki, H. Studies on the static dent resistance 1-3848
- Yuzhakov, V.I. Absorption spectrum of associated rhodamine 6G molecules in ethanol 1-21223
- Yuzhakov, V.I. see Levshin, L.V. 1-43161
- Yuzhi Li see Li Yuzhi
- Yvernault, G. see Bollinger, J.-C. 1-24029
- Yvernault, T. see Bollinger, J.-C. 1-24029
- Yvert, M. see Aubert, B. 1-14748
- Yves Bard, P., Bouchon, M. The seismic response of sediment-filled valleys. II. The case of incident P and SV waves 1-54002
- Yvon, K. see Ashkenazi, J. 1-52484
- Yvon, K. see Braun, H.F. 1-15843
- Yvon, K. see Disheim, J.J. 1-7135
- Yvon, K. see Klepp, K. 1-11727
- Yvon, K. see Schefer, J. 1-20124
- Z-u Ming-shan see Wang Wei-cheng 1-48904
- Za Binh Chyong see Chyong Za Binh
- Zababakhin, E.I., Zababakhin, N.E. Stationary displacement of a body by a shock wave 1-51814
- Zababakhin, N.E. see Zababakhin, E.I. 1-51814
- Zabaev, V.N. see Adishchev, Yu.N. 1-34384
- Zabaev, V.N. see Didenko, A.N. 1-48191
- Zabaev, V.N. see Vorob'ev, S.A. 1-30286
- Zabaikin, V.A. see Baev, V.K. 1-24898
- Zabaluev, V.M., Mitov, V.N. Targets for X-ray radiometric analysis of copper and arsenic with cadmium 109 as the source 1-27294
- Zabarov, A.N., Pavlygin, G.N. Properties of a virtual holographic image when its scale is altered 1-33635
- Zabavnikov, V.A. see Nikol'skii, A.P. 1-21804
- Zabe, B. see Crancon, J. 1-23913
- Zabek, M.C. see Dover, C.B. 1-36853
- Zabel, H. see Magel, A. 1-42490
- Zabel, H. see Moss, S.C. 1-2289
- Zabel, T.H., Fewell, M.P., Kean, D.C., Spear, R.H., Baxter, A.M. The response of silicon surface-barrier detectors to light and heavy ions 1-1028
- Zabel, T.H. see Fewell, M.P. 1-41053
- Zabel, T.H. see Spear, R.H. 1-632
- Zabelina, L.G. see Biryulin, Yu.F. 1-26370
- Zabelinskii, I.E., Fomin, N.A., Shatalov, O.P. Investigation of 10.6 μ absorption coefficient for carbon dioxide molecules at temperatures up to 3500K 1-6256
- Zabezhinskii, A.Ya. see Kremnev, L.S. 1-48386
- Zabierowski, M. The problem of the Einasto and Ostriker team hypothesis about model of galaxies 1-44640
- Zabierowski, M. On the problem of the distribution of red giants 1-54491
- Zabiyakin, G.I. see Belyakov, S.A. 1-9336
- Zabkar, A. see Navinsek, B. 1-25336
- Zabkowska, M. see Wactawek, W. 1-2995
- Zablotskii, V.K., Piskich, M.M., Voyakin, V.N., Sharaban, N.D. Investigation of transformations during the tempering of high-speed cutting steels 1-3727
- Zablotskii, V.K., Sergeev, P.S. Structure and properties of high-speed steels heat treated after forging without intermediate annealing 1-48387
- Zabolitzky, J.G. Hypermetted-chain Euler-Lagrange equations and the electron fluid 1-12050
- Zabolitzky, J.G. On the ground-state of the alpha-particle and verification of the coupled-cluster method 1-50497
- Zabolitzky, J.G., Kalos, M.H. Solution of the four-nucleon Schrödinger equation 1-50525
- Zabolitzky, J.G. see Emrich, K. 1-33221
- Zabolitzky, J.G. see Krotscheck, E. 1-168
- Zabolotnyi, L.V. Stress distribution in antifriction composite materials 1-21596
- Zabolotskii, A.A. see Ovcharenko, V.E. 1-39282
- Zaborovskii, Yu.I. see Vorob'ev, E.I. 1-28715
- Zabotin, N.A., Nasel'skii, P.D. Formation of black holes in the early Universe 1-49708
- Zabrodskii, A.G. Electrical conductivity of heavily doped compensated n-type germanium produced by neutron doping 1-20743
- Zabrodskii, A.G. Influence of the degree and method of doping on the electrical conductivity of heavily doped and compensated germanium 1-30749
- Zabrodskii, A.G. Metal-insulator transition in heavily doped compensated germanium 1-34628
- Zabrodskii, Yu.R. see Mil'ner, A.P. 1-34327
- Zabudskii, I.P., Kobel'skii, V.I. Updating the GS-1M goniometer-spectrometer 1-28068
- Zaburdavey, A.N. see Pichtel'ev, A.I. 1-31960
- Zabusky, N.J. see Overman, E.A., II 1-29873
- Zaccai, G. see Engelmann, D.M. 1-53754
- Zaccai, G. see Ranck, J.L. 1-32091
- Zaccanti, G. see Brusciaglini, P. 1-9252
- Zaccanti, G. see Conforti, G. 1-14209
- Zaccane, H. see Abrams, G.S. 1-10208, 1-10242, 1-50450
- Zaccane, H. see Dorfan, J.M. 1-41020
- Zaccane, H. see Himel, T.M. 1-18482
- Zaccane, H. see Scharre, D.L. 1-18485, 1-45292
- Zach, R. Transfer coefficients to terrestrial food products in equilibrium assessment models for nuclear installations 1-8776
- Zachar, F. see Vavra, I. 1-52337
- Zachara, M. see Eskreys, A. 1-594
- Zacharchuk, N.F. see Smirnova, T.P. 1-43327
- Zachariades, A.E., Porter, R.S. High-modulus polymers (carbon fibre preparation) 1-21416
- Zacharias, H., Geilhaupt, M., Meier, K., Welge, K.H. Laser photofragment spectroscopy of the NO₂ dissociation at 337 nm. A nonstatistical decay process 1-39660
- Zacharias, H., Rotke, H., Welge, K.H. Photoionization of CO and NO by tunable VUV laser radiation 1-14967
- Zacharias, H., Rotke, H., Welge, K.H. Sensitivity and mass selectivity of NO detection by step-wise photoionization 1-33514
- Zacharias, K. see Gajewski, H. 1-39637
- Zachariassen, F. The infrared behaviour of the running coupling constant in Yang-Mills theories 1-18393
- Zachariassen, F. Infrared properties of the gluon propagator: A progress report 1-45242
- Zachariassen, F. see Ball, J.S. 1-5588
- Zachary, W.W. Stimulated electromagnetic shock radiation (SESR) when the angle between the electron velocity and the external field direction is arbitrary 1-10902
- Zachek, I.R. see Levitskii, P.P. 1-31088
- Zachek, I.R. see Levitskii, R.R. 1-34983
- Zachko, I.Yu. see Zyubrik, A.I. 1-53010
- Zacuto, P. see Chung, V. 1-32240
- Zadde, V.V., Guseva, E.A. Method for measurement of semiconductor diode current-voltage characteristics 1-44954
- Zadde, V.V. see Fomin, G.A. 1-31334
- Zadokhin, B.S., Kaplyanskii, A.A., Malkin, B.Z., Markov, Yu.F. Thermodynamic potential of improper ferroelectrics Hg₂Cl₂ and Hg₂Br₂ 1-25464
- Zadov, T.K. Mass splitting and decays of 20-plet baryons and 16-plet mesons in sub-SU(4) symmetry 1-45205
- Zadorina, N.V. see Golubitskii, B.M. 1-37593
- Zadorozhnaya, V.N. see Slavov, V.I. 1-17004
- Zadorozhnyi, A.I. see Bogomolov, V.N. 1-2978
- Zadorozhnyi, V.L., Fedorchenko, A.M. On the stationary states for three wave parametric processes in a finite region 1-41786
- Zadorozhnyi, V.N. see Bagrov, V.G. 1-40941

- Zadovyan, M.A. Mixed variational equation for a plate and shell of non-linear hereditary-ageing material 1-15417
- Zadro, M. see Ebbelin, C. 1-17708
- Zadworny, F. see Kamarinos, G. 1-20469
- Zaets, V.G. see Efremenko, V.I. 1-33173
- Zaetz, V.G. see Ammosov, V.V. 1-40980
- Zaev, E.E., Khalilov, L.M. Pseudocontact shifts of the PMR signal to acetone in the second coordination sphere of aquo-ions of the rare earth elements 1-33480
- Zaev, V.A., Nikitenko, A.F. Analysis of structure elements taking account of material damage during creep 1-51707
- Zafar, M. see Ahmad, I. 1-18517
- Zafar, M. see Aziz, T. 1-10264
- Zafliovskii, Yu.M. see Ratych, L.V. 1-35479
- Zafirots, C.D. see Schery, S.D. 1-23556
- Zafirova, B.S. see Zartov, G.D. 1-1679
- Zaganirov, E.F. see Sobolev, V.V. 1-52965
- Zaganirova, G.L., Klimushina, G.V., Kurmel, N.D., Soroka, G.M. Energy spectrum of molecular clusters 1-31171
- Zaganisaris, A., Jaguin, J.P. Mechanical properties and ageing of fibers 1-43528
- Zagar, D.M. see Mendel, C.W., Jr. 1-42186
- Zagar, J. see Trsan, N. 1-29379
- Zagar, V. see Vilfan, M. 1-3290
- Zaghdoudi, M. see Charles, J.P. 1-43770
- Zaghloul, S.A. Single-station time-domain (SSTD) vibration testing technique. Theory and application 1-19660
- Zagnoli, D.A. see Eisenberg, F.G. 1-20559
- Zago, G. see Fasoli, U. 1-1047
- Zago, L. see Zimmermann, K.J. 1-39801
- Zagoni, M. Relationship between physical constants and the electron mass 1-10110
- Zagorodnov, O.G. see Papkovich, V.G. 1-51001
- Zagorski, A.P. see Stiglik, Z. 1-17122
- Zagorski, Ya.T., Kaufman, S.A., Kozachenko, M.L., Kormakov, A.A., Kotyuk, A.F., Liberman, A.A., Stepanov, B.M., Tikhomirov, S.V., Chernoyarskii, A.A., Yakovlev, V.A. Reproduction of the laser-radiation mean-power unit [using calorimetric detector] 1-5271
- Zagorui, I.F., Grinberg, V.S. Recording of the parameters of the contact net on a motion picture film 1-14188
- Zagorui, L.N., Soldatov, V.P. Influence of forest dislocations on the creep of zinc single crystals 1-2455
- Zagorui, S.V. see Grachev, A.I. 1-13515
- Zagorskina, V.G. see Suikovskaya, N.V. 1-37587
- Zagradnik, R. see Abronin, I.A. 1-33389
- Zagranichnyi, E.N. see Bystrov, Yu.A. 1-18250
- Zagrebachy, A.M. see Naumov, V.I. 1-28640
- Zagrebachy, V.I. Application of the distorted-wave method to the analysis of the deuteron disintegration reaction 1-50604
- Zagrodzinski, J. Some properties of multidimensional theta-function and SGE 1-49947
- Zagrodzinski, J. see Korybut-Daszkiwicz, B. 1-19250
- Zagruzina, I.A. see Ge, G.G. 1-54037
- Zagryadskii, V.A. see Novikov, V.M. 1-10525
- Zagyi, B. see Konec, M. 1-52819
- Zagzebski, J.A. see Banjavic, R.A. 1-53847
- Zaharia, E. see Dinca, F. 1-24680
- Zahn, G. see Krafft, G. 1-40772
- Zahn, H.S., Curtis, C.T. Remote systems requirements for tandem-mirror fusion power reactors 1-50939
- Zahn, H.S. see Fuller, G.M. 1-6034
- Zahn, Uvon see von Zahn, U.
- Zahn, W. see Fick, D. 1-28481
- Zahn, W. see Hecht, K.T. 1-50501
- Zahorian, S.A., Rothenberg, M. Principal-components analysis for low-redundancy encoding of speech spectra 1-51666
- Zahradnik, R. see Carsky, P. 1-18078
- Zai-wan Zhu see Zhu Zai-wan
- Zai-Zhe Zhong see Zhong Zai-Zhe
- Zaichik, L.I. Drag on a body placed between two parallel plates in a Hele-Shaw flow 1-19808
- Zaichik, L.I. see Eroshenko, V.M. 1-15545, 1-46745, 1-46804
- Zaichko, V.V. see Buzynin, Yu.N. 1-30114
- Zaidel, P. see Berthel, K.-Kh. 1-47804
- Zaider, M., Rossi, H.H. The synergistic effects of different radiations 1-26965
- Zaider, M. see Dicello, J.F. 1-50994
- Zaidi, A.A., McGregor, I., Kleinpopp, H. Coincident-photon coherence analysis of the mercury $6^3\text{S}_0-6^3\text{P}_1-6^3\text{S}_0$ excitation/deexcitation process in terms of spin-orbit effects 1-19193
- Zaidi, S.A.A. see Brodsky, S.J. 1-50435
- Zaidins, C.S. see De Boer, F.W.N. 1-23667
- Zaidman, G.N. see Prin, G.N. 1-43586
- Zaidman, G.N. see Rybalko, A.V. 1-43594
- Zaikin, A.D. see Zharkov, G.F. 1-9999
- Zaikin, D.A. see Efrosinin, V.P. 1-41009
- Zaikin, V.M. see Averb'yanov, P.N. 1-44945
- Zaikin, V.N. see Fradkin, E.S. 1-5472
- Zaikov, V.M. see Utkin, A.V. 1-15546
- Zaim, Y. see Semah, F. 1-13385
- Zaima, S. see Oshima, C. 1-38634
- Zaimovskii, V.A. see Bernstein, M.L. 1-35332
- Zainul Abdeen Kahn, Chaghtai, M.S.Z., Rahimullah, K. Classified lines and energy levels of doubly ionized zirconium (Zr III) 1-45884
- Zainulin, Yu.G., D'yachkova, T.V., Alyamovskii, S.I. Structural mechanism of oxygen implantation in the vanadium carbide lattice 1-30257
- Zaiss, R. see Habermeyer, H.U. 1-40823
- Zaitov, F.A., Gorskov, A.V., Shalyapina, G.M., Susov, E.V., Terekhov, T.F. Diffusion in $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ 1-30449
- Zaitsev, A.F. see Gagarinskii, A.Yu. 1-28645
- Zaitsev, A.L. see Aleksandrov, Yu.N. 1-13717
- Zaitsev, A.M. Study of ion-implanted diamond by cathode luminescence 1-48172
- Zaitsev, A.M. see Dzheilyadin, R.I. 1-23503, 1-45369
- Zaitsev, A.M. see Vavilov, V.S. 1-48173
- Zaitsev, A.M. see Viktorov, V.A. 1-10197, 1-10221, 1-10222
- Zaitsev, B.F. see Podgornii, A.I. 1-37855
- Zaitsev, B.G., Guzel, L.S., Sokolovskaya, E.M., Shulepov, V.I. Structure and phase composition of interaction zone in composite of VT9 titanium alloy with silicon carbide fibers 1-8318
- Zaitsev, G.G., Barabanov, V.N., Kuteinikov, A.F. Measurement of elasticity constants of carborane materials by dynamic methods in temperature range 20-3000°C 1-31787
- Zaitsev, G.O. Influence of dislocations on the electron effective mass in a metal 1-2861
- Zaitsev, G.F. see Rybnik, A.A. 1-21666
- Zaitsev, L.V. see Filatov, N.N. 1-40148
- Zaitsev, M.G. see Razumovskaya, I.V. 1-30309
- Zaitsev, N.K., Shaparev, N.Ya. Laser-beam detection with atmospheric-pressure glow discharges 1-24981
- Zaitsev, O.F. A magnetic azimuth meter, employing a single magnetic system 1-27266
- Zaitsev, R.O., Pushkina, N.I. Threshold acoustic phenomena in magnetic insulators 1-30930
- Zaitsev, S.A. see Zhdanova, V.V. 1-15385
- Zaitsev, S.I. see Shelkovnikov, N.K. 1-32462
- Zaitsev, S.M., Kuleshova, T.B., Razumovskaya, O.I. High-temperature X-ray phase investigations of $\text{Pb}_2\text{NbCoO}_6$ 1-30171
- Zaitsev, V.A., Lozhkin, L.N., Skorcheletii, V.V., Cheshebaeva, L.R. Influence of hydrogen absorption on the corrosion cracking of steel 70 in acid solutions of thiocyanates 1-3994
- Zaitsev, V.A., Skorcheletii, V.V. Effect of utrotopin on corrosion cracking of steel 70 in thiocyanate solutions 1-26675
- Zaitsev, V.A., Skorcheletii, V.V. The corrosion cracking of brass in copper-ammonia liquors 1-35446
- Zaitsev, V.E., Rzhzanov, A.E., Ryzhii, V.I., Ryabova, N.L. Electrical control of magnetooptical absorption in semiconductor films 1-48049
- Zaitsev, V.I., Lyafar, E.I., Fomchenko, V.A. Thermooxidation parameters and dislocation behavior at creep under high hydrostatic pressure 1-34404
- Zaitsev, V.I., Ryumshina, T.A. A motion of twin boundaries in zinc under the influence of compression anisotropy 1-30245
- Zaitsev, V.I. see Akimov, G.Ya. 1-25286, 1-31486
- Zaitsev, V.I. see Andriehievskii, A.A. 1-51697
- Zaitsev, V.I. see Berkin, A.B. 1-48273
- Zaitsev, V.I. see Dobrikov, A.A. 1-20214
- Zaitsev, V.I. see Galkin, A.A. 1-34349, 1-34354, 1-34424
- Zaitsev, V.I. see Presnyakova, O.V. 1-7180, 1-8334
- Zaitsev, V.N., Morozov, E.M., Andrianov, E.G. Effect of γ -radiation on polymer-plasticized piezoelectric materials 1-31093
- Zaitsev, Yu.A. see Klekovin, V.A. 1-27264
- Zaitsev, Yu.I. see Gelikson, V.M. 1-37557
- Zaitsev, Yu.V. see Gostev, E.A. 1-1381
- Zaitseva, A.K. see Abrosimov, N.V. 1-31335
- Zaitseva, N.V. see Bokov, V.A. 1-12372
- Zaitseva, N.V. see Sokolov, V.G. 1-39996
- Zaitseva, T.R. see Marchuk, I.V. 1-44035
- Zaitseva, Yu.V. see Kulagin, N.A. 1-52129
- Zaitsevskii, A.V., Nemukhin, A.V., Stepanov, N.F. DIM potential energy surfaces for excited states of H_2 1-10679
- Zaitsevskii, L.L., Zelenkina, A.I., Tmenov, A.N. Microbalance with a mechanotron sensor 1-237
- Zaizang Chu see Chu Zaiziang
- Zajac, C. see Kruszewski, J. 1-15262, 1-15263
- Zajac, G., Smith, G.B., Ignatiev, A. Refinement of solar absorbing black chrome microstructure and its relationship to optical degradation mechanisms 1-16157
- Zajac, G. see Smith, G.B. 1-2833
- Zajonc, A.G. Novel high-temperature, Na vapor cell 1-36740
- Zak, J. Symmetry specification of bands in solids 1-2853
- Zak, J. Quantum mechanics on lattices 1-5125
- Zak, J. Symmetry of equation for localized states in solids 1-47422
- Zak, J. see Rouyet, J.P. 1-38704
- Zak, M., Weinberg, M.C. Gas diffusion in multi-bubble systems 1-29755
- Zak, M.A. Nonlinear vibration phenomena in films of solar arrays 1-1856
- Zak, Z. The structure of 1,5-dichlorocyclooctatetraene (azathiene) 1-34336
- Zakarin, E.A., Kashkarov, V.P., Kramar, V.F., Shstsel', E.A. Numerical analysis of asymmetric combustion of a reacting fluid under conditions of natural convection 1-2101
- Zakaznov, N.P., Shapochkin, V.A. Production of aspheric optics 1-29368
- Zakaznov, P.N., Popov, Yu.V. Spatial modulation of light in optically active crystals 1-1688
- Zakharchenko, A.P. see Rogovoi, I.D. 1-36723
- Zakharchenko, I.E. see Demin, V.F. 1-44790
- Zakharchenko, I.V. see Belyi, M.Yu. 1-31197
- Zakharchenko, V.G., Kardanov, Yu.Kh. Flowfield geometry for interaction of a side jet with a supersonic flow 1-51838
- Zakharchenko, V.G., Polyak, Yu.Ya. Effect of an anisotropic magnetospheric plasma on long-periodic geomagnetic pulsations 1-22623
- Zakharchenko, V.G., Chistoserdov, B.M. Contribution to the theory of the electrical conductivity of a turbulent magnetospheric plasma 1-22627
- Zakharchenko, B.P., Dymnikov, V.D., Karlik, I.Ya., Mirlin, D.N., Nikitin, L.P., Perel', V.I., Reshina, I.I., Saepa, V.F. Spectrum and polarization of hot luminescence in GaAs crystals 1-48147
- Zakharchenko, B.P. see Andreev, V.N. 1-16324
- Zakharchenko, B.P. see Rokakh, A.G. 1-347
- Zakharenko, Yu.A. see Basov, N.G. 1-25084
- Zakhar'ev, B.N., Mel'nikov, V.N., Suz'ko, A.A. The Schrodinger-Sturm equation in the direct and inverse scattering problems 1-23622
- Zakharin, M., Escudie, B., Sessarego, J.P., Leandre, J., Gazanhes, C. Tests of identification of targets by a coherent treatment in time and in frequency 1-24605
- Zakharin, D.S. see Kolotyrlin, Ya.M. 1-53347
- Zakharkin, I.I. see Bogomolov, V.N. 1-28780
- Zakharkin, A.I. see Basargin, O.V. 1-15379
- Zakharkin, A.I. see Gavriluk, S.I. 1-43440
- Zakharov, A.I. see Glezer, A.M. 1-8406
- Zakharov, A.P., Sharapov, V.M., Gorodetski, A.E. Effect of intrinsic interstitials on the diffusion mobility of hydrogen and helium in molybdenum 1-30483
- Zakharov, A.P. see Bogomolov, D.B. 1-2674
- Zakharov, A.P. see Gorodetski, A.E. 1-25316
- Zakharov, B.G. see Ustinov, V.M. 1-30256
- Zakharov, B.M. see Portnoi, K.I. 1-31555
- Zakharov, D.S. see Vaisberg, O.L. 1-9340
- Zakharov, E.T. see Gogonenkov, G.N. 1-13609
- Zakharov, E.V., Pimenov, Yu.V. A method of numerically solving the problems of diffraction of H-polarized electromagnetic waves on open cylindrical surfaces 1-15056
- Zakharov, E.V. see Sokhranov, N.N. 1-13395
- Zakharov, I.A., Grishaeva, T.I. Long-lived phosphorescence of adsorbate-phosphors in liquids and its quenching by oxygen 1-6308
- Zakharov, I.S., Petukhov, P.A. Voltage across the semiconductor in an MDSMD structure 1-42870
- Zakharov, L.A. see Gutman, E.M. 1-53351
- Zakharov, L.E. see Baryshnikov, F.F. 1-10897
- Zakharov, L.E. see Goedbloed, J.P. 1-34049
- Zakharov, L.Yu. see Morozov, N.A. 1-37582
- Zakharov, M.A., Melekhin, V.N., Sukhachev, V.Ya. Design and characteristics of a microtron in the 5-cm range 1-975
- Zakharov, N.D. see Meleshina, V.A. 1-38545
- Zakharov, N.G. see Ershov, N.N. 1-31184
- Zakharov, N.N. see Vinogradov, V.A. 1-24837
- Zakharov, P.A., Krylov, N.N., Smirnova, E.P. Measurement of mechanical strength of KO-1 optical ceramic 1-11054
- Zakharov, S.A. Influence of the demagnetising factor of a specimen of the TbFe₂ alloy on its longitudinal magnetostriction 1-31001
- Zakharov, S.M. Determination of the scalar properties of the relation between the stresses and strains for nonisothermal loading processes 1-19594
- Zakharov, V. see Sikivie, P. 1-496
- Zakharov, V. see Voloshin, M. 1-18499
- Zakharov, V.E. On the distribution of an amplifying pulse in a two-level system 1-29241
- Zakharov, V.E. The inverse scattering method 1-36510
- Zakharov, V.I. see Novikov, V.A. 1-10142
- Zakharov, V.I. see Vainshtein, A.I. 1-36829
- Zakharov, V.K. see Dotsenko, A.V. 1-48023
- Zakharov, V.N., Kalikhan, A.D. Dispersion of ionospheric waves 1-22589
- Zakharov, V.N., Pertsovskaya, E.V., Sklyuev, P.V., Zonov, V.V. High-strength heat-resistant steel 30Kh3NM3Fts 1-8394
- Zakharov, V.P. see Azovtsev, V.P. 1-32960
- Zakharov, Yu.A., Baklykov, S.P. Electron excitation and transfer in lead azide 1-34753
- Zakharov, Yu.A., Baklykov, S.P., Shechko, G.T. Point defects and ionic conductivity in lead azide 1-38582
- Zakharov, Yu.A. see Shustov, M.A. 1-28097
- Zakharov, Yu.I. see Barabanov, I.R. 1-671
- Zakharov, Yu.I. see Moiseev, V.N. 1-16791
- Zakharova, E.P. see Kuryakova, L.M. 1-21639

- Zakharova, I.S. *see* Zaporozhchenko, R.G. 1-1593
- Zakharova, L.I. *see* Tsirlin, M.S. 1-39522
- Zakharova, N.G. *see* Rudnitskaya, D.I. 1-9111
- Zakharova, O.P. *see* Markman, M.A. 1-13081
- Zakharova, T.L. Prediction of the thickness of the Earth's crust with the use of the isostasy principle 1-40233
- Zakhar'y, S.G. *see* Abd El Baki, M.M. 1-28769
- Zakhar'yash, V.F., Klement'ev, V.M., Matyugin, Yu.A., Nikitin, M.V., Timchenko, B.A., Chebotov, V.P. Frequency-phase locking of a CH₃OH laser ($\lambda=70.5 \mu$) to a ¹³C¹⁸O laser 1-33666
- Zakhidov, R.A. Electronic aberration-pattern recorder 1-17152
- Zaki, A.I. *see* Youssef, A.B. 1-15638, 1-15639
- Zaki, M.J. *see* Fahim, R.M. 1-48371
- Zakin, J.L. *see* Hunston, D.L. 1-51751
- Zakirov, R.M., Kuznetsov, V.P., Schermergor, T.D. Effects of argon implantation and vacuum annealing on the superconducting properties of single-crystal niobium films 1-30859
- Zakkay, V., Barra, V., Hozumi, K. Turbulent boundary layer structure at low and high subsonic speeds 1-1932
- Zaklyaz'minskii, L.A., Rozhkov, R.S., Saifonov, L.A. Glow of a supersonic air stream during combustion of fuel therein ahead of the nozzle critical section 1-13010
- Zakordonskii, V.P., Maleev, I.I., Soltys, M.N. Flexibility of macrochains, and polymer adsorption from dilute solutions 1-53464
- Zakorina, N.A., Kobas-Aranda, M.M., Orlova, N.M., Petrov, A.A. Spectrochemical determination of noble metals in ores using a hot hollow cathode 1-2270
- Zakorina, N.A., Lindstrom, I.S. Determination of oxygen in heat-resistant and refractory alloys by spectral-isotope method 1-17127
- Zakoryashin, S.P. *see* Vesnin, Yu.I. 1-18347
- Zakowicz, W. *see* Feng, J.J. 1-46947
- Zakrevskaya, A.L. *see* Aleksandrov, G.V. 1-49134
- Zakrevskii, V.A. *see* Boldyrev, V.V. 1-34923
- Zakrevskii, V.A. *see* Pesina, T.I. 1-16792
- Zakrevsky, V.F. *see* Zaukasas, A.A. 1-9977
- Zakrocsmi, T., Parkins, R.N. A comparison of potentiodynamic, current decay and straining electrode experiments in assessing the stress corrosion cracking susceptibilities of low alloy ferritic steels 1-31778
- Zakrzewski, J. A proper choice of a linearization network for nonlinear instrument transducers 1-27961
- Zakrzewski, J.A. *see* Aksinenko, V.D. 1-18662
- Zakrzewski, W.J. *see* Din, A.M. 1-435
- Zakrzewski, W.J. *see* Din, A.N. 1-10073
- Zakula, R.B. *see* Stamenkovic, S. 1-3339
- Zakurdaev, I.V., Liberova, G.I., Chernykh, E.Ya. Anisotropy of self-diffusion and thermoelectrical diffusion of atoms on the surface of single-crystal metals 1-30531
- Zakuryapin, S.B. *see* Gromov, L.A. 1-42436
- Zakzouk, A.K.M. General model for defect formation in silicon dioxide 1-2970
- Zalar, A. Auger electron spectroscopy 1-31928
- Zalar, A., Hofmann, S. Crater edge profiling of Ni/Cr sandwich multilayer thin films by scanning Auger microscopy (SAM) 1-42655
- Zalar, S.M. *see* Martin, B.D. 1-26640
- Zales Caponi, M., Munch, J., Boehmer, H. Optimized operation of a free-electron laser, spanning the single particle and collective regimes: theory and experiment 1-15140
- Zaleski, S. *see* Pomeau, Y. 1-11368
- Zaleski, M.P. *see* Jensen, C.L. 1-30716
- Zaleskaya, G.A. Delayed luminescence initiated in benzophenone vapor by multiphoton absorption of CO₂ laser emission by triplet molecules 1-42129
- Zalenskii, I.E. *see* Gorbachev, S.M. 1-41423
- Zalenskii, V.Yu. *see* Ershov, L.S. 1-29059
- Zalenskii, V.Yu. *see* Vinokurov, G.N. 1-6548
- Zalenskii, Yu.G. *see* Stepanenko, I.A. 1-42200
- Zalenskii, B.K. *see* Badinter, E.Ya. 1-44899
- Zalewska, A. *see* Däum, C. 1-14424
- Zalewski, E., Zmija, J. The effect of thermal fields on the density and distribution of dislocation in semi-transparent single crystals pulled by the Czochralski technique 1-38313
- Zalewski, E., Zmija, J. On the factors generating dislocations during oxide single crystal growth by the Czochralski technique 1-42331
- Zalewski, E.F. *see* Geist, J. 1-18293
- Zalewski, K. Instability of a recently proposed MIT vacuum 1-45200
- Zalewski, K. *see* Arzod, H. 1-45101
- Zalewski, K. *see* Cvitanovic, P. 1-36845
- Zalewski, K. *see* Wosiek, J. 1-10210
- Zaleznyak, P.N., Ivanov, V.O., Andreeva, E.G. Impurities in gelatin and their removal by sorption refinement 1-28107
- Zallo, A. *see* Bologna, G. 1-28817
- Zalmsira, J.J.A. *see* Van Poelgeest, A. 1-10320
- Zalogina, G.N., Lunev, V.V., Plastinin, Yu.A. Ionization and nonequilibrium radiation of air behind strong shock waves 1-34035
- Zalochovskii, A.Ya. *see* Vendik, O.G. 1-26119
- Zalpi, B.L., Dimmey, L.J., Park, H., Jones, P.L., Cocks, F.H. Hydrogenated amorphous boron: resistivity and doping behavior 1-38778
- Zal'tsman, E.B. *see* Poyarkov, V.E. 1-298
- Zalutskii, B.M. *see* Tsybalyuk, A.A. 1-48385
- Zalutsky, M. *see* Kirchner, P.T. 1-32242
- Zaluzec, N.J. Thin film characterization using analytical electron microscopy 1-11999
- Zaluzhnyi, A.G., Skorov, D.M., Zholnin, A.G., Onufriev, V.D., Afrikanov, I.N., Tsyplenkov, V.S., Vladimirov, V.G., Kopytin, V.P. Release of hydrogen from OKH16N15M3B steel on heating 1-5851
- Zaluzny, M. Interband dipole matrix elements of narrow-gap semiconductor films 1-52486
- Zalyubovskii, I.I. *see* Babenko, V.A. 1-43233
- Zalyubovskii, I.I. *see* Fedorets, I.D. 1-642
- Zalyubovskii, I.I. *see* Ustimenkov, K.F. 1-23629
- Zaman, K.B.M.Q., Hussain, A.K.M.F. Vortex pairing in a circular jet under controlled excitation. I. General jet response 1-33994
- Zaman, K.B.M.Q., Hussain, A.K.M.F. Turbulence suppression in free shear flows by controlled excitation 1-51758
- Zaman, K.B.M.Q. *see* Hussain, A.K.M.F. 1-33995
- Zaman, M.A., Majumder, A.R., Chowdhury, M.S., Sen Gupta, H.M. A study of the (d,t) reaction on ⁵⁶Fe 1-50605
- Zamani, M., Charalambous, S. Registration probability of alphas in cellulose nitrate 1-51053
- Zamani, M., Savides, E., Charalambous, S. The response of cellulose nitrate to gamma radiation 1-51052
- Zamani, N. *see* Bakowski, M. 1-38858
- Zamani-Khamiri, O., Hameka, H.F. Polarizability calculations with the SCF method. IV. Various conjugated hydrocarbons 1-33400
- Zamanova, R.T., Mamedov, Sh.S. Investigation of GeSe₂ optical properties 1-48105
- Zamanzadeh, M., Allam, A., Pickering, H.W., Hubler, G.K. Effect of helium, iron, and platinum implantation on the absorption of hydrogen by iron 1-7458
- Zambrey, L.F., Watanabe, T., Russell, R.D., Oguti, T., Hayashi, K. A new method to calibrate induction magnetometers 1-4639
- Zambirini, J.-C. Covariant Lagrangian of Onsager and Machup without discretization 1-203
- Zamerowski, T.J. *see* Olsen, G.H. 1-48267
- Zamerowski, T.Z. *see* Olsen, G.H. 1-11990
- Zamfir, N.V. *see* Bucurescu, D. 1-41078
- Zamick, L. *see* Abbas, A. 1-5678
- Zamick, L. *see* Andrejtschew, W. 1-28454
- Zamini, N. *see* Grunthaner, F.J. 1-43239
- Zamir, D. *see* Perez, M. 1-39003
- Zamir, E., Haas, Y., Levine, R.D. Laser enhanced addition reactions between hydrogen halides and unsaturated hydrocarbons: an information-theoretic approach 1-8551
- Zamir, E., Levine, R.D. Energy disposal in unimolecular elimination reactions 1-21707
- Zamir, E., Levine, R.D., Bernstein, R.B. The practice of surprisal inference: products' state distribution in the chemiluminescent ion-molecule reaction of C⁺+H₂ 1-48692
- Zamliuti, C.J. Design of Barker coded multiple pulse experiments 1-32539
- Zamliuti, C.J. *see* Sobral, J.H.A. 1-36093
- Zamolodchikov, A.B. 'Fishing-net' diagrams as a completely integrable system 1-23417
- Zamora, M. *see* del Cerro, J. 1-26133
- Zamora, M. *see* Raoms, S. 1-7350
- Zamora, M.F. *see* Romanov, O.N. 1-35366
- Zamorani, G. *see* Vettolani, G. 1-4977
- Zamorano, N.A. *see* Matzner, R.A. 1-9561
- Zamostyanik, I.E. *see* Osaul, A.I. 1-3990
- Zamotavr, I.P. *see* Vodolazskii, L.A. 1-22084
- Zamow, R. *see* Lampert, J.E. 1-37067
- Zampetti, P. *see* Benetti, P. 1-9395, 1-45906
- Zamyatina, N.I. *see* Mel'nikov, V.G. 1-53325
- Zana, N. *see* Tanaka, K. 1-32377
- Zana, R. *see* Lianos, P. 1-17111
- Zanadrovor, N.P. Electrostatic field of an anisotropic dielectric cylinder 1-24316
- Zanantonio, C. *see* Graziani, G. 1-39718
- Zanasi, R. *see* Lazzarotti, P. 1-6123
- Zandberg, E.Ya., Nazarov, E.G., Rasulev, U.Kh. Oxidized tungsten strips as ion emitters for surface ionization of organic compounds 1-42846
- Zander, M. *see* Gundermann, K.D. 1-51132
- Zandomeneghi, M., Cavazza, M., Gozzini, A., Alzetta, G., Lupi, E., Samurri, M., Pietra, F. Asymmetric photosynthesis with circularly polarized laser light. The synthesis of optically active bicyclo[3,2,0]hepta-3,6-dien+1-methoxy-2-one from 2-methoxytropone 1-48708
- Zandonella, A. Green and soil brightness indicators obtained through a Landsat data transformation procedure 1-4666
- Zandron, O. *see* Castagnino, M. 1-36798
- Zandt, G., Owens, T.J. Crustal flexure associated with normal faulting and implications for seismicity along the Wasatch Front, Utah 1-49232
- Zandt, G. *see* Smith, R.B. 1-49214
- Zanella, G., Vascon, M., Novo, G. On-line motion analysis using a TV system 1-32955
- Zanella, P. *see* Grote, H. 1-14724
- Zanella, P. *see* Townsend, D.W. 1-28790
- Zanelli, C., Zlobec, P., Koren, U. Flare characteristics and type III bursts: a statistical approach 1-4904
- Zanelli, C.A. *see* Borkowski, K.M. 1-44439
- Zanelli, C.I., Urone, P.P., Romero, J.L., Brady, F.P., Johnson, M.L., Needham, G.A., Ullmann, J.L., Johnson, D.L. Total non-elastic cross sections of neutrons on C, O, Ca and Fe at 40.3 and 50.4 MeV 1-45506
- Zanelli, C.I. *see* Brady, F.P. 1-28823
- Zaner, K.S., Fotland, R., Stossel, T.P. Low-shear, small volume viscoelastometer 1-51885
- Zanetti, L.J., Potemra, T.A., Doering, J.P., Lee, J.S., Arnold, R.L., Hoffman, A.R. Coincident particle observations from AE-C and ATS 6 during the October 28, 1977, geomagnetic storm 1-13644
- Zaneveld, J.R.V. *see* Gordon, H.R. 1-22356
- Zaneveld, J.R.V. *see* Hasong Pak 1-54092
- Zaneveld, J.R.V. *see* Pak, H. 1-27181
- Zaneveld, V. *see* Ronald, J. 1-13472
- Zanevsky, Yu.V. *see* Anisimov, Yu.S. 1-14728, 1-45785
- Zanfino, C. *see* Dankowych, J.A. 1-50460
- Zang Pei-quan *see* Li Shi 1-52871
- Zanger, B. *see* McIntire, L.V. 1-13272
- Zangrando, F. A simple method to establish salt gradient solar ponds 1-13166
- Zangvil, A. *see* Munitz, A. 1-26786
- Zaninetti, L. *see* Ferrari, A. 1-13680
- Zank, S. Sea surface winds derived from cloud motion vectors over the tropical Atlantic 1-27224
- Zankel, H. *see* Kriesche, H. 1-28344
- Zankl, G. *see* Meservey, E.B. 1-24992
- Zannetti, L. Time-dependent method to solve the inverse problem for internal flows 1-15541
- Zannetti, M. Absence of dimensional crossover at the zero-temperature transition in a Bose system 1-23108
- Zannoli, G. *see* Gutierrez, G. 1-45841
- Zannoni, R. *see* Fasoli, U. 1-1047
- Zanonato, P.L. *see* Pasimeni, L. 1-12404
- Zanoni, R. *see* Andreocci, M.V. 1-24192, 1-46019
- Zanoni, R. *see* Stebbins, R.T. 1-27475
- Zanotti, L. *see* Romeo, N. 1-13132
- Zanteson, R.A. *see* Argoud, M.J. 1-37579
- Zanteson, R.A. *see* Menzies, R.T. 1-49403
- Zanotto, B. *see* Diaz, R. 1-22159
- Zanzotto, P.A. Distributions of a family of stochastic equations 1-27870
- Zanzucchi, P.E. *see* Farrell, D.E. 1-8940
- Zanzucchi, P.J., French, W.R. Optical reflectance: a sensitive nondestructive method for detecting surface damage in crystalline GaAs and other semiconductors 1-45859
- Zao-Xun Lu *see* Lu Zao-Xun
- Zaorska, J. *see* Ko, W. 1-10263
- Zaoui, A. *see* Berveiller, M. 1-48413
- Zaoui, A. *see* Berveiller, M. 1-15418
- Zaoui, A. *see* Franciosi, P. 1-12759
- Zaoui, A. *see* Rey, C. 1-21558
- Zapas, L.J. *see* Kearsley, E.A. 1-3812
- Zapas, L.J. *see* McKenna, G.B. 1-1901
- Zapasskii, V.S. *see* Antipin, A.A. 1-26180
- Zapashochni, I.P. *see* Romanuk, N.I. 1-19185
- Zapashochni, I.P. *see* Vukstich, V.S. 1-33564
- Zapashochni, I.P. *see* Opachko, I.I. 1-1140
- Zapashochni, A.I. Resonant structure in the cross sections for electron impact excitation of the lower levels of the Cs⁺ ion 1-29124
- Zapashochni, A.I. *see* Imre, A.I. 1-6392
- Zapashochni, A.I. *see* Pop, S.S. 1-38739
- Zapashochni, I.P. *see* Shpenik, O.B. 1-41485
- Zapevalov, V.A., Reingardt-Nikulin, P.I. Simple circuit for a meter of the integral radiation dose of an accelerator 1-941
- Zapien-Nataren, F. *see* Martinuzzi, S. 1-17206
- Zapka, W., Cotter, D., Brackmann, U. Dye laser frequency tripling at 106 nm 1-41781
- Zaplinski, P., Meschede, D., Plumacher, D., Schlabbitz, W., Schneider, H. Transport properties, lattice constants, susceptibility and specific heat of UPd₃ 1-4698
- Zaporozhchenko, R.G., Kutsak, A.A., Zakharova, I.S. Forced synchronization of modes in gas ring lasers 1-1593
- Zaporozhchenko, V.I., Kalafati, Y.D., Kukharova, Y.A., Sergeev, V.M. Determination of the range of 50-1000 eV electrons in silicon [Auger method] 1-30285
- Zaporozhets, O.I., Tikhonov, L.V. Role of the P to AF₁ phase transition during thermocyclic treatment of polycrystalline Cr 1-38937
- Zaporozhets, S.A. *see* Ableev, V.G. 1-18507
- Zapp, P.E., Birnbaum, H.K. Mobility of hydrogen around nitrogen and oxygen trapping sites—phonon assisted tunneling parameters 1-7384
- Zappala, V. Peculiar shapes of asteroids: implications for light curves and periods of rotation 1-49560
- Zappala, V. *see* Debehogne, H. 1-9407
- Zappala, V. *see* Scaltriti, F. 1-40372
- Zappala, V. *see* Schober, H.J. 1-27409

- Zappala, V. see Tedesco, E.F. 1-9408
 Zapparo, G. see Tommasino, L. 1-51056, 1-51057
 Zappoli, B. On asymptotic solutions of diatomic Boltzmann's equation 1-42121
 Zaprudskii, V.M. see Anisimov, M.A. 1-52293
 Zapryanov, Z.D. see Kailtzoa-Kurteva, P. 1-29651
 Zaraga, F. see Svelto, O. 1-41713
 Zarbakhs, F. see McClelland, J.B. 1-28485
 Zarballe, M.M. see Godzhaev, E.M. 1-7673
 Zarbin, M.A. see Young, W.S. 1-33779
 Zardecki, A. Time-dependent fluctuations in optical bistability 1-1623
 Zardecki, A. Fluctuations of optically bistable systems in the bad-cavity limit 1-46434
 Zardecki, A., Tam, W.G. Pulse propagation in particulate medium 1-19263
 Zare, R.N., Bernstein, R.B. State-to-state reaction dynamics 1-31886
 Zare, R.N. see Webster, C.R. 1-24436
 Zarembo, E., Zolin, D. Diamagnetic shielding of impurities in simple metals 1-26106
 Zarembo, E. see Stott, M.J. 1-7558
 Zarembo, J. see Chiwrot, S. 1-10694
 Zarembovitch, A. Ultrasonic waves and optics 1-37680
 Zarembovitch, J. see Besse, J.-P. 1-20154
 Zarestky, J. see Stassis, C. 1-38481, 1-52244
 Zaretsky, G.A., Kucher, T.I., Telezhin, V.A., Tolpygo, K.B. Force constants of ionic cubic crystals in adiabatic approximation 1-34432
 Zaretskii, A.V., Petrenko, V.F. Investigation of effect of motion of dislocations on electrical conductivity of ZnSe 1-52567
 Zaretskii, D.B. see Gelman, E.B. 1-1411
 Zaretskii, E.F. see Peletskii, V.E. 1-16273
 Zargarian, I.V., Sloutskii, L.S. On the relationship between the electric strength of insulating structures and the characteristics of related electric fields 1-15729
 Zarichnyak, Yu.P., Muratova, B.L. Computation of the heat resistance of composite designs fashioned from heat-insulating materials 1-29516
 Zarichnyak, Yu.P. see Dul'nev, G.N. 1-46657
 Zarichnyak, Yu.P. see Volkov, D.P. 1-16112
 Zaringham, A. see Sawyer, R.F. 1-54534
 Zaripov, M.M. see Khaibullin, I.B. 1-2485, 1-52157
 Zaripov, M.R. see Enikeeva, G.R. 1-31056
 Zaripov, R.G. Statistical mechanics of classical systems 1-50037
 Zaritskii, I.M. see Bratus', V.Ya. 1-34925
 Zaritskii, I.M. see Vikhnin, V.S. 1-26026
 Zaritskii, S.M. see Alekseev, P.N. 1-10421
 Zaritsky, A. see Grover, N.B. 1-32193
 Zarkades, A. see Hu, H. 1-43367
 Zarkhin, M.I. see Baryshnev, Yu.P. 1-18188
 Zarkova, L. see Gerasimov, N. 1-6917
 Zarmi, Y. see Gordon, J.N. 1-13165
 Zarnacki, P. see Gubrynowicz, R. 1-17463
 Zarnitsky, Ju.F. see Izohovskan, N.I. 1-44391
 Zarnitsky, Yu.F. see Pyatsin, A.Kh. 1-44364
 Zarnitsyn, I.G. see Ginzburg, N.S. 1-15134
 Zarnovskis, R. see Kirlyus, V. 1-13450
 Zartov, G.D., Peyeva, R.A., Zafirova, B.S., Antonova, K.A. A new method for constructing narrow-band interference filters with prescribed parameters 1-1679
 Zarubanov, V.V. see Il'inski, A.S. 1-6430
 Zarubin, P.P. Some features of elastic and inelastic scattering of protons with near-barrier energies on intermediate-mass nuclei—a review 1-45498
 Zarubina, A.A. see Dukhovnii, I.S. 1-25847
 Zarubinskaya, L.Ya. see Naumov, N.M. 1-31809
 Zarubo, S.V. see Prokof'eva, L.V. 1-43050
 Zarubova, N. Stress relaxation in Fe-6 at.% Si single crystals 1-43411
 Zarubova, N., Kadekova, S. Plastic deformation of Fe-6 at.% Si single crystals at high temperatures 1-31566
 Zarubova, N., Paidar, V. Solid solution hardening and diffusion 1-43351
 Zarutskii, L.P. see Nalimov, I.P. 1-1519
 Zarvin, A.E., Sharafutdinov, R.G. Formation of supermolecular molecular beams by means of a skimmer 1-41522
 Zarzhitskaya, M.N. see Anan'eva, G.V. 1-39232
 Zarzycki, J. see Bandyopadhyay, A.K. 1-3307
 Zarzycki, J. see Jabra, R. 1-31411
 Zarzycki, J. see Phalippou, J. 1-7253
 Zasadzinski, J. see Arnold, G.B. 1-3108
 Zasadzinski, J. see Libura, W. 1-16830
 Zasadzinski, J. see Wolf, E.L. 1-3112
 Zasavitskii, I.I. see Alimpiev, S.S. 1-46310
 Zasavitskii, I.I. see Glushkov, M.V. 1-1239
 Zasavitsky, I.I. see Koloshnikov, V.G. 1-14957
 Zashkvara, V.V., Ashimbaeva, B.Yu. Improved focusing in electrostatic mirrors with approximately uniform and cylindrical fields 1-24340
 Zasimchuk, E.E., Kravchenko, V.S. Recrystallization induced by dislocation annihilation 1-35274
 Zashimov, V.P. see Kosarev, L.I. 1-31812
 Zaslavskii, O.B., Tsukernik, V.M. Relaxation of impurity spin in one-dimensional X-Y model 1-20935
 Zaslavskii, G.M. Statistics of energy spectra 1-172
 Zaslavskii, R.N., Zaslavskii, Yu.S., Vasil'eva, E.M., Asrieva, V.D., Agnievskii, D.A. Mechanism of the engaging action of tribo-polymer-forming additives in oils 1-31674
 Zaslavskii, S.L. see Gomoyunov, M.V. 1-35593
 Zaslavskii, Yu.S. see Zaslavskii, R.N. 1-31674
 Zaslavsky, A. Increased length may enhance buckling load 1-33920
 Zaslavsky, G.M. see Berman, G.P. 1-49985
 Zaslotskaya, L.A. see Troshchenko, V.T. 1-35387
 Zastavina, E.Z. see Sidorov, L.N. 1-39666
 Zasova, L.V., Ustinov, E.A. Application of the method of discrete ordinates to the solution of the transfer equation in the case of an inhomogeneous planetary atmosphere 1-44456
 Zaspel, C.E. see Drummheller, J.E. 1-34341
 Zastavnyi, A.V. see Korol', V.M. 1-30770
 Zastenko, G.N. see Vaisberg, O.L. 1-9340
 Zastetskaya, Z.K. see Demina, N.I. 1-39390, 1-48429
 Zastrow, U. Airy's stress function for the infinite anisotropic orthotropic, and isotropic disc 1-70
 Zastrow, U. see Rieder, G. 1-80
 Zasyukin, I.M. see Zhukov, M.F. 1-38169
 Zatoski, R. see Bhat, H. 1-11997
 Zats, A.V. see Kozlov, V.F. 1-988, 1-53041
 Zatspein, A.F. see Kortov, V.S. 1-21283
 Zatspein, A.G. see Fedorov, K.N. 1-54274
 Zatspein, G.T., Gavryuseva, E.A., Lopysov, Yu.S. Solar neutrinos and non-radial oscillations of the Sun 1-27459
 Zatspein, G.T., Kopylov, A.V., Shirokova, E.K. Investigation of background processes due to cosmic-ray muons for the chlorine detector of solar neutrinos 1-49467
 Zatspein, G.T. see Barabanov, I.R. 1-671, 1-23984
 Zatspein, N.N., Chernyshev, A.V., Gusak, N.O. Distribution of magnetization in a polycrystalline ferromagnetic with a high demagnetization factor 1-30987
 Zatspein, O.I. see Greben'kov, Zh.A. 1-18735
 Zatspein, S.V. see Sazonov, V.N. 1-18055
 Zatspein, V.G. see Zhdanov, K.A. 1-46925
 Zatspein, V.I. see Gusev, A.A. 1-36152
 Zatulovskii, L.M. see Azoyan, S.E. 1-31332
 Zatulovskii, L.M. see Egorov, L.P. 1-31331
 Zatulovskii, L.M. see Kravetski, D.Ya. 1-31333
 Zatulovskii, L.M. see Tatarchenko, V.A. 1-2361
 Zatz, I. see Hsieh, S.Y. 1-45736
 Zatz, I.J. see Fixler, S.J. 1-6016
 Zaugol'nikov, R.G., Kulyashin, V.N., Lopan, V.R. Reference high-frequency photoammeter 1-23259
 Zausmell, P. see Dietrich, B. 1-29976
 Zausmell, P. see Forster, E. 1-29977
 Zavadil, J. see Walachova, J. 1-47749
 Zavadskii, A.E. Differential method for calculating the degree of crystallinity of cellulose materials 1-29967
 Zavadskii, A.E. Pressure effect on magnetic ordering 1-7834
 Zavadskii, E.A., Kamenev, V.I., Sinel'nikov, B.Ya., Permyakov, V.V. Camera for X-ray studies in static magnetic fields up to 50 kOe 1-45095
 Zavalich, I.G. see Shefer, L.A. 1-31558
 Zavalishin, N.N. see Sagalevich, V.M. 1-32169
 Zavaritskaya, E.I. see Vul, B.M. 1-52640
 Zavaritskii, N.V. see Altukhov, A.A. 1-12099
 Zavaritskii, N.V. see Gikhar, Ya.I. 1-44346
 Zavarzina, V.P., Sergeev, V.A., Stepanov, A.V. Application of the method of smooth perturbations to the optical model at intermediate energies 1-28435
 Zavattini, E. see Bardin, G. 1-45469
 Zavattini, E. see Iacopini, E. 1-40955
 Zavenyagin, Yu.A. see Bogdanov, V.S. 1-335
 Zaveri, F., Jr. see Lee, D. 1-3822
 Zaverukha, M.S. see Freik, D.M. 1-42689
 Zaveta, K. see Schneider, J. 1-25987
 Zavetova, M. see Kimchenko, I.P. 1-30780
 Zavetova, M. see Pajaso, L. 1-31215
 Zavgorodnii, V.S. see Belyakov, A.V. 1-51294
 Zavgorodnii, V.S. see Khaikin, L.S. 1-1401
 Zavilopulo, A.N., Shkoba, B.V., Snegurskii, A.V. Single-component and two-component supermolecular beams 1-23688
 Zavilopulo, A.N. see Shpenik, O.B. 1-41485
 Zavlin, P.M. see Rysaninskaya, N.K. 1-28106
 Zavodnik, V.E. see Gurfuk, S.N. 1-25250
 Zavodnik, V.E. see Shevryev, A.A. 1-30198
 Zavody, A.M. see Emery, R.J. 1-27229
 Zavoiskii, V.N. see Krutikhovskaya, Z.A. 1-27058
 Zavoyskiy, V.N., Markovskiy, V.S. The origin of the relic magnetization of the Ukrainian Shield 1-27062
 Zavt, G.S., Reifman, S.P., Shulichenko, B.V. Energy spectrum of a self-localized hole in neon and argon crystals 1-2903
 Zav'yalov, A.S., Teplukhin, G.N., Gabeev, K.V. Conditions and mechanism of formation of structureless martensite (hardenite) 1-8301
 Zav'yalov, E.N. see Sausen, K.N. 1-43936
 Zawadowski, A. Kondo like state in a simple model for metallic glasses 1-52554
 Zawadowski, A. see Gruner, G. 1-47720
 Zawadzka, E. see Jung, J. 1-30409
 Zawadzka, G.A. see Chou, M.S. 1-37485
 Zawadzka, G.A. see Chou, M.S. 1-41665
 Zawadzki, A. The progress in the production and use of glass fibres 1-48316
 Zawadzki, J. see Torlaschi, E. 1-54160
 Zawadzki, J. IR spectroscopic investigations of the mechanism of oxidation of carbonaceous films with HNO₃ solution 1-5021
 Zawadzki, W. see Swierkowski, L. 1-47508
 Zawislak, F.C. see Baumvol, I.J.R. 1-31077
 Zawislak, F.C. see Bernas, H. 1-34363
 Zayachkovskii, M.P., Pinzenik, V.P., Turyanitsa, I.D. Electronic spin resonance in Fe-activated As-Se and As-Se-I glasses 1-16478
 Zayachuk, D.M. see Gorle, P.N. 1-7621
 Zayachuk, D.M. see Luchitskiy, R.M. 1-21214
 Zayakin, A.A. see Batennin, V.M. 1-51459
 Zayarnyi, V.S. see Chechekin, A.V. 1-52208
 Zayats, V.V. see Gershenson, E.M. 1-3016
 Zayats, V.V. see Belonogov, Yu.D. 1-18265
 Zaytsev, Yu.M. see Bayukov, L.V. 1-36933
 Zazhigin, A.P. see Volod'ko, L.V. 1-12573
 Zazubovich, S.G., Shtan'ko, V.I., Mednikov, A.K., Egembardiev, Zh.E. Application of ionic crystals with anisotropic impurity color centers for optical memory devices 1-8101
 Zhasnik, J.P., Cornish, D.N., Scanlan, R.M., Jewell, A.M., Leber, R.L., Rosdahl, A.R., Chaplin, M.R. Background field coils for the high field test facility 1-51993
 Zhibranov, W.T. see Asatryan, H.R. 1-26030
 Zibinski, Z. see Miniewicz, A. 1-31092
 Zborovskii, V.A., Solomatina, V.A. Ring laser with slow-response feedback between the opposite waves 1-1598
 Zborowska, M., Grylicki, M., Zborowski, J. The preparation and properties of strontium zirconate ceramics for channels of open-cycle MHD generators 1-48308
 Zborowski, J. see Zborowska, M. 1-48308
 Zborucki, A. Resistance-resonance comparator of inductance and capacitance standards 1-5338
 Zdanowicz, L. Employment of optoelectronic transducers in short-circuit laboratories 1-32981
 Zdanowicz, L. see Portal, J.C. 1-52586
 Zdanowicz, W. see Badura, E. 1-32024
 Zdanowicz, W. see Portal, J.C. 1-52586
 Zdarek, J. see Mrkos, J. 1-34413
 Zdarsky, F. see Harmanec, P. 1-9527
 Zdarsky, F. see Kriz, S. 1-40529
 Zdesenko, Yu.G. Experimental setup with proportional chambers—a new instrument for investigation of double beta decay 1-1006
 Zdesenko, Yu.G. Double beta-decay and lepton number conservation 1-23605
 Zdesenko, Yu.G., Kuts, V.N., Mytsyk, I.A., Nikolaiko, A.S. Low-background setup for studying double beta decay 1-1007
 Zdesenko, Yu.G., Mytsyk, I.A., Nikolayko, A.S., Kuts, V.N. Investigation of the double beta decay of ¹³⁰Te 1-5744
 Zduinkowski, W.G., Welch, R.M., Hanson, R.C. Direct and diffuse solar radiation on oriented sloping surfaces 1-49320
 Zduinkowski, W.G., Welch, R.M., Korb, G. An investigation of the structure of typical two-stream methods for the calculation of solar fluxes and heating rates in clouds 1-4612
 Zduinkowski, W.G. see Welch, R.M. 1-4608
 Ze, F. see Estabrook, K. 1-51926
 Ze-fun He see Ze-jun
 Ze-jun Yang see Yang Ze-jun
 Zealcar, B.G. see Holzl, R.A. 1-16731
 Zealey, W.J. see Williams, P.M. 1-54531
 Zebardi, M. Daedalus air table—an evaluation 1-44742
 Zebib, A. see Schubert, G. 1-4483
 Zebriunaitė, V.P. see Aukstulius, Z.J. 1-42799
 Zebroski, E., Dau, G., Smith, R., Stahlkopf, K. Assurance of integrity of LWR pipe and pressure vessels 1-866
 Zebroski, E.L. Review of world progress in LWR safety 1-41188
 Zebrowski, J.J. see Kosinski, R.A. 1-38961
 Zebuth, H.H. see Yousef, Y.A. 1-4551
 Zecca, A. Dirac's superposition of pure states extended to the statistical operators 1-40704
 Zecca, A. see Dalba, G. 1-24252
 Zeccardi, A.V. see Schlesinger, R.B. 1-22170
 Zecchi, E. see Locatelli, M. 1-2715, 1-20335, 1-20487
 Zecchina, A. see Garrone, E. 1-21227
 Zech, E. see Ernst, H. 1-12081
 Zech, E. see Hagn, E. 1-18563
 Zech, G. see Berger, C. 1-5636, 1-10209
 Zech, G. see Berger, C. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
 Zech, G. see Dahmen, H.D. 1-5614
 Zech, G. see Grupe, C. 1-1003
 Zedchina, A. see Bocuzzi, F. 1-52929
 Zediker, M. see Dooling, T.R. 1-38190
 Zediker, M.S. see Boody, F.P. 1-24410
 Zee, A. From baryons to quarks through π^0 decay 1-5625
 Zee, A. see Weldon, H.A. 1-456
 Zee, H. van der see van der Zee, H.

- Zee, R., Wilkes, P. The radiation-induced order-disorder transformation in Cu_3Au 1-20381
- Zee, R.H., Wilkes, P. The radiation order-disorder transformation—initial transient 1-52256
- Zee, Z. Maximal local symmetry 1-50346
- Zeehandelaar, E.P. see Naff, J.T. 1-25109
- Zeeuw, W.J. de see de Zeeuw, W.J.
- Zeevi, Y.Y., Bruckstein, A.M. Modeling of two-phase adaptation in neuronal encoders 1-8845
- Zeevi, Y.Y., Gafni, H. Some aspects of motion perception 1-8877
- Zeff, R.H. see Phillips, S.J. 1-44047
- Zefirov, N.S. see Palyulin, V.A. 1-29133
- Zege, E.P., Katsev, I.I. Reflection and transmission of light by a scattering layer with reflecting boundaries 1-1483
- Zegrya, G.G. see Gurevich, L.E. 1-42737
- Zehbe, A. see Reinhold, U. 1-7371, 1-30446
- Zehetbauer, M. see Adunka, F. 1-25445
- Zehetbauer, M. see Schrank, J. 1-16913
- Zehner, D.M., White, C.W., Ownby, G.W. Si and Ge (11%) surface structures after pulsed laser annealing 1-7433
- Zehnle, L. see Blattmann, K.H. 1-1343, 1-6348
- Zechner, A. see Samoilovich, D.M. 1-10946
- Zeid, I. see Padovan, J. 1-36491
- Zeid, O.A. Abu see Abu Zeid, O.A.
- Zeidler, H. see Cleland, W.E. 1-23522, 1-45360
- Zeiger, H.J. see Henrich, V.E. 1-26323
- Zeigler, B. see Zieger, A. 1-28808
- Zeigler, F. see Cole, J.D. 1-19741
- Zeil, W. see Christen, D. 1-1405
- Zeil, W. see Gohardt, K.F. 1-45947
- Zeile, H. see Lassmann, K. 1-16256
- Zeilik, M., II see Bally, J. 1-9720
- Zeilinger, A. Perfect crystal neutron optics 1-38207
- Zeillinger, A. see Badurek, G. 1-34204
- Zeinally, A.Ch. see Efendiev, Sh.M. 1-52967
- Zeinally, A.Kh., Lebedeva, N.N., Mamedov, A.M., Mordukhaev, A.R. Photoelectret state in the ferroelectrics lead magnesium niobate (PMN) and strontium barium niobate (SBN) 1-43063
- Zeinally, A.Kh. see Vistin', L.K. 1-2325
- Zeinettinova, R.Z., Naumkina, N.I., Tartakovskii, B.D. Vibration damping of tubes by vibration-absorbing coatings 1-37685
- Zeippen, C.J., Le Dourneuf, M., Vo Ky Lan The photoionisation of the ^{20}D and ^{20}P metastable states of atomic nitrogen 1-6215
- Zeiri, Y. see Walker, R.B. 1-48669
- Zeitler, E. Electron detectors 1-41280
- Zeitler, K.-H. see Aueracher, F. 1-37594
- Zeitlin, B.A. see Scudiere, J.D. 1-52733
- Zeitnitz, B. Fast neutron shielding and activation problems in spallation neutron sources 1-18944
- Zeki, H., Appenzeller, I. Two dimensional spectral classification using a computer 1-49533
- Zekovic, L.D., Urosevic, V.V., Panic, B.M. Excitation processes at the electrolyte-electrode interface 1-35098
- Zekovic, L.J.D. see Urosevic, V.V. 1-15025
- Zeks, B. see Blic, R. 1-7235
- Zeks, B. see Ribaric, M. 1-29834
- Zektser, G.O. see Shapovalov, E.T. 1-48607
- Zelac, R., Han, D., Bernsee, J., Myer, G. Cation-radiation: geology field samples 1-9068
- Zelaya-Angel, O., Menezes, C., Sanchez-Sinencio, F., Leal Ferreira, G.F. Electron diffusion and electrochromism in MoO_3 amorphous films 1-48034
- Zel'dina, E.A. Calculation of unsteady viscous liquid flow in complex piping systems 1-29785
- Zel'dovich, A.G. see Agapov, N.N. 1-6063
- Zel'dovich, B.Ya., Orlova, M.A., Shkunov, V.V. Nonstationary theory and calculation of the time of establishment of four-wave wave-front reversal 1-29323
- Zel'dovich, B.Ya., Pilipetskii, N.F., Sudarkin, A.N., Shkunov, V.V. Wave-front reversal by an interface 1-29321
- Zel'dovich, B.Ya., Tabiryan, N.V. Stimulated scattering of light in the mesophase of a smectic liquid crystal 1-1645
- Zel'dovich, B.Ya., Tabiryan, N.V. Mechanism for orienting a polydomain liquid crystal 1-34234
- Zeldovich, B.Ya., Tabiryan, N.V. Self-focusing of light in nematic liquid crystals as a method for investigation of the orienting effect of a free surface 1-34235
- Zel'dovich, B.Ya., Yakovleva, T.V. Spatial-polarization wavefront reversal in stimulated scattering of the Rayleigh line wing 1-1647
- Zel'dovich, B.Ya., Yakovleva, T.V. Distortions of a fine-structure wave pattern due to self-focusing nonlinearity 1-33778
- Zel'dovich, B.Ya. see Baranova, N.B. 1-6616, 1-29954, 1-42297
- Zel'dovich, B.Ya. see Blashchuk, V.N. 1-6615
- Zeldovich, Y. Flame propagation in a substance reacting at initial temperature 1-39639
- Zeldovich, Y.B. On the friction of fluids between rotating cylinders 1-29705
- Zeldovich, Ya.B. The theory of the large scale structure of the Universe 1-9755
- Zel'dovich, Ya.B. Cosmology and the early Universe 1-22938
- Zel'dovich, Ya.B. Creation of particles by gravitational field 1-50029
- Zel'dovich, Ya.B. Cosmological microwave background blackbody radiation and formation of galaxies 1-54666
- Zel'dovich, Ya.B., Synyaev, R.A. Peculiar velocities of clusters of galaxies and average matter density in the Universe 1-32789
- Zel'dovich, Ya.B., Synyaev, R.A. Angular distribution of the microwave background and its intensity in the directions of clusters of galaxies 1-5005
- Zel'dovich, Ya.B. see Aldushin, A.P. 1-31862
- Zeldovich, Ya.B. see Dolgov, A.D. 1-40586
- Zelek, A. see Fleszynski, J. 1-42222
- Zelksion, L.A. see Gavrilenko, V.G. 1-24960, 1-38108
- Zelenay, R. see Wiekowski, A. 1-52435
- Zelenchuk, A.R. Analysis of the possibility of creating a phase shift in signals having required parameters in certain interference schemes 1-10915
- Zelener, M.F. Application of selenium photoelectric cells for measuring low illuminances 1-23289
- Zelenev, Yu.V., Novikov, A.G. Installation for investigating the mechanical relaxation of polymers under hydrostatic compression 1-16995
- Zelenev, Yu.V. see Novikov, A.G. 1-46683
- Zelenina, L.I. see Cherkasov, Yu.A. 1-40885
- Zelenka, J. The polarization effect in LiNbO_3 crystals 1-2111
- Zelenko, Yu.V. see Baikov, Yu.A. 1-20094
- Zelenkina, A.I. see Zaitsevskii, I.L. 1-237
- Zelenkov, A.G., Pchelina, V.A., Rodionov, Yu.F., Chistyakov, L.V., Shukbo, V.M. New measurements of the partial half-lives of an isomeric state of ^{242m}Am 1-28418
- Zelenskaya, N.S., Lebedev, V.M., Serebryakov, A.G. Effect of finite radius of interaction in the distorted-wave method on the nature of the angular distributions of the stripping mechanism 1-50570
- Zelenskaya, N.S., Teplov, I.B. Different versions of the distorted-waves method for describing the characteristics of specific reactions with composite particles 1-28420
- Zelenskaya, N.S., Teplov, I.B., Yushchenko, T.A. The contribution of the individual mechanisms to the elastic scattering of alpha particles at angles close to 180° 1-28488
- Zelenskaya, N.S. see Belyaeva, T.L. 1-45479
- Zelenskii, S.E. see Belyi, M.U. 1-43180
- Zelenskii, V.F., Morozov, A.N., Rekova, L.P. The effect of helium ion irradiation on nickel-oxygen interaction 1-4003
- Zelenskii, V.S. see Guz, A.N. 1-46686
- Zelentsov, V.I., Chertov, V.M. X-ray and thermographic investigations of the hydrothermal modification products of aluminum hydroxide and alumina 1-21783
- Zelentsova, S.A. see Bratkovskii, V.M. 1-8046
- Zelentsov, L.M. see Galeev, A.I. 1-51909
- Zeleny, M. Low fields torque of cubic crystals with easy directions (111) 1-52797
- Zelev, Z.T., Kaschiev, G.S., Marinov, I.V., Penev, I.P., Haralampiev, P.H. A gamma-spectroscopic control method for the enrichment of nuclear fuel 1-23855
- Zeleva, G.M. see Kirovskaya, I.A. 1-7454
- Zelivinskii, A.V. see Gvishiani, A.D. 1-13402
- Zelznik, F.J. Thermodynamics. II. The extended thermodynamic system 1-50080
- Zelichenko, V.M., Samsonov, B.F., Cheglokov, E.I. Excited ^3S states in Li-like ions considering the electron correlation in the core 1-33406
- Zelichenko, V.M., Samsonov, B.F., Cheglokov, E.I. Ion core approximation in calculations of excited atomic states 1-51149
- Zelinskaya, G.M. see Bukhalenko, V.V. 1-2312
- Zell, K.O. see Dewald, A. 1-45402
- Zeller, A.F., Lui, Y.-W., Tribble, R.E., Tanner, D.M. Optical model parameters for the $^{12}\text{C}(\text{Li}^7/\text{Li}^6)^{12}\text{C}$ reaction at 63 and 78.7 MeV 1-5688
- Zeller, A.F. see Clark, P.D. 1-18555
- Zeller, A.F. see England, J.B.A. 1-18564
- Zeller, A.F. see Kemper, K.W. 1-10313
- Zeller, C. see Furdin, G. 1-20952
- Zeller, H.R. Dielectric relaxation in nematic mixtures 1-52891
- Zeller, H.R. see Pietronero, L. 1-2948
- Zeller, R. see Podlucky, R. 1-34653
- Zellner, B. see Le Berre, T. 1-22711
- Zellner, B. see Millis, R.L. 1-54408
- Zellner, B.H. see Hubbard, W.B. 1-40416
- Zellner, B.H. see Reitsema, H.J. 1-40309
- Zellweger, J., Vecsey, G., Horvath, I. Superconducting magnets of the biomedical facility at SIN 1-49125
- Zel'nikov, A.I. see Frolov, V.P. 1-9560
- Zeludzievich, T. see Niczyporuk, B. 1-33175, 1-50421, 1-50447
- Zel'vinskii, M.Ya. see Renard, E.V. 1-28685
- Zelwanova, E. see Musielok, B. 1-4918
- Zemansky, M.W. see Sears, F.W. 1-49892
- Zemel, A., Eger, D. Tunneling current in $\text{PbTe-Pb}_{0.9}\text{Sn}_{0.1}$ heterojunctions 1-12184
- Zemel, A. see Eger, D. 1-25309
- Zemel, A. see Goldberg, M.B. 1-18542
- Zemel, J.N. see Rahnamai, H. 1-30785, 1-30816, 1-42115
- Zeminder, A.K., Paul, S., Paul, R. Refractive indices and orientational order parameter of five liquid crystals in nematic phase 1-21158
- Zemke, W.T., Stwalley, W.C. Radiative transition probabilities, lifetimes, and dipole moments for all vibrational levels in the $X^1\Sigma^+$ state of ^7LiH 1-29043
- Zemke, W.T., Verma, K.K., Vu, T., Stwalley, W.C. An investigation of radiative transition probabilities for the $A^1\Sigma_u^+ - X^1\Sigma_g^+$ bands of Na_2 1-46026
- Zemlin, F. A practical procedure for alignment of a high resolution electron microscope 1-28135
- Zemlo, L. see Augustyniak, W. 1-45425
- Zemlyankin, G.I. see Bandilyat, O.I. 1-4712
- Zemlyankin, G.I. see Danil'chenko, D.P. 1-4568
- Zemlyannikov, Yu.V. see Tomilov, F.Kh. 1-26546
- Zemlyanov, A.A., Kuzikovskii, A.V. Modeling of the gasdynamic regime of an exploding water droplet in a high-power pulsed light field 1-33733
- Zemlyanov, M.G. see Shitikov, Yu.L. 1-52242
- Zemlyanov, M.G. see Syrykh, G.F. 1-25393
- Zemlyanova, L.I. see Grishina, T.A. 1-15762
- Zemlyanskaya, V.Ya. see Miskarli, A.K. 1-12902
- Zemlyanskov, V.A. see Burkanov, G.S. 1-48365
- Zemon, S., Lambert, C., Powazinik, W. Deep radiative transitions in $\text{AlGa}_{1-x}\text{As}_x\text{Sn}$ 1-43173
- Zemskiy, I.F. see Pikashov, V.S. 1-29679
- Zemskov, E.M. see Bel'dyugin, I.M. 1-33723, 1-51553
- Zemskov, V.S. see Chudinov, S.M. 1-52470
- Zemtsova, N.D., Starchenko, E.I. Possibility of the development of cellular segregation entailing the migration of low-angle boundaries 1-12746
- Zen, M. see Bassi, D. 1-51266
- Zenatti, D. see Robic, J.Y. 1-12242
- Zenchenko, V.M., Kuznetsov, A.V., Estulin, I.V., Vedrenne, G., Niel, M., Hurley, K. Preliminary results of a search for γ -ray bursts by the SNEG-2MZ instrument on the Venera 11 and Venera 12 automatic interplanetary stations 1-9732
- Zenchenko, V.M. see Estulin, I.V. 1-49860
- Zenchenko, V.P. see Bersuker, I.B. 1-21136
- Zenczykowski, P. Linear baryons and $\text{SU}(3)$ breaking 1-10104
- Zendel, M., Trautmann, N., Herrmann, G. Decay of $^{85-87}\text{Se}$ to levels in $^{85-88}\text{Br}$ 1-41057
- Zendel, M. see Gaggeler, H. 1-18666
- Zener, C., Greenstein, M. A foam OTEC system 1-8735
- Zeneveld, V. see Ronald, J. 1-19270
- Zenevich, V.A. see Antsirop, G.V. 1-18833
- Zeng Fanjie Sensitization and stabilization of photographic emulsions by triazindolizine stabilizers 1-33077
- Zeng Gao-Jian The irreducible representations and their occupation number in direct multiplication of irreducible representations of SU_3 group 1-45159
- Zeng Jin-Guang, Huang Qiang, Chen Shu-Xing Seismic modelling for complicated subsurface structures 1-54255
- Zeng Jin-yan, Cheng Tan-sheng, Yang Fu-jia Further study on nuclear mass formula 1-18549
- Zeng Qing-cheng Microscopic observation of diffusion distribution of ionized impurities in silicon 1-52346
- Zeng Qunzhu, Xie Yingqin Thermodynamical effects on the Qinghai-Xizang Plateau from the radiation balance and heat balance of the Earth's surface 1-27233
- Zeng-Qi Yu, Si-Ding Zheng, Guo-Yi Wang A new design of hollow cathode lasers with multiple electrodes 1-29293
- Zeng-xun Ren see Ren Zeng-xun
- Zeng-zhong Li see Li Zeng-zhong
- Zenkevich, V.B., Zheltov, V.V., Romanyuk, A.S. Magnetization of a superconducting cylinder by a transverse field 1-25833
- Zenkevitch, V.B., Romanyuk, A.S., Zheltov, V.V. Losses in composite superconductors at high levels of magnetic field excitation. I 1-47788
- Zenkevitch, V.B., Romanyuk, A.S., Zheltov, V.V. Losses in composite superconductors at high amplitudes and rates of field variation 1-47790
- Zenkevitch, V.B., Romanyuk, A.S., Zheltov, V.V. Losses in composite superconductors at a high level of magnetic field excitation. II 1-52702
- Zenkin, A.A. see Giebova, L.A. 1-24064
- Zenkin, A.A. see Kristenko, L.V. 1-6335
- Zenkin, G.M. see Petrov, A.P. 1-13238
- Zenkin, S.V. On derivation of the parity-violating N N potential 1-45250
- Zenkov, D.I. see Pavlovskii, A.I. 1-18931
- Zenkov, V.I. see Zenkova, E.K. 1-3922
- Zenkova, E.K., Polyanskii, V.M., Zenkov, V.I. Rupture activation energy for an aluminum alloy at low stresses 1-3922
- Zennaro, G. see Maltese, M. 1-3388
- Zentani, A.S. see El-Batroukh, S.I. 1-17551

- Zentko, A., Filka, S., Deryagin, A.V., Andreyev, A.V. The anisotropy of the power spectrum of the Barkhausen noise in the UGa₂ single crystal 1-47903
- Zentko, A., Hrebik, J., Sternberk, J., Turan, J. On the magnetic properties of non-stoichiometric UCo₂ compounds 1-47847
- Zentko, A., Svec, T., Diko, P., Miskuf, J., Sternberk, J., Hrebik, J. Magnetic properties of a quasi-binary U(Fe_{0.5}Mn_{0.5}) alloy 1-47863
- Zentko, A. see Potocky, L. 1-47901
- Zentko, A. see Zentkova, A. 1-47902
- Zentkova, A., Zentko, A. On the shape of the power spectrum of the Barkhausen noise 1-47902
- Zentosova, A.S., Chernin, A.D. Evolution of entropy perturbations in the post recombination epoch. II. Nonlinear stage 1-36438
- Zentosova, A.S., Chernin, A.D. Evolution of entropy perturbations in the post-recombination epoch. I. Linear stage 1-9746
- Zepeda, A. see Gasser, J. 1-14323
- Zephath, A.G. see Dellacasa, G. 1-14766
- Zerbi, G., Gussoni, M. Defect modes for (200), GGTGO, tight fold re-entry in polyethylene single crystals 1-30343
- Zerbi, G., Masetti, G., Nannicini, L., Dellepiane, G. Resonance-Raman spectroscopy in biological problems: use of labels 1-35751
- Zerbi, G. see Abbate, S. 1-26186
- Zerbi, G. see Masetti, G. 1-24298
- Zerbini, S. Direct solar and Earth-albedo radiation pressure effects on the orbit of Pegasus 1-13659
- Zerbino, J. see Blondeau, G. 1-35016
- Zerbino, L.M., Rabal, H.J., Garavaglia, M. Compact device for interferometric holography 1-19293
- Zerefos, C.G. see Xanthakis, J. 1-54166
- Zerkin, F.G. see Yudkovskii, S.I. 1-43384
- Zermeno, A. see Kirby, T.H. 1-43942
- Zernaev, V.A. see Nevrovskiy, V.A. 1-43702
- Zerner, M.C. see Loew, G.H. 1-1422
- Zernov, N.N. Scattering of waves of the SW range in oblique propagation in the ionosphere 1-22617
- Zerrouki, A. see Bourgeois, C. 1-45413
- Zerrouki, A. see Schuck, C. 1-10351
- Zerslov, A.A. see Vaisberg, O.L. 1-9340
- Zerull, R.H., Giese, R.H., Schwill, S., Weiss, K. Scattering by particles of non-spherical shape 1-6432
- Zervas, P.M. see Jersak, J. 1-33193
- Zervas, P.M. see Koller, K. 1-5641
- Zervas, P.M. see Laermann, C. 1-5638
- Zervas, P.M. see Peterson, C. 1-14397
- Zerweck, C. On pinning of superconducting flux lines by grain boundaries 1-42930
- Zetta, L. see Gadioli, E. 1-700
- Zetta, L. see Guazzoni, P. 1-37078
- Zettl, F. see Schoch, B. 1-23640
- Zeuch, W.R. Events contributing to internal loading of secondary containment: an integrated approach 1-33328
- Zeuch, W.R., Wang, C.-Y. Analysis of sodium spillage from primary containment following slug impact 1-33323
- Zevakina, R.A., Nangladze, A.A., Smertin, V.M. Interpretation of positive disturbances of the F₂ region 1-4680
- Zevin, L. see Pelleg, J. 1-53156
- Zevin, V. see Hartzstein, C. 1-34473
- Zevin, V. see Levin, R. 1-47593
- Zevin, V. see Raizman, A. 1-34938
- Zewail, A.H. Laser selective chemistry—is it possible? 1-31884
- Zewail, A.H. see Millar, D.P. 1-53748
- Zewen, H. see Schmidt, G. 1-26819
- Zewi, K.G., Rudik, W.J., Corneliusen, R.D., Lind, E.V. The ductile-brittle transition of low-density polyethylene 1-53275
- Zeyen, C.M.E. Separation of thermal diffuse scattering by NSE in diffraction studies 1-34205
- Zeyen, C.M.E. see Bastie, P. 1-52902
- Zeyen, C.M.E. see Filhol, A. 1-15881
- Zeyfang, E. see Bassner, H. 1-40305
- Zeyher, R. Low-frequency, Coulomb-correlated density fluctuations in superionic conductors and their influence on the conductivity 1-7368
- Zeyher, R. see Kelpmann, W.G. 1-36588
- Zeytounian, R.K. see Guiraud, J.P. 1-49328
- Zeytounian, R.K. see Guiraud, J.P. 1-29704
- Zgainski, A. see Carre, M. 1-51280
- Zganjar, E.F. The structure of neutron deficient odd-proton nuclei near the shell closure at Z=82 1-10299
- Zgardovskii, V.I. see Ochkur, A.P. 1-27276
- Zgierski, M.Z. see Siebrand, W. 1-19082
- Zgonik, M. see Copic, M. 1-14131
- Zhabotinskii, M.E. see Aleksandrov, I.V. 1-1713
- Zhabotinskii, M.E. see Babkina, T.V. 1-6671
- Zhabotinskii, M.E. see Belan, V.R. 1-33758
- Zhabotinskii, M.E. see Grigor'yants, V.V. 1-33656, 1-33657
- Zhadan, S.Z., Shchetinina, N.A. Selection of cycle design parameters for solar ejector freon refrigeration machine (SEFRM) 1-13082
- Zhai Di-sheng, Huang Yin-liang Long-term period changes and photometric orbital solution of RZ Draconis 1-40525
- Zhai Hong-ru see Zhang Yu-chang 1-21087
- Zhaklin, A.I. Electroconvective stability of a weakly conducting liquid 1-2088
- Zhaklin, A.I. Electrohydrodynamic instability of a weakly conductive liquid located between spherical electrodes in the presence of weak injection 1-15553
- Zhaklin, A.I. On nonisothermal electroconvection 1-51876
- Zhaklin, A.I., Tarapov, I.E. Electrohydrodynamical instability of a weakly conducting fluid between two cylindrical electrodes with unipolar injection 1-2094
- Zhalsaraev, B.Zh., Meshcheryakov, R.P. Feasibility of nondestructive inspection utilizing the Bremsstrahlung albedo 1-31813
- Zhan Da-san The calculation of intensity distribution for the interference pattern of diffused light 1-46209
- Zhan Ken-hua see Peng Qiu-he 1-40466
- Zhang, B.C. see Luo, Y. 1-8440
- Zhang, F.L. see Lessard, R.A. 1-54273
- Zhang, G.S. see Ma, Z.Y. 1-18691
- Zhang, H.I. Correlation reduction theory for Ising model with spin 1/2 1-30950
- Zhang, N.L. see Barber, D.P. 1-534, 1-28309
- Zhang, R. see Wang, G. 1-8216
- Zhang, Z.W. see Li, H.J. 1-54156
- Zhang An-dung, Zhao Shi-fu, Xie An-yun, Xu Zhong-yi Mechanism of electrical conduction of α -LiO₂ single crystal and its electric conductivity at low temperature 1-20444
- Zhang Bao see Huang Zhong-Xian 1-4434
- Zhang Ben-liang On the problem of mixing of neutral mesons 1-18446
- Zhang Biao-zhe see Yao Nai-yun 1-46996
- Zhang Bing-quan see Cheng Lu 1-46223
- Zhang Cheng-Fu The effect of stochastic magnetic field on the eigenmodes of drift wave 1-42150
- Zhang Chenyi see He Mingzao 1-14169
- Zhang Chuanyi see Chuanyi 1-14169
- Zhang Chun-yuan, Sun Ji-guang, Qing Cheng-rui The calculation of current of maintaining field in toroidal plasma equilibrium 1-19928
- Zhang De-shi, Jia Yao-Lan, Zhang You-Feng A new method for eliminating capacitive error of audio frequency current transformers 1-28032
- Zhang De-shi see De-shi Zhang
- Zhang Detang Microscopic identification of AlN 1-5211
- Zhang Dianlin, Cui Changcheng, Lin Shuyuan, Zhi Shenghui, Wang Zulun Spin-glass transition of Fe₃Mo₃Ni₃ alloy 1-3192
- Zhang Guangyin Comment on 'A stable YAG resonator yielding a beam of very low divergence and high output energy' 1-51517
- Zhang He-qi see Qu Qin-ye 1-40578
- Zhang He-yi Zhang, Yuan-peng, Wan Tai-fu A new photoelastic method for stress analysis 1-29632
- Zhang Hong-jun see Zhao Lin 1-51406
- Zhang Hong-Sheng see Deng L. Qi-Dong 1-4433
- Zhang Hou-mei see Yang Hai-shou 1-40449, 1-40450
- Zhang Jia-jun, Jiang Bu-ji Method of testing the high-temperature deformation of ceramic-shell moulds 1-48618
- Zhang Jialu see Fang Lizhi 1-40517
- Zhang Jing-shang see Zhuo Yi-zhong 1-18671
- Zhang Jing-ye What are really the properties of the triple band forking in ⁶⁸Ge? 1-18568
- Zhang Jing-Ye, Zhang Xi-Zhen On the mechanism of backbending in nuclei ^{162,164}Er, ^{164,166}Yb, and ¹⁶⁸Hf 1-41039
- Zhang Jing-Ye, Zhang Xi-Zhen The rotation alignment effects of g_{9/2} proton pair and neutron pair in ⁶⁸Ge 1-45438
- Zhang Jushui, Chen Jiaguang A titanium carbosulphide phase in alloy steels and superalloys 1-39340
- Zhang Kai-ming, Ye Ling Chlorine chemisorption on the silicon and germanium surface 1-47363
- Zhang Kai-ming, Ye Ling The chemisorption of Al on the GaAs (110) surface 1-47364
- Zhang Ke-su On the geostrophic adjustment process in the atmosphere in the presence of heat sources and dissipation 1-54208
- Zhang Le-hui see Bai Nai-zhi 1-25257
- Zhang Li-min, Shu Pei-yi, Yang Bing-ping, Zhang Zhi-he The average stress fields of Zhamo and Damxung regions in the Xizang Plateau 1-22313
- Zhang Li-Ning Super killing equation and super-symmetry transformation 1-50341
- Zhang Li-Ning, Zhou Zhen-Long Possible space-time manifolds and kinematics 1-49996
- Zhang Li-yuan, Yin Dao-le Energy band theory of heterometal superposed film 1-3031
- Zhang Liang-ping see Li Yi-qu 1-48720
- Zhang Mei-man see Shen Qi-xing 1-18489
- Zhang Pei-lin see Ding Shen-xun 1-338
- Zhang Ping-Hua, Wu Yong-Sheng, Liu Yi-Cheng, Qin Rong-Xian, Wang Guo-Zong Results of using a torque pendulum to observe the lunar eclipse 1-49543
- Zhang Qi-ren Scalar meson field and the average properties of atomic nuclei 1-18587
- Zhang Qi-Ren Relativistic semiclassical theory of condensation 1-45434
- Zhang Ren-ji, Ge Sen-lin, Wu Zi-qin No-standards quantitative EDS analysis of the constituents of binary alloys containing light elements 1-53497
- Zhang Shou-Oing, Tang Liang-An, Wang Wen, Le Shou-Hong The relationship between growth orientation and grain boundary generation in sapphire plate crystals grown by the EFG technique 1-3609
- Zhang Tong see Xiao Ling 1-46772
- Zhang Wei-Xi see Wei Qing-Yun 1-49199
- Zhang Xi-Zhen The possible effect of pairing on yeast traps 1-41038
- Zhang Xi-Zhen, Feng Ren-Fa, Wu Xi-Zhen, Zhuo Yi-Zhong The current distribution in the back-bending region 1-45411
- Zhang Xi-Zhen see Wu Xi-Zhen 1-45410
- Zhang Xi-Zhen see Zhang Jing-Ye 1-41039, 1-45438
- Zhang Xiang-sheng see Cai Shu-zheng 1-25002
- Zhang You-Feng see Zhang De-shi 1-28032
- Zhang Youfeng see Youfeng Zhang
- Zhang Yu-chang, Li Zheng-yu, Jiao Hong-zhen, Zhai Hong-ru A study of Sr ferrite by Mossbauer spectroscopy 1-1087
- Zhang Yu-hong see Cao Xiao-wen 1-3083
- Zhang Yu-liang see Cai Shu-zheng 1-25002
- Zhang Yu-liang see Ding Li-Qi-Dong 1-4433
- Zhang Yu-Ming see Deng L. Qi-Dong 1-41012
- Zhang Yu-Shun see Li Yang-Guo 1-3088
- Zhang Yuheng see Cao Xiaowen 1-18505
- Zhang Yushun see Chen Xiaotian 1-18505
- Zhang Zhang He-yi see Zhang He-yi Zhang
- Zhang Zhao-qing Random systems with inhomogeneous concentration 1-20600
- Zhang Zhao-qing Diagrammatic equivalent of coherent potential approximation for disordered n-component alloys 1-52459
- Zhang Zhe-yu see Guo Ji-hua 1-336
- Zhang Zheng-Gang see Wang Ming-Zhong 1-45168
- Zhang Zhenyu Geometry of the diffraction in Gandolfi camera 1-34200
- Zhang Zhi-he see Zhang Li-min 1-22313
- Zhang Zhi-Li, Gu Ji-Cheng, Liu Wan-Qin, Li Qin-Zu, Jin Ya-Min, Yang Mao-Yuan The fracture processes of the Tangshan earthquake and its mechanical analysis 1-9084
- Zhang Zhi-Xiang The trajectory of the extraordinary ray as the crystal rotates 1-43093
- Zhang Zhi-you Lin Lin see Lin Lin Zhang Zhi-you
- Zhang Zhong-hua see Zhong-hua Zhang
- Zhang Zong-Ye see Liu Bo 1-41148
- Zhao, S. see Teimait, B.W. 1-53550
- Zhao De-shan, Peng Xian-an, Hong Zhong-xiang An experimental study of wind profile over inhomogeneous ground in the atmospheric surface layer 1-27244
- Zhao Enguang see Enguang Zhao
- Zhao Guo-qing see Cheng Huan-sheng 1-25544
- Zhao Hong-Sheng The characteristics of atmospheric pressure field before strong and moderate earthquakes occurred in Yunnan province 1-4431
- Zhao Honggang, Chen Lianshan, He Zhonglin, Chang Mian Symmetry division of molecular orbital graph by image-graphical method 1-24042
- Zhao Liang-zhong Monolayer surface analysis by low energy ion scattering spectroscopy and static secondary ion mass spectroscopy 1-25545
- Zhao Lin, Yan Shu-qin, Wang Dan-lian, Xiao Jing-xiao, Zhang Hong-jun, Dai Jian-hua A method of increasing the diffraction efficiency of hologram 1-51406
- Zhao Lu-Wen see Xu Li-wen 1-52927
- Zhao Shi-fu see Zhang An-dung 1-20444
- Zhao Shu-ping A description of a theoretical model of π condensation 1-5506
- Zhao Shu-ping Calculation of the elastic scattering cross section of energetic electron by ⁴⁰Ca nucleus in consideration of the influence of 'pion condensation' 1-18644
- Zhao Shu-Song see Peng Shou-Li 1-45301
- Zhao Shu-tao see Gao Zhi 1-1542
- Zhao Tongwu A study of the efficiency of percussive penetration by wave theory 1-51712
- Zhao Wanyun Structure function of pion in a covariant parton model 1-36864
- Zhao Wei-Qin see Lu Shi-Qi 1-45478
- Zhao Xuepu Fluid description of solar wind plasma 1-4736
- Zhao Yan-zeng, Tao Li-jun, Hao Nan-jun An experiment of slant visibility measurement by lidar 1-22496
- Zhao Yu-Lin see Qian Fu-Ye 1-9088
- Zhao Zhen-Lan see Feng Xi-Zhang 1-41287
- Zhao Zhi-zheng see Sun Xi-jun 1-10349
- Zhao Zhong-xiam see Ji Guang-da 1-7773
- Zhao Zhong-Xin see Li Jia-Ming 1-51162
- Zhao-bin Su see Guang-zhao Zhou 1-9962
- Zhao-Bin Su see Su Zhao-Bin
- Zhao-Nian Cheng see Cheng Zhao-Nian

- Zhao-qing Zhang *see* Zhang Zhao-qing
 Zhaolin You *see* You Zhaolin
 Zharikov, E.V. *see* Basiev, T.T. 1-12583
 Zharikov, E.V. *see* Kitaeva, V.F. 1-21221
 Zharikova, O.N. *see* Shtremel', M.A. 1-3886
 Zharinov, E.V. *see* Chernyshev, V.K. 1-33027
 Zharkikh, Yu.S., Lysochenko, S.V., Moskalenko, N.I., Polischuck, Yu.Ya. Investigation of boron-doped ion-implanted layers in silicon using the Hall-current method 1-30772
 Zharkov, A.P. *see* Evdokimov, M.A. 1-18204
 Zharkov, G.F., Zaikin, A.D. Superconducting DC SQUID interferometer in magnetic field 1-9999
 Zharkov, G.F. *see* Arutyunyan, R.M. 1-42905
 Zharkov, G.F. *see* Gulian, A.M. 1-20919
 Zharkov, G.F. *see* Gulyan, A.M. 1-42906
 Zharkov, I.P., Kondratenko, P.A., Kurik, M.V. Optical properties and photodissociation of diazonium salts 1-3435
 Zharkov, V.N. *see* Akopyan, S.Ts. 1-9100
 Zharkov, V.N. *see* Dorofeyev, V.M. 1-13428
 Zharkova, V.V. *see* Morozhenko, N.N. 1-54440
 Zharomokis, R.B. *see* Kirilis, V.I. 1-22353
 Zharov, A.A. *see* Brodski, Yu.Ya. 1-46893
 Zharov, A.I., Mikhalev, M.S., Grishina, V.E. Effect of chemical composition and structure on the brittleness of steel G13L 1-48492
 Zhashkov, A.A. *see* Rez, I.S. 1-3337
 Zhavoronkov, N.M. *see* Kvurt, Yu.P. 1-46799
 Zhabanov, R.G. *see* Andrianov, V.M. 1-33442, 1-33443
 Zhabanov, A.M. *see* Kurvyakova, L.M. 1-21639
 Zhabdikhin, V.P. *see* Kochetov, V.S. 1-16984
 Zhdan, P.A., Lastushkina, G.Y., Khasin, A.V. Adsorption of oxygen on silver: combined study by XPS, XAS, and UPS 1-31303
 Zhdanok, S.A., Kochetov, I.V., Kurnosov, A.K., Napartovich, A.P., Pevgov, V.G., Starostin, A.N. Analytical theory of steady generation of an overtone of the CO molecule 1-46303
 Zhdanok, S.A. *see* Baizade, K.V. 1-2138
 Zhdanov, A.A. *see* Efimov, V.A. 1-41007
 Zhdanov, A.V., Satunkin, G.A., Tatarchenko, A.A., Tal'yanskaya, N.N. Cylindric pores in a growing crystal 1-30111
 Zhdanov, B.V. *see* Kovrighin, A.I. 1-19392
 Zhdanov, G.B. *see* Bondarenko, V.M. 1-17747
 Zhdanov, G.S. *see* Kyashkin, V.M. 1-3669
 Zhdanov, I.M., Kasatkin, S.B. Effect of local residual stresses close to notch roots and cracks on the ductility reserve of metal 1-31556
 Zhdanov, K.A., Zatspein, V.G., Lazarev, V.B., Tischenko, E.A. Use of scanners in diagnostics of moving plasma 1-46925
 Zhdanov, K.R., Matizen, E.V., Nikoforov, A.A., Starikov, M.A. Device for measurement of heat capacity of small specimens in the range 10-20K 1-5315
 Zhdanov, M.S. Cauchy integral analogues for the separation and continuation of electromagnetic fields within conducting matter 1-22206
 Zhdanov, M.S. *see* Shraibman, V.I. 1-54265
 Zhdanov, V.G., Kostov, E.G., Malinovsky, V.K., Pokrovsky, L.D., Sterelyukhina, L.N. Characteristic features of dielectric nonlinearity of strontium barium niobate films 1-26127
 Zhdanov, V.M., Turdakina, V.A., Dvoretzky, G.A., Vishnyakov, A.V., Kovtunen, P.P. Low-temperature specific heat of CdGa_2Se_4 1-20417
 Zhdanov, V.M. *see* Zhuravskii, V.M. 1-3802
 Zhdanov, V.P. Lattice-gas model of bimolecular reaction on surface 1-35577
 Zhdanov, V.P. Scattering phases for the extended X-ray absorption fine structure 1-41338
 Zhdanova, N.F. *see* Albul, V.I. 1-23993
 Zhdanova, N.G., Kagan, M.S., Suris, R.A., Fuks, B.I. Electrical transient processes in compensated germanium 1-38786
 Zhdanova, T.A. *see* Maksimov, B.A. 1-25222
 Zhdanova, V.V., Zaitsev, A.A., Pogodin, V.I., Sergeev, V.P., Uvarov, A.A. Galvanomagnetic mechanical displacement transducers in dilatometry 1-15385
 Zhdanova, V.V. *see* Andrianov, G.O. 1-20348
 Zhe-yu Zhang *see* Zhang Zhe-yu
 Zhe-zhu Zhang *see* Zhang Zhe-zhu
 Zhebrovskii, Yu.V. *see* Get'man, V.A. 1-10230
 Zhebrovskii, Yu.V. *see* Gorbelenko, V.G. 1-572
 Zhecheva, E. *see* Angelov, S. 1-7814
 Zhedanov, A.S. *see* Granovskii, Ya.I. 1-27826
 Zhegina, I.P. *see* Tkachenko, E.A. 1-48392
 Zhekov, V.I., Zubov, B.V., Lobachev, V.A., Murina, T.M., Prokhorov, A.M., Shevel', A.F. Mechanism of a population inversion between the $^1I_{1/2}$ and $^1I_{3/2}$ levels of the Er^{3+} ion in $\text{Y}_2\text{Al}_2\text{O}_7$ crystals 1-1573
 Zhekov, V.I. *see* Bagdasarov, Kh.S. 1-51490
 Zheleznitskii, S.V. *see* Tsaturyan, A.K. 1-49044
 Zheldonozhskii, W.A. *see* Wischniewski, I.N. 1-18605
 Zheleznikov, S.R. *see* Goschinskii, I.V. 1-32746
 Zhelev, V. *see* Astrov, Yu. 1-21313
 Zheleva, N.N., Kushev, D.B. Plasma reflectivity of tin telluride epitaxial films 1-39166
 Zheleznyakov, V.V., Kocharovskii, V.V., Kocharovskii, V.I.V. Linear wave coupling in the optics of liquid crystals 1-30054
 Zheleznyakov, V.V., Zlotnik, E.Ya. Thermal cyclotron radiation from solar active regions 1-4866
 Zheleznyakov, V.V., Zlotnik, E.Ya. Thermal cyclotron radio emission of neutral current sheets in the solar corona 1-36255
 Zheleznykh, I.M. *see* Mikaelian, K.O. 1-14368
 Zheleskova, A. *see* Derzhanski, A. 1-16047
 Zheifonov, M.P. Interdependent planar Ising lattices 1-50065
 Zheltonoga, L.A., Gabriellov, I.P. Characteristics of crack growth in sintered materials 1-12867
 Zheltonozhskii, V.A. *see* Babenko, V.V. 1-667
 Zheltonozhskii, V.A. *see* Vishnevskii, I.N. 1-23584
 Zheltoi, G.I., Panova, L.M., Rubanov, A.S. Efficiency of dynamic diffraction gratings in solutions of thiocarbocyanine dyes 1-6507
 Zheltoi, V.V. *see* Zenkevich, V.B. 1-25833
 Zheltoi, V.V. *see* Zenkevitch, V.B. 1-47788, 1-47790, 1-52702
 Zhehlukhin, A.A. *see* Volkov, D.V. 1-38920
 Zheludev, I.S., Konstantinov, L.V. Nuclear power in the USSR 1-875
 Zheludev, N.I. *see* Kovrighin, A.I. 1-19392
 Zhen Yang *see* Duan Feng 1-15217
 Zhen Yang *see* Yang Zhen
 Zhen-fu Wan *see* Wan Zhen-fu
 Zhen-he Zhu *see* Zhu Zhen-he
 Zhen-hua Lin *see* Lin Zhen-hua
 Zhen-hua Ma *see* Ma Zhen-hua
 Zhen-Lan Zhao *see* Zhao Zhen-Lan
 Zhen-liang Shi *see* Shi Zhen-liang
 Zhen-Long Zhou *see* Zhou Zhen-Long
 Zhen-mao Liu *see* Liu Zhen-mao
 Zhen-ru Wang *see* Wang Zhen-ru
 Zhen-wei Ni *see* Ni Zhen-wei
 Zhen-wu Xu *see* Xu Zhen-wu
 Zhen-xing Cui *see* Cui Zhen-xing
 Zhen-xing Yao *see* Yao Zhen-xing
 Zhen-ya Ou *see* Ou Zhen-ya
 Zhen-Yuan Cui *see* Cui Zhen-Yuan
 Zheng, J.Q. *see* Felcher, G.P. 1-12263
 Zheng Chao-de, Qin Jin-zi, Gu Yuan-xin, Zheng Qi-tai Determination of isosarmentisin crystal structure. I 1-52124
 Zheng Da-wei, Huang Hui-yu, Liao De-chun, Luo Shi-fang Improvement of the Universal Time Service by means of AR series model 1-44064
 Zheng Deshui, Ji Suxue, Chen Ping, Bai Qun A study on permeability of the positive image receiving layer 1-36750
 Zheng Jian-qing, Zhou Hong-nan Numerical simulation of three-dimensional gravitating system of colliding masses 1-36490
 Zheng Jian-xuan *see* Pan Yu-yang 1-48323
 Zheng Qi-tai *see* Fan Hai-fu 1-25242, 1-52093
 Zheng Qi-tai *see* Li Peng-fei 1-25119
 Zheng Qi-tai *see* Zheng Chao-de 1-52124
 Zheng Qing-zhang, Cui Shi-zhi Torsional pendulum—a possible antenna for detecting low frequency gravitational waves 1-18140
 Zheng Qingzhang, Cui Shizhi A tunable gravitational wave antenna 1-27852
 Zheng Rong-Ting *see* Chen Ying-Xuan 1-49465
 Zheng Si-Ding *see* Si-Ding Zheng
 Zheng Wei-Mou Electronic states in systems with reconstructed overlayers 1-25781
 Zheng Xi-Te *see* Wang Ming-Zhong 1-45168
 Zheng Xiangyuan *see* Li Cunti 1-32350
 Zheng Yijia On the origin of redshift of interaction of electromagnetic wave with free electron 1-37388
 Zheng Yong-hua *see* Chai Cheng-wu 1-1850
 Zheng Yu-kun On the problem of the energy of gravitational field 1-49997
 Zheng Yunrong, Cai Yulin The formation of Ni_3Hf and the secondary carbide in hafnium-bearing cast superalloys 1-39339
 Zheng Zhe-zhu Spontaneous symmetry breaking and gauge theories 1-5507
 Zheng-da Wang *see* Wang Zheng-da
 Zheng-Gang Zhang *see* Zhang Zheng-Gang
 Zheng-liang Pan *see* Pan Zheng-liang
 Zheng-ming Fu *see* Fu Zheng-ming
 Zheng-Ming Luo *see* Luo Zheng-Ming
 Zheng-qin He *see* He Zheng-qin
 Zheng-Sheng Fei A new construction of the mutual inductor used as quadrature standard 1-36617
 Zheng-yi Xu *see* Xu Zheng-yi
 Zheng-yu Li *see* Li Zheng-yu
 Zheng-zhu Sun *see* Sun Zheng-zhu
 Zhenjing Hou *see* Hou Zhenjing
 Zhenyu Zhang *see* Zhang Zhenyu
 Zhereb, V.P., Kargin, Yu.F., Skorikov, V.M. Automatic viscosimeter for investigation of melts 1-19842
 Zherebchevskii, D.E., Naberezhnykh, V.P., Chabanenko, S.N. Skin effect in a metal film under symmetric RF excitation 1-47694
 Zherebtsova, L.I. *see* Kabanov, I.S. 1-1643
 Zhernov, A.P., Malov, Yu.A. Superconducting transition temperature of an anisotropic superconductor containing static impurity atoms 1-25822
 Zhernov, A.P. *see* Panova, G.Kh. 1-12093
 Zhestkov, B.A. *see* Glazkov, V.V. 1-1929
 Zhestkov, V.F. *see* Shevchenko, N.B. 1-34971
 Zhetbaev, A.K. *see* Dosmagambetov, T. 1-12444
 Zhevandrov, N.D., Il'inykh, T.V., Vitukhnovskii, A.G. Method for measurement of the polarization of the luminescence of an impurity on the surface of molecular crystals 1-52986
 Zhevandrov, N.D. *see* Verbitskii, S.S. 1-52498
 Zhevandrov, N.D. *see* Vitukhnovskii, A.G. 1-30640
 Zhevon, A.N., Sidorik, V.V., Tkachev, V.D. Effect of noble gas atoms on the energy spectrum of defects in semiconductors 1-30663
 Zhgenti, V.S., Gyuntner, A.F., Meunargiya, T.V., Tskhadaya, F.G. Solution of problems of the theory of plates and shells by I.N. Vekua's method 1-6783
 Zhi Cai Huang *see* Gui Xin Wang 1-29261
 Zhi Gao *see* Gao Zhi
 Zhi Shenghui *see* Zhang Dianlin 1-3192
 Zhi-chao Li *see* Li Zhi-chao
 Zhi-fang Chang *see* Chang Zhi-fang
 Zhi-gang Xiao, Bai-lin Jiang, Chi-mei Hsiao Calculation of the pressure inside the hydrogen induced cracks in silicon single crystals 1-53279
 Zhi-Gang Xiao *see* Xiao Zhi-Gang
 Zhi-he Zhang *see* Zhang Zhi-he
 Zhi-Li Zhang *see* Zhang Zhi-Li
 Zhi-wei Gao *see* Gao Zhi-wei
 Zhi-wei Lin *see* Lin Zhi-wei
 Zhi-wei Xu *see* Xu Zhi-wei
 Zhi-wen Zhu *see* Zhu Zhi-wen
 Zhi-Xiang Zhang *see* Zhang Zhi-Xiang
 Zhi-Xu Cheng *see* Cheng Zhi-Xu
 Zhi-ying Wang *see* Wang Zhi-ying
 Zhi-you Lin Lin Zhang *see* Lin Lin Zhang Zhi-you
 Zhi-zheng Zhao *see* Zhao Zhi-zheng
 Zhiben, G. Effect of transmission of pulsed high-power 10.6 μm laser on atmosphere 1-4617
 Zhichang Wang *see* Wang Zhichang
 Zhicheng Tan *see* Tan Zhicheng
 Zhide Liang *see* Liang Zhide
 Zhidkov, A.G., Marchenko, V.S. The role of runaway electrons in the kinetics of impurity ions 1-38081
 Zhidomirov, G.M. *see* Abronin, I.A. 1-33389
 Zhidomirov, G.M. *see* Grinval'd, I.I. 1-6165
 Zhigalkin, V.M. Character of strain-hardening of a ductile material. I 1-26500
 Zhigalkin, V.M. Character of strain-hardening of a ductile material. II 1-31485
 Zhigalova, E.B. *see* Sokolova, I.V. 1-35502
 Zhigareva, N.K. *see* Veshko, N.A. 1-42565
 Zhigulev, S.V. *see* Bozhkov, V.M. 1-51800
 Zhigun, A.P. *see* Skoblo, A.V. 1-48608
 Zhigun, I.G., Morozov, O.A., Radimov, N.P. Influence of thermal treatment of the matrix on the mechanical properties of carbon plastics 1-16822
 Zhigun, I.G., Polyakov, V.A., Mikhailov, V.V. Compression testing of composites 1-31795
 Zhigunov, V.P., Nikitin, S.G., Perelygin, V.F., Spiridonov, A.A. Consideration of multiple scattering and muon momentum estimation in multiplate magnetic spectrometer 1-45772
 Zhihua Zhou *see* Zhou Zhihua
 Zhiyu Cui *see* Cui Zhiyu
 Zhikharev, V.A. *see* Belanin, A.L. 1-31016
 Zhikharev, V.A. *see* Vodopyanov, B.P. 1-20906
 Zhikharev, Yu.V. *see* Velikodnyi, L.N. 1-53356
 Zhilich, A.G., Kyuner, B.K. Many-band approximation in the theory of diamagnetic excitons 1-21178
 Zhilik, K.K. *see* Chernov, S.M. 1-29397
 Zhitkov, V.P. *see* Batrakov, V.P. 1-53348
 Zhilin, A.N. *see* Alekseev, V.N. 1-51538
 Zhilin, V.V. *see* Britan, A.B. 1-19778
 Zhilinskias, E. *see* Dikchys, G. 1-1579
 Zhilinskii, B. *see* Dement'ev, A.I. 1-14812
 Zhilinskii, A.P., Kutev, B.V., Larinov, M.M., Lebedev, A.D., Mikhaev, S.S., Nikiforov, V.A., Rozhanskii, V.A., Tsendin, L.D. Investigation of impurity transfer in microparticle injection into Tokamak FT-1 experiments 1-2161
 Zhilkin, A.M. *see* Usov, V.S. 1-46534
 Zhilkin, G.P. *see* Basov, N.G. 1-6597
 Zhilkin, V.A. Criteria for the determination of optical transducer properties 1-31785
 Zhil'tsova, L.Y. *see* Matveeva, E.N. 1-28806
 Zhiyaev, I.N., Kopylov, V.N. Longitudinal thermopower of bismuth 1-20781
 Zhiyaev, V.A. *see* Volkov, V.I. 1-53180
 Zhiyaev, Yu.V. *see* Ashkinazi, G.A. 1-34786
 Zhiyaev, S.M., Ivlova, G.V., Naiden, E.P., Simontseva, T.N. Magnetic phase transitions in the system of Y-Sc iron garnets 1-52780
 Zhiyakov, S.M., Mal'tsev, V.I., Naiden, E.P. Magnetic structure of Y-Fe-Sc garnets 1-20961
 Zhimerin, D.G., Bashilov, V.A., Bashkurov, Yu.A., Polinchuk, N.N., Serebrennikov, Yu.A. Superconducting dipolar magnetic systems with a saddle-shaped winding of a ribbon of the intermetallic compound Nb_3Sn 1-308

- Zhingarev, M.Z., Korol'kov, V.I., Mikhailova, M.P. Use of heterostructures to improve avalanche photodiodes 1-34787
- Zhingarev, M.Z., Korol'kov, V.I., Mikhailova, M.P., Sazonov, V.V., Tret'yakov, D.N. Avalanche multiplication and coefficients of impact ionization in p-n homojunctions and heterojunctions made of GaSb and its solid solutions 1-34783
- Zhingarev, M.Z. see Bert, N.A. 1-25590
- Zhitarr', V.F. see Vinogradov, E.A. 1-3417, 1-8062
- Zhitarev, V.E., Okuneva, N.M., Stepanov, S.B., Slutsker, A.I. Singularities of low-angle scattering of cold neutrons in various metals 1-25123
- Zhitarr', V.P. see Boyarskaya, Yu.S. 1-52142
- Zhitenev, R.V. see Markoshev, V.M. 1-17005
- Zhitkova, T.N. see Kisil', Yu.K. 1-39599
- Zhituhin, A.M. see Alipchenkov, V.M. 1-19949
- Zhitnik, I.A. see Korneev, V.V. 1-36259, 1-36260
- Zhitnik, I.A. see Sylwester, B. 1-49598
- Zhitnikov, R.A., Peregrud, D.P. ESR studies of silver atoms fixed on the surface of aluminosilicates 1-52839
- Zhitnikov, R.A. see Batyagin, V.V. 1-33414
- Zhitnikov, R.A. see Davotn, N.A. 1-34040
- Zhitnikova, L.V. Structure and properties of stainless Cr-Ni steel 08Kh20Ni2ABF 1-48433
- Zhitomirskii, R.A. see Fesenko, E.G. 1-43074
- Zhivopistsev, F.A., Rzhetskii, E.S. Elastic scattering and the structure of highly excited states of nuclei 1-28382
- Zhivopistsev, F.A., Rzhetskii, E.S. Self-consistent optical potential for ^{12}C nucleus 1-28475
- Zhivopistsev, F.A. see Goncharova, N.G. 1-50566
- Zhivopistsev, F.A. see Vladimirov, V.A. 1-33218
- Zhizhin, G.N., Moskalova, M.A., Shomina, E.V., Yakovlev, V.A. Determination of the optical constants of metals in the infra-red range from data on the propagation of surface electromagnetic waves 1-26155
- Zhizhin, G.N. see Allahverdiev, K.R. 1-35042
- Zhizhin, G.N. see Vinogradov, E.A. 1-3417, 1-8062, 1-47411
- Zhmak, V.A. see Vasil'ev, V.G. 1-43301
- Zhmakin, A.I., Lun'kin, Yu.P., Fursenko, A.A. Numerical study of the flow structure in an MHD channel 1-24893
- Zhmakin, L.I. see Shpil'man, E.E. 1-42551, 1-52315
- Zhmenyuk, Yu.V. see Vukstich, V.S. 1-33564
- Zhmudskii, S.M. see Krendele, F.P. 1-44344
- Zhmudskii, A.Z., Molebny, V.V., Ovechko, V.S., Steba, A.N., Strizhevskii, V.L. Resonant parametric frequency conversion in gases 1-1632
- Zhmurkin, V.P. see Vodolazskii, L.A. 1-22084
- Zhmurova, Z.P. see Alloxanok, E.M. 1-31340
- Zhmukhov, G.V. see Samsonenko, N.D. 1-31026
- Zhmyleva, V.M. see Borzykh, A.A. 1-12698
- Zamyreva, I.A., Kolobkov, V.P., Lunter, S.G., Fedorov, Yu.K. Quenching of luminescence of rare-earth ions in protonated and deuterated phosphate glasses 1-43179
- Zhoga, L.V. see Stepanov, V.A. 1-3925
- Zhoga, V.V., Chernyshev, V.M. Vibrating-absorbing properties and oscillations of rods with damping coatings 1-15433
- Zhogolev, D.A. see Bugaets, O.P. 1-37109
- Zhogolev, D.A. see Marushko, I.A. 1-42672
- Zhogov, L.M. see Georgobiani, A.N. 1-47105
- Zhogov, L.M. see Vyskubov, V.P. 1-46919
- Zholentz, A.A., Kurdadze, L.M., Lelchuk, M.Y., Mishnev, S.I., Nikitin, S.A., Pakhtusova, E.V., Petrov, V.V., Protopenov, I.Ya., Saldin, E.L., Sidorov, V.A., Skrinsky, A.N., Tumaikin, G.M., Chilingarov, A.G., Shatunov, Yu.M., Shwartz, B.A., Eidelman, S.I., Eidelman, Yu.I. High precision measurement of the Ψ^- and Ψ'^- meson masses 1-14381
- Zholnin, A.G. see Zaluzhnyi, A.G. 1-5851
- Zhong, G.Z., Bryant, F.J. Direct current electroluminescence and the neodymium luminescence centre in Nd-doped ZnS thin films 1-3495
- Zhong Gao-qi see Ying Chong-Fu 1-46647
- Zhong Ji-Quan a correlative treatment of dynamics and diffusion equations in deep inelastic collisions 1-41093
- Zhong Ji-Quan see Ge Ling-Xiao 1-45531
- Zhong Li Xing see Xing Zhong Li
- Zhong Quan-de Double degenerate four-wave mixing in plasma 1-46889
- Zhong Xiangchong Some aspects in the technical developments of LD refractories in China 1-39284
- Zhong Zai-Zhe The conformastat flat solution and the normality of the energy-momentum pseudo-tensor of gravitational field in the theory of gravitation 1-50019
- Zhong-guang Wang see Wang Zhong-guang
- Zhong-Heng Guo see Guo Zhong-Heng
- Zhong-hua Zhang see Deh-shi Zhang 1-36694
- Zhong-lin Gong see Gong Zhong-lin
- Zhong-min Yu see Yu Zhong-min
- Zhong-qi Ma, Tung-sheng Tu, Pei-yu Xue A new criterion for constructing SU(N) grand unified models and residual discrete symmetry 1-50359
- Zhong-Qi Ma see Ma Zhong-Qi
- Zhong-Qiang Yu see Yu Zhong-Qiang
- Zhong-xiam Zhao see Zhao Zhong-xiam
- Zhong-Xian Huang see Huang Zhong-Xian
- Zhong-xiang Chen see Chen Zhong-xiang
- Zhong-xiang Hong see Hong Zhong-xiang
- Zhong-Xin Zhao see Zhao Zhong-Xin
- Zhong-yi Hua see Hua Zhong-yi
- Zhong-yu Ma see Ma Zhong-yu
- Zhong-zhen Ji see Ji Zhong-zhen
- Zhongjiu Lu see Lu Zhongjiu
- Zhonglin He see He Zhonglin
- Zhongwei Hu see Hu Zhongwei
- Zhongxiang Chen see Chen Zhongxiang
- Zhornyak, A.F., Olikar, V.E. Reduction and decarburizing annealing of atomized powders of an Fe-Ni-Mo-C alloy 1-31385
- Zhornyak, A.F., Olikar, V.E., Morgun, G.N., Volkogon, G.M. Correlation between some properties of atomized iron powders and materials produced from them by hot forging 1-53136
- Zhorovkov, M.F. see Naumov, I.I. 1-12016, 1-47147
- Zhorovkov, M.F. see Psakh'e, S.G. 1-15921
- Zhou, F.G., Cai, Q.G. A fracture mechanics analysis of low cycle fatigue in a superalloy 1-1883
- Zhou, J.M., Baba, S., Kinbara, A. Two-dimensional condensed phases of In on Si(III) surfaces 1-30583
- Zhou, X.Y. see Luo, Y. 1-8440
- Zhou, Z. see Kyte, F.T. 1-32441
- Zhou Bing-tai see Yi Pei-rong 1-40036
- Zhou Cheng-bing see Liu Shi-jie 1-22499
- Zhou En-ji see Wang Yong-Ling 1-15355
- Zhou Guang-Zhao, Chou Kuang-Chao, Gao Chong-Shou Some discussions on the SU(3)×U(1) electro-weak unified model of leptons and quarks 1-45188
- Zhou Guang-zhao, Gao Chong-shou Unified electro-weak model in SU(3) 1-18423
- Zhou Guang-zhao, Hao Bai-lin, Yu Lu Nonequilibrium statistical field theory and critical dynamics. II. Lagrangian field theory formulation 1-160
- Zhou Guang-zhao, Su Zhao-bin Time reversal symmetry and non-equilibrium statistical stationary states. I 1-50039
- Zhou Guang-Zhao, Su Zhao-Bin, Hao Bai-lin, Yu Lu Nonequilibrium statistical field theory and critical dynamics. I. Generalized Langevin equation 1-159
- Zhou Guang-zhao see Guang-zhao Zhou
- Zhou Guangzhao, Xian Dingchang Disorder parameter and duality 1-23407
- Zhou Hong-Lai see Zong You-Tai 1-47315
- Zhou Hong-nan see Zheng Jia-qing 1-36490
- Zhou Jun Ming see Jun Ming Zhou
- Zhou Le-zhu, Xu Cheng-he, Gong Zhong-lin General theory of open resonator with rotational symmetric waveguides 1-51436
- Zhou Lixing see Tan Zhicheng 1-39501
- Zhou Qi see Pei Rongxian 1-23332
- Zhou Ruling see Xia Jianbai 1-19900
- Zhou Shu-qin see Qian Ren-yuan 1-2953
- Zhou Tang see Hu Bo-qing 1-3377
- Zhou Tie-ying see Guo Ji-hua 1-336
- Zhou Wen-hu see Teng Ji-wen 1-22311
- Zhou Xian-Jian see Dong Fang-Xiao 1-45146
- Zhou Xian-Jian see Ma Zhong-Qi 1-45272
- Zhou Xiao-hui see Deng Bo 1-48767
- Zhou Yigang An investigation on the thermal stability of Ti-679 alloy 1-53254
- Zhou Yu-mei see Shen Jie-wu 1-2140
- Zhou Zhen-Long see Zhang Li-Ning 1-49996
- Zhou Zhibin, Wen Yunkai Ionic polarization and the calculation of standard electrode potentials of elements 1-31869
- Zhou Zhu-ying see Cheng Huan-sheng 1-25544
- Zhou Zi-fan see Mao De-qiang 1-47802
- Zhou Zi-fang, Gu Yi-ming, Mao De-qiang, Wu Hang-sheng The T_c - λ curve [superconducting transition temperature] 1-52677
- Zhou Zi-fang, Mao De-qiang, Gu Yi-ming, Wu Hang-sheng Note on the problem of the convergence of the first order approximate T_c series solution 1-25818
- Zhou Zi-fang, Wu Hang-sheng, Mao De-qiang, Gu Yi-ming The problem of the convergence radius of the T_c series solution 1-20895
- Zhou Zidong, Di Xinwu, Du Xingyuan Theoretical analysis of atmospheric waves in equatorial zone 1-9224
- Zhou-Yuan Wang see Wang Zhou-Yuan
- Zhovtanetskii, O.I. see Zybrik, A.I. 1-23360
- Zhu, J.-K., Li, J., Pan, Y.-K. Radiative lifetimes of the singlet oxygen molecule 1-46022
- Zhu, R.Y. see Barber, D.P. 1-534, 1-28309
- Zhu, Y. see Cao, J. 1-29923
- Zhu Cheng-Zi The formulas for calculating the magnitudes of the late maximum near and far earthquake events associated with great earthquakes 1-4432
- Zhu Ding-shi see Tang Xian-de 1-53211
- Zhu Dongpei Metric vector and mass spectrum of gauge fields 1-10084
- Zhu He-nian, Lin Shi-heng, Tian De-fang, Ou Zhen-ya Rationalized scheme for dual-frequency laser interferometer 1-337
- Zhu He-nian see Ding Shen-xun 1-338
- Zhu Hong see Tang Tong-gao 1-23985
- Zhu Jin-song, Tan Yun-peng, Yang Zhen, Wang Ye-ning Some applications of a high-repetition rate $\text{K}^+\text{Nd}^{3+}:\text{YAG}$ laser 1-24427
- Zhu Jin-Song see Jin-Song Zhu
- Zhu Ming-shan, Ni Zhen-wei, Wang Wei-cheng An analysis of exergy for solar energy power units of sectional matching type 1-4163
- Zhu Ming-shan see Ni Zhen-wei 1-4164
- Zhu Qing-Qi see Ding Lin-Kai 1-44397
- Zhu Xi-Quan see Lu Shi-Qi 1-45478
- Zhu Xiquan see Xiquan Zhu
- Zhu Xue-yuan, Sun Xin The many-body correlations and the phase transition for ferromagnets 1-25934
- Zhu Yong-Tai see Jin Gen-Ming 1-18664
- Zhu Yu-Cheng see Gobel, K. 1-45748
- Zhu Zai-wan, Jiang Wen-zhi High temperature superconductivity in metallic hydrogen 1-52676
- Zhu Zhen-be, Huo Chong-ru Improvements on the fluctuation model of passively mode-locked lasers 1-51519
- Zhu Zhi-wen see Teng Ji-wen 1-22311
- Zhu-Qi Li see Li Zhu-Qi
- Zhu-ying Zhou see Zhou Zhu-ying
- Zhuang, S.L., Chao, T.H., Yu, F.T.S. Smeared-photographic-image deblurring utilizing white-light-processing technique 1-41615
- Zhuang, S.L. see Yu, F.T.S. 1-6488, 1-6524, 1-50244
- Zhuang Qitai On the distribution of the values of meromorphic functions 1-22992
- Zhuge Jian see Hua Zhong-yi 1-23384
- Zhugzhda, Y.D., Lotsans, V. Resonance oscillations in sunspots 1-49600
- Zhuikov, B.L., Zvara, I. Experiments on the chemical concentration of a new spontaneously fissioning nuclide from Allende meteorite. II. A repeated treatment of sublimated products 1-9442
- Zbuk, A.V. Improved data interface for the Nairi-2 1-245
- Zbuk, I.P., Kuz'mina, N.E. Experimental determination of the latent heat of evaporation of isomer mixtures 1-11853
- Zbuk, I.P. see Karolik, V.A. 1-15792
- Zbuk, I.V., Malykhin, A.P., Roginets, L.P., Yaroshchik, O.I. α particle recording with RF-3 film track detectors 1-23980
- Zbuk, I.V., Malykhin, A.P., Roginets, L.P., Yaroshchik, O.I. The angle and energy-dependent efficiency of detection of α -particles of the film RF-3 by a track detector 1-51059
- Zbuk, V.V., Kazhe, A.Zh., Kalinin, R.K. The influence of the reaction element upon the character of the electro-dynamic interaction 1-15052
- Zbukauskas, A.A. see Katinas, V.I. 1-19728
- Zbukhlisova, N.E., Tishchenko, G.N. Structural investigation of cyclic dipeptides and dipeptides. III. Refinement of the crystal structure of cyclic methylvalylhydroxyisovaleryl dipeptide 1-2422
- Zbukhovitskii, E.M. see Gershuni, G.Z. 1-37903
- Zbukinskii, I.N. Frequency errors of electrical measuring periodic-comparison instruments 1-305
- Zbukov, A.A., Karaseva, V.A., Ivanov, V.I., Shalashov, V.A. Improving the annealability of high-strength cast iron by alloying with sulfur 1-3720
- Zbukov, A.A. see Brandt, N.B. 1-25745
- Zbukov, A.G., Migacheva, E.M., Oleinik, A.S., Filipchenko, V.Ya. Study of the phase composition of the FTIROS film structure by secondary-ion mass spectrometry 1-42654
- Zbukov, E.A. see Boiko, G.A. 1-8104
- Zbukov, E.G., Dembovskii, S.A. Enthalpy of atomization and bond energy in binary glass-forming chalcogenides 1-39667
- Zbukov, E.G. see Alikhanyan, A.S. 1-38041
- Zbukov, E.G. see Makovskaya, Z.G. 1-42307
- Zbukov, I.T. see Alekhnovich, A.N. 1-31977
- Zbukov, I.T. see Titov, S.P. 1-31978
- Zbukov, M.F., Zasyipkin, I.M., Mishne, I.I., Sazonov, M.I. Electric field intensity due to an arc in a developed turbulent air stream 1-38169
- Zbukov, M.V., Feng, D.H., Wu, C.-L., Bang, J. Study of the two-nucleon surface correlation via a simple three body system 1-10339
- Zbukov, M.V. see Wiebicke, H.J. 1-28405
- Zbukov, N.D. see Alaverdyan, S.A. 1-29282
- Zbukov, N.D. see Makritskii, Yu.V. 1-41705
- Zbukov, O.E. see Gagarinskii, A.Yu. 1-28645
- Zbukov, S.A., Bareklo, V.V., Merzhanov, A.G. Wave processes on heat generating surfaces in pool boiling 1-33879
- Zbukov, V.A., Kalabushev, K.A. Possibility of observing inner and valence shells of atoms in transmission electron microscopy 1-46169
- Zbukov, V.A. see Grebninik, V.G. 1-43054
- Zbukov, V.M. see Shirochin, L.A. 1-53060
- Zbukov, V.P. see Freidman, S.P. 1-34622
- Zbukov, V.P. see Ivanovsky, A.L. 1-30628
- Zbukov, V.V. NMR line widening in isovalent cadmium alloys 1-31045
- Zbukova, G.A. see Abramov, V.V. 1-31811
- Zbukova, T.B. see Boikov, Yu.A. 1-20888
- Zbukova, T.B. see Dedegkaev, T.T. 1-2702

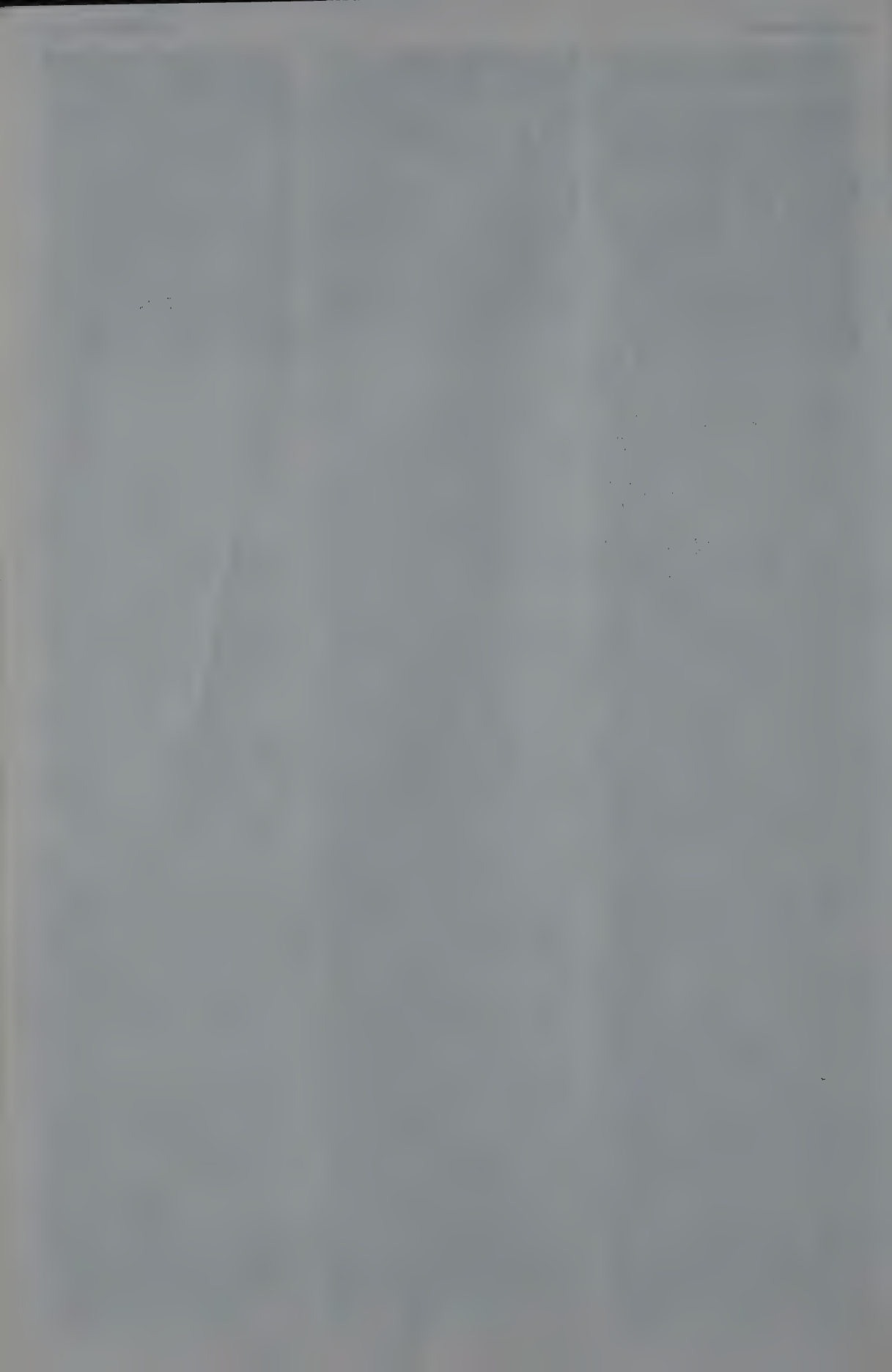
- Zhukova, V.A. *see* Baikova, G.G. 1-50141
 Zhukovets, Zh.G. *see* Sokolov, A.A. 1-18054
 Zhukovskii, M.V. *see* Kortov, V.S. 1-21283
 Zhukovskii, V.Ch., Khamid, S.A. Resonant Compton effect in superstrong magnetic fields 1-3527
 Zhukovskii, V.Ch. *see* Borisov, A.V. 1-45169
 Zhukovskii, V.Ch. *see* Sokolov, A.A. 1-18054
 Zhukovskii, V.M. *see* Vidrevich, M.B. 1-39700
 Zhulin, I.A., Kushnerevsky, Yu.V., Pulintsev, S.A. Plasma noise in the pauses between the series of electron gun injections in the second Araks experiment 1-44379
 Zhulin, I.A., Kustov, A.V., Uspensky, M.V., Miroshnikova, T.V. Radar observations of the overdense ionospheric ionization created by the artificial electron beam in the 'Zarnitza-2' experiment 1-44366
 Zhulin, I.A. *see* Cambou, F. 1-44403
 Zhulin, I.A. *see* Charles, G. 1-44377
 Zhulin, I.A. *see* Dechambre, M. 1-44368
 Zhulin, I.A. *see* Ginzhang, K.I. 1-44373
 Zhulin, I.A. *see* Izhokina, N.I. 1-44391
 Zhulina, Ye.M., Kovalevskaya, Ye.M., Ishkova, L.M. Effect of the statistical properties and disturbance of the ionosphere on the characteristics of radio-wave propagation 1-4682
 Zhulina, Ye.M. *see* Akin'yan, S.T. 1-22575
 Zhunisbekov, S.S. *see* Urkumbayev, M.F. 1-31628
 Zhuo Yi-zhong, Zhang Jing-shang, Wu Xi-zhen, Ma Zhong-yu. The transport theory of a coupling system simultaneously involving the relative motion collective oscillations and single particle excitations 1-18671
 Zhuo Yi-Zhong *see* Wu Xi-Zhen 1-45410
 Zhuo Yi-Zhong *see* Zhang Xi-Zhen 1-45411
 Zhuo-Li Luo *see* Luo Zhuo-Li
 Zhura, V.I. Qualitative characteristics of electrical discharges during the breakdown of the contact zone of two surfaces 1-42223
 Zhurakovskii, E.A. *see* Antoshchuk, A.I. 1-52803
 Zhurakovskii, L.A., Kvasov, N.V., Uzenbaev, F.G. Method for the synthesis of multichannel acoustic-emission systems 1-31816
 Zhurakovskii, V.M., Zhdanov, V.M. Induction hardening of graphitized steel 1-3802
 Zhurav, F.A. *see* Krugljak, Z.B. 1-42025
 Zhuravlin, L.G., Ivanov, V.M., Semenov, E.I. Application of the orthogonal Walsh transformation to the group discrete representation of noncorrelated random processes ensemble 1-44870
 Zhuravlenko, V.Ya., Shelimanov, V.A., Romanovskii, S.A. Determining heat emissions from extracted mineral 1-1819
 Zhuravlev, B.I. *see* Nikitinskii, V.A. 1-25101
 Zhuravlev, G.I. *see* Martynenko, A.P. 1-12387
 Zhuravlev, G.I. *see* Simonov, B.M. 1-52414
 Zhuravlev, N.L. *see* Suntsov, N.V. 1-30748
 Zhuravlev, S.G. The motion of resonant artificial Earth satellites 1-22663
 Zhuravlev, S.G. *see* Ural'skaya, V.S. 1-22660
 Zhuravlev, V.D., Fotiev, A.A., Shul'gin, B.V. Thermal and luminescence properties of specimens of the binary systems $Ca_2(VO_4)_2-M_3(VO_4)_2$, where M is Sr or Ba 1-35083
 Zhuravlev, V.K. *see* Shustov, M.A. 1-28097
 Zhuravlev, V.M. *see* Dvoryaninov, G.S. 1-9166
 Zhuravlev, V.S. *see* Anikeev, V.N. 1-20716
 Zhuravlev, Yu.A., Medyuk, N.V., Gamov, S.A., Lotoshnikov, B.E., Khabibulin, I.K. Calculation of the angular emission coefficients in multizone axisymmetric systems by the method of statistical tests 1-15364
 Zhuravlev, Yu.Yu. *see* Pirogov, V.P. 1-17440
 Zhuravleva, M.S. *see* Bartke, E. 1-5664
 Zhuravlov, A.Kh. *see* Gurevich, M.Yu. 1-38642
 Zhurba, Yu.I. The influence of thiocyanate and thiosulphate ion regeneration on the rate at which transparent silver complexes are formed in a silver halide photographic layer 1-28095
 Zhurbas, V.M. On viscous stage of turbulent patch spreading in stably stratified fluid 1-32469
 Zhurbenko, V.G. *see* Nevrovskiy, V.A. 1-43702
 Zhurkin, V.A. *see* Moll, A.N. 1-4353
 Zhurko, V.N. Choosing the scanning-slit width in an optomechanical panoramic photographic rectifier 1-14202
 Zhurko, V.N. Breakdown of the three-plane intersection condition in an optomechanical panoramic photographic rectifier 1-18314
 Zburav, A.P. *see* Rybnik, A.A. 1-21666
 Zhuxian Qui *see* Qui Zhuxian
 Zhyavryi, S.P. *see* Apanasevich, P.A. 1-33741
 Zi-fan Zhou *see* Zhou Zi-fan
 Zi-fang Zhou *see* Zhou Zi-fang
 Zi-Hua Wang *see* Wang Zi-Hua
 Zi-ming Lei *see* Lei Zi-ming
 Zi-qin Wu *see* Wu Zi-qin
 Zi-xing Wang *see* Wang Zi-xing
 Zi-xing Xu *see* Xu Zi-xing
 Zia, K. *see* Jones, B.E. 1-36629
 Zia, R.K.P. The variety of singularities in models of first order phase transitions 1-50090
 Zia, R.K.P. *see* Amit, D.J. 1-40935
 Zia, R.K.P. *see* Wu, F.Y. 1-44852
 Ziaei, M.E. General solution of the spin Hamiltonian for complex electron nuclear double resonance spectra 1-52867
 Ziatdinov, M.Kh. *see* Raskolenko, L.G. 1-21727
 Ziberna, M. *see* Trsan, N. 1-29379
 Zich, R. *see* Daniele, V. 1-6686
 Zichichi, A. The whys of subnuclear physics 1-28287
 Zichichi, A. *see* Basile, M. 1-5658, 1-5662, 1-10188, 1-28351, 1-45349, 1-51066
 Zichichi, A. (editor) Whys of Subnuclear Physics. Proceedings of the 1977 International School of Subnuclear Physics 1-27646
 Zichy, J. *see* Albanese, J.P. 1-23682
 Zichy, J. *see* Gabathuler, K. 1-23681
 Zichy, J. *see* Wiedner, C.-A. 1-18593
 Zichy, V.J.I. *see* Briggs, D. 1-21613
 Zick, R., Schweer, H.-H., Mitzkat, H.J., Friedel, R. Capillary radioimmunoassay for insulin 1-43949
 Zickendraht, W., Rawitscher, G.H. Breakup coupling potentials for deuteron-nucleus collisions in the space of hyperspherical harmonics 1-41120
 Zickendraht, W. *see* Rawitscher, G.H. 1-41119
 Zidarov, D.P. Determination of the Earth figure by solving the inverse astrogeological problem—uniqueness 1-23338
 Zidarov, D.P. Some uniqueness conditions for the solution of the inverse gravimetric problem 1-23240
 Zidell, V.S. Some problems bearing on the concept of space-time quanta 1-50027
 Zidong Zhou *see* Zhou Zidong
 Zieba, S. *see* Rudnicki, K. 1-9693
 Ziebeck, K.R.A. *see* Brown, P.J. 1-45761
 Ziebeck, K.R.A. *see* Costa, M.M.R. 1-25881
 Zieber, V., Zupitz, P., Liebmann, G., Sebastyan, N. Optical constants of Ge-Se films and their sensitivity to laser irradiation 1-35110
 Ziebig, R., Hamann, H.-J., Jugelt, W., Pragst, F. Intramolecular expletives in the electrogenerated chemiluminescence of 1-amino-3-anthryl-(9)-propanes 1-26751
 Ziegenbein, D. To the space dependence of reactivity noise in pressurized water reactors 1-733
 Ziegenberg, K., Klesper, E. NMR of the formation of cyclic imide on poly(methacrylic acid) 1-17054
 Ziegenhain, K.-H. *see* Maruhn, J.A. 1-14548
 Zieger, A., Hughes, R.J., Zeigler, B. Ion recombination and the response of a 'P2'-quantometer 1-28808
 Ziegler, A. *see* Gazanfar, A. 1-10449
 Ziegler, B., Hartmannsgruber, R. A contribution to the behaviour of vertical ozone distribution above 23 km 1-13542
 Ziegler, B. *see* Leicht, R. 1-37053
 Ziegler, E. *see* Moncke, J. 1-47688
 Ziegler, E. *see* Siegel, W. 1-34705
 Ziegler, F. Systematic description of pulsed waves in layered elastic bodies by means of generalised ray integrals 1-1878
 Ziegler, G., Heinrich, J. Effect of porosity on the thermal shock behaviour of reaction-sintered silicon nitride 1-16739
 Ziegler, G., Heinrich, J. Effect of porosity on the thermal shock behaviour of reaction-sintered silicon nitride 1-21570
 Ziegler, G. *see* Majdic, M. 1-35344
 Ziegler, J.F. *see* Littmark, U. 1-25343
 Ziegler, J.P. *see* Kennedy, J.H. 1-21734
 Ziegler, L.D., Hudson, B. Resonance Raman scattering of benzene and benzene- d_6 with 212.8 nm excitation 1-45971
 Ziegler, M. *see* Behmel, P. 1-24122
 Ziegler, R., Stierle, B. Notes on the preparation of ceramic materials as a function of load and speed of rotation 1-48633
 Ziegler, T., Snijders, J.C., Baerends, E.J. Relativistic effects on bonding 1-54588
 Ziegler, T., Snijders, J.G., Baerends, E.J. On the origin of relativistic bond contraction 1-6401
 Ziegler, W.T. *see* Brown, G.N., Jr. 1-47217
 Ziel, A. Van der *see* van der Ziel, A.
 Ziel, A. Van der *see* van der Ziel, A.
 Ziel, A. Van der *see* van der Ziel, A.
 Ziel, J.P. Van der *see* van der Ziel, J.P.
 Zielińska-Pfabe, M. *see* Mooney, P. 1-28496
 Zielińska-Pfabe, M. *see* Morison, W.W. 1-45559
 Zielińska-Pfabe, M. *see* Samaddar, S.K. 1-33276, 1-41136
 Zielińska-Rohozinska, E. The Bragg spherical wave diffraction contrast of screw dislocations in Si single crystals 1-38371
 Zieliński, A. *see* Brunne, M. 1-41657
 Zieliński, F.W. *see* Chu, R.Y.L. 1-53887
 Zieliński, H.G., Klinger, S. Techniques for joining optical waveguides and their cable accessories 1-19480
 Zieliński, H.-G. *see* Huber, H.-P. 1-37619
 Zieliński, J. Can we expect the metallic Kondo state for the periodic Anderson model? 1-30912
 Zieliński, J., Matlak, M. On the magnitude of the local spin in the symmetric Anderson model 1-47571
 Zieliński, J. *see* Shibata, M. 1-1202
 Zieliński, M. *see* Stasiak, M. 1-12449
 Zieliński, R. *see* Pope, T. 1-10008
 Zielinski, R.A. Stability of glass in the geologic environment: some evidence from studies of natural silicate glasses 1-32062
 Zielinski, T.J., Shibata, M., Rein, R. Uracil and the tautomer 4-hydroxyuracil: an ab initio study with geometry optimization 1-51102
 Zieliński, W. *see* Abramowicz, H. 1-45378
 Zielonko, R. *see* Krolikowski, A. 1-27962
 Zielsinski, H.G. *see* Bohnert, W. 1-19427
 Ziembra, E. *see* Rush, C.M. 1-32579
 Ziemer, J.N. *see* Perone, S.P. 1-35662
 Ziemiński, A. *see* Abramowicz, H. 1-45378
 Ziemiński, A. *see* Eskreys, A. 1-594
 Ziemiński, A. *see* Gokiel, R. 1-532
 Ziemiński, A. *see* Ko, W. 1-10263
 Ziener, R. *see* Strugatskaya, A.A. 1-27390
 Zienkiewicz, O.C. *see* Kelly, D.W. 1-14079
 Zientara, G.P., Nagy, J.A., Freed, J.H. Diffusion-controlled kinetics of protein domain coalescence: effects of orientation, interdomain forces and hydration 1-39868
 Ziep, O. Band-to-band recombination via spontaneous emission of phonon-plasmon coupled modes in lead chalcogenides 1-42710
 Ziep Do Ngoc *see* Do Ngoc Ziep
 Zieren, V. A new silicon microtransducer for the measurement of the magnitude and direction of a magnetic-field vector 1-40828
 Zierns, J., Lorenz, R., Buss, K., Kreysch, G., Kuhn, E., Kramer, K. Pressure recordings from corresponding sites of dura mater and brain 1-17503
 Ziesche, P. *see* Fleck, U. 1-20607
 Ziese, M. *see* Vogelsberger, W. 1-47334
 Ziesel, R. *see* Lehn, J.-M. 1-48709
 Ziesow, D. *see* Blumich, B. 1-44969
 Ziff, J.J., Absher, K.R. FFT plant utilization program 1-18764
 Ziff, R.M. Kinetics of polymerization 1-13001
 Ziff, R.M. Model Boltzmann equations 1-46078
 Ziff, R.M., Stell, G. Kinetics of polymer gelation 1-2342
 Zigel', S. *see* Germel', V. 1-35208
 Zigler, A. *see* Arad, B. 1-34050
 Zigler, A. *see* Klapisch, M. 1-1159
 Zigler, G.L. *see* Mayo, C.W. 1-18828
 Zigin, S.L. On the extension of the general VKB method to materials with substantially nonlinearly varying parameters 1-15057
 Zigman, V.J., Milic, B.S. Slowly propagating instabilities in plasmas with Margenau-Davydov electron distribution function 1-34066
 Zigone, M. *see* Talwar, D.N. 1-48085, 1-48124
 Ziino, G. About some deep misunderstandings on the idea of a three-dimensional time 1-9832
 Zijlstra, R.J.J. *see* Bosman, G. 1-20836, 1-30754
 Zijlstra, R.J.J. *see* Gielen, P.A. 1-52612
 Zijp, W.L., Nolthenius, H.J. Comparison of four neutron spectrum unfolding codes 1-50989
 Zikides, M. *see* Contopoulos, G. 1-13670
 Zikov, V.G., Lonin, Yu.F., Podterezga, N.N., Rudnev, N.L., Skibenko, A.L., Fomin, I.P. Preliminary experiments to test the feasibility of forming a protective plasma layer in a closed magnetic trap with a toroidal divertor 1-25017
 Zilahy, F. *see* Fock, K. 1-28015
 Zilber, R., Durif, A., Averbuch-Pouchot, M.T. Structure of potassium sulfate tellurate: $Te(OH)_6 \cdot K_2SO_4$ 1-15859
 Zilber, R., Tordjman, I., Guitel, J.C. Structure of sodium sulfate tellurate 1-15858
 Zil'berberg, V.G. *see* Karpinos, D.M. 1-12773
 Zil'berberg, V.V. *see* Genkin, G.M. 1-43147
 Zil'berbrand, E.L., Zlatin, N.A., Pugachev, G.S. Splitting off pieces from polymethyl methacrylate disks 1-30315
 Zil'bergleit, A.S. Surface elastic waves in a thick slab 1-19496
 Zil'bergleit, A.S. Wave equations in the theory of elasticity for a medium with a variable viscosity and variable Poisson's ratio 1-40653
 Zil'bergleit, A.S., Chernin, A.D. On the theory of gas-dynamic processes in protoclusters 1-22904
 Zil'bergleit, A.S., Kopilevich, Yu.I. Velocity of energy transport by waves. I. 1-23025
 Zil'bergleit, A.S., Kopilevich, Yu.I. Rate of energy transport by waves. II. Examples 1-27790
 Zil'berstein, A.Kh., Solov'ev, L.E. Tunable narrow-band optical filters based on selective interference of polarized beams 1-6639
 Zilberstein, V.A. *see* Newhall, D.M. 1-32996
 Zilichikhin, A.L. *see* Povzner, A.A. 1-52745
 Zilko, J.L. *see* Anthony, P.J. 1-37507, 1-38841
 Zill, H., Ebeling, G. A facility for the integration of neutron current densities while comparing neutron source strengths by means of a precision long counter 1-984
 Zillmann, J. Novelities in the field of ultrasonic material testing 1-39558
 Zima, M.N. *see* Azbukin, V.G. 1-35442
 Zimakov, V.P. *see* Generalov, N.A. 1-25083
 Ziman, T. Excitations of dilute magnets near the percolation threshold 1-7868
 Zimcik, D.G., Tennyson, R.C. Stability of circular cylindrical shells under transient axial impulsive loading 1-1849
 Zimenkov, V.I. *see* Levitskii, N.P. 1-5304

- Zimmerman, A.H. see Aguilera-Navarro, V.C. 1-18064, 1-33393
- Zimin, A.M., Kozlov, N.P., Polyakova, I.A., Khveshuk, V.I. Erosion dynamics of an activated cathode 1-3964
- Zimin, V.D., Khripchenko, S.Yu. Two-dimensional representation of the magnetohydrodynamic equations of flow in plane-parallel channels with ferromagnetic cores 1-6903
- Zimina, L.N. see Travina, N.T. 1-15896
- Zimkin, I.N., Malygin, G.A., Samoilo, T.V., Smirnov, B.I. Distribution of dislocation dipoles in deformed LiF crystals and kinetics of their annealing 1-2453
- Zimkina, T.M. see Barth, J. 1-21328
- Zimmer, E., Barnert, E., Naeef, P. Equipment for remote production of coated particles 1-23841
- Zimmer, E. see Naeef, P. 1-28689
- Zimmer, H.-G., Kronberg, H., Bernstein, R., Neuhoff, V. Improvements in microphotometry by digital signal processing 1-33034
- Zimmer, W.H. The germanium detector-spectroscopy system in the nuclear power plant 1-28657
- Zimmerman, B.D. see Bennett, R.A. 1-23743
- Zimmerman, G.O., Abeshouse, D.J., Maxwell, E., Kelland, D.R. The role of imperfections on magnetic and thermodynamic properties of cerium magnesium nitrate in the low-temperature magnetic phase transition region 1-16448
- Zimmerman, G.O., Brooks, J.S., Tedrow, P.M., Meservy, R. Influence of high magnetic fields on the coexistence curve of He³ at 1.2K 1-2744
- Zimmerman, H., Nguyen Thac Kim Investigations on thermal and hydrolytic degradation of poly(ethylene terephthalate) 1-48680
- Zimmerman, J., Constant, E. Application of Monte Carlo techniques to hot carrier diffusion noise calculation in unipolar semiconducting components 1-7684
- Zimmerman, J. see Ross, J.V. 1-35961
- Zimmerman, J.E. see Broussard, P.H. 1-36724
- Zimmerman, M.L., Kash, M.M., Kleppner, D. Evidence of an approximate symmetry for hydrogen in a uniform magnetic field 1-1168
- Zimmerman, M.L. see Castro, J.C. 1-24081
- Zimmerman, N.J. see Wootton, R.E. 1-7031
- Zimmerman, R.E. see Dufresne, E.N. 1-4361
- Zimmerman, R.L., Farhoosh, H. Apparent violation of the principle of equivalence and Killing horizons 1-44802
- Zimmerman, R.L., Hellings, R.W. Gravitational radiation dominated cosmologies 1-22932
- Zimmerman, R.L. see Farhoosh, H. 1-44807
- Zimmerman, W. see Berger, Ch. 1-14404
- Zimmermann, G. see Morgenstern, R. 1-24218
- Zimmermann, H. see Schajor, W. 1-31050
- Zimmermann, J., Weber, G. Thermal relaxation of low-energy excitations in vitreous silica 1-47009
- Zimmermann, K.J., Zago, L. On the design verification of large flexible solar arrays—first experiences gained 1-39801
- Zimmermann, M., Miles, R.B. Hypersonic-helium-flow-field measurements with the resonant Doppler velocimeter 1-38022
- Zimmermann, M., Miles, R.B. Low-temperature He-Na collision rate measurements 1-41465
- Zimmermann, P. see Becker, U. 1-54442
- Zimmermann, P. see Kerkhoff, H. 1-6208, 1-24059, 1-28927
- Zimmermann, P. see Weber, H. 1-8521
- Zimmermann, R. see Muller, G.O. 1-52591
- Zimmermann, S. see Neuschäfer, D. 1-53406
- Zimmermann, S. see Ottinger, Ch. 1-31843
- Zimmermann, W. see Berger, Ch. 1-5636, 1-10209
- Zimmermann, W. see Berger, Ch. 1-23511, 1-45255, 1-45331, 1-50412
- Zimmermann, W. see Oehme, R. 1-23434
- Zimpel, M. see Kunert, H. 1-42334
- Zinchenko, B.N., Zinchenko, N.S. Measuring the limits of regions of instability of electron beams 1-1474
- Zinchenko, N.S. see Zinchenko, B.N. 1-1474
- Zinchenko, S.P., Ivanov, I.G., Sem, M.F. Optimal repetition frequency of output pulses of hollow-cathode ion lasers 1-51460
- Zinchenko, S.P. see Vainer, V.V. 1-6545
- Zinchenko, V.I., Trofimchuk, E.G. Solution of nonautonomous problems of boundary-layer theory taking into account nonstationary conjugate heat exchange and blowing 1-46773
- Zinenko, V.I., Blat, D.H., Aleksandrov, K.S. The theory of the phase transitions in the crystals Me^{II}BX₄ 1-25400
- Zinenko, V.I. see Blat, D.H. 1-7331
- Zindge, M.D., Narvekar, P.V., Sarma, R.V., Desai, B.N. Water quality of the River Damanganga (Gujarat) 1-53716
- Zinger, B.S. see Fainberg, E.B. 1-44095
- Zinger, G.M. see Belov, A.G. 1-26294
- Zing, W. see Sudg, P. 1-16937
- Zingl, H.F.K., Mathelitsch, L., Hafel, M.I. The deuteron wave function and N-N interactions 1-41044
- Zingl, H.F.K. see Mathelitsch, L. 1-28324
- Zini, Q. see Finetti, M. 1-17200
- Zink, J.I. see Chandra, B.P. 1-35104
- Zinkernagel, J. see Behnsch, W. 1-36657
- Zinn, M.B. see Dunlop, D.J. 1-40051
- Zinn, R. The global cluster system of the Galaxy. II. The spatial and metallicity distributions. The second-parameter phenomenon and the formation of the cluster system 1-22844
- Zinn, R. On the metal abundance range in the Draco dwarf galaxy 1-22886
- Zinn, W. see Bohn, H.G. 1-25918
- Zinner, E. Depth profiling by secondary ion mass spectrometry 1-376
- Zinoune, M. see Alnagi, O. 1-52123
- Zinov'ev, A.N., Korotkov, A.A., Krzhizhanovskii, E.R., Afrosimov, V.V., Gordeev, Yu.S. Radial distribution of the concentration of oxygen nuclei in the T-10 Tokamak plasma 1-19869
- Zinov'ev, B.M. see Aleksandrov, A.Ya. 1-14013
- Zinov'ev, K.V. see Kol'tsov, Yu.I. 1-3391
- Zinov'ev, N.N., Yaroshevskii, I.D. Exciton-plasmon interaction in a nonequilibrium electron-hole plasma in CdS crystals 1-52496
- Zinov'ev, O.I. Acoustic spectroscopy and the elementary stages of chemical reactions 1-39643
- Zinov'ev, V.E., Gel'd, P.V. Influence of a free mean path of carriers on thermophysical and transport properties of HCP metals at high temperatures 1-2940
- Zinov'ev, V.E., Mal'gin, A.V., Zinov'eva, G.P., Epifanova, K.I. Anisotropy of ultrasonic propagation rate in gadolinium in the temperature interval 80-700K 1-11816
- Zinov'ev, V.E., Petrova, L.N., Dik, E.G., Ivliev, A.D. Correlation between specific heat and temperature coefficient of electrical resistance of ferromagnetic alloys near the Curie point 1-25945
- Zinov'ev, V.G. see Ufimtsev, V.B. 1-16761
- Zinov'eva, G.P. see Zinov'ev, V.E. 1-11816
- Zinovik, M.A., Davidovich, A.G. Preparation and properties of spinel solid solutions in the system Cu-Li-Fe-O 1-12708
- Zinszner, B. see Quiblier, J.A. 1-17573
- Zintchenko, G.N. see Nisbet, J.S. 1-54321
- Zinth, W. Transient coherent Raman scattering in the time and frequency domain 1-6610
- Zinyuk, O.D. see Yarema, S.Ya. 1-53286
- Ziolkowski, A.M. Source array scaling for wavelet deconvolution 1-54264
- Ziolkowski, A.M., Lerwill, W.E., March, D.W., Peardon, L.G. Wavelet deconvolution using a source scaling law 1-54263
- Ziolkowski, J., Paczynski, B. Geometrical model of Cygnus X-2 1-17871
- Ziolkowski, J. see Kozłowski, R. 1-34319
- Ziolkowski, Z. see Derentowicz, H. 1-37968
- Ziolo, J. see Pyzuck, W. 1-35013
- Zioutas, K. see Izzycki, M. 1-1419, 1-1420
- Zipf, E.C. A laboratory study on the dissociative recombination of vibrationally excited O₂⁺ ions 1-1393
- Zipf, E.C. A laboratory study on the formation of nitrous oxide by the reaction N₂(A³Σ⁺) + O₂ → N₂O + O 1-4091
- Zipf, E.C. The dissociative recombination of vibrationally excited N₂⁺ ions 1-19213
- Zipf, E.C., Prasad, S.S. Production of nitrous oxide in the auroral D and E regions 1-4092
- Zipf, E.C. see Erdman, P.W. 1-22566
- Zipfel, R. see Brendel, K.H. 1-3937
- Zippelius, A., Halperin, B.I., Nelson, D.R. Dynamics of two-dimensional melting 1-11848
- Zippelius, A., Lucke, M. The effect of external noise in the Lorenz model of the Benard problem 1-42051
- Zipper, E. see Bialas-Borgiel, K. 1-26022
- Zipper, P., Durchschlag, H. Small-angle X-ray scattering studies on the X-ray induced aggregation of malate synthase 1-32205
- Zipser, L., Schumann, R. Fluidic frequency-analogue measuring systems for extreme conditions 1-27989
- Zirin, H. see Hurford, G.J. 1-4863
- Zirin, H. see Marsh, K.A. 1-4876, 1-44518, 1-49591
- Zirin, H. see Webb, D.F. 1-54461
- Zirng, W. see Schneider, J.C. 1-14676
- Zirpel, R. see Klonz, M. 1-36621
- Zisis, V. see Jannussis, A. 1-9870, 1-36527, 1-49971
- Zisk, S.H., Mouginiis-Mark, P.J. Anomalous region on Mars: implications for near-surface liquid water 1-13719
- Zisman, M.S. see Dyer, P. 1-5686
- Zisook, A.B., Kadanoff, L.P. Planar model correlation functions 1-186
- Zisook, A.B. see Huberman, B.A. 1-44835
- Zisook, A.B. see Kadanoff, L.P. 1-40722
- Zissa, D.E., Barnes, V.E., Carmony, D.D., Dauwe, L.J., Gaidos, J.A., Gutay, L.J., Laasanen, A.T., McIlwain, R.L., Rangan, L.K. Exclusive inelastic final states in pp interactions at 49 GeV/c 1-32021
- Zitelli, V. see Bonoli, F. 1-13878
- Zitelli, V. see Marano, M. 1-17860
- Zitelli, V. see Vettolani, G. 1-49699
- Zito see Armstrong 1-10254
- Zito, G. see Di Gennaro, V. 1-5660
- Zito, G. see Evangelista, C. 1-45354
- Zittour, R. see Armstrong, T. 1-10606
- Zittartz, J. Square lattice Ising antiferromagnet in an external magnetic field 1-25969
- Zittartz, J. Phase transitions of 'extended' Ising models on a square lattice 1-34901
- Zittartz, J. Phase transition of the symmetric Ashkin-Teller model near the decoupling limit 1-34902
- Zittartz, J. see Hoefer, P. 1-34900
- Zitter, R.N., Koster, D.F., Cantoni, A., Ringwelski, A. Interferometric measurement and calculation of temperatures in gases heated by CW infrared lasers 1-38040
- Zitzmann, G. see Dietzsch, E. 1-45049
- Zivanovic, Dj. see Cufaro Petroni, N. 1-33138
- Zivanovic, Dj. see Petroni, N.C. 1-33152
- Ziver, A.K. see Ackroyd, R.T. 1-728
- Ziver, A.K. see Plawski, B.A. 1-45564
- Zivotovskiy, L.A. The use of a sphere for representation and analysis of electromagnetic fields in a three-dimensional unitary space 1-10889
- Zizak, G., Bradshaw, J.D., Winefordner, J.D. Rate equation solution for the temporal behavior of a three-level system 1-10688
- Zizak, G., Bradshaw, J.D., Winefordner, J.D. Thermally assisted fluorescence: a new technique for local flame temperature measurement 1-44916
- Zizak, G. see Benocchi, S. 1-42113
- Ziznovsky, J.Z. A chemically peculiar star HR 6127. II. Detailed analysis 1-40488
- Zjigunov, V. see Barth, M. 1-41018
- Zlamal, M. Finite element method in physical and technical applications 1-15359
- Zlatanov, Z. see Batyunya, B.V. 1-600
- Zlatanov, Z. see Boos, E.G. 1-5661
- Zlatanov, Z.M. Real part of the pp elastic scattering amplitude at small momentum transfers 1-18506
- Zlatanov, Z.M. The real part of the amplitude of elastic pp-scattering over the range of small imparted pulses 1-50455
- Zlatarov, V.K., Tikhechev, H.G. Design of a high-power short-wave physiotherapeutic generator for two generation modes 1-53928
- Zlatin, N.A. see Volovets, L.D. 1-53294
- Zlatin, N.A. see Zil'berbrand, E.L. 1-30315
- Zlatoustovskii, D.M. see Burkhano, G.S. 1-48365
- Zlatsin, A.L. see Miroshnikov, I.S. 1-53373
- Zlobec, P. see Borkowski, K.M. 1-44439
- Zlobec, P. see Zanelli, C. 1-4904
- Zlochevskii, A.B., Bondarovich, L.A., Shuvalov, A.N. The influence of intense strain on the kinetics of fatigue crack growth 1-35371
- Zlomanov, V.P., Novozhilov, A.F. The p-T-x phase diagram of the system Ge-Se 1-16021
- Zlomanov, V.P. see Andryushenko, E.D. 1-8217, 1-8218, 1-11842
- Zlomanov, V.P. see Gas'kov, A.M. 1-42513
- Zlomanov, V.P. see Vishnyakov, E.M. 1-16311
- Zlosilo, M. see Greene, F. 1-26413
- Zlotin, A.M. see Buldenko, A.P. 1-17130
- Zlotnicki, J. see Pozzi, J.P. 1-49262
- Zlotnik, E.Ya. see Zheleznyakov, V.V. 1-4866, 1-36255
- Zmievskaya, G.I., Pyarnpuu, A.A., Shematovich, V.I. Statistical modeling of the states of a gas mixture with allowance for energy exchange between translational and internal degrees of freedom 1-46837
- Zmija, J. see Lukasiewicz, T. 1-21339
- Zmija, J. see Lukasiewicz, T. 1-38596
- Zmija, J. see Michalski, E. 1-38335
- Zmija, J. see Zalewski, E. 1-38313, 1-42331
- Zmijan, J., Spalak, J. Ferromagnetic resonance line-width and shift by a group of dislocations 1-7957
- Zmijewski, K.H. Bending of an elastic shell in the form of an elliptic paraboloid supported on ribs 1-15400
- Zmora, H. see Klapisch, M. 1-1159
- Zmudzinski, C. see Pressouyre, G.M. 1-43532
- Znushko, V.V. see Abramov, V.V. 1-596
- Znachnenko, E.A. see Golovachev, V.I. 1-8030
- Znachnenko, M.P. see Golub, S.F. 1-41857
- Znachkovskii, O.Ya., Rakovskii, V.A., Solov'eva, N.G. Determining the critical brittle-ness temperature of sheet steel 1-12870
- Znamenskaya, E.V. see Moiseev, V.N. 1-16791
- Znamenskii, V.B. see Borisov, M.F. 1-41661
- Znamierowska, Z., Ratajczyk, F. Stochastic simulation of manufacturing the optical instruments with regard to material and technological aberrations 1-15292
- Znojil, M. Exact solution of the Schrodinger and Klein-Gordon equations for generalised Hulthen potentials 1-32866
- Znojil, M. The harmonic quadrupole oscillator and its anharmonic multipole descendants 1-36530
- Znofins, T.A., Reid, J., Garside, B.K., Ballik, E.A. 12-μm NH₃ laser pumped by a sequence CO₂ laser 1-29266
- Znynin, P.A. see Butslov, M.M. 1-36184
- Zobac, L. see Malek, Z. 1-44926

- Zoback, M. *see* Zoback, M.L. 1-27105
- Zoback, M.D., Hamilton, R.M., Crone, A.J., Russ, D.P., McKeown, F.A., Brockman, S.R. Recurrent intraplate tectonism in the New Madrid seismic zone 1-35959
- Zoback, M.D., Tsukahara, H., Hickman, S. Stress measurements at depth in the vicinity of the San Andreas fault: implications for the magnitude of shear stress at depth 1-27106
- Zoback, M.L., Zoback, M. State of stress in the conterminous United States 1-27105
- Zobel, V., Cleemann, L., Eberth, J., Heck, T., Neumann, W. Gamma-spectroscopic investigations on ^{67}Ge 1-10293
- Zobernig, G. *see* Brandelik, R. 1-23510, 1-23527, 1-50411
- Zobin, D. *see* Zarembo, E. 1-26106
- Zoboli, M. *see* Bassi, P. 1-37609
- Zobor, E., Burger, L., Gossanji, A., Janosy, J.S., Vegh, E. Direct digital control of the WWR-SM research reactor 1-28672
- Zobov, E.A. *see* Andreev, S.I. 1-46940
- Zochbauer, M. A new industrial apparatus for measurement and recording of nitric oxide by means of resonance absorption 1-26792
- Zocher, R.W. *see* Kent, R.A. 1-41224
- Zodan, Kh. *see* Walzog, D. 1-998
- Zoetelief, H. *see* McDonald, J.C. 1-44008
- Zoetelief, J., Engels, A.C., Broerse, J.J., Mijneer, B.J. Effect of finite size of ion chambers used for neutron dosimetry 1-23864
- Zoglowek, D. *see* Knockel, H. 1-46042
- Zohni, O. *see* Billerey, R. 1-18675
- Zokhdi, Z. *see* Emel'yanov, V.I. 1-33740
- Zolenko, V.A. *see* Arkatov, Yu.M. 1-33257
- Zolenko, V.A. *see* Khodyachikh, A.F. 1-10379
- Zolin, V.F., Koreneva, G.G. Use of the luminescence spectra of europium for the interpretation of structural data obtained using a lanthanide shift reagent 1-35086
- Zolin, V.F. *see* Belan, V.R. 1-33758
- Zolin, V.F. *see* Davydov, B.L. 1-33739
- Zolin, V.S. *see* Golubev, I.F. 1-52207
- Zoller, P., Belting, T. Many ways to the nucleus [nuclear reactors] 1-10512
- Zoller, P. *see* Alber, G.H. 1-24079
- Zoller, P. *see* Leubner, C. 1-6222
- Zoller, P. *see* Walls, D.F. 1-46432
- Zoller, U., Watson, F.G. Evaluation of affective and cognitive-affective domains in socially-oriented innovative science and technology curricula 1-36473
- Zollner, F. *see* Hesse, G. 1-40844
- Zollner, K. *see* Kruger, K. 1-49089
- Zollweg, R.J., McLain, D.K. On modeling vertical high pressure arcs with axial segregation of additives 1-38194
- Zolnerek, Z. *see* Erdos, P. 1-47842
- Zolnerek, Z. *see* Fuggle, J.C. 1-16661
- Zolnerek, Z. *see* Muraski, A. 1-47855
- Zolomy, I., Adan, A. Switching behaviour of MISS diodes 1-30831
- Zolotarev, N.A. A mathematical model of magnetisation of ferromagnetics in a unidirectional field 1-25979
- Zolotarev, V. *see* Abdullaev, A. 1-32073
- Zolotarevskii, D.B., Voinov, B.A. Reasons for the chipping of the surface layer of a bimetal of high-manganese and carbon steels 1-43607
- Zolotavin, A.V. *see* Anton'eva, N.M. 1-669
- Zolotavin, A.V. *see* Artamonova, K.P. 1-661
- Zolotarin, V.L. *see* Malakhov, S.K. 1-17128
- Zolotaro, A.S., Kitaeva, V.F., Kuz'minov, Yu.S., Polozkov, N.M., Sirobaba, E.Ya., Sobolev, N.N., Fedorov, V.V. Molecular scattering of light in barium-strontium niobate single crystals. [Elastic and photoelastic constants] 1-35067
- Zolot'ko, A.S. *see* Kitaeva, V.F. 1-21221
- Zolotitskii, Yu.V. *see* Palatnik, L.S. 1-30977
- Zolotarev, M.S. *see* Barkov, L.M. 1-10856, 1-11510
- Zolotov, E.M., Kazanskii, P.G., Chernykh, V.A. Investigation of tunnel radiation coupling into diffused LiNbO_3 waveguides 1-33800
- Zolotov, E.M., Prokhorov, A.M., Chernykh, V.A. Investigation of the diffusion of titanium into LiNbO_3 in the fabrication of optical waveguides 1-1692
- Zolotov, E.M. *see* Bozhevol'nyi, S.I. 1-51605
- Zolotov, V.S. *see* Yudkovskii, S.I. 1-43384
- Zolotovitskii, A.B. *see* Kalashnikov, V.P. 1-31028
- Zolotovitskii, A.B. *see* Kalashnikov, V.P. 1-38982
- Zolotukhin, A.V. *see* Grinval'd, I.I. 1-6165
- Zolotukhin, I.V., Kalinin, Yu.E., Kombarov, V.V. Internal friction and Young modulus of amorphous alloy $\text{La}_{80}\text{Al}_{20}$ 1-20314
- Zolotukhin, I.V., Pantelev, I.N., Miloshenko, V.E. Some superconducting characteristics of the amorphous alloy $\text{La}_{20}\text{Al}_{80}$ obtained by quenching from the liquid state 1-42878
- Zolotukhin, O.G. *see* Gurelik, V.S. 1-12508
- Zolotukhin, V.G. *see* Gel'man, B.G. 1-9399
- Zoltan, O.F. *see* Babadzhanyan, P.B. 1-4831
- Zoltai, L. Electroencephalographs 1-17512
- Zoltan, G.V. The energy required for changes to phase boundary surfaces in underground gas storage 1-13070
- Zombeck, M.V. *see* McCann, D.M. 1-5388
- Zombkovskii, S.M. *see* Beketov, G.V. 1-23513
- Zombrovsky, S.M. *see* Blinov, A.V. 1-23665
- Zommer, N. Characteristics of CO_2 deposited SIPOS films 1-12214
- Zomorodian, M. *see* Gottgens, R. 1-50472
- Zon, B.A., Mitin, Yu.N. Electron quadrupole echo signal in paramagnetic crystals 1-21036
- Zon, V.Sh. *see* Samsonenko, N.D. 1-31026
- Zong You-Tai, Qian You-Neng, Zhou Hong-Lai. Measurements of first, second and fourth sound-velocity in superfluid He II 1-47315
- Zong-cheng Liu *see* Liu Zong-cheng
- Zong-En Wu *see* Wu Zong-En
- Zong-Wu Yue *see* Yue Zong-Wu
- Zong-Ye Zhang *see* Zhang Zong-Ye
- Zong-you Pao *see* Pao Zong-you
- Zonn, Z.N. *see* Grunin, V.S. 1-3253
- Zonov, V.V. *see* Zakharov, V.N. 1-8394
- Zonova, I.V. *see* Suvorov, D.D. 1-54038
- Zoo You Yong *see* Yong Zoo You
- Zook, J.D., Koepke, B.G., Grung, B.L., Leipold, M.H. Supported growth of sheet silicon from the melt 1-3639
- Zook, J.D. *see* Koepke, B.G. 1-17209
- Zoppi, M. *see* Varshneya, D. 1-24925
- Zoppo, A. *see* Del Zoppo, A.
- Zorchenko, V.V. *see* Linkin, V.Ya. 1-34811
- Zorev, N.N. *see* Shikanov, A.S. 1-42210
- Zorev, N.N. *see* Vasin, B.L. 1-44923
- Zoril, U. *see* Klinker, E. 1-48995
- Zorin, A.B., Likharev, K.K. Size of the current steps in microwave irradiation of Josephson junctions 1-34835
- Zorin, A.Yu. *see* Trunova, T.K. 1-12710
- Zorin, E.I., Sukhorukov, V.V., Tetelbaum, D.I. Deposition of carbide and diamond-like films in the plasma of an RF gas discharge 1-26395
- Zorin, E.I. *see* Pavlov, P.V. 1-25313
- Zorin, F.I., Kotosonov, A.S., Volga, V.I. Electrical conductivity and Hall coefficient of polycrystalline graphite doped with boron 1-34724
- Zorin, Yu.M. *see* Balyuk, V.V. 1-9099
- Zorina, L.D. *see* Rokhach, A.G. 1-347, 1-37075
- Zorina, L.N., Bol'shukhin, V.A., Kruchnova, O.A., Lavrov, A.V., Soschichin, N.P. Photoluminescence and cathode luminescence of double metaphosphates of rare earth elements and lithium 1-39137
- Zorina, L.N. *see* Dzhurinskii, B.F. 1-39136
- Zorn, G.T. *see* Berger, C. 1-5636, 1-10209
- Zorn, G.T. *see* Berger, Ch. 1-14404, 1-23511, 1-45255, 1-45331, 1-50412
- Zornig, J.G. *see* Tuteur, F.B. 1-11227
- Zorski, T. Application of discrete Fourier transform in solving the inverse problem in gamma-ray logging 1-9268
- Zorzi, G. *see* De Zorzi, G.
- Zosimov, V.V. *see* Avatinyan, G.A. 1-37539
- Zoteev, V.S. Effect of absolute dimensions on fatigue crack growth rate in notched cylindrical specimen 1-31620
- Zotkin, Yu.G. *see* Perevertaev, V.D. 1-50195
- Zotov, N.I. *see* Khristoforov, B.D. 1-33025
- Zotov, N.M. *see* Zotov, V.M. 1-42240
- Zotov, N.P., Mukhin, S.V., Tsarev, V.A. Three-Reggeon vertices in the quark-gluon model 1-10163
- Zotov, V.M., Zotov, N.M. Reasons for occasion of discharges in small gas gaps 1-42240
- Zotti, G. *see* De Zotti, G.
- Zotti, G. *see* De Zotti, G.
- Zou Yuanxi *see* Wang Changzhen 1-38555
- Zoubhar, G., Jr., Finke, P., Guth, A., Schaper, M., Klaus, H.-J. Relation between structure and mechanical properties of high-strength low-alloy martensitic steels after high temperature thermomechanical treatment 1-31513
- Zoulalian, A. *see* Antonini, G. 1-43808
- Zounpas, F. *see* Krupicka, S. 1-47878
- Zoupanos, G. CP violation as a quantum effect 1-14292
- Zozime, A., Cohen-Solal, G. Sputtering yield of $\text{Cd}, \text{Hg}, \text{Te}$ bombarded by mercury ions 1-43235
- Zozulya, O.N. *see* Brainin, G.E. 1-3671
- Zschauer, K.H. *see* Lengyel, G. 1-41696
- Zschech, E., Merz, G., Blau, W., Kleinstuck, K. A simple method for determining the radius of curvature of bent spectrometer crystals 1-20030
- Zschokke-Grannacher, I. *see* von Burg, K. 1-8125
- Zschorsch, P. *see* Niczyporuk, D. 1-33175, 1-50421, 1-50447
- Zsolnai, E.M. *see* Viragh, E. 1-6099
- Zsolnai, L. *see* Dembrady, Z. 1-45424
- Zu Putlitz, G. *see* Egan, P.O. 1-51324
- Zu Putlitz, G. *see* Orth, H. 1-10875
- Zu Shu-Wei *see* Wang Zheng-Da 1-45492
- Zu-Huang Cai *see* Cai Zu-Huang
- Zu-lun Wang *see* Wang Zu-lun
- Zu-yuan Xu *see* Xu Zu-yuan
- Zu-yu Luo *see* Luo Zu-yu
- Zu-Zhan Huang How much are the masses of mesons which consist of a 6th quark and its antiquark? 1-45251
- Zub, E.M., Trofimova, Zh.P. Electrical and galvanometric properties of FeCr_2S_4 films 1-38795
- Zub, S.I. Excitation of a superconducting strip resonator by a system of point Josephson contacts 1-42924
- Zubairy, M.S. Quantum statistics of multimode m-photon absorption process 1-10948
- Zubairy, M.S. Photon statistics of a two-photon laser 1-33648
- Zubairy, M.S., Scully, M.O., Just, K. Beam width correction in high precision Sagnac interferometry 1-44996
- Zubakov, A.V. *see* Vlasenko, A.I. 1-47670
- Zubarev, A.L. *see* Galimzyanov, R.M. 1-36968
- Zubarev, I.G., Mironov, A.B., Mikhailov, S.I. Single-mode pulse-periodic oscillator-amplifier system with wavefront reversal 1-51494
- Zubarev, I.G. *see* Basov, N.G. 1-23294
- Zubarev, I.G. *see* Bel'dyugin, I.M. 1-1644, 1-33755
- Zubarev, P.V., Shmelev, A.G. Creep process kinetics and long-term strength of zirconium carbide. I 1-31557
- Zubarev, P.V., Shmelev, A.G. Creep process kinetics and long-term strength of zirconium carbide. II 1-39386
- Zubarev, P.V., Shmelev, A.G., Funke, V.F., Pshenichnyi, I.V., Lyakhov, D.M., Golomazov, V.M., Dement'ev, L.N. High temperature creep of $\text{ZrC-NbC-Mo}_2\text{C}_2$ solid solutions obtained by powder metallurgy methods 1-16835
- Zubarev, V.M. *see* Cherny, G.G. 1-29644
- Zubchenko, V.S., Kulish, N.P., Petrenko, P.V. The effect of low-temperature plastic deformation and subsequent annealing on the Cu-Al alloys residual electrical resistivity 1-8442
- Zuber, B.L., Djordjevic, L. Effective sampling time for saccadic eye movement from experiments using a vergence input 1-35770
- Zuber, J.B. *see* Itzykson, C. 1-5487
- Zuber, J.-B. *see* Ginsparg, P. 1-28173
- Zuberek, R. Columnar model of magnetostriction in amorphous films 1-52822
- Zubin, A.B. On the determination of hydrologic seasons (as exemplified by the North Atlantic) 1-54134
- Zubin, A.B. *see* Titov, V.B. 1-54132
- Zubkov, A.N., Vuba, K.T. Evaluation of the long-term strength of structural materials with random loading 1-3863
- Zubkov, L.A. *see* Adzhemyan, L.V. 1-52964
- Zubkov, N.P. *see* Aleksandrov, I.V. 1-1713
- Zubkov, P.I. *see* Lukjantshikov, L.A. 1-34180
- Zubkov, V.I. *see* Bespyatykh, Yu.I. 1-25923
- Zubkova, V.T. *see* Parabina, G.I. 1-53141
- Zubov, B.V. *see* Zhekov, V.I. 1-1573
- Zubov, P.I. *see* Voronkov, V.A. 1-11285
- Zubov, V.A., Kraiskii, A.V. Recording of Fourier holograms with a scatterer image in the hologram plane 1-51423
- Zubov, V.A., Sultanov, T.T. Correlational processing of optical information with the use of the twin-wave interferometer 1-19280
- Zubov, V.A. *see* Borkova, V.N. 1-1522
- Zubov, V.E., Krinchik, G.S., Lyskov, V.A. Surface anisotropy and helioid magnetic structure at the basal faces of hematite 1-43102
- Zubov, V.G., Koval'chuk, N.G., Pytel', I.D., Semestnyi, K.S. Measurement of the coefficient of thermal inertia of thermocouples under operating conditions 1-18227
- Zubov, V.I. On the statistical theory of vacancies in strongly anharmonic crystals 1-2432
- Zubova, E.V. *see* Sevast'yanova, L.G. 1-35197
- Zubritskii, E.V. *see* Boronov, V.V. 1-32493
- Zuca, S. *see* Moraru, D. 1-26855
- Zucca, J.J., Hill, D.P. Crustal structure of the southeast flank of Kilauwa volcano, Hawaii, from seismic refraction measurements 1-32389
- Zuccarello, F., Buemi, G., Raudino, A. Spectroscopic CNDO/CI study of some cyclic polyenes 1-45851
- Zuccarello, F. *see* Buemi, G. 1-24278, 1-51120
- Zucchelli, S. *see* Bussiere, A. 1-10265
- Zucchi, F. *see* Frignani, A. 1-31720
- Zucchiatti, A. *see* Corvisiero, P. 1-5751
- Zucchini, M. *see* Frignani, A. 1-31720
- Zucker, J. *see* Lee, J. 1-33848
- Zucker, M.S. *see* Fainberg, A. 1-14623
- Zucker, M.S. *see* Fiarman, S. 1-18752
- Zucker, S.M. *see* Nehru, C.E. 1-22743
- Zucker, S.W. *see* Ferrie, F.P. 1-53765
- Zuckerman, B. Carbon monoxide microwave emission from stars in the two-micron sky survey 1-40478
- Zuckerman, B., Terzian, Y., Silverglate, P. A search for atomic hydrogen from evolved stars and planetary nebulae 1-44537
- Zuckerman, B. *see* Evans, N.J., II 1-9601
- Zuckerman, M.J., Pink, D. The correlation length and lateral compressibility of phospholipid bilayers in the presence of thermodynamic density fluctuations 1-8825
- Zuckermann, M.J. *see* Harris, R. 1-20940
- Zuckermann, M.J. *see* Pink, D.A. 1-35758
- Zuckermann, M.J. *see* Tannous, C. 1-12102
- Zuckerwar, A.J., Griffin, W.A. Effect of water vapor on sound absorption in nitrogen at low frequency/pressure ratios 1-37677
- Zuckler, K. *see* Kopplin, H. 1-34151
- Zuer, A.I. *see* Avrorin, E.N. 1-18884

- Zuev, I.V., Solishchev, S.V., Skobelkin, V.I. Autoscillations during the action of concentrated energy sources on materials 1-47113
- Zuev, L.B., Sergeev, V.P. Increase of dislocation paths in NaCl:Si crystals by electric pulses 1-52144
- Zuev, L.B. see Sergeev, V.P. 1-25287
- Zuev, V.A. see Dmitruk, N.L. 1-7663
- Zuev, V.E. see Antipov, A.B. 1-24161
- Zuev, V.S., Kanaev, A.V., Mikheev, L.D., Stavrovskii, D.B. Mechanism of emission of blue luminescence from ArKrF^+ and KrN_2F^+ excimers 1-33499
- Zuev, V.S., Mikheev, L.D., Pogorelskii, I.V. Ultimate characteristics of an XeO photochemical laser 1-33676
- Zueva, G.Ya., Kozlov, D.N., Nieklo, P.V., Prokhorov, A.M., Smirnov, V.V., Tchukin, S.M. High resolution CARS and infrared spectroscopy of the $\nu_1(a_1)$ and $\nu_2(f_2)$ vibrational states of $^{28}\text{SiH}_4$ and $^{28}\text{GeH}_4$ 1-14891
- Zueva, G.Ya., Kozlov, D.N., Smirnov, V.V. Rotational structure of the vibrational state $\nu_1(a_1)$ of the GeH_4 molecule 1-10739
- Zueva, N.O. see Felin, G.A. 1-31334
- Zueva, R.S. see Vechikh, G.V. 1-23340
- Zughul, M., Gelfand, J., Rabitz, H., DePristo, A.E. Pressure broadening in the 0-4 through 0-7 overtone bands of H^{35}Cl and H^{37}Cl 1-1285
- Zugravescu, D., Fatulescu, I., Dorobantu, R., Delion, D. Crust tilts caused by the baric field variations at Pades-Gorj and Craicunesti-Deva 1-44071
- Zuhr, R.A., Withrow, S.P., Roberto, J.B. Deuterium and impurity deposition profiles in the plasma edge of ISX-B 1-25027
- Zuhr, R.A. see Alton, G.D. 1-23905
- Zuhr, R.A. see Roberto, J.B. 1-24987
- Zui Kan Ngo see Ngo Zui Kan
- Zuikov, V.A. see Samartsev, V.V. 1-1652
- Zuilhof, M.J., Tjon, J.A. Electromagnetic properties of the deuteron and the Bethe-Salpeter equation with one-boson exchange 1-18553
- Zuk, W. see Maczka, D. 1-6975
- Zukauskas, A.A., Ulinskas, R.V., Zakrevsky, V.F. Method of exposing efficient heat exchange surfaces 1-9977
- Zuker, A. see Cairier, E. 1-14454, 1-14455
- Zuker, M., Mihalovic, G., Romanowski, M. Systematic search for orthogonal systems in the calibrations of submultiples and multiples of the unit of mass 1-50105
- Zukerman Spectrograph, J. see Castellano, E.E. 1-30212
- Zukotynski, S. see Yacobi, B.G. 1-42640
- Zukova, A.A., Abaskalov, V.D., Frolov, V.V., Kogai, T.E., Ushakov, M.T., Maksimova, T.A. Method of evaluating the compactness of graphite inclusions in malleable cast iron 1-8498
- Zukowska, K. see Idczak, E. 1-35111
- Zuleeg, R., Lehovec, K. Radiation effects in GaAs junction field-effect transistors 1-2505
- Zulfkarneev, R.Ya., Kutuev, P.Kh., Murtazaev, Kh. Angular and momentum dependence of the polarization of protons emitted in pC collisions at 640 MeV 1-10376
- Zulun Wang see Wang Zulun
- Zum Gahr, K.H., Scholz, W.G. Fracture toughness of white cast irons 1-53259
- Zum Gahr, K.-H., Eldis, G.T. Abrasive wear of white cast irons 1-48527
- Zum Gahr, K.-H. see Bauschke, H.-M. 1-39475
- Zumdieck, J.F. see Taussig, R.T. 1-50942
- Zumer, S., Blinc, R. Nuclear spin-lattice relaxation in incommensurate systems 1-43029
- Zumer, S. see Aleksandrova, I.P. 1-7969
- Zumofen, G., Blumen, A. Random walks with variable step length on regular lattices 1-44845
- Zumsteg, A.E. see Suda, P. 1-16937
- Zumwalt, L.R. see Solomah, A.G. 1-41217
- Zun, I. The transverse migration of bubbles influenced by walls in vertical bubbly flow 1-19784
- Zundel, G. see Brzezinski, B. 1-10734, 1-14913, 1-19096
- Zunger, A. Nonlocal pseudopotential calculation of the electronic properties of relaxed GaAs (110) surface 1-3035
- Zunger, A. Systematization of the stable crystal structure of all AB-type binary compounds: a pseudopotential orbital-radii approach 1-34260
- Zunger, A. see Lam, P.K. 1-2854
- Zuniga, F.J. see Perez-Mato, J.M. 1-52100
- Zuniga, M.A., Kong, J.A. Modified radiative transfer theory for a two-layer random medium 1-10892
- Zunino, P. see Cazarra, V. 1-2979
- Zuo Xiao see Xiao Zuo
- Zuo-ran Lin see Lin Zuo-ran
- Zuochoen Wang see Wang Zuochoen
- Zupancic, I. see Machado da Silva, J.C. 1-43009
- Zuppiroli, G., Perchard, C., Baron, M.H., de Loze, C. Spectroscopic study of mercuric derivatives of amide thiols. I. Vibration spectra and structure of thiol-2 N-methylacetamide, thiol-3 N-methylpropanamide and N-(thiol-2 ethyl) acetamide 1-24156
- Zuppiroli, G. see Burneau, A. 1-37208
- Zuppiroli, L., Bouffard, S., Bechgaard, K., Hilti, B., Mayer, C.W. Irradiation effects in quasi-one-dimensional organic conductors: The evidence of a transverse fixed-range phonon-assisted hopping 1-38767
- Zuppiroli, L. see Mermilliod, L. 1-25511
- Zuppiroli, L. see Mihaly, G. 1-25714
- Zupranska, E., Rusek, K., Turkiewicz, J., Zupranski, P. Excitation functions for (n,α) reactions in the neutron energy range from 13 to 18 MeV 1-23649
- Zupranski, P. see Zupranska, E. 1-23649
- Zuputz, P. see Zieber, V. 1-35110
- Zurabishvili, N.G. see Glurdzhidze, L.N. 1-26295
- Zuravleva, M.S. see Aksinenko, V.D. 1-18662
- Zurcher, J.-F. see Pellaux, J.-P. 1-19479
- Zurek, A.K., Marcus, H.L. Application of SIMS and AES to environmental studies of fatigue crack growth in aluminum alloys 1-31638
- Zurek, A.K., Marcus, H.L., Cecil, J.N., Powers, R. SIMS study of deuterium trapping in ion implanted aluminum alloys 1-26787
- Zurek, P.M. Spontaneous narrowband acoustic signals emitted by human ears 1-49007
- Zurek, R.W. Surface pressure response to elevated tidal heating sources: comparison of Earth and Mars 1-17779
- Zurek, W.H. Alfvén-driven cyclotron corona as a model for quasar infrared 1-27630
- Zurek, W.H., Schieve, W.C. On chemical bond definitions: comparisons to computer study on dimer formation 1-17045
- Zurek, W.H., Schieve, W.C. The three body partition function for hard core square well clusters 1-24306
- Zurek, Z. see Werber, T. 1-3961
- Zurkova, L., Gaplovska, K., Sucha, V. Study of solid-phase reaction between CsNO_3 and V_2O_5 in the molar ratio 6:5 1-26729
- Zurmühle, R.W. see Young, K.C., Jr. 1-45455
- Zurn, W., Knopoff, L., Rydekal, P.A. High precision measurement of the frequency of mode ρ_{50} 1-35946
- Zurn, W. see Wenzel, F. 1-246
- Zurong Yu see Yu Zurong
- Zusman, L.D., Gel'man, A.B. Dynamic theory of reorientation 1-34258
- Zusmanovich, A.G., Satsuk, V.V., Churunova, L.F. Relationship between cosmic ray intensity and level of solar activity 1-36147
- Zutter, D. De see De Zutter, D.
- Zuvers, H.E. see Schmidlin, P. 1-6025
- Zuzofsky, R. see Kaplan, E. 1-36476
- Zvara, I. see Zhuikov, B.L. 1-9442
- Zvara, M., Rode, O., Bok, J., Gardavsky, J., Hlilek, P. Fine structure of the reflectivity maximum of CdCr_2S_7 single crystals 1-21224
- Zvara, M. see Unterrecker, S. 1-26093
- Zvengorowski, P. see Shastri, A.R. 1-18084
- Zvergorodskaya, A.I. see Bessonov, V.I. 1-44906
- Zverev, A.G., Nablev, R.F., Pechenov, A.N., Popov, Yu.M., Skorbun, S.D. Method for measuring the optical gain in semiconductors 1-51491
- Zverev, G.M., Kalinin, D.G., Kuznetsov, I.N., Naumov, V.L., Pashkov, V.A. Electrooptic lithium tantalate switch 1-37520
- Zverev, S.A. see Erokhin, A.A. 1-11601
- Zverev, V.A., Krikunova, E.M., Markus, F.A. A method for testing the 'frozen' turbulence hypothesis for randomly inhomogeneous transparent media [EM wave propagation] 1-37392
- Zverev, V.A., Rodionov, S.A., Sokol'skii, M.N., Usoskin, V.V. Use of Hartman diaphragm in a converging beam to test telescopes in an observatory 1-11064
- Zverev, V.A. see Agurok, I.P. 1-24473
- Zverev, V.A. see Gorbachev, V.I. 1-8501
- Zverev, V.M., Silin, V.P. Excitation in ferromagnetic conductors with anisotropic Fermi surfaces in a magnetic field 1-2898
- Zverev, V.M., Silin, V.P. Impedance of a conducting ferromagnetic plate in a magnetic field 1-3159
- Zverev, V.N., Poluektov, N.P., Kharchenko, V.N. Polarized layer in a plasma centrifuge 1-51997
- Zverev, V.N. see Gantmakher, V.F. 1-34750, 1-47701
- Zverev, V.N. see Vorob'ev, R.N. 1-30771
- Zverev, V.V., Villem, Ya.Ya. Ionization potentials of phosphoryl compounds 1-33504
- Zvereva, A.M. On the possible energy stellar standards in spectral region $\lambda 1000-3500 \text{ \AA}$ 1-17823
- Zverkhovskiy, Yu.Ye. Experimental study of unsteady mass transfer in laminar pipe flow of non-Newtonian liquids 1-29774
- Zverko, J. see Kriz, S. 1-40529
- Zvezdin, A.K., Popkov, A.F. Magnetic phase diagrams of hexagonal ferrimagnets in the compensation temperature range 1-3174
- Zvezdin, A.K. see Derkachenko, V.N. 1-25941
- Zvezdin, M.K. Interaction of the nuclear spin system in a metal with dopplers at the NMR frequency 1-26050
- Zvezdin, V.S. see Basov, N.G. 1-6597
- Zvezdova, N.P., Kats, M.L., Gyunsbon, K.E., Golubentseva, L.I. Optical stability of F color centers in KCl and NaCl crystals at low temperatures 1-2438
- Zviadadze, G.N. see Gulyanitskaya, Z.F. 1-31434
- Zvigintsev, N.V. see Bityukov, S.M. 1-43338
- Zvirgzde, J.V. see Zvirgzds, J.A. 1-16533
- Zvirgzds, J.A., Zvirgzde, J.V. The critical behaviour of the Debye-Waller factor in BaTiO_3 at ferroelectric phase transition 1-16533
- Zvirin, Y. see Kalra, S.P. 1-29762
- Zvirin, Y. see Pnueli, D. 1-6884
- Zvol'ska, V. see Abdurazakov, A.A. 1-33217
- Zvol'ski, I. see Abdurazakov, A.A. 1-33217
- Zvonarev, A.K., Maidanik, V.N., Proshutinskii, A.P., Tolmachev, A.G., Shanin, V.K. Calculation of the pressure change caused by saturated steam entering a vessel 1-5837
- Zvonkov, A.V., Timofeev, A.V. Electron cyclotron resonance of electromagnetic oscillations propagating across an inhomogeneous magnetic field 1-38107
- Zvonkova, Z.V. see Magomed, N.S. 1-7159
- Zvonov, V.S., Mitroshin, V.E. Description of octupole states of even-even nuclei 1-45383
- Zvonov, V.S. see Gusinskiy, G.M. 1-45423
- Zvyagin, A.I. see Anders, E.E. 1-20416
- Zvyagin, A.I. see Elchaninova, S.D. 1-47941
- Zvyagin, A.I. see Otko, A.I. 1-7319
- Zvyagin, I.P. Quantum-statistical theory of transport by localized carriers in disordered semiconductors 1-2962
- Zvyagintsev, A.M. see Razumov, V.A. 1-4136
- Zvyagintseva, I.F. see Belaya, A.N. 1-30109
- Zvyagintseva, I.F. see Dobrovinskaya, E.R. 1-30110
- Zvygin, I.P. Kinetic equation for localizing electrons in the field of a strong electromagnetic wave 1-30677
- Zwaag, S. Van Der see Van Der Zwaag, S.
- Zwaan, C. see Greve, A. 1-17818
- Zwamborn, A.W. see van der Schee, E.J. 1-44057
- Zwanenburg, R. The ECS solar array 1-39785
- Zwanzig, W. Relation of the 27-day cosmic-ray variation with the sector structure of the interplanetary magnetic field and with solar plasma flows 1-22646
- Zwarts, F. see Harakeh, M.N. 1-23594
- Zweibaum, F.M., Lucia, L.V., Kozlowski, A.T., Surette, W.E., Jr. Design considerations for a microprocessor-based multipurpose spectral radiometer system 1-44985
- Zweibaum, F.M., Lucia, L.V., Kozlowski, A.T., Surette, W.E., Jr. Applying a microprocessor-controlled spectral radiometer system to field measurements 1-44986
- Zweifel, P.F. see Arthur, M.D. 1-6941
- Zweifel, P.F. see Brysk, H. 1-45475
- Zweigorn, R.B. see Cooper, W.D. 1-35457
- Zwemer, D.A. see Chabal, Y.J. 1-48200
- Zwemer, D.A. see Harris, C.B. 1-11821
- Zwenger, W., Kehr, K.W. On the frequency dependence of the conductivity in random walk models with internal states 1-34673
- Zwick, A., Renucci, M.A., Kjekshus, A. Raman scattering in the IVB transition-metal trichalcogenides: ZrS_2 , ZrSe_2 , ZrTe_2 and HfSe_2 1-12492
- Zwick, A. see Carles, R. 1-26206, 1-39094, 1-48062
- Zwick, H., Stuck, B.E., Beatrice, E.S. Low-level laser light effects—long-term effects 1-43900
- Zwick, H. see Robbers, D.O. 1-13243, 1-43901
- Zwick, H.H., Miller, J.R., Piau, J.F. A four-channel photometer for reflectance profile measurements in airborne remote sensing 1-32528
- Zwick, H.H. see Jain, S.C. 1-22373
- Zwick, U. Present position of standardization of optical fibres and cables and of optical measuring techniques 1-19454
- Zwick, U. see Heitmann, W. 1-11144, 1-33816
- Zwick, U. see Kaiser, M. 1-19461
- Zwick, U. see Kimmich, K. 1-19449
- Zwick, U. see Mohr, F. 1-24504
- Zwickner, E., Terhardt, E. Analytical expressions for critical-band rate and critical bandwidth as a function of frequency 1-13258
- Zwickner, E. see Florentine, M. 1-35787
- Zwickner, W.K. see Allen, R. 1-29309
- Zwicksnag, G. The influence of short-range order on electronic properties of transition metals. II. Amorphous metals 1-25621
- Zwicksnag, G. The influence of short-range order on electronic properties of transition metals. I. Crystalline systems 1-25628
- Zwieglin, B. see Crawley, G.M. 1-41036
- Zwierzak, A. see Bukowska-strzyzewska, M. 1-25246
- Zwiesele, S., Diehl, J. Temperature and strain rate dependence of the macro yield stress of high purity iron single crystals 1-12830
- Zwilling, G. Preparation of gadolinium metal by the electrolysis of Gd_2O_3 . I. Thermodynamic characterisation of molten fluoride salts 1-26407
- Zwolsky, K.M. Advances in materials technology for fusion reactors 1-41234

- Zwingelstein, G., Cormault, P., Jacquot, J.P., Authier, J.C., Giret, B., Gopal, R. Comparative study of on-line response time measurement methods for platinum resistance thermometer 1-27979
- Zwingelstein, G. *see* Gautier, A. 1-28674
- Zwingelstein, G.C. Application of aggregation techniques for model order reduction of nuclear plants for operator guidance systems 1-50907
- Zwingmann, W., Schindler, K. Magnetic islands in the quiet magnetotail 1-36109
- Zwissler, J.B. *see* Pabst, R.F. 1-3875
- Zwol, N.A. *van see* van Zwol, N.A.
- Zwol, N.A. *Van see* Van Zwol, N.A.
- Zyatchina, T.G. *see* Basov, Yu.P. 1-11401
- Zyat'kov, I.P., Mogil'nyi, V.V. Nature of phosphorescent states of p-formylstyrene units in p-formylstyrene-methyl methacrylate copolymers 1-41527
- Zybalov, A.A. *see* Bratashevskii, A.S. 1-5633
- Zybert, J.J., Rächinger, W.A., Phakey, P.P., Orams, H.J. Theoretical determination of composite material elastic compliances 1-7226
- Zybin, A.V. *see* Bol'shov, M.A. 1-53519
- Zychal, A. *see* Rys, J. 1-48362
- Zycka-Sechman, J. *see* Stepień, B. 1-21353
- Zygmunt, A. *see* Blaise, A. 1-16447
- Zygmunt, A. *see* Ptasiiewicz-Bak, H. 1-47857
- Zykov, A.M. *see* Grekov, F.F. 1-30168
- Zykov, B.M. Fabrication of spherical grids for an electronograph 1-50277
- Zykov, N.A. *see* Sevast'yanov, R.M. 1-51256
- Zykov, P.G., Bogdanov, P.I., Rasponin, A.S. NMR study of the self-diffusion coefficient in SF₆ over a broad density range 1-24918
- Zyl, B. *van see* van Zyl, B.
- Zyl, B. *Van see* Van Zyl, B.
- Zylberajch, S. *see* Bussiere, A. 1-10265
- Zylicz, J. *see* Lemmert, P. 1-28376
- Zyong Nguen Khuan *see* Nguen Khuan Zyong
- Zyrkanov, G.K. *see* Titov, L.A. 1-43236
- Zyrnicki, W. The electronic partition functions and thermodynamic functions of Si I and II at high temperatures 1-30421
- Zyryanov, G.K. *see* Knyazev, S.A. 1-25127, 1-25397
- Zyryanov, G.K. *see* Titov, L.A. 1-2537
- Zyryanova, N.P., Okulov, V.I. Dispersion equation for potential surface plasma waves and natural oscillations of the electron density in the metal surface layers 1-12161
- Zyskind, J., Rios, M., Rolfs, C. The 178 keV resonance in ²³Na(p, α)²⁰Ne and its relevance to the NeNa cycle 1-49611
- Zyskind, J. *see* Lockyer, N. 1-18503
- Zytow, A.N. *see* Thorne, K.S. 1-44588
- Zytner, Y.D., Makarov, K.A. Polymer film formation with electrochemical polymerization initiation 1-31856
- Zytveld, J.B. *Van see* Van Zytveld, J.B.
- Zyubin, A.S. *see* Klimenko, N.M. 1-6151
- Zyubrik, A.I. Photoinduced alterations in amorphous As₂Se_{1-x}, As₂S_{1-x}, As-S-Sm films 1-42323
- Zyubrik, A.I., Stetsiv, Ya.I., Kavich, I.V., Osipenko, V.P., Zachko, I.Yu., Balota, N.N., Yakibchuk, O.P. The study of certain optical properties and short-range order parameters in amorphous films of the Ge-Sb-S system 1-53010
- Zyubrik, A.I., Zhovtanetskii, O.I., Fitbo, V.M. Some electrophotographic characteristics of photothermoplastic films based on poly-N-epoxypropylcarbazole 1-23360
- Zyubrik, A.I. *see* Turyanitsa, I.I. 1-37443
- Zyukov, V.T. *see* Bobrysheva, A.I. 1-2877
- Zyuzin, A.P. *see* Golomazov, M.M. 1-2022
- Zyuzin, A.Yu. *see* Terukov, E.I. 1-25635



- 1/f noise, (58 refs.).....14093
³He-⁴He quantum solutions, (71 refs.).....52386
³He-⁴He quantum solutions, magnetic properties, (100 refs.).....7409
⁴He, nonasymptotic critical dynamics near superfluid transition, (54 refs.).....25519
5f electrons in actinide metals, (50 refs.).....47529
A=106, nuclear data sheets to May 1980, (220 refs.).....17954
A=115, nuclear data sheets to October 1979, (238 refs.).....17955
A=152, nuclear data sheets to September 1979, (352 refs.).....17953
A=191, nuclear data sheets to September 1979, (177 refs.).....22961
A=45-90 nuclei, gamma-ray transition strengths, (271 refs.).....13941
A=85, nuclear data sheets to August 1979, (124 refs.).....22959
A=92, nuclear data sheets to September 1979, (179 refs.).....22960
a-/s²H, states distrib. determ. using MIS tunnel junctions, (66 refs.).....20609
Ab initio study of the in-plane harmonic force fields and fundamental vibrational frequency of cis- and trans-1,3-butadiene, (56 refs.).....37104
Ab initio study of X-ray excited states in NO and O₂ radicals, (20 refs.).....24058
Absorption of fossil fuel CO₂ by ocean, (71 refs.).....26864
Abundance of carbon monoxide in galaxies, (62 refs.).....9614
Acetylene-transition metal interaction, Hartree-Fock-Slater-LCAO studies, (68 refs.).....52430
Acoustic emission for physical examination of metals, (133 refs.).....8505
Acoustic fluxes in white dwarfs, (72 refs.).....49646
Acoustic reflex growth in the aging adult, (58 refs.).....4294
Acoustical tensometry, physical principles, (65 refs.).....29561
Active media of exciplex lasers, (295 refs.).....1553
Adamantine ternary epitaxial layers, (134 refs.).....42650
Adhesion of metals at high temperature, (175 refs.).....26714
Adsorption kinetics of multicomponent mixtures, (100 refs.).....7474
Adsorption of hydrogen on Pd(100), (70 refs.).....16183
Advanced evolution of intermediate-mass stars, (72 refs.).....49608
Advances in marine aerosol research, (119 refs.).....13540
Afr volcanics Sr isotope composition, (50 refs.).....13425
Africa rainfall record, (53 refs.).....17683
Ag containing glass, coloration and optical anisotropy, (69 refs.).....3351
Ag, optical characteristics in finely dispersed systems, (131 refs.).....28110
Ages and abundances of globular clusters and oldest open clusters, (71 refs.).....36357
Al alloy with microduplex structure, (61 refs.).....39354
Algebraic computing in general relativity, (92 refs.).....18145
Alkali halides, crystal mechanics study, (66 refs.).....47188
Alkali defect structures and growth mechanisms, (101 refs.).....7160
Allende meteorite refractory inclusions, (209 refs.).....13743
Alpha decay energies and intensity values, (245 refs.).....13939
Americium differential neutron data, (55 refs.).....14527
Amorphography and the modelling of amorphous solid structures by geometric transformations, (56 refs.).....30056
Amorphous semiconductors, (185 refs.).....47441
Amorphous semiconductors, theory, (63 refs.).....30681
Amorphous superconducting alloys, (62 refs.).....20910
Analytical and numerical results for the steady state in cooperative resonance fluorescence, (60 refs.).....6197
Analytical control in the technology of semiconductor epitaxial structures, (91 refs.).....31933
Analytical measurement techniques, transformation of matter methods, (50 refs.).....50116
Anion vacancy centers in alkaline earth oxides, (171 refs.).....38366
Anisotropic and inhomogeneous relativistic cosmologies, (195 refs.).....22939
Anomalous isotopic composition of cosmic rays, (56 refs.).....54335
Applications of Raman spectroscopy, (404 refs.).....36470
Archaeal sedimentation, (101 refs.).....13457
Arcing and sputtering in Tokamaks, (55 refs.).....25021
Arcs, high power, (164 refs.).....38173
Artificial electron beams in magnetospheric research, (96 refs.).....36160
Artificial satellite interaction with ionosphere, (91 refs.).....40204
As, NQR studies, (61 refs.).....21079
Aspects of linear theory of shells, (45 refs.).....6766
Astronomy colour photography, (70 refs.).....49530
Astronomy of faint objects, (58 refs.).....4779
Astrophysical formulae handbook, (3492 refs.).....9784
Atlantic Ocean origin, (71 refs.).....35968
Atlantic, tides in N.E. sector, (63 refs.).....17622
Atmosphere precipitation, (67 refs.).....32484
Atmosphere ranging through lidar, (57 refs.).....44332
Atmosphere remote sensing techniques, (165 refs.).....13616
Atmosphere sulphur emissions, natural and pollution, (117 refs.).....40152
Atmosphere-surface boundary layer fluxes, (47 refs.).....22535
Atmosphere thermal structure, (104 refs.).....49365
Atmospheric acoustic sounders, (57 refs.).....17705
Atmospheric aerosols and global climate, (55 refs.).....49349
Atmospheric chemistry of S cycle, (111 refs.).....40151
Atmospheric effects on satellite motion, (91 refs.).....22562
Atmospheric laser Doppler velocimetry, (222 refs.).....4649
Atmospheric light propagation, (79 refs.).....40179
Atmospheric SO₂ oxidation, (76 refs.).....22379
Atmospheric sulphate concentrations in E. United States, (50 refs.).....53730
Atom and radical recombination reactions, (205 refs.).....12997
Atomic magnetic anisotropy in nucleic acid bases and intercalating agents, ring current and atomic magnetic anisotropy effect, (53 refs.).....51253
Atomic photoionisation, (93 refs.).....28932
Atomic structure of Si(111) surfaces, (57 refs.).....7438
Atomic transition probabilities, (600 refs.).....13945
Atoms and ions, electron and positron scattering, (53 refs.).....51289
Auditory brain stem response abnormalities in severely and profoundly retarded adults, (52 refs.).....32136
Auditory frequency selectivity, (53 refs.).....35787
Auroral particle acceleration, (143 refs.).....13626
Auroral record and secular solar variability, (55 refs.).....36095
Australian Great Artesian Basin, (129 refs.).....4544
Automatic stellar spectral classification, (57 refs.).....54396
Badland erosion and runoff, (48 refs.).....13491
Ball lightning, (55 refs.).....9216
Barium cycle in open ocean suspended barite particles, (62 refs.).....4509
Baryon asymmetry of the Universe, (91 refs.).....33150
Bending, three-node triangular elements, (60 refs.).....24677
Beta decay and lepton number conservation, (117 refs.).....23605
Beta decay, secondary effects, (142 refs.).....23606
Beta strength function fine structure in nuclear physics and astrophysics, (119 refs.).....45465
Bilocal models describing relativistic mechanisms of confined particles, (69 refs.).....10149
Binary stars in globular and open clusters, (83 refs.).....36341
Biomagnetism, (281 refs.).....35790
Biomedical image segmentation, (97 refs.).....35861
Biomedical ultrasound, (590 refs.).....32815
Biomedical ultrasound, (500 refs.).....49894
Biorheology: past, present and future, (61 refs.).....8891
Bistable optical devices, (70 refs.).....37541
Black chrome solar selective surfaces, (136 refs.).....48700
Black hole astrophysics, (133 refs.).....22830
Black holes, (92 refs.).....18117
Block copolymer preparation techniques, (133 refs.).....13003
Blood rheology, principles and applications, (56 refs.).....35802
Bombardment-induced compositional changes in alloys and oxides, (62 refs.).....16648
Boundary layer laminar to turbulent transitions, (61 refs.).....42042
Bounded semiconductors, fully macroscopic description, (81 refs.).....42842
Brillouin scattering from polymers, (60 refs.).....35064
Bulk analysis in prompt gamma ray spectrometry, (66 refs.).....13056
Bulk energy band dispersions experimental determination, (50 refs.).....31301
C₆, C₈ and C₁₀ isotropic dispersion energy coefficient evaluation, (91 refs.).....10622
Ca and Sr diffusion in Ap and Bp stars, (54 refs.).....54501
Calculation of Hamaker constants for Lifshitz theory with applications to wetting phenomena, (57 refs.).....53476
Calculation of vibronic spectra of polyatomic molecules in the Franck-Condon and Herzberg-Teller approximations. I. Methods for calculating matrix elements, (74 refs.).....28957
CAMAC serial highway development, (89 refs.).....243
Cancer risk from low-level radiation, (98 refs.).....17457
Cancer therapy by hyperthermia and radiation, (125 refs.).....53884
CaO ab initio calculations of atomic correlation and bond lengths, (62 refs.).....28856
Capture reactions with protons, neutrons, and alpha particles, (115 refs.).....28479
Carbonaceous chondrites, chemistry and origin, (110 refs.).....40436
Carbonic metamorphism, granulites and Earth crust formation, (85 refs.).....17568
Cardiac action potentials, simulated propagation, (59 refs.).....8834
Cardiac electrical activity, changes in rate and rhythm, (224 refs.).....8842
Cardiac muscle contractility, (85 refs.).....39954
Cardiac muscle mechanics and energetics, (69 refs.).....32161
Catalogue and index of planetary nebulae, (20 refs.).....49539
Catalogue of nonstellar water maser sources, (80 refs.).....9388
Cathodoluminescence in SEM, TEM and electron microprobe, (104 refs.).....17966
Cation effects in molten alkali metal nitrate electroreduction, (55 refs.).....8578
Cauchy problem in general relativity, (175 refs.).....18093
Causality and analyticity in optics, (83 refs.).....41558
CC C/C composites, structure and strength, (58 refs.).....48421
CC GaAs:Cr, luminescence interpretation, (82 refs.).....35085
CdS, acoustoelectric displacement and current fluctuations, (82 refs.).....52612
CdS/Cu₂S solar cells, basic operation and anomalous effects, (61 refs.).....17202
Cepheid instability strip, (74 refs.).....9505
Cepheid variable stars, (68 refs.).....40501
Ceramic nuclear fuels, (110 refs.).....14636
CERN muon (g-2) experiments, (68 refs.).....45288
CF₃NO photodissociation dynamics, (62 refs.).....37278
Chalcogenide glasses, structure and transport properties, impurity and defect effects, (65 refs.).....15804
Characterisation and properties of semiconductors, (422 refs.).....47712
Characterisation of dielectric materials, (67 refs.).....39019
Charge density waves in transition metal compounds, (56 refs.).....30653
Charge transfer of multiply charged ions, (54 refs.).....32615
Charge transfer reactions on semiconductor surfaces, (201 refs.).....30574
Charm, strangeness and colour, (83 refs.).....28288
Charmonium and charm particle properties, (144 refs.).....28299
Chemical and electronic structure of SiO₂ and SiO, by photoelectron spectroscopy, (325 refs.).....3578
Chemical and gasdynamic lasers, (353 refs.).....10995
Chemical bonding, (131 refs.).....10625
Chemical evolution of solar neighbourhood, (81 refs.).....44630
Chemical kinetics in polymer ageing and stabilisation, (68 refs.).....48396
Chemical nomenclature, graph-based, (74 refs.).....13065
Chemical reaction kinetics of intercalation compounds, (67 refs.).....31827
Chemical short-range order in liquid and amorphous metallic systems, (52 refs.).....30032
Chemical vapor deposition of silicon carbide, (251 refs.).....53100
Chondrite Sm-Nd isotopic evolution, (77 refs.).....13740
CI direct method for multireference expansions, symmetric group approach, (24 refs.).....51140
Circular dichroism spectroscopy and the vacuum ultraviolet region, (63 refs.).....10871
Circumstellar shells, (91 refs.).....36285
Cl-H reaction system, kinetic isotope effects for D and T substitution, (56 refs.).....48659
Close binary stars before and after mass transfer, (50 refs.).....17868
Close-coupling studies of rotationally inelastic HF-HF collisions at hyperthermal energies, (54 refs.).....37301
Cloud electrification, (110 refs.).....13551
CO₂, atmospheric, global warming and coastline flooding, (131 refs.).....40183
CO₂ emission from fossil fuels, atmospheric pollution, (70 refs.).....53706
CO₂ sorption in polycarbonate, (51 refs.).....30566
CO₂ waveguide lasers, (115 refs.).....15151
CO abundance in diffuse interstellar clouds, (60 refs.).....44601
CO high-power electrically-excited lasers, (90 refs.).....10993
Coal, environmental control technology for direct combustion, (67 refs.).....39730
Coehlear fluid mechanics, mathematical theory, (96 refs.).....22041
Coherence in high resolution spectroscopy, (74 refs.).....51568
Coherence properties of light and nonlinear optical process mutual dependence, (202 refs.).....29330
Coherent energy transfer in solids, (81 refs.).....1821
Coherent excitation of multilevel systems by laser light, (97 refs.).....51248
Coherent picosecond interactions, (50 refs.).....51562
Coherent Raman spectroscopy, (174 refs.).....51563

Coherent structure of axisymmetric turbulent mixing layer, (57 refs.)	51743
Cohomology and massless fields, (55 refs.)	32892
Cold forming of polymeric materials, (105 refs.)	39305
Collapse of interstellar clouds, (50 refs.)	40470
Collector and energy storage technology for intermediate temperature applications, (55 refs.)	8746
Colour-magnitude photometry of globular cluster Palomar 12, (77 refs.)	5958
Colours and magnitudes of high redshift galaxies, (53 refs.)	9669
Combined relaxation spectroscopy of polymers, (279 refs.)	38447
Cometary matter, (58 refs.)	32657
Compilation of kinetic parameters for thermal degradation of n-alkane molecules, (126 refs.)	9777
Compilation of old neglected stellar parallaxes, (50 refs.)	40461
Complex and quaternionic analyticity in gauge and chiral theories, (130 refs.)	411
Complex impact craters on Mars and other planets, (66 refs.)	4806
Compositional effects on reheat cracking of low-alloy ferritic steels, (57 refs.)	39438
Compositional variations by X-ray diffraction line profile analysis, (63 refs.)	29985
Compound eyes, optical mechanisms, (50 refs.)	8850
Compressed atomic and molecular liquids and solids, transport properties, molar volume, (113 refs.)	52328
Compressible boundary layers, mean flow data, (376 refs.)	11386
Computer applications in physics and mathematics, (153 refs.)	50
Computer experiments and disordered solids, (290 refs.)	38488
Computer experiments in soliton theory, (137 refs.)	23020
Computer retrieval of spectral data, (193 refs.)	35583
Computerised tomography, rapid execution of fan beam reconstruction algorithms, (64 refs.)	53867
Computers in field ion microscopy, (146 refs.)	7055
Conducting organic polymers: doped polyacetylene, (55 refs.)	52167
Conducting polymers, (55 refs.)	52556
Conductivity probing techniques, (36 refs.)	32553
Contact electrification, (191 refs.)	20853
Continuous picosecond spectroscopy of dyes, (77 refs.)	11000
Control of nuclear power plants, (77 refs.)	45628
Copper electrolyte development, (66 refs.)	35535
Cordilleran suspect terranes, (76 refs.)	22292
Core-level lifetimes as determined by X-ray photoelectron spectroscopy measurements, (88 refs.)	6218
Coronal evolution and solar type I radio bursts, (53 refs.)	44521
Correlation diagrams for rigid and nonrigid three-body systems, (56 refs.)	1204
Correlations between H^+ chemical shift tensors, D quadrupole couplings and bond distances for H bonds in solids, (100 refs.)	3276
Corrosion inhibition and passivation by metallic cations, (74 refs.)	16953
Corrosion products in power generating systems, (179 refs.)	26682
Cortical visual evoked potential on healthy humans, (85 refs.)	17961
Cortical visual evoked potentials in healthy humans, (75 refs.)	31
Cortical visual evoked potentials in healthy humans, 1974-8, (55 refs.)	44736
Cosmic ray exposure ages of chondrites, (76 refs.)	13653
Cosmic ray propagation, (223 refs.)	49460
Cosmic rays 22-year solar modulation, (60 refs.)	9337
Cosmic UV background, (108 refs.)	13887
Cosmological models, (42 refs.)	54679
Cosmology, (265 refs.)	32779
Cosmology and elementary particles, (203 refs.)	40586
Cosmology mathematics, (124 refs.)	54678
Cosmology, relativistic models, (91 refs.)	22936
Coulomb and n-particle problems, (69 refs.)	50582
Coulomb problem for $N \geq 3$ particle systems, (92 refs.)	49972
Coumterion and solvent perturbations to the electronic structure of substituted pyrylium cations: a CNDO/S study, (122 refs.)	10638
Coupled-Hartree-Fock calculations of susceptibilities and shielding constants of first row hydrides and some hydrocarbons, (51 refs.)	33391
CP-invariance problem in quantum chromodynamics, (56 refs.)	36824
Cr-Fe-Ni phase equilibria, (51 refs.)	8274
Cracks, spatial problems in theory, (268 refs.)	33930
Cranked oscillator coherent states, (69 refs.)	5711
Crater mechanics, (111 refs.)	13713
Creep controlling mechanisms in single phase metals and alloys, (69 refs.)	31577
Creep crack growth in alloys at elevated temperatures, (83 refs.)	3879
Creaceous-Tertiary extinction, extraterrestrial cause, (74 refs.)	9157
Critical phenomena of 2-D q-state Potts model, (54 refs.)	40720
Cross-correlation trajectory study of V-V energy transfer in HF-HF and DF-DF, (55 refs.)	14989
Crust and upper mantle structure of Eurasia, (99 refs.)	35956
Crust electrical structure (Carpathian region), (92 refs.)	4422
Crust stress state of USA, (296 refs.)	27105
Crustal movements, (53 refs.)	17554
Crustal platform basins, (59 refs.)	13440
Cryopumping techniques, (83 refs.)	40804
Crystal chemistry of the ternary tungsten oxides, (184 refs.)	52259
Crystal-field analysis of triply ionized lanthanides in $Cs_2NaLnCl_6$, (64 refs.)	30688
Crystal growth and characterization of II_3V_2 compounds, (265 refs.)	53062
Crystal growth and dislocations, (222 refs.)	2377
Crystal growth from aqueous solution, (93 refs.)	38316
Crystal structure of IV-VI compounds, (71 refs.)	2404
Crystallite size and strain values from X-ray diffraction line profiles using Fourier series, (82 refs.)	29962
Cs thermomigration and reaction in nuclear fuels, (68 refs.)	33293
Cu solubility: phase diagram calculations, (54 refs.)	16753
Cyanamide isocyanamide rearrangement, (60 refs.)	10636
D ⁺ production by charge transfer of 0.3-10-keV D ⁺ , D ⁰ , and D ⁻ in cesium-rubidium, and sodium vapour targets, (73 refs.)	19180
Deep inelastic heavy ion collisions, energy dissipation, (94 refs.)	14546
Deformation of polycrystals, (92 refs.)	31578
Deformations around a bond, (57 refs.)	24281
Del'fin high-power laser facility for heating spherical thermonuclear targets, (104 refs.)	6596
Depolarized light scattered spectra of dense rare gas fluids, (66 refs.)	16575
Depreciative colour centre phenomena in lamp phosphors, (60 refs.)	48132
Depth profiling by SIMS, (238 refs.)	376
Derivative spectroscopy, (79 refs.)	31945
Determination of Mossbauer electric field gradient, (94 refs.)	52881
Deuterium in solar system, (76 refs.)	36263
Deuteron in high energy physics, (160 refs.)	28389
Development of electron microscopy and related techniques at Cavendish Laboratory, Cambridge, 1949-79, (70 refs.)	49929
Diatom molecules, spectra, analytical methods, (234 refs.)	21821
Dichromated gelatin holograms and applications, (54 refs.)	6514
Dielectric function of matter, (72 refs.)	38737
Differential reflectometry for corrosion phenomena study, (55 refs.)	14170
Diffusion processes in thin films, (53 refs.)	30486
Digital processing of atomic images [electron microscopy], (68 refs.)	50282
Dipole moment functions of the hydrogen halides, (51 refs.)	37171
Direct reaction analyses of heavy-ion induced reactions leading to discrete states, (86 refs.)	23624
Disclinations, general theory, (79 refs.)	2328
Disk galaxies, (50 refs.)	4976
Dislocation and cracks, (165 refs.)	2461
Dislocation imaging, (141 refs.)	2454
Dislocation interaction type as factor determining work hardening, (106 refs.)	31482
Dislocations, disclinations and magnetism, (153 refs.)	2446
Dislocations in semiconductors, electrical properties, (172 refs.)	2445
Dislocations in superconductors, (154 refs.)	3122
Dislocations, vacancies and interstitials, (328 refs.)	2460
Disordered semiconductors, transport theory, (100 refs.)	2962
Displacive reconstruction phase transitions of clean transition metal and semiconductor surfaces, (63 refs.)	11969
Display devices, (436 refs.)	22962
Dissipative heavy ion reactions, (186 refs.)	50628
Doppler-free multiphoton spectroscopy, (126 refs.)	28069
Dose response curves for effects of low-level radiation, (80 refs.)	40011
Double-mode Cepheids, (68 refs.)	40502
Dry deposition velocity, (133 refs.)	21946
Dwarf spheroidal galaxies, (65 refs.)	32751
Dynamic holography, (66 refs.)	41632
Dynamic light scattering and sedimentation experiments on silica dispersions at finite concentrations, (57 refs.)	43709
Dynamic recovery during hot working model, (77 refs.)	8355
Dynamic scattering function of liquid lead at 623K, (51 refs.)	46989
Dynamic simulation of LMFBR systems, (248 refs.)	41159
Dynamical astronomy, (86 refs.)	32610
Dynamical evolution of clusters of galaxies, (53 refs.)	9696
Dynamics and ergodicity of the infinite harmonic crystal, (117 refs.)	9941
Dynamics and evolution of globular clusters, (50 refs.)	36363
E chondrites and aubrites formation, (80 refs.)	22745
Early Universe cosmology, (84 refs.)	22938
Earth crust fracture mechanics, (135 refs.)	13624
Earth mantle, (90 refs.)	40098
Earth mantle dissipation factor, (69 refs.)	13428
Earth mantle rock deformation, (105 refs.)	13442
Earth rotation, Doppler satellite techniques, (70 refs.)	44091
Earth tides, (47 refs.)	13379
Earthquake, (70 refs.)	54017
ECG T-wave, origin, (126 refs.)	39905
Eclipsing binary stars, (54 refs.)	44445
EEG correlates of higher cortical functions, (245 refs.)	39903
Effects of H-bonding, change of state and molecular distortion on 2H and ^{17}O nuclear quadrupole coupling constant, (68 refs.)	45987
Electrical and structural properties of InAs layers deposited on (100) GaAs substrates by MBE, (48 refs.)	3081
Electrical conduction in polymers, (88 refs.)	20734
Electrical conductivity anomalies in Earth crust and mantle, (61 refs.)	22204
Electrical conductivity of organic metals, (74 refs.)	42759
Electricity/oil substitution, (55 refs.)	26829
Electrochemical methods in crevice corrosion testing, (157 refs.)	31774
Electrochromic displays based on WO_3 , (54 refs.)	26172
Electrocrystallisation of metals, (52 refs.)	38695
Electrode-electrolyte interface props., nonlocal electrostatic approach, (106 refs.)	34769
Electrode process mechanism, (131 refs.)	17061
Electrodeposition of ternary alloys: developments in 1972-1978, (121 refs.)	8247
Electrodynamics of retarded fields and point particles, (59 refs.)	9850
Electrogenic membrane transport in plants, (53 refs.)	21997
Electromagnetic beam propagation in turbulent media, (244 refs.)	19245
Electromagnetic induction in the oceans, (56 refs.)	22323
Electromagnetic methods in applied geophysics, (65 refs.)	22519
Electron beam deflection, (75 refs.)	33616
Electron beam produced inert gas plasma emission and lasing, (56 refs.)	24392
Electron degradation theory, recent developments, (70 refs.)	46848
Electron donor-acceptor complexes, (56 refs.)	14975
Electron microscopy development at Cavendish Laboratory, Cambridge, 1946-79, (62 refs.)	45075
Electron paramagnetic resonance of transition-metal lanthanide and actinide ions in solids, 1976 review, (291 refs.)	26031
Electron paramagnetic resonance of transition-metal, lanthanide and actinide ions in solids, 1977 review, (364 refs.)	43002
Electron-phonon interaction in n-Si, (107 refs.)	42493
Electron-positron annihilation, (56 refs.)	10237
Electron-positron results from DESY, (125 refs.)	14408
Electron-positron systems, rotating fields and particle-like states, (80 refs.)	46172
Electron scattering by atomic hydrogen: the distorted-wave second Born approximation, (55 refs.)	24251
Electron scattering by nuclei, (426 refs.)	28468
Electronic excitation relaxation in biology, (61 refs.)	35747
Electronic stopping of heavy ions in metals, (68 refs.)	3560
Electronic structure of amorphous semiconductors, (58 refs.)	30615
Electronic structure of binuclear metal carbonyl complexes, (65 refs.)	41306
Electronic structure of Fe^{2+} in reaction centres, (51 refs.)	26877
Electronic structure of liquid and amorphous metals, (48 refs.)	25619
Electronic structure of semiconductor surfaces, interfaces and defects, (244 refs.)	30802
Electronic structure of small nickel atom clusters, (67 refs.)	24305
Electronic structure of uranium monochalcogenides and uranium mononitrides, (67 refs.)	30629
Electrons suspended above cryogenic dielectrics, (78 refs.)	20509
Electrooptic and nonlinear optical properties of oxygen-octahedral ferroelectrics, (61 refs.)	52900
Elementary plasma reactions of environmental interest, (219 refs.)	36092

Elementary processes and X-ray spectra of multiply charged ions in dense high-temperature plasmas, (138 refs.)	2246	Galactic globular cluster system, (87 refs.)	22844
Elephant-trunk globules in Rosette nebula, (54 refs.)	9610	Galactic magnetic field, (54 refs.)	49797
Elevated temperature creep, (105 refs.)	12804	Galactic nucleus shock wave molecule formation, (76 refs.)	54632
Ellipsometric techniques to study surfaces and thin films, (233 refs.)	33038	Galactic plane density function, (56 refs.)	54389
Elliptical galaxies, (79 refs.)	49786	Galaxies redshifts and Hubble constant, (35 refs.)	13854
Emission computed tomography, (116 refs.)	27694	Galaxies with spectra of giant H II regions, (73 refs.)	13845
Emission line profiles of compact chromospheric formations, (58 refs.)	13755	Galaxy clusters, (57 refs.)	54644
Emission tomography of the heart, (84 refs.)	32241	Galaxy distances, (66 refs.)	54621
Energy from biomass—solar energy through biology, (52 refs.)	39834	Galaxy evolution in dense clusters, (52 refs.)	44627
Energy levels in the configurations of F I-, O I- and Be I-like spectra, (52 refs.)	37089	Galaxy nuclei photoionisation models, (74 refs.)	40561
Energy resources for Asia and the Pacific region, (109 refs.)	39705	Galaxy superclusters: structure and formation, (61 refs.)	13867
Energy technologies, environmental and ecological impact, (64 refs.)	32059	Gamma activation of nuclear isomers and its applications, (116 refs.)	43720
Environmental influence in fatigue crack growth in threshold region, (62 refs.)	26578	Gamma-ray reference lines, remeasurement, (103 refs.)	36920
Epitaxial growth, deposition condition effects, (42 refs.)	38681	Garnets, (151 refs.)	30916
Equilibrium of galactic bar, (52 refs.)	9651	Gas chromatography-mass spectrometry combinations, (86 refs.)	373
ESR and ENDOR of irradiated solids of biological significance, (224 refs.)	26949	Gas-phase electron diffraction of tetramethylurea and tetramethylthiourea, (50 refs.)	51293
ESR of free radicals in liquid solution, (254 refs.)	43013	Gas phase electron diffraction study of tetraphenyltin, $\text{Sn}(\text{C}_6\text{H}_5)_4$, (61 refs.)	51294
ESR spectra of matrix isolated potassium atom clusters, (74 refs.)	51331	Gas surface diffraction experiments, (140 refs.)	31264
Evaluation of strength of materials by acoustic emission, (66 refs.)	26695	Gasdynamical laser developments, (50 refs.)	37455
Evaluation of strength of materials by acoustic emission, (102 refs.)	35461	Gasdynamical laser spectral region extension and efficiency increase, (94 refs.)	41669
Evaporation mechanisms of liquids, (374 refs.)	38525	Gasdynamical lasers, (43 refs.)	24388
Evolution of Earth, (70 refs.)	44193	Gaseous nebulae spectra, (68 refs.)	44619
Evolution of supernova remnants, (56 refs.)	44609	Gauge-invariant coupled gravitational, acoustical, and electromagnetic modes on most general spherical space-times, (53 refs.)	5192
EXAFS, a tool for structure determination, (56 refs.)	28147	Gauge symmetries, (89 refs.)	10091
Exchange currents in nuclei, (100 refs.)	50512	General atmospheric circulation, (62 refs.)	54178
Excimer lasers, (225 refs.)	10994	Generalised theory of thermoviscous fluid, (52 refs.)	34497
Excitation of atomic positive ions by electron impact, (359 refs.)	41497	Generalized-disorder collective-boson mode-softening universality principle, (52 refs.)	163
Exospheric temperature, (51 refs.)	4671	Geoaoustic modelling of sea floor, (97 refs.)	15307
Exotic atoms, (182 refs.)	46176	Geodetic levelling, (61 refs.)	13617
Experimental and predicted stability of diatomic metals and metallic clusters, (104 refs.)	46153	Geoelectric sounding, (405 refs.)	5038
Experimental determination of the lowest excited Xe_2 molecular states from VUV absorption spectra, (59 refs.)	45978	Geography and remote sensing research in the USA, (151 refs.)	35987
Experimental techniques for liquid metal cooled fast breeder reactor fuel assembly thermal/hydraulic tests, (75 refs.)	23733	Geology of the Shoo Fly formation, California, (80 refs.)	9132
Experimental tests of the general theory of relativity, (49 refs.)	18142	Geomagnetic dynamo, (54 refs.)	13389
Experimental thermochemistry of alloys, (78 refs.)	43696	Geophysical case study of Woodlawn orebody, (80 refs.)	44729
Extragalactic nonthermal sources, (219 refs.)	9697	Glass based waveguide structures for integrated optics, (114 refs.)	46596
Extragalactic radio sources, (93 refs.)	22911	Glass coating by CVD, (67 refs.)	53101
Extratropical cyclone energetics, (69 refs.)	13552	Glass structure investigations, (57 refs.)	11691
Extrusion presses for metal processing, (87 refs.)	35198	Glasses from metal alcoholates, (62 refs.)	31408
Eye movement control mechanisms, (54 refs.)	26901	Glassy metal preparation, (128 refs.)	39279
Fabry-Perot spectrometry, (125 refs.)	4648	Glauber and eikonal approximation applications to atomic collisions, (205 refs.)	33565
Fallout radionuclides in Pacific Ocean, (56 refs.)	9180	Global proteins, solvent effects and polar interactions, (56 refs.)	8806
Far-field holography advances, (54 refs.)	15123	Gravitation, gauge theories and differential geometry, (167 refs.)	23073
Far-infrared lasers pumped with tunable narrow band CO_2 -TEA lasers, (57 refs.)	6572	Gravitation theory, experimental verification, (256 refs.)	18143
Far ultraviolet background, (61 refs.)	9738	Gravitational collapse to the black hole state, (117 refs.)	18116
Fast electron inelastic scattering from molecules, (60 refs.)	15021	Gravitational field theory and new notions about space and time, (61 refs.)	36557
Fast neutrons, monoenergetic, international flux density measurement comparison, (52 refs.)	50096	Gravitational red shift as general relativity test, (118 refs.)	32827
Fatigue crack growth in polymers, (52 refs.)	31589	Gravitational wave detection, (63 refs.)	18141
Fatigue crack propagation behaviour in Inconel X-750, (54 refs.)	48469	Gravity in flat space-time, field theoretic approach, (133 refs.)	5217
Fatigue cracks development in polymers, (52 refs.)	35370	Growth and characterisation of KDP family single crystals, (101 refs.)	39230
Fatigue in polymers, (119 refs.)	31588	Growth and properties of monocrystals for miniature lasers, (65 refs.)	43255
FBR commercialisation, West German programme, (86 refs.)	50917	Growth mechanism of garnet single crystals in high temperature solutions, (51 refs.)	21336
Fe_3O_4 structure at low temperature, (57 refs.)	11734	Growth of binary III-V semiconductors from metallic solutions, (149 refs.)	16675
Fe anodic dissolution mechanism from impedance obs, (52 refs.)	8576	H_2 adsorption and absorption by metals, (118 refs.)	47389
Fennoscandian shield, (56 refs.)	9082	H_2 diffusion overpotential in Pd-based alloys, (56 refs.)	39647
Ferrites for microwave applications, (84 refs.)	30919	H_2CO and HCO^+ in interstellar molecular clouds, (85 refs.)	9618
Ferrites for non-microwave applications, (156 refs.)	30918	$\text{H}^+(\text{P}) + \text{H}_2$ reactive and nonreactive scattering at relative energies below 3.6 eV, (70 refs.)	12985
Ferritin: molecular structure and iron-storage mechanisms, (195 refs.)	39883	H I region spectrum, (55 refs.)	32740
Ferroelectrics, January-July 1979, (578 refs.)	17963	H II region radio emission, (68 refs.)	13828
Ferromagnetic liquids, (135 refs.)	30969	H II regions in external galaxies, (76 refs.)	22863
Few-body processes in atom-diatom collisions, (133 refs.)	51271	H-R diagram for early-type stars, (95 refs.)	4905
Field emission techniques and their application, (149 refs.)	46963	Hadron spectroscopy and particle systematics, (68 refs.)	10183
Filler desorption test, (50 refs.)	47333	Hadronic interactions of high energy cosmic-ray observed by emulsion chambers, (51 refs.)	14437
Finite element method for large elastic-plastic strain problem, (128 refs.)	1838	Haemorrheology of turbulence, (114 refs.)	53797
Fission potential energy surfaces, (54 refs.)	50673	Hall effect, (50 refs.)	34692
Fission reactor safety, metal/water explosion phenomena, (130 refs.)	10505	Hall effect in amorphous metals, (199 refs.)	34689
Fission reactor safety, vapour explosion phenomena, (141 refs.)	14674	Hall effect in crystalline metals and alloys, (99 refs.)	32828
Fission yield measurements, (50 refs.)	50785	Hall effect in liquid metals, (70 refs.)	34691
Flow cytometers for cell biology, (110 refs.)	27030	Hall effect in polycrystalline and powdered semiconductors, (107 refs.)	30768
Fluctuating collective conductivity and single-particle conductivity in 1-D organic conductors, (55 refs.)	42760	Harmonic vibrational frequencies calculations for NH_4^+ , HCN, H_2CO , H_2O and CH_4 , (62 refs.)	1063
Fluid inclusions, (93 refs.)	13623	Hartree-Fock-Slate-CAO studies of the acetylene-transition metal interaction. III. Binding to mono- and dinuclear Ni complexes with carbonyl and isocyanide ligands, (62 refs.)	37097
Fluid mechanics role in atherogenesis, (63 refs.)	22043	Hartree-Fock studies on cis- and trans-polyacetylenes, (57 refs.)	10637
Focus on polar research, (113 refs.)	27167	Hartree-Fock values of some atomic integrals useful in simplified LCAO-MO calculations for molecules. I. Atoms B, C, N, O, F, (11 refs.)	13940
Formation enthalpy of Schottky defects and anti-Frenkel defects, (262 refs.)	20192	$\text{He}^+ + \text{H}_2$, excited potential energy surfaces and reaction cross section, (59 refs.)	39608
Formation of galactic halos by tidal encounters, (68 refs.)	44628	Hearing in Glires, (79 refs.)	32137
Formation of star clusters, (102 refs.)	36354	Heat and mass transfer, (335 refs.)	32814
Fossil fuel resources and their impacts on environment and climate, (64 refs.)	43748	Heat capacities of liquid Au-Sn alloys, (82 refs.)	7346
Foundations of radiation theory and quantum electrodynamics, (339 refs.)	13946	Heat pumps, high temperature, thermodynamic design, (64 refs.)	13152
Fourth order diamagnetic MB-RSPT calculations for molecular correlation energies, (59 refs.)	41297	Heat transfer, (565 refs.)	32
Fracture front in brittle solids, limit velocity, (92 refs.)	24749	Heat transfer, (587 refs.)	33956
Fracture, scale effects, (134 refs.)	26582	Heat transfer, Japanese works, (215 refs.)	17964
Fragmentation in heavy ion reactions and scattering, (84 refs.)	50631	Heavily doped semiconductor impurity states, (150 refs.)	12069
Fuel-cladding chemical interaction in U-Pu oxide fast reactor fuel pins, (119 refs.)	35422	Heavy-ion collision theory, (63 refs.)	50626
Fusion and fission of heavy nuclei, (153 refs.)	50629	Heavy ion fusion; complete and incomplete, (126 refs.)	50627
Fusion applications of intense pulsed ion beams, (278 refs.)	33348	Heavy-ion fusion models, (68 refs.)	50698
Fusion neutron interactions, (173 refs.)	50602	Heavy-ion reactions, (58 refs.)	50632
GaAs deep centres studied by capacitance spectroscopy, (78 refs.)	25661	Heavy ion reactions at 10 MeV/nucleon, (105 refs.)	50612
GaAs: ion doping, (95 refs.)	25313	Heterochromatic photometry, MDB technique and related topics, (60 refs.)	44737
GaAs preparation methods, (492 refs.)	39241	Heterodyne holographic interferometry, (70 refs.)	27929
GaAs: radiation defects, (92 refs.)	25319	Heterogeneous core designs for liquid metal fast breeder reactors, (62 refs.)	14586
GaAs semi-insulating materials, key parameters, characterization, (63 refs.)	38742	Heterojunction lasers, (76 refs.)	1570
GaAs surfaces: structure, electron states and electrophysical properties, (101 refs.)	38742	Hierarchical order of the solid state, (71 refs.)	30223

High average power second harmonic generation, (230 refs.).....	11049
High-energy e^-e^- experiments at PETRA, (20 refs.).....	45326
High-energy electron beam generation with large cross-section, (50 refs.).....	36769
High-energy laser optics, (46 refs.).....	46393
High energy particle interactions with nuclei, (187 refs.).....	36948
High-energy X-ray observations of extragalactic objects, (50 refs.).....	54661
High modulus/high strength organic fibers, (171 refs.).....	39306
High p_T hadronic interactions and jets, (54 refs.).....	10280
High resolution electron microscopy of crystal defects and surfaces, (98 refs.).....	10051
High resolution metal coating of biopolymers, (51 refs.).....	17541
High resolution NMR studies of the structure and dynamics of tRNA in solution, (77 refs.).....	13209
High-resolution solid state NMR, (119 refs.).....	12416
High temperature ceramics for Ni applications, (249 refs.).....	8205
High-temperature oxidation of Ni-20Cr-3Si:Ce, (50 refs.).....	26681
Hill shading and reflectance map, (155 refs.).....	35930
Holographic displays 1975-1980, (60 refs.).....	6519
Holographic recording materials, (141 refs.).....	6513
Hopping transport coefficients calculation, (70 refs.).....	47652
Hugoniot elastic limits and compression parameters for brittle materials, (69 refs.).....	38463
HV electron microscopy advantages and disadvantages, (68 refs.).....	40906
Hydraulic characteristics of wire-wrapped rod bundles, (59 refs.).....	23734
Hydrides of intermetallic compounds, (126 refs.).....	53450
Hydrodynamics of rising bubble, (59 refs.).....	51847
Hydrogen discharge behaviour of carbon steels, (55 refs.).....	26519
Hydrogen embrittlement of metals, electrochemistry, (142 refs.).....	43477
Hydrogen in amorphous semiconductors, (209 refs.).....	52067
Hydrogen safety standards and regulations, (79 refs.).....	13951
Hydrostatic models of interstellar molecular clouds, (88 refs.).....	27580
Hypergalaxies, (40 refs.).....	9675
Hyperthermia and radiation treatment of experimental tumour, (72 refs.).....	39966
Hyperthermia effect on vascular function pH and cell survival, (51 refs.).....	53760
Ice clouds, (53 refs.).....	4608
Ices, ordered and disordered, electric fields, lattice energy and dipole vectors calculations, (76 refs.).....	25193
ICF targets for charged particle beam fusion driver, (51 refs.).....	45728
Igneous rock, (102 refs.).....	13458
III-V semiconductor FETs, (82 refs.).....	16374
III-V semiconductor surface unified defect model, (53 refs.).....	16331
Image quality and visual perception, (135 refs.).....	8874
Impurity band structure in lightly doped semiconductors, (48 refs.).....	20658
In situ deformation experiments in the HVEM, (111 refs.).....	31579
Inclusions in solids, interaction with stresses, (65 refs.).....	11917
Inelastic electron tunneling spectroscopy: a probe of the vibrational structure of surface species, (82 refs.).....	10796
Inelastic muon nucleon scattering, (107 refs.).....	18488
Information theory approach to molecular reaction dynamics, (290 refs.).....	10799
Infrared absorption by multiphonon processes in solids, (60 refs.).....	39102
Infrared radiation of vibrationally excited CO and CO ₂ , (51 refs.).....	37210
Infrared radiation transfer in molecular gases, (95 refs.).....	24917
Injection heterojunction laser use in fibre-optic communication systems, (139 refs.).....	51637
Inorganic crystal phosphor luminescence investigation, (47 refs.).....	8122
Inorganic irregularities, (292 refs.).....	13641
InSb/GaSb, diffusion enhancement due to ion bombardment, (56 refs.).....	3621
Instabilities and secondary flows in planetary boundary layer, (94 refs.).....	36041
Instrumentation at temperatures below 1K, (175 refs.).....	36667
Integral theory of electron and ion transport in a weakly ionised gas in a field, (88 refs.).....	11520
Integrated optical devices fabricated by MBE, (59 refs.).....	1741
Integrated optics, limits, (59 refs.).....	41891
Interacting boson approximation, experimental tests, (86 refs.).....	612
Interaction between excited and ground state inert gas homonuclear excimers with spin-orbit coupling, (50 refs.).....	6140
Interaction of magnetic ions with phonons, (161 refs.).....	42958
Interfacial space charge and capacitance in ionic crystals: intrinsic conductors, (50 refs.).....	39035
Interfacial tension and adsorption of metallic systems, (230 refs.).....	7432
Intermediate age globular clusters in Magellanic Clouds, (71 refs.).....	9586
Intermediate valence compounds, (202 refs.).....	30685
Internal bremsstrahlung with beta decay, (112 refs.).....	670
Interplanetary dust, (75 refs.).....	44492
Interpretation of the unusual behavior of H ₂ O and D ₂ O at low temperatures: tests of a percolation model, (99 refs.).....	7065
Interstellar abundances, (64 refs.).....	32733
Interstellar cloud photochemistry, (76 refs.).....	54581
Interstellar cyanogen, (52 refs.).....	22852
Interstellar gas at large distances from galactic plane, (70 refs.).....	54575
Interstellar medium enrichment, (66 refs.).....	54599
Interstellar molecular complexes, (64 refs.).....	22856
Interstitial atom configuration study in Fe-C martensite, (52 refs.).....	31069
Intrinsic point defects in tantalum after plastic deformation at liquid He temperatures, (50 refs.).....	31543
Inverse optical problems, (116 refs.).....	51361
Inverse scattering problem in structural determinations, (80 refs.).....	51376
to plasma torus, (141 refs.).....	49563
to the volcanoes, plasma torus and Jupiter's magnetosphere, (56 refs.).....	49562
Iodine and tropospheric photochemistry, (59 refs.).....	40171
Ion acceleration in direct high-current electron beams, (78 refs.).....	974
Ion accelerators in fusion research, (85 refs.).....	18877
Ion optics including extraction from plasma, (148 refs.).....	10905
Ionic component in sputtering of metals, (168 refs.).....	53035
Ionosphere-magnetosphere coupling, (137 refs.).....	54314
IR filters for space probes, (55 refs.).....	40350
IR studies of deformation in semicrystalline polymers, (57 refs.).....	35328
Irradiating growth in zirconium alloys, (67 refs.).....	50779
Irreversible effects of intensive radiation, (58 refs.).....	42422
Ising-Heisenberg linear ferromagnet excitation spectrum, (59 refs.).....	3196
Isotropical gamma to alpha transition in Ce, (84 refs.).....	24682
Isotopic C ₆₀ and C ₇₀ interaction coefficients for CH ₄ , C ₂ H ₆ , C ₃ H ₈ , n-C ₄ H ₁₀ and cyclo-C ₅ H ₈ , (54 refs.).....	29073
Jet, controlled sinusoidal perturbation, (63 refs.).....	2049
Jet flow sound absorption, (49 refs.).....	2047
Jets and quantum chromodynamics, (53 refs.).....	14356
Josephson tunnelling devices reliability, (45 refs.).....	47818
K-shell ionisation cross-sections for use in microanalysis, (52 refs.).....	31946
Kapitza thermal resistance, (50 refs.).....	34564
Kinetic processes on metal single-crystal surfaces, (166 refs.).....	13039
Kinetic theory of charged particle swarms in neutral gases, (158 refs.).....	15565
Kinetics of dissociation processes in plasmas in the low and intermediate pressure range, (71 refs.).....	34041
Kleinmann-Low nebula, (69 refs.).....	4963
Kramers-Kronig analysis of optical data, self-consistency and sum-rule tests, (110 refs.).....	8034
Lanthanide chloride Schottky anomalies, (60 refs.).....	16053
Lanthanide oxides, structural anisotropy, physical and mechanical properties, (182 refs.).....	7152
Large Magellanic Cloud C stars, (72 refs.).....	54611
Laser and electron beam annealing, (149 refs.).....	48199
Laser annealing of ion-implanted semiconductors, (49 refs.).....	52157
Laser annealing of semiconductors, (65 refs.).....	30258
Laser applications, (69 refs.).....	41713
Laser Doppler spectroscopy: applications to cell and particle electrophoresis, (130 refs.).....	50225
Laser fluorescence study of ytterbium plus halomethane reactions, (63 refs.).....	12987
Laser-induced chemical reactions and isotope separation, (254 refs.).....	13029
Laser magnetic resonance spectroscopy of the ⁴ He singlet state electrostatic fine structure, (53 refs.).....	1181
Laser multiphoton and multiplet photoionization of molecules and mass spectrometry, (71 refs.).....	46034
Laser-produced plasma, absorption, backscatter and flux limitation, (63 refs.).....	29853
Laser spectroscopy for probing nuclear structure off stability, (50 refs.).....	10315
Laser spectroscopy of defect chemistry in CaF ₂ :Er ³⁺ , (56 refs.).....	43142
Laser spectroscopy of the O ₂ ⁺ molecular ion using a fast ion beam: fine structure and predissociation lifetimes in the b ⁴ Σ _g ⁺ state, (53 refs.).....	1297
Lasers for fusion, (289 refs.).....	11020
Late Quaternary history of River Nile, (66 refs.).....	17628
Late-type stellar atmospheres and winds, (70 refs.).....	44540
Lattice parameter measurement accuracy, (152 refs.).....	29987
Laue diffraction in elastically bent crystals, (69 refs.).....	46952
LCAO cluster theory for hydrogen chemisorption on metal surfaces, (95 refs.).....	2810
LCAO SCF method for three-dimensional solids and its application to polyethylene, graphite, diamond and BN, (55 refs.).....	47434
Lead-acid batteries for electric road vehicles, (105 refs.).....	8700
Librational modes of crystal water in hydrated solids, (265 refs.).....	34429
Life existence in extreme conditions, (64 refs.).....	8824
Life from orderly cosmos, (64 refs.).....	49178
Life in biosphere, (57 refs.).....	48940
Light-emitting diodes, (136 refs.).....	26278
Light energy transduction in visual pigments and bacteriorhodopsin, (186 refs.).....	13215
Line shapes in laser experiments, (60 refs.).....	45903
Line shapes in laser spectroscopy, (57 refs.).....	36743
Liquid crystal materials for display devices, (66 refs.).....	38280
Liquid crystals, (91 refs.).....	38271
Liquid crystals, 1978, (695 refs.).....	34
Liquid crystals, nonlinear optics, (130 refs.).....	33750
Liquid metal embrittlement of nuclear materials, (152 refs.).....	3968
Liquid Se, structural and electronic transformations, (76 refs.).....	12413
LMFBR instruments and instrumentation systems in Japan, (89 refs.).....	45631
Localised gain region laser, classification and characteristics, (77 refs.).....	6558
Localised states of interfaces and their physical models, (93 refs.).....	30801
Long-range weather forecasting, (60 refs.).....	22466
Low dimensional solids - basic concepts, (103 refs.).....	42757
Low pressure plasma applications in materials science, (271 refs.).....	7012
Low temperature fluorescence studies of the deactivation of the bend-stretch manifold of CO ₂ , (74 refs.).....	10705
LPE of semiconductor, (216 refs.).....	48285
Luminescence of ionic crystals with self-trapping excitons, holes, and electrons, (60 refs.).....	12547
Luminescent charge transfer reactions in the N ⁺ +CO system, (57 refs.).....	53406
Luna 24 ferrobasalt as low-Mg primary melt, (55 refs.).....	49545
Lunar surface morphology and stratigraphy, (121 refs.).....	4786
Luni-solar satellite perturbations, (52 refs.).....	22661
LWR pipe and pressure vessels, assurance of integrity, (194 refs.).....	866
Lyman-alpha observations in vicinity of Saturn, (50 refs.).....	44483
M83 stellar population, (105 refs.).....	54610
M-type supergiant stars: occultation of 119 Tauri, (52 refs.).....	49635
Magnetic bubbles, amorphous films, (44 refs.).....	30999
Magnetic bubbles, crystalline films, (54 refs.).....	30998
Magnetic excitations in ferromagnets and structural disorder, (51 refs.).....	12277
Magnetic fields in giant interstellar cloud complexes, (67 refs.).....	54578
Magnetic ordering in cerium and uranium mononitrides, (53 refs.).....	47876
Magnetic properties of amorphous metallic alloys related to their atomic-scale structure, (56 refs.).....	25901
Magnetic properties of anomalous rare earth systems under pressure, (50 refs.).....	30898
Magnetic superconductors, (77 refs.).....	20909
Magnetically accelerated stellar winds, (50 refs.).....	49603
Magneto-elastic materials and applications, (67 refs.).....	31008
Magnetospheric and magnetic substorms, (112 refs.).....	4705
Magnetotelluric soundings of Earth crust and mantle, (49 refs.).....	22205
Many-electron effects in and operator forms for electron quadrupole transition probabilities, (68 refs.).....	24082
Marangoni instability at spherical interfaces, (51 refs.).....	21771
Marine sediment analysis methods, (122 refs.).....	13398
Mars moons, (88 refs.).....	13720
Martensite transformations, (75 refs.).....	3736
Maximal hypersurfaces and foliations of constant mean curvature in general relativity, (75 refs.).....	23072
MBE of semiconductors, (133 refs.).....	48266
MBE techniques for IV-VI optoelectronic devices, (127 refs.).....	3627
Mean charged multiplicities in high energy hadron-nucleus collisions, (53 refs.).....	10264
Mechanical properties of composites, (72 refs.).....	39451
Mechanics of discontinuous faults, (65 refs.).....	13404
Medical diagnosis by nuclear magnetism, (75 refs.).....	35850

Medical engineering in ophthalmology—optoelectronics and lasers, (51 refs.)...	39983	NMR study of the 3d ferromagnetic metals: critical region and paramagnetic phase, (76 refs.)...	26067
Medical equipment reliability, (56 refs.)...	22963	NO ⁺ in aurora, (78 refs.)...	4675
Melt growth of rare-earth binary and complex halides, (109 refs.)...	39233	Non-crystalline semiconductors, states in gap, (224 refs.)...	16221
Metabolism and biological effects of α -emitting radioisotopes, (54 refs.)...	53833	Non-linear optical properties of condensed matter, (338 refs.)...	21153
Metal fatigue, (95 refs.)...	31661	Non-mesonic few-nucleon phenomena, (75 refs.)...	50524
Metal forming mechanics, (101 refs.)...	31581	Non-stoichiometric crystals containing planar defects, (176 refs.)...	47098
Metal hydride formation and surface effects, (77 refs.)...	2805	Nonequilibrium Percus-Yevick theory, (61 refs.)...	42277
Metal-insulator transitions in amorphous semiconductors, (56 refs.)...	47480	Nonleptonic effective weak Hamiltonian and QCD corrections, (50 refs.)...	40962
Metal-semiconductor interfaces, (108 refs.)...	38850	Nonlinear field models and differential geometry, (70 refs.)...	10062
Metal van der Waals dimers, matrix isolation spectra, (75 refs.)...	33485	Nonlinear interaction of high frequency electromagnetic field with a plasma, (143 refs.)...	2196
Metallic glass formation, (93 refs.)...	30360	Nonlinear optical systems with instability, (54 refs.)...	33746
Metalliferous mineralisation, (50 refs.)...	32401	Nonlinear plasma dynamics at high intensity laser interaction, (54 refs.)...	34172
Metals, nonlinear effects under anomalous skin conditions, (60 refs.)...	7652	Nonlinear processes in high-power Nd laser optical medium, (81 refs.)...	1656
Meteorite particles in atmosphere, (61 refs.)...	22409	Nonlinear spectroscopy, (165 refs.)...	10718
Meteorite cosmic ray tracks, (49 refs.)...	36232	Nonselective attenuation of light in atomic-absorption and atomic-fluorescence analysis (review), (101 refs.)...	4136
Meteorite gas origin, (94 refs.)...	40439	Novac, (76 refs.)...	9520
Meteorites, internal gas origin, (116 refs.)...	36231	Nuclear accident dosimeters, (102 refs.)...	5974
Meteorites, isotopic anomalies, (171 refs.)...	32668	Nuclear collective motion theory, (62 refs.)...	6005
Methylcyclohexane glass supercooled liquid, polariscopic and kinetic evidence, (55 refs.)...	38250	Nuclear collective motions in the boson expansion theory, (70 refs.)...	617
Mica polytypism; crystal growth aspect, (199 refs.)...	38321	Nuclear compressibilities, (93 refs.)...	656
Micelle structure: a surfactant-block model, (68 refs.)...	39688	Nuclear data sheets recent references January-April 1980, (457 refs.)...	32809
Michelson interferometer performance, (57 refs.)...	5367	Nuclear decay mode of heavy nuclei, (51 refs.)...	23611
Michelson stellar interferometry, (60 refs.)...	32624	Nuclear fission barrier, double-humped, (344 refs.)...	28462
Microanalysis in the transmission electron microscope, (61 refs.)...	15759	Nuclear fuel cycle computational analysis, (61 refs.)...	14689
Microcalorimetry of biological systems, (282 refs.)...	13371	Nuclear Fusion, chemical aspects, (55 refs.)...	28694
Microcirculatory haemodynamics and theology, (59 refs.)...	39955	Nuclear fusion research, (67 refs.)...	23852
Microdomain structure and some related properties of block copolymers. II. Plastic deformation mechanisms of the glassy component in rubber-toughened plastics, (51 refs.)...	34253	Nuclear giant multipole resonances in light deformed nuclei, (70 refs.)...	28438
Microfiche edition of CSI, (64 refs.)...	49538	Nuclear ion microprobe analysis, (63 refs.)...	21827
Micromechanisms of fracture and elevated temperature fracture mechanics, (129 refs.)...	31663	Nuclear isoscalar giant resonances, (67 refs.)...	28439
Microscopic equipment, methods, applications and related topics, (608 refs.)...	13952	Nuclear materials safeguarding measurements, (75 refs.)...	18761
Microscopic equipment, methods, applications and related topics, (186 refs.)...	36471	Nuclear multipole resonances, (62 refs.)...	28437
Microscopic models of photodetection, (102 refs.)...	51434	Nuclear potential energy surface calculation, (126 refs.)...	50492
Microwave background cosmological anisotropy, (71 refs.)...	54667	Nuclear reaction theory, master equations, (60 refs.)...	23612
Microwave spectra of molecules of astrophysical interest. XIX. Methyl cyanide, (67 refs.)...	13836	Nuclear statistical spectroscopy, (59 refs.)...	10352
Microwave spectrometer, pulsed Fourier transform, (56 refs.)...	50183	Nucleation and precipitation on dislocations, (64 refs.)...	3750
MK spectral classification of stellar spectrograms, (50 refs.)...	49633	Nucleation in solids: the induction and steady state effects, (334 refs.)...	15822
Mo alloys and compounds, crystal structure and density data, (961 refs.)...	23	Nuclei at high spins, (53 refs.)...	45403
Mo binary systems, phase diagrams, (275 refs.)...	22	Nuclear-nucleus charge exchange reactions, (177 refs.)...	23653
Mo, compounds and alloys, thermochemical properties, (320 refs.)...	21	Numerical data activities for strength of metallic materials, (113 refs.)...	43485
Mo, diffusion data, (128 refs.)...	25	O ₂ destruction at Earth surface, (54 refs.)...	22465
Mo halides and chalcogenides, crystal structure and density data, (514 refs.)...	24	O-type stars, (136 refs.)...	9389
Model atmospheres for hot high gravity stars, (74 refs.)...	9490	Observation limits of transmission electron microscopy, (111 refs.)...	45076
Model for the rate-controlling mechanism in superplasticity, (62 refs.)...	21516	Ocean optics, (135 refs.)...	22356
Molecular beam epitaxy, (410 refs.)...	28	Ocean surface dynamics remote sensing, (71 refs.)...	13488
Molecular beam epitaxy of III-V compounds, (252 refs.)...	21354	Ocean turbulence modelling, upper layers, (140 refs.)...	9163
Molecular clouds, (85 refs.)...	54593	Oceanic intraplate earthquake and tectonic stress, (107 refs.)...	22253
Molecular clouds associated with young stars, (58 refs.)...	40541	Oceanic thermohaline fine structure, (314 refs.)...	5039
Molecular electronic structure, quantum theory, (388 refs.)...	10658	Oceanus Procellarum basalts, stratigraphy, (88 refs.)...	27404
Molecular geometries and charge distributions for H ₂ SiO ₄ and H ₂ Si ₂ O ₇ , (90 refs.)...	41316	Odd N sources in stratosphere and mesosphere, (80 refs.)...	44253
Molecular orbital model of atomic collisions, (76 refs.)...	14810	Oil spill effects, (62 refs.)...	35721
Molecular orientational correlations and local order in n-alkane liquids, (62 refs.)...	52040	One-dimensional organic conductors, disorder effects, (59 refs.)...	16279
Molecular structure calculations for solid state polymers, (70 refs.)...	52082	One dimensional organic highly conducting systems, (155 refs.)...	20714
Molecular vibration studies of quasi-one-dimensional organic charge-transfer compounds, (79 refs.)...	42481	Open cycle MHD generator materials, (79 refs.)...	7011
Molecular vibrational spectra of group IB trimers, (61 refs.)...	51112	Optical and ESR spectroscopy of deep defects in III-V semiconductors, (120 refs.)...	30676
Molten salts data as reference standards for density, surface tension, viscosity and electrical conductance: KNO ₃ and NaCl, (201 refs.)...	50103	Optical and IR spectrophotometry of QSOs, (65 refs.)...	54650
Monsoons in India, numerical models, (62 refs.)...	49369	Optical communication devices, (57 refs.)...	24527
Monte Carlo calculations on electron multiple scattering in amorphous or polycrystalline targets, (51 refs.)...	42267	Optical digital computing concepts, (50 refs.)...	15083
Morphic effects in lattice dynamics, (443 refs.)...	38482	Optical feedback and bistability, (79 refs.)...	1619
Mossbauer spectroscopy of metals and alloys, (50 refs.)...	21094	Optical fibre preparation techniques, (50 refs.)...	1730
Mossbauer studies of iron sulphide minerals, (58 refs.)...	52880	Optical fibres characteristics measurement, (62 refs.)...	19464
Motion of natural planetary satellites, (60 refs.)...	44422	Optical heating in semiconductors: laser damage in Ge, Si, InSb, and GaAs, (98 refs.)...	15925
Multibaryon interactions at relativistic energies [nuclear physics], (59 refs.)...	14545	Optical microscopy imaging techniques, (122 refs.)...	18291
Multicomponent phase equilibria, computer calculations, (60 refs.)...	42514	Optical-optical double-resonance spectroscopy of BaO. The low-lying states, (55 refs.)...	1262
Multiconfiguration relativistic Hartree-Fock-Roothaan theory for atomic systems, (55 refs.)...	19024	Optical phase conjugation wavefront generation and application, (51 refs.)...	37550
Multioscillator laser gyros, (48 refs.)...	1614	Optical radiation, nonresonant interaction with liquid, (129 refs.)...	8040
Multiphoton resonant processes in atoms, (80 refs.)...	51178	Optical sources for fiber transmission systems, (60 refs.)...	11167
Multiple images and image processing in STEM, (50 refs.)...	18338	Optical wave phase fluctuations, (109 refs.)...	37410
Muonic Coulomb capture rates and X-ray cascades in oxides, (62 refs.)...	46175	Optically induced diffraction gratings in semiconductors, (81 refs.)...	11041
N-methylacetamide complexes of alkali and alkaline earth metals, (65 refs.)...	52126	Optics, adaptive stretching and rezoning for two-level paraxial Maxwell-Bloch simulation, (67 refs.)...	15213
N,N-dimethyl-p-nitroaniline vapour and crystal phase, shake up phenomena and CNDO/S core study, (77 refs.)...	51123	Optics in medical ultrasonics, (74 refs.)...	43930
n-particle scattering theory, (101 refs.)...	49994	Order and disorder in layer silicates, (55 refs.)...	38338
Nature of high-velocity OB stars, (53 refs.)...	36281	Order of magnitude of γ CO in R ⁺ CO molecules, (128 refs.)...	28952
Nature of matter, speculations of Thomson and Jenkin, (78 refs.)...	5068	Organic conducting solid molecular properties, (53 refs.)...	42763
Nb ₂ O ₅ barrier tunnel junction, (54 refs.)...	7778	Organic cosmochemistry, (50 refs.)...	48715
Nb ₂ Sn multifilamentary superconductor fabrication, (51 refs.)...	52731	Organic semiconductors, (84 refs.)...	47658
Nearby X-ray flare stars, (61 refs.)...	49665	Origin of troposphere O ₃ , (62 refs.)...	44256
Neodymium lasers, miniature, (101 refs.)...	6580	Orogenic belt palaeomagnetism, (201 refs.)...	13397
Neutral currents, (53 refs.)...	10136	Oxidation of metals at high temperature, (73 refs.)...	53343
Neutrino interactions, (53 refs.)...	14369	Oxygen anomalies of borate glasses, (86 refs.)...	38288
Neutron magnetic scattering studies of amorphous solids, (52 refs.)...	3141	Pacific tectonic plate, (83 refs.)...	22212
Neutron scattering and magnetic properties of ferromagnetic transition metals, (101 refs.)...	25879	Pacific and New Zealand, (67 refs.)...	32429
Ni/Cd cells, temperature behaviour of electrodes, (57 refs.)...	53574	Palaeoatmosphere O ₃ , (53 refs.)...	49389
Ni phthalocyanine iodination, chemical, spectral, structural and charge transport properties, (72 refs.)...	47621	Palaeoclimatology—astronomical theories, (77 refs.)...	9241
NMR and EPR studies of superionic conductors, (229 refs.)...	12411	Paramagnetic probes in NMR and EPR studies of membrane enzymes, (69 refs.)...	9059
NMR/ON experiments, (83 refs.)...	34945	Partial electron impact ionisation cross section of He, Ne, Ar and Kr, mass spectra determination, (83 refs.)...	10844
NMR relaxation studies of solute-solvent interactions, (183 refs.)...	10761	Particle-hole formulation of the unitary group approach to the many-electron correlation problem. I. State construction and classification, (51 refs.)...	19037
NMR studies of membrane structure and dynamics, (136 refs.)...	13217	Passive Fe film dissolution and pit initiation, (58 refs.)...	39514
		Pd, Fermi surface properties, (58 refs.)...	42676
		Permeability of crystalline and argillaceous rocks, (82 refs.)...	44218
		Perturbative QCD beyond the leading order, (60 refs.)...	14358
		Perturbative QCD in hard scattering processes, (89 refs.)...	14362
		Perturbative quantum chromodynamics and applications to large momentum transfer processes, (101 refs.)...	14357
		Phase diagrams of electronic materials, (75 refs.)...	7294
		Phase-space methods for partially coherent wavefields, (51 refs.)...	41567

Phase transitions, field theoretic approach, (60 refs.).....	9958	QCD and instantons at finite temperature, (110 refs.).....	40940
Phenomenology of flavordynamics, (104 refs.).....	14258	QCD and spectroscopy, (127 refs.).....	36840
Phonons and the superconducting transition temperature, (269 refs.).....	42887	QCD in hadronic interactions, (127 refs.).....	14261
Phonons in transition metals, (156 refs.).....	42492	QCD, perturbative and nonperturbative, (56 refs.).....	10174
Phospholipid bilayer model, phase transitions, critical indices, (66 refs.).....	35758	QCD phenomenology, (61 refs.).....	10173
Phosphor research developments, (41 refs.).....	19398	QED of strong fields in heavy ion-atom collisions, (51 refs.).....	15004
Photochemical air pollution in United Kingdom, (50 refs.).....	53731	Quadrupole phonon models for nuclei far from stability, (106 refs.).....	14449
Photochemical selective activation for electroless metal deposition on noncon- ductors, (65 refs.).....	17075	Quantitative analysis of surfaces by XPS, (61 refs.).....	53056
Photodetectors for fiber transmission systems, (74 refs.).....	11168	Quantitative depth profiling in surface analysis, (139 refs.).....	47347
Photodissociation of polyatomic molecules, (55 refs.).....	33524	Quantitative nondestructive measurements of residual stresses, (159 refs.).....	43622
Photoelectrochemical cells, electrolyte properties, (99 refs.).....	48868	Quantitative secondary ion mass spectroscopy, (84 refs.).....	21825
Photoelectrochemistry: applications to solar energy conversion, (220 refs.).....	13018	Quantum-chemical calculations of electronic structures and molecular proper- ties within the framework of approximate schemes of zero differential over- lap. II. Results of specific calculations of molecular properties within the framework of semiempirical ZDO schemes, (75 refs.).....	6151
Photoexcitation and ionization in carbon dioxide: theoretical studies in the separated-channel static-exchange approximation, (83 refs.).....	24198	Quantum electrodynamics of strong fields in heavy ion collisions, (77 refs.).....	14987
Photogalvanic effect in media lacking a centre of symmetry, (105 refs.).....	25763	Quantum field theory in curved spacetime, (117 refs.).....	18118
Photoluminescence in amorphous semiconductors, (60 refs.).....	31202	Quantum fluidodynamics, (151 refs.).....	14361
Photometry of bright early-type spiral galaxies, (98 refs.).....	9652	Quantum gravity, (74 refs.).....	18137
Photon-counting statistics of optical scintillation, (95 refs.).....	51377	Quantum mechanical calculations of molecular properties and Mulliken's influence in their developments, (56 refs.).....	14791
Photoreceptor damage by light in mammalian eyes, (50 refs.).....	35822	Quantum mechanical study of elastic scattering and rotational excitation of CO by electrons, (66 refs.).....	6384
Photovoltaic devices for electric power generation, (265 refs.).....	43756	Quantum tunnelling decay, (52 refs.).....	36785
Photovoltaic technology, technological and economic development, (52 refs.).....	39778	Quark model without colour freedom, (83 refs.).....	10151
Physical chemistry of Ag ₂ S, (63 refs.).....	31870	Quark models applied to photo- and electroproduction, (62 refs.).....	36839
Physicochemical properties and applications of semiconducting A ^{III} B ^V com- pounds, (54 refs.).....	15872	Quark-parton model of nuclear production, (56 refs.).....	10226
Physics of molecular ion formation, (62 refs.).....	29047	Quaternary time scale, (50 refs.).....	17571
Physics of strength of composites, (99 refs.).....	31604	Quartz in fused silica, growth rate dependence on pressure and impurities, (76 refs.).....	49842
Physics of ultra-pure germanium, (76 refs.).....	52518	Quasars, highly polarised class, (124 refs.).....	5759
Physiological optics, (244 refs.).....	44734	Quasi-free (α,α') reaction induced by 140 MeV alpha particles on ¹⁰ B, ¹² C, ¹⁶ O and ²⁰ Ne, (56 refs.).....	37256
Pien mafic-ultramafic complex, Brazil, (59 refs.).....	9130	Quasi-molecular treatment of pressure broadening of spectral lines by neutral perturbors, (66 refs.).....	41907
Piezoelectricity, pyroelectricity, and ferroelectricity in organic materials, (65 refs.).....	12460	Quasielastic electron scattering from nuclei, (88 refs.).....	36054
Pion-neutron interactions at high energies, (73 refs.).....	45378	Quaternary ice ages, (91 refs.).....	4860
Pion-nucleus scattering lengths and sigma terms, (51 refs.).....	45535	Quiet Sun at metric and decametric wavelengths, (62 refs.).....	4859
PIXE, trace element microanalysis of mineralogical and biological samples using proton microprobe, (81 refs.).....	21826	Quiet Sun radiation at cm and mm wavelengths, (103 refs.).....	44163
Planar organic molecules, X α MS theory, (79 refs.).....	11105	R Coronae Austrinae dark cloud, (56 refs.).....	24069
Planetary atmospheres, (108 refs.).....	13714	Ra, Th, U and ²³² Pb in Pacific Ocean sediments, (72 refs.).....	39969
Planetary coordinates and rotation, (69 refs.).....	4791	Radiation and cancer, (62 refs.).....	26966
Planetary interiors, (406 refs.).....	27691	Radiation effects on aquatic organisms, (51 refs.).....	17967
Plasma chemistry of fossil fuels, (313 refs.).....	34179	Radiation effects on living systems.....	13940
Plasma focus devices, (63 refs.).....	18934	Radiation effects on whole organisms, populations, and ecosystems, (310 refs.).....	45519
Plasma hydrodynamics in strong current channel, (52 refs.).....	11534	Radiation from locally energised solar flare loop, (74 refs.).....	53441
Plasma-materials interactions and impurity control in magnetically confined thermonuclear fusion machines, (211 refs.).....	34090	Radiation induced electron-gain and -loss reactions of molecules and ions, (53 refs.).....	22622
Plasma-neutral gas interaction, (54 refs.).....	7006	Radiation pressure effects on satellite motion, (168 refs.).....	49132
Plasma science, limits, (70 refs.).....	42134	Radiation problems in fusion energy production, (82 refs.).....	49124
Plasma-wall interactions, (35 refs.).....	19933	Radiation problems in fusion energy production, (81 refs.).....	9649
Plasmons in inversion layers [Far infrared probe], (46 refs.).....	12507	Radiation structures of Seyfert galaxies, (56 refs.).....	49831
Plastic analysis of shells, (126 refs.).....	6793	Radio survey of Abell galaxy clusters, (113 refs.).....	54278
Plastic deformation and work hardening, (258 refs.).....	3786	Radiocarbon: a universal isotope, (180 refs.).....	54647
Plasticity and crystal structure, (67 refs.).....	30305	Raman microprobe spectroscopic analysis of single particles, (85 refs.).....	48895
Platinum-group elements, (47 refs.).....	32410	Rankine engines organic working fluids characteristics, (80 refs.).....	52532
Pleistocene geomagnetism, (54 refs.).....	32349	Rare earth compounds, crystalline electric field effects, (116 refs.).....	47657
Point-contact spectroscopy in metals, (61 refs.).....	20858	Rare gases radioluminescence, (121 refs.).....	24924
Point defects and radiation damage processes in α -quartz, (52 refs.).....	15934	Rate constants and vibrational energy disposal for reaction of H atoms with Br ₂ , SF ₆ , PBr ₃ , SF ₄ , and SF ₆ , (53 refs.).....	39609
Point defects in doped single crystals of A ^{III} B ^V compounds, (61 refs.).....	25264	Rayleigh scattering by neutral atoms, 100 eV to 10 MeV, (60 refs.).....	14850
Polar atmosphere-ice-ocean processes, (173 refs.).....	13562	Reaction dynamic study of Li+HF, HCl by crossed molecular beams, (73 refs.).....	8557
Polarisation microwave holography, (70 refs.).....	51416	Reactive ion etching, (75 refs.).....	43557
Polarisation studies in binary and three particle nuclear reactions, (126 refs.).....	50575	Red giants, metal deficient, (57 refs.).....	54496
Polarization effects in transfer reactions, (66 refs.).....	28458	Refractive index of silicon and germanium and its wavelength and tempera- ture derivatives, (224 refs.).....	9778
Polarization utilization in electromagnetic inverse scattering, (250 refs.).....	51351	Refractory interstellar grains in solar neighbourhood, (66 refs.).....	4948
Polydiacetylene, model conjugated polymer, (71 refs.).....	20081	Regge phenomenology of inclusive reactions, (321 refs.).....	40976
Polymer electron states, ab initio studies, (65 refs.).....	16227	Reinforcement of elastomers by fillers: review of period 1967-1976, (186 refs.).....	35261
Polymer lattices as model colloids, (266 refs.).....	53477	Relativistic effects in the atomic and nuclear few-body problems, (50 refs.).....	50545
Polymer melt capillary viscometry, (78 refs.).....	30441	Relativistic heavy ion collisions and cosmological events, (225 refs.).....	14544
Polymers as electronic materials, (90 refs.).....	3002	Relativistic thermodynamics and electrodynamics, (69 refs.).....	18186
Polymers, small angle neutron scattering, (83 refs.).....	38309	Relativity and clocks, (54 refs.).....	14052
Polyvinylidene fluoride, piezoelectric and ferroelectric properties, (61 refs.).....	52906	Renewable energy resources for developing countries, (53 refs.).....	39708
Positron annihilation spectroscopy, (107 refs.).....	39179	Renewable energy sources, environmental aspects, (198 refs.).....	39706
Positron emission tomography, design considerations, (51 refs.).....	53872	Resonance cone fields and lower hybrid heating, (118 refs.).....	11517
Positronium formation and positron emission at metal surfaces, (50 refs.).....	12612	Resonant satellite motion, (164 refs.).....	22663
Positronium research, (190 refs.).....	41523	Reversed-field-pinch research, (234 refs.).....	11588
Post-Viking view of Martian geologic evolution, (221 refs.).....	36207	Rheological properties of polypropylene melts, molecular weight distribution effect, (67 refs.).....	51727
Precipitation and dispersion hardening, (63 refs.).....	31477	Rio Grande Rift, deep crust structure, (115 refs.).....	13432
Precipitation hardening, (94 refs.).....	3763	River diversion in USSR, Soviet policy making, (58 refs.).....	5077
Precision frequency control and selection, (3145 refs.).....	22964	Rotation and magnetid fields of very massive stars, (58 refs.).....	44536
Prediction of the properties of liquids and gases, (77 refs.).....	52034	Rotation in solar-type stars, (59 refs.).....	54472
Pre-equilibrium models of nuclear reactions. Exciton model, (53 refs.).....	14509	Rotational and translational Brownian motion, (99 refs.).....	29
Preliminary investigation of neural function and dysfunction in amblyopia. I. Size-selective channels, (21 refs.).....	4271	Rotational relaxation of CO by collisions with H ₂ , (53 refs.).....	29084
Presynaptic calcium currents in squid giant synapse, (76 refs.).....	53766	S-O bond order determination in SO ₂ and dimethyl sulphite using low energy particle accelerator, (89 refs.).....	1332
Primordial gas clouds, (54 refs.).....	9594	Safety assessment of radioactive waste disposal in the USA, (81 refs.).....	813
Profile refinement of neutron powder diffraction patterns, (78 refs.).....	30004	Salt systems, electrical conductance density, viscosity, and surface tension data, (233 refs.).....	50104
Proterozoic transcurrent tectonics: palaeomagnetic evidence, (70 refs.).....	35967	Satellite in Earth's gravitational field, (126 refs.).....	22660
Proton affinities of neutral molecules, (188 refs.).....	4056	Saturn atmosphere, (80 refs.).....	49573
Proton lifetime, (76 refs.).....	23462	Scanning electron microscopy, cathodoluminescent mode, (95 refs.).....	18340
Protostar evolution, (56 refs.).....	22773	Scattering of electrons by atoms, (237 refs.).....	1364
Pulsars—observational data, (61 refs.).....	9547	SCF DVM-X α with basis set of numerical Hartree-Fock functions and its applications to MoF ₆ , WF ₆ , and UF ₆ , (50 refs.).....	10632
Pulsars—superfluidity, (52 refs.).....	9548	Scientific achievements of lunar laser ranging, (120 refs.).....	36198
Pulse amplitude spectrometer counting errors, (97 refs.).....	1035	Scintigraphic evaluation of regional pulmonary ventilation, (84 refs.).....	4364
Pulsed dye lasers, (390 refs.).....	10999		
Pulsed high-current ion beams, (82 refs.).....	1482		
Pulsed holography, (73 refs.).....	10947		
Pulsed magnetic field generators and their practical application, (102 refs.).....	33012		
Pulvinar neuron responses to eye movements and light flashes in squirrel monkeys, (55 refs.).....	4268		
Purine-water interactions in base stacking, (88 refs.).....	1116		
PVT properties of fluids, (116 refs.).....	34455		
PWR coolant sampling and analytic problems, (239 refs.).....	13953		

- Scintigraphy, pulmonary ventilation-perfusion imaging, (72 refs.)..... 9011
- Sea-state measurements using skywave radar, (56 refs.)..... 32536
- Sea water CO₂ system effect on Al corrosion, (59 refs.)..... 39510
- Secondary electron emission from solids, (116 refs.)..... 12609
- Secondary ion formation on oxygen covered alloy surfaces, (112 refs.)..... 8185
- Sediments, characterization using SEM and Fourier methods, (88 refs.)..... 49422
- Seismic attenuation, (51 refs.)..... 22525
- Seismic inverse problem, solns. for layered media, (49 refs.)..... 9102
- Seismic properties of molten rocks, (54 refs.)..... 22250
- Seismic reflection profiling, (70 refs.)..... 13622
- Seismic sounding data, inversion methods, (75 refs.)..... 54008
- Seismic velocity structure of oceanic crust, (114 refs.)..... 35957
- Seismograph stations of Canada, (73 refs.)..... 32524
- Selective solar absorbers produced by optical multilayer coatings, (62 refs.)..... 21899
- Self-focusing media with variable index of refraction, (50 refs.)..... 29351
- Semiconductor crystal growth by sputtering, (173 refs.)..... 48260
- Semiconductor crystal growth: purification doping and defects, (422 refs.)..... 48253
- Semiconductor electron-phonon interactions, (66 refs.)..... 15994
- Semiconductor hot carrier diffusion and noise, (61 refs.)..... 16325
- Semiconductor nonequilibrium phonon processes, (97 refs.)..... 16238
- Semiconductor nonlinear transport, (245 refs.)..... 16294
- Semiconductor superlattices, (32 refs.)..... 30817
- Semiconductor superlattices by MBE and their characterization, (63 refs.)..... 2417
- Semiconductor surface and crystal physics studied by MBE, (67 refs.)..... 2848
- Semiconductor surface reconstruction, (71 refs.)..... 52401
- Semiconductor surface space charge layers, (65 refs.)..... 12176
- Semiempirical models of chromospheric flare regions, (56 refs.)..... 44517
- Semimagnetic semiconductors, (48 refs.)..... 47925
- Shaped crystal growth, (399 refs.)..... 33
- Shock waves in nuclear matter, (67 refs.)..... 14487
- Shrinkage and internal stress during curing of epoxide resins, (51 refs.)..... 25354
- Si₃N₄ polyphase system, (152 refs.)..... 8261
- Si amorphous solar cells, (73 refs.)..... 32026
- Si d-metal interface electron states, (82 refs.)..... 16367
- Si energy levels, (798 refs.)..... 38748
- Si-H, amorphous, electrical and optical properties, (53 refs.)..... 38816
- Si-H amorphous films, glow-discharge deposition, (180 refs.)..... 30589
- Si, nature of Au related deep levels, (62 refs.)..... 20656
- Si nitridation, (51 refs.)..... 16734
- Si solar cell systems, history, state of the art and future prospects for electricity generation, (80 refs.)..... 13121
- Si solar cells, photodegradation, (102 refs.)..... 13135
- Sierra Nevada-Great Basin boundary zone, (50 refs.)..... 49216
- Silicon nucleation and growth by CVD, (99 refs.)..... 3631
- Silver halide physics recent developments, (45 refs.)..... 35071
- SIMS applications in biology and medicine, (55 refs.)..... 4380
- SIMS instrumentation and imaging techniques, (70 refs.)..... 377
- Single-atom detection, (57 refs.)..... 43717
- Single particle density, role in chemistry, (348 refs.)..... 37357
- Singlet methylene kinetics: direct measurements of removal rates of A^1A and B^1B , CH₃ and CD₃, (50 refs.)..... 51264
- Singularities and horizons in general relativity, (427 refs.)..... 18115
- Singularities and time-asymmetry, (114 refs.)..... 18109
- Sintered carbide cutting tools, new developments, (60 refs.)..... 39468
- Sintered superhard materials, (52 refs.)..... 12682
- SiO₂ very thin films, (52 refs.)..... 7490
- Sirius B, (43 refs.)..... 44596
- Sliding wear mechanisms of metals, (57 refs.)..... 53302
- Small gauge pressures, review of measurement methods, (53 refs.)..... 18240
- Soft magnetic metallic materials, (289 refs.)..... 30917
- Solar active regions loops and filaments, (87 refs.)..... 4865
- Solar atmosphere, (112 refs.)..... 36261
- Solar cells, Auger electron spectroscopy and surface analysis, (72 refs.)..... 21884
- Solar energy role and energy conservation, (87 refs.)..... 39806
- Solar flare X-ray spectra, (52 refs.)..... 32674
- Solar magnetic fields, (50 refs.)..... 49587
- Solar Mg II resonance line wings, (50 refs.)..... 17800
- Solar oscillations, (58 refs.)..... 27467
- Solar photospheric spectra, (71 refs.)..... 22757
- Solar preflare conditions, (115 refs.)..... 36246
- Solar radio emission, (81 refs.)..... 4857
- Solar wind control of geoelectric field, (90 refs.)..... 4600
- Solar wind velocity, (73 refs.)..... 4845
- Solar X-ray emission line profiles, (57 refs.)..... 54435
- Solc elements in Lyot-Ohman filters, (75 refs.)..... 6640
- Solid-electrolyte interfaces, nontraditional approaches, (112 refs.)..... 34575
- Solid phase epitaxial growth of Si and Ge, (57 refs.)..... 47415
- Solid solution hardening, (51 refs.)..... 31478
- Solid solution hardening in body-centred cubic alloys, (49 refs.)..... 3762
- Solid state ionics, (159 refs.)..... 47290
- Soliton and its history, (227 refs.)..... 36486
- Solvents, (90 refs.)..... 36505
- Solubility of sparingly soluble Pb salts in water and aqueous electrolyte solutions, (199 refs.)..... 9780
- Solution hardening in f.c.c. metals, (110 refs.)..... 3761
- Solvent-solute interaction influence on radiationless processes: excited state dynamics of 1,8-anilinonaphthalene sulphate and related molecules, (61 refs.)..... 29020
- Solvophobic theory of molecular conformations and biopolymer bindings: prediction in solutions, (55 refs.)..... 1072
- Sonic booms, knowledge status, (132 refs.)..... 37964
- Sonic absorption in air at high temperature, (65 refs.)..... 37674
- Soviet nuclear accident, (119 refs.)..... 17501
- Space charge layers, many-body effects, (80 refs.)..... 47751
- Space velocities of G and K stars, (76 refs.)..... 40460
- Spatial problems of crack theory, (77 refs.)..... 34407
- Spatial problems of the theory of cracks, (229 refs.)..... 29625
- Speckle metrology range, (51 refs.)..... 14096
- Spectra of peculiar DA white dwarfs, (65 refs.)..... 54494
- Spectroscopic analysis of Pollux (B Geminorum), (115 refs.)..... 32700
- Spectroscopic properties of fission isomers, (73 refs.)..... 50680
- Spectroscopic studies based on the pioneering work of R.S. Mulliken, (51 refs.)..... 14868
- Spectroscopy, chemistry and catalysis of metal atoms, metal dimers and metal clusters, (109 refs.)..... 41531
- Spectroscopy of collective pair excitations, (75 refs.)..... 43130
- Spectroscopy of interstellar Na I, (56 refs.)..... 27592
- Spectroscopy of molecular crystals, 1978, (1047 refs.)..... 17965
- Spectroscopy of quasi-two-dimensional space charge layers, (63 refs.)..... 48065
- Spectrum of Ap star ϵ Coronae Borealis, (50 refs.)..... 13781
- Spectrum of barium star ζ Capricorni, (61 refs.)..... 44561
- Spin glasses: A brief review of experiments, theories, and computer simulations, (75 refs.)..... 12334
- Spin glasses, two-dimensional, magnetic correlations, (58 refs.)..... 3198
- Spin glasses with short range interaction, (53 refs.)..... 20986
- Spin Hamiltonians and theoretical models [low-dimensional solids], (59 refs.)..... 42398
- Spin-polarized low-energy electron diffraction, (62 refs.)..... 46961
- Spiral galaxies, (56 refs.)..... 36403
- Spiral galaxies radio survey, (90 refs.)..... 49808
- Splices, connectors, and power couplers for field and office use, (72 refs.)..... 11118
- Sputtering yield data for Tokamaks: Comparison of measurements and estimates, (96 refs.)..... 25024
- Squid giant synapse, presynaptic Ca²⁺ current related to post synaptic potential, (55 refs.)..... 53767
- SS 433, (54 refs.)..... 4922
- Stability of inverse problems, (124 refs.)..... 51362
- Stable state pictures of reaction constants for condensed and gas phase reaction models, (68 refs.)..... 8553
- Star clusters and associations and galactic structure, (58 refs.)..... 36346
- Stark widths of doubly- and triply-ionized atom lines, (51 refs.)..... 10692
- Stark widths of oxygen ion lines, (52 refs.)..... 1167
- Static and dynamic instabilities, (70 refs.)..... 15431
- Static dielectric constant of water and steam, (72 refs.)..... 52885
- Statistical models for product energy distribution in bimolecular reactions with metastable intermediates, (55 refs.)..... 12975
- Statistical properties of interstellar H I, (67 refs.)..... 49769
- Statistical theory of heavy ion reactions, (58 refs.)..... 50630
- Stellar abundances from line statistics, (67 refs.)..... 44534
- Stellar photometric systems, (513 refs.)..... 9386
- Stellar planetary nebulae, (82 refs.)..... 54591
- Stellar spectra and photometry, (74 refs.)..... 49627
- Stellar spectrophotometry, (48 refs.)..... 13699
- Stellar tidal disruption by massive binary black hole, (77 refs.)..... 36233
- Stellar wind stability, (58 refs.)..... 49604
- Stellar winds, (53 refs.)..... 4915
- Stereochemistry relationship with classification of rearrangement mechanisms, (92 refs.)..... 41513
- Stiff chain polymer lyotropic liquid crystals, (188 refs.)..... 11674
- Stochastic electrodynamics, (90 refs.)..... 14032
- Strain scaling law for flux pinning in superconductors (Nb₃Sn), (51 refs.)..... 42929
- Stratosphere H₂O vapour, (62 refs.)..... 22386
- Stress corrosion crack propagation, (53 refs.)..... 48555
- Stress-strain state of thin shells with openings, (441 refs.)..... 19561
- Stretching cubic and quartic force constants of FH...H₂ hydrogen bonded complex, (52 refs.)..... 6158
- Strong lattice relaxation in localized defects, (50 refs.)..... 47193
- Structural analysis of electrical properties of cells and tissues, (53 refs.)..... 39904
- Structural properties of liquid gallium, (97 refs.)..... 46985
- Structure and evolution of massive stars, (53 refs.)..... 17833
- Structures of molecular liquids, (171 refs.)..... 11667
- Structures, parameters, and transmission properties of optical fibers, (82 refs.)..... 11112
- Study of local electrophysical properties of semiconductors using laser irradiation, (56 refs.)..... 3014
- Sub-Doppler optical-optical double-resonance spectroscopy of BaO. Electronic structure in the 4-eV region, (59 refs.)..... 1261
- Submillimeter-wave lasers and their applications, (94 refs.)..... 33645
- Substituent effect on the acidity of the methyl group, (70 refs.)..... 41307
- Sun, radio bursts, (61 refs.)..... 4878
- Sunsports and physics of magnetic flux tubes, (63 refs.)..... 9445
- Superconducting fusion-magnet materials, radiation effects, (50 refs.)..... 52173
- Superconducting material research in the 1970's, (71 refs.)..... 52675
- Superconducting materials for high-field applications, (89 refs.)..... 38900
- Superconductivity in amorphous T₁T₂ transition-metal alloys, (52 refs.)..... 30869
- Superconductivity in metallic glasses, (48 refs.)..... 30862
- Superconductor critical parameters, (63 refs.)..... 3124
- Superconductors, non-equilibrium, charge imbalance, (65 refs.)..... 25828
- Superplasticity in splat-quenched Pb-Sn eutectic, (52 refs.)..... 3844
- Superradiance, (78 refs.)..... 51435
- Surface enhanced Raman spectroscopy of Ag, electrodes, adsorbed ion, water and impurities effect, (63 refs.)..... 48056
- Surface-mode phonons, (137 refs.)..... 47353
- Surface pattern production by chemical and plasma etching, review, (161 refs.)..... 53317
- Surface photometry of galaxy NGC 7793, (63 refs.)..... 9645
- Surface salinity variations in North Atlantic Ocean, (50 refs.)..... 27201
- Surface topography, (271 refs.)..... 47348
- Surface vibrations studies by low energy electron spectroscopy, (62 refs.)..... 2796
- Symmetries of quarks and leptons, (104 refs.)..... 28240
- Synchrotron radiation and energy-dispersive diffraction, (61 refs.)..... 29949
- Synergistic nuclear energy systems concepts, (53 refs.)..... 14699
- Synthetic dyes for photochemical solar-energy storage, (70 refs.)..... 8767
- Systematics of atom-atom collision strengths at high speeds, (51 refs.)..... 19169
- Target patterns in a realistic model of the Belousov-Zhabotinskii reaction, (67 refs.)..... 4049
- Tectonic models and seismic potential, (62 refs.)..... 44162
- Temperature gradient solution growth of III-V semiconductors, (59 refs.)..... 21337
- Terrestrial heat flow and circulation, (98 refs.)..... 13441
- Terrestrial planet surfaces, (202 refs.)..... 13715
- The environmental behaviour of uranium and thorium, (68 refs.)..... 6058
- Theoretical conformational analysis: determination of the free enthalpy difference between isomers using combined molecular mechanics and semi-empirical calculations, (52 refs.)..... 46158
- Theoretical studies of partial-channel photoionization cross sections in diatomic and polyatomic molecules, (55 refs.)..... 24196
- Therapeutic irradiation and brain injury, (99 refs.)..... 35837
- Thermal anemometry, (76 refs.)..... 36472
- Thermal conductivity of ice, (57 refs.)..... 11926

Thermal expansion of solids at low temperatures, (239 refs.)	2658
Thermal metamorphism of primitive meteorites, (52 refs.)	54432
Thermal negative ion sources, (182 refs.)	22958
Thermal stability of long range order in oxides, (62 refs.)	31444
Thermally activated dislocation movement at plastic deformation, (77 refs.)	42381
Thermochemistry of semiconductors, (232 refs.)	47260
Thermodynamic aspects of liquid and amorphous metals, (73 refs.)	30423
Thermodynamic excess functions: approximation formulae and best fit of mass spectrometric data, (50 refs.)	16062
Thermodynamics, second law analysis, (61 refs.)	14084
Thermoluminescence dating, (65 refs.)	17691
Thermophoresis in gases, (88 refs.)	2134
Thin film superconductors, self-heating-induced phenomena, (58 refs.)	25850
Thin film thickness measurement, (59 refs.)	14103
Thomas-Fermi equation, improved variational solution for atoms, (52 refs.)	45848
Three- and four-nucleon systems (experiment), (50 refs.)	50580
Three and four nucleon systems theory, (75 refs.)	50581
Three-dimensional refractive index distribution measurement, (52 refs.)	18288
Tibetan Sedimentary Series, palaeomagnetism and tectonics, (99 refs.)	32346
Tigroid substance formation in mouse brain after X-irradiation, (62 refs.)	43921
Time-dose effects in radiation therapy, (60 refs.)	27003
TiS ₂ (Se ₂), converged p/d gap calculations, (67 refs.)	42685
Tokamak scaling laws, (79 refs.)	15636
Torsion and related concepts, (25 refs.)	9887
Traditional materials vs. modern materials, (50 refs.)	31321
Transcapillary tracer transport, effect of red cell permeability, (66 refs.)	32156
Transfer coefficients to terrestrial food products in equilibrium assessment models for nuclear installations, (76 refs.)	8776
Transient effects in microwave spectroscopy, (133 refs.)	10004
Transionospheric radiowave propagation and signal statistics, (54 refs.)	44390
Transition metal alloys, ferromagnetism onset as cooperative phase transition, (78 refs.)	12287
Transition metal ions in crystals with the fluorite structure, (196 refs.)	25669
Transition metals and alloys, neutron scattering and magnetic properties, (224 refs.)	52748
Transition probabilities and their accuracy, (127 refs.)	1184
Transmission scanning electron microscopes, (39 refs.)	36774
Transport properties near the superfluid transition in helium, (60 refs.)	47316
Transport properties of liquid non-simple metals, (56 refs.)	30693
Transport theories of heavy-ion reactions, (232 refs.)	28497
Trapped radiations of Saturn, (66 refs.)	40391
Tritium-related surface effects in Tokamaks, (63 refs.)	25026
Tropomyosin motions, crystal as metaphors, (57 refs.)	8800
Tropospheric aerosols in remote regions, (52 refs.)	44248
Tunable diode laser spectroscopy, (173 refs.)	33064
Tunable lasers utilizing colour centres in ionic crystals, (46 refs.)	33694
Turbulent boundary layer research, experimental techniques, (193 refs.)	2119
Turbulent shear flow with uniform mean temperature gradient, (55 refs.)	51760
Two-dimensional phase transitions of simple molecules adsorbed on graphite, (164 refs.)	7298
Two-nucleon forces and nuclear matter, (73 refs.)	41064
Two orogenies in Grenville Belt, (51 refs.)	54033
Two to ten atomic isoelectronic sequences, Rayleigh-Schrodinger perturbation expansion, (61 refs.)	45811
Ultrashort bandwidth-limited pulse generation, (176 refs.)	11032
Ultrashort pulse generation in lasers with active mode locking, (33 refs.)	33728
Ultrasonic fatigue, (77 refs.)	8506
Ultraviolet colours of W Ursae Majoris, (55 refs.)	9563
Ultraweak photoemission from biological systems, (54 refs.)	21993
Uncertainty and complementarity in axiomatic quantum mechanics, (90 refs.)	40666
Unidirectional solidification by Fe-C eutectic alloys, (50 refs.)	8297
Universal MHD perturbation, (85 refs.)	36439
Unstable laser resonators, (46 refs.)	11028
Upper atmosphere electrical phenomena, (77 refs.)	9308
Uranus and establishment of Herschel's astronomy, (59 refs.)	36485
Uranus atmosphere, (83 refs.)	40420
US B-scan imaging, 2D real-time, (60 refs.)	43926
US in fetal cardiovascular dynamics, (56 refs.)	4346
UV Ceti star activity, (77 refs.)	22821
Valence bond diatomics-in-molecules (DIM) treatment of collinear interactions of group IIa and IIb metal atoms with hydrogen halides: application to the CaHCl system, (58 refs.)	1143
Valley splitting in Si inversion layers, (82 refs.)	12170
Van der Waals binary mixtures, critical lines and phase equilibria, (54 refs.)	52254
Vander Lugt filter optimisation, (51 refs.)	15100
Vega, (90 refs.)	22795
Vela X and the evolution of plerions, (67 refs.)	17886
Venezuelan tectonics, (53 refs.)	22317
Video-fluoroscopic images in diagnostic radiology, (63 refs.)	8986
Virgo cluster mass, (83 refs.)	49829
Viscosity-molecular weight-temperature-shear rate relationships of polymer melts: a literature review, (165 refs.)	34498
Vision, functional field, (84 refs.)	17962
Visual depth of focus, eye size and visual acuity, (57 refs.)	8852
Visual photometry, historical background, (101 refs.)	4348
Wave nucleation and growth by radiation, (55 refs.)	20181
Volcanic arc magma, (145 refs.)	54031
VPE of semiconductors, (348 refs.)	48272
W values of low-energy electrons in several gases, (63 refs.)	42127
Wall problem and conditioning techniques for Tokamaks, (57 refs.)	24986
Water in barnacle muscle, NMR, (50 refs.)	32096
Wave-scattering properties of interdigital SAW transducers, (51 refs.)	51679
Wave transport Lagrangian mean theory, (80 refs.)	13553
Waveguide gas lasers, (75 refs.)	11029
Wavelengths and fine structure of 2s-2p transitions in two- and three-electron ions, (50 refs.)	1398
Wiggle historiography of science, rel. to geology, (112 refs.)	50649
White dwarf accretion disc spectra, (56 refs.)	27497
Wind tunnel simulation of lower atmosphere layers, (63 refs.)	32486
World ocean anthropogenic pollution, (85 refs.)	4543
X-ray induced aggregation of malate synthase, (55 refs.)	32205
X-ray observations of 4U/MXB 1735-44, (59 refs.)	9733
X-ray photoionised nebulae, (79 refs.)	49760
X-ray spectral analysis techniques for plasma microsources review, (120 refs.)	50291
Yang Mills quantum theory, (70 refs.)	28195
Young open cluster NGC 3293 and Carina OB1, (52 refs.)	9587
Yrast lines in light nuclei, (64 refs.)	50487
Zeeman effect in hydrogen, (57 refs.)	51159
ZnO surface electronic structure, defect effects, (108 refs.)	34761
Zr ₂ Al-based alloys, effect of fast neutron irradiation on properties, (53 refs.)	20271

BOOK INDEX

Advances in atomic and molecular physics, vol.14; D.R.Bates, B.Bederson (editor/s), [London, England: Academic 1978, \$48.50] 13947	College physics; F.W.Sears, M.W.Zemansky, H.D.Young, [London, England: Addison-Wesley 1980] 49892
Advances in electronics and electron physics, vol.49; L.Marton, C.Marton (editor/s), [London, England: Academic 1979] 32810, 33038, 33565, 33616, 33580	Computer methods in fluids; K.Morgan, C.A.Brebba (editor/s), [London, England: Pentech Press 1980, £20.00] 17956 (introductory abstract), 18025-9, 19679-80, 19686, 19718-20, 19734, 24817
Advances in nuclear science and technology, vol.12; J.Lewins, M.Becker (editor/s), [New York, USA: Plenum 1980, \$39.50] 13938, 14571, 14586-7, 14673-4, 14699	Contact problems in the classical theory of elasticity; G.M.L.Gladwell, [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1980] 36469
Annual review of astronomy and astrophysics, vol.18; G.Burbidge, D.Layzer, J.G.Phillips (editor/s), [Palo Alto, CA, USA: Annual Rev. Inc. 1980] 9785	Cosmic X-ray astrophysics; D.J.Adams, [Bristol, England: Adam Hilger 1980, £13.50] 9788
Annual review of Earth and planetary sciences, vol.8; F.A.Donath, F.G.Stehli, G.W.Wetherill (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1980] 9790 (introductory abstract), 13440-2, 13457-8, 13487-8, 13558, 13622-4, 13713-15, 13720, 13743	Current topics in materials science, vol.4; E.Kaldis (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$102.50] 5036, 6580, 7011-12, 7152, 7160, 7294, 7298, 7372, 9014
Annual review of energy, vol.5, 1980; J.M.Hollander, M.K.Simmons, D.O.Wood (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1980] 36468 (introductory abstract), 37017, 39705-8, 39729-30, 39764, 39778, 40183	Current topics in materials science, vol.5; E.Kaldis (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$97.50] 36465 (introductory abstract), 38316, 38321, 38525, 39241, 39248
Annual review of materials science, vol.10; R.A.Huggins, R.H.Bube, D.A.Vermilyea (editor/s), [Palo Alto, CA, USA: Annual Rev. Inc. 1980] 36466, 36488, 37513, 38271, 38309, 38695, 38748, 38816, 38850, 38900, 39179, 39279, 39305-6, 39451	Data acquisition for signal analysis; K.G.Beauchamp, C.K.Yuen, [Hemel Hempstead, England: George Allen & Unwin 1980, £20.00] 9776
Annual review of physical chemistry, vol.29; B.S.Rabinovitch, J.M.Schurr, H.L.Strauss (editor/s), [Palo Alto, CA, USA: Annual Reviews Inc. 1978] 9789, 10004, 10051, 10625, 10657, 10718, 10761, 10796, 10799, 10871, 11667, 11674, 11821, 12416, 12460, 12997, 13018, 13039, 13209, 13215, 13217, 13371	Descriptive regional oceanography; P.Tchernia, [Oxford, England: Pergamon 1980, \$19.50] 9787
Artificial ventilation. Technical biological and clinical aspects; J.P.Payne, J.A.Bushman (editor/s), [London, England: Academic 1980, \$31.00] 17951	Dielectric physics; A.Chelkowski, [Amsterdam, Netherlands: Elsevier 1980, \$80.50] 49888
Astronomical almanac for the year 1981; [London, England: HMSO 1980, £6.25] 27688	Dislocations in solids, vol.5. Other effects of dislocations: disclinations; F.R.N.Nabarro (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$78.00] 26, 2328-9, 2377, 2445-6, 2454, 3122
Astrophysical formulae. A compendium for the physicist and astrophysicist; K.R.Lang, [Berlin, Germany: Springer-Verlag 1980] 9784	Dislocations in solids, vol.IV. Dislocations in metallurgy; F.R.N.Nabarro (editor/s), [Amsterdam, Netherlands: North-Holland 1979, \$87.75] 27, 2460-1, 3750, 3761-3, 3786
Atomic structure; E.U.Condon, H.Odabasi, [Cambridge, England: Cambridge 1980, £30.00 hardcover; £9.95 paperback] 13949	Display devices; J.I.Pankove (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$52.60] 22962 (introductory abstract), 26172, 26278
Chemical physics of solids and their surfaces, vol.8; [London, England: Royal Soc. Chem. 1980, \$130.00] 44727 (introductory abstract), 44963-4, 47097-8, 47348, 47389	Dynamical properties of solids, vol.3. Metals, superconductors, magnetic materials, liquids; G.K.Horton, A.A.Maradudin (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$58.50] 40608 (introductory abstract), 42492, 42887, 42958, 43130
Coherent nonlinear optics. Recent advances; M.S.Feld, V.S.Letokhov (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$49.00] 49890, 51178, 51248, 51435, 51562-3, 51568	Dynamical properties of solids, vol.4. Disordered solids, optical properties; G.K.Horton, A.A.Maradudin (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$78.00] 36464 (introductory abstract), 38482, 38487-8, 39102
	Elastic waves in solids. Applications to signal processing; A.Bastin, M.Motz, A.Bastin, M.Motz (translator/s), [Chichester, West Sussex, England: Wiley 1980, £19.50] 44733

- Electromagnetic radiation**; F.H.Read, [Chichester, England: Wiley 1980, £7.95] 9786
- Electromagnetic theory of gratings**; R.Petit (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$38.40] 44728
- Electron transport in compound semiconductors**; B.R.Nag, [Berlin, Germany: Springer-Verlag 1980, \$52.00] 32813
- Ephemerides of minor planets for 1981**; [Leningrad, USSR: Nauka 1980, 3 Roubles] 13722
- Fatigue of metallic materials**; P.Lukas, P.Lukas (translator/s), [Amsterdam, Netherlands: Elsevier 1980, \$61.00] 48504
- Ferromagnetic materials. A handbook on the properties of magnetically ordered substances, vol.II**; E.P.Wohlfarth (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$102.50] 27687 (introductory abstract), 30916-19, 30969, 30988-9
- Fluid flow through porous macromolecular systems**; F.W.Wiegel, [Berlin, Germany: Springer-Verlag 1980] 36462
- Foundations of radiation theory and quantum electrodynamics**; A.O.Barut (editor/s), [New York, USA: Plenum 1980, \$27.50] 13946 (introductory abstract), 14030-4, 14048, 14281-91, 14849
- Fundamental principles of general relativity theories. Local and global aspects of gravitation and cosmology**; H.-J.Treder, H.-H.von Borzeszkowski, A.van der Merwe, W.Yourgrau, [New York, USA: Plenum 1980, \$27.50] 27690
- Gauge theories of weak interactions**; J.C.Taylor, [Cambridge, England: Cambridge 1979, £3.75] 17950
- General relativity. An Einstein centenary survey**; S.W.Hawking, W.Israel (editor/s), [Cambridge, England: Cambridge 1979, £12.50] 17952 (introductory abstract), 18105-9, 18117-18, 18137-9, 18143-4, 22830, 22937-9
- General relativity and gravitation. One hundred years after the birth of Albert Einstein, vol.1**; A.Held (editor/s), [New York, USA: Plenum 1980, \$57.50] 17948 (introductory abstract), 17983-4, 18092-8, 18111, 18123-7, 18135-6, 18145
- General relativity and gravitation. One hundred years after the birth of Albert Einstein, vol.2**; A.Held (editor/s), [New York, USA: Plenum 1980, \$57.50] 17949 (introductory abstract), 18099-104, 18112, 18115-16, 18141-2, 18186, 22936
- Geometry of biological time**; A.T.Winfree, [Berlin, Germany: Springer-Verlag 1980] 9775
- Geophysical case study of the woodlawn orebody, New South Wales, Australia**; R.J.Whiteley (editor/s), [Oxford, England: Pergamon 1981, \$100.00] 44729
- Geosounding principles. 2. Time-varying geoelectric sounding**; H.P.Patra, K.Mallick, [Amsterdam, Netherlands: Elsevier 1980, \$87.75] 5038
- Handbook of environmental engineering. Vol.1. Air and noise pollution control**; L.K.Wang, N.C.Pereira (editor/s), [Clifton, NJ, USA: Humana Press 1979, \$59.50] 49891
- Handbook of the British Astronomical Association 1981**; [London, England: British Astronomical Association 1980, £2.50] 9783
- Handbook on semiconductors. Vol.3. Materials, properties and preparation**; S.P.Keller (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$170.75] 44724, 47088, 47107, 47260, 47415, 47441, 47657-8, 47712, 48253, 48260, 48266, 48272, 48285
- Heavy ion collision, vol.2**; R.Bock (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$85.25] 49887 (introductory abstract), 50626-31
- III-V Semiconductors**; [Berlin, Germany: Springer-Verlag 1980, \$43.00] 13948 (introductory abstract), 16675, 21337, 21354
- ITRI fracture handbook. Failure analysis of metallic materials by scanning electron microscopy**; S.Bhattacharyya, V.E.Johnson, S.Agarwal, M.A.H.Howes (editor/s), [Chicago, IL, USA: Metal Res. Div. IIT Res. Inst. 1979] 9781
- Interferometry by holography**; Y.I.Ostrovsky, M.M.Butusov, G.V.Ostrovskaya, [Berlin, Germany: Springer-Verlag 1980, \$37.80] 13950
- Interiors of the planets**; A.H.Cook, [Cambridge, England: Cambridge 1980, £25.00] 27691
- Introduction to catastrophe theory**; P.T.Saunders, [Cambridge, England: Cambridge 1980, £9.50] 17959
- Inverse scattering problems in optics**; H.P.Baltes (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$46.10] 49889, 51351, 51361-2, 51376-7, 51434, 53521
- Isophotometric atlas of comets, pt.1**; W.Hogner, N.Richter, [Berlin, Germany: Springer-Verlag 1980, \$62.60] 4782
- Laser crystals. Their physics and properties**; A.A.Kaminskii, [Berlin, Germany: Springer-Verlag 1981, \$75.60] 44723
- Laser handbook, vol.3**; M.L.Stitch (editor/s), [Amsterdam, Netherlands: North-Holland 1979] 9782, 10947, 10993-5, 10999-1000, 11020, 11028-9, 11032, 11049, 13029
- Light and its uses. Making and using lasers, holograms, interferometers, and instruments of dispersion**; [San Francisco, CA, USA: Freeman & Co 1980] 44721
- Man in flight. Biomedical achievements in aerospace**; E.Engle, A.S.Lott, [San Diego, CA, USA: AAS 1979] 5033
- Microcircuit engineering**; H.Ahmed, W.C.Nixon (editor/s), [Cambridge, England: Cambridge 1980] 400-2
- Micromechanisms in particle-hardened alloys**; J.W.Martin, [Cambridge, England: Cambridge 1980, £21.00 hardcover; £6.95 paperback] 5040
- Molecular beam epitaxy**; B.R.Pamplin (editor/s), [Oxford, England: Pergamon 1980, \$35.00] 28 (introductory abstract), 1741, 2417, 2847-9, 3626-7
- Mossbauer spectroscopy**; A.Vertes, L.Korecz, K.Burger, [Amsterdam, Netherlands: North-Holland 1979, \$73.25] 17957
- Non-homogeneous media and vibration theory**; E.Sanchez-Palencia, [Berlin, Germany: Springer-Verlag 1980, \$24.20] 44688
- Nuclear reactions with heavy ions**; R.Bass, [Berlin, Germany: Springer-Verlag 1980, \$52.00] 36463
- Observer's handbook 1981**; J.R.Percy (editor/s), [Toronto, Ont., Canada: Royal Astron. Soc. Canada 1980] 13944
- Optics**; W.H.A.Fincham, M.H.Freeman, [London, England: Butterworths 1980, £15.00] 17960
- Physics in science and industry**; A.Cromer, [New York, USA: McGraw-Hill 1980, £11.95] 44732
- Physics of nuclear reactions**; W.M.Gibson, [Oxford, England: Pergamon 1980, \$15.00] 44731
- Physics of semiconductor laser devices**; G.H.B.Thompson, [Chichester, England: Wiley 1980, £22.75] 5037
- Physiological optics**; Y.Le Grand, S.G.El Hage, [Berlin, Germany: Springer-Verlag 1980, \$46.10] 44734
- Plasma chemistry I**; S.Veprek, M.Venugopalan (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$52.00] 32812 (introductory abstract), 33841, 34090, 36092
- Plasma chemistry II**; S.Veprek, M.Venugopalan (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$52.00] 32811 (introductory abstract), 34041, 34179
- Progress in medical ultrasound. Review and comments, vol.1**; A.Kurjak (editor/s), [Amsterdam, Netherlands: Excerpta Medica 1980, \$61.00] 20 (introductory abstract), 4343-7
- Progress in optics, vol. XVII**; E.Wolf (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$61.00] 27689 (introductory abstract), 27929, 28069, 29330, 29351, 32624
- Radiation detection**; W.H.Tait, [London, England: Butterworth 1980] 17958
- Reviews of plasma physics. Vol.8**; D.Parsons (editor/s), D.Parsons (translator/s), [New York, USA: Consultants Bur. 1980, \$42.50] 40607, 42146-8, 42201
- Rocks and minerals**; B.Simpson, [Oxford, England: Pergamon 1966, \$9.00] 44735
- Ruelle-Araki transfer operator in classical statistical mechanics**; D.H.Mayer, [Berlin, Germany: Springer-Verlag 1980, \$12.40] 44720
- Solitons**; R.Bullough, P.J.Caudrey (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$44.90] 36467 (introductory abstract), 36486, 36505-15
- Sound recording**; J.Eagle, [Wokingham, England: Van Nostrand Reinhold 1980, £16.45] 11282
- Stability of elastic systems**; H.Leipholz, [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1980, \$75.00] 44730
- Structure of non-crystalline materials. Liquids and amorphous solids**; Y.Waseda, [Maidenhead, England: McGraw-Hill 1980, £18.75] 44726
- Study of heart-rate variability**; R.J.Kinney, O.Rompelman (editor/s), [Oxford, England: Oxford 1980, £25.00] 27686 (introductory abstract), 32099, 32110, 32151, 32272-4, 32296
- The thermohaline finestructure of the ocean**; K.N.Fedorov, D.A.Brown, J.S.Turner, [Oxford, England: Pergamon 1978, \$39.00] 5039
- Theory of meson interactions with nuclei**; J.M.Eisenberg, D.S.Keltun, [Chichester, England: Wiley 1980, £21.75] 44725
- Webb Society deep-sky observer's handbook. Vol.3. Open and globular clusters**; K.G.Jones (editor/s), [Guildford, Surrey, England: Lutterworth Press 1980, £4.95] 44722
- Your solar energy home. Including wind and methane applications**; D.Howell, [Oxford, England: Pergamon [1980], \$10.25] 17185

CONFERENCE INDEX

Some conference proceedings are published in separate parts with individual titles. Where this occurs, they are listed under the main conference title.

- 100th meeting of Acoustical Society of America**; Los Angeles, CA, USA, 17-21 Nov. 1980, [Fall 1980] 6696 (introductory abstract).
- 11th Annual Meeting of the Central Institute of Physics of the Earth**; Potsdam, Germany, 7 Nov. 1979, [1980] 36449 (introductory abstract), 40039-41, 40053-5, 40068, 40090-1, 40199, 40216-17, 44101
- 12th Annual Meeting of the Division for Planetary Sciences of the American Astronomical Society**; Tucson, AZ, USA, 14-17 Oct. 1980, [1980] 36445 (introductory abstract).
- 156th Meeting of the American Astronomical Society**; College Park, MD, USA, 15-18 June 1980, [1980] 5014 (introductory abstract).
- 157th meeting of the American Astronomical Society**; Albuquerque, NM, USA, 11-14 Jan. 1981, [1980] 40591 (introductory abstract).
- 43rd annual meeting of the Meteoritical Society**; La Jolla, CA, USA, 2-6 Sept. 1980, [31 Dec. 1980] 44696 (introductory abstract).
- 55th congress of the Swiss Chronometry Society**; Berne, Switzerland, 10-11 Oct. 1980, [1980] 49920
- Accuracy in powder diffraction**; Gaithersburg, MD, USA, 11-15 June 1979, [Internat. Union Crystallography; Nat. Bur. Standards] [Washington, DC, USA: Nat. Bur. Standards 1980] 27667 (introductory abstract), 27967-8, 28143-6, 29949-52, 29955-64, 29981-96, 30002-5, 30141, 30204, 30242, 30246, 31639
- Acoustic wave propagation**; Marseille, France, 21-24 Oct. 1980, [1980] 22948 (introductory abstract), 23024, 24553-62, 24565-77, 24579-81, 24605-10, 24632, 27310, 29444
- Acousto-optic bulk wave devices**; Monterey, CA, USA, 27-29 Nov. 1979, [SPIE; Office of Naval Res., et al] [1979] 13920 (introductory abstract), 15089-91, 15236-8, 15290, 15353, 16681, 17768, 19409
- Active optical devices and applications**; Washington, DC, USA, 10-11 April 1980, [1980] 44705 (introductory abstract), 44833, 44998, 46250, 46388, 46493-7, 46583, 46600, 49475, 49511-15
- Adaptive processes**; Albuquerque, NM, USA, 10-12 Dec. 1980, [IEEE] [New York, USA: IEEE 1980] 50905-7
- Advances in microfabrication**; Princeton, NJ, USA, 4 June 1980, [Sept.-Oct. 1980] 5992, 20584
- Aerospace test measurement.I**; Seattle, WA, USA, 5-8 May 1980, [Research Triangle Park, NC, USA: ISA 1980] 10436, 11482-3, 15563
- Aerospace test measurement.II**; Seattle, WA, USA, 5-8 May 1980, [Research Triangle Park, NC, USA: ISA 1980] 14119, 14676-8, 15564, 17019
- American Nuclear Society. Annual Meeting 1980**; Las Vegas, NV, USA, 9-12 June 1980, [June 1980] 755, 785-7, 843-62, 878, 1050, 5839, 5852-6, 5914-73, 5981-3, 10405-14, 10422-35, 10443-4, 10454-504, 10508, 10526, 10548-9, 11531, 14581-5, 14635, 14654-71, 14704-6, 18629, 18640, 18654, 18697-70, 18713-15, 18726-31, 18763-8, 18787-831, 18849, 18885-90, 19808-20, 19875, 19327, 19362-3, 19790, 22554, 23741-5, 23768-71, 23806-29, 23840-1, 23868, 24390, 24395, 24410, 27972, 28534-50, 28604-6, 28648-71, 28687-8, 28691, 28716-21, 28813, 29809-12

- American power conference**; Chicago, IL, USA, 23-25 April 1979, [*Illinois Inst. Technol.*] [Chicago, IL, USA: Illinois Inst. Technol. 1979, \$40.00] 757-9, 789, 865-9, 4041, 4226, 4233, 4321, 4368, 4603
- Analysis instrumentation**; Baton Rouge, LA, USA, 14-16 April 1980, [*J.G. Converse, C. Bossart (editor/s)*] [Research Triangle Park, NC, USA: ISA 1980] 27682 (introductory abstract), 27981, 28038, 28078, 28972, 29159, 31863, 31965-9, 32064, 32080-2
- Antennas and propagation.I**; Quebec, Canada, 2-6 June 1980, [*IEEE*] [New York, USA: IEEE 1980] 6676-9, 6686
- Antennas and propagation.II**; Quebec, Canada, 2-6 June 1980, [*IEEE*] [New York, USA: IEEE 1980] 1463-6, 4668, 6433-7, 9237
- Applications of digital image processing to astronomy**; Pasadena, CA, USA, 20-22 Aug. 1980, [*NASA; Jet Propulsion Lab.; SPIE*] [1980] 44708 (introductory abstract)
- Applications of remote sensing and ranging systems from space**; Rome, Italy, 11-13 March 1980, [Rome, Italy: Rassegna Internazionale Elettronica Nucleare ed Aerospaziale 1980] 369-70, 4602, 4622-4, 4661-7, 4746
- Applied superconductivity**; Santa Fe, NM, USA, 29 Sept. - 2 Oct. 1980, [*APS; IEEE; US Dept. Energy; NBS; et al*] [Jan. 1981] 44692 (introductory abstract), 44952, 45724-5, 45750-6, 46908-10, 47773-4, 47783, 47786, 47789-92, 47796-7, 47799-801, 47807-16, 47821-5, 47827-35, 48294-7, 48344, 48871-3, 48920-3, 50117, 50132, 50156-60, 50176, 50922-6, 51002, 51005-11, 51192-4, 52675, 52678-83, 52694-5, 52697-700, 52703-4, 52708-14, 52721-2, 52724-6, 52729-35, 52738-9, 53091, 53129, 53211, 53627, 53701-3, 53851
- Astronomy and dynamical astronomy**; Heidelberg, Germany, 9-10 Oct. 1979, [1980] 27656 (introductory abstract), 27759, 32596, 32603-6, 32610-11, 32622, 32631, 32638, 32687, 32728, 32730, 32761
- Astronomical Society of the Pacific summer meeting**; Tucson, AZ, USA, 7-12 July 1980, [Oct.-Nov. 1980] 22945 (introductory abstract)
- Atomic spectroscopy**; Varna-Druzhba, Bulgaria, 25-28 Sept. 1978, [Sofia, Bulgaria: Bulgarian Acad. Sci. 1980] 27681 (introductory abstract)
- Auditory training**; Hindsgrøvd Castle, Denmark, 12-15 Sept. 1978, [1980] 27664 (introductory abstract), 32146-7, 3217
- Australian Bureau of Mineral Resources symposium**; Canberra, Australia, 29-30 April 1980, [Sept. 1980] 40128 (introductory abstract)
- Automatic control**; Rio de Janeiro, Brazil, 16-19 Sept. 1980, [*Nat. Council for Sci. & Tech. Development; L.H. S.P. Bhattacharyya, A.C. Del Nero Gomes, E. Kaszkurewicz, C.S. Kubrusly (editor/s)*] [Rio de Janeiro, Brazil: Sociedade Brasileira de Automatica 1980] 36996
- Automatic control, San Francisco, CA, USA, 13-15 Aug. 1980, [*American Inst. Chem. Engrs.; American Soc. Mech. Engrs.; IEEE; ISA*] [New York, USA: IEEE 1980] 17555, 22007, 22057**
- Band structure and nuclear physics**; New Orleans, LA, USA, 28 Feb. - 1 March 1980, [22 Sept. 1980] 10 (introductory abstract), 605-20, 648-50, 664, 687
- Bioengineering**; Cambridge, MA, USA, 27-28 March 1980, [*IEEE*] [New York, USA: IEEE 1980] 9770 (introductory abstract), 13218, 13230-1, 13250, 13278-83, 13299-302, 13304, 13312-14, 13323, 13341-6, 13348-9, 13353-9, 13372-4, 13598, 17443-51, 17466, 17490-1, 17514-17, 17519, 17525, 21974-5, 22004-6, 22050-6, 22154-5, 22161, 22167-8, 22178
- Biomechanics**; Strasbourg, France, 13-15 Sept. 1979, [1980] 13913 (introductory abstract)
- Biophysics**; Denver, CO, USA, 23-25 Feb. 1981, [Feb. 1981] 36447 (introductory abstract)
- Boiler dynamics and nuclear power station control**; Bournemouth, England, 23-25 Oct. 1979, [*British Nuclear Energy Soc.; IEE; ImechE*] [London, England: British Nuclear Energy Soc. 1980, \$93.75] 27670 (introductory abstract), 28553-88, 28674-8, 28838
- Characterisation of particles**; Ann Arbor, MI, USA, 22 June 1978, [Washington, DC, USA: Nat. Bur. Standards 1980] 14 (introductory abstract), 4141-6, 4241, 4401, 5282-4
- Chemical evolution: limits of life**; College Park, MD, USA, 18-20 Oct. 1978, [Sept. 1980] 44699 (introductory abstract), 48940, 49389
- Circuits and computers.I**; Port Chester, NY, USA, 1-3 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 28137, 28150
- Close binary stars**; Toronto, CA, USA, 7-10 Aug. 1979, [*M.J. Plavec, D.M. Popper, R.K. Ulrich (editor/s)*] [Dordrecht, Netherlands: Reidel 1980] 9581
- CO₂ laser devices and applications**; Washington, DC, USA, 10-11 April 1980, [1980] 40596 (introductory abstract), 40853-5, 41659, 41714, 41734-8, 41861, 46385-7, 49428
- Coastal and marine applications of remote sensing**; Dundee, Scotland, 18-19 Dec. 1979, [*A.P. Cracknell (editor/s)*] [Reading, England: Remote Sensing Soc. 1980] 17942 (introductory abstract), 26861, 26869, 27316-23
- Coatings on glass**; Geneva, Switzerland, 18-20 Sept. 1980, [6 March 1981] 49879 (introductory abstract), 51576-9, 52322, 52456, 53009, 53089, 53101-3, 53114, 53326-7
- Coherent and nonlinear optics**; Leningrad, USSR, 13-16 June 1978, [1979] 1163, 1410, 1534, 1578-9, 1616, 1629-31, 1651-2, 2195, 4248
- Coherent and nonlinear optics**; Leningrad, USSR, 13-16 June 1978, [1979] 1535, 1557, 1632-5, 8104
- Coil winding**; Rosemont, IL, USA, 29 Sept. - 1 Oct. 1980, [Libertyville, IL, USA: Worldwide Convention Manage. Co. 1980] 53150, 53366
- Complex analysis, microlocal calculus and relativistic quantum theory**; Les Houches, France, Sept. 1979, [*D. Jaglom (editor/s)*] [Berlin, Germany: Springer-Verlag 1980, \$33.70] 36455 (introductory abstract), 36584, 36813-21, 36823, 36828
- Compound semiconductor interfaces**; Estes Park, CO, USA, 29-31 Jan. 1980, [Sept.-Oct. 1980] 13912 (introductory abstract), 16103-4, 16171-4, 16191-2, 16209, 16241, 16326-32, 16344, 16359, 16362-7, 16372-80, 16597, 16611, 16655, 16762, 16923-4, 20521
- Computer applications in medical care, no.4.I**; Washington, DC, USA, 2-5 Nov. 1980, [*IEEE; J.T.O'Neill (editor/s)*] [New York, USA: IEEE 1980] 22126-31, 22139-40, 22156, 27000
- Computer solutions of 3-D electromagnetic fields**; London, England, 20 Nov. 1980, [*IEE*] [London, England: IEE 1980] 22957 (introductory abstract), 24320, 24326-31
- Computing methods in applied sciences and engineering**; Versailles, France, 10-14 Dec. 1979, [*IFIP; et al; R. Glowinski, J.L. Lions (editor/s)*] [Amsterdam, Netherlands: North-Holland 1980, \$68.25] 18 (introductory abstract), 60, 1848, 1908, 2002, 2013, 2016-18, 2142, 2162, 2192-3, 2230, 4096, 4528, 6795, 6840, 6868, 6887, 6939, 8894-5, 9052, 9119, 9294-5
- Cosmic elemental abundances**; Livorno, Italy, 11 Oct. 1979, [March 1980] 5020 (introductory abstract)
- Cosmic rays**; Erevan, USSR, June 1979, [1979] 32795 (introductory abstract), 32823, 36019, 36103, 36117-35, 36137-52, 36154, 36185, 36187-9, 36245, 36317, 40206
- Cryogenic engineering**; Genova, Italy, 3-6 June 1980, [*C. Rizzuto (editor/s)*] [Guildford, England: IPC Sci. & Technol. Press 1980, £35.00] 9771 (introductory abstract)
- Cryogenic engineering**; Madison, WI, USA, 21-24 Aug. 1979, [*K.D. Timmerhauz, H.A. Snyder (editor/s)*] [New York, USA: Plenum 1980, \$59.50] 44718 (introductory abstract), 44757, 44922, 44934-9, 44967-8, 45734-7, 45747, 45749, 45768-9, 45790-3, 46658, 46664, 46666, 46817, 46834, 47141, 47215-18, 47221, 47245-7, 47264, 47321-4, 47998, 48784-8, 48809, 48879-83, 48918-19, 48926-31, 49125, 49517-18, 50091, 50138-40, 50181, 51022, 51693, 51741, 51841, 52255, 52272, 52380, 52439
- Crystal growth, Mafraured**; Hungary, 28-30 March 1979, [1979] 50128 (introductory abstract), 7064, 7096-101, 7186, 7247, 7422-3, 7481-4, 7761, 7829, 7904, 8100, 8206, 8208-13, 8221, 8223-4, 8233, 8240
- Cybernetics and society**; Boston, MA, USA, 8-10 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 4319, 4341, 4381-2, 4386, 4402, 5078-80, 5267, 6035, 8845, 8848, 8853, 8858-60, 8877-9, 9015-18, 9238, 13244
- Deep inelastic and fusion reactions with heavy ions**; Berlin, Germany, 23-25 Oct. 1979, [*W. Von Oertzen (editor/s)*] [Berlin, Germany: Springer-Verlag 1980, \$29.00] 49880 (introductory abstract), 50610, 50632-54, 50696-703
- Degradation and stabilisation of polymers**; Dubrovnik, Yugoslavia, 4-6 Oct. 1978, [July 1980] 44710 (introductory abstract), 48395-9, 48544-5, 48651, 48680, 48711-12
- Devices and systems for optical signal processing**; Los Angeles, CA, USA, 6-7 Feb. 1980, [*SPIE*] [1980] 22946 (introductory abstract), 24362-7, 24447-8, 24477-8, 24486-92, 24532-4, 24604, 27307
- Digital signal processing techniques and applications**; Johannesburg, South Africa, 14 June 1978, [July 1980] 9385
- Display technology, Cherry Hill**; Cherry Hill, NJ, USA, 21-23 Oct. 1980, [*IEEE; SID*] [New York, USA: IEEE 1980] 11165, 11631, 15241
- Doppler US systems**; London, England, 7 Oct. 1980, [*IEE; Hospital Physicists' Assoc.*] [London, England: IEE 1980] 17941 (introductory abstract), 22090-7
- Dosimetry methods for fuels, cladding, and structural materials.II**; Ispra, Italy, 1-5 Oct. 1979, [*ASTM; Joint Res. Centre of the Comm. European Communities; et al*] [Luxembourg: Comm. European Communities 1980] 50708-9, 50751, 50783-5, 50897, 50916, 50980-91
- Dynamical Astronomy Division Meeting**; College Park, MD, USA, 18-20 June 1980, [1980] 36446 (introductory abstract)
- Dynamics of planets and satellites**; Cambridge, England, 17-19 Aug. 1976, [*V. Sebeheky (editor/s)*] [Dordrecht, Netherlands: Reidel 1978] 36461 (introductory abstract), 40314, 40329-46, 40364-6, 40375-6, 40381-2
- Dynamics of synergistic systems**; Bielefeld, Germany, 24-29 Sept. 1979, [*H. Haken (editor/s)*] [Berlin, Germany: Springer-Verlag 1980] 22952 (introductory abstract)
- Eastern EEG**; Mont Gabriel, Quebec, Canada, 1-4 March 1979, [Aug. 1980] 13910 (introductory abstract)
- EEG and clinical neurophysiology**; Paris, France, 1 March 1978, [Aug. 1980] 13907 (introductory abstract)
- Electric machines numerical control and regulation**; Lyon, France, 28-30 April 1980, [*AEI; AFCE; et al*] [Ecully, France: Ecole Centrale de Lyon 1980, Fr 200.00] 5428
- Electrical contacts**; Chicago, IL, USA, 10-12 Sept. 1979, [*Illinois Inst. Technol.*] [Chicago, IL, USA: Illinois Inst. Technol. 1979, \$35.00] 47349
- Electrical/electronics conference**; Cleveland, OH, USA, 5-7 June 1979, [*IEEE*] [New York, USA: IEEE 1980] 236, 4043, 4669
- Electrical, magnetic and optical properties of glasses**; Troy, NY, USA, 22-24 Aug. 1979, [July 1980] 163, 320, 1572, 1661, 1668, 1705, 2334-6, 2551, 2850, 3136-7, 3141-2, 3148-50, 3241-3, 3306-7, 3351-3, 3373, 3385-7, 3428, 3460-2, 3497, 7086, 8060, 8083
- Electro-optics/Laser International**; Brighton, England, 25-27 March 1980, [*H.G. Jerrard (editor/s)*] [Guildford, England: IPC Sci. & Technol. Press 1980] 40601 (introductory abstract), 40758-9, 40846-7, 41451, 41530, 41617-18, 41646-8, 41740-6, 41760, 41814, 41819-20, 41866-8, 41872-4, 41878-9, 41897-9, 41994, 42111-14, 42190, 42213, 43715, 43729-30, 43899, 44031, 44061-2, 44350
- Electrochemical test methods for stress corrosion cracking**; Firminy, France, 19-21 Sept. 1978, [1980] 31715-20, 31778
- Electromagnetic compatibility**; Baltimore, MD, USA, 7-9 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 17681, 17713, 22480, 24543, 27023
- Electromagnetic waves**; Munich, Germany, 26-29 Aug. 1980, [Munich, Germany: Internat. URSI Symposium 1980] 17 (introductory abstract)
- Electron devices**; Washington, DC, USA, 8-10 Dec. 1980, [*IEEE*] [New York, USA: IEEE 1980] 40782, 40828, 40858, 41706-8, 41747-9, 41880, 41892, 42115, 42188, 42771, 42790, 42876, 43132, 43257, 43745, 43776-83, 43787, 44911, 48286
- Electron microscopy.I**; Toronto, Canada, 1-9 Aug. 1978, [*J.M. Sturgess (editor/s)*] [Toronto, Canada: Microscopical Soc. Canada 1978] 403, 2298
- Electron microscopy 1980**; Melbourne, Australia, 18-22 Feb. 1980, [1980] 27655 (introductory abstract)
- Electron Microscopy Society of America**; San Francisco, CA, USA, 4-8 Aug. 1980, [*G.W. Bailey (editor/s)*] [Baton Rouge, LA, USA: Claitor's Publishing Div. 1980] 40602 (introductory abstract)
- Electron microscopy treatment of images**; Poitiers, France, 4-6 June 1980, [Oct. 1980] 49875 (introductory abstract), 50278-83, 51380, 52028, 53751, 53924, 53939-42
- Electronic components**; San Francisco, CA, USA, 28-30 April 1980, [*IEEE; Electron. Ind. Assoc.*] [Dec. 1980] 37506, 39772
- Electronic connectors**; Philadelphia, PA, USA, 8-9 Oct. 1980, [*AMP, Inc.; Belden Corp.; et al*] [Fort Washington, PA, USA: Electron. Connector Study Group, Inc. 1980, \$30.00] 41869-70, 43403-4, 43529-31, 43617, 43642
- Electronic properties of two-dimensional systems**; Lake Yamanaka, Japan, 3-6 Sept. 1979, [Aug. 1980] 5024 (introductory abstract), 7411-21, 7479-80, 7618-19, 7631, 7690-5, 7720-5, 7747-56, 12137, 12151, 12168-77, 12186, 12194-209, 12482, 12506-7, 12516-17, 12585, 12613
- Electronic systems for remote sensing and ranging**; Rome, Italy, 10-12 March 1980, [Rome, Italy: Rassegna Internazionale Elettronica Nucleare ed Aerospaziale 1980] 239
- Electronics and aerospace systems**; Arlington, VA, USA, 29 Sept. - 1 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 29446, 29497, 29502-3, 32275, 32482, 32521, 32563-8, 32599-602, 32625-6
- EM induction in Earth and Moon**; Murnau, Germany, 7-13 Sept. 1978, [*Internat. Assoc. Geomagnetism and Aeronomy*] [Sept. 1980] 17928 (introductory abstract), 22204-7, 22240, 22273-5, 22323, 22519, 22698

- Emerging nuclear energy systems;** Lausanne, Switzerland, 8-11 April 1980, [1980] 3 (introductory abstract), 794, 879-87, 5774, 5858, 5977, 5989-91, 6869
- Emerging nuclear energy systems;** Lausanne, Switzerland, 8-11 April 1980, [1980] 18717, 18847, 18875, 18877-81, 18895-7, 18934, 19914, 19927, 19929, 19987
- Emission electronics;** Leningrad, Russia, Jan. 1979, [1979] 30285, 30530-1, 30545-7, 30806, 31241, 31247, 31252-5, 31296-9, 31303, 31317-18, 31903, 31924
- Energy alternatives;** Rolla, MO, USA, 16-18 Oct. 1979, [Missouri Dept. Natural Resources, Univ. Missouri-Rolla; et al.] J.D.Morgan (editor/s), [Rolla, MO, USA: Univ. Missouri-Rolla 1979] 32805 (introductory abstract), 32817, 33336, 33671, 33876, 35596-9, 35603-5, 35608-12, 35661, 35668-71, 35699-702, 35707-12, 35717, 35733, 35935, 35982, 36086, 43752, 44189
- Energy and ceramics;** Saint-Vincent, Italy, 28-31 May 1979, P.Vincenzini (editor/s), [Amsterdam, Netherlands: Elsevier 1980] 13927 (introductory abstract), 14636-9, 15355, 16087-8, 16097, 16117, 16361, 16538, 16674, 16707, 16728-49, 16763-4, 16797, 16893-4, 16906-7, 16932-5, 16981, 17017-18, 17193-5, 17208-11, 17221, 17224-5, 17227, 17322, 31446
- Energy conversion;** Seattle, WA, USA, 18-22 Aug. 1980, [ASME: AIAA; IEEE; et al.] [New York, USA: AIAA 1980] 48810 (introductory abstract), 45593-4, 45627, 45722, 46733, 48738, 48783, 48792-800, 48805, 48819-26, 48829-32, 48851-66, 48875-8, 48884-93, 48895-903, 48908-9, 48912-17, 48924-5, 50752, 50941-6, 51868, 52588-9, 53144, 53522, 53529-34, 53539-42, 53549-58, 53566-7, 53579-604, 53607, 53617-26, 53628-39, 53643-56, 53672-9, 53682-93, 53696-700, 53704-5
- Energy devices and processes, second law analysis;** Washington, DC, USA, 14-16 Aug. 1979, [Aug.-Sept. 1980] 13911 (introductory abstract), 14038-5, 14123-4, 14693, 15360, 15374, 17056, 17084-90, 17147, 17150, 17178-84, 17235-6, 17299-300
- Energy management;** Los Angeles, CA, USA, Oct. 1979, [1980] 27652 (introductory abstract)
- Energy systems analysis;** Dublin, Ireland, 9-11 Oct. 1979, R.Kavanagh (editor/s), [Dordrecht, Netherlands: Reidel 1980] 32808 (introductory abstract), 35613-33, 39709-25, 39742, 40185
- Engineering in medicine and biology;** Washington, DC, USA, 30 Sept. - 3 Oct. 1980, [Alliance for Eng. Med. Biol.] [Washington, DC, USA: Alliance for Eng. Med. Biol. 1980] 40603 (introductory abstract)
- Engineering problems of fusion research.III;** San Francisco, CA, USA, 13-16 Nov. 1979, [IEEE] [New York, USA: IEEE 1980] 904, 990
- Engineering problems of fusion research.IV;** San Francisco, CA, USA, 13-16 Nov. 1979, [IEEE] [New York, USA: IEEE 1980] 257, 905-34, 2226, 2247-9, 2258-9, 2530, 3091, 3220, 4042, 4115, 6003-34, 6036, 6065, 6980, 10527-44, 11122-3
- EUROCON'80;** Stuttgart, Germany, 24-28 March 1980, [EUREL; IEEE; VDE] W.A.Kaiser, W.E.Proebster (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$70.75] 53814, 53836, 53891, 53925, 53933, 53950-1
- Experimental meson spectroscopy;** Upton, NY, USA, 25-26 April 1980, [1980] 44689 (introductory abstract), 45201-3, 45246, 45252, 45269-70, 45290-1, 45315-16, 45322-7, 45335-6, 45342, 45353, 45358-64, 50443
- f-electron systems;** Philadelphia, PA, USA, 12-15 Nov. 1979, [NSF; USAF Office of Sci. Res.; Office of Naval Res.; Temple Univ.; RCA; Magnetic Metals Corp.; Air Products and Chemicals Inc.] J.E.Crow, R.P.Guerin, T.W.Mihalisin (editor/s), [New York, USA: Plenum 1980, \$69.50] 17940 (introductory abstract), 20297, 20329, 20350, 20384, 20433, 20641, 20652, 20669-73, 20681-8, 20705-6, 20708, 20938-43, 20968, 20972-3, 20975, 20983-5, 21030-1, 25432, 25666, 25673-6, 25679, 25698-9, 25721-2, 25842-5, 25853-6, 25878, 25887, 25910, 25929, 26033, 30721
- Ferroelastics;** Bologno, USSR, 30 Sept. - 3 Oct. 1978, [1979] 5016 (introductory abstract), 7153, 7225, 7238-44, 7263, 7284, 7286-9, 7317-20, 8006, 8020-1, 8048-51, 8144, 8166
- Few body problem;** Eugene, OR, USA, 17-23 Aug. 1980, [16 Feb. 1981] 49876 (introductory abstract), 49936-7, 49972, 49994, 50081, 50378-80, 50478, 50514-16, 50523-4, 50545, 50576, 50580-2, 50584, 50661, 51263, 51269-72, 51289, 51299, 51321
- Few body problems in nuclear and particle physics;** Sesimbra, Portugal, 3-6 June 1980, [Lisbon, Portugal: Centro de Fisica Nuclear 1980] 27668 (introductory abstract), 28203-5, 28241, 28292-5, 28302-7, 28324, 28331, 28339-41, 28343-5, 28380, 28390-5, 28400, 28404, 28422-32, 28460, 28470-2, 28480-3, 28486-7, 28491, 28503-4
- Fibre optics for communications and control;** Washington, DC, USA, 8-9 April 1980, [SPIE; IEEE; et al.] [1980] 36646-7, 37509, 37537, 37625, 41733
- Field emission;** Albuquerque, NM, USA, 17-22 July 1978, [1979] 17935 (introductory abstract)
- Field theoretical methods in particle physics;** Kaiserlautern, Germany, 13-24 Aug. 1979, [NATO: Bundes-Min. Forschung & Technol.; Landes-Min. Kultus] W.Ruhl (editor/s), [New York, USA: Plenum 1980, \$69.50] 27647 (introductory abstract), 27850, 28206-22, 28296-7, 28336
- Field theory and strong interactions;** Schlading, Austria, 20-29 Feb. 1980, [1980] 17925 (introductory abstract), 18355-7, 18426-30, 18488, 18495-6
- Fifth U.K. geophysical assembly;** Cambridge, England, 6-9 April 1981, [R. Astron. Soc.; Geol. Soc.; R. Meteorol. Soc.] [April 1981] 54084 (introductory abstract), 53975-8, 54006-9, 54027-8, 54052-4, 54085, 54149
- Focal plane technology;** Los Angeles, CA, USA, 4-5 Feb. 1980, [SPIE] [1980] 5376 (introductory abstract), 5377-401, 9370
- Free-electron generators of coherent radiation;** Telluride, CO, USA, 13-17 Aug. 1979, S.F.Jacobs, H.S.Pilloff, M.Sargent, M.O.Scully, R.Spitzer (editor/s), [Reading, MA, USA: Addison-Wesley 1980] 9768 (introductory abstract), 10898-902, 10951, 10957-75, 15061, 15138-43
- French EEG;** Monaco, 9-10 June 1978, [Aug. 1980] 17927 (introductory abstract)
- Frequency control;** Atlantic City, NJ, USA, 30 May - 1 June 1979, [Washington, DC, USA: Electronic Industries Assoc. 1979] 13932 (introductory abstract), 14016, 14052, 14093, 14104, 15356-7, 15927, 15933-4, 16098, 16164, 16529-30, 16676, 16936-8, 18197-200, 19310-12, 19372, 21132-4, 22964, 23191-2, 24338, 24382-3
- Fuzzy set theory and applications;** Durham, NC, USA, 28-30 June 1980, P.P.Wang, S.K.Chang (editor/s), [New York, USA: Plenum 1980] 49434
- Gas discharges;** Edinburgh, Scotland, 8-11 Sept. 1980, [IEEE] [London, England: IEEE 1980] 13934 (introductory abstract)
- Gas discharges.I;** Edinburgh, Scotland, 8-11 Sept. 1980, [IEEE] [London, England: IEEE 1980] 10557, 11439, 11495-507, 11511, 11617-30, 12454-5, 15325-6, 15688-713, 16524, 16639, 20009-14, 21651
- Gas discharges.II;** Edinburgh, Scotland, 8-11 Sept. 1980, [IEEE] [London, England: IEEE 1980] 14181, 14774, 15025, 15152, 15161-3, 15577-91, 15607, 15613, 15622, 15627-9, 15638-9, 15654-7, 15659-60, 15714-43, 17110, 17680
- Gas-flow and chemical lasers;** Marseille, France, 8-12 Sept. 1980, [Minist. Univ.; Delegation Gen. Recherche Sci.; et al.] [Nov. 1980] 36451 (introductory abstract), 37455-6, 37487-91, 37559-60, 38147, 39188-90, 40193-7, 41657-8, 41669, 41677-81, 41724-7, 42121, 42236, 42523-4, 43222-4, 44297, 45983, 46092, 46285-8, 46305-7, 46322-9, 46364-5, 46378-81, 46393-6, 46416-17, 46491-2, 46494
- Gaseous dielectrics;** Knoxville, TN, USA, 9-13 March 1980, L.G.Christophorou (editor/s), [Oxford, England: Pergamon 1980] 5031 (introductory abstract), 6920-1, 7026-35, 11493-4, 11610-16, 15683-7, 19994-20008
- Gaseous electronics;** Norman, OK, USA, 7-10 Oct. 1980, [Univ. Oklahoma; American Phys. Soc.] [Norma, OK, USA: Univ. Oklahoma 1980] 36457 (introductory abstract), 37110, 37135-7, 37142, 37144, 37180, 37250-1, 37267, 37271, 37276, 37279-82, 37305-7, 37319, 37325-6, 37328-9, 37331-2, 37334-46, 37348, 37367, 37380, 37457-8, 37466-85, 38044-7, 38050, 38057-8, 38065-6, 38103, 38114, 38122, 38129, 38134, 38151-7, 38161, 38175-99, 39589-90, 39629-35, 39645, 41396, 41458, 41475-6, 41487, 41489-90, 41498, 41663, 41672-5, 42181, 42249-53, 43663-5, 44388, 46030
- Gauge theories;** Mexico City, Mexico, 10-14 Dec. 1979, [Dec. 1980] 44691 (introductory abstract), 44821, 44826-7, 45103-7
- Geometric methods in mathematical physics;** Lowell, MA, USA, 19-23 March 1979, G.Kaiser, J.E.Marsden (editor/s), [Berlin, Germany: Springer-Verlag 1980] 22951 (introductory abstract), 22994, 23017, 23027, 23055, 23075, 23094-5, 23449
- Geometrical and topological methods in gauge theories;** Montreal, Canada, 3-8 Sept. 1979, J.P.Harnad, S.Schneider (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$14.30] 32802 (introductory abstract), 32887-91, 33112-21, 33311, 34827
- Geophysics in the Americas;** Ottawa, Canada, Sept. 1976, [1977] 44700 (introductory abstract)
- Glass science;** Los Angeles, CA, USA, 16-18 July 1980, [Oct. 1980] 27653 (introductory abstract), 29360-2, 29365, 29391-3, 29412, 30056-61, 30067-78, 30103, 30360, 30367, 30392, 30454-5, 30615-16, 30743-4, 31032, 31139-40, 31173, 31211, 31240, 31306-7, 31408-11, 31414, 31516, 31599, 31697-701, 31849, 31907, 31935, 34704
- Globular clusters;** Cambridge, England, Aug. 1978, D.Hanes, B.Madore (editor/s), [Cambridge, England: Cambridge 1980] 22955 (introductory abstract)
- Graphite intercalation compounds;** Provincetown, MA, USA, 19-23 May 1980, [US Army Res. Office; Nat. Sci. Found.; et al.] [Nov. 1980] 32798 (introductory abstract), 34261, 34329-31, 34420, 34441, 34460, 34474, 34584, 34755, 35119, 35200, 38534, 38734, 39101
- Graphite intercalation compounds;** Provincetown, MA, USA, 19-23 May 1980, [US Army Res. Office; NSF; et al.] [Dec. 1980] 37379, 38554, 38703, 38705, 38763, 38768-9, 38904, 38989, 38992, 39000-1, 39053, 39333, 39619-22, 39671, 42363-4, 42368, 42550, 42677-9
- Graphite intercalation compounds;** Provincetown, MA, USA, 19-23 May 1980, [US Army Res. Office; NSF; et al.] [Feb. 1981] 47135, 47433, 47453, 47521-2, 47584, 47627-9, 47960, 48094, 48207-8, 48238-9, 48290-1, 48682
- Group theoretical methods in physics;** Kiryat Anavim, Israel, 25-29 March 1979, [1980] 5013 (introductory abstract), 5082-5, 5106, 5108, 5123-36, 5169-70, 5456-66, 5518-29, 5541, 5548-9, 5561, 5684, 5710, 7113-21, 9936, 12373
- Hadronic matter at extreme energy density;** Erice, Italy, 13-21 Oct. 1978, N.Cabibbo, L.Sertorio (editor/s), [New York, USA: Plenum 1980, \$42.50] 17939 (introductory abstract), 18128-9, 18389-94, 18424-5, 18451, 18456, 18502, 18509, 18514, 18530-1, 18590-1, 18631, 18656
- Hall effect and applications;** Baltimore, MD, USA, 13 Nov. 1979, [Johns Hopkins Univ.; Micro Switch Div. Honeywell] C.L.Chien, C.R.Westgate (editor/s), [New York, USA: Plenum 1980, \$59.50] 32807 (introductory abstract), 32828-31, 32950, 33011, 34686-93, 34726-8, 34804, 36096
- Health care engineering;** Washington, DC, USA, 28-30 Sept. 1980, [IEEE] [New York, USA: IEEE 1980] 27683 (introductory abstract), 27694, 29481, 32084-6, 32100, 32111-15, 32124, 32148, 32152, 32219, 32228-9, 32245-6, 32276-92, 32304, 32306, 32311-17, 32332-7, 35740, 35762, 35876-7, 35904-6, 35912, 35915-17, 35926-7, 43864
- Heat pump technology and applications;** Dusseldorf, Germany, 18-20 June 1980, [July-Sept. 1980] 35675 (introductory abstract), 35676-94
- Heat transfer and fluid mechanics;** Los Angeles, CA, USA, 23-25 June 1980, M.Gerstner, P.R.Choudhry (editor/s), [Stanford, CA, USA: Stanford Univ. Press 1980] 27678 (introductory abstract), 28679, 29649, 29663-4, 29696-9, 29715, 29729, 29773, 29788-9, 29796-9, 34553
- Heavy ion interactions at high energies;** Erice, Italy, 26 March - 6 April 1979, [1980] 13917 (introductory abstract), 14487, 14544-55, 14987-8, 15004
- High energy physics;** Geneva, Switzerland, 24 June - 4 July 1979, [Geneva, Switzerland: CERN 1979, Sw.Fr. 30.00] 5026 (introductory abstract)
- High energy physics.I;** Geneva, Switzerland, 24 June - 4 July 1979, [Geneva, Switzerland: CERN 1979] 9906, 10091-2, 10106-7, 10136, 10173-5, 10186-7, 10189-94, 10199, 10207-9, 10217, 10235-43, 10856, 13900, 14406-7
- High energy physics.II;** Geneva, Switzerland, 24 June - 4 July 1979, [Geneva, Switzerland: CERN 1979] 10093-4, 10176-7, 10183, 10218, 10227-9, 10245, 10247-8, 10252, 10254, 10256, 10262, 10280-8, 10556, 14413, 14422, 14424
- High energy physics, recent developments;** Coral Gables, FL, USA, 14-17 Jan. 1980, A.Permutter, L.F.Scott (editor/s), [New York, USA: Plenum 1980, \$39.50] 44712 (introductory abstract), 45148-50, 45193-6, 45240-3, 45248, 45275, 45278, 45281, 45380, 45435, 45949, 49873
- High pressure science and technology;** Le Creusot, France, 30 July - 3 Aug. 1979, [European Phys. Soc.; et al.] B.Vodar, P.Marteau (editor/s), [Oxford, England: Pergamon 1980, \$200.00] 27672 (introductory abstract)
- High pressure science and technology.I;** Le Creusot, France, 30 July - 3 Aug. 1979, [European Phys. Soc.; et al.] B.Vodar, P.Marteau (editor/s), [Oxford, England: Pergamon 1980] 27693, 27973, 28002-12, 28019, 28147-9, 29079, 29149, 29242, 29953, 29997-9, 30126-7, 30307, 30326-7, 30357, 30384-6, 30409, 30431, 30485, 30498-500, 30634-5, 30737, 30739, 30766, 30898, 30929, 30942-4, 31105, 31161, 31203, 31821, 32385, 32416, 32558, 32653, 32698, 32953-4, 32995-7, 33428, 34270, 34274-5, 34349, 34354, 34395-8, 34403-3, 34421-5, 34451, 34461-3, 34475-7, 34495, 34518, 34607, 34700-1, 34756, 34823,

- 34836, 34995, 35007, 35059-60, 35120-1, 35169, 35173, 35201-4, 35210-14, 35220, 35226-7, 35237, 35245, 35253, 35338-40, 35385-6, 35500
- High pressure science and technology.II;** Le Creusot, France, 30 July - 3 Aug. 1979, (*European Phys. Soc. et al*) B.Vodar, P.Marteau (editor/s), [Oxford, England: Pergamon 1980] 36674-6, 37013, 37018, 37216, 37295, 37315, 37359, 37968, 38036-7, 38039, 38042, 38048-9, 38056, 38272, 38291, 38425-7, 38454-66, 38471, 38483, 38493-4, 38497-500, 38503-4, 38506-7, 38512-13, 38519-20, 38535, 38556, 38570-2, 38611-15, 38622, 39004, 39026, 39040, 39052, 39103-8, 39296, 39318, 39334, 39360, 39452, 39583, 40125, 41390, 41528-9, 42454, 42465-6, 42502, 42507, 42702, 42739-40, 43131, 43151, 43182, 43856, 43858, 44156, 44175-7
- High resolution electron microscopy applications in materials science;** Cambridge, England, March 1979, [May 1980] 9763 (introductory abstract), 11676-8, 11685, 14213, 15767, 15769, 15800-2, 15805, 15909, 16193, 16781, 30010, 30124, 30248
- Holographic advances;** Los Angeles, CA, USA, 4-5 Feb. 1980, [*SPIE*] [1980] 13921 (introductory abstract), 13987, 14176, 15114-30, 15229, 15253, 15354, 19298-9, 19517
- Hospital physics;** Leeds, England, 24-27 Sept. 1980, [Jan. 1981] 40594 (introductory abstract)
- HR diagram;** Washington, DC, USA, 2-5 Nov. 1977, A.G.D.Philip, D.S.Hayes (editor/s), [Dordrecht, Netherlands: Reidel 1980] 13937 (introductory abstract), 17825-33, 17842-3, 17858-9, 22790-1, 22808-9, 22825, 22901, 22752
- Human factors;** Los Angeles, CA, USA, Oct. 1980, G.E.Corrick, E.C.Haseltine, R.T.Durst Jr. (editor/s), [Santa Monica, CA, USA: Human Factors Soc. 1980] 43900-1
- Hungarian EEG;** Pecs, Hungary, 26-28 Jan. 1978, [Aug. 1980] 13906 (introductory abstract)
- Hurricanes and tropical meteorology;** Miami Beach, FL, USA, 1-5 Dec. 1980, [Sept. 1980] 40590 (introductory abstract)
- Hybrid microelectronics;** Ghent, Belgium, 21-23 May 1979, [Aug. 1980] 2707
- Hybrid microelectronics;** Ghent, Belgium, 21-23 May 1979, [Oct. 1980] 28814, 30840, 30842, 31344, 31377, 32011, 35174, 35178
- Hydrogen as an energy vector;** Brussels, Belgium, 12-14 Feb. 1980, A.A. ImarisioStrub G. (editor/s), [Dordrecht, Netherlands: Reidel 1980] 36459 (introductory abstract), 39546, 39650-1, 39836-49, 42574, 43532-4, 43618, 43675-80, 43736, 43755, 43817-31
- IAU seventeenth general assembly;** Montreal, Que. Canada, Aug. 1979, P.A.Wayman (editor/s), [Dordrecht, Netherlands: Reidel 1980] 40604 (introductory abstract)
- Imaging processes and coherence in physics;** Les Houches, France, March 1979, M.Schlenker, M.Fink, J.P.Goedebuer, C.Malgrange, J.Ch.Vienot, R.H.Wade (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$34.90] 36456 (introductory abstract), 36533-4, 36634, 36738, 36775-6, 36781-3, 36955, 36979, 37046-7, 37398-9, 37432-3, 37445, 37453, 37627, 37660, 37680, 38204-5, 38207-8, 38210, 38214, 38256, 38421, 38479, 39064, 39180, 39584, 40033-4, 40357, 40660, 40906-8, 40919-20, 41280, 41551, 41616, 42257-9, 42265, 43190, 43641, 43894, 43932, 43945, 43996-8
- Impurity bands in semiconductors;** Wurzburg, Germany, 8-11 Oct. 1979, [Dec. 1980] 44702 (introductory abstract), 4474-80, 47563, 47572-4, 47651-3, 47716, 47745, 47753, 47959, 48083, 48126-7
- In-situ high voltage electron microscopy;** Saale, German Democratic Republic, 2-6 April 1979, [1979] 22949 (introductory abstract)
- In Situ HVEM;** Halle, Germany, 2-6 April 1979, [1979] 9 (introductory abstract), 389-94, 2447-50, 2457, 2514-17, 3898-9, 5441
- Industrial applications of power, IEEE conference;** Cincinnati, OH, USA, 28 Sept. - 3 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 14679 (introductory abstract)
- Industrial applications of power, IEEE conference.I;** Cincinnati, OH, USA, 28 Sept. - 3 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 14680-4
- Industrial applications of power, IEEE conference.II;** Cincinnati, OH, USA, 28 Sept. - 3 Oct. 1980, [*IEEE*] [New York, USA: IEEE 1980] 14169, 18318-24, 17922-3, 19925-6, 20015-23, 20854-6, 21344, 21728, 21794
- Information processing 80;** Tokyo, Japan, 6-9 Oct. 1980, S.Lavington (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$102.50] 19544, 19681
- Infrared imaging systems technology;** Washington, DC, USA, 10-11 April 1980, [*SPIE*] [1980] 22947 (introductory abstract), 23243, 24512-24, 24540, 27250, 27359-60, 27398
- Infrared lasers;** Los Angeles, CA, USA, 3-5 Dec. 1980, (*Army Res. Office: Dept. Energy; Nat. Sci. Found.; et al*) [Washington, DC, USA: Opt. Soc. America 1980] 44716 (introductory abstract), 45039-40, 46045-6, 46278-9, 46291-3, 46314-20, 46328-30, 46358-60, 46400-3, 46438, 46456-8, 51463, 51467-71, 51498, 51512
- Intense light hazards;** Houston, TX, USA, 25-26 Oct. 1979, (*Univ. Texas*) [1980] 32799 (introductory abstract), 35816-17, 35867
- International space ventures;** Washington, DC, USA, 28-30 March 1979, W.C.Hayes Jr. (editor/s), [San Diego, CA, USA: AAS 1980] 27679 (introductory abstract)
- Ion beam modification of materials;** Budapest, Hungary, 4-8 Sept. 1978, [1980] 2484-6, 2495, 2501, 2532-4, 2544, 2990, 3054, 3913, 3938, 7194-5, 7217-18, 7393, 7663, 7734, 11184, 11743, 11775-80, 11794-5, 11798, 11915, 11986, 12125, 12242, 12472, 12618
- Ionizing radiation non-stochastic effects;** England, 4 March 1980, [Jan. 1981] 27650 (introductory abstract)
- IR image sensor technology;** Washington, DC, USA, 8-9 April 1980, [1980] 36719, 39228, 40356
- Laminar-turbulent transition;** Stuttgart, Germany, 16-22 Sept. 1979, (*Internat. Union of Theor. Appl. Mech.; Univ. Stuttgart; et al*) R.Eppler, H.Fasel (editor/s), [Berlin, Germany: Springer-Verlag 1980] 36458 (introductory abstract), 37882-4, 37891-7, 42017-29, 42032-49
- Large European scientific projects;** Rome, Italy, 26-27 March 1979, [Petit-Lancy, Switzerland: European Phys. Soc. 1979] 13925 (introductory abstract), 14698, 14713-14, 14716, 17772-3
- Large scale universal structure;** Tallinn, USSR, 12-16 Sept. 1977, M.S.Longair, J.Einasto (editor/s), [Dordrecht, Netherlands: Reidel 1978] 5032 (introductory abstract), 9387, 9675-81, 9684-96, 9703, 9718-19, 9741-2, 9753-6
- Laser advances and applications;** Edinburgh, Scotland, 19-21 Sept. 1979, (*IOP: Chem. Soc.; IEE*) B.S.Wherrett (editor/s), [Edinburgh, Scotland: Wiley 1980] 27669 (introductory abstract), 28070-1, 28703, 28897, 28901, 28905, 28941, 28991, 29028-30, 29060, 29068, 29248, 29268-70, 29287, 29290-1, 29297-300, 29303, 29308, 29326-8, 29342-5, 29347, 29380, 29893-4, 29897, 29914-17, 30331, 31160, 31958, 32101, 32180
- Laser induced damage in optical materials;** Boulder, CO, USA, 30-31 Oct. 1979, (*NBS: ASTM: Office of Naval Res.; et al*) [Washington, DC, USA: NBS 1980] 27677 (introductory abstract), 28077, 29309-15, 29352-9, 30603, 31166, 31219-20, 33734, 36742, 37516, 37524-33, 37543, 37571-2, 37588, 37595-6, 39192-5
- Laser scanning and recording for graphic arts and publications;** Washington, DC, USA, 10-11 April 1980, [*SPIE*] [1980] 37508, 37573-4
- Laser scanning and recording for image and data handling;** Washington, DC, USA, 8-9 April 1980, [1980] 44704 (introductory abstract), 45051-4, 46245-9, 46412, 46421, 46474-6, 46548-9
- Lattice defects in ionic crystals;** Canterbury, England, 17-21 Sept. 1979, [July 1980] 2424, 2428-9, 2436-7, 2493, 2498-9, 2507, 2512-13, 2527-8, 2581-2, 2618, 2639-42, 2650, 2679-86, 2715, 2909, 2928, 2959-60, 3013, 3032, 3245, 3258-9, 3286, 3294, 3298-9, 3320-1, 3325-7, 3331, 3392-6, 3440-1, 3466-9, 3498, 3500-2, 3530, 4112, 7436
- Lens design;** Oakland, CA, USA, 31 May - 4 June 1980, [*SPIE*] [1980] 44707 (introductory abstract), 44744, 45055-61, 46219-21, 46251-4, 46499-532, 46533, 5025-3, 51574, 51588-93, 51597, 51604, 51645
- Light scattering by irregularly shaped particles;** Albany, NY, USA, 5-7 June 1979, D.W.Schuerman (editor/s), [New York, USA: Plenum 1980] 5028 (introductory abstract), 5354, 6431-2, 6455-8, 6473-87, 8783, 8900, 9233-6, 9255-7, 9293, 10926-8, 13656
- Liquid and amorphous metals;** Grenoble, France, 7-11 July 1980, [Aug. 1980] 22943 (introductory abstract), 25131-3, 25143-50, 25165-8, 25173-9, 25373, 25412, 25440, 25449-50, 25453, 25475-9, 25483-6, 25491, 25497, 25605-6, 25618-20, 25633-4, 25680, 25688-9, 25705, 25727, 25770-6, 25867, 25875, 25901-5, 25927, 25931, 25970, 25982-7, 25991, 26036-7, 26052-7, 26064, 26088-90, 26198, 26386, 26394, 26418-20, 26442, 30028, 30032-46, 30063-4, 30084-91, 30290, 30341-2, 30353, 30376, 30395-8, 30410, 30423-4, 30525-7, 30559, 30575, 30606, 30612, 30614, 30617-20, 30692-710, 30722, 30727-8, 30735, 30745, 30799, 30862-4, 30878-80, 30882, 30893-4, 30908, 30931, 30936, 30957, 30970, 30982-3, 31047, 31054, 31072-4, 31121-13, 31123, 31225, 31231-4, 31312, 31319, 31307, 33307, 34363, 34370-1, 34394, 34493, 34572, 34675, 34881, 35228, 35296-7, 35321, 35353-5, 35425-7
- Liquid crystal devices;** San Jose, CA, USA, 7-8 Feb. 1979, G.J.Sprokel (editor/s), [New York, USA: Plenum 1980, \$42.50] 38273 (introductory abstract), 38274-84, 38521, 39175, 39249
- Low dimensional solids;** Tomar, Portugal, 26 Aug. - 7 Sept. 1979, L.Alcacer (editor/s), [Dordrecht, Netherlands: Reidel 1980] 40600 (introductory abstract), 42365, 42369-71, 42481, 42712, 42756-66, 42938, 42998-9, 43292, 52167, 52465, 52552-3
- Luminescence in phosphor crystals;** Lvov, USSR, 20-23 Sept. 1978, [1979] 9760 (introductory abstract), 11005, 12539-62, 12586, 12961
- Machine processing of remotely sensed data and soil information systems and remote sensing and soil survey;** West Lafayette, IN, USA, 3-6 June 1980, [*IEEE*] [New York, USA: IEEE 1980] 5329-30, 9159-62, 9191-2, 9296-303
- Magnetic materials and components in communications engineering and data transmission;** Bad Nauheim, Germany, 16-18 April 1980, [1980] 27658 (introductory abstract), 30971-2, 30984, 30994-5, 31008-9, 31033
- Magnetics;** Boston, MA, USA, 21-24 April 1980, [Sept. 1980] 5019 (introductory abstract), 5276, 5294, 5310, 5345, 6423-5, 5757, 7587-8, 7871, 7874-5, 7887-94, 7898, 7901, 7905-19, 7926-8, 7930, 7951-4, 8215-16, 8222, 8226, 8242, 8251-3, 8257, 8272, 8440-1, 8448, 8497, 8887-8, 8940-1, 9346, 10521, 10885-6, 11027, 11077-8, 11681-2, 12266, 12280-1, 12283-4, 12338-9, 12341-51, 12358, 12360-2, 12367-70, 12374-5, 12381-3, 12406, 12478, 12651, 12658, 12688, 12765, 12945, 13263, 13351, 16459, 21058
- Manpower in nuclear power programmes;** Saclay, France, 2-6 April 1979, [*IAEA*] [Vienna, Austria: IAEA 1980] 5044-5, 5843, 5976, 5988
- Marine coastal zone;** Lubiatowo, Poland, April 1977, [1980] 5023 (introductory abstract)
- Measurement and control;** Zagreb, Yugoslavia, 1980, [1980] 863, 4166, 4213
- Measurement and control;** Zagreb, Yugoslavia, 1980, [1980] 230-1, 341-2, 1002, 1678, 4659-60, 4775
- Measurement for progress in science and technology;** Moscow, USSR, 21-27 May 1979, J.Solt, T.Kemeny (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$219.50] 27675 (introductory abstract)
- Measurement for progress in science and technology.I;** Moscow, USSR, 21-27 May 1979, J.Solt, T.Kemeny (editor/s), [Amsterdam, Netherlands: North-Holland 1980] 23144-56, 23161, 23172-80, 23186-7, 23209-17, 23256, 23295-300, 23306, 23400, 26009, 26711, 26799
- Measurement for progress in science and technology.II;** Moscow, USSR, 21-27 May 1979, J.Solt, T.Kemeny (editor/s), [Amsterdam, Netherlands: North-Holland 1980] 27910, 27932-4, 27956-63, 27977-9, 27985-90, 27993-5, 28020-37, 28053, 28063-4, 29524, 29814-18, 31822, 31871, 31959-64, 32073-9, 32297-303, 32305, 32331, 32560-2
- Measurement for progress in science and technology.III;** Moscow, USSR, 21-27 May 1979, J.Solt, T.Kemeny (editor/s), [Amsterdam, Netherlands: North-Holland 1980] 23142, 23157-9, 23162-3, 23181-3, 23188, 23218-20, 23222-3, 23238-40, 23257, 23271-5, 23280-1, 23286, 23301, 23943, 24634, 24903-7, 25071, 26712-13, 26800-2, 27165, 27964, 27980, 28042, 28589, 29496, 33009
- Mechanical behaviour of materials;** Cambridge, England, 20-24 Aug. 1979, K.J.Miller, R.F.Smith (editor/s), [Oxford, England: Pergamon 1980, \$225.00] 27673 (introductory abstract)
- Mechanical behaviour of materials.I;** Cambridge, England, 20-24 Aug. 1979, K.J.Miller, R.F.Smith (editor/s), [Oxford, England: Pergamon 1980] 31321, 31581-2, 31662-6, 31711, 31769-70
- Mechanical behaviour of materials.II;** Cambridge, England, 20-24 Aug. 1979, K.J.Miller, R.F.Smith (editor/s), [Oxford, England: Pergamon 1980] 34410-16, 35341-3, 35387-94, 37816, 39394-407, 39453-60, 39542-5, 43368-9, 43387, 43461-3, 43516-19, 43564-6, 43613-16
- Mechanical behaviour of materials.III;** Cambridge, England, 20-24 Aug. 1979, K.J.Miller, R.F.Smith (editor/s), [Oxford, England: Pergamon 1980] 43307, 43337, 43357, 43464-71, 43520-7, 43640, 46711-13, 47152, 47165-8, 48354, 48454-6, 48505-18, 48640-3, 53253, 53297
- Medical and biological illustration;** London, England, 1980, [5 Sept. 1980] 13905 (introductory abstract)
- Medical and biological lasers;** Florence, Italy, 3-6 Sept. 1979, R.Pratesi, C.Sacchi (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$29.50] 32806 (introductory abstract), 35074, 35742, 35748-53, 35759-60, 35808-9, 35824-8, 35839-42, 35870-5, 35965, 39986
- Medical and biological physics;** Pretoria, South Africa, 14-18 April 1980, [Jan. 1981] 49874 (introductory abstract)

- Medical optical instrumentation**; Las Vegas, NV, USA, 20-22 April 1980, [*SPIE*] 1980] 40597 (introductory abstract), 40913-16, 43898, 43930, 43942-3, 43967-90, 44017-24, 44028
- Medical optics and photonics**; Strasbourg, France, 26-30 Nov. 1979, [*SPIE*] 1979] 5022 (introductory abstract), 6502, 8615, 8876, 8882, 8907-11, 8958-74, 9064-7
- Megagauss magnetic fields**; Washington, DC, USA, 30 May - 1 June 1979, *P.J. Turchi (editor/s)*, [New York, USA: Plenum 1980] 32961, 32982, 32998, 33012-28, 33087-8, 33350, 33357, 33983, 34057-60, 34097, 34109-13, 34116, 34129, 34180-1, 34757, 35533, 37969, 38104, 38130, 38135-6
- Metal hydrides, properties and applications**; Colorado Springs, CO, USA, 7-11 April 1980, [Sept. 1980] 6 (introductory abstract), 2631-4, 2654-6, 2783-4, 2803-7, 3303, 3705, 3744, 4046, 4068-72, 4108
- Metal hydrides, properties and applications**; Colorado Springs, CO, USA, 7-11 April 1980, [1 Oct. 1980] 20103, 20119-24, 20140-2, 20255, 20312, 20339, 20388, 20418, 20552-4, 20614, 20622-3, 20634, 20674, 20698-9, 20956-7, 20962, 20964, 20970, 21045, 21157
- Metal hydrides, properties and applications**; Colorado Springs, CO, USA, 7-11 April 1980, [15 Oct. 1980] 18236, 18238, 20125, 20340, 20354-5, 20389-90, 20442, 20459-63, 20555-9, 20653, 20700, 20899, 21382, 21577, 21714-15, 21766-7, 21874-5, 21889, 21891, 21928, 21933-9
- Metal hydrides, properties and applications**; Colorado Springs, CO, USA, 7-11 April 1980, [15 Sept. 1980] 2808, 2863, 3273, 3277, 3279-85, 3292, 3304-5, 7132-6, 7460, 7511, 7765-7, 7967-8, 7978-80, 8275
- Metallurgical coatings**; San Diego, CA, USA, 21-25 April 1980, [15 Sept. 1980] 9765 (introductory abstract), 11749, 11966, 11983, 11992-2000, 12190, 12536, 12594-5, 12671, 12915, 12996, 13078, 13104, 13175-7
- Metallurgical coatings**; San Diego, CA, USA, 21-25 April 1980, [1 Oct. 1980] 11916, 12001-4, 12653-5, 12662-3, 12668-9, 12672, 12784, 12872, 12932-4, 12959-60, 13038, 13105, 16721
- Metallurgical coatings**; San Diego, CA, USA, 21-25 April 1980, [15 Oct. 1980] 12526, 16100, 16195, 16211-14, 16388-9, 16540, 16682, 16690, 16697-8, 16701-2, 16704, 16903, 16979, 30486
- Metallurgical coatings**; San Diego, CA, USA, 21-25 April 1980, [3 Nov. 1980] 18769-70, 18891-3, 19395, 19405-6, 20267-9, 20279, 20430, 20542, 21287, 21321-2, 21343, 21349, 21379, 21531, 21587-8, 21598, 21617, 21643-50
- Metallurgical coatings**; San Diego, CA, USA, 21-25 April 1980, [17 Nov. 1980] 30319-20, 30489, 30497, 30590-7, 31158-9, 31362, 31366, 31630-3, 31680-6, 31708-10, 31756-63, 34624, 35414
- Methods and applications in adaptive control**; Bochum, Germany, 20-21 March 1980, *H. Unbehauen (editor/s)*, [Berlin, Germany: Springer-Verlag 1980] 44409
- Microcomputers, minicomputers and microprocessors**; Geneva, Switzerland, 17-19 June 1980, [Chicago, IL, USA: Ind. Sci. Conference Manage. 1980, SFr.95.00] 40182
- Microprocessor applications in instrumentation and automatic control**; London, England, 18-20 Nov. 1980, [*IFAC: Internat. Meas. Confederation*] [London, England: Inst. Meas. & Control 1980] 36629-30, 36705, 40799
- Microscopy of clays and soils**; Edinburgh, Scotland, Sept. 1979, [Dec. 1980] 49265 (introductory abstract), 45084-5, 49266-71, 49422-3
- Microwave symposium**; Washington, DC, USA, 28-30 May 1980, [*IEEE*] [Dec. 1980] 26936, 26973-4
- Microwave technology, Poland**; Warsaw, Poland, 8-12 Sept. 1980, [Sevenoaks, England: Microwave Exhibition & Publishers Ltd. 1980, £32.00] 18255, 19250, 19467, 19980, 21691-2, 22066, 22108, 22179-80, 22479, 22693, 23122, 27166, 27218, 27315
- Miniaturization limits**; Lausanne, Switzerland, 7-9 Oct. 1980, [Lausanne, Switzerland: Swiss Federal Inst. Technol. 1980, SFr.50.00] 44909-10, 46208, 49164, 50119
- Minicomputers and microprocessors in optical systems**; Washington, DC, USA, 8-9 April 1980, [*SPIE*] 1980] 44706 (introductory abstract), 44880, 44884, 44915, 44985-6, 44999-5000, 46498, 46584-5, 46928, 48187, 48937, 49148, 49429
- National Computer Conference**; Anaheim, CA, USA, 19-22 May 1980, [Arlington, VA, USA: AFIPS 1980] 17492-5, 17712
- Natural convection in enclosures**; Orlando, FL, USA, 27-30 July 1980, [*ASME*] [New York, USA: ASME 1980] 15 (introductory abstract), 1979-88, 6860-4
- Netherlands radiobiology**; Amsterdam, Netherlands, 11 Jan. 1980, [Oct. 1980] 17929 (introductory abstract)
- Neutron beam spallation source targets**; Jülich, Germany, 11-12 June 1979, *G.S. Bauer (editor/s)*, [Jülich, Germany: Kerforschungsanlage Jülich GmbH 1979] 17936 (introductory abstract), 18941-51
- Neutron spin echo**; Grenoble, France, 15-16 Oct. 1979, *F. Mezei (editor/s)*, [Berlin, Germany: Springer-Verlag 1980, SFr.50.00] 32801 (introductory abstract), 33364-6, 34201-7, 34216, 34534, 34903, 35925
- Nonlinear and turbulent processes in physics**; Kiev, USSR, 4-16 Sept. 1979, [Jan. 1981] 49878 (introductory abstract), 49985, 50036, 50043, 50055, 51746-50, 51777, 51817, 51909, 51944-7, 51950-3, 51966, 51982, 53744, 54444
- Nonlinear mechanics, computational methods**; Austin, TX, USA, 26-29 March 1979, *J.T. Oden (editor/s)*, [Amsterdam, Netherlands: North-Holland 1980, \$68.25] 22950 (introductory abstract), 22995-3000, 23009, 23013-16, 23019, 24659, 24671, 24690-2, 24707-8, 24714, 24743, 24818, 24830-1, 24876-7
- Nonlinear transport in semiconductors**; Urbino, Italy, 16-26 July 1979, *D.K. Ferry, J.R. Barker, C. Jacoboni (editor/s)*, [New York, USA: Plenum 1980, \$65.00] 13926 (introductory abstract), 15211-12, 15234, 15994, 16226, 16238, 16280, 16283-5, 16292-6, 16302-3, 16317-18, 16325
- Nuclear and chemical installation design against impact by plant generated missiles**; Leicester, England, 12 March 1980, [June 1980] 12 (introductory abstract), 53-4, 836-41
- Nuclear and space radiation effects**; Ithaca, NY, USA, 15-18 July 1980, [*IEEE: Cornell Univ. et al*] [Dec. 1980] 34368 (introductory abstract), 33083, 33600-1, 33609, 33781, 33813, 34036, 34081, 34138-42, 34372, 34383, 34984-5, 35134, 35136, 35651, 35880-1, 42420, 42838, 43239, 52617
- Nuclear behaviour at high angular momentum**; Strasbourg, France, 22-24 April 1980, [Dec. 1980] 44695 (introductory abstract), 45387-403, 45419, 45451-2, 45489, 45517-20, 45546-7, 45557-8, 45771, 45782
- Nuclear fuel cycles for the 1980's**; Gatlinburg, TN, USA, 29 Sept. - 2 Oct. 1980, [*American Nuclear Soc.*] [Springfield, VA, USA: Tech. Information Center, US Dept. Energy 1980] 17943 (introductory abstract), 18206, 18771-3, 18834-45, 18850-74, 23777, 23842-3
- Nuclear giant resonances**; Granada, Spain, 16-20 April 1979, [April-June 1980] 27649 (introductory abstract), 28386, 28437-41
- Nuclear materials management, Palm Beach**; Palm Beach, FL, USA, 30 June - 2 July 1980, [1980] 13916 (introductory abstract), 14114, 14588-63, 14653, 18750-62
- Nuclear physics**; Mikolajki, Poland, 2-14 Sept. 1979, [1980] 45521-2, 50487, 50508, 50527, 50620, 50695
- Nuclear physics and solid state physics**; Madras, India, 26-30 Dec. 1979, [Bombay, India: Dept. Atomic Energy, Government of India 1979] 27665 (introductory abstract)
- Nuclear power plant distributed systems**; Chalk River, Ont., Canada, 14-16 May 1980, [Chalk River, Ont., Canada: AECL 1980, \$15.00] 50753, 50898-904, 50918-19
- Nuclear spectroscopy**; Gull Lake, MI, USA, 27 Aug. - 7 Sept. 1979, *G.F. Berisch, D. Kurath (editor/s)*, [Berlin, Germany: Springer-Verlag 1980] 9769 (introductory abstract), 10304-6, 10331, 10333, 10352
- Nuclear spectroscopy and atomic nuclear structure**; Riga, USSR, 27-30 March 1979, [1979] 4 (introductory abstract), 530, 535, 602-3, 626, 633-6, 659-61, 667-9, 672, 676-9, 682-3, 692, 694, 698-9, 706, 709-10
- Nuclear spectroscopy and atomic nuclear structure**; Riga, USSR, 27-30 March 1979, [1979] 23529-34, 23551-2, 23560, 23567, 23572, 23575, 23579, 23584-5, 23596, 23603-4, 23614-15, 23621-2, 23625, 23629, 23634, 23643-5, 23650, 26082
- Nuclear spectroscopy and atomic nuclear structure**; Riga, USSR, 27-30 March 1979, [1979] 28377-8, 28381-2, 28408-9, 28415, 28420, 28434-5, 28442, 28464, 28488, 28492, 29118, 31221, 33208-9, 33214-15, 33217-18, 33226, 33232-5, 33242-3, 33245, 33247-8, 33254, 33272
- Nuclear spectroscopy and atomic nuclear structure**; Riga, USSR, 27-30 March 1979, [1980] 45382-6, 45418, 45422-5, 45447, 45459, 45462, 45465-7, 45498-9, 45514, 45545, 45921, 50481, 50566, 50570, 50574, 50594, 50604, 50611, 51319
- Nuclear waste management**; Argonne, IL, USA, 5-6 Sept. 1979, [Dec. 1980] 27657 (introductory abstract), 28632-8, 30462, 30476, 31235, 31313, 31942, 32061-2
- Nuclear waste management and storage**; San Francisco, CA, USA, 20 Oct. 1979, [Aug. 1980] 5 (introductory abstract), 802-7
- Nuclei far from stability**; Nashville, TN, USA, 10-13 Sept. 1979, [Amsterdam, Netherlands: North-Holland 1980, \$61.00] 9766 (introductory abstract), 10299-303, 10307, 10311-12, 10314-16, 10348-51, 10454-60, 10367-9, 10390, 10399, 10578-81, 10603, 14449-50, 14468, 14493-4, 14564
- Numerical methods in theoretical physics**; Prostredni Beceva, Czechoslovakia, 4-13 Sept. 1979, [Sept. 1980] 13902 (introductory abstract), 13994-8, 14022, 14038-9, 14223, 14264, 14569, 14572, 14800, 14826, 15062, 15213, 15359, 15600, 15642, 15658, 15938
- Occupational radiation exposure in nuclear fuel cycle facilities**; Los Angeles, CA, USA, 18-22 June 1979, [*IAEA*] [Vienna, Austria: IAEA 1980] 27676 (introductory abstract), 28722-47, 32252-60, 33355
- Ocean engineering**; Seattle, WA, USA, 8-10 Sept. 1980, [*IEEE*] [New York, USA: IEEE 1980] 13936 (introductory abstract)
- Ocean optics**; Monterey, CA, USA, 23-25 Oct. 1979, [*SPIE*] 1979] 17932 (introductory abstract), 18281, 19270, 19416, 19530, 21971, 22326, 22356-60, 22373, 22454, 22540-7
- Ocular tissue culture**; Bethesda, MD, USA, 22-23 Oct. 1979, [*Nat. Eye Inst.; Nat. Inst. Health*] [1981] 32800 (introductory abstract), 35761, 35780, 35924
- Optical communication**; York, England, 16-19 Sept. 1980, [*IEE*] [London, England: IEE 1980] 9774 (introductory abstract), 11021-4, 11071, 11079-80, 11089, 11124-64, 11170-7, 11185, 11198-212, 15297, 29302
- Optical communications**; Berlin, Germany, 2-4 Oct. 1980, [1980] 17931 (introductory abstract), 18279, 18284-7, 19338-40, 19347, 19356, 19425-8, 19446-61, 19470, 19479, 24504
- Optical computing**; Washington, DC, USA, 8-9 April 1980, [*SPIE; IEEE*] 1980] 49877 (introductory abstract), 50790, 51350, 51386-95, 51413-17, 51988, 53842, 53854, 53875-9, 54381-8, 54393-4
- Optical computing**; Washington, DC, USA, 8-9 April 1980, [*SPIE; IEEE*] 1980] 50200, 50250, 51396-404, 51418, 51507, 51598-9, 51602-3, 53948-9
- Optical interference coatings**; Oakland, CA, USA, 3-5 June 1980, [*Opt. Soc. America*] [1 Jan. 1981] 36444 (introductory abstract), 37401-5, 37409-10, 37417-18, 37434, 37562-3, 37575, 37589-90, 37597, 37636-7, 37696, 39978, 40350
- Optical Society of America Meeting 1980**; Chicago, IL, USA, 14-17 Oct. 1980, [Dec. 1980] 40593 (introductory abstract)
- Optics**; Los Alamos, NM, USA, 23-25 May 1979, [*Los Alamos Sci. Lab.*] 1979] 27660 (introductory abstract)
- Optics and photonics applied to 3D imagery**; Strasbourg, France, 26-30 Nov. 1979, [*SPIE*] 1979] 13919 (introductory abstract), 14201, 15088, 15107-13, 19294
- Optics and photonics applied to communication and processing**; Strasbourg, France, 26-30 Nov. 1979, [*SPIE*] 1979] 17933 (introductory abstract), 19280, 19295-7, 19385-7, 19430, 19462-3, 19476
- Optics applied to metrology**; Strasbourg, France, 26-30 Nov. 1979, [1979] 13918 (introductory abstract), 14102, 14168, 14173-5, 15087, 15098-106, 15160, 15204-5, 15348, 15561, 16153, 17016, 17245, 19291-3, 19664, 21680
- Optics European conference**; Pont-a-Mousson, France, 22-25 April 1980, [Nov.-Dec. 1980] 22942 (introductory abstract), 23307-8, 23313, 23321, 23331, 24353, 25009, 26821, 26880, 26975, 27380-2, 33719
- Optics in adverse environments**; Los Angeles, CA, USA, 4-5 Feb. 1980, [*SPIE*] 1980] 27661 (introductory abstract)
- Optics in four dimensions**; Ensenada, Mexico, 4-8 Aug. 1980, [*Consejo Nacional de Ciencia y Technol*] 1980] 40589 (introductory abstract), 40657, 40751-3, 40841, 40864, 40883, 41534, 41541, 41554-6, 41558-70, 41579-81, 41590-605, 41621-32, 41762, 41777-8, 41807, 41885, 41924, 42380, 43841, 43873, 43934, 46234, 46257-9, 46588
- Optics in metrology and quality assurance**; Los Angeles, CA, USA, 6-7 Feb. 1980, [*SPIE*] 1980] 27662 (introductory abstract), 27925-7, 28052, 28060, 29225, 29369, 29415, 31801
- Optics present and future**; Madrid, Spain, 10-17 Sept. 1978, [*Internat. Commission for Optics; Ministerio de la Defensa; et al*] *J. Bescos, A. Hidalgo, L. Plaza, J. Santamaría (editor/s)*, [Madrid, Spain: Instituto de Optica 'Daza de Valdes', CSIC, Sociedad Española de Optica 1978] 233-5, 263, 368, 1186, 1439, 1460-2, 1489-91, 1509, 1524-33, 1565, 1602, 1613, 1673, 1719, 2291, 3359, 3364, 4214
- Ordering in strongly fluctuating condensed matter systems**; Geilo, Norway, 16-27 April 1979, *T. Riste (editor/s)*, [New York, USA: Plenum 1980, \$55.00] 5027 (introductory abstract), 5228-9, 7063, 7082, 7295-7, 7302-4, 7332, 7444, 7476-7, 7797, 7801, 7804, 7822-3, 7844, 7865-70, 8082, 11675, 11852, 11968, 12332-4

- Oxidation:** Poitiers, France, 4-6 June 1980, [Sept. 1980] 44694 (introductory abstract), 47150, 47289, 47392, 48543, 48575-6
- Particle and condensed matter physics:** Les Houches, France, Feb. 1980, [Dec. 1980] 27645 (introductory abstract), 27902, 28188-94, 28284-5, 28300-1, 30609, 30678-9, 30962-5, 32790
- Particle physics:** Manoa, HI, USA, 8-21 Aug. 1979, [Manoa, HI, USA: Univ. Press of Hawaii 1980, \$20.00] 13929 (introductory abstract), 14360-1, 14369, 14408
- Pattern recognition:** Miami Beach, FL, USA, 1-4 Dec. 1980, [Int. Assoc. Pattern Recognition; IEEE] [New York, USA: IEEE 1980] 50079, 50287, 51668-9, 51891, 53765, 53783, 53794, 53837, 53850, 53855, 53893-9, 53922-3, 54230-1, 54299-300
- Phase transitions in polymers:** Cleveland, OH, USA, 11-13 June 1980, [Mater. Res. Lab. Case Western Reserve Univ.; IUPAP; et al.] [1980] 36448 (introductory abstract), 38227-49, 38292-6, 38423, 38514-15, 38522, 38682, 38720, 38986, 39041, 39636, 39690, 39866-7, 39872-9, 39893, 39961, 42283, 43706-7
- Phonon scattering in condensed matter:** Providence, RI, USA, 28-31 Aug. 1979, H.J. Maris (editor/s), [New York, USA: Plenum 1980, \$52.50] 13928 (introductory abstract), 14180, 15936, 15955-64, 15968-87, 15990-2, 15996-6003, 16010-11, 16059-60, 16118-21, 16125-9, 16135, 16137, 16140-1, 16166, 16217, 16237, 16239, 16247, 16256-7, 16269, 16281, 16304, 16320-1, 16390, 16406, 16443, 16479, 16527-8, 16576-7, 20321, 20328, 20335, 20337-8, 20342, 20486-8, 20493-5, 20499, 20502, 20508, 20545-9, 20917, 30336, 30344-6
- Photovoltaic generators in space:** Heidelberg, Germany, 15-17 April 1980, [ESA; Deutsche Gesellschaft für Luft- und Raumfahrt E.V.] [Paris, France: ESA 1980] 39779 (introductory abstract), 39780-805, 43773-5
- Photovoltaic science and engineering:** Tokyo, Japan, 6-8 Nov. 1979, [1980] 7 (introductory abstract), 3612-13, 3622, 3635, 4162, 4179-95, 6681, 7657-8, 8238, 8708-21, 8745, 13124-5, 16608
- Physical and technical acoustics:** Leningrad, USSR, 5-8 Oct. 1979, [July-Aug. 1980] 36453 (introductory abstract), 37657-8, 37687-96, 38469
- Physical cosmology:** Les Houches, France, 2-27 July 1979, R. Balian, J. Audouze, D.N. Schramm (editor/s), [Amsterdam, Netherlands: North-Holland 1980, \$109.75] 27684 (introductory abstract),
- Physico-chemical behaviour of atmospheric pollutants:** Ispra, Italy, 16-18 Oct. 1979, B. Versino, H. Ott (editor/s), [Luxembourg: Comm. European Communities 1980] 9773 (introductory abstract),
- Physico-chemical properties of mantle materials at high pressure:** Canberra, ACT, Australia, 3-15 Dec. 1979, [Dec. 1980] 27659 (introductory abstract), 32404-9, 32434-5, 32547
- Physics and chemistry of fission:** Jülich, Germany, 14-18 May 1979, [Vienna, Austria: IAEA 1980] 44711 (introductory abstract),
- Physics and chemistry of fission II:** Jülich, Germany, 14-18 May 1979, [Vienna, Austria: IAEA 1980] 50489, 50492-3, 50511, 50655, 50673-94
- Physics and physical metallurgy of electrical steels:** Chelyabinsk, USSR, Sept. 1978, [1979] 5015 (introductory abstract), 7872-3, 7878-84, 7923-4, 8310, 8322-30, 8344, 8359, 8367, 8406, 8464
- Physics of actinides and related materials:** Zurich, Switzerland, 9-11 April 1980, [Swiss Federal Inst. Technol.; Swiss Nat. Sci. Found.; NSF] [1980] 44701 (introductory abstract), 45842, 45885, 47040-1, 47059-62, 47234, 47262, 47424, 47431, 47439, 47443-5, 47466-9, 47523, 47528-9, 47562, 47582-3, 47589-91, 47623, 47689-90, 47780-1, 47840, 47842-3, 47847, 47849, 47854-60, 47869-70, 47874, 47876-7, 47881-7, 47911-15, 47992-3, 48114, 48226-32, 52758, 52806, 53052
- Physics of expanding Universe:** Jadow Dwor, Poland, Sept. 1978, [Committee of Phys. Polish Acad. Sci., et al.] M. Demianski (editor/s), [Berlin, Germany: Springer-Verlag 1980] 49881 (introductory abstract), 50029, 54644, 54666-8, 54678-80
- Physics of semiconductor devices:** Kyoto, Japan, 1-5 Sept. 1980, [1980] 44693 (introductory abstract), 45036, 46351, 46433, 47033, 47037, 47181-4, 47193, 47229-31, 47429-30, 47435-7, 47440, 47448-50, 47454-63, 47472, 47483-92, 47501-8, 47510-11, 47516-17, 47533-51, 47568, 47581, 47595, 47632, 47635, 47641-3, 47662-4, 47671, 47678-85, 47693, 47695-6, 47701-4, 47714-15, 47721, 47750-2, 47775, 47784, 47880, 47890, 47925, 47948, 47953-4, 47961, 47976-8, 48000, 48012, 48021, 48030, 48039-41, 48059-68, 48096, 48106-8, 48120, 48134-47, 48180, 48201, 48219-23, 52069-72, 52155-8, 52364, 52401-2, 52440-1, 52449-50, 52467, 52471-4, 52479, 52493-5, 52502, 52509, 52545, 52561-3, 52571-2, 52577, 52582, 52591-2, 52601, 52609, 52619-28, 52639-40, 52647-8, 52654, 52656-9, 52685, 52827-8, 52856, 52862, 52908, 52916, 52919-20, 52936-42, 52959-60, 52966, 52970, 52983, 53004-6, 53046-7, 53087, 53090, 53093, 53614
- Picosecond phenomena:** Cape Cod, MA, USA, 18-20 June 1980, R. Hochstrasser, W. Kaiser, C.V. Shank (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$40.80] 49883 (introductory abstract), 50212, 51476-8, 51513, 51524-33, 51609, 51991, 52597, 52608
- Picture data description and management:** Asilomar, CA, USA, 27-28 Aug. 1980, [IEEE] [New York, USA: IEEE 1980] 27001
- Plasma diagnostics:** Nagoya, Japan, 13-17 Nov. 1979, [Nagoya, Japan: Inst. Plasma Phys. 1980] 17937 (introductory abstract), 19919, 19945-9, 19963-79
- Plasma Science:** Madison, WI, USA, 19-21 May 1980, [IEEE] [New York, USA: IEEE 1980] 13930 (introductory abstract),
- Plasma-surface interaction:** Garmisch-Partenkirchen, Germany, 21-25 April 1980, [Max-Planck-Inst. Plasmaphysik; Euratom-IPP Assoc.] [1980] 23314, 23848-51, 24949, 24993-5000, 25045, 25088-90, 25301-6, 25314, 25316, 25318, 25325, 25332-8, 25420, 25504, 25555-61, 25583-4, 26327-42, 26662, 30555
- Plasma-surface interactions:** Garmisch-Partenkirchen, Germany, 21-25 April 1980, [Max-Planck-Inst. Plasmaphysik; Euratom-IPP Assoc.] [1980] 22941 (introductory abstract), 24928, 24932, 24939, 24986-92, 25021-44, 25054-61, 25073-6, 25085-7, 26769, 26783, 29841, 29846, 29883, 29907-9, 29921-5, 29937, 30554
- Plasma theory and waves and instabilities:** Nagoya, Japan, 7-11 April 1980, [Nagoya, Japan: Fusion Res. Assoc. Japan 1980] 22956 (introductory abstract),
- Polymer alloys II:** Honolulu, HI, USA, April 1979, [American Chem. Soc.] D. Klempner, K.C. Frisch (editor/s), [New York, USA: Plenum 1980] 11699, 12729, 12778, 12787, 12826, 13002-5, 15819
- Polymer networks:** Karlovy Vary, CSSR, 15-19 Sept. 1980, [Nov. 1980] 47151, 48318
- Polymer networks:** Karlovy Vary, CSSR, 15-19 Sept. 1980, [Nov. 1980] 44703 (introductory abstract), 48028, 48319, 48410-11, 53227-8
- Polymer rheology:** Perm, USSR, 20-24 June 1978, [Sept. 1980] 40592 (introductory abstract), 41995-7, 42444, 42459, 43393-5, 43425-8, 43708
- Polymeric drag reducers:** Anaheim, CA, USA, 16 March 1978, [May 1980] 44709 (introductory abstract), 46727, 46732, 46760, 46786, 46813-16, 49049, 51751, 53813
- Polymeric drag reduction:** Boston, MA, USA, 31 Oct. 1980, [Oct. 1980] 24848 (introductory abstract), 24850-2
- Post accident heat removal:** Varese, Italy, 10-12 Oct. 1978, [1979] 5018 (introductory abstract), 5860-92
- Power generation:** Charlotte, NC, USA, 7-11 Oct. 1979, [IEEE] [New York, USA: IEEE 1979] 41220, 41225
- Precision electromagnetic measurements:** Braunschweig, Germany, 23-27 June 1980, [IEEE] [Dec. 1980] 36450 (introductory abstract),
- Probing hadrons with leptons:** Erice, Italy, March 1979, G. Preparata, J.-J. Aubert (editor/s), [New York, USA: Plenum 1980] 44713 (introductory abstract), 45197, 45244-5, 45257, 45264-8, 45303-14, 45321, 50450-3
- Profiled crystal and component production, Stepanov's method:** Leningrad, USSR, 14-17 March 1979, [1979] 27651 (introductory abstract), 30106-15, 31242, 31329-36
- Propagation effects in space/Earth paths:** London, England, 12-16 May 1980, [AGARD] H.J. Albrecht (editor/s), [Neuilly-sur-Seine, France: AGARD 1980] 36087-9, 44389-90, 49450-4
- Proteins and nucleoproteins:** Airline, VA, USA, 18-21 May 1980, [Oct. 1980] 5017 (introductory abstract), 8791-803, 8806-13, 8818-19, 9055
- Pulse power modulation:** USA, 3-5 June 1980, [IEEE] [New York, USA: IEEE 1980] 25107 (introductory abstract), 23876-9, 25108-17, 28751-5, 28759-63, 29292, 33351-2, 33358, 33368, 33659, 33662, 34182
- Quality control:** Atlanta, GA, USA, 20-22 May 1980, [Milwaukee, WI, USA: American Soc. Quality Control, Inc. 1980] 8690
- Quantum chemistry:** Kyoto, Japan, 29 Oct. - 3 Nov. 1979, [Internat. Acad. Quantum Molecular Sci.; Sci. Counsel of Japan; Chem. Soc. Japan] [July 1980] 1051-3, 1062, 1071, 1098, 1108-9, 1201-2, 1245, 1269, 1274, 1276-7, 1288, 1291, 1365, 1392, 3452, 4054, 6226, 6417
- Quantum chemistry:** Kyoto, Japan, 29 Oct. - 3 Nov. 1979, [Internat. Acad. Quantum Molecular Sci.; Sci. Counsel of Japan; Chem. Soc. Japan] [Aug. 1980] 1072-4, 1110-18, 1120-2, 1422, 4103-4, 4117, 4123, 6250, 7452-3, 7516, 7528, 7537, 7549, 7551-3, 7566-7, 7571, 8086-8, 8109-10, 8545
- Quantum chromodynamics:** Jaca, Spain, June 1979, J.L. Alonso, R. Tarrach (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$27.80] 13904 (introductory abstract), 14261-2, 14315, 14362-4
- Quantum flavour dynamics, quantum chromodynamics, and unified theories:** Boulder, CO, USA, 9-27 July 1979, [NATO] K.T. Mahanthappa, J. Randa (editor/s), [New York, USA: Plenum 1980, \$59.50] 13903 (introductory abstract), 14055, 14258-60, 14356-9
- Quantum theory of polymers:** Namur, Belgium, 11-14 Feb. 1979, J.-M. Andre, J.-L. Bredas, J. Delhalle, J. Ladik, G. Leroy, C. Moser (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$22.20] 17938 (introductory abstract), 19081, 19225-33, 20081, 20334, 20612-13, 20633, 20649-50, 20664, 20714-15, 21154, 21329, 21417
- Radiation and environmental biophysics:** Aachen, Germany, 1-3 Oct. 1980, [1980] 17934 (introductory abstract),
- Radiation hazards:** Teddington, Middlesex, England, 16 July 1980, [Dec. 1980] 17926 (introductory abstract),
- Radiation research:** New Orleans, LA, USA, 1-5 June 1980, [Aug. 1980] 13922 (introductory abstract),
- Radiation research:** Tokyo, Japan, 13-19 May 1979, S. Okada, M. Imamura, T. Terashima, H. Yamaguchi (editor/s), [Tokyo, Japan: Japanese Assoc. Radiat. Res. 1979] 4717 (introductory abstract), 44756, 45031, 45733, 45745, 46143, 46488, 47122, 47133-4, 47633-4, 48961, 49077-9, 49124, 49129-30, 49132, 50994, 51111, 51318, 51905, 52526, 52615, 52994, 53421, 53441-8, 53710-11, 53720, 53763, 53820, 53822, 53830-5, 53892, 53926, 53952
- Radiation transport and dosimetry, computer techniques:** Erice, Sicily, Italy, 25 Oct. - 3 Nov. 1978, [Italian Health Phys. Assoc.; Sicilian Regional Government; et al.] W.R. Nelson, T.M. Jenkins (editor/s), [New York, USA: Plenum 1980, \$55.00] 17924 (introductory abstract), 18180-4, 18452, 18491-3, 18529, 18609-11, 18630, 18716, 18921-9, 18976, 18990-3, 20280
- Radio physics of the Sun:** College Park, MD, USA, 7-10 Aug. 1979, [IAU] M.R. Kundu, T.E. Gergely (editor/s), [Dordrecht, Netherlands: Reidel 1980] 19 (introductory abstract), 45, 2163, 4737, 4773-4, 4859-904, 4994, 9466-7
- Radiotherapy dosimetry:** Teddington, England, 15 July 1980, [Sept. 1980] 5021 (introductory abstract),
- Rare earths in modern science and technology:** Fargo, ND, USA, 25-28 June 1979, G.J. McCarthy, J.J. Rhyne, H.B. Silber (editor/s), [New York, USA: Plenum 1980, \$59.50] 22953 (introductory abstract), 24057, 24074, 24424, 25195-6, 25201-5, 25232-41, 25265, 25293, 25349, 25366, 25421, 25446, 25454-6, 25579-80, 25677-8, 25700-2, 25747, 25778, 25825-7, 25834, 25869-72, 25876, 25888-95, 25911-13, 25925, 25930, 25990, 26008, 26010, 26034, 26101-2, 26181, 26217-19, 26236-7, 26271-3, 26279, 26313, 26372, 26382-3, 26399, 26404, 26408-9, 26427, 26439-40, 26460, 26572, 26740-1, 26842, 27159, 29288-9, 29301, 30205-6, 30417, 30468, 30928, 31855
- Refractory oxides for high temperature energy sources:** Toronto, Canada, 16-19 July 1979, [1980] 40598 (introductory abstract), 42542, 42551, 42558, 42591, 42777-8, 42833, 43559
- Relaxation of elementary excitations:** Susono-shi, Japan, 12-16 Oct. 1979, R. Kubo, E. Hanamura (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$42.50] 32804 (introductory abstract), 33513, 33524, 33527-9, 33746, 33768-9, 33775, 34635, 34662, 35061-2, 35072-3, 35097, 35560-1, 35747
- Relays:** Stillwater, OK, USA, 29-30 April 1980, [Oklahoma State Univ.; Nat. Assoc. Relay Manufacturers] [Elkhart, IN, USA: Nat. Assoc. Relay Manufacturers 1980] 3221
- Reliability and maintainability:** Tregastel, France, 8-12 Sept. 1980, [Soc. Elect., Electron. Radioelectriciens] [Lannion, France: Centre de Fiabilité CNET 1980, Ffr.250.00] 31823, 35495, 43528
- Reliable systems for microprocessor control:** London, England, 21 Nov. 1980, [IEE] [London, England: IEE 1980] 23835
- SEASAT-SAR processor:** Frascati, Italy, 10-14 Dec. 1979, [ESA] [Paris, France: ESA 1980] 49882 (introductory abstract), 54139, 54289-98, 54348
- Secondary ion mass spectrometry:** Stanford, CA, USA, 27-31 Aug. 1979, A. Benninghoven, C.A. Evans Jr., R.A. Powell, R. Shimizu, H.A. Storms (editor/s), [Berlin, Germany: Springer-Verlag 1980, \$34.30] 27666 (introductory abstract), 28116-25, 28136, 29148, 29206, 30263-9, 30405-6, 30537-8, 30572-3, 30576, 30602, 31269-95, 31638, 31765-8, 31912, 31948-57, 32022, 32328-30, 32670

- Seismic wave attenuation**; Stanford, CA, USA, 25-27 June 1979, [10 Oct. 1980] 17930 (introductory abstract), 22250-2, 22283, 22333-5, 22524-5
- Seismicity of Wasatch Front and Great Basin-Sierra Nevada boundary**; Alta, UT, USA, 29 July - 1 Aug. 1979, [Oct. 1980] 44690 (introductory abstract), 49210-18, 49232
- Seismological Society of America 1980 Annual Meeting**; Seattle, WA, USA, 23-25 April 1980, [1980] 13924 (introductory abstract)
- Semiconductor physics, new developments**; Szeged, Hungary, 1-6 July 1979, [Berlin, Germany: Springer-Verlag 1980, \$19.50] 27671 (introductory abstract), 30649, 30669-75, 30773, 30788, 30801, 30817, 31064, 31202, 31205
- Semiconductor surfaces and interfaces**; Paris, France, 26-28 Nov. 1979, [Sept. 1980] 5025 (introductory abstract), 7438-9, 7470-1, 7668-9, 7696-9, 7711, 7737, 8095-6, 8159, 8171-2, 8181, 8195-8
- Shell theory**; Tbilisi, USSR, 22-28 Aug. 1978, *W.T. Koiter, G.K. Mikhailov (editor/s)*, [Amsterdam, Netherlands: North-Holland 1980, \$117.00] 5029 (introductory abstract), 6765-85, 6793-4, 6798-806, 6825-8, 6832
- Signal processing theory and applications**; Lausanne, Switzerland, 16-18 Sept. 1980, *M.Kunt, F.De Coulon (editor/s)*, [Amsterdam, Netherlands: North-Holland 1980, \$73.25] 43851, 43865, 44040, 45721, 46645, 48644, 48990-1, 49176
- Simulation of systems 79**; Sorrento, Italy, 24-28 Sept. 1979, *L.Dekker, G.Savastano, G.C.Vansteenkiste (editor/s)*, [Amsterdam, Netherlands: North-Holland 1980, \$146.25] 51444, 51766, 53298, 54017, 54154-5
- Simulation techniques of electron trajectories by the Monte Carlo method**; Bagnux, France, 4 Oct. 1979, [June 1980] 13914 (introductory abstract), 15771, 15931, 16631, 16636, 17137-8, 20285-6, 21814
- Solar energy**; London, England, 14-15 Jan. 1980, [*UNESCO; et al*] *C.Stambolis (editor/s)*, [Oxford, England: Pergamon 1981, \$63.00] 36460 (introductory abstract), 39743-9, 39751, 39806-7, 39829-31, 39834, 43744
- Solar energy international progress**; Cairo, Egypt, 16-22 June 1978, [*Nat. Sci. Found.*] *T.N.Vezirloglu (editor/s)*, [Oxford, England: Pergamon 1980] 13931 (introductory abstract)
- Solar energy. International progress.I**; Cairo, Egypt, 16-22 June 1978, [*Nat. Sci. Found.*] *T.N.Vezirloglu (editor/s)*, [Oxford, England: Pergamon 1980] 15372, 17158-67, 17249-71, 32048-9
- Solar energy. International progress.II**; Cairo, Egypt, 16-22 June 1978, [*Nat. Sci. Found.*] *T.N.Vezirloglu (editor/s)*, [Oxford, England: Pergamon 1980] 15373, 17148-9, 17168, 17237, 17272-86, 17306-12, 17323
- Solar energy. International progress.III**; Cairo, Egypt, 16-22 June 1978, [*Nat. Sci. Found.*] *T.N.Vezirloglu (editor/s)*, [Oxford, England: Pergamon 1980] 17169-77, 17212-19, 17226, 17238, 17287-98, 17301, 32031
- Solar energy. International progress.IV**; Cairo, Egypt, 16-22 June 1978, [*Nat. Sci. Found.*] *T.N.Vezirloglu (editor/s)*, [Oxford, England: Pergamon 1980] 21839-40, 21851-61, 21863-5, 21896, 21921-6, 262823
- Solar system dynamics**; Tokyo, Japan, 23-26 May 1978, [*COSPAR: Int. Union of Theor. Appl. Mech.*] *R.L.Duncombe (editor/s)*, [Dordrecht, Netherlands: Reidel 1979] 40605 (introductory abstract), 40652, 44410-11, 44414-23, 44446-7, 44462-3, 44466-70, 44481, 44489-90, 44508-12
- Solar Terrestrial Physics in the 1980's**; Tokyo, Japan, 13 Sept. 1980, [1 Aug. 1980] 36454 (introductory abstract)
- Solid-electrolyte interface, non-traditional approaches to study**; Snowmass, CO, USA, 24-27 Sept. 1979, [Dec. 1980] 32797 (introductory abstract), 32793, 33037, 34575-9, 34642, 34745, 34762-5, 34769-71, 34789-91, 34797, 34801, 34810, 34814, 35004, 35016-17, 35045-55, 35098, 35108, 35149-51, 35545-51, 39531, 39618, 39657, 39809
- Solid state dosimetry**; Toulouse, France, 1-4 April 1980, [1 Sept. 1980] 11 (introductory abstract), 944-68, 1042-4, 2982, 3503-13, 6043-55, 6070, 6081-99, 6117, 8134, 8140-1, 8203, 8352, 9029-36, 9793, 10588-9, 10607, 12590, 13309, 13325-6
- Solid state physics advances**; Freudenstadt, Germany, 24-28 March 1980, *J.Treusch (editor/s)*, [Wiesbaden, Germany: Friedr. Vieweg & Sohn 1980, DM 128.00] 27674 (introductory abstract), 29405, 30258, 30469, 30574, 30652-3, 30676, 30685, 30734, 30789, 30802, 31044, 31238, 32559
- Solute-solute-solvent interactions**; Florence, Italy, 2-6 June 1980, [Oct. 1980] 6337, 8533, 8569, 8601, 13035
- Sorption and transport in glassy polymers**; Miami Beach, FL, USA, 10-15 Sept. 1978, [*Div. Organic Coatings & Plastic Chem.*] [March 1980] 52266, 52352-60, 52423-7
- Sorption and transport in glassy polymers**; Miami Beach, FL, USA, 10-15 Sept. 1978, [*Div. Organic Coatings & Plastic Chem.*] [Jan. 1980] 27663 (introductory abstract), 30369, 30443, 30478-81, 30561-8, 32083
- Southern EEG**; Atlanta, GA, USA, 26-28 Oct. 1978, [Aug. 1980] 13908 (introductory abstract)
- Space developments**; Munich, Germany, 17-22 Sept. 1979, [April-May 1980] 9759 (introductory abstract), 11392, 11434, 11442, 11452, 13190, 13329, 13580, 13587-8, 13657-8, 13671, 15552
- Space tribology**; Risley, Lancs., England, 15-17 Oct. 1980, [*ESA*] [Paris, France: ESA 1980] 44715 (introductory abstract), 48531-2
- Spectral classification of the future**; Vatican City, Italy, 11-15 July 1978, [Vatican City, Italy: Vatican Obs. 1979] 44719 (introductory abstract), 49531-3, 49623-34, 49660-2, 49691-2, 54370, 54380, 54396-9, 54482-5, 54525
- Spin polarized quantum systems**; Aussois, France, 21-26 April 1980, [July 1980] 8 (introductory abstract), 164-5, 268-9, 1058, 1078-84, 1151-2, 1199, 1301, 1317-18, 1427, 2732-3, 2743-54, 2758-60, 2766-73, 2876, 6190
- Spin, torsion, rotation and supergravity**; Erice, Italy, 6-18 May 1979, *P.G.Bergmann, V.De Sabbata (editor/s)*, [New York, USA: Plenum 1980] 44714 (introductory abstract)
- Spring meeting of the Astronomical Society**; Bochum; Bochum, Germany, 12-14 March 1979, [1980] 44697 (introductory abstract)
- Spring meeting of the Astronomical Society**; Mainz; Mainz, Germany, 5-7 March 1980, [1980] 44698 (introductory abstract)
- Star clusters**; Victoria, British Columbia, Canada, 27-30 Aug. 1979, *J.H.Hesser (editor/s)*, [Dordrecht, Netherlands: Reidel 1980] 32803 (introductory abstract), 36272, 36341, 36346-64, 40537
- Stellar hydrodynamics**; Los Alamos, NM, USA, 12-15 Aug. 1980, [Nov.-Dec. 1980] 36452 (introductory abstract), 40457-9, 40470-5, 40482, 40495-502, 44599
- Stellar pulsation**; Tucson, AZ, USA, 12-16 March 1979, *H.A.Hill, W.A.Dziembowski (editor/s)*, [Berlin, Germany: Springer-Verlag 1980, \$33.70] 22954 (introductory abstract), 27388, 27461-79, 27487-9, 27504-6, 27535-43, 27562, 36262
- Strength of metals and alloys**; Aachen, Germany, 27-31 Aug. 1980, *P.Haasen, V.Gerold, G.Kostorz (editor/s)*, [New York, USA: Pergamon 1979, \$225.00] 5030 (introductory abstract)
- Strength of metals and alloys.I**; Aachen, Germany, 27-31 Aug. 1979, *P.Haasen, V.Gerold, G.Kostorz (editor/s)*, [New York, USA: Pergamon 1979] 11760-4, 11766-9, 11807, 12753, 12758-62, 12779, 12827-50, 12876-7, 12894, 12936, 15891, 15898-902, 15907-8, 15947-9, 15951, 16803-4, 16852-66, 16895-6, 16908-9, 16982, 20208, 20234-5, 20303, 21454-5, 21459-69, 21480, 21496-8, 21534-50, 21589, 26573, 31640
- Strength of metals and alloys.II**; Aachen, Germany, 27-31 Aug. 1979, *P.Haasen, V.Gerold, G.Kostorz (editor/s)*, [New York, USA: Pergamon 1979] 20209, 20236, 20304-7, 21445, 21447, 21470-2, 21481-5, 21499, 21551-64, 21590-1, 26486-9, 26503-4, 26574-7, 30227, 30232-8, 30243, 30247, 30316, 30988, 31471-6, 31489-92, 31512-13, 31566-76, 31641-60, 31819-20, 32567-70, 32580-3, 35335-7, 35384
- Strength of metals and alloys.III**; Aachen, Germany, 27-31 Aug. 1979, *P.Haasen, V.Gerold, G.Kostorz (editor/s)*, [New York, USA: Pergamon 1979] 30305-6, 31477-8, 31493-4, 31577-80, 31661, 31688-9
- Stress in the lithosphere**; Carmel, CA, USA, 29 July - 2 Aug. 1979, [10 Nov. 1980] 22940 (introductory abstract), 27086, 27105-17, 27129-40, 27214, 27297
- Subnuclear physics**; Erice, Sicily, Italy, 23 July - 10 Aug. 1977, [*Italian Ministry of Public Education; NATO; et al*] *A.Zichichi (editor/s)*, [New York, USA: Plenum 1979, \$85.00] 27646 (introductory abstract), 28199-202, 28225, 28240, 28266-7, 28287-91, 28299, 28312, 28319, 28335, 28338, 28359-61, 28402
- Surface mining hydrology**; Lexington, KY, USA, 1-5 Dec. 1980, [*Univ. Kentucky; Inst. Min. Miner. Res.*] *D.H.Graves, R.W.De Vore (editor/s)*, [Lexington, KY, USA: Univ. Kentucky 1980, \$33.50] 27685 (introductory abstract)
- Surfaces**; Pinawa, Manitoba, Canada, 11-13 June 1979, [Oct. 1980] 13923 (introductory abstract), 14129, 15920, 16187-9, 16339, 16613, 16632-3, 16645-9, 16687, 16930-1, 16976, 17070, 17108
- Surges in HV networks**; Baden, Switzerland, 3-4 Sept. 1979, *K.Ragaller (editor/s)*, [New York, USA: Plenum 1980, \$47.50] 52018-21, 54229
- Swedish EEG**; Stockholm, Sweden, 1 Dec. 1978, [Aug. 1980] 13909 (introductory abstract)
- Synchrotron radiation facilities**; Honolulu, HI, USA, 5-9 Nov. 1979, [1 Nov. 1980] 22944 (introductory abstract), 23387-93, 23872-3, 23881-95, 23903-4, 23986, 24425, 24431, 24480-2, 26360-1, 27305, 28748
- Techniques and problems in retrieval of numerical data**; Washington, DC, USA, 12 Sept. 1979, [Aug. 1980] 13064 (introductory abstract), 13065-7
- Telecommunications**; Houston, TX, USA, 30 Nov. - 4 Dec. 1980, [*IEEE*] [New York, USA: IEEE 1980] 51630-4, 51638, 53707, 54232-3
- Testing laboratory performance, evaluation and accreditation**; Gaithersburg, MD, USA, 25-26 Sept. 1979, [Washington, DC, USA: Nat. Bur. Standards 1980] 13933 (introductory abstract)
- The Apollo legacy**; San Francisco, CA, USA, 20-21 July 1979, *S.Kent (editor/s)*, [San Diego, CA, USA: AAS 1980] 27680 (introductory abstract)
- Theory of condensed matter**; Karpacz, Poland, 19 Feb. - 3 March 1979, *A.Pekalski, J.Przystawa (editor/s)*, [Berlin, Germany: Springer-Verlag 1980, \$40.20] 9767 (introductory abstract), 9947-8, 10698, 11663, 11668, 11742, 11828, 11832, 11840-1, 11936-8, 11943-7, 11956, 11969, 12019-20, 12034, 12069, 12225, 12277, 12299-300, 12335-7
- Therapeutic radiology**; Dallas, TX, USA, 21-25 Oct. 1980, [*American Soc. Therapeutic Radiologists; American Radium Soc.; et al.*] [Oct. 1980] 32796 (introductory abstract)
- Thermal analysis**; Gaithersburg, MD, USA, 21-22 May 1979, *O.Menis, H.L.Rook, P.D.Garn (editor/s)*, [Washington, DC, USA: Nat. Bur. Standards 1980] 13935 (introductory abstract)
- Thermodynamics of alloys**; Delft, Netherlands, 12-13 June 1980, [Jan. 1981] 40395 (introductory abstract), 40638, 42514, 42541, 43314, 43316-20, 43323, 43696
- Thermophysical properties**; Dubrovnik, Yugoslavia, 26-30 June 1978, [1979] 2620, 2663, 2719-25, 2939-41, 2995, 3562, 3711, 3914, 4032, 4080, 20072
- Time and the Earth's rotation**; San Fernando, Spain, 8-12 May 1978, *D.D.McCarthy, J.D.H.Pilkington (editor/s)*, [Dordrecht, Netherlands: Reidel 1979] 40606 (introductory abstract), 44072-94, 44351, 44889, 49191-8, 49246, 49393
- Trace gases and aerosols in atmosphere**; Boulder, CO, USA, 12-18 Aug. 1979, [20 Aug. 1980] 9762 (introductory abstract), 13201-3, 13525-33
- Trace gases and aerosols in atmosphere**; Boulder, CO, USA, 12-18 Aug. 1979, [20 Dec. 1980] 40172-4, 43710-11, 43837-8, 44220, 44249-51, 44322
- Transducers for digital measuring systems**; London, England, 29 Oct. 1980, [*IEE*] [London, England: IEE 1980] 18216, 19477
- Transportation electronics**; Dearborn, MI, USA, 15-17 Sept. 1980, [*IEEE: SAE: Vehicular Technol. Soc.*] [New York, USA: IEEE 1980] 53605-6
- Tritium technology**; Dayton, OH, USA, 29 April - 1 May 1980, [Aug. 1980] 9761 (introductory abstract)
- Turbulent boundary layers**; The Hague, Netherlands, 24-26 Sept. 1979, [*AGARD*] [Neuilly-sur-Seine, France: AGARD 1980] 13 (introductory abstract), 1925, 1931-47, 2001, 2032, 2119-22, 6850
- Uranium in Pine Creek geosyncline**; Sidney, Australia, 4-8 June 1979, [*Bur. Mineral Resources, Geology & Geophysics; CSIRO Inst. Earth Resources; IAEA*] *J.Ferguson, A.B.Goley (editor/s)*, [Vienna, Austria: IAEA 1980] 9772 (introductory abstract)
- Vacuum Society of Japan**; Japan, 1980, [1980] 27654 (introductory abstract), 27938, 27998-9, 28001, 28115, 28698, 29927, 29941, 30535, 30558, 30583-4, 30846, 30858, 31259, 31347-8, 31360, 31702
- Vacuum ultraviolet radiation physics**; Charlottesville, VA, USA, 2-6 June 1980, [1 Dec. 1980] 27648 (introductory abstract), 28072, 28912, 28915, 28931-5, 28938-9, 29047, 29061-2, 29197, 29250, 29331-2, 29381, 29830, 29905, 30529, 30636-8, 31163-4, 31239, 31300-2, 32657, 32677, 32736
- Vacuum ultraviolet radiation physics**; Charlottesville, VA, USA, 2-6 June 1980, [Washington, DC, USA: US Naval Res. Lab. 1980] 16 (introductory abstract)
- VDE congress 1980**; Berlin, Germany, 6-8 Oct. 1980, [1980] 44745, 46580, 48782, 48790, 48849, 48911, 50122, 50778, 50891
- Vergence eye movements**; Boston, MA, USA, 11-12 Dec. 1978, [Sept. 1980] 32794 (introductory abstract), 35764-77, 35784-6
- Verwey transition**; Cambridge, England, 13-15 Sept. 1980, [Sept. 1980] 9764 (introductory abstract), 11715, 11734-6, 11879, 12032-3, 12046-8, 12154-6, 12274, 12359, 12437-9, 12498, 12524
- Wind and seismic effects**; Gaithersburg, MD, USA, 23-26 May 1978, [Washington, DC, USA: NBS 1980, \$11.00] 49884 (introductory abstract)
- Wire chambers**; Vienna, Austria, 27-29 Feb. 1980, [1 Oct. 1980] 13915 (introductory abstract), 14721-72, 14776-84, 14786, 28790

World nuclear energy: Washington, DC, USA, 16-21 Nov. 1980, [Nov. 1980] 40599 (introductory abstract), 41168-9, 41172-9, 41188-218, 41221-4, 41232-50, 41257-60, 41277-9, 41288, 43562, 43635-6, 43728, 43749-51, 43788, 43832-3, 43840, 43924, 43991-4, 45570-7,

45585-91, 45598-622, 45641-709, 45712-13, 45717-19, 45731, 45742-4, 46720, 47121, 48581-4, 48725, 48808, 50102, 50603, 50669-72, 50711-47, 50768-77, 50791-844, 50851-90, 50909-13, 50938-40, 50958-68, 50976, 50993, 51020, 51861, 51888, 53390, 53528, 53817

CORPORATE AUTHOR INDEX

AGARD, Neuilly-sur-Seine, France

A critical commentary on mean flow data for two-dimensional compressible turbulent boundary layers, AGARD-AG-253. 11386
Cryogenic wind tunnels, AGARD-LS-111. 15562

Atomic Energy Board, Pelindaba, Pretoria, S.Africa

ROAC—a new dimension in radon prospecting, PER-48. 9292

Atomic Energy Canada Ltd., Chalk River, Ont

Analysis of the Three Mile Island accident, AECL-7065. 50895
The behaviour of defected Zircaloy-clad UO_2 fuel elements with graphite coatings between fuel and sheath irradiated at linear powers of 48 kW/m in pressurized water, AECL-6787. 28608

Biological effects of low doses of ionizing radiation: three review papers, AECL-7059. 39971

CANDU fuel quality and how it is achieved, AECL-7061. 50780

The CHEER polarization rotator, AECL-7093. 37044

Chemical, radiochemical and structural properties of corrosion products on CANDU Monel-400 boiler surfaces, AECL-5684. 23773

Comparison of the performance of plaque-mounted and unmounted TLD's carried in a personal dosimetry badge, AECL-7095. 50979

Corrosion products in power generating systems, AECL-6877. 26682

Demonstration of crack growth by delayed hydrogen cracking in the rolled joints of Zr-2.5 wt% Nb pressure tubes, AECL-6853. 788

Design and construction of a novel compact doubly achromatic asymmetric 270° magnet system for a 25 MeV therapy electron accelerator, AECL-7057. 51021

A disposal centre for irradiated nuclear fuel: conceptual design study, AECL-6415. 23831

Distributed terminal support in a data acquisition system for nuclear research reactors, AECL-7056/1. 50896

Dose response curves for effects of low-level radiation, AECL-7059. 40011

Eddy current detection of corrosion damage in heat exchanger tubes, AECL-6965. 8522

The effect of thermal cycling on the movement of the α Zr/ α Zr+hydride phase boundary in cold-worked Zr-2.5 wt% Nb alloy, AECL-6883. 35292

Electricity/oil substitution, AECL-7067. 26829

The Electron Test Accelerator safety in design and operation, AECL-6978. 37029

The environmental behaviour of radium, AECL-6796. 26858

The environmental behaviour of uranium and thorium, AECL-6795. 6058

Evaluation of matrices for immobilizing ion-exchange resins, AECL-6971. 23834

Fission gas release from thorium-based fuels: comparison with model predictions, AECL-6983. 23776

Genetic effects of ionizing radiation, AECL-7059. 39972

Graphite-sheathed fuel elements irradiated in superheated steam coolant, AECL-6881. 23774

Heat treatment to improve the toughness of 12% chromium steels, AECL-6776. 53221

Hydride redistribution and crack growth in Zr-2.5 wt% Nb stressed in torsion, AECL-6799. 53252

Industrial process heat from CANDU reactors, AECL-7066. 32000

Instrumentation computer software and experimental techniques used in low-frequency internal friction studies at WNRE, AECL-6438. 12952

Irradiation growth in zirconium alloys: A review, AECL-7053. 50779

Lasers for inertial confinement fusion research, AECL-7058. 33349

Mathematical model of an automatic assembler to stack fuel pellets, AECL-6790. 45720

Modification of x-ray-induced oncogenic transformation and cell killing by hyperthermia and 5-bromodeoxyuridine in cultured C3H-10T1/2 cells, AECL-6803. 39974

Nonlinear internal friction in a single crystal of zirconium, AECL 6442. 2462

Nuclear energy and radiation, AECL-7059. 39973

Nuclear energy—one road to self-sufficiency, AECL-6963. 26828

Operating characteristics of vanadium, platinum, and cobalt self-powered flux detectors on the X-6 pressure tube of the NRX reactor, AECL-6957. 50894

Pocket warning γ -dosimeter with numerical display, AECL-7062. 50977

R & D in control, instrumentation, and electronic systems at CRNL, AECL-7076. 45714

Radiation effects on living systems: a bibliography of AECL publications, AECL-6797. 17967

Research and development experience. The physics of CANDU reactors, AECL-6960. 5987

Research and development for CANDU fuel channels and fuel, AECL-6953. 23775

A selected bibliography of radiation effects on whole organisms, populations and ecosystems, AECL-6798. 13954

Signals produced by Inconel mineral insulated coaxial cables in neutron and gamma-ray fields, AECL-6876. 23833

Some highlights of research and development at AECL, AECL-6959. 23751

The spectrographic analysis of plutonium oxide or mixed plutonium oxide/uranium oxide fuel pellets by the dried residue technique, AECL-6969. 5984

A summary of recent Zircaloy fretting wear tests at Westinghouse Canada Limited, AECL-5990. 31687

Transfer coefficients to terrestrial food products in equilibrium assessment models for nuclear installations, AECL-6449. 8776

TRANSOPTR—a second order beam transport design code with automatic internal optimization and general constraints, AECL-6975. 28783

The use of thermocouples which transmute during service in nuclear reactors, AECL-6967. 28551

Verification of a mechanistic model for the strain rate of Zircaloy-4 fuel sheaths during transient heating, AECL-7051. 48453

Wide range survey meter for estimating γ - and β -dose rates, AECL-6843. 50978

X-ray measurement of residual stress in metals at Chalk River Nuclear Laboratories, AECL-6961. 28141

Bur. Mines, Washington, DC, USA

Characterization of thin films and solid surfaces using proton-induced X-ray emission, RI-8455. 48775

Effect of additives on sintering of silicon nitride-alumina compositions, RI-7466. 48312

Electrochemical corrosion behavior of alloys formed by ion implantation, RI 8431. 4007

Electrochemical corrosion of iron-chromium alloys under ultra-high-purity conditions, RI-8425. 39541

Experiments in hot-rolling and forging of ductile cast iron, RI-8448. 48403

High-temperature corrosion resistance of alumina refractories to lignite ash slags, RI 8430. 3960

Preparing rare earth-silicon-iron-aluminum alloys, RI 8445. 39280

Central Res. Inst. Electric Power Ind., Tokyo, Japan

Development of high performance (chemiluminescence) instrument for measuring atmospheric NO_x , E279005. 4240

The evaluation of thermal fatigue strength of a 2 1/4 Cr-1 Mo steel under creep-fatigue interaction, E279007. 3935

CERN, Geneva, Switzerland

Precise measurements of particle production by 400 GeV/c protons on beryllium targets, CERN 80-07. 14529

Comm. European Communities, Luxembourg

Acoustic emission studies in offshore engineering, EUR 6906 EN. 53395

Applicability of acoustic emission to steel structures, EUR6464 EN. 12875

Aptitude des aciers au formage a froid (Susceptibility of steels to cold forming), EUR 6651 FR. 21479

Ausscheidung und Kriechfestigkeit (Precipitation and creep resistance), EUR 6551 DE. 3752

Caractérisation de la morphologie de surface des toles laminées a froid (Characterisation of the surface morphology of cold rolled sheets), EUR-6430 FR. 21477

Casting and solidification in electroslog remelted steel, EUR 6592 FR. 3725

The Community's R&D programme on radioactive waste management and storage, EUR 6650 EN. 864

The computer code CONDIF (release I) for transient convective-conductive heat transfer. I. Finite element modelling, EUR-6822 EN (Part I). 29511

The computer code CONDIF (release I) for transient convective-conductive heat transfer. II. Users manual, EUR-6822 EN (Part II). 29512

Cost effectiveness of grouped solar heating schemes, EUR6697 EN. 17246

A critical review of nuclear accident dosimeters, EUR 6838 EN. 5974

Detection des défauts de surface par courants de foucault (Detection of surface defects with the help of eddy currents), EUR-6704 FR. 21688

Development of a Cd-Se thin film solar cell, EUR 6954DE. 26838

Development of a selective surface vacuum collector, EUR 6800 EN. 21920

Development of a thermal storage system based on encapsulated P.C.-materials. III, EUR6677 EN. 17304

Developpement de methodes non destructives pour detecter la presence et suivre l'évolution de microfissures (Development of nondestructive methods to detect microcracks and follow their extension), EUR 6724 FR. 21690

Differential radiological impact of plutonium recycle in the light-water reactor fuel cycle: effluent discharges during normal operation, EUR 6992 EN. 50914

Emboutissabilité des toles minees. Microstructure et recristallisation des toles minees d'acier extra doux (Rolling of thin plates. Microstructure and recrystallization of low C steel sheet), EUR 6652 FR. 21478

Emission acoustica per controllo non distruttivo (Acoustic emission for non-destructive testing), EUR-6496-IT. 48638

Entwicklung einer Kadmiumselenid-Dünnschichtsolarzelle (Development of a cadmium selenide thin film solar cell), EUR 6954 DE. 48850

ESTI—European solar test installation. An introductory description, EUR6580 EN. 17157

Etude et réalisation d'une machine frigorifique a piston libre, a 3 sources de chaleur, fonctionnant suivant un cycle de Rankine (Design and development of a Rankine-cycle, free-piston refrigerator with 3 heat sources), EUR 6786 FR. 21895

Etude technico-economique de vitrages selectifs par revetements d'un depot conducteur transparent pour l'isolation thermique des batiments (Technical-economic study of selective glazing for coatings of a conductive transparent deposit for thermal insulation of structures), EUR 6804 FR. 39497

European solar collector testing activities and test methods, EUR-6815/I EN. 17247

GaAs-(GaAl)As solar cells to be used under concentrated solar light conditions, EUR 6934 EN. 32030

Influence des conditions de galvanisation sur les propriétés de depot de zinc. Application aux problèmes poses aux aciers pour galvanisation a facon (Influence of galvanizing conditions on the properties of the zinc deposit. Application to the problems posed by steels for galvanization), EUR-6727FR. 48588

An investigation of passive heating and cooling work in Europe, EUR6695 EN. 32002

Investigations on using the Earth as a natural heat source for heat pumps, EUR-6835-EN. 21841

The Kipp solarimeter. A review of its operation and calibration, EUR-6815/III EN. 17771

Mesure de l'épaisseur des revetements sur les toles (Thickness measurement of coatings on steel plate), EUR-6706-FR. 43639

The MW_{el} experimental solar thermal electric power plant of the European Economic Community, EUR6747 EN. 17207

Present status of rarefied gas dynamics approach to the structure of a laser-induced evaporating jet, EUR 6843 EN. 15514

Project A: solar energy applications to dwellings. A technical and economic study of the potential use of solar energy for the provision of space heating and hot water for dwellings, using stochastic modelling techniques, EUR6675 EN. 17186

- Relaxationsverhalten warmfester Stähle für Schrauben (Relaxation behaviour of creep resistant screw steels), EUR 6458 DE. 21503
Report on perfecting of low temperature 5-120°C thermal storage products, EUR 6678 EN. 17305
Results and analysis of the CEC round-robin testing of three solar collectors, EUR 6815/II EN. 17248
Simulation of metallurgical phenomena produced by hot strip rolling, EUR 6460 FR. 3807
Solar energy applications for dwellings; modelling and simulation part. Descriptions of simulation codes and monthly tables, EUR 6681/II EN. 21862
Solar energy programme of the Commission of the European Communities, EUR 6959 EN. 17187
Steigerung der Leistung von Umformanlagen durch Erforschung des Werkstoffverhaltens bei hohen Temperaturen und extremen Umformgeschwindigkeiten (Increase in the performance of deformation devices by research into material behaviour at high temperatures and extreme deformation rates), EUR 6868 I/II DE. 53396
Study of the morphology, fabrication and methods of increasing the efficiency of gallium arsenide Schottky-barrier solar cells, EUR 6933 EN. 26837
Toles en acier micro-allié pour chaudières (Micro-alloyed steel plate for boilers), EUR-6498 FR. 21494
Traitements thermomécaniques d'aciers sondables a moyen carbone (Thermomechanical treatment of weldable steels), EUR 6728 FR. 21495
Vorzugsorientierungen kaltgewalzter Bänder im Verlauf des Walzprozesses (Preferred orientation of cold rolled bands during rolling processes) [measurement instrument], EUR 6291 DE. 21689
Cooperative Res. Group of Low Dose Irradiation, Inst. of Biophysics, Acad. Sinica, Peking, China
Effect of chronic irradiation of ⁶⁰Co-γ-ray at low dose rate on rhesus monkey (Macaca mulatta), . 32210
Danish Atomic Energy Comm., Roskilde, Denmark
On the dynamics of gravity flows, RISO-R-420. 49376
The optimum code in single-particle velocity estimation with a laser anemometer, RISO-R-413. 2117
Defence Sci. & Technol. Organ., Electron. Res. Lab., Adelaide, SA, Australia
Pulse transmission mode laser, ERL-0167-TM. 51511
Defence Sci. & Technol. Organ., Mater. Res. Labs., Melbourne, Vic., Australia
Low temperature annealing of 7.62 mm brass cartridge cases: Stress corrosion susceptibility, MRL-R-778. 53222
Defence Sci. & Technol. Organisation Materials Res. Labs., Melbourne, Victoria, Australia
A 10 meganewton (1000 tonf) force standard, MRL-R-768. 256
Data controller system for fatigue crack monitoring using a potential drop technique, MRL-TN-429. 39582
A high-sensitivity potential-drop technique for fatigue crack growth measurements, MRL-R-755. 4039
Doublet III Groups, General Atomic Co., San Diego, CA, USA
Status of impurity studies in Doublet III, . 25037
Eindhoven Univ. Technol., Netherlands
Electromagnetic radiation in plasmas and in moving simple media. A geometric optics formulation matched to far zone field approximations, TH-80-E-105. 42179
Electron momentum transfer cross-section in cesium and related calculations of the local parameters of Cs + Ar MHD plasmas, TH-79-E-96. 46858
EQUIPE TFR, Dept. de Recherches sur la Fusion Contrôlée, CEN, Fontenay-aux-Roses, France
Tokamak scaling laws, with special emphasis on TFR experimental results, 15636
European Space Agency, Paris, France
The faint object camera for the space telescope, ESA SP-1028. 17770
Reflections on the economics of the European space programme, ESA STR-207. 49893
Heliotron E Group, Plasma Phys. Lab., Kyoto Univ., Gokasho, Uji, Japan
Diagnostics in Heliotron-E, . 19965
Hungarian Acad. Sci., Budapest
Cluster perturbation theory for classical fluids. I, KFKI-1980-114. 38223
Cluster perturbation theory for classical fluids. II. Applications for a hard sphere reference system, KFKI-1980-121. 52038
Development and investigation of the thermometric correlational system of measuring the heat carrier losses in a type RBM-K reactor, KFKI-1980-70. 36995
Dipole-dipole interaction and short range order in amorphous Ni-P, Ni-Cu-P and Ni-P-B alloys, KFKI-1980-37. 12417
Direct digital control of the WWR-SM research reactor, KFKI-1980-68. 28672
e-e scattering in the presence of an external field, KFKI-1980-53. 15060
Effect of weak hopping on the behaviour of the one-dimensional box model, KFKI-1980-41. 8026
Einstein's theory recovered, KFKI-1980-113. 50014
Elastic and inelastic proton scattering from even palladium isotopes, KFKI-1980-22. 5758
Energy dependence of CaSO₄:Dy and LiF TLDs, KFKI-1980-51. 28835
Evaluation of APSDs from in-core measurements in a BWR, KFKI-1980-49. 14675
An exact fractionally charged selfdual solution, KFKI-1980-60. 14275
Exact multimonomer solutions in the Bogomolny-Prasad-Sommerfield limit, KFKI-1980-122. 50015
Excitations with complex wavenumbers in a Hubbard chain. I. States with one pair of complex wavenumbers, KFKI-1980-61. 30610
Excitations with complex wavenumbers in a Hubbard chain. II. States with several pairs of complex wavenumbers, KFKI-1980-62. 20603
High intensity narrow light pulse produced by self-focusing in laser spark, KFKI-1980-39. 6624
How does the global structure of the interplanetary magnetic field affect cosmic ray modulation?, KFKI-1980-72. 22648
Influence of structural relaxation on basic magnetic properties in metallic glasses, KFKI-1980-40. 3179
Infrared spectra of the neutron irradiated quasi-one-dimensional charge transfer salts TEA(TCNQ)₂ and Qn(TCNQ)₂, KFKI-1980-23. 3421
Introduction to twister particle theory, KFKI-1980-76. 36555
Investigation of amorphous-crystalline transition in Fe-B metallic glasses by photoemission, KFKI-1980-105. 48242
Investigation of chemically deposited and electrodeposited amorphous Ni-P alloys, KFKI-1980-34. 2340
Ising models without phase transitions, KFKI-1980-117. 42980
ISU(3) hadron mass formula, KFKI-1980-126. 50409
Kondo like state in a simple model for metallic glasses, KFKI-1980-125. 52554
Limits on neutrino degeneracy from early nucleosynthesis, KFKI-1980-59. 14314
Microscopic optical potential for ²⁴Mg, ²³Mg, ²³Na, KFKI-1980-124. 50565
A model description of ferroelectric phase transitions, KFKI-1980-115. 43078
New interpretation of light scattering measurements in nematic liquid crystals, KFKI-1980-47. 30055
Nyomottvizes reaktorok primer vizközének analitikai és mintaveteli problémái-irodalmi tanulmány (pressurised water reactor primary coolant analysis, sampling problems—short outline, KFKI-1980-69. 23750
On the ideal behaviour of the equimolar H₂O-D₂O mixture, KFKI-1980-16. 11876
Plasma diagnostics with lasers, KFKI-1980-119. 25070
Recent bibliography on analytical and sampling problems of a PWR primary coolant, KFKI-1980-48. 13953
Some iron-based metallic glasses studied by positron annihilation, KFKI-1980-74. 43211
Space structure of hadrons and soft processes, KFKI-1980-118. 50404
Study of nonlocal and local equivalent microscopic optical potentials, KFKI-1980-123. 45480
Temperature effects in positronium quenching and inhibition in glycerol-water solutions, KFKI-1980-112. 43212
Theoretical approach to charge transfer between molecules and their ions, KFKI-1980-56. 15006
Vapour pressure isotope effect of the equimolar H₂O-D₂O mixture, KFKI-1980-15. 11875
Int. Inst. Appl. Syst. Anal., Laxenburg, Austria
Possible climatic consequences of a man-made global warming, RR-80-30. 40184
Israel Atomic Energy Comm., Tel Aviv
Curium-246 neutron data evaluation, IA-1358. 14528
The first spectrum of erbium—description and classification, IA-1354-T. 10683
Inst. Naz. Fis. Nucl., Catania, Italy
Elementary particles as micro-universes, PP/657. 36851
On the ¹⁵D, ⁶Li state at about 5.7 MeV excitation energy, INFN/BE-80/10. 50491
The Treiman-Yang criterion and its application to the study of quasi-free reactions at low energy, INFN/BE-80/7. 14532
Inst. Naz. Fis. Nucl., Genoa, Italy
Design of RF resonant cavities with minimum surface electric field for a superconducting multichannel e⁻ linear accelerator, INFN/TC-80/11. 37030
Surface waves in pion-pion elastic scattering, INFN/AE-80/3. 14416
Utilizzazione di un display alfa-numerico per visualizzare eventi da camera a bolle (Utilisation of an alpha-numeric display for visualisation of bubble chamber events), INFN/AE-80/2. 6103
Inst. Naz. Fis. Nucl., Milan, Italy
D.A.G., a digital to analog generator of coincident pulse pairs, INFN/BE-80/9. 37078
Inst. Naz. Fis. Nucl., Naples, Italy
The ¹⁹F(p,α)¹⁶O reaction and the quartet model, INFN/BE-80/5. 18624
Cross-correlation effects in preequilibrium fluctuation analysis, INFN/BE-80/8. 14511
A program for automatic radioelemental analysis: discussion of the method and results on a test spectrum, INFN/BE-80/6. 8645
Inst. Naz. Fis. Nucl., Padua, Italy
Czechalski growing of cobalt single crystals, INFN/TI-80/1. 3614
Inst. Naz. Fis. Nucl., Pisa, Italy
MWPC with a cathode coupled delay line read-out as radioactivity detector for DNA repair studies, INFN/TC-80/14. 51061
Inst. Naz. Fis. Nucl., Trieste, Italy
Geometrical aspects of nonlinear sigma models, INFN/AE-80/1. 50338
MARY: a computer code for the analysis of γ-rays following compound inelastic scattering of neutrons in experiments using close neutron source-to-scatterer geometry, INFN/BE-80/4. 50551
On the instanton contribution to the string tension, INFN/AE-80/4. 50339
Response of organic scintillators as targets sensitive to slow proton recoils measured by neutron scattering, INFN/AE-79/5. 51060
Jet Propulsion Lab., NASA, Pasadena, CA, USA
New mounting improves solar-cell efficiency, . 26835
John F. Kennedy Space Center, NASA, FL, USA
Safely splicing glass optical fibers, . 33838
K & B Grubbs Instrument GmbH & Co. KG, Dusseldorf, Germany
Technique for preparing polished sections of ceramic specimens, . 31799
Kernforschungsanlage, Jülich, Germany
Anmerkungen zur thermochemischen Produktion von Wasserstoff aus Wasser mittels Hochtemperaturreaktor-Wärme (Remarks on the thermochemical production of hydrogen from water using heat from a HTR), JUL-1660. 8775
Break-down of coronal equilibrium in lithium impurity transport, JUL-1683. 51923
Calculations for the release of metallic fission products of HTR cores of different design variants, JUL-1674. 5975
Characterisation of ceramic materials with the aid of small-angle X-ray scattering, JUL-1662. 35262
Constant heat flux plasma limiter for TEXTOR, JUL-1681. 45732
Crystal structure investigations on cation-substituted alums by X-ray and neutron diffraction, JUL-1653. 30203
Das Trocknen von HTR-Brenn- und Bruststoffpartikeln und Erfahrungen mit einem Bandtrockner (Drying of HTR fissile and fertile particles and experience with a belt dryer), JUL-1680. 28689
An estimate on the concept of convection coding in the boundary-layer of toroidal fusion plasmas, JUL-1666. 6002
Experimental and theoretical investigations on the transmission of sound through single and double plates in air and helium at pressures up to 50 bars, JUL-1667. 19488
Extraktionschromatographische Abtrennung von Neptunium und Plutonium aus Prozessströmen einer Wiederaufarbeitungsanlage für HTR-Brennelemente (Extraction chromatographic process for neptunium and plutonium from end stream HTR fuel reprocessing), JUL-1655. 5985
Helium-diffusion in nickel bei hohen Temperaturen (Helium-diffusion in nickel at high temperatures), JUL-1679. 42584
Investigations of secondary ion formation on oxygen covered surfaces of binary alloys, JUL-1651. 8185
Neutron physical and thermohydraulic design of an annular reactor with spherical fuel elements and proposal of a shut-down system, JUL-1644. 756

- Optimierung der Phasenkenntnis mittels kontrastier-kammer für hochwarme-feste metallische Legierungen (Optimization of phase analysis of refractory alloys in the gas-ion-reaction chamber), JUL-1654. 21687
- POWLS-60. Program for refinement of powder diffraction data (POWDER LEAST SQUARES), JUL-1646. 2290
- Problems of heat removal at first wall components of INTOR, JUL-1691. 41251
- Quantitative Gefügeanalyse farbkontrastierter hochwärmefester metallischer legierungen (Qualitative texture analysis of colour contrasted high temperature metallic alloys), JUL-1673. 48639
- Scale up of a gas injector for HTR fuel coating in fluidized beds, JUL-1678. 50915
- Status of the fuel stress and failure rate calculations at KFA, JUL-1686. 50782
- Untersuchung von Frenkeldefekten in tieftemperaturbestrahlten HCP Kristallen mit Hilfe der diffusen Röntgenstreuung (Investigation of Frenkel defects in low temperature irradiated HCP crystals by means of diffuse X-ray scattering, Jul-1650. 7210)
- Untersuchungen zur Gelterung metallischer Spalt-produkte im Primärkühlkreislauf eines Hochtemperaturreaktors (investigations on the getting of metallic fission products in the primary circuit of a high temperature reactor), JUL-1670. 28552
- Verhalten beschichteter Kernbrennstoffteilchen unter mechanischer Druckbelastung (Protective coatings for nuclear fuel particles under mechanical loading), JUL-1627. 37002
- VSOP—Computer code system for reactor physics and fuel cycle simulation, JUL-1649. 33340
- Washing of gel particles in wet chemical manufacture of reactor fuel particles, JUL-1664. 5986
- Langley Res. Center, NASA, Hampton, VA, USA**
Photoelectrochemical cell with nondissolving anode, . 26840
- Lewis Res. Center, NASA, Cleveland, OH, USA**
Compact, super heat exchanger, . 33871
Ion-beam cleaning for cold welds, . 35429
Ion-beam etching enhances adhesive bonding, . 35430
- Magnetic Standards Group, Electromagnetic Div., Nat. Inst. of Metrology, China**
Measurement and application of the gyromagnetic ratio of the proton, 23501
- Marshall Space Flight Center, NASA, AL, USA**
Crossed-grid charge locator [X-ray telescope], . 27383
- Metals Res. Labs., Olin Corp., New Haven, CT, USA**
The dealloying of copper-manganese alloys, . 21629
- Nagoya Univ., Japan**
Analysis for production of fast ions in laser-irradiated target. II. In spherical target, IPPJ-446. 10048
Analysis for production of fast ions in laser-irradiated target. I. In plane target (affection of electrostatic instability), IPPJ-465. 10047
Anomalous deceleration of light ion beam in plasma of inertial confinement fusion, IPPJ-479. 25005
Anomalous viscosity due to weak turbulence in imploding target plasma, IPPJ-473. 24934
Anomalous viscosity in turbulent plasma due to electromagnetic instability. I, IPPJ-442. 11527
Anomalous viscosity in turbulent plasma due to electromagnetic instability. II, IPPJ-443. 11528
Comparative study of energy accounting for heavy ion fusion with various driver accelerators, IPPJ-454. 18894
Computer simulation on microinstabilities and anomalous resistivity near the magnetic neutral sheet, IPPJ-487. 46921
Control of toroidal expansion of high beta plasma column in pinch Tokamak by programmed pulsed vertical field, IPPJ-444. 11590
Current-carrying plasma in ferromak, IPPJ-458. 11591
Effects of impurity ions on the anomalous diffusion due to the dissipative trapped ion instability, IPPJ-468. 11530
Generalized Gel'fand-Levitan equation and variational relations of the Kaup-Newell equation, IPPJ-463. 5166
Heat transport due to the collisionless tearing instabilities, IPPJ-461. 11529
Heating of toroidal plasmas in universities in Japan, IPPJ-492. 46901
Interaction of ion-acoustic solitons in two-dimensional space, IPPJ-459. 5116
Lower hybrid heating experiments in JIPP T-II, IPPJ-469. 11576
A measurement of deuterium neutral by the Balmer-series in the STP-2 high beta screw pinch Tokamak, IPPJ-471. 15653
Mechanism for ion heating by lower hybrid waves, IPPJ-476. 25007
Mixing length hypothesis in the dissipative trapped ion instability, IPPJ-481. 42173
Non-axisymmetric Alfvén wave excited by a helical coupler, IPPJ-491. 46886
Numerical analysis of sawtooth oscillation in low-q DIVA experiment, IPPJ-490. 46922
Numerical simulation of density evolution in JIPP T-2 tokamak, IPPJ-483. 46855
Numerical study of explosive tearing mode instability in one-component plasmas, IPPJ-486. 42174
Numerical study of LHRRF-heating in a Tokamak, IPPJ-467. 11575
Oblique collision of plane ion-acoustic solitons, IPPJ-475. 24929
An optimization of fusion plasma parameters, IPPJ-460. 6000
Particle simulation studies on behavior of laser-produced high- β plasma in a magnetic field, IPPJ-452. 2229
Preionization and heating of plasma at the electron cyclotron frequency in JIPP T-II stellarator, IPPJ-489. 46902
Preliminary experiment of neutral beam injection heating in JIPP T-II stellarator, IJJP-470. 15624
Quasi-static compressional heating of a tokamak, IPPJ-495. 42187
Radiation-effective charge number of ions in a fusion plasma, IPPJ-462. 6001
Reflection of oblique electron thermal modes in an inhomogeneous plasma, IPPJ-457. 11518
Relation between Weibel instability and magnetic field generating thermal instability, IPPJ-485. 46885
A relaxed condition for purely ohmic ignition in reversed field pinch configurations, IPPJ-472. 25050
Resonant interaction of solitons and Aakharov-Shabat theory, IPPJ-456. 18051
Review on resonance cone fields, IPPJ-446. 11517
Simulation of adiabatic compression plasma, IPPJ-494. 42203
Simulation of plasma confinement in RF plugged cusp field, IPPJ-477. 25051
- Spinning plasma ring stable to tilting mode, IPPJ-478. 24973
Stochasticity of phase trajectory of a charged particle in a plasma wave, IPPJ-464. 11519
Suppression of beam-excited electron waves by an externally applied RF signal, IPPJ-488. 46898
Surface study of fusion research in universities linkage organization, IPPJ-455. 5999
Tearing modes in a current sheet with weak normal magnetic field, IPPJ-474. 24946
Two dimensional behavior of solitons in a low- β plasma with convective motion, IPPJ-480. 24930
- Nat. Aeronaut. Lab., Bangalore, India**
Measurement of thickness of thin films by the x-ray diffraction method, NAL-TN-55. 53394
- Nat. Bur. Stand., Washington, DC, USA**
Bibliography on atomic transition probabilities (November 1977 through March 1980), NBS-SP-505/1. 13945
Calculation of fluorescent efficiency from experimental data by the Huygens principle, NBS-TN-1020. 31201
Evaluation of three-terminal and four-terminal pair capacitors at high frequencies, NBS-TN-1024. 50173
Metal-on-quartz filters as a standard reference material for spectrophotometry—SRM 2031, NBS-SP-260-68. 6642
SHIELD0SE: A computer code for space-shielding radiation dose calculations, NBS-TN-116. 10550
Sunspot cycle simulation using a narrowband Gaussian process, NBS-TN-1022. 54469
Use of infrared thermography for industrial heat balance calculations, NBS TN 1129. 18233
User evaluation of crystal data products and services: questionnaire analysis and impact, NBS TN 1112. 9794
- Nat. Engng. Lab., East Kilbride, Scotland**
Computer procedures and experimental study of fibre reinforced composite, NEL 668. 3818
Mode I branch cracks and their implications for combined mode failure, NEL 667. 1898
Proving the traceability of flow measurement laboratories, NEL 670. 2118
- Nat. Inst. Metall., Randburg, S.Africa**
Automatic setting of the distance between sample and detector in gamma-ray spectroscopy, NIM-2069. 28142
An elementary introduction to image analysis—a new field of interest at the National Institute for Metallurgy, NIM 2058. 4040
The reduction by computer of photoplate data obtained by spark-source mass spectrometry, NIM 2062. 14208
- Nat. Phys. Lab., Teddington, England**
A case study of environmental noise evaluation, NPL AC 96. 1772
The cleaning of optical surfaces, NPL-MOM-46. 15295
The effect of austenitising treatments on the microstructure and creep properties of commercial and high-purity $1/2\text{Cr}-1/2\text{Mo}-1/4\text{V}$ steels, NPL-DMA(A) 13. 8357
Hardness testing, a survey of Rockwell C scale diamond indenters, NPL-NOM-40. 8523
The modification and calibration of a thermo-electric radiometer for power measurements at submillimetre wavelengths, NPL-DES-68. 36722
Monochromator response calibration in the region 115 to 340 nm using a deuterium lamp as a radiance transfer standard, NPL-QU-60. 15254
New equations for the representation of vapour-liquid equilibria data for isothermal binary mixtures, NPL-Chem-115. 38492
Numerical determination of fluid velocities and pressure for a steady two-dimensional viscous flow in a circular cavity, NPL-NACS 31/80. 15500
An objective experimental method for studying aversion to noise, NPL-AC-98. 29459
On obtaining the Henry from the Farad, NPL-DES-63. 9963
Optical constants of some common low loss polymers between 4 and 40 cm^{-1} , NPL-DES-69. 49885
Ordered list of optically-pumped laser lines (continuous, $\lambda > 9 \mu\text{m}$), NPL-QU45. 49886
The solution of plate deflection problems by finite difference methods, NPL-DMA(A)14. 24706
A study of the effects of fluctuation frequency on adverse reactions to noise, NPL-AC-97. 29458
The surface analysis of insulators by SIMS and XPS: charge neutralisation-stabilisation of the surface potential, NPL-Chem-108. 43237
A temperature off-limit alarm, NPL-DES-65. 9984
- Palomar Obs., California Inst. of Technol., Pasadena, CA, USA**
IUE and visual spectrometry of Markarian 9, Markarian 10, and 3C 390.3, . 54607
- Phys.-Tech. Bundesanstalt, Braunschweig, Germany**
4 π -Messung mit zwei NaI(Tl)-Bohrlochkristallen zur Aktivitätsbestimmung von Radionukliden mit komplexem Zerfallsschema (4 π measurements with two NaI(Tl) well type crystals for activity values of radionuclides with complex decay schemes), PTB-Ra-10. 6102
Bestimmung der Aktivität von Schwellenwertsonden aus Rhodium (Determination of threshold activity values for rhodium), PTB-FMRB-77. 8644
MARS-TR 440 Ein Programm zur Berechnung des Bremsvermögens, der Reichweite, der Energie- und Kleinwinkelstreuung von Ionen in Materie (MARS-TR 440 A program to calculate the stopping power and energy ranges of heavy ions in materials), PTB-ND-19. 10614
- Res. Committee on Extraction of Uranium from Seawater, Atomic Energy Society of Japan, Tokyo, Japan**
Present status and problems on extraction of uranium from seawater, 18743
- Res. Inst., Univ. of Dayton, Dayton, OH, USA**
Molecular behavior of amorphous polystyrene under tensile stress, . 39383
- Rutherford & Appleton Labs., Chilton, Oxon., England**
Absence of neutrinos on a lattice. I. Proof by homotopy theory, RL-80-090. 50340
A 'confinement safe' charge measure for QCD jets, RL-80-040. 14353
Diquark fragmentation in pp collisions at ISR, RL-80-057. 14436
The effects of configuration mixing on excited charmonium decays, RL-80-071. 28298
Exotic atoms; A review, RL-80-094. 46176
The first lap in QCD, RL-80-063. 14355
Heavy vector mesons, RL-80-060. 23506
A large scintillator array for particle identification by time of flight, RL-80-037. 6101
A model for multiparticle production in high-energy hadron-nucleus collisions, RL-80-059. 23613

- The neutron charge form factor in a quark model with hyperfine interactions, RL-80-053. 14393
- New approach to interactions in the MIT bag, RL-80-081. 50403
- New high statistics data on $K^-p \rightarrow 2$ -body final states over the C.M. Energy Range 1720 to 1796 MeV, RL-80-073. 36880
- On the average charged particle multiplicities in pp , πp and e^+e^- interactions, RL-80-046. 23526
- On the role of diquarks in deep inelastic structure functions, RL-80-058. 23502
- Partial wave analysis of backwardly produced three pion systems in K^-p interactions at 4.2 GeV/c, RL-80-072. 28347
- Picture of QCD jets: Leading log approximation and beyond it, RL-80-099. 45239
- Polarization in K^+n charge exchange scattering between 0.851 GeV/c and 1.351 GeV/c, RL-80-039. 23518
- Proceedings of the second workshop on polarised target materials, RL-80-080. 37045
- QCD and spectroscopy, RL-80-051. 14354
- QCD contribution to vacuum polarization. II. The pseudoscalar unequal mass case, RL-80-067. 23481
- QCD perturbation theory for confined quarks and gluons. II. Wavefunction mixing and neutron charge radius, RL-80-079. 50402
- Reaction $\pi^+p \rightarrow \pi^+\pi^0\pi^0$ at 4 GeV/c: No evidence for a narrow ϵ , RL-81-004. 50461
- $S = -1$ baryons—an experimental review, RL-80-045. 10253
- Spin-rotation formalism for meson-baryon scattering, RL-80-076. 36877
- Section Quimica Teorica, INIFTA, La Plata, Argentina**
- Comment on the off-diagonal Hellmann-Feynman formula, . 23036
- Smithsonian Inst. Astrophys. Obs., Cambridge, MA, USA**
- Sample spectral atlas for Sirius, SAO-387. 9390
- Wave and particle phenomena induced by an electrodynamic tether, SAO-388. 4745
- Sveriges Mekanismråd, Stockholm, Sweden**
- Optimum properties of a high-quality silicon alloyed aluminium casting alloy, IVF-resultat 80607. 3870
- Tech. Res. Centre Finland, Nuclear Eng. Lab., Helsinki**
- ARANO-A computer program for the assessment of radiological consequences of atmospheric radioactive releases, 53. 39856
- A nodal method of calculating power distributions for LWR-type reactors with square fuel lattices, 51. 23832
- Reactor physics of sodium-cooled fast breeder reactors, 52. 50750
- REWET-I single pin reflood experiments, 49. 23752
- TFR Group, CEN, Fontenay-aux-Roses, France**
- Bolometric techniques on TFR 600, . 29907
- Recycling and particle confinement characteristics in TFR 600, . 25038
- Calculation of electron band gap in molten UO_2 , SRD-R-189. 34613
- The characterisation and evaluation of uncertainty in probabilistic risk analysis, SRD-R-190. 28673
- The development of response spectra from strong-motion earthquake time histories, SRD-R-180. 9118
- An improved equation of state for inert gases at high pressures, SRD-R-188. 15569
- The influence of soil behaviour on the aseismic design of nuclear power plants. I. Material properties and modelling choices, SRD-R-197. 36994
- The metal/water explosion phenomenon—a review of present understanding, SRD-R 177. 10505
- Summary of the risk assessment made of the transport of plutonium nitrate, SRD-R-187. 28607
- UKAEA, Harwell, Oxon., England**
- Analysis of experimental errors in LDA measurements carried out for the ICE project, AERE-R 9465. 2116
- Annealing of ion implanted silicon, AERE-R 9868. 52166
- Calculation of methane profiles in AGR graphite structures. Part I. Cylindrical geometry, AERE-R 9815. 45592
- A comparison of image restoration methods, AERE-R 9671. 15093
- Computation of ion implantation uniformity, AERE-R 9586. 52165
- Development of instrumentation for nondestructive testing, AERE-R 9802. 53397
- A FACSIMILE code for calculating void swelling incorporating interactive and rate limitation options: version VS2, AERE-R 9729. 5857
- High resolution γ spectra of 40-44 MeV γ photon activation products. III. A summary of γ -rays, radionuclides and nuclear interferences observed, AERE-R 9022. 50550
- Improvements to a flame photometric detector to allow measurement of sulphur gases in ambient air, AERE-R 9764. 48776
- A note on the application of stereometry to fractography, AERE-M 3103. 31818
- Nuclear accident dosimetry systems: U.K. measurements at the sixteenth intercomparison at O.R.N.L. August 1979, AERE-R 9657. 969
- Numerical study of natural convection in a square cavity, AERE-R 9747. 51780
- On the conditions required for vacancy loop growth in irradiated metals and alloys, AERE-R 9810. 38410
- Operating experience with The Harwell thermo-mechanical generators, AERE-R 9829. 13156
- The physical basis of remote sensing measurements at sea, AERE-R 9770. 9291
- Practical guide to the PLUTO small angle scattering spectrometer, AERE-R 9878. 14718
- Radioactive fallout in air and rain: results to end of 1979, AERE-R 9672. 13205
- Studies of environmental radioactivity in Cumbria. IV. Caesium-137 and plutonium in soils of Cumbria and the Isle of Man, AERE-R 9851. 13189
- Studies of environmental radioactivity in Cumbria. III. Measurements of radionuclides in airborne and deposited material, AERE-R 9857. 48934
- Variable dead time counters: II. A computer simulation, AERE-R 9367. 45805
- Variable dead time counters. III. A critical analysis, AERE-R 9701. 14773
- An X-ray study to follow the phase change of epitaxial layers of tin on indium antimonide, AERE-R9850. 30601
- UKAEA, Risley, Lancs., England**
- Development of fabrication techniques for europia/iron cermet tips for coarse-control arms in DIDO and PLUTO, ND-R-474(S). 53151
- The effect of mechanical restraint on the deformation of Zircaloy cladding, ND-R-546(s). 48452
- Finite element option for the MARC transport/diffusion theory computer code, ND-R-560(R). 50707
- Forced convection heat transfer from rib-roughened pins tested singly and in a cluster of seven, ND-R-487(W). 5840
- Isothermal grain-growth kinetics in sintered uranium dioxide, ND-R-438(S). 45626
- Metallographic techniques for the measurement of grain boundary precipitate in type 316 stainless steel, ND-R-455(R). 3751
- The prediction of temperatures in a cluster of seven rib-roughened heated pins, ND-R-488(W). 5841
- Small-angle neutron-scattering experiments. Part I. Use of the Harwell small-angle diffractometer, ND-R-467(S) Part 1. 50781
- UKAEA, Winfrith, Dorset, England**
- Analysis of the SEFOR I and II doppler experiments and their use in assessing the accuracy of calculated fast reactor doppler effects, AEEW-R 986. 5842
- Approximate models for the analysis of laser velocimetry correlation functions, AEEW-M 1827. 46833
- Determination of the residual plutonium masses in glove boxes, by remote measurements using solid thermoluminescent dosimeters, AEEW-R 1359. 51071
- Ukrainian SSR Acad. Sci., Kiev, USSR**
- Deviation from local thermodynamic equilibrium in the solar atmosphere: I. Methodology. The line source function, ITF-80-33R. 36261
- Isothermal cloud contraction by the increasing outer pressure, ITF-80-61R. 40551
- Nutation in the IAU System of Astronomical Constants, ITF-80-95R. 40046
- Univ. Lyon, France**
- Bandes de valence de trioxydes ABO_3 de structure perovskite: Spectroscopie de photoelectrons et calculs semi-empiriques des structures de bandes. Valence bands of perovskite ABO_3 type oxides: XPS photoelectron spectroscopy and semi-empirical calculations of band structures, LYCEN 8054. 38718
- Chemical and electronic structures of SiO_2 and SiO_x and a few oxides and bronzes of crystalline and amorphous tungsten by photoelectron spectroscopy study, LYCEN 7992. 3578
- The configuration d^n in cubic symmetry: a symmetry adapted weak field approach, LYCEN 8057. 16262
- The effect of pion absorption on πd elastic scattering from threshold to the resonance region, LYCEN-8040. 583
- Electronic structure and electrochromic properties of amorphous WO_3 films investigated by XPS, LYcen-8039. 3579
- Formulae for $y_m(r_1, x_{r_2})$, LYCEN/7976. 119
- High spin states in the odd-odd nucleus ^{108}In , LYCEN 8058. 18548
- Incidence of ferroelectric phase transitions on the electronic structure of potassium niobate, LYcen-8029. 34626
- On some special relations involving 3-jm symbols, LYCEN 8060. 14049
- On the origin of the leading particle effect in high energy hadronic processes, LYCEN-8064. 14435
- On the spectrum of $\text{Sm}^{2+}:\text{SrCIF}$, LYCEN/8008. 3491
- Photopion reactions, a probe for nuclear critical opalescence, LYCEN-8055. 14476
- Quark mass formula, LYcen-8049. 529
- Structure and decay modes of ordinary mesons, LYCEN/8041. 519
- Univ. Oslo, Norway**
- Eighty year period in short-lived sunspots, 52. 49602
- Univ. Oxford, England**
- Contrast control in the scanning optical microscope, OUEL-1337/80. 50201
- General bending-torsion theory, OUEL-1320/80. 24670
- A lattice model for membrane transport, OUEL-1325/80. 17109
- Metal coating of optical fibres, OUEL-1306/80. 15296
- Noise generation in cavitating flows. The submerged water jet. I, OUEL-1312/80. 24775
- Noise generation in cavitating flows. The submerged jet. II, OUEL-1313/80. 24776
- Testing techniques at high rates of strain, OUEL-1308/80. 48637
- A thermo-plastic shear instability criterion applied to surface cracking in upsetting and related processes, OUEL-1317/80. 48451
- Univ. Southampton, England**
- Measurements of fluctuating density and temperature in an axisymmetric flame, AASU 342. 5286
- W VII-A Team, Max-Planck-Inst. für Plasmaphys., Garching, Munchen, Germany**
- Stabilization of the (2,1) tearing mode and of the current disruption in the W VII-A stellarator, . 6952

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The text outlines the various methods used to collect and analyze data, including the use of statistical models and computerized databases. It also mentions the role of the audit committee in overseeing the process and ensuring that all procedures are followed correctly.

2. The second part of the document focuses on the specific steps involved in the audit process. It begins with the selection of the audit team, which is typically composed of members from different departments to ensure a comprehensive review. The next step is the planning phase, where the scope of the audit is defined and the resources are allocated. This is followed by the execution of the audit, which involves the collection of evidence and the application of professional judgment. Finally, the results are reported to the management and the audit committee, and any necessary corrective actions are implemented.

3. The third part of the document discusses the challenges faced by auditors in the current business environment. It highlights the increasing complexity of transactions and the need for auditors to stay up-to-date with the latest accounting standards and regulations. It also mentions the importance of maintaining a high level of independence and objectivity, as well as the need for continuous professional development. The text concludes by emphasizing the role of the audit committee in ensuring that the audit process is effective and that the financial statements are reliable.

4. The fourth part of the document provides a detailed overview of the audit process, from the initial planning to the final reporting. It describes the various steps involved in the audit, including the selection of the audit team, the planning phase, the execution of the audit, and the reporting of the results. It also discusses the importance of maintaining accurate records and the role of the audit committee in overseeing the process. The text emphasizes the need for auditors to maintain a high level of independence and objectivity, and the importance of continuous professional development.

5. The fifth part of the document discusses the challenges faced by auditors in the current business environment. It highlights the increasing complexity of transactions and the need for auditors to stay up-to-date with the latest accounting standards and regulations. It also mentions the importance of maintaining a high level of independence and objectivity, as well as the need for continuous professional development. The text concludes by emphasizing the role of the audit committee in ensuring that the audit process is effective and that the financial statements are reliable.

6. The sixth part of the document provides a detailed overview of the audit process, from the initial planning to the final reporting. It describes the various steps involved in the audit, including the selection of the audit team, the planning phase, the execution of the audit, and the reporting of the results. It also discusses the importance of maintaining accurate records and the role of the audit committee in overseeing the process. The text emphasizes the need for auditors to maintain a high level of independence and objectivity, and the importance of continuous professional development.

List of Journals

The periodical and serial publications listed below are regularly received and scanned by INSPEC for its information services. The selection of articles from any particular journal and their inclusion in any of the INSPEC abstracts journals (Physics Abstracts, Electric

cal & Electronics abstracts and Computer & Control Abstracts) depends on the subject and quality of those articles. However a list of those journals from which all articles are normally abstracted is given at the end of this list.

- ABU Tech. Rev. (Japan)** - (ABUTAU)
ABU Technical Review Asian Broadcasting Union, Broadcasting Centre, 2-2-1 Jinnan, Shibuya-ku, Tokyo 150, Japan
- ACEC Rev. (Belgium)** - (ACECAB)
ACEC Review Ateliers de Constructions Electriques de Charleroi, B.P. 4, B-6000 Charleroi, Belgium
- ACM Trans. Database Syst. (USA)** - (ATDSD3)
ACM Transactions on Database Systems Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- ACM Trans. Math. Software (USA)** - (ACMSCU)
ACM Transactions on Mathematical Software Association for Computing Machinery, P.O. Box 12105, Church Street Station, New York, NY 10249, USA
- ACM Trans. Program. Lang. & Syst. (USA)** - (ATPSDT)
ACM Transactions on Programming Languages and Systems Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Acoust. Imaging & Hologr. (USA)** - (AIHOD2)
Acoustical Imaging and Holography Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA
- Acoust. Lett. (GB)** - (ACLEDI)
Acoustic Letters 14 Broadway, London SW1H 0BH, England
- Act. Geod. Geophys. & Montan. (Hungary)** - (AGGMB9)
Acta Geodaetica, Geophysica et Montanistica Akademiai Kiado, 1054 Budapest, Alkotmány utca 21, Hungary
- Acta Astron. (Poland)** - (AASWAM)
Acta Astronomica ARS Polona-Ruch, Krakowskie Przedmiescie 7, 00-068 Warszawa, P.O. Box 1001, Poland
- Acta Astron. Sin. (China)** - (TIWHAO)
Acta Astronomica Sinica Chinese Astronomical Society, Nanking, People's Republic [English translation in: *Chin. Astron. (GB)*]
- Acta Astronaut. (GB)** - (AASCTF)
Acta Astronautica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Acta Cienc. Indica** - (ACIDBW)
Acta Ciencia Indica Pragati Prakashan, Begum Bridge, Post Box No. 62, Meerut-250001, India
- Acta Crystallogr. Sect. A (Denmark)** - (ACACBN)
Acta Crystallographica Section A: Crystal Physics, Diffraction, Theoretical and General Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark
- Acta Crystallogr. Sect. B (Denmark)** - (ACBCAR)
Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark
- Acta Electron. (France)** - (ACELAZ)
Acta Electronica 3 Avenue Descartes, BP 15, 94 450 Limeil-Brevannes, (Val-de-Marne), France
- Acta Fac. Rerum Nat. Univ. Comenianae Phys. (Czechoslovakia)** - (AFRNAP)
Acta Facultatis Rerum Naturalium Universitatis Comenianae, Physica Ustredna kniznica PFUK, 886 11 Bratislava, Ul. 29 Augusta c.5, Czechoslovakia
- Acta Geophys. Pol. (Poland)** - (AGPOAP)
Acta Geophysica Polonica ARS Polona-Ruch, 00-068 Warszawa, Krakowskie Przedmiescie 7, P.O. Box 1001, Poland
- Acta Geophys. Sin. (China)** - (TCWHAG)
Acta Geophysica Sinica Institute of Geophysics, Academia Sinica, P.O. Box 928, Beijing, People's Republic of China [English translation in: *Acta Geophys. Sin. (USA)*]
- Acta Geophys. Sin. (USA)** - (TCWHAG)
Acta Geophysica Sinica [Translation of: *Acta Geophys. Sin. (China)*] Plenum/China Program, 227 West 17th Street, New York, NY 10011, USA
- Acta Inf. (Germany)** - (AINFAT)
Acta Informatica Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Acta Manilana Ser. A (Philippines)** - (AMNIB6)
Acta Manilana. Series A University of Santo Tomas Research Centre, Manila D-403, Philippines
- Acta Math. Appl. Sin. (China)** - (YYSPDS)
Acta Mathematicae Applatae Sinica Science Press, Peking, People's Republic of China. Subscription address: Guozi Shudian, P.O. Box 399, Peking
- Acta Mech. (Austria)** - (AMHCAP)
Acta Mechanica Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria
- Acta Mech. Sin. (China)** - (LHHPAE)
Acta Mechanica Sinica Science Press, Peking, People's Republic of China. Subscription address: Guozi Shudian, P.O. Box 399, Peking
- Acta Metall. (USA)** - (AMETAR)
Acta Metallurgica Box 1088 Schenectady, NY. Publisher: Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA

- Acta Metall. Sin. (China)** - (CHSPA4)
Acta Metallurgica Sinica Chinese Metallurgical Society, Peking, People's Republic of China
- Acta Mex. Cienc. & Tecnol. (Mexico)** - (AMXCB4)
Acta Mexicana de Ciencia y Tecnologia Consejo Editorial Del Instituto Politecnico Nacional, Prolongacion De Diaz Miron Y Plan De San Luis, Apartado Postal 42-161, Mexico 17, DF, Mexico
- Acta Phys. Acad. Sci. Hung. (Hungary)** - (APAHQA)
Acta Physica Academiae Scientiarum Hungaricae Kultura, Hungarian Trading Co., H-1389 Budapest 62, P.O. Box 149, Hungary
- Acta Phys. Austriaca** - (APASAP)
Acta Physica Austriaca Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria
- Acta Phys. Pol. A (Poland)** - (ATPLB6)
Acta Physica Polonica A Polska Akademia Nauk, Editorial address, Reymonta 4, 30-059 Krakow, Poland
- Acta Phys. Pol. B (Poland)** - (APOBBB)
Acta Physica Polonica B Polska Akademia Nauk, Editorial address, Reymonta 4, 30-059 Krakow, Poland
- Acta Phys. Sin. (China)** - (WLHPAR)
Acta Physica Sinica Chinese Academy of Sciences, Institute of Physics, Peking, Peoples Republic of China
- Acta Phys. Slovaca (Czechoslovakia)** - (APSVCO)
Acta Physica Slovaca VEDA Publishing House of the Slovak Academy of Sciences, 89530 Bratislava, Klemensova 19, Czechoslovakia
- Acta Physiol. Pol. (Poland)** - (APYPAY)
Acta Physiologica Polonica Panstwowy Zaklad Wydawnictw Lekarskich, 00-730 Warszawa, Jazgarzewska 17, Poland
- Acta Politec. Mex. (Mexico)** - (APTMAY)
Acta Politecnica Mexicana Instituto Politecnico Nacional, Apartado Postal 42-161, Mexico 17 D.F. Mexico
- Acta Polytech. Ceske Vys. Ucení Tech. v Pr. III (Czechoslovakia)** - (APTECC)
Acta Polytechnica Ceske Vysoke Ucení Technické v Prace III Elektrotechnická fakulta CVUT v Praze, Technická ul. 2, Praha 2, Horská 4, Czechoslovakia
- Acta Polytech. Scand. (Finland)** - (APYEAZ)
Acta Polytechnica Scandinavica Finnish Academy of Technical Sciences, Lonnrotinkatu 37, 00180 Helsinki 18, Finland. Journal split into five sections: *Acta Polytech. Scand. Chem. incl. Metall. Ser. (Finland)*, *Acta Polytech. Scand. Electr. Eng. Ser. (Finland)*, *Acta Polytech. Scand. Math. & Comput. Sci. Ser. (Finland)*, *Acta Polytech. Scand. Mech. Eng. Ser. (Finland)* and *Acta Polytech. Scand. Phys. Ser. (Finland)*
- Acta Polytech. Scand. Chem. incl. Metall. Ser. (Finland)** - (ASCMA4)
Acta Polytechnica Scandinavica, Chemistry including Metallurgy Series Finnish Academy of Technical Sciences, Kansakoulukatu 10 A, 00100 Helsinki 10, Finland
- Acta Polytech. Scand. Mech. Eng. Ser. (Finland)** - (APMNA2)
Acta Polytechnica Scandinavica, Mechanical Engineering Series Finnish Academy of Technical Sciences, Kansakoulukatu 10 A, 00100 Helsinki 10, Finland
- Acta Radiol. Oncol. Radiat. Phys. Biol. (Sweden)** - (ARONDT)
Acta Radiologica, Oncology Radiation Physics Biology Title changed to: *Acta Radiol. Oncol. Radiat. Therapy Phys. & Biol. (Sweden)*
- Acta Sci. Nat. Univ. Pekin. (China)** - (PCTHAP)
Acta Scientiarum Naturalium Universitatis Pekinensis Peking, People's Republic of China
- Acta Sci. Nat. Univ. Sunyatseni (Zhongshandaxue Xuebao) (China)** - (CHTHAJ)
Acta Scientiarum Naturalium Universitatis Sunyatseni (Zhongshandaxue Xuebao) Canton Post Office, Canton, People's Republic of China
- Acta Seismol. Sin. (China)** - (ASSIDT)
Acta Seismologica Sinica Subscription address: Guozi Shudian, P.O. Box 399, Beijing, People's Republic of China
- Acta Tech. Acad. Sci. Hung. (Hungary)** - (ATSHA8)
Acta Technica Academiae Scientiarum Hungaricae Akademiai Kiado, Budapest 1363, P.O. Box 24, Hungary
- Acta Tech. CSAV (Czechoslovakia)** - (ATCVA4)
Acta Technica CSAV Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodicova 40, 112 29 Praha 1, Czechoslovakia. John Benjamins N.V., Periodical Trade, Warmoesstraat 54, Amsterdam, Netherlands
- Acta Univ. Szeged. Acta Phys. & Chem. (Hungary)** - (AUSHAf)
Acta Universitatis Szegediensis, Acta Physica et Chemica Jozef Attila Tudományegyetem Természettudományi Kara, Szeged, Aradi Vértanúk Tere 1, Hungary
- Acustica (Germany)** - (ACUSAY)
Acustica S. Hirzel Verlag, Postfach 347, 7 Stuttgart 1, Germany
- Adhes. Age (USA)** - (ADHAAO)
Adhesives Age Palmerton Publishing Co. Inc., 6285 Barfield Road, Atlanta, GA 30328, USA

- Adv. Appl. Probab. (GB)** - (AAPBBD)
Advances in Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, England
- Adv. Colloid & Interface Sci. (Netherlands)** - (ACISB9)
Advances in Colloid and Interface Science Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Adv. Eng. Software (GB)** - (AESODT)
Advances in Engineering Software CML Publications, 125 High Street, Southampton SO1 0AA, England
- Adv. Mol. Relaxation & Interaction Processes (Netherlands)** - (AMRPDF)
Advances in Molecular Relaxation and Interaction Processes Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- Adv. Phys. (GB)** - (ADPHAH)
Advances in Physics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, England
- AECL Res. & Dev. Eng. (Canada)** - (AERDCO)
AECL Research and Development in Engineering Atomic Energy of Canada Ltd., Chalk River Nuclear Laboratories, Chalk River, Ontario, Canada
- AEDS J. (USA)** - (AEDSAV)
AEDS Journal Association for Educational Data Systems, 1201 16th Street, N.W., Washington, DC 20036, USA
- AEDS Monit. (USA)** - (AEDMAD)
AEDS Monitor Association for Educational Data Systems, 1201 16th Street, N.W., Washington, DC 20036, USA
- Aeronaut. & Astronaut. (France)** - (AENABS)
L'Aeronautique et l'Astronautique Editions Air et Cosmos, 6 Rue Anatole de la Forge, 75017 Paris, France
- Aeronaut. J. (GB)** - (AENJAK)
Aeronautical Journal Royal Aeronautical Society, 4 Hamilton Place, London W1V 0BQ, England
- Aeronaut. Q. (GB)** - (AEQUAY)
Aeronautical Quarterly Royal Aeronautical Society, 4 Hamilton Place, London W1V 0BQ, England
- Aerosp. & Def. Rev. (GB)** - (ADERDT)
Aerospace and Defence Review Formerly: *Aviat. Rev. (GB)* Smiths Industries Aerospace & Defence Systems Co., Cricklewood, London NW2 6JN, England
- Aerotec. Missili & Spazio (Italy)** - (ATMSCD)
L'Aerotecnica Missili e Spazio Tamburini Editore S.P.A., Via Pascoli 55, 20133 Milano, Italy
- AEU (Japan)** - (AEUNAX)
AEU Journal of Asia Electronics Union Dempa Publications Inc., 11-15 Higashi Gotanda 1-chome, Shinagawa-ku, Tokyo 141, Japan
- AIAA J. (USA)** - (AIAIAH)
AIAA Journal American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- AIChE J. (USA)** - (AICEAC)
A.I.Ch.E. Journal American Institute of Chemical Engineers, 345 East 47th Street, New York, NY 10017, USA
- AIIE Trans. (USA)** - (AIITAJ)
AIIE Transactions American Institute of Industrial Engineers, 25 Technology Park/Atlanta, Norcross, GA 30092, USA
- AIP Conf. Proc. (USA)** - (APCPCS)
AIP Conference Proceedings American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Aircr. Eng. (GB)** - (AIENAF)
Aircraft Engineering Bunhill Publications Ltd., 127 Stanstead Road, London, SE23 1JE, England
- Aktual. Probl. Inf. & Dok. (Poland)** - (APDKAG)
Aktualne Problemy Informatyki i Dokumentacji Centrum Informatyki Naukowej, Technicznej i Ekonomicznej, 00-950 Warszawa, Al Niepodleglosci 188b, Poland
- Akust. Zh. (USSR)** - (AKZHAE)
Akusticheski Zhurnal Akademiya Nauk SSSR, Leningki Prospekt 14, Moskva, USSR [English translation in: *Sov. Phys.-Acoust. (USA)*]
- Alfaatih Univ. Bull. Fac. Eng. (Libya)** - (BFEUDT)
Alfaatih University Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya
- ALGOL Bull. (GB)** - (ALGOBG)
ALGOL Bulletin Editorial address: Department of Computer Science, University of Manchester, Manchester M13 9PL, England
- Alkalmazott Mat. Lapok (Hungary)** - (AMLAD8)
Alkalmazott Matematikai Lapok Akademiai Kiado, 1055 Budapest V, Alkotmany Utca 21, Hungary
- Allis-Chalmers Eng. Rev. (USA)** - (ACERBK)
Allis-Chalmers Engineering Review Milwaukee, WI 53201, USA
- Alta Freq. (Italy)** - (ALFRAJ)
Alta Frequenza Ufficio Centrale AEI-CEI, Viale Monza 259, 20126 Milano, Italy
- Alternative Sources Energy (USA)** - (ASENDK)
Alternative Sources of Energy Alternative Sources of Energy Inc., 107 South Central Avenue, Milaca, NY 56533, USA
- Am. Ceram. Soc. Bull. (USA)** - (ACSBAT)
American Ceramic Society Bulletin 65 Ceramic Drive, Columbus, OH 43214, USA
- Am. J. EEG Technol. (USA)** - (AJETA6)
American Journal of EEG Technology Raven Press Publishers, 1140 Avenue of the Americas, New York, NY 10036, USA
- Am. J. Optom. & Physiol. Opt. (USA)** - (AOPOCF)
American Journal of Optometry and Physiological Optics Williams & Wilkins Co., 428 East Preston Street, Baltimore, MD 21202, USA
- Am. J. Phys. (USA)** - (AJPIAS)
American Journal of Physics Published for the American Association of Physics Teachers by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Am. J. Phys. Med. (USA)** - (AJPBAT)
American Journal of Physical Medicine Williams and Wilkins Co., 428 East Preston Street, Baltimore, MD 21202, USA
- Am. J. Sci. (USA)** - (AJSCAP)
American Journal of Science Kline Geology Laboratory, Yale University, Box 2161, New Haven, CT 06520, USA
- Am. Lab. (USA)** - (ALBYBL)
American Laboratory International Scientific Communications Inc., 808 Kings Highway Fairfield, CT 06430, USA
- Am. Mineral. (USA)** - (AMMIAY)
American Mineralogist Mineralogical Society of America, 2000 Florida Avenue, N.W., Washington, DC 20009, USA
- Am. Sci. (USA)** - (AMSCAC)
American Scientist Society of Sigma XI, 345 Whitney Avenue, New Haven, CT 06510, USA
- An. Acad. Bras. Cienc. (Brazil)** - (AABCAD)
Anais da Academia Brasileira de Ciencias Caixa Postal 229, ZC-00 Rio de Janeiro gb, Brazil
- An. Fis. (Spain)** - (ANFIA6)
Anales de Fisica Real Sociedad Espanola de Fisica y Quimica (Facultad de Ciencias), Ciudad Universitaria, Madrid-3, Spain
- An. Mec. & Electr. (Spain)** - (AMEMA6)
Anales de Mecanica y Electricidad Reina 31, Madrid-4, Spain
- An. Stiint. Univ. 'Ali.Cuza' Iasi (Ser. Noua) Sect. IB (Romania)** - (AUZFAA)
Anale Stiintifice ale Universitatii 'Ali. Cuza' din Iasi (Serie Noua) Sectiunea IB Fizica Calea 23 August, Iasi, Romania
- An. Univ. Bucuresti Fiz. (Romania)** - (ABFZA7)
Anale Universitatii Bucuresti Fizica Biblioteca Centrala Universitara, Serviciul Schimb de Publicatii, Bucuresti, Str. Onesti 1, Romania
- Anal. Adv. (USA)** - (AAHPBF)
Analytical Advances Hewlett Packard Co., Avondale, PA 19311, USA
- Anal. Chem. (USA)** - (ANCHAM)
Analytical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- Anal. Chim. Acta Comput. Tech. & Optimiz. (Netherlands)** - (CTOPD3)
Analytica Chimica Acta Computer Techniques and Optimization Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Anal. Math. (Hungary)** - (ANMADK)
Analisis Matematica Kultura, Hungarian Trading Co., H-1389 Budapest 62, P.O. Box 149, Hungary
- Anal. MG (France)** - (ANMG3C)
Analyses MG. Revue Technique Merlin Gerin DEP, 83 X, 38041 Grenoble Cedex, France
- Analog Dialogue (USA)** - (ANDIDX)
Analog Dialogue P.O. Box 280, Norwood, MA 02062, USA
- Angew. Inf. (Germany)** - (AWIFAT)
Angewandte Informatik (Applied Informatics) Formerly: *Elektron. Datenverarb. (Germany)* Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, 6200 Wiesbaden, Gustav-Stresemann-Ring 12-16, Germany
- Ann. Acad. Sci. Fenn. Ser. AI (Finland)** - (AAFMAT)
Annales Academiæ Scientiarum Fennicæ, Series AI (Mathematica) Snellmaninkatu 9-11, 00170 Helsinki 17, Finland
- Ann. Acad. Sci. Fenn. Ser. AII (Finland)** - (AAFCAX)
Annales Academiæ Scientiarum Fennicæ, Series AII (Chemica) Snellmaninkatu 9-11, 00170 Helsinki 17, Finland
- Ann. Acad. Sci. Fenn. Ser. AVI (Finland)** - (AAFP4)
Annales Academiæ Scientiarum Fennicæ, Series AVI (Physica) Snellmaninkatu 9-11, 00170 Helsinki 17, Finland
- Ann. Biomed. Eng. (USA)** - (ABMECF)
Annals of Biomedical Engineering Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Ann. Geofis. (Italy)** - (AGFRAI)
Annali di Geofisica Istituto Nazionale di Geofisica, Citta Universitaria, Via Ruggero Bonghi 11/B, 00184 Roma, Italy
- Ann. Geophys. (France)** - (AGEPA7)
Annales de Geophysique Service des Publications du CNRS, 15 Quai Anatole-France, 75700 Paris, France
- Ann. ICRP (GB)** - (ANICD6)
Annals of the ICRP Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Ann. Inst. Henri Poincaré Sect. A (France)** - (AHPAAO)
Annales de l'Institut Henri Poincaré, Section A (Physique Theorique) 11 Rue Pierre-Curie, Paris 5, France
- Ann. Inst. Henri Poincaré Sect. B (France)** - (AHPBAR)
Annales de l'Institut Henri Poincaré, Section B (Calcul des Probabilités et Statistique) 11 Rue Pierre-Curie, Paris 5, France
- Ann. Isr. Phys. Soc. (Israel)** - (AIPSDK)
Annals of the Israel Physical Society c/o Department of Physics, Bar-Ilan University, Ramat-Gan, Israel. Adam Hilger Ltd., Techno House, Recliff Way, Bristol BS1 6NX England
- Ann. Nucl. Energy (GB)** - (ANENDJ)
Annals of Nuclear Energy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Ann. Phys. (France)** - (ANPHAJ)
Annales de Physique Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Ann. Phys. (Germany)** - (ANPYA2)
Annalen der Physik J.A.Barth, Salomonstrasse 18B, Leipzig 701, Germany
- Ann. Phys. (USA)** - (APNYA6)
Annals of Physics Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Ann. Sci. (GB)** - (ANNSA8)
Annals of Science Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Ann. Soc. Math. Pol. Ser. IV: Fundam. Inf. (Poland)** - (FUMAAJ)
Annales Societatis Mathematicæ Polonæ, Series IV: Fundamenta Informaticæ Ośrodek Rozwojczych Wydawnictw Naukowych PAN, 00-901 Warszawa, Pałac Kultury i Nauki, Poland
- Ann. Soc. Sci. Bruxelles Ser. I (Belgium)** - (ASSBAH)
Annales de la Société Scientifique de Bruxelles, Serie I, Sciences Mathématiques, Astronomiques et Physiques Rue de Bruxelles 61, B5000 Namur, Belgium
- Ann. Telecommun. (France)** - (ANTEAU)
Annales des Télécommunications Centre National d'Etudes des Télécommunications, 38 Rue du General Leclerc, 92131 Issy-Les-Moulineaux, France
- Ann. Tokyo Astron. Obs. (Japan)** - (ATAOA7)
Annals of the Tokyo Astronomical Observatory University of Tokyo, Mitaka, Tokyo, Japan
- Ann. Univ. Turku. Ser. AI (Finland)** - (AUTUAP)
Annales Universitatis Turkuensis, Ser AI (Astronomica-Chemica Physica-Mathematica) Turun Yliopisto, Turku, Finland
- Annu. Proc. Assoc. Sci. & Tech. Soc. S. Afr. (S. Africa)** - (ATSAAL)
Annual Proceedings of the Associated Scientific and Technical Societies of South Africa Kelvin House, 2 Holland Street, Johannesburg, South Africa
- Annu. Rep. Eng. Res. Inst. Fac. Eng. Univ. Tokyo (Japan)** - (AFUTAO)
Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo Tokyo, Japan

- Annu. Rep. Inst. Phys. Acad. Sin. (Taiwan)** - (RIPSD3)
Annual Report of the Institute of Physics Academia Sinica Institute of Physics, Academia Sinica, Nankang, Taipei, Taiwan, Republic of China
- Annu. Rep. Res. React. Inst. Kyoto Univ. (Japan)** - (KURAAV)
Annual Reports of the Research Reactor Institute Kyoto University Osaka, Japan
- Annu. Rev. Autom. Program. (GB)** - (ARVAAM)
Annual Review in Automatic Programming Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Annu. Univ. Sofia Fac. Phys. (Bulgaria)** - (SUGFA9)
Annuaire de l'Université de Sofia Faculté de Physique Sofiya, Bulgaria
- Anritsu Tech. Bull. (Japan)** - (ANTKAE)
Anritsu Technical Bulletin Anritsu Electric Co. Ltd., 12-20, 4 chome, Minami-Azabu, Minato-ku, Tokyo, Japan
- Antenna (Italy)** - (ANTNBO)
L'Antenna Via Monte Generoso 6/a, 20155 Milano, Italy
- APE Eng. (GB)** - (APEEA3)
APE Engineering Amalgated Power Engineering Ltd., P.O. Box 43, Bedford MK40 4JB, England
- APL Tech. Dig. (USA)** - (APLDAZ)
APL Technical Digest Title changed to: *Johns Hopkins APL Tech. Dig. (USA)*
- Appl. Mat. (Czechoslovakia)** - (APMTAK)
Applikace Matematiky Academia, Publishing House of the Czechoslovak Academy of Sciences, Votickova 40, 112 29 Praha 1, Czechoslovakia
- Appl. Acoust. (GB)** - (AACOBL)
Applied Acoustics Applied Science Publishers, Ripple Road, Barking, Essex, England
- Appl. Anal. (GB)** - (APANCC)
Applicable Analysis Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Appl. Energy (GB)** - (APENDX)
Applied Energy Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England
- Appl. Ergonomics (GB)** - (AERGBW)
Applied Ergonomics IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Appl. Math. & Mech. (USA)** - (AMMCBH)
Applied Mathematics and Mechanics [Translation of: *Prikl. Mat. & Mekh. (USSR)*] Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Appl. Math. & Optimiz. (USA)** - (AMOMBN)
Applied Mathematics and Optimization Springer-Verlag Inc. New York, 175 Fifth Avenue, New York, NY 10010, USA
- Appl. Math. Modelling (GB)** - (AMMODL)
Applied Mathematical Modelling IPC Science and Technology Press Ltd., Westbury House, P.O. Box 63, Bury Street, Guildford, Surrey GU2 5AW, England
- Appl. Opt. (USA)** - (APOPAI)
Applied Optics Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Appl. Phys. (Germany)** - (APHYCC)
Applied Physics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Appl. Phys. Lett. (USA)** - (APPLAB)
Applied Physics Letters American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Appl. Sci. Res. (Netherlands)** - (ASRHAU)
Applied Scientific Research Martinus Nijhoff, Lange Voorhout 9, Den Haag, Netherlands
- Appl. Sol. Energy (USA)** - (ASOEAE6)
Applied Solar Energy [Translation of: *Geliotekhnika (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Appl. Spectrosc. (USA)** - (APSPA4)
Applied Spectroscopy Society for Applied Spectroscopy, 428 East Preston Street, Baltimore, MD 21202, USA
- Appl. Spectrosc. Rev. (USA)** - (APSRBB)
Applied Spectroscopy Reviews Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Appl. Stat. (GB)** - (APSTAG)
Applied Statistics (Journal of the Royal Statistical Society Series C) Royal Statistical Society, 25 Enford Street, London, W1H 2BH, England
- Appl. Surf. Sci. (Netherlands)** - (ASUSDD)
Applications of Surface Science North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Arch. Acoust. (Poland)** - (AACODN)
Archives of Acoustics Polish Academy of Sciences, Palac Kultury i Nauki, 00-901 Warszawa, Poland
- Arch. Autom. & Telemach. (Poland)** - (AATMAV)
Archiwum Automatyki i Telemechaniki Polska Akademia Nauk, Editorial address, 00-818 Warszawa, ul. Krajowej Rady Narodowej 55, Poland
- Arch. Eisenbahntechnik (Germany)** - (AEBTAA)
Archiv fur Eisenbahntechnik Hestra-Verlag, 61 Darmstadt, Holzhofallee 33, Germany
- Arch. Eisenhuettenwes. (Germany)** - (AREIAT)
Archiv fur das Eisenhuettenwesen Verlag Stahleisen mGH, 4 Dusseldorf 1, Postfach 8229, Germany
- Arch. Elektron. & Uebertragungstechn. (Germany)** - (AEUTAH)
Archiv fur Elektronik und Uebertragungstechnik (Electronics and Communication) S. Hirzel Verlag, D-7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
- Arch. Elektrotech. (Germany)** - (AELTA6)
Archiv fur Elektrotechnik Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Arch. Elektrotech. (Poland)** - (ARELA4)
Archiwum Elektrotechniki Polska Akademia Nauk, Editorial address: 00-662 Warszawa, Ul. Koszykowa 75, Poland
- Arch. Hutn. (Poland)** - (AHUTA4)
Archiwum Hutnictwa Export-Import Enterprise 'Ruch', ul. Wilcza 46, Warszawa 1, Poland
- Arch. Math. Logik & Grundlagenforsch. (Germany)** - (AMLGAN)
Archiv fur Mathematische Logik und Grundlagenforschung Verlag W. Kohlhammer GmbH, Hessbruhlstrasse 69, Postfach 800 430, 7000 Stuttgart 80 (Vaihingen), Germany
- Arch. Mech. (Poland)** - (AMESAO)
Archives of Mechanics (Archiwum Mechaniki Stosowanej) Polish Scientific Publishers, Swietokrzyska 21, Warszawa, Poland
- Arch. Post & Fernmeldewes. (Germany)** - (APOFDP)
Archiv fur das Post und Fernmeldewesen Bundesministerium fur das Post und Fernmeldewesen, Adenauerallee 81, 5300 Bonn 1, Germany
- Arch. Ration. Mech. & Anal. (Germany)** - (AVRMAW)
Archive for Rational Mechanics and Analysis Springer-Verlag, D1000 Berlin 33, Heidelberger Platz 3, Germany
- Arch. Sci. (Switzerland)** - (ASGVAH)
Archives des Sciences Société de Physique et d'Histoire Naturelle de Genève. Subscription address: Librairie Payot, 6 Rue Grenus, 1211 Geveva 11, Switzerland
- Archaeoastronomy (GB)** - (ARHADN)
Archaeoastronomy Issued with: *J. Hist. Astron. (GB)*
- Archaeometry (GB)** - (ARCHAG)
Archaeometry Research Laboratory for Archaeology and the History of Art, Oxford University, 6 Keble Road, Oxford OX1 3QJ, England
- Ark. Fys. Semin. Trondheim (Norway)** - (AFYTAA)
Arkiv for det Fysiske Seminar i Trondheim c/o Institutt for Teoretisk Fysikk, Universitetet i Trondheim, NTH, N-7034 Trondheim, Norway
- Ark. Mat. (Sweden)** - (AKMTAJ)
Arkiv for Matematik Institut Mittag-Leffler, Auravagen 17, S-182 62 Djursholm, Sweden
- Artif. Intell. (Netherlands)** - (AINTBB)
Artificial Intelligence North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- ASEA J. (Sweden)** - (ASEJAS)
ASEA Journal Allmänna Svenska Elektriska AB, S-721 83 Vasteras, Sweden
- ASLE Trans. (USA)** - (ASLTA2)
ASLE Transactions American Society of Lubrication Engineers, 838 Busse Highway, Park Ridge, IL 60068, USA
- ASLIB Proc. (GB)** - (ASLPAO)
ASLIB Proceedings 3 Belgrave square, London, SW1X 8PL, England
- Assoc. Lit. & Linguist. Comput. Bull. (GB)** - (ALLCB5)
Association for Literary and Linguistic Computing Bulletin Secretary, Literary and Linguistic Computing Centre, Sidgwick Site, Cambridge CB3 9DA, Wales
- ASTM Stand. News (USA)** - (STDNAD)
ASTM Standardization News American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA
- Astrofiz. Issled-Izv.Spets. Astrofiz. Obs. (USSR)** - (AILEDQ)
Astrofizicheskie Issledovaniya-Izvestiya Spetsial'noi Astrofizicheskoi Observatorii 'Nauka', Leningradskoe Otdelenie, 199164 Leningrad V.164, Mendeleevskaya Lin. d. 1, USSR [English translation in: *Bull. Spec. Astrophys. Obs.-North Caucasus (USA)*]
- Astrofizika (USSR)** - (ASTKBG)
Astrofizika Academy of the Armenian SSR, Erevan, USSR [English translation in: *Astrophysics (USA)*]
- Astrometriya & Astrofiz. (USSR)** - (AAFZBZ)
Astrometriya i Astrofizika Izdatel'stvo 'Naukova Dumka' 252601 Kiev, GSP, Repina 3, USSR
- Astron. & Astrophys. (Germany)** - (AAEJAF)
Astronomy and Astrophysics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Astron. & Astrophys. Suppl. Ser. (France)** - (AAESB9)
Astronomy & Astrophysics Supplement Series Formerly: *Astron. & Astrophys. Suppl. Ser. (Switzerland)* Editions de Physique, Avenue du Hoggar, Zone Industrielle de Courtaubeuf, BP 112, 91402 Orsay, France
- Astron. & Astrophys. Suppl. Ser. (Switzerland)** - (AAESB9)
Astronomy and Astrophysics Supplement Series Title changed to: *Astron. & Astrophys. Suppl. Ser. (France)*
- Astron. Circ. (Acad. Sin.) (China)** - (TWTHTD8)
Astronomical Circulars (Academia Sinica) Academia Sinica, Beijing, People's Republic of China
- Astron. J. (USA)** - (ANJOAA)
Astronomical Journal Published for the American Astronomical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Astron. Nachr. (Germany)** - (ASNAAN)
Astronomische Nachrichten Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Astron. Tidsskr. (Sweden)** - (ANTKBF)
Astronomisk Tidskrift Editorial address: Institutionen for Astronomi, 222 24 Lund, Sweden
- Astron. Vestn. (USSR)** - (ASVEAT)
Astronomicheskii Vestnik ab/yasht 918, Moskva, K-9, USSR [English translation in: *Sol. Syst. Res. (USA)*]
- Astron. Zh. (USSR)** - (ASZHA2)
Astronomicheskii Zhurnal Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Astron. (USA)*]
- Astronomy (USA)** - (ASTRO5)
Astronomy Astro Media Corp., 411 E. Mason Street, 6th Floor, Milwaukee, WI 53202, USA
- Astrophys. & Space Sci. (Netherlands)** - (APSSBE)
Astrophysics and Space Science D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- Astrophys. J. (USA)** - (ASJOAB)
Astrophysical Journal University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. J. Lett. Ed. (USA)** - (AJLEAU)
Astrophysical Journal. Letters to the Editor University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. J. Suppl. (USA)** - (APJSA2)
Astrophysical Journal Supplement Title changed to: *Astrophys. J. Suppl. Ser. (USA)*
- Astrophys. J. Suppl. Ser. (USA)** - (APJSA2)
Astrophysical Journal Supplement Series Formerly: *Astrophys. J. Suppl. (USA)* University of Chicago Press, 5801 S. Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. Lett. (GB)** - (ASTLAI)
Astrophysical Letters Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Astrophysics (USA)** - (ATPYAA)
Astrophysics [Translation of: *Astrofizika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- At. & Strom (Germany)** - (ATSTAA)
Atom und Strom Vereinigung Deutscher Elektrizitätswerke, Verlags-u. Wirtschaftsgesellschaft der Elektrizitätswerke, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany
- At. Absorpt. Newsl. (USA)** - (AABNAC)
Atomic Absorption Newsletter Title changed to: *At. Spectrosc. (USA)*

- At. Data & Nucl. Data Tables (USA)** - (ADNDAT)
Atomic Data and Nuclear Data Tables Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- At. Energ. (USSR)** - (AENGAB)
Atomnaya Energiya Akademiya Nauk SSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Sov. At. Energy (USA)*]
- At. Energy Aust. (Australia)** - (AEAUAU)
Atomic Energy in Australia Australian Atomic Energy Commission, Post Office, Coogee, N.S.W. 2034, Australia
- At. Energy Rev. (Austria)** - (AERVA8)
Atomic Energy Review International Atomic Energy, Karntner Ring 11, P.O. Box 590, A-1011 Vienna, Austria
- At. Spectrosc. (USA)** - (ASPNB7)
Atomic Spectroscopy Formerly: *At. Absorpt. Newsl. (USA)* Perkin-Elmer Corp., Main Avenue, Norwalk, CT 06856, USA
- Atmos. Environ. (GB)** - (ATENBP)
Atmospheric Environment Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Atmos. Technol. (USA)** - (ATTED7)
Atmospheric Technology National Center for Atmospheric Research, Post Office Box 3000, Boulder, CO 80303, USA
- Atom (GB)** - (ATMMAR)
Atom United Kingdom Atomic Energy Authority, 11 Charles II Street, London, SW1Y 4QP, England
- Atomkernenerg. Kerntechn. (Germany)** - (ATKEDU)
Atomkernenergie Kerntechnik Verlag Karl Thieme AG, Pilgersheimerstrasse 38, Postfach 900740, D-8000 München 90, Germany
- Atomwirtschaft-Atomtech. (Germany)** - (AWAKAG)
Atomwirtschaft-Atomtechnik Handelsblatt GmbH, 4 Dusseldorf 1, Kreuzstrasse 21, Postfach 1102, Germany
- Atti Accad. Ligure Sci. & Lett. (Italy)** - (AALGA7)
Atti della Accademia Ligure di Scienze e Lettere Palazzo Reale, Via Balbi 10, 16126 Genova, Italy
- Atti Accad. Naz. Lincei, Rend. Cl. Sci. Fis. Mat. & Nat. (Italy)** - (AANLAW)
Atti della Accademia Nazionale dei Lincei. Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali Via della Lungara 10, 000165 Roma, Italy
- Atti Accad. Sci. Torino I (Italy)** - (AATFAA)
Atti della Accademia delle Scienze di Torino. I. Classe di Scienze Fisiche, Matematiche e Naturali Via Accademia delle Scienze 6, Via Maria Vittoria 3, Torino (208), Italy
- Atti Fond. Giorgio Ronchi (Italy)** - (AFDGA2)
Atti della Fondazione Giorgio Ronchi Largo Enrico Fermi 1, 50125 Arcetri-Firenze, Italy
- Atti Semin. Mat. & Fis. Univ. Modena (Italy)** - (ASMMAK)
Atti del Seminario Matematico e Fisico dell'Università di Modena Modena, Italy
- Atti Soc. Peloritana Sci. Fis. Mat. & Nat. (Italy)** - (ASPSAJ)
Atti della Società Peloritana di Scienze Fisiche Matematiche e Naturali Università di Messina, Messina, Italy
- Audio Scene Can. (Canada)** - (AUSCC2)
Audio Scene Canada Formerly: *Electron (Canada)* Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Aust. Comput. Bull. (Australia)** - (ACBUD7)
Australian Computer Bulletin Australian Computer Society Inc., P.O. Box 640, Crows Nest, NSW 2065, Australia
- Aust. Comput. J. (Australia)** - (ACMJB2)
Australian Computer Journal Australian Trade Publications, 28 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Aust. Comput. Sci. Commun. (Australia)** - (ACSCDD)
Australian Computer Science Communications Department of Information Science, University of Tasmania, G.P.O. Box 252C Hobart, Tasmania 7001, Australia
- Aust. Electr. World (Australia)** - (AUEWAO)
Australian Electrical World Strand Publishing Pty. Ltd., 432 Queen Street, Brisbane 4000, Australia
- Aust. Electron. Eng. (Australia)** - (AUEEB5)
Australian Electronics Engineering Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Aust. Geomech. J. (Australia)** - (AUGJBU)
Australian Geomechanics Journal Institution of Engineers, Australia, Science House, Gloucester & Essex Streets, Sydney, N.S.W. 2000, Australia
- Aust. J. Instrum. & Control (Australia)** - (AJICA9)
Australian Journal of Instrumentation and Control Research Publications Pty. Ltd., 418 Canterbury Road, Surrey Hills 3127, Victoria, Australia
- Aust. J. Phys. (Australia)** - (AUJPAS)
Australian Journal of Physics CSIRO, 314 Albert Street, East Melbourne, Victoria 3002, Australia
- Aust. J. Phys. Astrophys. Suppl. (Australia)** - (AJPAB5)
Australian Journal of Physics, Astrophysical Supplement CSIRO, 314 Albert Street, East Melbourne, Victoria 3002, Australia
- Aust. Telecommun. Res. (Australia)** - (ATRABH)
Australian Telecommunication Research Telecommunication Society of Australia, Box 4050, G.P.O. Melbourne, Victoria 3001, Australia
- Australas. Phys. & Eng. Sci. Med. (Australia)** - (AUPMDI)
Australasian Physical & Engineering Sciences in Medicine Formerly: *Australas. Phys. Sci. Med. (Australia)* Mr. K.H. Clarke, Unit of Physical Sciences, Cancer Institute, 481 Little Lonsdale Street, Melbourne, Victoria 3000, Australia
- Australas. Phys. Sci. Med. (Australia)** - (APSPMDW)
Australasian Physical Sciences in Medicine Title changed to: *Australas. Phys. & Eng. Sci. Med. (Australia)*
- Auto-Volt Electrauto (France)** - (AUVOAH)
Auto-Volt Electrauto 49 rue de Maubeuge, 75009 Paris, France
- Autom. & Control (New Zealand)** - (AUCODR)
Automation and Control Associated Group Media Ltd., Certified Concrete Building, Madeira Place, Auckland 1, New Zealand
- Autom. & Inf. Ind. (France)** - (AQIIA8)
Automatique & Informatique Industrielles Societe des Editions Radio, 9 Rue Jacob, 75006 Paris, France. Merged with *Electron. & Appl. Ind. (France)* to form *Electron. Ind. (France)*
- Autom. & Remote Control (USA)** - (AURCAT)
Automation and Remote Control [Translation of: *Avtom. & Telemekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Autom. & Strum. (Italy)** - (ATSZAS)
Automazione e Strumentazione Associazione Nazionale Italiana per l'Automazione, Via Le Premuda 2, 21029 Milano, Italy
- Autom. Control & Comput. Sci. (USA)** - (ACCSCE)
Automatic Control and Computer Sciences [Translation of: *Avtom. & Vychisl. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Autom. Control Theory & Appl. (Canada)** - (ACTACB)
Automatic Control Theory and Applications Acta Press, P.O. Box 3243, Postal Station B, Calgary, Alberta T2M 4L8, Canada
- Autom. Data Process. Inf. Bull. (Belgium)** - (ADPBD2)
Automatic Data Processing Information Bulletin International Social Security Association, Data processing Consultative Service, Boulevard de l'Empereur 7, B-1000 Brussels, Belgium
- Autom. Mach. (USA)** - (AUMAUA)
Automatic Machining Screw Machine Publishing Co. Inc., 65 Broad Street, Rochester, NY 14614, USA
- Autom. Monit. & Meas. (GB)** - (AUMMC2)
Automatic Monitoring and Measuring [Translation of: *Avtometriya (USSR)*] Scientific Information Consultants Ltd., 661 Finchley Road, London NW2 2HN, England
- Autom. Syst. Rizeni (Czechoslovakia)** - (ASRID2)
Automatizovane Systemy Rizeni - Bulletin INORGA INORGA, Letenska 17, 118 08 Praha 1, Czechoslovakia
- Autom. Weld. (GB)** - (AUWEAQ)
Automatic Welding [Translation of: *Avtom. Svarka (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England
- Automatica (GB)** - (ATCAA9)
Automatica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Automatie (Netherlands)** - (AUTOA7)
Automatie Bredebroekseweg 8A, 7083 AT Voorst, Netherlands
- Automatika (Yugoslavia)** - (ATKAAF)
Automatika Zagreb, Unska Ulica br.17, Postanski Pretinac 123, Yugoslavia
- Automation (GB)** - (ATMNBV)
Automation E.D. Publications Ltd., 120 Wigmore Street, London, W1H 0AS, England
- Automatizace (Czechoslovakia)** - (AUTMAZ)
Automatizace SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Automatica (GB)** - (AUMDC9)
Automatica Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Automot. Eng. (USA)** - (AUEGBB)
Automotive Engineering Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096, USA
- Autophon Bull. (Switzerland)** - (AUBUD6)
Autophon Bulletin Autophon AG, Ziegelmattdstrasse 1-15, CH-4500 Solothurn, Switzerland
- Avh. Nor. Vidensk.-Akad. Oslo I (Norway)** - (AUNVAW)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo, I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway
- Aviat. Rev. (GB)** - (AVRVBQ)
Aviation Review Title changed to: *Aerospace & Def. Rev. (GB)*
- Avtom. & Telemekh. (USSR)** - (AVTEAI)
Automatika i Telemekhanika Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Autom. & Remote Control (USA)*]
- Avtom. & Vychisl. Tekh. (USSR)** - (AVYTAK)
Automatika i Vychislitel'naya Tekhnika Academy of Sciences of Latvian SSR, Riga, USSR [English translation in: *Autom. Control & Comput. Sci. (USA)*]
- Avtom. Svarka (USSR)** - (AVSVAU)
Automaticheskaya Svarka Ukrainian SSR Academy of Sciences, Arc Welding Institute, Kiev, USSR [English translation in: *Autom. Weld. (GB)*]
- Avtom. Telemekh. & Syaz (USSR)** - (ATSVAG)
Automatika, Telemekhanika, Syaz' Editorial address: 107078, Moskva, B-78, Krasnovorotskii Prospekt, D. 3B, USSR
- Avtomatika (USSR)** - (AVTMA8)
Automatika Institution of Cybernetics, 102 Brest-Litovskii Prospekt, Kiev 57, USSR [English translation in: *Sov. Autom. Control (USA)*]
- Avtometriya (USSR)** - (AVMEBI)
Avtometriya Izdatel'stvo Nauka, Sibirskoe Otdelenie, 630099, Novosibirsk 99, Sovetskaya 18, USSR [English translation in: *Autom. Monit. & Meas. (GB)*]
- AWA Tech. Rev. (Australia)** - (AWARA3)
AWA Technical Review AWA Research Laboratories, 422 Lane Cove Road, North Ryde, N.S.W., Australia
- Bangladesh J. Sci. & Ind. Res.** - (BJSIBL)
Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dacca, Bangladesh
- BBC Eng. (GB)** - (BBEGBP)
BBC Engineering British Broadcasting Corporation Publications, 35 Marylebone High Street, London, W1M 4AA, England
- BBC Nachr. (Germany)** - (BBCNAZ)
BBC Nachrichten Brown Boveri & Cie, Aktiengesellschaft, 6800 Mannheim 1, Postfach 351, Germany
- Beck Isoliertechnik (Germany)** - (BITKAO)
Beck Isoliertechnik Beck Elektro-Isoliertechnik, 200 Hamburg 28, Postfach 280 180, Grossmannstrasse 105, Germany
- Behav. Res. Methods & Instrum. (USA)** - (BRMIAC)
Behavior Research Methods and Instrumentation Psychonomic Society Inc., 1108 West 34th Street, Austin, TX 78705, USA
- Behav. Sci. (USA)** - (BEHSAS)
Behavioral Science Systems Science Publications, University of Louisville, Louisville, KY 40208, USA
- Beitr. Plasma Phys. (Germany)** - (BPPHAA)
Beiträge aus der Plasma Physik Akademie-Verlag, 108 Berlin, Leipzigerstrasse 3-4, Germany
- Belgelectro-Export (Belgium)** - (BEEEXAS)
Belgelectro-Export 21 rue des Drapiers, 1050 Bruxelles, Belgium
- Bell J. Econ. (USA)** - (BJECD3)
Bell Journal of Economics Formerly: *Bell J. Econ. & Manage. Sci. (USA)* American Telephone and Telegraph Co., 195 Broadway, Room C 1800, New York, NY 10007, USA
- Bell Lab. Rec. (USA)** - (BLRCAB)
Bell Laboratories Record Bell Telephone Laboratories, Mountain Avenue, Murray Hill, NJ 07974, USA

- Bell Syst. Tech. J. (USA)** - (BSTJAN)
Bell System Technical Journal American Telephone and Telegraph Co., 600 Mountain Avenue, Murray Hill, NJ 07974, USA
- Ber. Bunsenges. Phys. Chem. (Germany)** - (BBPCAX)
Berichte der Bunsengesellschaft für Physikalische Chemie Verlag Chemie, 694 Weinheim/Bergstrasse, Postfach 1260/1280, Germany
- Ber. Dtsch. Keram. Ges. (Germany)** - (BDKGAY)
Berichte der Deutschen Keramischen Gesellschaft Title changed to: *CFI-Ceram. Forum Int. Ber. Dtsch. Keram. Ges. (Germany)*
- Berg- & Huettenmaenn. Monatsh. (Austria)** - (BHMMAM)
Berg- und Huettenmaennische Monatshefte Springer-Verlag, A-1011 Wien, Molkereibastei 5, Postfach 367, Austria
- Biofeedback & Self-Regul. (USA)** - (BSELDP)
Biofeedback and Self-Regulation Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Biofizika (USSR)** - (BIOFAI)
Biofizika Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Biophysics (GB)*]
- Biol. Cybern. (Germany)** - (BICYAF)
Biological Cybernetics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Biomater. Med. Devices & Artif. Organs (USA)** - (BMDOAI)
Biomaterials, Medical Devices, and Artificial Organs Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Biomaterials (GB)** - (BIMADU)
Biomaterials IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Biomed. Eng. (USA)** - (BIOEAF)
Biomedical Engineering [Translation of: *Med. Tekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Biomed. Tech. (Germany)** - (BMZTA7)
Biomedizinische Technik [Biomedical Engineering] Fachverlag Schiele & Schon GmbH, D-1000 Berlin 61, Markgrafenstrasse 11, Germany. Georg Thieme Verlag, 7 Stuttgart 1, Postfach 732, Herdweg 63, Germany
- Biometrika (GB)** - (BIOKAX)
Biometrika Biometrika Trust, Biometrika Office, University College London, Gower Street, London, WC1E 6BT, England
- Bionika (USSR)** - (BNKABJ)
Bionika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Biophys. J. (USA)** - (BIOJAU)
Biophysical Journal Rockefeller University Press, 1230 York Avenue, New York, NY 10021, USA
- Biophys. Struct. & Mech. (Germany)** - (BSMHBH)
Biophysics of Structure and Mechanism Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Biophysics (GB)** - (BIOPAE)
Biophysics [Translation of: *Biofizika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Biorheology (GB)** - (BRHLAU)
Biorheology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Biotelem. & Patient Monit. (Switzerland)** - (BPMODJ)
Biotelemetry and Patient Monitoring Formerly: *Biotelemetry (Switzerland)* S. Karger AG, Arnold-Bocklin-Strasse 25, CH-4011 Basel, Switzerland
- BIT (Sweden)** - (NBITAB)
BIT (Nordisk Tidskrift för Informationsbehandling) Institutionen för Informationsbehandling, Lunds Universitet, Solvegatan 14A, S-22362 Lund, Sweden
- Biul. Inst. Energ. (Poland)** - (BIEGAS)
Biuletyn Instytutu Energetyki Issued with: *Energetyka (Poland)*
- BKSTS J. (GB)** - (BKSTBR)
BKSTS Journal British Kinematography Sound and Television Society, 110/112 Victoria House, Vernon Place, London, WC1B 3DJ, England
- BMR J. Aust. Geol. & Geophys. (Australia)** - (BJAGDT)
BMR Journal of Australian Geology & Geophysics Bureau of Mineral Resources, Geology & Geophysics, P.O. Box 378, Canberra, A.C.T. 2601, Australia
- BOCAAD (Bull. Comput. Aided Archt. Des.) (GB)** - (BBCDD8)
BOCAAD (Bulletin of Computer Aided Architectural Design) Editorial address: ABACUS, Department of Architecture and Building Science, University of Strathclyde, 131 Rottenrow, Glasgow G4 0NG, Scotland
- Bol. Fac. Ing. Univ. Repub. (Uruguay)** - (BFIRD6)
Boletín de la Facultad de Ingeniería Universidad de la República Av. Julio Herrera y Reissig 565, Montevideo, Uruguay
- Bol. Inst. Tonantzintla (Mexico)** - (BITOD5)
Boletín del Instituto de Tonantzintla Instituto Nacional de Astrofísica, Óptica y Electrónica, Apartados Postales Nos. 216 y 51, Puebla, Pue, Mexico
- Boll. Geofis. Teor. & Appl. (Italy)** - (BGTAEE)
Bollettino di Geofisica Teorica ed Applicata Osservatorio Geofisico Sperimentale, 34123 Trieste, Italy
- Bosch Tech. Ber. (Germany)** - (BTBCBM)
Bosch Technische Berichte Robert Bosch GmbH, Postfach 50, D-7000 Stuttgart 1, Germany
- Boundary-Layer Meteorol. (Netherlands)** - (BLMEBR)
Boundary-Layer Meteorology D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- Br. Corros. J. (GB)** - (BCRJA3)
British Corrosion Journal Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Br. J. Clin. Equip. (GB)** - (BJCEDX)
British Journal of Clinical Equipment Title changed to: *Br. J. Hosp. Med. (GB)*
- Br. J. Hist. Sci. (GB)** - (BJSAT)
British Journal for the History of Science British Society for the History of Science, 47 Belgrave Square, London, SW1 8QX, England
- Br. J. Non-Destr. Test. (GB)** - (BJNTAS)
British Journal of Non-Destructive Testing British Institute of Non-Destructive Testing, 1 Spencer Parade, Northampton NN1 5AA, England
- Br. J. Philos. Sci. (GB)** - (BJPIAS)
British Journal for the Philosophy of Science Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- Br. J. Photogr. (GB)** - (BRJFAM)
British Journal of Photography Henry Greenwood & Co., 24 Wellington Street, London, WC2E 7DH, England
- Br. J. Radiol. (GB)** - (BJRAAP)
British Journal of Radiology British Institute of Radiology, 32 Welbeck Street, London, W1M 7PG, England
- Br. Polym. J. (GB)** - (BPOJAB)
British Polymer Journal Society of Chemical Industry, 14 Belgrave Square, London, SW1, England
- Br. Telecom J. (GB)** - (BTJODW)
British Telecom Journal Formerly: *Post Off. Telecommun. J. (GB)* Post Office Central Headquarters, 23 Howland Street, London W1P 6HQ, England
- Brennst.-Waerme-Kraft (BWK) (Germany)** - (BRWKAY)
BWK, Brennstoff-Waerme-Kraft VDI-Verlag, Postfach 1139, 4 Dusseldorf 1, Germany
- Broadcast Technol. (Canada)** - (BRTED4)
Broadcast Technology Diversified Publications Ltd., Box 423, Station J, Toronto, Ontario M4J 4Y8, Canada
- Broadcast. Syst. & Oper. (GB)** - (BSOPDJ)
Broadcasting Systems & Operation Title changed to: *Int. Broadcast. Syst. & Oper. (GB)*
- Brown Boveri Rev. (Switzerland)** - (BRBOA9)
Brown Boveri Review Brown Boveri, CH-5401 Baden, Switzerland
- Bruel & Kjaer Tech. Rev. (Denmark)** - (BKTRAP)
Bruel and Kjaer Technical Review Bruel & Kjaer, DK-2850 Naerum, Denmark
- Budavox Telecommun. Rev. (Hungary)** - (BUTRAR)
Budavox Telecommunication Review Budavox Telecommunication Foreign Trading Co. Ltd., H-1392 Budapest, P.O. Box 267, Hungary
- Buerotechnik (Germany)** - (BUERDN)
Buerotechnik FBO-Fachverlag für Büro- und Organisations-technik Goller GmbH, Postfach 316, Hermannstrasse 2, D-7570 Baden-Baden, Germany
- Build. Serv. & Environ. Eng. (GB)** - (BSENDV)
Building Services & Environmental Engineer Batiste Publications Ltd., Pembroke House, Campsbourne Road, Horney, London N8, England
- Build. Serv. Eng. Res. & Technol. (GB)** - (BSETF)
Building Services Engineering Research & Technology Chartered Institution of Building Services, 222 Balham High Road, London SW12 9BS, England
- Building (GB)** - (BULDBE)
Building Building (Publishers) Ltd., Builder House, P.O. Box 87, 1-3 Pemberton Row, Red Lion Court, Fleet Street, London EC4p 4HL, England
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Chim.-Metal. (Romania)** - (BPGCDL)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti, Seria Chimie-Metalurgie Spatiul Independentiei nr. 313, Casuta Postala nr. 2356, Bucuresti, Romania
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Electroteh. (Romania)** - (BIPEDN)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti, Seria Electrotehnica Spatiul Independentiei nr. 313, Casuta Postala nr. 2356, Bucuresti, Romania
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Mec. (Romania)** - (BPGMDH)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti, Seria Mecanica Spatiul Independentiei nr. 313, Casuta Postala nr. 2356, Bucuresti, Romania
- Bul. Inst. Politeh. Iasi Sect. I (Romania)** - (BMTFA3)
Buletinul Institutului Politehnic din Iasi, Sectia I Matematica, Mecanica, Teoretica, Fizica Polytechnic Institute, Iasi, Romania
- Bul. Inst. Politeh. Iasi Sect. III (Romania)** - (BUPIAE)
Buletinul Institutului Politehnic din Iasi, Sectia III Electrotehnica, Electronica, Automatizari Institutul Politehnic Iasi, Iasi, Romania
- Bul. Inst. Stud. & Proiect. Energ. (Romania)** - (ISPBAE)
Buletinul Institutului de Studii si Proiectari Energetice Institutului de Studii si Proiectari Energetice, Bucuresti, Bd. Lacul Tei nr. 1, Sectorul II, Romania
- Bul. Stiint. & Teh. Inst. Politeh. 'Traian Vuia' Timisoara (Romania)** - (BSPTAX)
Buletinul Stiintific si Tehnic al Institutului Politehnic 'Traian Vuia' Timisoara (Romania) Timisoara, Romania
- Bulg. J. Phys. (Bulgaria)** - (BJPHD5)
Bulgarian Journal of Physics Bulgarian Academy of Sciences, Faculty of Physics, 5 Anton Ivanov Blvd., 1126 Sofia, Bulgaria
- Bull. Acad. Pol. Sci. Ser. Sci. Phys. & Astron. (Poland)** - (BAPADN)
Bulletin de l'Académie Polonaise des Sciences, Seria des Sciences Physiques et Astronomiques Polska Akademia Nauk, 00-091 Warszawa, Palac Kultury i Nauki, P.O. Box 20, Poland
- Bull. Acad. Pol. Sci. Ser. Sci. Tech. (Poland)** - (BAPTAN)
Bulletin de l'Académie Polonaise des Sciences, Seria des Sciences Techniques 00-901 Warszawa, Palac Kultury i Nauki, P.O. Box 20, Poland
- Bull. Acad. Sci. USSR, Phys. Ser. (USA)** - (BUPSAA)
Bulletin of the Academy of Sciences of the USSR, Physical Series [Translation of: *Izv. Akad. Nauk SSSR Ser. Fiz.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Bull. Acad. Serbe Sci. & Arts Cl. Sci. Tech. (Yugoslavia)** - (BASTDR)
Bulletin de l'Académie Serbe des Sciences et des Arts, Classe des Sciences Techniques 35 Knez-Mihailova, 11000 Beograd, Yugoslavia
- Bull. Am. Astron. Soc. (USA)** - (AASBAR)
Bulletin of the American Astronomical Society American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Bull. Am. Meteorol. Soc. (USA)** - (BAMIAI)
Bulletin of the American Meteorological Society 45 Beacon Street, Boston, MA 02108, USA
- Bull. Assoc. Suisse Electr. (Switzerland)** - (BUSEAH)
Bulletin de l'Association Suisse des Electriciens (Organe Commun de l'Association Suisse des Electriciens (ASE) et de l'Union des Centrales Suisses d'Electricite (UCS)) Seefeldstrasse 301, Case Postale 229, 8008 Zurich, Switzerland
- Bull. Astron. Inst. Czech. (Czechoslovakia)** - (CABCAZ)
Bulletin of the Astronomical Institute of Czechoslovakia Academia, Publishing House of Czechoslovak Academy of Sciences, Vodicova 40, 112 29 Praha 1, Czechoslovakia
- Bull. Astron. Soc. India** - (BANID3)
Bulletin of the Astronomical Society of India Tata Institute of Fundamental Research, Homi Bhabha Road, Bombay 400 005, India
- Bull. Aust. Math. Soc. (Australia)** - (ALNBAB)
Bulletin of the Australian Mathematical Society University of Queensland Press, St. Lucia, Queensland 4067, Australia
- Bull. Br. Soc. Rheol. (GB)** - (BBRHAO)
Bulletin British Society of Rheology Properties of Fluids Division, National Engineering Laboratory, East Kilbride, Glasgow, Scotland

- Bull. Crimean Astrophys. Obs. (USA)** - (BCAOD4)
Bulletin of the Crimean Astrophysical Observatory [Translation of: *Izv. Krym. Astrofiz. Obs. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Bull. Dir. Etud. & Rech. Ser. A (France)** - (EFDNAX)
Bulletin de la Direction des Etudes et Recherches, Serie A Electricite de France, Direction Des Etudes et Recherches, 2, rue Louis Murat, 75008 Paris, France
- Bull. Dir. Etud. & Rech. Ser. B (France)** - (EFDNAV)
Bulletin de la Direction des Etudes et Recherches, Serie B Electricite de France, Direction des Etudes et Recherches, 2, rue Louis Murat, 75008 Paris, France
- Bull. Dir. Etud. & Rech. Ser. C (France)** - (EDBCAA)
Bulletin de la Direction des Etudes et Recherche, Serie C Electricite de France, Direction des Etudes et Recherches, 1 Avenue du General de Gaulle, 92140 Clamart, France
- Bull. Earthquake Res. Inst. Univ. Tokyo (Japan)** - (TDJKAZ)
Bulletin of the Earthquake Research Institute, University of Tokyo 1-1 Yayoi 1-chome, Bunkyo-ku, Tokyo, Japan
- Bull. EGU (Czechoslovakia)** - (BEGUBU)
Bulletin EGU Vyzkumny Ustav Energeticky, Partyzanska 7a, Praha 7 - Holesovice, Czechoslovakia
- Bull. Electrotech. Lab. (Japan)** - (DESIA7)
Bulletin of the Electrotechnical Laboratory 2-6 Nagata-cho, Chiyoda-ku, Tokyo, Japan
- Bull. Fac. Eng. Hiroshima Univ. (Japan)** - (HIDKAA)
Bulletin of the Faculty of Engineering Hiroshima University Hiroshima, Japan
- Bull. Fac. Eng. Ibaraki Univ. (Japan)** - (IDKGA9)
Bulletin of the Faculty of Engineering, Ibaraki University Ibaraki, Japan
- Bull. Fac. Eng. Tokushima Univ. (Japan)** - (BFETAN)
Bulletin of Faculty of Engineering, Tokushima University Minami-Josanjima-cho, Tokushima, Japan
- Bull. Fac. Eng. Yokohama Natl. Univ. (Japan)** - (BFEYA4)
Bulletin of the Faculty of Engineering of Yokohama National University Ohka-machi, Minami-ku, Yokohama, Japan
- Bull. Geod. (France)** - (BGDQAG)
Bulletin Geodesique Bureau Central de l'Association Internationale de Geodesie, 39 Rue Guy-Lussac, 75005 Paris, France
- Bull. Indian Natl. Sci. Acad.** - (BIDNAL)
Bulletin of the Indian National Science Academy Bahadur Shar Zafar Marg, New Delhi 1, India
- Bull. Inf. Sci. & Tech. (France)** - (BUIAAN)
Bulletin d'Informations Scientifiques et Techniques Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- Bull. Inst. Chem. Res. Kyoto Univ. (Japan)** - (BICRAS)
Bulletin of the Institute for Chemical Research, Kyoto University Kyoto, Japan
- Bull. Inst. Space & Aeronaut. Sci. Univ. Tokyo A (Japan)** - (TDUHAD)
Bulletin of the Institute of Space and Aeronautical Science, University of Tokyo A Tokyo, Japan
- Bull. Inst. Space & Aeronaut. Sci. Univ. Tokyo B (Japan)** - (TKUHBT)
Bulletin of the Institute of Space and Aeronautical Science, University of Tokyo B Tokyo, Japan
- Bull. Int. Sect. ISSA Prev. Occup. Risks Electr. (Germany)**
Bulletin of the International Section of the ISSA for the Prevention of Occupational Risks due to Electricity Berufsgenossenschaft der Feinmechanik und Elektrotechnik, D-5000 Koln 51, Oberlander Ufer 130, Germany
- Bull. Isr. Phys. Soc. (Israel)** - (BIPYBD)
Bulletin of the Israel Physical Society Israel Physical Society, c/o Hebrew University, Jerusalem, Israel
- Bull. Isr. Soc. Spec. Libr. & Inf. Cent. (Israel)** - (ISLBA2)
Bulletin Israel Society of Special Libraries and Information Centres P.O. Box 20125, Tel Aviv, Israel
- Bull. Jpn. Soc. Precis. Eng. (Japan)** - (BJPEAR)
Bulletin of the Japan Society of Precision Engineering Ceramic Building, 22-17, 2-Chome, Hyakunincho, Shinjuku-ku, Tokyo, Japan
- Bull. JSME (Japan)** - (BJSEA8)
Bulletin of the Japan Society of Mechanical Engineers Sanshin Hokusai Building, 4-9, Yoyogi 2-Chome, Shibuya-Ku, Tokyo 151, Japan
- Bull. Kyushu Inst. Technol. (Sci. & Technol.) (Japan)** - (KKDKAN)
Bulletin of the Kyushu Institute of Technology (Science and Technology) Tobata, Japan
- Bull. Kyushu Inst. Technol. Math. Nat. Sci. (Japan)** - (BKTMAA)
Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science Tobata, Kitakyushu, Japan
- Bull. Math. Biol. (GB)** - (BMTBAP)
Bulletin of Mathematical Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Bull. Mech. Eng. Lab. (Japan)** - (BMEGAX)
Bulletin of Mechanical Engineering Laboratory 12-1 Igusa 4-chome, Sugiyama-ku, Tokyo, Japan
- Bull. Mineral. (France)** - (BULMD9)
Bulletin de Mineralogie Masson, 120 Boulevard Saint-Germain, 75280 Paris Cedex 06, France
- Bull. Nagoya Inst. Technol. (Japan)** - (NADGA8)
Bulletin of Nagoya Institute of Technology Nagoya, Japan
- Bull. Res. Inst. Appl. Electr. (Japan)** - (ODKIAD)
Bulletin of the Research Institute of Applied Electricity The Research Institute of Applied Electricity, Hokkaido University, North 12 Street, West 6 Avenue, Kitaku, Sapporo City, Japan
- Bull. Res. Inst. Sci. Meas. Tohoku Univ. (Japan)** - (TDKKA6)
Bulletin of the Research Institute for Scientific Measurements, Tohoku University Sendai, Japan
- Bull. Res. Lab. Nucl. React. (Japan)** - (BRLTD9)
Bulletin of the Research Laboratory for Nuclear Reactors Tokyo Institute of Technology Oh-okayana, Meguro-ku, Tokyo, Japan
- Bull. Res. Lab. Precis. Mach. & Electron. (Japan)** - (BLPTDL)
Bulletin of Research Laboratory of Precision Machinery and Electronics Tokyo Institute of Technology, Nagatsuta, Midori-ku, Yokohama, Japan
- Bull. Sci. Assoc. Ing. Electr. Inst. Electrotech. Montefiore (Belgium)** - (BURMA2)
Bulletin Scientifique de l'Association des Ingenieurs Electriciens sortis de l'Institut Electrotechnique Montefiore 31 Rue Saint Gilles, 4000 Liege, Belgium
- Bull. Seismol. Soc. Am. (USA)** - (BSSAAP)
Bulletin of the Seismological Society of America Seismological Society of America, 2620 Telegraph Avenue, Berkeley, CA 94704, USA
- Bull. Soc. Fr. Ceram. (France)** - (BFCEA2)
Bulletin de la Societe Francaise de Ceramique Title changed to: *Ind. Ceram. (France)*
- Bull. Soc. Fr. Photograph. & Teledetect. (France)** - (BSFTDK)
Bulletin Societe Francaise de Photogrammetrie et de Teledetection 2 Avenue Pasteur, 94160 Saint-Mande, France
- Bull. Soc. R. Belge Electr. (Belgium)** - (BSREAW)
Bulletin de la Societe Royale Belge des Electriciens 1 Place du Trone, 1000 Bruxelles, Belgium
- Bull. Soc. R. Sci. Liege (Belgium)** - (BSRSA6)
Bulletin de la Societe Royale des Sciences de Liege L'Universite, 15 Avenue des Tilleuls, Liege, Belgium
- Bull. Spec. Astrophys. Obs.-North Caucasus (USA)** - (BSACDC)
Bulletin of the Special Astrophysical Observatory-North Caucasus [Translation of: *Astrofiz. Issled. Izd. Septis. Astrofiz. Obs. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Bull. Tech. Univ. Istanbul (Turkey)** - (ITEKAZ)
Bulletin of the Technical University of Istanbul (Istanbul Teknik Universitesi Bulletin) Taskisla, Istanbul, Turkey
- Bull. Tech. Vevey (Switzerland)** - (BTVVA8)
Bulletin Technique Vevey Ateliers de Constructions Mecaniques de Vevey SA, Vevey, Switzerland
- Bull. Tokyo Gakugei Univ. Ser. IV (Japan)** - (TGDSBH)
Bulletin of Tokyo Gakugei University. Series IV (Mathematics and Natural Sciences) 4-1-1 Nukui-kita-machi, Koganei, Tokyo, Japan
- Bull. Univ. Osaka Prefect. Ser. A (Japan)** - (BSKAAJ)
Bulletin of University of Osaka Prefecture, Series A University of Osaka Prefecture, Mozu, Sakai, Osaka, Japan
- Bull. Yamagata Univ. (Eng.) (Japan)** - (YDKKAR)
Bulletin of the Yamagata University (Engineering) Yamagata, Japan
- Bull. Yamagata Univ. (Nat. Sci.) (Japan)** - (BUYUAR)
Bulletin of the Yamagata University (Natural Science) Yamagata, Japan
- Burroughs Clearing House (USA)** - (BCLHAZ)
Burroughs Clearing House Burroughs Corp., Box 418, Detroit, MI 48232, USA
- Bus. Matters (GB)** - (BUSMDA)
Business Matters ECC Publications, 30-31 Islington Green, London N1 8BJ, England
- Bus. Syst. & Equip. (GB)** - (BSEAQ3)
Business Systems and Equipment Maclean-Hunter Ltd., 76 Oxford Street, London, W1, England
- BYTE (USA)** - (BYTEDJ)
BYTE BYTE Publications Inc., 70 Main Street, Peterborough, NH 03458, USA
- Byull. Inst. Teor. Astron. Akad. Nauk SSSR** - (BTASAU)
Byulleten' Instituta Teoreticheskoi Astronomii Akademii Nauk SSSR Leningradskoe Otdelenie Izdatelstva Nauka, Leningrad V-164, Mendelevskaya Lin. D. 1, USSR
- C.R. Acad. Bulg. Sci. (Bulgaria)** - (CRABAA)
Comptes Rendus de l'Academie Bulgare des Sciences Sofiya, Bulgaria
- C.R. Hebd. Seances Acad. Sci. Ser. A (France)** - (CHASAP)
Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie A (Sciences Mathematiques) Title changed to: *C.R. Hebd. Seances Acad. Sci. Ser. A (France)*
- C.R. Hebd. Seances Acad. Sci. Ser. B (France)** - (CHDBAN)
Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie B (Sciences Physiques) Centrale des Revues, Dunod/Gauthier-Villars, 70 rue de Saint-Mande, BP119, 93104 Montreuil Cedex, France. Merged with C.R. Hebd. Seances Acad. Sci. Ser. C (France) to form C.R. Seances Acad. Sci. Ser. II (France)
- C.R. Hebd. Seances Acad. Sci. Ser. C (France)** - (CHDCAQ)
Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie C (Sciences Chimiques) Centrale des Revues, Dunod/Gauthier-Villars, 70 rue de Saint-Mande, BP 119, 93104 Montreuil Cedex, France. Merged with C.R. Hebd. Seances Acad. Sci. Ser. B (France) to form C.R. Seances Acad. Sci. Ser. II (France)
- CA Mag. (Canada)** - (CAMADJ)
CA Magazine Canadian Institute of Chartered Accountants, 250 Bloor Street East, Toronto, M4W 1G5, Canada
- Cable Telev. Eng. (GB)** - (CTEVB3)
Cable Television Engineering Society of Cable Television Engineers, 10 Avenue Road, Dorridge, Solihull, Warwickshire, England
- Cah. Cent. Etud. Rech. Oper. (Belgium)** - (CCROAT)
Cahiers du Centre d'Etudes de Recherche Operationnelle c/o Institut de Statistique de l'U.L.B., C.P. 210, Boulevard du Triomphe, 1050 Bruxelles, Belgium
- Cah. Groupe Fr. Rheol. (France)** - (GFRCAO)
Cahiers de Groupe Francais de Rheologie 68, Bd. St-Michel, 75006 Paris, France
- Cah. Groupe Trav. (AFCEI) (France)** - (CGTIDI)
Cahiers du Groupe de Travail (AFCEI). Analyse de Experimentation dans les Sciences de l'Homme par les Methodes Informatiques Laboratoire d'Informatique pour les Sciences de l'Homme C.N.R.S., 34 Chemin Joseph-Aiguier, 13274 Marseille - Cedex 2, France
- Calcolo (Italy)** - (CALOBK)
Calcolo Istituto di Elaborazione della Informazione del CNR, Via S. Maria 46, 56100 Pisa, Italy
- California Manage. Rev. (USA)** - (CMNRAK)
California Management Review Graduate School of Business Administration, University of California, Berkeley, CA 94720, USA
- CALPHAD: Comput. Coupling Phase Diagrams & Thermochem. (GB)** - (CCCTD6)
CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Can. Aeronaut. & Space J. (Canada)** - (CSPJAE)
Canadian Aeronautics and Space Journal Canadian Aeronautics and Space Institute, Saxe Building, 60-75 Sparks Street, Ottawa, Ontario K1P 5A5, Canada
- Can. Controls & Instrum. (Canada)** - (CCISAU)
Canadian Controls and Instruments Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Can. Datsyst. (Canada)** - (CNDSAE)
Canadian Datasystems Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada

- Can. Electr. Eng. J. (Canada)** - (CEEJDY)
Canadian Electrical Engineering Journal Engineering Institute of Canada, Suite 700, EIC Building, 2050 Mansfield Street, Montreal, Canada
- Can. Electron. Eng. (Canada)** - (CAEAM)
Canadian Electronics Engineering Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Can. J. Chem. (Canada)** - (CJCHAG)
Canadian Journal of Chemistry National Research Council of Canada, Ottawa K1A 0R6, Canada
- Can. J. Chem. Eng. (Canada)** - (CJCEAT)
Canadian Journal of Chemical Engineering Canadian Society for Chemical Engineering, 151 Slater Street, Ottawa, Ontario, K1P 5H3, Canada
- Can. J. Earth Sci. (Canada)** - (CJESAP)
Canadian Journal of Earth Sciences National Research Council of Canada, Ottawa K1A 0R6, Canada
- Can. J. Inf. Sci. (Canada)** - (CJISDE)
Canadian Journal of Information Science Canadian Association of Information Science, Box 158, Terminal A, Ottawa, Ontario, K1N 8V2, Canada
- Can. J. Phys. (Canada)** - (CJPHAD)
Canadian Journal of Physics National Research Council of Canada, Ottawa K1A 0R6, Canada
- Can. J. Remote Sensing (Canada)** - (CJRSDP)
Canadian Journal of Remote Sensing Canadian Aeronautics and Space Institute, Saxe Building, 60-75 Sparks Street, Ottawa K1P 5A5, Canada
- Can. J. Spectrosc. (Canada)** - (CJSPAI)
Canadian Journal of Spectroscopy Multiscience Publications Ltd., 1253 McGill College, Suite 175, Montreal, Quebec H3B 2Y5, Canada
- Carbon (GB)** - (CRBNAH)
Carbon Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Cathode Press (USA)** - (CTPRAB)
Cathode Press Maclett Labs. Inc., 42 Camp Avenue, Springdale, CT 06879, USA
- CEGB Dig. (GB)** - (CEGDAN)
CEGB Digest Central Electricity Generating Board, Information Services, Sudbury House, 15 Newgate Street, London, EC1 7AU, England
- CEGB Res. (GB)** - (CEREDG)
CEGB Research Central Electricity Generating Board, Courtenay House, 18 Warwick Lane, London, EC4P 4EB, England
- CEGB Tech. Disclosure Bull. (GB)** - (CETDAK)
CEGB Technical Disclosure Bulletin Central Electricity Generating Board, Information Services, Sudbury House, 15 Newgate Street, London, EC1 7AU, England
- Celestial Mech. (Netherlands)** - (CLMCAV)
Celestial Mechanics D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- CEP (Chem. Eng. Prog.) (USA)** - (CEPRA8)
CEP (Chemical Engineering Progress) American Institute of Chemical Engineers, 347 East 47th Street, New York, NY 10017, USA
- Ceramurgia Int. (GB)** - (CEINDW)
Ceramurgia International Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Cerberus Alarm (Switzerland)** - (CBALAU)
Cerberus Alarm Cerberus Ltd., CH-8708 Mannedorf, Switzerland
- Cerberus Electron. (Switzerland)** - (CRELBR)
Cerberus Electronic Cerberus Ltd., CH 8708 Mannedorf, Switzerland
- Certif. Eng. (S. Africa)** - (CEENA9)
Certificated Engineer Institution of Certificated Mechanical & Electrical Engineers SA, P.O. Box 61019, Marshalltown, Transvaal, S. Africa
- Cesk. Cas. Fyz. Sekce A (Czechoslovakia)** - (CKCFAH)
Ceskoslovensky Casopis pro Fyziku, Sekce A Academia Publishing House of the Czechoslovak Academy of Sciences, Vodikova 40, 112 29 Praha 1, Czechoslovakia
- Cesk. Inf. Teor. & Praxe (Czechoslovakia)** - (CITPBH)
Ceskoslovenska Informatika, Teorie a Praxe Editorial address: 11357 Praha 1, Konviktska 5, Czechoslovakia
- Chalmers Tek. Hoegsk. Handl. (Sweden)** - (TCITAG)
Chalmers Tekniska Hogskolas Handlingar (Transactions of Chalmers University of Technology) Library of Chalmers University of Technology, Fack, 402 20 Goteborg 5, Sweden
- Chart. Mech. Eng. (GB)** - (CHMGAF)
The Chartered Mechanical Engineer Institution of Mechanical Engineers, P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England
- Chem. Biomed. & Environ. Instrum. (USA)** - (CBEIDA)
Chemical, Biomedical, and Environmental Instrumentation Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Chem. Eng. (GB)** - (CMERA9)
Chemical Engineer Institution of Chemical Engineers, 15 Belgrave Square, London, SW1X 8PT, England
- Chem. Eng. (USA)** - (CHEEA3)
Chemical Engineering McGraw-Hill Inc., McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA
- Chem. Eng. Aust. (Australia)** - (CEAUDD)
Chemical Engineering in Australia Institution of Engineers, Australia, College of Chemical Engineers, 11 National Circuit, Barton ACT, Australia
- Chem. Eng. J. (Switzerland)** - (CMEJAJ)
Chemical Engineering Journal Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Chem. Eng. Sci. (GB)** - (CESCAC)
Chemical Engineering Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Chem. Ing. Tech. (Germany)** - (CITEAH)
Chemie Ingenieur Technik Verlag Chemie GmbH, D-6940 Weinheim, Postfach 1260/1280, Pappelallee 3, Germany
- Chem. Phys. (Netherlands)** - (CMPHC2)
Chemical Physics North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Chem. Phys. Lett. (Netherlands)** - (CHPLBC)
Chemical Physics Letters North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Chem. Scr. (Sweden)** - (CSRBP9)
Chemica Scripta Royal Swedish Academy of Sciences, S-104 05 Stockholm 50, Sweden
- Chem. Tech. (Germany)** - (CHTEAA)
Chemische Technik VEB Deutscher Verlag fur Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany
- Chemtech (USA)** - (CHTEDD)
Chemtech Formerly: Chem. Technol. (USA) American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA
- Chief Executive (GB)** - (CHEXDT)
Chief Executive Morgan-Grampian Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England
- Chin. Astron. (GB)** - (CHASDS)
Chinese Astronomy [Translation of: Acta Astron. Sin. (China)] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Chin. J. Phys. (Taiwan)** - (CJOPAW)
Chinese Journal of Physics Physical Society of the Republic of China, Physics Department, National Taiwan University, Taipei, Taiwan, Republic of China
- Chip (Germany)** - (CHIPDP)
Chip Vogel-Verlag, Postfach 67 40, D-8700 Wurzburg 1, Germany
- Ciel & Terre (Belgium)** - (CIELAV)
Ciel et Terre Societe Belge d'Astronomie, de Meteorologie et de Physique du Globe, Avenue Circulaire 3, 1180 Bruxelles, Belgium
- Ciencia (Mexico)** - (CIENAZ3)
Ciencia Academia de la Investigacion Cientifica AC, Apartado Postal 69-692, Mexico 21, DF, Mexico
- CIM Bull. (Canada)** - (CIBUBA)
Canadian Mining and Metallurgical Bulletin Canadian Institute of Mining and Metallurgy, 400 1130 Sherbrooke Street West, Montreal, Que. H3A 2M8, Canada
- CIPS Rev. (Canada)** - (CIREDA)
CIPS Review (Revue ACI) Canadian Information Processing Society, National Office, 243 College Street, 5th Floor, Toronto, Ontario M5T 2Y1, Canada
- Circ. Electrotech. Lab. (Japan)** - (DSCHAM)
Circulars of the Electrotechnical Laboratory 2-chome, Nagata-cho, Chiyoda-ku, Tokyo, Japan
- Circuit World (GB)** - (CIWODV)
Circuit World Wela Publications Ltd., 29 Barns Street, Ayr KA7 1XB, Scotland
- Circuits Manuf. (USA)** - (CMFGAF)
Circuits Manufacturing Benwill Publishing Corp., 1050 Commonwealth Avenue, Boston, MA 02215, USA
- Clean Air (Australia)** - (CLNABV)
Clean Air Clean Air Society of Australia and New Zealand, Editorial address: 75 Downshire Road, Elsternwick, Victoria 3185, Australia. Subscription address: 151 Northern Road, Heidelberg, Victoria 3081
- Clim. Change (Netherlands)** - (CLCHDX)
Climatic Change D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- Clin. Phys. & Physiol. Meas. (GB)** - (CPPMD5)
Clinical Physics and Physiological Measurement Institute of Physics, Techno House, Redcliffe Way, Bristol BS1 6NX, England
- Cognitive Psychol. (USA)** - (CGPSBO)
Cognitive Psychology Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Coll. & Res. Libr. (USA)** - (CRLIAI)
College & Research Libraries 1201-05 Bluff Street, Fulton, MO 65251, USA
- Collect. Phenom. (GB)** - (CLPNAB)
Collective Phenomena Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Colloid J. USSR (USA)** - (COJOAS)
Colloid Journal of the USSR [Translation of: Kolloidn. Zh. (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Colloids & Surf. (Netherlands)** - (COSUD3)
Colloids and Surfaces Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Color Res. & Appl. (USA)** - (CREADU)
Color Research & Applications John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- Combust. & Flame (USA)** - (CBFMAO)
Combustion and Flame (Quarterly Journal of the Combustion Institute) American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Combust. Explos. & Shock Waves (USA)** - (CESWA4)
Combustion, Explosion and Shock Waves [Translation of: Fiz. Goreniya i Vzryva (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Commentat. Phys.-Math. (Finland)** - (CPHMAU)
Commentationes Physico-Mathematicae Societas Scientiarum Fennica, Snellmangatan 9-11, 00170 Helsinki 17, Finland
- Comments Astrophys. Comments Mod. Phys. Part C (GB)** - (COASD9)
Comments on Astrophysics. Comments on Modern Physics: Part C Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Comments At. & Mol. Phys. (GB)** - (CAMPBS)
Comments on Atomic and Molecular Physics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments Earth Sci. Geophys. (GB)** - (CESGAO)
Comments on Earth Sciences: Geophysics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments Nucl. & Part. Phys. (GB)** - (CNPFAV)
Comments on Nuclear and Particle Physics Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Comments Plasma Phys. & Controlled Fusion (GB)** - (CPCFBJ)
Comments on Plasma Physics and Controlled Fusion Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Comments Solid State Phys. (GB)** - (COSPBK)
Comments on Solid State Physics Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Commun. & Broadcast. (GB)** - (COBRDB)
Communication & Broadcasting Marconi Co. Ltd., Marconi House, New Street, Chelmsford, Essex CM1 1PL, England
- Commun. ACM (USA)** - (CACMA2)
Communications of the ACM Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Commun. Dublin Inst. Adv. Stud. Ser. A (Ireland)** - (CDIAAH)
Communications of the Dublin Institute for Advanced Studies, Series A School of Theoretical Physics, 10 Burlington Road, Dublin 4, Ireland
- Commun. Int. (GB)** - (CINTDZ)
Communications International Northwood Publications Ltd., Theba House, 49-50 Hatton Garden, London, EC1N 8XS, England

- Commun. Math. Phys. (Germany)** - (CMPHAY)
Communications in Mathematical Physics Springer-Verlag, Heidelberg
Platz 3, D-1000 Berlin 33, Germany
- Commun. R. Soc. Edinburgh (GB)** - (CRYSAB)
Communications to the Royal Society of Edinburgh (Physical Sciences)
22 George Street, Edinburgh, EH2 2PQ, Scotland
- Commun. Sci. & Tech. Inf. (GB)** - (CSTIBW)
Communicator of Scientific and Technical Information Institute of Scientific and Technical Communicators Ltd., 17 Blueridge Avenue, Brookmans Park, Hatfield, Herts. AL9 7RY, England
- Commun. Stat. Simulation & Comput. (USA)** - (CSSCDB)
Communications in Statistics - Simulation and Computation Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Commun. Stat.-Theory & Methods (USA)** - (CSTMDC)
Communications in Statistics - Theory and Methods Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Communications (USA)** - (CMUTAR)
Communications Cardiff Publishing Co., 3900 South Wadsworth Blvd., Denver, CO 80235, USA
- Commun. & Transm. (France)** - (COTNDL)
Communication & Transmission SOTELEC, 16 rue de la Baume, 75008 Paris, France
- Components Rep. (Germany)** - (CMRE3)
Components Report Title changed to: *Siemens Components (Engl. Ed.) (Germany)*
- Composites (GB)** - (CPSOAN)
Composites ICP Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5AW, England
- Comput. & Biomed. Res. (USA)** - (CBMRBT)
Computers and Biomedical Research Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Comput. & Chem. (GB)** - (COCHDK)
Computers & Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Chem. Eng. (GB)** - (CCENDW)
Computers & Chemical Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Educ. (GB)** - (COMEDR)
Computers & Education Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Electr. Eng. (USA)** - (CPREEBQ)
Computers & Electrical Engineering Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Comput. & Fluids (GB)** - (CPLFLI)
Computers & Fluids Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Geosci. (GB)** - (CGEODT)
Computers & Geosciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Graphics (GB)** - (COGRD2)
Computers & Graphics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Hum. (Netherlands)** - (COHUAD)
Computers and the Humanities North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Comput. & Ind. Eng. (GB)** - (CINDDL)
Computers & Industrial Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Math. with Appl. (GB)** - (CMAPDK)
Computers & Mathematics with Applications Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Med. (USA)** - (CMPMDI)
Computers and Medicine American Medical Association, 535 North Dearborn Street, Chicago, IL 60610, USA
- Comput. & Oper. Res. (GB)** - (CMORAP)
Computers & Operations Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & People (USA)** - (CPLEAQ)
Computers and People Berkeley Enterprises Inc., 815 Washington Street, Newtonville, MA 02160, USA
- Comput. & Struct. (GB)** - (CMSTCJ)
Computers and Structures Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. Age (GB)** - (COAGDT)
Computer Age Computer Age Ltd., 4 Valentine Place, London SE1, England
- Comput. Aided Des. (GB)** - (CAIDA5)
Computer Aided Design IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Comput. Appl. (GB)** - (CPUABQ)
Computer Applications Department of Geography, The University, Nottingham, NG7 2RD, England
- Comput. Biol. & Med. (GB)** - (CBMDAW)
Computers in Biology and Medicine Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. Bull. (GB)** - (COBUAH)
Computer Bulletin British Computer Society, 13 Mansfield Street, London W1M 0BP, England
- Comput. Commun. (GB)** - (COCOD7)
Computer Communications IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Comput. Data (Canada)** - (CODAD4)
Computer Data Whitely Publishing Ltd., Suite 2504, 2 Bloor Street West, Toronto, Ontario M3W 3E2, Canada
- Comput. Decis. (USA)** - (CODCB8)
Computer Decisions Hayden Publishing Co., 50 Essex Street, Rochelle Park, NJ 07662, USA
- Comput. Des. (USA)** - (CMPDAM)
Computer Design P.O. Box A, Winchester, MA 01890, USA
- Comput. Educ. (GB)** - (CPECBK)
Computer Education Editorial Address: National Computer Centre, Oxford Road, Manchester M1 7ED, England
- Comput. Graphics & Art (USA)** - (CGARDI)
Computer Graphics and Art Berkeley Enterprises Inc., 815 Washington Street, Newtonville, MA 02160, USA
- Comput. Graphics & Image Process. (USA)** - (CGIPBG)
Computer Graphics and Image Processing Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Comput. Graphics (USA)** - (CGRADI)
Computer Graphics Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Comput. Ind. (Netherlands)** - (CINUD4)
Computers in Industry North-Holland Publishing Co., P.O. Box 103, 1000 AC Amsterdam, Netherlands
- Comput. J. (GB)** - (CMPJAG)
Computer Journal British Computer Society, 13 Mansfield Street, London W1M 0BP, England
- Comput. Lang. (GB)** - (COLADA)
Computer Languages Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. Linguist. & Comput. Lang. (Hungary)** - (CLCOKD)
Computational Linguistics and Computer Languages Hungarian Academy of Sciences, Budapest, Hungary
- Comput. Manage. (GB)** - (CPMGA3)
Computer Management IDG Publishing Ltd., Glazier House, 140/146 Camden Street, London, NW1 9PF, England
- Comput. Methods Appl. Mech. & Eng. (Netherlands)** - (CMMECC)
Computer Methods in Applied Mechanics and Engineering North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Comput. Music J. (USA)** - (CMUJDY)
Computer Music Journal People's Computer Co., Box E, 1263 El Camino Real, Menlo Park, CA 94025, USA
- Comput. Networks (Netherlands)** - (CNETDP)
Computer Networks North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Comput. Peripherals Rev. (USA)** - (CPERDX)
Computer Peripherals Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA
- Comput. Pers. (USA)** - (CPPNB6)
Computer Personnel IDG Publishing for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Comput. Phys. Commun. (Netherlands)** - (CPHCBZ)
Computer Physics Communications North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Comput. Prod. Int. (GB)** - (CPRID3)
Computer Products International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Comput. Programs Biomed. (Netherlands)** - (COPMBU)
Computer Programs in Biomedicine Elsevier/North-Holland Biomedical Press, P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Comput. Rev. (USA)** - (CMRVCK)
Computer Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA
- Comput. Surv. (GB)** - (COSVA3)
Computer Survey United Trade Press, 42/43 Gerrard Street, London, W1V 7LP, England
- Comput. Surv. (USA)** - (CMSVAN)
Computing Surveys Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Comput. Talk (GB)** - (CMPTB3)
Computer Talk Talk Publications Ltd., 89-91 Wardour Street, London W1V 3TF, England
- Comput. Terminals Rev. (USA)** - (COTRDX)
Computer Terminals Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA
- Comput. Times with Computacards (GB)** - (COTID6)
Computer Times with Computacards Walker Ellis Ltd., 26 Lyons Drive, Worlesdon, Nr. Guildford, Surrey GU2 6BR, England
- Comput. Today (GB)** - (COMTD4)
Computing Today 145 Charing Cross Road, London WC2H 0EE, England
- Comput. Tomogr. (GB)** - (CTOMDS)
Computerized Tomography Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. Wkly. (GB)** - (COMWAA)
Computer Weekly IPC Business Press Ltd., 40 Bowling Green Lane, London, EC1R 0NE, England
- Compute (USA)** - (CMPTD5)
Compute National Semiconductor Corp., 2900 Semiconductor Drive, Santa Clara, CA 95051, USA
- Computer (USA)** - (CPTRB4)
Computer Institute of Electrical and Electronic Engineers Computer Society, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803, USA
- Computing (Austria)** - (CMPTA2)
Computing Springer-Verlag, A-1011 Wien, Molkerbastei 5, Postfach 367, Austria
- Computing (GB)** - (CPTGB5)
Computing Computing Publications Ltd., 55 Frith Street, London W1A 2HG, England
- Computing (Suppl.) (Austria)** - (COSPDM)
Computing (Supplementum) issued with: *Computing (Austria)*
- COMSAT Tech. Rev. (USA)** - (CSTRCQ)
COMSAT Technical Review Communications Satellite Corp., 950 L'Enfant Plaza, S.W., Washington, DC 20024, USA
- Comunicaciones (Cuba)** - (COMUB5)
Comunicaciones Centro de Informacion de Comunicaciones, Ministerio de Comunicaciones, Habana, Cuba
- Contemp. Phys. (GB)** - (CTPHAF)
Contemporary Physics Taylor and Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Contrib. Atmos. Phys. (Germany)** - (BPYAA5)
Contributions to Atmospheric Physics (Beitrage zur Physik der Atmosphäre) Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, P.O. Box 5829, D-6200 Wiesbaden, Germany
- Contrib. Geophys. Inst. Slovak Acad. Sci. (Czechoslovakia)** - (CGISAO)
Contributions of the Geophysical Institute of the Slovak Academy of Sciences VEDA, Publishing House of the Slovak Academy of Sciences, Bratislava, Czechoslovakia
- Contrib. Geophys. Inst. Slovak Acad. Sci. Ser. Meteorol. (Czechoslovakia)** - (CGIMD9)
Contributions of the Geophysical Institute of the Slovak Academy of Sciences, Series of Meteorology Dubravska cesta, 899 30 Bratislava, Czechoslovakia
- Contrib. Inst. Low Temp. Sci. Ser. A (Japan)** - (CLTSBD)
Contributions from the Institute of Low Temperature Sciences, Series A Hokkaido University, Sapporo, Japan

- Control & Cybern. (Poland)** - (CCYPAP)
Control and Cybernetics Panstwowe Wydawnictwo Naukowe, W-WA, Miodowa 10, Warszawa, Poland
- Control & Instrum. (GB)** - (CTLIAW)
Control & Instrumentation Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England
- Control Cybern. & Autom. (Cuba)** - (CCAZAB)
Control Cibernética y Automatización Centro de Automatización Industrial (C.A.I.), Paseo No. 452 esq. a 19, Vedado, Habana 4 (Apdo. 4019), Cuba
- Control Eng. (USA)** - (CENGAX)
Control Engineering Dun-Donelley Publishing Corp., 666 Fifth Avenue, New York, NY 10019, USA
- Controller (Germany)** - (CTLRAP)
The Controller International Federation of Air Traffic Controllers' Associations, S.C. 11, 6 Frankfurt am Main 60, Bornheimer Landwehr 57a, Germany
- Corros. Sci. (GB)** - (CRRSAA)
Corrosion Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Corrosion (USA)** - (CORRAK)
Corrosion National Association of Corrosion Engineers, 1440 South Creek, Houston, TX 77084, USA
- Cosmic Res. (USA)** - (CSCRAT)
Cosmic Research [Translation of: *Kosm. Issled. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Cost & Manage. (Canada)** - (CSTMA9)
Cost and Management Society of Management Accountants of Canada, 154 Main Street, Hamilton, Ontario L8N 3C3, Canada
- Cost Eng. (USA)** - (CSTEDM)
Cost Engineering American Association of Cost Engineers Inc., 308 Monongahela Buildings, Morgantown, WV 26505, USA
- Cour. Norm. (France)** - (CONOAP)
Courrier de la Normalisation Association Française De Normalisation, Tour Europe Cedex 7, 92080 Paris La Defense, France
- CQ Radio Amat. J. (USA)** - (CQCAOQ)
CQ Radio Amateur's Journal 76 North Broadway, Hicksville, NY 11801, USA
- CRC Crit. Rev. Bioeng. (USA)** - (CRBEAO)
CRC Critical Reviews in Bioengineering CRC Press Inc., 2255 Palm Beach Lakes Boulevard, West Palm Beach, FL 33409, USA
- CRC Crit. Rev. Solid State & Mater. Sci. (USA)** - (CCRSDA)
CRC Critical Reviews in Solid State and Materials Sciences CRC Press Inc., 18901 Cranwood Parkway Cleveland, OH 44128, USA
- Creative Comput. (USA)** - (CCOMDB)
Creative Computing P.O. Box 789-M, Morristown, NJ 07960, USA
- Cryogenics (GB)** - (CRYOAX)
Cryogenics IPC Science and Technology Press Ltd., Westbury House, Bury Street, Guildford, Surrey GU2 5AW, England
- Cryst. Lattice Defects (GB)** - (CLADA8)
Crystal Lattice Defects Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- CSLT Rapp. Tec. (Italy)** - (CSELBY)
CSLT Rapporti Tecnici CSLT - Centro Studi e Laboratori Telecomunicazioni, Torino, Via Guglielmo Reiss Romoli 274, Italy
- CSIO Commun. (India)** - (CSIOBT)
CSIO Communications Central Scientific Instruments Organisation, Sector 30, Chandigarh-160020, India
- Curr. Sci. (India)** - (CUSCAM)
Current Science Current Science Association, Raman Research Institute, Bangalore 560006, India
- Cursor (GB)** - (CURSDY)
Cursor ACT Petsoft, Radcliffe House, 66-68 Hagley Road, Edgbaston, Birmingham B16 8PF, England. Available only on computer cassette tape of Commodore format
- Cybernetica (Belgium)** - (CYBEA5)
Cybernetica International Association for Cybernetics, Place Andre Rijckmans, Namur, Belgium
- Cybernetics (USA)** - (CYBNAW)
Cybernetics [Translation of: *Kibernetika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Czech. Heavy Ind. (Czechoslovakia)** - (CZHIK)
Czechoslovak Heavy Industry Rapid, 13 UL, 28 Rijna, 11279 Praha 1, Czechoslovakia
- Czech. J. Phys. Sect. B (Czechoslovakia)** - (CZYPAO)
Czechoslovak Journal of Physics, Section B Academia, Publishing House of the Czechoslovak Academy of Sciences, Votickova 40, 112 29 Praha 1, Czechoslovakia
- Daedalus (USA)** - (DAEDAU)
Daedalus (Proceedings of the American Academy of Arts and Sciences) 165 Allandale Street, Jamaica Plain Station, Boston, MA 02130, USA
- Dainichi-Nippon Cables Rev. (Japan)** - (DNDAJW)
Dainichi-Nippon Cables Review Dainichi-Nippon Cables Ltd., Umeda Bldg., 7-3 Umdeba, Kita-ku, Osaka, Japan
- Danfoss J. (Denmark)** - (DNFJAB)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark
- Data (Denmark)** - (DAATDR)
Data Kronprinsensgade 14, Box 113, 1004 Kobenhavn K, Denmark
- Data Base (USA)** - (DTBSAN)
Data Base Association of Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Data Manage. (USA)** - (DTAMBZ)
Data Management Data Processing Management Association, 505 Busse Highway, Park Ridge, IL 60068, USA
- Data Process. Pract. (GB)** - (DPTAY)
Data Processing Practitioner Institute of Data Processing Ltd., Walter House, 418-422 Strand, London WC2R 0PW, England
- Data Processing (GB)** - (DPROAT)
Data Processing IPC Electrical-Electronic Press Ltd., 79-80 Blackfriars Road, London SE1 8HN, England
- Data Processor (USA)** - (DATPAS)
Data Processor Data Processing Division, International Business Machines Corp., 1133 Westchester Avenue, White Plains, NY 10604, USA
- Data Rep. (Germany)** - (DARPAT)
Data Report Siemens Aktiengesellschaft, Hellabrunner Strasse 1, 8000 Munchen 90, Germany
- Data Syst. (GB)** - (DASYAR)
Data Systems Embankment Press Ltd., Building 59, GEC Estate, East Lane, Wembley, Middx HA9 7TQ, England
- Database (USA)** - (DTBDSQ)
Database Online Inc., 11 Tannery Lane, Weston, CT 06883, USA
- Database J. (GB)** - (DAJODN)
Database Journal A.P. Publications Ltd., 322 St. John Street, London EC1V 4QH, England
- Datalink (GB)** - (DTLNDR)
Datalink 76 Dean Street, London, W1A 1BU, England
- Datamation (USA)** - (DTMNAT)
Datamation Technical Publishing Co., 1301 South Grove Avenue, Barrington, IL 60010, USA
- Decis. Sci. (USA)** - (DESCDQ)
Decision Sciences American Institute for Decision Sciences, University Plaza, Atlanta, GA 30303, USA
- Deep-Sea Res. Part A (GB)** - (DESRAY)
Deep-Sea Research Part A. Oceanographic Research Papers Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Def. Electron. (USA)** - (DEELDH)
Defense Electronics EW Communications Inc., 1170 East Meadow Drive, Palo Alto, CA 94303, USA
- Def. Sci. J. (India)** - (DSJOAA)
Defence Science Journal Metcalfe House, Delhi 110054, India
- Defektoskopiya (USSR)** - (DEFKAG)
Defektoskopiya Academy of Sciences of the USSR, Moskva, USSR [English translation in: *Sov. J. Nondestruct. Test. (USA)*]
- Delft Prog. Rep. (Netherlands)** - (DPRED2)
Delft Progress Report Delft University Press, Mijnbouwpolein 11, 2628 RT Delft, Netherlands
- Des. Eng. (GB)** - (DEMCBS)
Design Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England
- Desalination (Netherlands)** - (DSLNAH)
Desalination Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- Digital Des. (USA)** - (DIDEDJ)
Digital Design Benwill Publishing Corp., 1050 Commonwealth Avenue, Boston, MA 02215, USA
- Digital Processes (Switzerland)** - (DGPRBY)
Digital Processes Georgi Publishing Co., CH-1813 St. Saphorin, Switzerland
- Dimensions NBS (USA)** - (NBSTAR)
Dimensions NBS U.S. Department of Commerce, Washington, DC 20234, USA
- DISA Inf. (Denmark)** - (DISIAZ)
Danske Industri Syndikat A/S Information Disa Elektronik A/S, DK-2740 Skovlunde, Denmark
- Discrete Appl. Math. (Netherlands)** - (DAMADU)
Discrete Applied Mathematics North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Discrete Math. (Netherlands)** - (DSMHA4)
Discrete Mathematics North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Disp. Technol. & Appl. (GB)** - (DISPDP)
Displays, Technology and Applications IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford GU2 5BH, Surrey, England
- Doc. & Bibl. (Canada)** - (DCBBBO)
Documentation et Bibliothèques Association Canadienne des Bibliothécaires de Langue Française, 360 rue Le Moyne, Montreal 125, Canada
- Documentaliste (France)** - (DCMTAU)
Documentaliste A.D.B.S., 5 Avenue Franco-Russe, 75007 Paris, France
- Dokl. Akad. Nauk SSSR** - (DANKAS)
Doklady Akademii Nauk SSSR Editorial address: 117874 GSP-7 Moskva B-485, Profsoyuznaya Ul. 90 Kom. 533, USSR [English translations of selected articles in: *Sov. Phys.-Dokl. (USA)*]
- Dokl. Biophys. (USA)** - (DOKBAG)
Doklady Biophysics Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA. [Translation of the Biophysics Section of Doklady Akademii Nauk SSSR]
- Dopov. Akad. Nauk UKRSR. Ser. A (USSR)** - (DUKABM)
Dopovidi Akademii Nauk Ukrain's'koj RSR. Seriya A Fiziko-Tekhnichni ta Matematichni Nauki Izdatel'stvo 'Naukova Dumka', 252601 Kiev, MSP, Repina 3, USSR
- Dr. Dobb's J. Comput. Calisthenics & Orthod. (USA)** - (DDJODA)
Dr. Dobb's Journal of Computer Calisthenics & Orthodontia People's Computer Co., Box E, 1263 El Camino Real, Menlo Park, CA 94025, USA
- Dyn. Atmos. & Oceans (Netherlands)** - (DAOCDG)
Dynamics of Atmospheres and Oceans Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- Dyna (Spain)** - (DYNAAU)
Dyna Association Nacional De Ingenieros Industriales de Espana, A.L. Mazarredo, 69, 5 Bilbao 9, Apartado 646, Spain
- Earth & Extraterrest. Sci. (GB)** - (EEXSA5)
Earth and Extraterrestrial Sciences Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England
- Earth & Planet. Sci. Lett. (Netherlands)** - (EPSLA2)
Earth and Planetary Science Letters Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Earth Surf. Processes (GB)** - (ESPRDT)
Earth Surface Processes Title changed to: *Earth Surf. Processes & Landforms (GB)*
- Earthquake Eng. & Struct. Dyn. (GB)** - (IJEEBG)
Earthquake Engineering & Structural Dynamics John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Earthquake Not. (USA)** - (EAQNAT)
Earthquake Notes Eastern Section, Seismological Society of America, Printing and Photographic Center, Georgia Institute of Technology, Atlanta, GA 30332, USA
- EBI (Educ. Broadcast. Int.) (GB)** - (EBINAU)
EBI (Educational Broadcasting International) Published for the British Council by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England

- EBU Rev. Tech. (Belgium)** - (EBUTA6)
EBU Review, Technical Centre of the European Broadcasting Union, Avenue Albert Lancaster 32, B-1180 Bruxelles, Belgium
- EC-Nyt (Denmark)** - (ECNTDF)
EC-Nyt Issued with: *Elektronik (Denmark)*
- Echo Rech. (France)** - (ECRCFA)
L'Echo des Recherches Centre National d'Etudes des Telecommunications, 38 Rue du General Leclerc, 92 131 Issy-les-Moulineaux, France
- Econ. Comput. & Econ. Cybern. Stud. & Res. (Romania)** - (ECECAI)
Economic Computation and Economic Cybernetics Studies and Research Centre of Economic Computation and Economic Cybernetics, Bucuresti, Rumania
- ECTJ (USA)** - (EECTD8)
ECTJ Association for Educational Communications and Technology, 1126 16th Street, N.W., Washington, DC 20036, USA
- EDN (USA)** - (EDNSBH)
EDN Cahners Publishing Co. Inc., 221 Columbus Avenue, Boston, MA 02116, USA
- EDP Anal. (USA)** - (EDPAA6)
EDP Analyzer Canning Publications Inc., 925 Anza Avenue, Vista, CA 92083, USA
- EDPACS (USA)** - (EDPCDF)
EDPACS Automation Training Center Inc., 11250 Roger Bacon Drive, Suite 17, Reston, VA 22090, USA
- Educ. Comput. (GB)** - (EDCODK)
Educational Computing Educational Computing Ltd., 30-31 Islington Green, London, N1, England
- Educ. Stud. Math. (Netherlands)** - (EDSMAN)
Educational Studies in Mathematics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Educ. Technol. (USA)** - (EDTCAW)
Educational Technology Educational Technology Publications Inc., 140 Sylvan Avenue, Englewood Cliffs, NJ 07632, USA
- EDUCOM Bull. (USA)** - (EDCMAB)
EDUCOM Bulletin Box 364, Rosedale Road, Princeton, NJ 08540, USA
- Esti NSV Tead. Akad. Fuus. Inst. Uurim. (USSR)** - (ENTUDN)
Esti NSV Teaduste Akademia Fuusika Instituudi Uurimused Formerly: *Esti NSV Tead. Akad. Fuus. & Astron. Inst. Uurim. (USSR)* Akademii Nauk ESSR, Tallin, USSR
- Eisenbahntechnik (Germany)** - (DETEBZ)
Eisenbahntechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany
- Ekon.-Mat. Obz. (Czechoslovakia)** - (EKMOBF)
Ekonomicko-Matematicky Obzor Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodicova 40, 112 29 Praha 1, Czechoslovakia
- Electr. & Mech. Executive Eng. (GB)** - (EMEEDT)
Electrical and Mechanical Executive Engineer Formerly: *Executive Eng. (GB)* Association of Supervisory and Executive Engineers, Wix Hill House, West Horsley, Surrey KT24 6DZ, England
- Electr. Automob. (France)** - (ELATAA)
L'Electricite Automobile 59 Rue du Faubourg-Poissonniere, 75009 Paris, France
- Electr. Conf. Cond. News (USA)** - (ECCNDA)
Electric Comfort Conditioning News Electrical Information Publications Inc., 2132 Fordem Avenue, Madison, WI 53701, USA
- Electr. Commun. (GB)** - (ELCMAX)
Electrical Communication International Telephone & Telegraph Corp., 190 Strand, London, WC2R 1DU, England
- Electr. Commun. Lab. Tech. J. (Japan)** - (TJECAS)
Electrical Communication Laboratories Technical Journal Nippon Telegraph and Telephone Public Corp., 1551 Kichijoji, Musashino-shi, Tokyo, Japan
- Electr. Constr. & Maint. (USA)** - (ECOMAU)
Electrical Construction and Maintenance McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- Electr. Contract. (GB)** - (ECTCBQ)
Electrical Contractor Electrical Contractors' Association, ESCA House, 34 Palace Court, London W2 4HY, England
- Electr. Eng. (Australia)** - (ELEMAY)
Electrical Engineer Thompson Publishing (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Electr. Eng. Jpn. (USA)** - (EENJAU)
Electrical Engineering in Japan Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA. English translation of Trans. Inst. Electr. Eng. Jpn. Parts A, B and C (Japan)
- Electr. Eng. Rev. (Pakistan)** - (EERPAY)
Electrical Engineering Review West Pakistan University of Engineering and Technology, Lahore-31, Pakistan
- Electr. Equip. (GB)** - (ELEQBM)
Electrical Equipment Business Publications Ltd., 109-119 Waterloo Road, London, SE1 8UL, England
- Electr. India** - (EIDAAF)
Electrical India Indian Electrical Manufacturer's Association, 14 Sihd Prasad, Ghatkopar-Mohul Road, Tilak Nagar, P.O. Bombay 400-089, India
- Electr. Mach. & Electromech. (USA)** - (EMELDG)
Electric Machines and Electromechanics Hemisphere Publishing Corp., 1025 Vermont Avenue, N.W., Washington, DC 20005, USA
- Electr. Power Syst. Res. (Switzerland)** - (EPRSND)
Electric Power Systems Research Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- Electr. Rev. (GB)** - (ELREAG)
Electrical Review IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Electr. Technol. USSR (GB)** - (ELTGAW)
Electrical Technology USSR [Translation of: *Elektrichestvo (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Electr. Times (GB)** - (ELTIA4)
Electrical Times Dorset House, Stamford Street, London, SE1 9LU, England
- Electr. Veh. Dev. (GB)** - (EVEDDJ)
Electric Vehicle Developments Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, England
- Electr. World (USA)** - (ELWOA3)
Electrical World McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- Electra (France)** - (ECTRB3)
Electra 112 Boulevard Hausmann, 75008 Paris, France
- Electricidade (Portugal)** - (ELDDAB)
Electricidade Empresa Editorial Electrotecnica Edel, Rua de Dona Estefania, 48, 3., Esq., Lisboa 1, Portugal
- Electricite (Belgium)** - (ELTCAK)
Electricite. Revue de l'Union des Exploitations Electriques en Belgique galerie Ravenstein 4, Bte 6, 1000 Bruxelles, Belgium
- Electro Cour. (Germany)** - (ELCOD8)
Electro Courier Siemens Aktiengesellschaft, 8520 Erlangen 2, Postfach 3240, Germany
- Electro-Opt. Syst. Des. (USA)** - (EOSDB6)
Electro-Optical Systems Design Milton S. Kiver Publications Inc., 222 West Adams, Chicago, IL 60606, USA
- Electro-Rev. (Switzerland)** - (ERVUAO)
Electro-Revue 8027 Zurich, Spugenstrasse 6, Switzerland
- Electro-Technol. (India)** - (ELTEAQ)
Electro-Technology Society of Electronic Engineers, Electronics & Radar Development Establishment, Bangalore 1, India
- Electroacoustique (Belgium)** - (ELACBS)
Electroacoustique Universite de Liege, Laboratoire d'Electroacoustique, Liege, Belgium
- Electrochem. Ind. Process. & Biol. (GB)** - (EIPBBB)
Electrochemistry in Industrial Processing and Biology [Translation of: *Elektron. Obrah. Mater. (USSR)*] Scientific Information Consultants Ltd., 661 Finchley Road, London, NW2 2HN, England
- Electrochim. Acta (GB)** - (ELCAAW)
Electrochimica Acta Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Electrocompon. Sci. & Technol. (GB)** - (ECSTC5)
Electrocomponent Science and Technology Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Electroencephalogr. & Clin. Neurophysiol. (Netherlands)** - (ECNEAZ)
Electroencephalography and Clinical Neurophysiology Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Electromedica (Germany)** - (ELMCBK)
Electromedica Siemens Aktiengesellschaft, Medical Engineering Group, 8520 Erlangen, Henkestrasse 127, Germany
- Electromyography & Clin. Neurophysiol. (Belgium)** - (EMCNA9)
Electromyography and Clinical Neurophysiology Nauwelaerts Publishing House, Muntstraat 10, Louvain, Belgium
- Electron (Canada)** - (ELTNBK)
Electron Title changed to: *Audio Scene Can. (Canada)*
- Electron (GB)** - (ELTNCL)
Electron IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Electron Technol. (Poland)** - (ETNTAT)
Electron Technology Instytut Technologii Elektronowej, Al. Lotnikow 32/46, 02-668 Warszawa, Poland
- Electron. & Appl. Ind. (France)** - (EAINDQ)
Electronique & Applications Industrielles Societe des Editions Radio, 9 Rue Jacob, 75006 Paris, France. Merged with Autom. & Inf. Ind. to form *Electron. Ind. (France)*
- Electron. & Commun. (Canada)** - (ECEPAN)
Electronics and Communications Southam Business Publications Ltd., 1450 Don Mills Road, Don Mills, Ontario, Canada
- Electron. & Commun. Jpn. (USA)** - (ECOJAL)
Electronics and Communications in Japan Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA. English translation of selected articles from Trans. Inst. Electron. & Commun. Eng. A, B, C, D, (Japan)
- Electron. & Power (GB)** - (ELPWAQ)
Electronics and Power Journal of the Institution of Electrical Engineers Savoy Place, London, WC2R 0BL, England
- Electron. Aust. (Australia)** - (EAUSAU)
Electronics Australia Editorial address: 57-59 Regent Street, Sydney 2008, Australia
- Electron. Components & Appl. (Netherlands)** - (ECAPD6)
Electronic Components & Applications N.V. Philips' Gloeilampenfabrieken, Elcoma Marketing Communications, Eindhoven, Netherlands. Mulard Ltd., Technical Publications Department, New Road, Mitcham, Surrey CR4 4XY
- Electron. Des. (USA)** - (ELODAW)
Electronic Design Hayden Publishing Co. Inc., 50 Essex Street, Rochelle Park, NJ 07662, USA
- Electron. Eng. (GB)** - (ELCEA9)
Electronic Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England
- Electron. Equip. News (GB)** - (EEQNAN)
Electronic Equipment News Business Publications Ltd., 109/119 Waterloo Road, London SE1 8UL, England
- Electron. Ind. (France)** - (EIDUDA)
Electronique Industrielle Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France
- Electron. Ind. (GB)** - (EINDND9)
Electronics Industry Lesterstar Ltd., 375 Upper Richmond Road West, London, SW17 7NX, England
- Electron. Inf. & Plann. (India)** - (ELIPB5)
Electronics Information and Planning IPAG, Electronics Commission, C-5/18 Safdarjung Development Area, New Delhi 110016, India
- Electron. Lett. (GB)** - (ELLEAK)
Electronics Letters Institution of Electrical Engineers, Savoy Place, London, WC2R 0BL, England
- Electron. Packag. & Prod. (USA)** - (ELPPA5)
Electronic Packaging and Production Milton S. Kiver Publications Inc., 222 West Adams Street, Chicago, IL 60606, USA
- Electron. Prod. (GB)** - (ELPDB4)
Electronic Production Kiver-Patterson Publishing, 322 St. John Street, London EC1, England
- Electron. Prod. Des. (GB)** - (EPDEDB)
Electronic Product Design Techpress Publishing Co. Ltd., Holwood House, 24 Holwood Road, Bromley, Kent BR1 3EB, England
- Electron. Prog. (USA)** - (ELTPAP)
Electronic Progress Raytheon Co., Lexington, MA 02173, USA
- Electron. Technol. (GB)** - (ELTSDN)
Electronic Technology Society of Electronic and Radio Technicians, 57-61 Newington Causeway, London SE1 6BL, England
- Electron. Test (USA)** - (ELTETD)
Electronics Test Benwill Publishing Corp., 1050 Commonwealth Avenue, Boston, MA 02215, USA
- Electron. Today (India)** - (ETAYAD)
Electronics Today 4-A Naaz Bldg., Lamington Road, Bombay-4, India

- Electron. Today Int. (GB)** - (ETINDN)
Electronics Today International Modmags Ltd., 145 Charing Cross Road, London WC2H 8DE, England
- Electronics (USA)** - (ELECAD)
Electronics McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- Electrophotography (Japan)** - (ELPYAW)
Electrophotography Society of Electrophotography of Japan, Tokyo, Japan
- Electrotechnology (GB)** - (ETNYBB)
Electrotechnology Formerly: *Electr. & Electron. Tech. Eng. (GB)* Institution of Electrical and Electronics Technician Engineers, 2 Savoy Hill, London, WC2R 0BS, England
- Electrotech. Electron. & Autom. Autom. & Electron. (Romania)** - (EAAEDR)
Electrotehnica, Electronica si Automatica. Automatica si Electronica O.I.D.-M.I.C.M.U.E., Bucuresti, Calea Victoriei nr. 133, Rumania
- Electrotech. Electron. & Autom. Electrotech. (Romania)** - (EAAEDL)
Electrotehnica, Electronica si Automatica. Electrotehnica O.I.D.-M.I.C.M.U.E., Bucuresti, Calea Victoriei nr. 133, Rumania
- Elektor (GB)** - (ELEKD6)
Elektor Elektor Publishers Ltd., Elektor House, 10 Longport, Canterbury CT1 1PE, England
- Elektr. & Teplovovoznaya Tyaga (USSR)** - (ETTYA6)
Elektricheskaya i Teplovovoznaya Tyaga Editorial Address: 107140 Moskva B-140, Krasnopruhnaya ul., 22/24, rep. 262-12-32, USSR
- Elektr. Bahnen (Germany)** - (ELBAAQ)
Elektrische Bahnen R. Oldenbourg Verlag GmbH, 8 Munchen 80, Rosenheimer Strasse 145, Germany
- Elektr. Masch. (Germany)** - (ELMCAJ)
Elektrische Maschinen Huthig & Pfaff Verlag GmbH & Co., 69 Heidelberg 1, Wilckenstrasse 3-5, Germany
- Elektr. Stantsii (USSR)** - (EKSTAP)
Elektricheskie Stantsii Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR [English translation in: *Sov. Power Eng. (USA)*]
- Elektrichestvo (USSR)** - (ELEKA3)
Elektrichestvo Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR [English translations of selected articles in: *Electr. Technol. USSR (GB)*]
- Elektrie (Germany)** - (EKTRA0)
Elektrie Kammer der Technik, Fachverband Elektrotechnik Publication address: VEB Verlag Technik, Oranienburger Strasse 13-14, Berlin 102, Germany
- Elektrizitatsverwertung (Switzerland)** - (EKZVAV)
Elektrizitatsverwertung (L'Electricite Electrical Service) Elektrowirtschaft, Victoriahaus, Bahnhofplatz 9, Postfach 2272, 8023 Zurich, Switzerland
- Elektrizitatswirtschaft (Germany)** - (EKZWAZ)
Elektrizitatswirtschaft VDEW, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany
- Elektro (Norway)** - (EEROAV)
Elektro Ingeniorsforlaget A/S, Ingeniørenes Hus, Kronprinsensgt. 17, Boks 2476, Oslo 2, Norway
- Elektro Prom.-st. & Priborostr. (Bulgaria)** - (ELPBAV)
Elektro Promishlenost i Priborostroene Poshcenska Kutiya 98, UL 'Ivan Vazov 16, Sofiya 1080, Bulgaria
- Elektro-Anz. (Germany)** - (EKANAJ)
Elektro-Anzeiger W. Girardet, 43 Essen, Girardetstrasse 2-38, Postfach 9, Germany
- Elektrokhimiya (USSR)** - (ELKKAX)
Elektrokhimiya Institut-Elektrokhimii, Akademiya Nauk SSSR, Moskva-V71, Leninskii Prospekt 31, USSR [English translation in: *Sov. Electrochem. (USA)*]
- Elektromeister & Dtsch. Elektrohandwerk (Germany)** - (EMDEAL)
Elektromeister & Deutsches Elektrohandwerk Huthig & Pfaff Verlag, 8 Munchen 19, Lazarettstrasse 4, Germany
- Elektron Int. (Austria)** - (EKITA9)
Elektron International 'Elektron'-Verlag, Postfach 156, A-4010 Linz-Donau, Austria
- Elektron. Anz. (Germany)** - (EANZAG)
Elektronik Anzeiger Title changed to: *Elektron. Appl. (Germany)*
- Elektron. Entwickl. (Germany)** - (ELEEDM)
Elektronik Entwicklung Verlag fur Technik und Wirtschaft Meynen KG, Postfach 5769, D-6200 Wiesbaden, Germany
- Elektron. Heute (Germany)** - (ELHED3)
Elektronik Heute Kontron Elektronik GmbH, 8057 Eching bei Munchen, Breslauer Strasse 2, Germany
- Elektron. Ind. (Germany)** - (EKIDAT)
Elektronik Industrie Elektro-Welt Verlag DR. Huthig, 6900 Heidelberg 1, Wilckenstrasse 3-5, Postfach 102869, Germany
- Elektron. Informationsverarb. Kybern. (Germany)** - (EIVKAX)
Elektronische Informationsverarbeitung und Kybernetik (EIK) Akademie-Verlag, DDR 108 Berlin, Leipziger Strasse 3-4, Germany
- Elektron. J. (Germany)** - (EKTJAY)
Elektronik Journal Europa Fachpresse Verlag GmbH, 8 Munchen 40, Leopoldstrasse 175, Germany
- Elektron. Model. (USSR)** - (ELMOD0)
Elektronnoe Modelirovaniye Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Ul. Repina 3, USSR
- Elektron. Obrab. Mater. (USSR)** - (EOBMAF)
Elektronnaya Obrabotka Materialov Academy of Sciences of the Moldavian SSR, Agent: Mezhdunarodnaya Kniga, Moskva G 200, USSR [English translation in: *Electrochem. Ind. Process. & Biol. (GB)*]
- Elektron. Prax. (Germany)** - (EKPXAM)
Elektronik Praxis Vogel-Verlag KG, Max Planck-Strasse 7/9, 8700-Wurzburg, Germany
- Elektron. Rechenanlagen (Germany)** - (ELRAA4)
Elektronische Rechenanlagen R. Oldenbourg Verlag GmbH, 8 Munchen 80, Rosenheimerstrasse 145, Germany
- Elektron. Tekh. Ser. 12 (USSR)** - (ETUKA3)
Elektronnaya Tekhnika Seriya 12 Ministerstvo Elektronnoy Promishlennosti SSSR, Institut 'Elektronika', Moskva, USSR
- Elektronik (Denmark)** - (ELKOAB)
Elektronik Teknisk Forlag A/S, Skelbaekgade 4, 1717 Kobenhavn V, Denmark
- Elektronik (Germany)** - (EKRKAR)
Elektronik Franzis-Verlag GmbH, 8 Munchen 37, Postfach 3701 20, Karlstrasse 37, Germany
- Elektronika (Poland)** - (EKNTBZ)
Elektronika Editorial address: Al. Swierczewskiego, 95/99, M. 43, III p., 00-144, Warszawa, Poland
- Elektroniker (Switzerland)** - (ELKRBL)
Der Elektroniker Aargauer Tagblatt AG, 5001 Aarau, Switzerland
- Elektronikschau (Austria)** - (ELTRDY)
Elektronikschau Technischer Verlag Erb Ges. m.b.H., A-1061 Wien 6, Mariahilfer Strasse 71, Postfach 101, Austria
- Elektroprivreda (Yugoslavia)** - (EKPVAG)
Elektroprivreda Yugoslav Electricity Union and the Association of Yugoslav Electrical Industry. Editorial address: Balkanska 13-15, Beograd, Yugoslavia
- Elektrosvyaz (USSR)** - (EKVZAO)
Elektrosvyaz Ministerstvo svyazi SSR, USSR [English translation in: *Telecommun. & Radio Eng. Part I (USA)*]
- Elektrotech. & Maschinenbau (EuM) (Austria)** - (EKMBA9)
Elektrotechnik und Maschinenbau Springer Verlag, 1A-1011 Wien, Molkerbastei 5, Postfach 367, Austria
- Elektrotech. Cas. (Czechoslovakia)** - (ELKCA9)
Elektrotechnicky Casopis 89530 Bratislava, Klemensova 19, Czechoslovakia
- Elektrotech. Obz. (Czechoslovakia)** - (EKOBAJ)
Elektrotechnicky Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Elektrotech. Z. ETZ (Germany)** - (EELZD3)
Elektrotechnische Zeitschrift ETZ VDE-Verlag GmbH, Bismarckstrasse 33, D-1000 Berlin 12, Germany
- Elektrotechniek (Netherlands)** - (ELTKAA)
Elektrotechniek Eendrachtstraat 2, Postbus 6, 7940 AA Meppel, Netherlands
- Elektrotechnik (Czechoslovakia)** - (EKTRBP)
Elektrotechnik SNTL, 111302 Praha 1, Spalena ul. 51, Czechoslovakia
- Elektrotechnik (Germany)** - (EKTGBE)
Elektrotechnik Vogel-Verlag KG, Max-Planck-Strasse 7-9, 8700 Wurzburg, Germany
- Elektrotechnik (Switzerland)** - (EKTGD6)
Elektrotechnik Verlags-Aktiengesellschaft, verlag "Elektrotechnik", Apfelhausweg 14, Postfach 68, 5001 Aarau, Switzerland
- Elektrotechnika (Hungary)** - (EKTTAU)
Elektrotechnika Kultura, H-1389 Budapest, P.O. Box 149, Hungary
- Elektroteh. Vestn. (Yugoslavia)** - (ELVEA2)
Elektrotehniski Vestnik Editorial address: YU-61001 Ljubljana, P.O. Box 92 - II, Trzaska 25, Yugoslavia
- Elektrotehnika, Zagreb (Yugoslavia)** - (ELTHB2)
Elektrotehnika Elektrotehnicko Društvo Hrvatske, Zagreb, Bevilaviceva 6, Ikat, Soba br. 20, Yugoslavia
- Elektrotehnika (USSR)** - (ELTKAQ)
Elektrotehnika Izdatel'stvo 'Energiya', 113114 Moskva, M-114 Shlyuzovaya Nab., 10, USSR [English translation in: *Sov. Electr. Eng. (USA)*]
- Elektrowaerme Int. Ed. B (Germany)** - (ELWIBK)
Elektrowaerme International, Edition B Vulkan-Verlag Dr. W. Classen Nachf. GmbH & Co. KG, D43 Essen, Haus der Technik, Postfach 7049, Germany
- Eletrificazione (Italy)** - (ELTZAL)
Eletrificazione Editoriale Delfino, Via S. d'Orsenigo 25, 20135 Milano, Italy
- Electron. & Telecommun. (Italy)** - (ETTCB9)
Electronica e Telecomunicazioni Via Arsenale 41, 10121 Torino, Italy
- Electron. Oggi (Italy)** - (ELOGDA)
Electronica Oggi Jackson Italiana Editrice S.r.l., P. Le Massari, 22, 20125 Milano, Italy
- Elektrotecnica (Italy)** - (ETRTAF)
Elektrotecnica Ufficio Centrale AEI, Viale Monza 259, 20126 Milano, Italy
- Elin-Z. (Austria)** - (ELNZAP)
Elin-Zeitschrift Elin Union, A-1141 Wien XIV, Penzinger Strasse 76, Austria
- Elek. Aktuell Elektron. (Sweden)** - (ETAEBM)
Elektnik med Aktuell Elektronik Ingenjorsforlaget AB, Box 27315, 102 54 Stockholm, Sweden
- Endavour New Ser. (GB)** - (ENDEAS)
Endavour New Series Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Energ. & Atomtech. (Hungary)** - (ENATAO)
Energia es Atomtechnika Kiadja a Lapiado Vallalat, Budapest VII, Lenin Korut 9-11, Hungary
- Energ. Eletr. (Italy)** - (ENELAK)
Energia Elettrica via Rubattino 54, 20134 Milano, Italy. Journal split into two parts: *Energ. Eletr. A (Italy)* and *Energ. Eletr. B (Italy)*
- Energ. Fluide (France)** - (ENFLAP)
Energie Fluide Compagnie Francaise d'Editions, 40 rue Colisee, 75381 Paris Cedex 08, France
- Energetica (Romania)** - (EGTAAD)
Energetica Editorial address: Bucuresti, Bd. Energeticienilor 8 Sectorul 4, Rumania
- Energetik (USSR)** - (EGTKA9)
Energetik Editorial address: 109068 Moskva, Ul. Avtozavodskaya, 14/23, USSR
- Energetika (Czechoslovakia)** - (EGKAA2)
Energetika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Energetyka (Poland)** - (EGYAA4)
Energetyka Subscription Address: Wydawnictwo NOT, UL. Mazowieckiej 12, 00-048 Warszawa, Poland
- Energia Nuclear (Spain)** - (ENNCA4)
Energia Nuclear Junta de Energia Nuclear, Avda. Complutense 22, Ciudad Universitaria, Madrid-3, Spain
- Energia Nucleare (Italy)** - (ENNLAV)
Energia Nucleare Casella Postale 3986, 20100 Milano, Italy
- Energie (Germany)** - (ENERA4)
Energie Technischer Verlag Resch KG, 8032 Grafelfing, Postfach 1129, Germany
- Energiespectrum (Netherlands)** - (NRGSDB)
Energiespectrum Energieonderzoek Centrum Nederland, Scheveningseweg 112, Den Haag, Netherlands
- Energetiechnik (Germany)** - (ETNKA2)
Energetiechnik VEB Deutscher Verlag fur Grundstoffindustrie, Karl-Heine-Strasse 27, 7031 Leipzig, Germany
- Energiewirtsch. Tagesfragen (Germany)** - (EWTFA4)
Energiewirtschaftliche Tagesfragen Energiewirtschaft und Technik Verlagsgesellschaft mbH, 8032 Grafelfing, Postfach 1229, Germany
- Energija (Yugoslavia)** - (ENJAC4)
Energija Zagreb, Ulica Proleterskih Brigada 37, Post pretinac 293, Yugoslavia

- Energopomiar (Poland)** - (EBNZAN)
Energopomiar, Biuletyn Nakowa-Techniczny Zakladu Baden i Pomiarow
Issued with: *Energetyka (Poland)*
- Energy & Build. (Switzerland)** - (ENEBDR)
Energy and Buildings Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Energy (GB)** - (ENEYDS)
Energy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Energy Commun. (USA)** - (ENOCODM)
Energy Communications Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Energy Convers. & Manage. (GB)** - (ECMADL)
Energy Conversion and Management Formerly: *Energy Convers. (GB)*
Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Energy Convers. (GB)** - (ENERB5)
Energy Conversion Title changed to: *Energy Convers. & Manage. (GB)*
- Energy Dev. (Germany)** - (EDEVDH)
Energy Developments Technischer Verlag Resch KG, Postfach 1129, D-8032 Grafelfing/Munchen, Germany
- Energy Dev. Jpn. (USA)** - (EDJADD)
Energy Developments in Japan Rumford Publishing Co. Inc., Box 5370, Chicago, IL 60680, USA
- Energy Int. (USA)** - (ENEIBC)
Energy International Title changed to: *Mod. Power Syst. (USA)*
- Energy Policy (GB)** - (ENPYAC)
Energy Policy IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Energy Sources (USA)** - (EGYSAO)
Energy Sources Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA
- Energy Syst. & Policy (USA)** - (ESYPBW)
Energy Systems and Policy Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA
- Eng. Cybern. (USA)** - (ENCYAF)
Engineering Cybernetics [Translation of: *Tekh. Kibernet. (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Eng. Dig. (GB)** - (ENDGAY)
Engineers' Digest 120 Wignmore Street, London, W1 1YZ, England
- Eng. Econ. (USA)** - (ENECAR)
Engineering Economist American Society for Engineering Education, Engineering Education Division, 300 West Chestnut Street, Ephrata, PA 17522, USA
- Eng. Fract. Mech. (GB)** - (EFMEAII)
Engineering Fracture Mechanics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Eng. J. (Canada)** - (ENJOAK)
Engineering Journal Engineering Institute of Canada, 700 EIC Building, 2050 Mansfield Street, Montreal 110, Quebec H3A 1Y9, Canada
- Eng. Mater. & Des. (GB)** - (EMTDAU)
Engineering Materials & Design IPC Industrial Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England
- Eng. Med. (GB)** - (EGMDAL)
Engineering in Medicine Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England
- Eng. Optimization (GB)** - (EGOPAX)
Engineering Optimization Gordon and Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Engineer (GB)** - (ENGIAL)
Engineer Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England
- Entropie (France)** - (ENTPAS)
Entropie Editions Barthelemy & Co., 54 avenue Marceau, F-75008 Paris, France
- Environ. & Exp. Bot. (GB)** - (EEBODM)
Environmental and Experimental Botany Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Environ. Sci. & Technol. (USA)** - (ESTHAG)
Environmental Science and Technology American Chemical Society, 1155 16th Street, N.W., Washington, DC 20036, USA
- EOQC Qual. (Switzerland)** - (EOQUDF)
EOQC Quality EOQC Secretariat, c/o ATAG, Department of Information and Technical Associations, P.O. Box 2613, CH-3001 Berne, Switzerland
- EOS Trans. Am. Geophys. Union (USA)** - (EOSTAJ)
EOS Transactions of the American Geophysical Union 2000 Florida Avenue, N.W., Washington, DC 20009, USA
- EPE (Belgium)** - (RETPAH)
EPE U.R.T.B., rue des Champs Elisees 43, B-1050 Brussels, Belgium
- Equip. Ind. Achats & Entretien (France)** - (EIAEDF)
Equipelement Industriel Achats et Entretien Les Nouvelles du Monde, 13 rue de Liege, 75009 Paris, France
- ERA (Sweden)** - (ERAFAA)
ERA Foreningen for Elektricitetens Rationella Anvandning. Norrullsgatan 6, Box 6405, 113 82 Stockholm, Sweden
- Erocle Marelli (Italy)** - (ERMADO)
Erocle Marelli 20121 Milano, via Borgonuovo 24, Italy
- Ericsson Rev. (Sweden)** - (ERREAO)
Ericsson Review L.M. Ericsson, S-12625 Stockholm 32, Sweden
- Ericsson Tech. (Sweden)** - (ERITAO)
Ericsson Technics L.M. Ericsson, S-126 25 Stockholm, Sweden
- ESA Bull. (France)** - (ESABD8)
ESA Bulletin ESA Space Documentation Service, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France
- ESA J. (Netherlands)** - (ESAJDW)
ESA Journal ESA Scientific & Technical Information Branch, ESTEC, Noordwijk, Netherlands
- Escher Wyss News (Switzerland)** - (ESWNAF)
Escher Wyss News Escher Wyss Ltd., RA914, Postfach, CH-8023 Zurich, Switzerland
- ETA Elektrowarme Tech. Ausbau Ed. A (Germany)** - (EETAD2)
ETA Elektrowarme im Technischen Ausbau Edition A Vulkan-Verlag Dr W. Classen Nachf. GmbH & Co. KG, D 43 Essen 1, Haus der Technik, Postfach 7049, Germany
- ETZ Arch. (Germany)** - (ETZADZ)
ETZ Archiv VDE-Verlag GmbH, Bismarckstrasse 33, D-1000 Berlin 12, Germany
- Eur. Appl. Res. Rep. Nucl. Sci. Technol. Sect. (USA)** - (EARRDF)
European Applied Research Reports, Nuclear Science Technology Section
Published for the Commission of the European Communities by Harwood Academic Publishers, P.O. Box 786, Cooper Station, New York, NY 10003, USA
- Eur. J. Eng. Educ. (Netherlands)** - (EJEED8)
European Journal of Engineering Education Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Eur. J. Nucl. Med. (Germany)** - (EJNMD9)
European Journal of Nuclear Medicine Springer-Verlag, Heidelberg Platz 3, D-1000 Berlin 33, Germany
- Eur. J. Oper. Res. (Netherlands)** - (EJORDT)
European Journal of Operational Research North-Holland Publishing Co., P.O. Box 103, 1000 AC Amsterdam, Netherlands
- Eur. J. Phys. (GB)** - (EJPHD4)
European Journal of Physics Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- Eur. J. Sci. Educ. (GB)** - (EJSEDA)
European Journal of Science Education Taylor & Francis Ltd., 10-14 Macklin Street, London WC2 5NF, England
- Eur. Polym. J. (GB)** - (EUPJAG)
European Polymer Journal Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Euromicro J. (Netherlands)** - (EUJOD4)
Euromicro Journal Title changed to: *Microprocess. & Microprogram. (Netherlands)*
- Eval. Eng. (USA)** - (EVENAE)
Evaluation Engineering A. Verner Nelson Associates, Nelson Building, 1282 Old Skokie Road, Highland Park, IL 60035, USA
- EX Mag. (Germany)** - (EXMADW)
EX Magazine R. Stahl GmbH & Co., P.O. Box 210, Bergstrasse 2, D-7118 Kunzelsau, Germany
- Executive Eng. (GB)** - (EXENDV)
Executive Engineer Title changed to: *Electr. & Mech. Executive Eng. (GB)*
- Exp. Mech. (USA)** - (EXMCAZ)
Experimental Mechanics Society for Experimental Stress Analysis, 21 Bridge Street, P.O. Box 277, Sangatusk Sta., Westport, CT 06880, USA
- Exp. Tech. Phys. (Germany)** - (EXPPAL)
Experimentelle Technik der Physik VEB Deutscher Verlag der Wissenschaften, 108 Berlin, Johannes-Dieckmann Strasse 10, Germany
- Faraday Disc. Chem. Soc. (GB)** - (FDCSB7)
Faraday Discussions of the Chemical Society Faraday Division, Burlington House, London W1V 0BN, England
- Faraday Symp. Chem. Soc. (GB)** - (FSYCA3)
Faraday Symposia of the Chemical Society Faraday Division Burlington House, London W1V 0BN, England
- Fastening (GB)** - (FASTD3)
Fastening Business Publications Ltd., 109-119 Waterloo Road, London SE1 8UL, England
- Fatigue Eng. Mater. & Struct. (GB)** - (FMSTDJ)
Fatigue of Engineering Materials and Structures Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Feingeratechnik (Germany)** - (FGRTA3)
Feingeratechnik VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- Feinwerktech. & Messtech. (Germany)** - (FEMEDO)
Feinwerktechnik & Messtechnik Carl Hanser Verlag, D-8000 Munchen 80, Kolbergerstrasse 22, Germany. Incorporating Feinwerktech. & Micronic (Germany) and Messtechnik (Germany)
- Fernmelde-Ing. (Germany)** - (FINGAQ)
Fernmelde-Ingenieur Verlag fur Wissenschaft und Leben, Georg Heidecker, Kulsheimer Strasse 11, 8532 Bad Windsheim, Germany
- Fernmelde-Praxis (Germany)** - (FEPXPAP)
Fernmelde-Praxis Fachverlag Schiele und Schon GmbH, Markgrafstrasse 11, 1000 Berlin 61, Germany
- Fernmeldetechnik (Germany)** - (FERNB6)
Fernmeldetechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany
- Fernseh- & Kino-Tech. (Germany)** - (FNKTAH)
Fernseh- und Kino-Technik Huthig und Pfaff Verlag, 8000 Munchen 2, Postfach 201920, Germany
- Fernwaerme Int. (Germany)** - (FRWMAG)
Fernwaerme International 6000 Frankfurt (Main) 70, Stresemannallee 23, Germany
- Ferroelectrics (GB)** - (FEROA8)
Ferroelectrics Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Fertigungstech. & Betr. (Germany)** - (FTGBAJ)
Fertigungstechnik und Betrieb VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- Fiber & Integrated Opt. (USA)** - (FOIOD2)
Fiber and Integrated Optics Crane, Russak & Co. Inc., 3 East 44th Street, New York, NY 10017, USA
- Finish. Ind. (GB)** - (FIINDP)
Finishing Industries Wheatland Journals Ltd., 157 Hagden Lane, Watford WD1 8LW, England
- Finomtech-Mikrotech. (Hungary)** - (FNMKAY)
Finommechanika-Mikrotechnika Lapkidi Vallalat, 1073 Budapest 7, Lenin Korut 9-11, Hungary
- Fis. & Tecnol. (Italy)** - (FITEDJ)
Fisica e Tecnologia Societa Italiana di Fisica, Via Loderingo Degli Andalo 2, 40124 Bologna, Italy
- Fiz. & Khim. Obrab. Mater. (USSR)** - (FKOMAT)
Fizika i Khimiya Obrabotki Materialov Izdatel'stvo 'Nauka' 103717 GSP Moskva, K-62, Podmoskovie Per., 21, USSR
- Fiz. & Khim. Stekla (USSR)** - (FKSTD5)
Fizika i Khimiya Stekla Izdatel'stvo 'Nauka', Leningradskoe Otdelenie 199164 Leningrad, V-164, Mendelevskaya Linia 1, USSR [English translation in: *Sov. J. Glass Phys. & Chem. (USA)*]
- Fiz. & Tekh. Poluprovodn. (USSR)** - (FTPPA4)
Fizika i Tekhnika Poluprovodnikov Publisher: Academy of Sciences of the USSR, 'Nauka' Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Semicond. (USA)*]

- Fiz. Elem. Chastits & At. Yadra (USSR)** - (FECAAR)
Fizika Elementarnykh Chastits i Atomnogo Yadra 103031 Moskva K31, Ul. Zhanova 5, USSR [English translation in: *Sov. J. Part. & Nucl. (USA)*]
- Fiz. Goreniiya i Vzryva (USSR)** - (FGVZA7)
Fizika Goreniiya i Vzryva Publication House 'Nauka', Siberian Division, Novosibirsk, USSR [English translation in: *Combust., Explos. & Shock Waves (USA)*]
- Fiz. Met. & Metalloved. (USSR)** - (FMMTAK)
Fizika Metallov i Metallovedenie Izdatel'stvo Akademii Nauk SSSR, Sverdlovsk, USSR [English translation in: *Phys. Met. & Metallogr. (GB)*]
- Fiz. Nizk. Temp. (USSR)** - (FNTEDEK)
Fizika Nizkikh Temperatur Izdatel'stvo 'Naukova Dumka', 252601 Kiev, Repina 3, USSR [English translation in: *Sov. J. Low Temp. Phys. (USA)*]
- Fiz. Plazmy (USSR)** - (FIPLDK)
Fizika Plazmy Izdatel'stvo Nauka, 103717 Moskva, K-62 Podsozenskii 21, USSR [English translation in: *Sov. J. Plasma Phys. (USA)*]
- Fiz. Sz. (Hungary)** - (FISZA6)
Fizikai Szemle Kiadja a Lapkiado Vallalat, Budapest VII, Lenin korut 9-11, Hungary
- Fiz. Tverd. Tela (USSR)** - (FTVTAC)
Fizika Tverdogo Tela Academy of Sciences Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Solid State (USA)*]
- Fiz.-Khim. Mekh. Mater. (USSR)** - (FKMMAJ)
Fiziko-Khimicheskaya Mekhanika Materialov Izdatel'stvo 'Naukova Dumka', 252601 Kiev, Repina 3, USSR [English translation in: *Sov. Mater. Sci. (USA)*]
- Fizika (Yugoslavia)** - (FZKAAA)
Fizika Mladost Export-Import, 41000 Zagreb, Ilica 30, Yugoslavia
- Fluid Apparech. Idraul. & Pneum. (Italy)** - (FAIPB7)
Fluid Apparechiature Idrauliche e Pneumatiche 20154 Milano, via Mantegna 6, Italy
- Fluid Dyn. (USA)** - (FLDYAH)
Fluid Dynamics [Translation of: *Izv. Akad. Nauk SSSR Mekh. Zhidk. & Gaza*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Fluid Mech. - Sov. Res. (USA)** - (FMSVAM)
Fluid Mechanics - Soviet Research Scripta Publishing Co., 1511 K Street, N.W., Washington, DC 20005, USA
- Fluid Phase Equilibria (Netherlands)** - (FPEQDT)
Fluid Phase Equilibria Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- Fluid, Q. (USA)** - (FLQUA2)
Fluids Quarterly P.O. Box 2928, Stanford, CA 94305, USA
- Foerdm. & Heben (Germany)** - (FOHBAN)
Foerdm. & Heben Krausskopf Verlag fur Wirtschaft GmbH, 6500 Mainz, Lessingstrasse 12, Postfach 2760, Germany
- Folia Fac. Sci. Nat. Univ. Purkynianae Brunensis Phys. (Czechoslovakia)** - (FNPBAM)
Folia Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis Physica University J.E. Purkyně, 61137 Brno-Kotlarska 2, Czechoslovakia
- Forschungsber. Landes Nordrhein-Westfalen (Germany)** - (FLNWAR)
Forschungsberichte des Landes Nordrhein-Westfalen Westdeutscher Verlag, Gustav-Stresemann-Ring 12-16, 6200 Weisbaden 1, Germany
- Fortschr. Phys. (Germany)** - (FPYKA6)
Fortschritte der Physik Akademie-Verlag, DDR-108 Berlin, Leipzigerstrasse 3-4, Germany
- Found. Control Eng. (Poland)** - (FCENDV)
Foundations of Control Engineering Institute of Control Engineering, Technical University of Poznan, 60-965 Poznan, Poland
- Found. Phys. (USA)** - (FNDPA4)
Foundations of Physics Plenum Publishing Co., 227 West 17th Street, New York, NY 10011, USA
- Fra Fys. Verden (Norway)** - (FYVDAX)
Fra Fysikkens Verden Fysisk Institutt, Universitetet i Trondheim, Norges Lærerhogskole, 7000 Trondheim, Norway
- Freddo (Italy)** - (FREDAZ)
Il Freddo Soc. P. E. G., Via Filli Bressan 2, 20126 Milano, Italy
- Frequenz (Germany)** - (FQNZA3)
Frequenz Fachverlag Siedle und Schon GmbH, Markgrafenstrasse 11, 1000 Berlin 61, Germany
- Fudan J. (China)** - (FTHPDZ)
Fudan Journal Fudan University, Shanghai, People's Republic of China
- Fuji Electr. Rev. (Japan)** - (FUERBV)
Fuji Electric Review Fuji Electric Co. Ltd., 12-1, 1-chome, Yurakucho, Chiyoda-ku, Tokyo, Japan
- Fujikura Tech. Rev. (Japan)** - (FKDGAO)
Fujikura Technical Review Fujikura Cable Works Ltd., 5-1, 1-chome Kiba, Koto-ku, Tokyo, Japan
- Fujitsu Sci. & Tech. J. (Japan)** - (FUSTA4)
Fujitsu Scientific and Technical Journal Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki 211, Kanagawa, Japan
- Funct. Photogr. (USA)** - (FUPHDO)
Functional Photography Photographic Applications in Science and Technology Inc., 250 Fulton Avenue, Hempstead, NY 11550, USA
- Fundam. Cosmic Phys. (GB)** - (FNCPAK)
Fundamentals of Cosmic Physics Gordon and Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Funk-Fachhaendler (Germany)** - (FUFABJ)
Funk-Fachhaendler Verlag Neuer Merkur GmbH, 8 Munchen 46, Ingoldstadter Strasse 63A, Postfach 460805, Germany
- Funk-Tech. (Germany)** - (FUTEAW)
Funk-Technik Huthig & Pfau Verlag, 69 Heidelberg 1, Postfach 102869, Germany
- Funkschau (Germany)** - (FUSHA2)
Funkschau Franzis-Verlag GmbH, 8 Munchen 2, Postfach 370120, Karlstrasse 37, Germany
- Furukawa Electr. Rev. (Japan)** - (FKDJAX)
Furukawa Electric Review Furukawa Electric Co., 6-1 Marunochi, 2-chome, Chiyoda-ku, Tokyo, Japan
- Fuzzy Sets & Syst. (Netherlands)** - (FSSYD8)
Fuzzy Sets and Systems North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Fys. Tidsskr. (Denmark)** - (FYTIA4)
Fysisk Tidsskrift Subscription address: Jul. Gjellerups Boghandel, Solvgade 87, 1307 Kobenhavn, Denmark
- Galvanotechnik (Germany)** - (GVTKAY)
Galvanotechnik Eugen G. Leuze Verlag, 7968 Saulgau (Wurt.), Postfach 8, Germany
- Gaz. Mat. (Portugal)** - (GZMTAK)
Gazeta de Matematica Rume Diaro de Noticias, 134-1, Lisboa, Portugal
- GEC J. Sci. & Technol. (GB)** - (GJSTA6)
GEC Journal of Science & Technology General Electric Co. Ltd., 1 Stanhope Gate, London, W1A 1EH, England
- GEC Telecommun. (GB)** - (GECTAR)
GEC Telecommunications Formerly: *GEC-AEI Telecommun. (GB)* GEC Telecommunications Ltd., P.O. Box 53, Coventry, CV3 1HJ, England
- Geliotehnika (USSR)** - (GLOTAY)
Geliotehnika Academy of Sciences of the Uzbek SSR, Tashkent, USSR [English translation in: *Appl. Sol. Energy (USA)*]
- Gen. Relativ. & Gravitation (USA)** - (GRGVA8)
General Relativity and Gravitation Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Geochim. & Cosmochim. Acta (GB)** - (GCACAK)
Geochimica et Cosmochimica Acta Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Geoeexploration (Netherlands)** - (GEOXAV)
Geoeexploration Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Geofiz. Appar. (USSR)** - (GEAPA5)
Geofizicheskaya Apparatura Izdatel'stvo 'Nedra', Leningradskoe Otdelenie, Leningrad C-171, Ul. Farfirovskaya 12, USSR
- Geofiz. Koeslemeneyek (Hungary)** - (GEOKOA1)
Geofizikai Koslemeneyek Muszaki Konyvkiado, Budapest, Hungary
- Geofiz. Zh. (USSR)** - (GEZHD7)
Geofizicheskii Zhurnal Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Repina 3, USSR
- Geol. & Geofiz. (USSR)** - (GGASAS)
Geologiya i Geofizika Akademii Nauk SSSR, Sibirskoe Otdelenie, Prospekt Nauki 21, Novosibirsk, USSR [English translation in: *Sov. Geol. & Geophys. (USA)*]
- Geomagn. & Aeron. (USA)** - (GMARAX)
Geomagnetism and Aeronomy [Translation of: *Geomagn. & Aeron. (USSR)*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Geomagn. & Aeron. (USSR)** - (GEAEA6)
Geomagnetizm i Aeronomy Akademii Nauk SSSR, Leningradskii Prospekt 14, Moskva, USSR [English translation in: *Geomagn. & Aeron. (USA)*]
- Geomagn. Ser. Earth Phys. Branch (Canada)** - (GSGCDT)
Geomagnetic Series, Earth Physics Branch Energy, Mines and Resources Canada, 1 Observatory Crescent, Ottawa K1A 0E4, Canada
- Geophys. & Astrophys. Fluid Dyn. (GB)** - (GAFDD3)
Geophysical and Astrophysical Fluid Dynamics Gordon and Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Geophys. J. R. Astron. Soc. (GB)** - (GEOJAN)
Geophysical Journal of the Royal Astronomical Society Burlington House, London, W1V 0NL, England
- Geophys. Mag. (Japan)** - (GEOMAW)
Geophysical Magazine Japan Meteorological Agency, Library Section, Ote-machi, Chiyoda-ku, Tokyo, Japan
- Geophys. Norv. (Norway)** - (GPNOAB)
Geofysiska Norgeica (Geofysiske Publikasjoner) Universitetsforlaget, P.O. Box 307, Blindern, Oslo 3, Norway
- Geophys. Prospect. (Netherlands)** - (GPPRAR)
Geophysical Prospecting European Association of Exploration Geophysicists, P.O. Box 162, 2501 AN The Hague, Netherlands
- Geophys. Res. Lett. (USA)** - (GPRLAJ)
Geophysical Research Letters American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA
- Geophys. Surv. (Netherlands)** - (GPSVAK)
Geophysical Surveys D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Geophysics (USA)** - (GPYSA7)
Geophysics Society of Exploration Geophysicists, P.O. Box 3098, Tulsa, OK 74101, USA
- GEOS (Canada)** - (GEOSCI)
GEOS Department of Energy, Mines and Resources, Ottawa, Canada
- Geotechnics (Japan)** - (CSKGAE)
Geotechnics Geotechnical Research Office, Nippon Geophysical Prospecting Co. Ltd., 2-12, 2-chome, Nakamagome, Ohta-ku, Tokyo 143, Japan
- Geothermal Energy (USA)** - (GTEMAJ)
Geothermal Energy Geothermal World Corp., 18014 Sherman Way, Suite 169, Reseda, CA 91335, USA
- Geothermics (GB)** - (GTMCAI)
Geothermics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Gerlands Beitr. Geophys. (Germany)** - (BEGOAB)
Gerlands Beitrage zur Geophysik Akademische Verlags-Gesellschaft Geest und Portig KG, Sternwartenstrasse 8, DDR 701 Leipzig 1, Germany
- Gidromekhanika (USSR)** - (GDMKBA)
Gidromekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Gidrotekh. Stroit. (USSR)** - (GTSTA8)
Gidrotekhnicheskoe Stroitel'stvo Agent: Mezhdunarodnaya Kniga, Moskva, USSR
- Glass & Ceram. (USA)** - (GLCEAV)
Glass and Ceramics [Translation of: *Steklo & Keram. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Glass Technol. (GB)** - (GLSTAK)
Glass Technology Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, England
- Global Commun. (USA)** - (GLCODU)
Global Communications Cardiff Publishing Co., 3900 Wadsworth Boulevard, Denver, CO 80235, USA
- Gov. Data Syst. (USA)** - (GVDSBD)
Government Data Systems United Business Publications Inc., 475 Park Avenue South, New York, NY 10016, USA
- Greenwich Time Rep. (GB)** - (GTREDT)
Greenwich Time Report Royal Observatory, Hertsmonceux Castle, Hailsham, East Sussex BN27 1RP, England
- Grundig Tech. Inf. (Germany)** - (GRTIAY)
Grundig Technische Informationen Grundig Werke GmbH, 8510 Furth (Bayern), Kurgartenstrasse 37, Germany
- GTE Autom. Electr. J. (USA)** - (GAEDJD)
GTE Automatic Electric Journal Title changed to: *GTE Autom. Electr. World-Wide Commun. J. (USA)*

GTE Autom. Electr. World-Wide Commun. J. (USA) - (GAJJDG)

GTE Automatic Electric World-Wide Communications Journal Formerly:
GTE Autom. Electr. J. (USA) GTE Automatic Electric Inc., Northlake,
IL 60164, USA

Hadronic J. (USA) - (HAJODX)

Hadronic Journal Hadronic Press Inc., Nonantum, MA 02195, USA
[English translation in: 2]

Harvard Bus. Rev. (USA) - (HABRAX)

Harvard Business Review Subscription Service Department, P.O. Box
9730, Greenwich, CT 06835, USA

Hasler Rev. (Switzerland) - (HSLRA5)

Hasler Review Hasler Ltd., Belpstrasse 23, 3000 Berne 14, Switzerland

Health Commun. Inf. (Switzerland) - (HCIND5)

Health Communications and Informatics S. Karger AG, Arnold-
Bocklin-Strasse 25, CH-4011 Basel, Switzerland

Health Phys. (GB) - (HLTPAO)

Health Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3
OBW, England

Heat Transfer - Sov. Res. (USA) - (HTRSAD)

Heat Transfer - Soviet Research Scripta Publishing Corp., 1511 K Street,
N.W., Washington, DC 20005, USA

Heat Transfer-Jpn. Res. (USA) - (HTJPAU)

Heat Transfer - Japanese Research Scripta Publishing Corp., 1511 K
Street, N.W., Washington, DC 20005, USA

Heat. & Air Cond. J. (GB) - (HACJBF)

Heating and Air Conditioning Journal Formerly: *Steam & Heat. Eng.*
(GB) Troup Publications Ltd., 30 Old Burlington Street, London, W1X
2AE, England

Heat. & Vent. Eng. (GB) - (HYENBE)

Heating and Ventilating Engineer Technitrade Journals Ltd., 886 High
Road, London, N12 9SB, England

Helv. Phys. Acta (Switzerland) - (HPACAK)

Helvetica Physica Acta Schweizerische Physikalische Gesellschaft.
Publisher: Birkhauser Verlag, Elisabethenstrasse 19, CH-4000 Basel 10,
Switzerland

Her. Libr. Sci. (India) - (HLBSAB)

Herald of Library Science C1, Banaras Hindu University, Varanasi-5,
India

Hermesdorfer Tech. Mitt. (Germany) - (HTMTAN)

Hermesdorfer Technische Mitteilungen Kombinat VEB Keramische Werke
Hermesdorf, Hermesdorf/Thuringen, Germany

Hewlett-Packard J. (USA) - (HPJOAX)

Hewlett-Packard Journal 1501 Page Mill Road, Palo Alto, CA 94304,
USA

High Temp. (USA) - (HITEA4)

High Temperature [Translation of: *Temperatur. Vys. Temp. (USSR)*] Consultants
Bureau, 227 West 17th Street, New York, NY 10011, USA

High Temp. Sci. (USA) - (HITSAC)

High Temperature Science Humana Press Inc., P.O. Box 2148, Clifton,
NJ 07015, USA

High Temp.-High Pressures (GB) - (HTHPAK)

High Temperatures - High Pressures Pion Ltd., 207 Brondesbury Park,
London, NW2 5JN, England

Hiradastech. Ipari Kut. Intez. Kozel. (Hungary) - (HIKKAB)

Hiradastechikai Ipari Kutato Intezet Kozlemenyei Industrial Research
Institute for Electronics 'Hiki'. Editorial address: Gellert u 12/Vezeto,
Budapest IV, Hungary

Hiradastechnika (Hungary) - (HIRAAG)

Hiradastechnika Lapkaido Vallalat, 1073 Budapest, Lenin Krt 9-11, Hun-
gary

Hitachi Rev. (Japan) - (HITAAQ)

Hitachi Review Ohm-sha Co. Ltd., 1-3-chome, Kanda, Nishiki-cho, Chi-
yoda-ku, Tokyo 101, Japan

Hitachi Zosen Tech. Rev. (Japan) - (HZOGA2)

Hitachi Zosen Technical Review Hitachi Zosen Technical Research Insti-
tute, 1-3-22 Sakurajima, Konohana-ku, Osaka 544, Japan

HLH (Heiz. Luftung Klimattech. Haustechn.) (Germany) - (HLHZAS)

HLH (Heizung Luftung Klimattechnik Haustechnik) VDI Verlag GmbH,
4 Dusseldorf 1, Graf-Recke-Strasse 84, Postfach 1139, Germany

Holecopst (Netherlands) - (HOLEBT)

Holecopst Holec NV, Postbus 23, Hengelo, Netherlands

Hong Kong Eng. - (HKOEDU)

Hong Kong Engineer Asia Trade Journals Ltd., 7th Floor, Sincere Insur-
ance Building, 4-6 Hennessy Road, Hong Kong, Hong Kong

Hosp. Eng. (GB) - (HSEGA5)

Hospital Engineering Institute of Hospital Engineering, 20 Landsport
Terrace, Southsea, Hants. PO1 2RG, England

Hosp. Financ. Manage. (USA) - (HFIMAK)

Hospital Financial Management Room 245, 666 North Lake Shore Drive,
Chicago, IL 60611, USA

Houille Blanche (France) - (HOBLAB)

La Houille Blanche 5 Chemin de Marronniers, B.P. 264, F 38008 Grenoble
Cedex, France

Houston J. Math. (USA) - (HJMAZD)

Houston Journal of Mathematics University of Houston, Department of
Mathematics, Houston, TX 77004, USA

Hum. Factors (USA) - (HUFAA6)

Human Factors Human Factors Society Inc., P.O. Box 1369, Santa
Monica, CA 90406, USA

Hum. Syst. Manage. (Netherlands) - (HSMADU)

Human Systems Management North-Holland Publishing Co., P.O. Box
211, 1000 AE Amsterdam, Netherlands

Hung. Mach. (Hungary) - (HMADC2)

Hungarian Machinery Hungarian Chamber of Commerce, H-1073
Budapest, Lenin krt. 9/11, Hungary

Hydraul. & Pneum. (USA) - (HYDPAZ)

Hydraulics and Pneumatics Industrial Publishing Co., 614 Superior Ave-
nue West, Cleveland, OH 44113, USA

Hydraul. Pneum. Mech. Power (GB) - (HPMPDK)

Hydraulic Pneumatic Mechanical Power Trade & Technical Press Ltd.,
Crown House, Morden, Surrey SM4 5EW, England

Hyperfine Interactions (Netherlands) - (HYINDN)

Hyperfine Interactions North-Holland Publishing Co., P.O. Box 211, 1000
AE Amsterdam, Netherlands

I.A.U. Circ. (USA) - (IANUAB)

International Astronomical Union Circular IAU Central Telegram
Bureau, Smithsonian Observatory, Cambridge, MA 02138, USA

IATUL Proc. (Sweden) - (IATPAQ)

IATUL Proceedings Chalmers University of Technology Library, Gote-
borg, Sweden

IBA Tech. Rev. (GB) - (IBARBD)

IBA Technical Review Independent Broadcasting Authority, 70 Brompton
Road, London, SW3 1EY, England

IBM J. Res. & Dev. (USA) - (IBMJAE)

IBM Journal of Research and Development International Business
Machines Corporation, Armonk, New York, NY 10504, USA

IBM Nachr. (Germany) - (IBMNAQ)

IBM Nachrichten IBM Deutschland GmbH, 7000 Stuttgart 80, Postfach
800880, Germany

IBM Syst. J. (USA) - (IBMSA7)

IBM Systems Journal International Business Machines Corporation,
Armonk, New York, NY 10504, USA

IBM Tech. Disclosure Bull. (USA) - (IBMTAA)

IBM Technical Disclosure Bulletin International Business Machines Co.,
Armonk, New York, NY 10504, USA

ICA Inf. (Spain) - (IINFDP)

ICA Information International Council for Automatic Data Processing in
Government Administration, c/o Servicio Central de Informatica, Paseo de
Calvo Sotelo 16.5º Madrid 1, Spain

Icarus (USA) - (ICRSA5)

Icarus Academic Press Inc., 111 Fifth Avenue, New York, NY 10003,
USA

ICL Tech. J. (GB) - (ITJOD7)

ICL Technical Journal Published for International Computers Ltd. by
Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts.
SG1 1HQ, England

IEC Bull. (Switzerland) - (IEBUAD)

IEC Bulletin International Electrotechnical Commission, 1 rue de
Varembe, 1211 Geneva 20, Switzerland

IEE J. Comput. & Digital Tech. (GB) - (IUCDDJ)

IEE Journal on Computers and Digital Techniques Institution of Electrical
Engineers, Publishing Department, P.O. Box 8, Southgate House, Steven-
age, Herts. SG1 1HQ, England

IEE J. Electr. Power Appl. (GB) - (IEAD6)

IEE Journal on Electric Power Applications Institution of Electrical
Engineers, Publishing Department, P.O. Box 8, Southgate House, Steven-
age, Herts. SG1 1HQ, England. Merged with Proc. Inst. Electr. Eng.
(GB) to form IEE Proc. (GB)

IEE J. Electron. Circuits & Syst. (GB) - (IECSDF)

IEE Journal on Electronic Circuits and Systems Institution of Electrical
Engineers, Publishing Department, P.O. Box 8, Southgate House, Steven-
age, Herts. SG1 1HQ, England. Merged with Proc. Inst. Electr. Eng.
(GB) to form IEE Proc. (GB)

IEE J. Microwaves, Opt. & Acoust. (GB) - (IJMADC)

IEE Journal on Microwaves, Optics and Acoustics Institution of Electrical
Engineers, Publishing Department, P.O. Box 8, Southgate House, Steven-
age, Herts. SG1 1HQ, England. Merged with Proc. Inst. Electr. Eng.
(GB) to form IEE Proc. (GB)

IEE J. Solid-State & Electron Devices (GB) - (IJSDDH)

IEE Journal on Solid-State and Electron Devices Institution of Electrical
Engineers, Publishing Department, P.O. Box 8, Southgate House, Steven-
age, Herts. SG1 1HQ, England. Merged with Proc. Inst. Electr. Eng.
(GB) to form IEE Proc. (GB)

IEE Proc. A (GB) - (IPPRDI)

*IEE Proceedings A (Physical Science, Measurement and Instrumentation,
Management and Education, Reviews)* Institution of Electrical Engineers,
P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England

IEE Proc. B (GB) - (IPPADZ)

IEE Proceedings B (Electric Power Applications) Institution of Electrical
Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ,
England

IEE Proc. C (GB) - (IPPDAD)

IEE Proceedings C (Generation, Transmission and Distribution) Institu-
tion of Electrical Engineers, P.O. Box 8, Southgate House, Stevenage,
Herts. SG1 1HQ, England

IEE Proc. D (GB) - (IPDAD9)

IEE Proceedings D (Control Theory and Applications) Institution of Elec-
trical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1
1HQ, England

IEE Proc. E (GB) - (IPETD3)

IEE Proceedings E (Computers and Digital Techniques) Institution of
Electrical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1
1HQ, England

IEE Proc. F (GB) - (IPFPDU)

IEE Proceedings F (Communications, Radar and Signal Processing)
Institution of Electrical Engineers, P.O. Box 8, Southgate House, Steven-
age, Herts. SG1 1HQ, England

IEE Proc. G (GB) - (IPPSDL)

IEE Proceedings G (Electronic Circuits and Systems) Institution of Elec-
trical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1
1HQ, England

IEE Proc. H (GB) - (IPHADT)

IEE Proceedings H (Microwaves, Optics and Antennas) Institution of
Electrical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1
1HQ, England

IEE Proc. I (GB) - (IPIDD9)

IEE Proceedings I (Solid-State and Electron Devices) Institution of Elec-
trical Engineers, P.O. Box 8, Southgate House, Stevenage, Herts. SG1
1HQ, England

IEE Rev. (GB) - (IERWAV)

IEE Reviews Institution of Electrical Engineers, Savoy Place, London,
WC2R 0BL, England. Merged with Proc. Inst. Electr. Eng. (GB) to form
IEE Proc. (GB)

IEE-IERE Proc. India (GB) - (IPIB8)

I.E.E.-I.E.R.E. Proceedings - India Institution of Electrical Engineers,
Savoy Place, London, WC2R 0BL, England. Institution of Electronic and
Radio Engineers, 8-9 Bedford Square, London, WC1B 3RG

IEEE Circuits & Syst. Mag. (USA) - (ICSYDV)

IEEE Circuits and Systems Magazine Institute of Electrical and Electron-
ics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Commun. Mag. (USA) - (ICOMD9)

IEEE Communications Magazine Institute of Electrical and Electronics
Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Electron Device Lett. (USA) - (EDLEDZ)

IEEE Electron Device Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE J. Oceanic Eng. (USA) - (IJOEDV)

IEEE Journal of Oceanic Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE J. Quantum Electron. (USA) - (IEJQA7)

IEEE Journal of Quantum Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE J. Solid-State Circuits (USA) - (IJCSCB)

IEEE Journal of Solid-State Circuits Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Spectrum (USA) - (IEESAM)

IEEE Spectrum Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Acoust., Speech & Signal Process. (USA) - (IETABA)

IEEE Transactions on Acoustics, Speech and Signal Processing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Aerosp. & Electron. Syst. (USA) - (IEARAX)

IEEE Transactions on Aerospace and Electronic Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Antennas & Propag. (USA) - (IETPAK)

IEEE Transactions on Antennas and Propagation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Autom. Control (USA) - (IETAA9)

IEEE Transactions on Automatic Control Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Biomed. Eng. (USA) - (IEBEAX)

IEEE Transactions on Biomedical Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Broadcast. (USA) - (IETBAC)

IEEE Transactions on Broadcasting Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Cable Telev. (USA) - (ICTCTL)

IEEE Transactions on Cable Television Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Circuits & Syst. (USA) - (ICSYBT)

IEEE Transactions on Circuits and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Commun. (USA) - (IECMBT)

IEEE Transactions on Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Components, Hybrids & Manuf. Technol. (USA) - (ITTEDR)

IEEE Transactions on Components, Hybrids, and Manufacturing Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Comput. (USA) - (ITCQB4)

IEEE Transactions on Computers Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Consum. Electron. (USA) - (ITCEDA)

IEEE Transactions on Consumer Electronics Formerly: *IEEE Trans Broadcast & Telev. Receivers (USA)* Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Educ. (USA) - (IEEDAB)

IEEE Transactions on Education Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Electr. Insul. (USA) - (IETIAX)

IEEE Transactions on Electrical Insulation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Electromagn. Compat. (USA) - (IEMCAE)

IEEE Transactions on Electromagnetic Compatibility Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Electron Devices (USA) - (IETDAI)

IEEE Transactions on Electron Devices Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Eng. Manage. (USA) - (IEEMA4)

IEEE Transactions on Engineering Management Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Geosci. & Remote Sensing (USA) - (IGRSD2)

IEEE Transactions on Geoscience and Remote Sensing Formerly: *IEEE Trans. Geosci. Electron. (USA)* Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Geosci. Electron. (USA) - (IEGEOA)

IEEE Transactions on Geoscience Electronics Title changed to: *IEEE Trans. Geosci. & Remote Sensing (USA)*

IEEE Trans. Ind. Appl. (USA) - (ITIACR)

IEEE Transactions on Industry Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Ind. Electron. & Control Instrum. (USA) - (IICIAA)

IEEE Transactions on Industrial Electronics and Control Instrumentation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Inf. Theory (USA) - (IETTAW)

IEEE Transactions on Information Theory Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Instrum. & Meas. (USA) - (IEIMAO)

IEEE Transactions on Instrumentation and Measurement Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Magn. (USA) - (IEMGAQ)

IEEE Transactions on Magnetics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Microwave Theory & Tech. (USA) - (IETMAB)

IEEE Transactions on Microwave Theory and Techniques Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Nucl. Sci. (USA) - (IETNAE)

IEEE Transactions on Nuclear Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Pattern Anal. & Mach. Intell. (USA) - (ITPIDJ)

IEEE Transactions on Pattern Analysis and Machine Intelligence Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Plasma Sci. (USA) - (ITPSBD)

IEEE Transactions on Plasma Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Power Appar. & Syst. (USA) - (IEPSA9)

IEEE Transactions on Power Apparatus and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Prof. Commun. (USA) - (IEPCBU)

IEEE Transactions on Professional Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Reliab. (USA) - (IERQAD)

IEEE Transactions on Reliability Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Software Eng. (USA) - (IESEDJ)

IEEE Transactions on Software Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Sonics & Ultrason. (USA) - (IESUAU)

IEEE Transactions on Sonics and Ultrasonics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Syst., Man & Cybern. (USA) - (ISYMAW)

IEEE Transactions on Systems, Man and Cybernetics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IEEE Trans. Veh. Technol. (USA) - (ITVTAB)

IEEE Transactions on Vehicular Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

IES J. (Singapore) - (IEJOD4)

IES Journal Institution of Engineers, Singapore, 1306 International Plaza, Anson Road, Singapore 2, Singapore

IES Light. Rev. (Australia) - (IELRBL)

IES Lighting Review Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia

IIASA Rep. (Austria) - (IIRD8)

IIASA Reports International Institute for Applied Systems Analysis, A-2361 Laxenburg, Austria

IMC J. (USA) - (IMGCB7)

IMC Journal International Micrographic Congress, P.O. Box 22440, San Diego, CA 92122, USA

Incremental Motion Control Syst. Devices Newsl. (USA) - (IMCNBK)

Incremental Motion Control Systems and Devices Newsletter University of Illinois, Urbana, IL 61801, USA

Ind. & Eng. Chem., Fundam. (USA) - (IECFAT7)

Industrial and Engineering Chemistry, Fundamentals American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA

Ind. & Eng. Chem., Process Des. & Dev. (USA) - (IEPDW)

Industrial and Engineering Chemistry, Process Design and Development American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA

Ind. & Eng. Chem., Prod. Res. & Dev. (USA) - (IEPRA6)

Industrial and Engineering Chemistry, Product Research and Development American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA

Ind. Eng. (USA) - (IDLEB9)

Industrial Engineering American Institute of Industrial Engineers, 25 Technology Park/Atlanta, Norcross, GA 30092, USA

Ind. Lab. (USA) - (INDLAP)

Industrial Laboratory [Translation of: *Zavod, Lab. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA

Ind. Math. (USA) - (IMTHA1)

Industrial Mathematics Industrial Mathematics Society, P.O. Box 159, Roseville, MI 48066, USA

Ind. Photogr. (USA) - (INPHA5)

Industrial Photography United Business Publications Inc., 475 Park Avenue South, New York, NY 10016, USA

Ind. Res./Dev. (USA) - (IRDDEZ)

Industrial Research/Development Technical Publishing Co., 222 S. Riverside Plaza, Chicago, IL 60606, USA

Ind. Robot (GB) - (IDRBAT)

Industrial Robot IFS (Publications) Ltd., 35-39 High Street, Kempston, Bedford MK42 7BT, England

Ind.-Anz. (Germany) - (IANZAO)

Industrie-Anzeiger Verlag W. Giradet, 43 Essen 1, Giradetstrasse 2-38, Postfach 9, Germany

Indexer (GB) - (IDXRA5)

Indexer Society of Indexers and American Society of Indexers, c/o Barclays Bank Ltd., 1 Pall Mall East, London, SW1Y 5AX, England

Indian & East. Eng. - (IEAEAS)

Indian and Eastern Engineer 'Piramal Mansion', 235 Dr. D. Naoroji Road, Bombay 400001, India

Indian J. Chem. A - (IJOCAP)

Indian Journal of Chemistry Section A (Inorganic, Physical, Theoretical and Analytical) Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India

Indian J. Chem. B - (IJOCAP)

Indian Journal of Chemistry Section B (Organic Including Medicinal) Sales & Distribution Officer, Council of Scientific and Industrial Research, Hillside Road, New Delhi 110012, India

Indian J. Cryog. - (IJCRDD)

Indian Journal of Cryogenics Indian Cryogenics Council, Jadavpur University, Calcutta 700 032, India

Indian J. Mar. Sci. - (IJMNBF)

Indian Journal of Marine Sciences Council of Scientific & Industrial Research, Editorial address: Publications & Information Directorate, Hillside Road, New Delhi-12, India

Indian J. Meteorol. Hydrol. & Geophys. - (IJMGDU)

Indian Journal of Meteorology Hydrology & Geophysics Title changed to: *Mausam (India)*

Indian J. Phys. Part A - (IJPYAS)

Indian Journal of Physics Part A Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallik Road, Calcutta 700 032, India

Indian J. Phys. Part B - (IJPYAS)

Indian Journal of Physics Part B Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallik Road, Calcutta 700032, India

Indian J. Power & River Val. Dev. - (IJPRA7)

Indian Journal of Power and River Valley Development 6-2 Madan Street, Calcutta 700072, India

- Indian J. Pure & Appl. Math.** - (IJMHAU)
Indian Journal of Pure and Applied Mathematics Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002, India
- Indian J. Pure & Appl. Phys.** - (IJOPAU)
Indian Journal of Pure and Applied Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India
- Indian J. Radio & Space Phys.** - (IJRSAP)
Indian Journal of Radio & Space Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India
- Indian J. Technol.** - (IJOTA8)
Indian Journal of Technology Sales & Distribution Officer, Publications & Information Directorate, Hillside Road, New Delhi 110012, India
- Indian J. Theor. Phys.** - (IJTPAL)
Indian Journal of Theoretical Physics Institute of Theoretical Physics, Bognan Kutir, 4-1 Mohan Bagan Lane, Calcutta 700004, India
- Inf. & Control (USA)** - (IFCNA4)
Information and Control Academy Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Inf. & Gestion (France)** - (IFQGAJ)
Informatique et Gestion 41 rue de la Grange-aux-Belles, 75010 Paris, France
- Inf. & Manage. (Netherlands)** - (IMANDC)
Information and Management North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Inf. Disp. (USA)** - (INFADAB)
Information Display Society for Information Display, 654 North Sepulveda Boulevard, Los Angeles, CA 90049, USA
- Inf. Elektron. (Hungary)** - (INEFBF)
Informacio Elektronika Statistika Kiado Vallalat, Budapest III, Kaszas u. 10-12, Hungary
- Inf. Privacy (GB)** - (INPRD4)
Information Privacy IPC Science & Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Inf. Process. & Manage. (GB)** - (IPMADK)
Information Processing & Management Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Inf. Process. Lett. (Netherlands)** - (IFPLAT)
Information Processing Letters North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Inf. Process. Soc. Jpn. (Joho Shori) (Japan)** - (JOSHAA4)
Information Processing Society of Japan (Joho Shori) Kikai Shino Building, no. 3-5-8 Shiba-Koen, Minato-ku, Tokyo, Japan
- Inf. Sciences (USA)** - (ISIJBC)
Information Sciences Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Inf. Syst. (GB)** - (INSYD6)
Information Systems Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Informatics (GB)** - (IFMTD7)
Informatics Computing Publications Ltd., 53-55 Frith Street, London W1E 6QZ, England
- INFOR (Canada)** - (INFRCL)
INFOR, Canadian Journal of Operational Research and Information Processing University of Toronto Press, 5201 Dufferin Street, Downsview, Ontario M3H 5T8, Canada
- Informatie (Netherlands)** - (INFTRC)
Informatie Overboslan 49, Bilthoven, Netherlands
- Informatik (Germany)** - (IIDWAN)
Informatik Interwerbung, Gesellschaft für Werbung und Auslandsmessen, DDR 104 Berlin, Tucholskystrasse 40, Germany
- Informatologia Yugoslavica** - (INYUAL)
Informatologia Yugoslavica Univerzitet u Zagreb, Referalni Centar, Trg. Marsala Tita 3, P.O. Box 327, 41001 Zagreb, Yugoslavia
- Informatyka (Poland)** - (IFMKBC)
Informatyka Wydawnictwa Czasopism Technicznych Not. ul. Swietokrzyska 14a, 00-950 Warszawa, Skrytka Poczтовая 1004, Poland
- Infrared Phys. (GB)** - (INFPAD)
Infrared Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Ing. & Tech. Prod. & Gestion (France)** - (ITPGDD)
Ingenieurs & Techniciens Production & Gestion 29 rue de Bassano, 75008 Paris, France
- Ing. Electr. & Mec. (Venezuela)** - (INEMBY)
Ingenieria Electrica y Mecanica Organo de la Asociacion Venezolana de Ingenieros Electricos y Mecanicos, Apartado 6255, Caracas, Venezuela
- Ing. Mec. & Electr. (Mexico)** - (IMYEAY)
Ingenieria Mecanica y Electrica Asociacion Mexicana de Ingenieros Mecanicos y Electricistas, Culiacan 115, Mexico 11, D.F. Mexico
- Ing.-Arch. (Germany)** - (INARAS)
Ingenieur-Archiv Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Ingegneri (Italy)** - (IGMIAC)
L'Ingegnere Associazione Nazionale Ingegneri Architetti Italiani, Piazza Sallusto 24, 00187 Roma, Italy
- Ingenieur (Canada)** - (INMOAB)
L'Ingenieur a/s Ecole Polytechnique, Case postale 6079, Succursale 'A' Montreal, Quebec H3C 3A7, Canada
- Ingenieur (Netherlands)** - (INGRAO)
De Ingenieur Koninklijk Instituut van Ingenieurs. Editorial address: 23 Prinsessegracht, Den Haag, Netherlands
- Inorg. & Nucl. Chem. Lett. (GB)** - (INUCAF)
Inorganic and Nuclear Chemistry Letters Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Inorg. Mater. (USA)** - (INOMAF)
Inorganic Materials [Translation of: Izv. Akad. Nauk SSSR Neorg. Mater.] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- INSPEL (Germany)** - (INPLBI)
INSPEL International Journal of Special Libraries International Federation of Library Associations, Special Libraries Section, c/o Dr. Paul Kaegbein, Universitätsbibliothek der Technischen Universität Berlin, 1 Berlin 12, Germany
- Inst. Eng. Aust. Civ. Eng. Trans. (Australia)** - (CVETBB)
Institution of Engineers, Australia, Civil Engineering Transactions Title changed to: Trans. Inst. Eng. Aust. Civ. Eng. (Australia)
- Inst. Eng. Aust. Electr. Eng. Trans. (Australia)** - (ELETBV)
Institution of Engineers, Australia, Electrical Engineering Transactions Title changed to: Trans. Inst. Eng. Aust. Electr. Eng. (Australia)
- Inst. Eng. Aust. Mech. Eng. Trans. (Australia)** - (METSDB)
Institution of Engineers, Australia, Mechanical Engineering Transactions Title changed to: Trans. Inst. Eng. Aust. Mech. Eng. (Australia)
- Inst. R. Meteorol. Belg. Bull. Trimest. Obs. Ozone (Belgium)** - (IRODAG)
Institut Royal Meteorologique de Belgique Bulletin Trimestriel Observations d'Ozone Avenue Circulaire 3, 1180 Bruxelles, Belgium
- Instrum. & Control Syst. (USA)** - (INCSAT7)
Instruments and Control Systems Chilton Co., Chilton Way, Radnor, PA 19089, USA
- Instrum. & Exp. Tech. (USA)** - (INETAK)
Instruments and Experimental Techniques [Translation of: Prib. & Tekh. Eksp. (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Instrum. India** - (INSIBO)
Instruments India IMDA, A-32, Navyug Niwas, 167 Dr. D. Bhadkamkar Road, Bombay 400007, India
- Instrumentation (USA)** - (INSRAG)
Instrumentation Honeywell Inc., Fort Washington, Philadelphia, PA 19034, USA
- Insul./Circuits (USA)** - (ISCUBF)
Insulation/Circuits Formerly: Insulation (USA) Lake Publishing Corp., Box 159, 700 Peterson Road, Libertyville, IL 60048, USA
- Int. At. Energy Agency Bull. (Austria)** - (IAEBAB)
International Atomic Energy Agency Bulletin Karntnering 11, P.O. Box 590, A-1011 Wien, Austria
- Int. Broadcast Eng. (GB)** - (IBREBP)
International Broadcast Engineer Whittan Press Ltd., 50 High Street, Eton, Berks, England
- Int. Broadcast Syst. & Oper. (GB)** - (IBSODS)
International Broadcasting Systems & Operation Formerly: Broadcast Syst. & Oper. (GB) BSO Publications Ltd., 13 Great James Street, London WC1N 3DP, England
- Int. Bus. Equip. (Belgium)** - (IBSEBU)
International Business Equipment Office Publications Inc., Rue Veydt 65, 1050 Brussels, Belgium
- Int. Classif. (Germany)** - (INCLDN)
International Classification Verlag Dokumentation Saur KG, Postfachstrasse 2, P.O. Box 711009, D-8000 München 71, Germany
- Int. J. Appl. Radiat. & Isot. (GB)** - (IJARAY)
International Journal of Applied Radiation and Isotopes Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Bio-Med. Comput. (Netherlands)** - (IJBCTB)
International Journal of Bio-Medical Computing Elsevier-North Holland Scientific Publishers, P.O. Box 211, 1000 AE Amsterdam, England
- Int. J. Circuit Theory & Appl. (GB)** - (ICTACV)
International Journal of Circuit Theory and Applications John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Int. J. Comput. & Inf. Sci. (USA)** - (IJCIAS)
International Journal of Computer & Information Sciences Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Int. J. Comput. Math. (GB)** - (IJCMAT)
International Journal of Computer Mathematics Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DF, England
- Int. J. Control (GB)** - (IJCOAZ)
International Journal of Control Taylor and Francis Ltd., 4 John Street, London WC1N 2ET, England
- Int. J. Electr. Eng. Educ. (GB)** - (IJEEAF)
International Journal of Electrical Engineering Education Manchester University Press, Oxford Road, Manchester M13 9PL, England
- Int. J. Electr. Power & Energy Syst. (GB)**
International Journal of Electrical Power & Energy Systems IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Int. J. Electron. (GB)** - (IJELA2)
International Journal of Electronics Taylor and Francis Ltd., 4 John Street, London WC1N 2ET, England
- Int. J. Energy Res. (GB)** - (IJERDN)
International Journal of Energy Research John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Int. J. Eng. Sci. (GB)** - (IJESAN)
International Journal of Engineering Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Fatigue (GB)** - (IJFADB)
International Journal of Fatigue IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey, GU2 5BH, England
- Int. J. Fract. (Netherlands)** - (IJFRAP)
International Journal of Fracture Sijthoff & Noordhoff International Publishing, P.O. Box 4 Alphen Aan den Rijn, Netherlands
- Int. J. Fusion Energy (USA)** - (IJFEDN)
International Journal of Fusion Energy Fusion Energy Foundation, 304 West 58th Street, New York, NY 10019, USA
- Int. J. Game Theory (Austria)** - (IJGTA2)
International Journal of Game Theory Physica Verlag Rudolf Liebing KG, A-1010 Wien, Seilerstaette 18, Austria
- Int. J. Gen. Syst. (GB)** - (IJGSD2)
International Journal of General Systems Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Int. J. Heat & Fluid Flow (GB)** - (IJHFD2)
International Journal of Heat and Fluid Flow Mechanical Engineering Publications Ltd., P.O. Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, England
- Int. J. Heat & Mass Transfer (GB)** - (IJHMAK)
International Journal of Heat and Mass Transfer Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Hydrogen Energy (GB)** - (IJHEDX)
International Journal of Hydrogen Energy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Int. J. Infrared & Millim. Waves (USA)** - (IJIWDO)
International Journal of Infrared and Millimeter Waves Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Int. J. Man-Mach. Stud. (GB)** - (IJMMBC)
International Journal of Man-Machine Studies Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, England
- Int. J. Mass Spectrom. & Ion Phys. (Netherlands)** - (IJMIBY)
International Journal of Mass Spectrometry and Ion Physics Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands

- Int. J. Math. Educ. Sci. & Technol. (GB)** - (IJMEBM)
International Journal of Mathematical Education in Science and Technology Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Mech. Sci. (GB)** - (IMSCAW)
International Journal of Mechanical Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Miner. Process. (Netherlands)** - (IJMPBL)
International Journal of Mineral Processing Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Int. J. Multiphase Flow (GB)** - (IJMFBP)
International Journal of Multiphase Flow Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Non-Linear Mech. (GB)** - (IJNMAG)
International Journal of Non-Linear Mechanics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Nucl. Med. & Biol. (GB)** - (IJNMCI)
International Journal of Nuclear Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Numer. & Anal. Methods Geomech. (GB)** - (IJNGDZ)
International Journal for Numerical and Analytical Methods in Geomechanics John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Int. J. Numer. Methods Eng. (GB)** - (IJNMBH)
International Journal for Numerical Methods in Engineering John Wiley and Sons Ltd., Baffins Lane, Chichester, Sussex, PO19 1UD, England
- Int. J. Policy Anal. & Inf. Syst. (USA)** - (IPASDE)
International Journal of Policy Analysis and Information Systems Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Int. J. Polym. Mater. (GB)** - (IJPMCS)
International Journal of Polymeric Materials Gordon and Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Int. J. Prod. Res. (GB)** - (IJPRB8)
International Journal of Production Research Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Quantum Chem. (USA)** - (IJQCB2)
International Journal of Quantum Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- Int. J. Radiat. Biol. (GB)** - (IJRBA3)
International Journal of Radiation Biology Taylor and Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Radiat. Oncology Biol. Phys. (GB)** - (IOBPD3)
International Journal of Radiation Oncology Biology Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Int. J. Rock Mech. & Min. Sci. & Geomech. Abstr. (GB)** - (IJRMA2)
International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Solids & Struct. (GB)** - (IJSOAD)
International Journal of Solids and Structures Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Syst. Sci. (GB)** - (IJSYA9)
International Journal of Systems Science Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Theor. Phys. (USA)** - (IJTPBM)
International Journal of Theoretical Physics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, England
- Int. J. Thermophys. (USA)** - (IJTHDY)
International Journal of Thermophysics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Int. Met. Rev. (GB)** - (IMRVBH)
International Metals Reviews Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Int. Power Generation (GB)** - (IPGED2)
International Power Generation Fuel and Metallurgical Journals Ltd., 2 Queensway, Redhill RH1 1QS, England
- Int. Water Power & Dam Constr. (GB)** - (IWPCDM)
International Water Power & Dam Construction IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London SE1 9LU, England
- IntTech (USA)** - (INTCDD)
IntTech (Instrumentation Technology) Instrument Society of America, 400 Stanwich Street, Pittsburgh, PA 15222, USA
- Inter Connexion (France)** - (INCCBN)
Inter Connexion Groupement Syndical des Industries de Matériaux d'Équipement Électrique, 11 Rue Hamelin, 75783 Paris 6, France
- Interviva (Engl. Ed.) (Switzerland)** - (INTRAL)
Interviva (English Edition) Interviva S.A., 86 Avenue Louis-Casai, P.O. Box 162, 1216 Cointrin, Geneva, Switzerland
- Interdisciplinary Sci. Rev. (GB)** - (ISCRD8)
Interdisciplinary Science Reviews Heyden & Son Ltd., Spectrum House, Hillview Gardens, London NW4 2JQ, England
- Interface (Netherlands)** - (IFCEBC)
Interface Swets & Zeitlinger N.V., 347B Heereweg, Lisse, Netherlands
- Interface Age (USA)** - (INFAD5)
Interface Age McPheters, Wolfe & Jones, 16704 Marquardt Avenue, Cerritos, CA 90701, USA
- Interfaces (USA)** - (INFAC4)
Interfaces Institute of Management Sciences, 146 Westminster Street, Providence, RI 02903, USA
- Interlending Rev. (GB)** - (IREVDN)
Interlending Review British Library Lending Division, Boston Spa, Wetherby, West Yorks. LS23 7BQ, England
- Inzh.-Fiz. Zh. (USSR)** - (INFZA9)
Inzhenerno-Fizicheski Zhurnal Izdatel'stvo Akademii Nauk BSSR, Editorial address: Polesnaya 25, Minsk 13, USSR [English translation in: *J. Eng. Phys. (USA)*]
- Ion Exch. & Membranes (GB)** - (IEXMBW)
Ion Exchange and Membranes Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Iran. J. Sci. & Technol. (GB)** - (IJSTBT)
Iranian Journal of Science and Technology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Irish Astron. J.** - (IRAJAW)
Irish Astronomical Journal Armagh Observatory, Northern Ireland
- Iron & Steel Eng. (USA)** - (IRSEAS)
Iron and Steel Engineer Association of Iron & Steel Engineers, Suite 2350, Three Gateway Centre, Pittsburgh, PA 15222, USA
- Iron & Steel Int. (GB)** - (ISINBO)
Iron and Steel International IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- ISA Trans. (USA)** - (ISATAZ)
ISA Transactions Instrument Society of America, P.O. Box 12277, 67 Alexander Drive, Research Triangle Park, NC 27709, USA
- Ishikawajima-Harima Eng. Rev. (Japan)** - (ISHGAV)
Ishikawajima-Harima Engineering Review 2-16 Toyosu 3-chome, Kotuko, Tokyo 135, Japan
- ISI Bull. (India)** - (ISTBA8)
ISI Bulletin Indian Standards Institution, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, India
- Islamabad J. Sci. (Pakistan)** - (IJSUDE)
Islamabad Journal of Sciences University of Islamabad, Islamabad, Pakistan
- Isr. J. Chem. (Israel)** - (ISJCAT)
Israel Journal of Chemistry Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel
- Isr. J. Technol. (Israel)** - (ISJTAC)
Israel Journal of Technology Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel
- Itoji Nauk. & Tekh. Ser. Issled. Kosm. Prostranstva (USSR)** - (IIKPA3)
Itoji Nauki i Tekhniki Seriya Issledovanie Kosmicheskogo Prostranstva Akademiya Nauk SSSR, Institut Nauchnoi i Tekhnicheskoi Informatsii, Moskva, A-219, Baltiyskaya Ul. 14, USSR
- IUCC Bull. (GB)** - (IUBUDQ)
IUCC Bulletin Inter-University Committee on Computing, c/o Computer Laboratory, University of Cambridge, Corn Exchange Street, Cambridge CB2 3QG, England
- Izmer. Tekh. (USSR)** - (IZTEAW)
Izmeritel'naya Tekhnika Academy of Sciences USSR Leninskii Prospekt, Moskva, USSR [English translation in: *Meas. Tech. (USA)*]
- Izotopetchnika (Hungary)** - (IZTTA9)
Izotopetchnika Magyar Tudományos Akademia Izotop Intezete, Pf. 77, Budapest 1525, Hungary
- Izv. Acad. Sci. USSR Atmos. & Oceanic Phys. (USA)** - (IAOPB2)
Izvestiya, Academy of Sciences USSR. Atmospheric and Oceanic Physics [Translation of: *Izv. Akad. Nauk SSSR Fiz. Atmos. & Okeana*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Izv. Acad. Sci. USSR Phys. Solid Earth (USA)** - (IPSEBQ)
Izvestiya Academy of Sciences USSR. Physics of the Solid Earth [Translation of: *Izv. Akad. Nauk SSSR Fiz. Zemli*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Izv. Akad. Nauk Arm. SSR Fiz. (USSR)** - (IAFAF3)
Izvestiya Akademii Nauk Armyanskoi SSR Fizika Editorial address: Erevan-GCP, Berekamutyan 24 B, USSR
- Izv. Akad. Nauk Arm. SSR, Ser. Tekh. Nauk (USSR)** - (IATNAK)
Izvestiya Akademii Nauk Armyanskoi SSR, Seriya Tekhnicheskaya Nauk Izdatel'stva AN Armyanskoi SSR, Erevan, Berekamutyan 24, USSR
- Izv. Akad. Nauk Az. SSR Ser. Fiz.-Tekh. & Mat. Nauk (USSR)** - (IAFMAF)
Izvestiya Akademii Nauk Azerbaidzhanskoi SSR Seriya Fiziko Tekhnicheskikh i Matematicheskikh Nauk Izdatel'stvo ELM, Baku, USSR
- Izv. Akad. Nauk SSSR Energ. & Transp.** - (IAETAV)
Izvestiya Akademii Nauk SSSR Energetika i Transport Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Power Eng. (Acad. Sci. USSR) (USA)*]
- Izv. Akad. Nauk SSSR Fiz. Atmos. & Okeana** - (IFAQAV)
Izvestiya Akademii Nauk SSSR, Fizika Atmosfery i Okeana Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Izv. Acad. Sci. USSR Atmos. & Oceanic Phys. (USA)*]
- Izv. Akad. Nauk SSSR Fiz. Zemli** - (IAFZAK)
Izvestiya Akademii Nauk SSSR, Fizika Zemli Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Izv. Acad. Sci. USSR. Phys. Solid Earth (USA)*]
- Izv. Akad. Nauk SSSR Mekh. Tverd. Tela** - (IZMTB9)
Izvestiya Akademii Nauk SSSR Mekhanika Tverdogo Tela Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Mech. Solids (USA)*]
- Izv. Akad. Nauk SSSR Mekh. Zhidk. & Gaza** - (IMZGAB)
Izvestiya Akademii Nauk SSSR Mekhanika Zhidkosti i Gaza Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Fluid Dyn. (USA)*]
- Izv. Akad. Nauk SSSR Neorg. Mater.** - (IVNMAW)
Izvestiya Akademii Nauk SSSR Neorganicheskie Materialy Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Inorg. Mater. (USA)*]
- Izv. Akad. Nauk SSSR Ser. Fiz.** - (IANFAY)
Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Bull. Acad. Sci. USSR, Phys. Ser. (USA)*]
- Izv. Akad. Nauk USSR Ser. Tekh. Nauk** - (IUZTA4)
Izvestiya Akademii Nauk UzSSR. Seriya Tekhnicheskikh Nauk Tashkent, USSR
- Izv. Akad. Nauk. SSSR Met.** - (IZNMAQ)
Izvestiya Akademii Nauk SSSR, Metall Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Russ. Metall. (GB)*]
- Izv. Gl. Astron. Obs. Pulkovo (USSR)** - (IGOPA9)
Izvestiya Glavnoi Astronomicheskoi Observatorii v Pulkovo Leningradskoe Otdelenie Izdatel'stva 'Nauka', B-164 Mendelevskaya Lin., d.1, Leningrad, USSR
- Izv. Khim. Bulg. Akad. Nauk. (Bulgaria)** - (IZKHDX)
Izvestiya po Khimiiy Bulgarskaya Akademiya na Naukite Bulgarian Academy of Sciences, 1 7th November Street, Sofia C, Bulgaria
- Izv. Krym. Astrofiz. Obs. (USSR)** - (IKAOAW)
Izvestiya Krymskoi Astrofizicheskoi Observatorii Izdatel'stvo 'Nauka', 103717 Moskva, Podsozenskii 21, USSR [English translation in: *Bull. Crimean Astrophys. Obs. (USA)*]
- Izv. Vmei 'Lenin' (Bulgaria)** - (IVMEA3)
Izvestiya na Vmei 'Lenin' D'rshavno Izdatelstvo 'Tekhnika', Sofiya, Bulgaria
- Izv. VUZ Aviat. Tekh. (USSR)** - (IVUAAV)
Izvestiya VUZ Aviatsonnaya Tekhnika G. Kacanya, K. Marksa 10, Kasaskii Aviatsonnyy Institut, USSR [English translation in: *Sov. Aeronaut. (USA)*]

- Izv. VUZ Elektromekh. (USSR) - (IVUEA9)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Elektromekhanika 346400
Novocherkassk, ul. Prosvetshcheniya 132, Moskva, USSR
- Izv. VUZ Energ. (USSR) - (IVZEAY)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Energetika Belorusskii Politekh-
nicheskii Institut, Minsk, Leninskii Prospekt 65, USSR
- Izv. VUZ Fiz. (USSR) - (IVUFAC)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Fizika Higher Education Insti-
tutes, Tomsk, USSR [English translation in: Sov. Phys. J. (USA)]
- Izv. VUZ Gornyi Zh. (USSR) - (IVUOAS)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Gornyi Zhurnal Ministerstvo
Vysshego i Srednego Spetsial'nogo Obrazovaniya, Moskva. Editorial
address: Sverdlovsk, Universitetskaya Pl., 9, USSR
- Izv. VUZ Mashinost. (USSR) - (IVUSAH)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Mashinostroenie Moskva
107005, 2nd Baumanskaya 5, USSR
- Izv. VUZ Mat. (USSR) - (IVUMBY)**
Izvestiya VUZ Matematika Izdatel'stvo Gosudarstvennogo Universiteta,
420008 G. Kazan, Ul. V I Lenina 18, USSR [English translation in: Sov.
Math. (USA)]
- Izv. VUZ Pishch. Tekhnol. (USSR) - (IVUPA8)**
Izvestiya Vysshikh Uchebnykh Zavedenii Pishcheyaya Tekhnologiya Kras-
nodar Polytechnical Institute, 350 006 G. Krasnodar, Ul. Krasnaya 135,
USSR
- Izv. VUZ Pribostr. (USSR) - (IVUBAY)**
Izvestiya VUZ Pribostroenie Editorial address: 190 000 Leningrad, Per.
Gritsova 14, USSR
- Izv. VUZ Radioelektron. (USSR) - (IVUZF5)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Radioelektronika Kievskii
Ordena Lenina Politehnicheskii Institut, 252056 Kiev 56, Brest-Litovskii
Prospekt 39, USSR [English translation in: Radioelectron. & Commun.
Syst. (USA)]
- Izv. VUZ Radiofiz. (USSR) - (IVYRAY)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Radiofizika Gor'kovskii
Universitet G. Gor'kiy, ul. Lyadova 25, USSR [English translation in:
Radiophys. & Quantum Electron. (USA)]
- Izv. VUZ Tekhnol. Legkol Prom.-st. (USSR) - (IVTTAF)**
Izvestiya Vysshikh Uchebnykh Zavedenii, Tekhnologiya Legkol Promysh-
lennosti Ministerstvo Vysshego i Srednego Spetsial'nogo Obrazovaniya,
Moskva. Editorial address: Kiev, Nemirivicha-Danchenko 2, USSR
- J. & Proc. R. Soc. New South Wales (Australia) - (JPRSAS)**
Journal and Proceedings of the Royal Society of New South Wales
Science Centre, 35 Clarence Street, Sydney, NSW 2000, Australia
- J. A (Belgium) - (JRNAAD)**
Journal A Koninklijke Vlaamse Ingenieurs-Vereniging, Jan van Rijswijk-
laan 58, B-2000 Antwerp, Belgium
- J. Acoust. Soc. Am. (USA) - (JASMAN)**
Journal of the Acoustical Society of America Published for the Acoustical
Society of America by the American Institute of Physics, 335 East 45th
Street, New York, NY 10017, USA
- J. Acoust. Soc. Jpn. (E) (Japan) - (JASED2)**
Journal of the Acoustical Society of Japan (E) Ikeda-Building, 2-7-7,
Yoyogi, Shibuya-ku, Tokyo 151, Japan
- J. Acoust. Soc. Jpn. (Japan) - (NIOGAH)**
Journal of the Acoustical Society of Japan Ikeda Building 2-7-7, Yoyogi,
Shibuya-ku, Tokyo, Japan
- J. Adhes. (GB) - (JADNAJ)**
Journal of Adhesion Gordon & Breach Science Publishers Ltd., 42 Wil-
liam IV Street, London WC2N 4DE, England
- J. Aerosol Sci. (GB) - (JALSB7)**
Journal of Aerosol Science Pergamon Press Ltd., Headington Hill Hall,
Oxford, OX3 0BW, England
- J. Aircr. (USA) - (JAIRAM)**
Journal of Aircraft American Institute of Aeronautics and Astronautics,
1290 Avenue of the Americas, New York, NY 10019, USA
- J. Am. Ceram. Soc. (USA) - (JACTAW)**
Journal of the American Ceramic Society 65 Ceramic Drive, Columbus,
OH 43214, USA
- J. Am. Chem. Soc. (USA) - (JACSAT)**
Journal of the American Chemical Society 1155 Sixteenth Street N.W.,
Washington, DC 20036, USA
- J. Am. Soc. Inf. Sci. (USA) - (AISJB6)**
Journal of the American Society for Information Sciences American
Society for Information Science, 1155 16th Street, N.W., Suite 210,
Washington, DC 20036, USA
- J. Appl. Crystallogr. (Denmark) - (JACGAR)**
Journal of Applied Crystallography Munksgaard International Booksellers
and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark
- J. Appl. Electrochem. (GB) - (JAELEB)**
Journal of Applied Electrochemistry Chapman and Hall, 11 New Fetter
Lane, London, EC4P 4EE, England
- J. Appl. Mech. & Tech. Phys. (USA) - (JMPYAQ)**
Journal of Applied Mechanics and Technical Physics [Translation of: Zh.
Prikl. Mekh. & Tekh. Fiz. (USSR)] Consultants Bureau, 227 West 17th
Street, New York, NY 10011, USA
- J. Appl. Meteorol. (USA) - (JAMOAX)**
Journal of Applied Meteorology American Meteorological Society, 45
Beacon Street, Boston, MA 02108, USA
- J. Appl. Photogr. Eng. (USA) - (JAPEDL)**
Journal of Applied Photographic Engineering Society of Photographic
Scientists and Engineers, Suite 204, 1330 Massachusetts Avenue, N.W.,
Washington, DC 20005, USA
- J. Appl. Phys. (USA) - (JAPIAU)**
Journal of Applied Physics American Institute of Physics, 335 East 45th
Street, New York, NY 10017, USA
- J. Appl. Physiol. (USA) - (JAPYAA)**
Journal of Applied Physiology American Physiological Society, 9650
Rockville Pike, Bethesda, MD 20014, USA
- J. Appl. Probab. (GB) - (JPRBAM)**
Journal of Applied Probability University of Sheffield, Department of
Probability and Statistics, Sheffield, S3 7RH, England
- J. Appl. Spectrosc. (USA) - (JASYAP)**
Journal of Applied Spectroscopy [Translation of: Zh. Prikl. Spektrosk.
(USSR)] Consultants Bureau, 227 West 17th Street, New York, NY
10011, USA
- J. Appl. Syst. Anal. (GB) - (JASADO)**
Journal of Applied Systems Analysis University of Lancaster, Department
of Systems, Bailrigg, Lancaster LA1 4YR, England
- J. Approximation Theory (USA) - (JAXTAZ)**
Journal of Approximation Theory Academic Press Inc., 111 Fifth Ave-
nue, New York, NY 10003, USA
- J. Assoc. Comput. Mach. (USA) - (JACOA)**
Journal of the Association for Computing Machinery Association for
Computing Machinery, 1133 Avenue of the Americas, New York, NY
10036, USA
- J. Astronaut. Sci. (USA) - (JALSA6)**
Journal of the Astronautical Sciences American Astronautical Society,
6060 Duke Street, Alexandria, VA 22304, USA
- J. At. Energy Soc. Jpn. (Japan) - (NGEGAL)**
Journal of the Atomic Energy Society of Japan Atomic Energy Society of
Japan, c/o Japan Atomic Energy Research Institute, 1-13, Shimbash 1-
chome, Minato-ku, Tokyo, Japan
- J. Atmos. & Terr. Phys. (GB) - (JATPA3)**
Journal of Atmospheric and Terrestrial Physics Pergamon Press Ltd.,
Headington Hill Hall, Oxford, OX3 0BW, England
- J. Atmos. Sci. (USA) - (JAHSK)**
Journal of the Atmospheric Sciences American Meteorological Society, 45
Beacon Street, Boston, MA 02108, USA
- J. Audio Eng. Soc. (USA) - (ADIOA3)**
Journal of the Audio Engineering Society Lincoln Building, Room 929 60
East 42nd Street, New York, NY 10017, USA
- J. Aust. Ceram. Soc. (Australia) - (JAUCA3)**
Journal of the Australian Ceramic Society c/o Department of Ceramic
Engineering, University of New South Wales, P.O. Box 1, Kensington,
N.S.W. 2033, Australia
- J. Aust. Math. Soc. Ser. A (Australia) - (JAMADS)**
Journal of the Australian Mathematical Society Series A (Pure Mathem-
atics) Department of Mathematics, University of Queensland, St. Lucia,
QLD 4067, Australia
- J. Aust. Math. Soc. Ser. B (Australia) - (JAMMDU)**
Journal of the Australian Mathematical Society Series B (Applied
Mathematics) Department of Mathematics, University of Queensland, St.
Lucia, QLD 4067, Australia
- J. Autom. Chem. (GB) - (JAUCD6)**
Journal of Automatic Chemistry United Trade Press Ltd., UTP House,
33-35 Bowling Green Lane, London EC1R 0DA, England
- J. Belge Radiol. - (JBRAAN)**
Journal Belge de Radiologie Societe Royale Belge de Radiologie, Avenue
des Eglantines 10, 1150 Brussels, Belgium
- J. Biochem. & Biophys. Methods (Netherlands) - (JBBMDG)**
Journal of Biochemical and Biophysical Methods Elsevier/North-Holland
Biomedical Press, P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Bioenerg. & Biomembranes (USA) - (JBBID4)**
Journal of Bioenergetics and Biomembranes Plenum Publishing Corp.,
227 West 17th Street, New York, NY 10011, USA
- J. Bioeng. (GB) - (JBNGDO)**
Journal of Bioengineering Pergamon Press Ltd., Headington Hill Hall,
Oxford OX3 0BW, England
- J. Biomech. (GB) - (JBMCB5)**
Journal of Biomechanics Pergamon Press Ltd., Headington Hill Hall,
Oxford OX3 0BW, England
- J. Biomed. Eng. (GB) - (JBIEDR)**
Journal of Biomedical Engineering IPC Science and Technology Press
Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2
5BH, England
- J. Biophys. & Med. Nucl. (France) - (JBNDFF)**
Journal de Biophysique & Medecine Nucleaire Societe Francaise de Bio-
physique et Medecine Nucleaire, c/o A.F.A.S., 250 rue Saint-Jacques,
75005 Paris, France
- J. Birla Inst. Technol. & Sci. (India) - (BITJAL)**
Journal of the Birla Institute of Technology and Science Birla Institute of
Technology and Sciences, Pilani, Rajasthan, India
- J. Br. Astron. Assoc. (GB) - (JBAAA6)**
Journal of the British Astronomical Association Burlington House, Pic-
cadilly, London, W1V 0NL, England
- J. Br. Interplanet. Soc. (GB) - (JBISAW)**
Journal of the British Interplanetary Society British Interplanetary
Society, 27-29 South Lambeth Road, London SW8 1SZ, England
- J. Chart. Inst. Build. Serv. (GB) - (JIBSDF)**
Journal of the Chartered Institution of Building Services Building
Services Publications Ltd., Builder House, 1-3 Pemberton Row, Red Lion
Court, Fleet Street, London EC4P 4HL, England
- J. Chem. Educ. (USA) - (JCEDA8)**
Journal of Chemical Education American Chemical Society, 119 West
24th Street, New York, NY 10011, USA
- J. Chem. Inf. & Comput. Sci. (USA) - (JCISD8)**
Journal of Chemical Information and Computer Sciences American
Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036,
USA
- J. Chem. Phys. (USA) - (JCPSA6)**
Journal of Chemical Physics American Institute of Physics, 335 East 45th
Street, New York, NY 10017, USA
- J. Chem. Soc. Faraday Trans. I (GB) - (JCFTAR)**
Journal of the Chemical Society Faraday Transactions I Burlington
House, London, W1V 0BN, England
- J. Chem. Soc. Faraday Trans. II (GB) - (JCFTBS)**
Journal of the Chemical Society Faraday Transactions II Burlington
House, London, W1V 0BN, England
- J. Chem. Technol. & Biotechnol. (GB) - (JCTBDC)**
Journal of Chemical Technology and Biotechnology Formerly: J. Appl.
Chem. & Biotechnol. (GB) Society of Chemical Industry, 14 Belgrave
Square, London, SW1X 8PS, England
- J. Chem. Thermodyn. (GB) - (JCTDAF)**
Journal of Chemical Thermodynamics Academic Press Inc. (London)
Ltd. 24-28 Oval Road, London NW1 7DX, England
- J. Chim. Phys. & Phys.-Chim. Biol. (France) - (JCPBAN)**
Journal de Chimie Physique et de Physico-Chimie Biologique Societe de
Chimie Physique, 4 place Jussieu-Tou 54-55, 75230 Paris Cedex 05, France
- J. Chin. Inst. Eng. (Taiwan) - (CKCKDZ)**
Journal of the Chinese Institute of Engineers 4th Floor, 2nd Section,
Jen-Ai Road, Taipei, Taiwan
- J. Clin. Comput. (USA) - (JCLCB7)**
Journal of Clinical Computing 166 Morris Avenue, Buffalo, NY 14214,
USA

- J. Clin. Eng. (USA)** - (JCEND7)
Journal of Clinical Engineering Quest Publishing Co., 1351 Titan Way, Brea, CA 92621, USA
- J. Colloid & Interface Sci. (USA)** - (JCISA5)
Journal of Colloid and Interface Science Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comb. Theory Ser. A (USA)** - (JCTHAR)
Journal of Combinatorial Theory, Series A Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comb. Theory Ser. B (USA)** - (JCTHAR)
Journal of Combinatorial Theory, Series B Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Compos. Mater. (USA)** - (JCOMBI)
Journal of Composite Materials Technomic Publishing Co. Inc., 265 Post Road West, Westport, CT 06880, USA
- J. Comput. & Syst. Sci. (USA)** - (JCSSBM)
Journal of Computer and System Sciences Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comput. Chem. (USA)** - (JCCCHDD)
Journal of Computational Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Comput. Phys. (USA)** - (JCTPAH)
Journal of Computational Physics Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comput. Soc. India** - (JCSIDS)
Journal of the Computer Society of India Computer Group, Tata Institute of Fundamental Research, Colaba, Bombay 400 005, India
- J. Comput.-Based Instr. (USA)** - (JCUID8)
Journal of Computer-Based Instruction Association for the Development of Computer-Based Instructional Systems, Computer Center, Western Washington University, Bellingham, WA 98225, USA
- J. Coord. Chem. (GB)** - (JCCMBQ)
Journal of Coordination Chemistry Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- J. Cryst. & Mol. Struct. (USA)** - (JCMCLB5)
Journal of Crystal and Molecular Structure Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Cryst. Growth (Netherlands)** - (JCRGAE)
Journal of Crystal Growth North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Cybern. & Inf. Sci. (USA)** - (JCINDR)
Journal of Cybernetics and Information Science Western Periodicals Co., 13000 Rayner Street, North Hollywood, CA 91605, USA
- J. Cybern. (USA)** - (JCYBAY)
Journal of Cybernetics Title changed to: *Cybern. & Syst. (USA)*
- J. Dalian Inst. Technol. (Dalian Gongxueyuan Xuebao) (China)** - (TKHPDO)
Journal of Dalian Institute of Technology (Dalian Gongxueyuan Xuebao) Dalian, People's Republic of China
- J. Des. Autom. & Fault-Tolerant Comput. (USA)** - (JDACDT)
Journal of Design Automation & Fault-Tolerant Computing Title changed to: *J. Digital Syst. (USA)*
- J. Differ. Equations (USA)** - (JDEQAK)
Journal of Differential Equations Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Digital Syst. (USA)** - (JDSYDF)
Journal of Digital Systems Formerly: *J. Des. Autom. & Fault-Tolerant Comput. (USA)* Computer Science Press Inc., 9125 Fall River Lane, Potomac, MD 20854, USA
- J. Doc. (GB)** - (JDOCAS)
Journal of Documentation Aslib, 3 Belgrave Square, London, SW1X 8PL, England
- J. Educ. Data Process. (USA)** - (JEDPBK)
Journal of Educational Data Processing Shirley Camden, Journal of Educational Data Processing, P.O. Box 867, Soquel, CA 95073, USA
- J. Educ. Librarianship (USA)** - (JLELAR)
Journal of Education for Librarianship Association of American Library Schools, 471 Park Lane, State College, PA 16801, USA
- J. Educ. Technol. Syst. (USA)** - (JETSBT)
Journal of Educational Technology Systems Baywood Publishing Co. Inc., 120 Marine Street, Farmingdale, NY 11735, USA
- J. Elasticity (Netherlands)** - (JELSAY)
Journal of Elasticity Academic Book Services Holland, P.O. Box 66, Groningen, Netherlands
- J. Electrochem. Soc. (USA)** - (JESOAN)
Journal of the Electrochemical Society P.O. Box 2071, Princeton, NJ 08540, USA
- J. Electrochem. Soc. India** - (JESIA5)
Journal of the Electrochemical Society of India c/o Indian Institute of Science, Department of Metallurgy, Bangalore 560012, India
- J. Electron Microsc. (Japan)** - (JELJA7)
Journal of Electron Microscopy Japanese Society of Electron Microscopy, c/o Japan Academic Society Centre, 4-16 Yayoi 2 Chome, Bunkyo-ku, Tokyo 113, Japan
- J. Electron Spectrosc. & Relat. Phenom. (Netherlands)** - (JESRAW)
Journal of Electron Spectroscopy and Related Phenomena Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- J. Electron. Mater. (USA)** - (JECMA5)
Journal of Electronic Materials Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Electrostat. (Netherlands)** - (JOELDH)
Journal of Electrostatics Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- J. Energy (USA)** - (JENED5)
Journal of Energy American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Eng. Math. (Netherlands)** - (JLEMAU)
Journal of Engineering Mathematics Sijthoff & Noordhoff, International Publishers, Journal Department, P.O. Box 4, Alphen Aan den Rijn, Netherlands
- J. Eng. Phys. (USA)** - (JEPHAL)
Journal of Engineering Physics [Translation of: *Inzh.-Fiz. Zh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- J. Eng. Sci. (Saudi Arabia)** - (JESCD0)
Journal of Engineering Sciences College of Engineering, University of Riyadh, P.O. Box 800, Riyadh, Saudi Arabia
- J. Environ. Sci. (USA)** - (JEVSAG)
Journal of Environmental Sciences Institute of Environmental Sciences, 940 East Northwest Highway, Mt. Prospect, IL 60056, USA
- J. Equip. Electr. & Electron. (France)** - (JEEEPAP)
Journal de L'Equipe Electricite et Electronique Edition Tests, 71 boulevard Richard Lenoir, 75011 Paris, France
- J. Fac. Eng. Chiba Univ. (Japan)** - (CDKKAN)
Journal of the Faculty of Engineering Chiba University Chiba, Japan
- J. Fac. Eng. Ibaraki Univ. (Japan)** - (IDKSAB)
Journal of the Faculty of Engineering, Ibaraki University Ibaraki, Japan
- J. Fac. Eng. Shinshu Univ. (Japan)** - (SDKKBU)
Journal of the Faculty of Engineering, Shinshu University Nagano, Japan
- J. Fac. Eng. Univ. Tokyo Ser. A (Japan)** - (JETAAC)
Journal of the Faculty of Engineering, University of Tokyo, Series A 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan
- J. Fac. Eng. Univ. Tokyo Ser. B (Japan)** - (JETBAN)
Journal of the Faculty of Engineering, University of Tokyo Series B 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan
- J. Fac. Sci. Univ. Tokyo Sect. 1A (Japan)** - (JFTMAT)
Journal of the Faculty of Science, University of Tokyo Section 1A (Mathematics) Dean of the Faculty of Science, University of Tokyo, Tokyo, Japan
- J. Fluid Mech. (GB)** - (JFLSA7)
Journal of Fluid Mechanics Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- J. Franklin Inst. (USA)** - (JFINAB)
Journal of the Franklin Institute Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Funct. Anal. (USA)** - (JFUAAW)
Journal of Functional Analysis Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Geol. (USA)** - (JGEOAZ)
Journal of Geology University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- J. Geomagn. & Geoelectr. (Japan)** - (JGEGAB)
Journal of Geomagnetism and Geoelectricity University of Tokyo Press, c/o Business Centre for Academic Societies, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan
- J. Geophys. (Germany)** - (ZEGEA7)
Journal of Geophysics (Zeitschrift fur Geophysik) Springer-Verlag, 6900 Heidelberg 1, Postfach 105280, Germany
- J. Geophys. Res. (USA)** - (JGREAZ)
Journal of Geophysical Research American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA
- J. Graph Theory (USA)** - (JGTHDO)
Journal of Graph Theory John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Guid. & Control (USA)** - (JGCODS)
Journal of Guidance and Control American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Hist. Astron. (GB)** - (JHSAA2)
Journal for the History of Astronomy Science History Publications Ltd., Halfpenny Furze, Mill Lane, Chalfont St. Giles, Bucks. HP8 4NR, England
- J. Hydronaut. (USA)** - (JHYDB8)
Journal of Hydronautics American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Illum. Eng. Inst. Jpn. (Japan)** - (SHGSAR)
Journal of the Illuminating Engineering Institute of Japan 3 Yurakucho, 1-chome, Chiyodaku, Tokyo 100, Japan
- J. Illum. Eng. Soc. (USA)** - (JIESBS)
Journal of the Illuminating Engineering Society 345 East 47th Street, New York, NY 10017, USA
- J. Ind. Aerodyn. (Netherlands)** - (JIAED2)
Journal of Industrial Aerodynamics Title changed to: *J. Wind Eng. & Ind. Aerodyn. (Netherlands)*
- J. Indian Inst. Sci. - (JIISAD)**
Journal of the Indian Institute of Science Bangalore 560012, India
- J. Inf. (GB)** - (JOIND9)
Journal of Informatics Informatics School of Library, Archive & Information Studies, University College London, Gower Street, London, WC1E 6BT, England
- J. Inf. Process. (Japan)** - (JIPRDE)
Journal of Information Processing Information Processing Society of Japan, Kikai-Shinko Kaikan, 3-5-8 Shiba-koen, Kinato-ku, Tokyo 105, Japan
- J. Inf. Sci. Princ. & Pract. (Netherlands)** - (JISCDI)
Journal of Information Science, Principles & Practice Published for the Institute of Information Scientists by the North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Inorg. & Nucl. Chem. (GB)** - (JINCAO)
Journal of Inorganic and Nuclear Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Inst. Electron. & Commun. Eng. Jpn. (Japan)** - (IECJAJ)
Journal of the Institute of Electronics and Communication Engineers of Japan Denshi Tushin Gakkai, Kikai-Shinko-Kaikan, 5-8, Shibakoen 3 Chome Minato-ku, Tokyo 105, Japan
- J. Inst. Electron. & Telecommun. Eng. (India)** - (JIETAU)
Journal of the Institution of Electronics and Telecommunication Engineers Institution of Electronics & Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110003, India
- J. Inst. Energy (GB)** - (JINEDX)
Journal of the Institute of Energy 18 Devonshire Street, Portland Place, London W1N 2AU, England
- J. Inst. Eng. (India) Electr. Eng. Div. - (JEELAC)**
Journal of the Institution of Engineers (India) Electrical Engineering Division 8 Gokhale Road, Calcutta 700020, India
- J. Inst. Eng. (India) Electron. & Telecommun. Eng. Div. - (JEETA2)**
Journal of the Institution of Engineers (India) Electronics and Telecommunication Engineering Division 8 Gokhale Road, Calcutta 700020, India
- J. Inst. Eng. (India) Mech. Eng. Div. - (JEMDAS)**
Journal of the Institution of Engineers (India) Mechanical Engineering Division 8 Gokhale Road, Calcutta 700020, India
- J. Inst. Eng. Aust. (Australia)** - (JISGAR)
Journal of the Institution of Engineers, Australia Miadna Pty. Ltd., 11 National Circuit, Barton ACT 2600, Australia
- J. Inst. Math. & Appl. (GB)** - (JMATA8)
Journal of the Institute of Mathematics and Its Applications Title changed to: *IMA J. Appl. Math. (GB)*
- J. Inst. Nucl. Eng. (GB)** - (JINEBV)
Journal of the Institution of Nuclear Engineers Title changed to: *Nucl. Eng. (GB)*

- J. Inst. Telev. Eng. Jpn. (Japan)** - (JITJA7)
Journal of the Institute of Television Engineers of Japan Kikai-Shinko Building, 3-5-8 Shiba Park, Minato-ku, Shiba PO, Tokyo, Japan
- J. Jpn. Assoc. Philos. Sci. (Japan)** - (KAKKAM)
Journal of the Japan Association for Philosophy of Science c/o Institute of Statistical Mathematics, 6-7, 4-chome, Minami-azabu, Minato-ku, Tokyo, Japan
- J. Jpn. Inst. Met. (Japan)** - (NIKGAU)
Journal of the Japan Institute of Metals Aza-Aoba Aramaki, Sendai 980, Japan
- J. Jpn. Soc. Precis. Eng. (Japan)** - (JJPEAD)
Journal of the Japan Society of Precision Engineering Ceramics Building, 22-12, Hyakunincho 2-chome, Shinjuku-Ku, Tokyo, Japan
- J. Korea Inst. Electron. Eng.** - (JKEEAX)
Journal of Korea Institute of Electronics Engineers 24 Sinmoon Ro 1Ka, Chongro Ku, Seoul 110, Korea
- J. Korean Inst. Electr. Eng.** - (JKIEAJ)
Journal of the Korean Institute of Electrical Engineers Korean Institute of Electrical Engineers, 11-4 Soopyo-dong, Chung-ku, Seoul 100, Korea
- J. Korean Inst. Met.** - (KUHICAL)
Journal of the Korean Institute of Metals C.P.O. Box 5311, Seoul, Korea
- J. Korean Nucl. Soc.** - (WJHKAW)
Journal of the Korean Nuclear Society P.O. Box 7, Cheong Ryang, Seoul, Korea
- J. Korean Phys. Soc.** - (KPSJAS)
Journal of the Korean Physical Society Korean Physical Society, Science Centre Building, San 76-561, Yulsan-dong, Kangam-ku, Seoul, Korea
- J. Less-Common Met. (Switzerland)** - (JCOMAH)
Journal of the Less-Common Metals Elsevier Sequoia SA, P.O. Box 851, 1001 Lausanne 1, Switzerland
- J. Libr. Autom. (USA)** - (JLAUAY)
Journal of Library Automation 50 East Huron Street, Chicago, IL 60611, USA
- J. Librarianship (GB)** - (JLIBAH)
Journal of Librarianship Library Association, 7 Ridgmount Street, London, WC1E 7AE, England
- J. Low Temp. Phys. (USA)** - (JLTPAC)
Journal of Low Temperature Physics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Lumin. (Netherlands)** - (JLUMAX8)
Journal of Luminescence North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Macromol. Sci. - Phys. (USA)** - (JMAPBR)
Journal of Macromolecular Science - Physics Marcel Dekker Inc., P.O. Box 11305, Church Street Station, New York, NY 10249, USA
- J. Magn. & Magn. Mater. (Netherlands)** - (JMMMDCC)
Journal of Magnetism and Magnetic Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Magn. Resonance (USA)** - (JOMRA4)
Journal of Magnetic Resonance Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Mater. Sci. (GB)** - (JMTSAS)
Journal of Materials Science Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England
- J. Math. & Phys. Sci. (India)** - (JMPSB9)
Journal of Mathematical and Physical Sciences Indian Institute of Technology, Madras 600 036, India
- J. Math. Anal. & Appl. (USA)** - (JMANAK)
Journal of Mathematical Analysis and Applications Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Math. Biol. (Germany)** - (JMBLAI)
Journal of Mathematical Biology Springer-Verlag, Heideiberger Platz 3, D-1000 Berlin 33, Germany
- J. Math. Phys. (USA)** - (JMAPAQ)
Journal of Mathematical Physics American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Math. Sociol. (GB)** - (JMTSBT)
Journal of Mathematical Sociology Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- J. Mec. (France)** - (JOMCAR)
Journal de Mecanique Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- J. Mec. Appl. (France)** - (JMAPDT)
Journal de Mecanique Appliquee Centrale des Revues Dunod/Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
- J. Mech. & Phys. Solids (GB)** - (JMPSA8)
Journal of the Mechanics and Physics of Solids Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Mech. Eng. Lab. (Japan)** - (KGKSBL)
Journal of Mechanical Engineering Laboratory Agency of Industrial Science and Technology, Igusa Suginami-ku, Tokyo, Japan
- J. Mech. Eng. Sci. (GB)** - (JMESAL)
Journal of Mechanical Engineering Science Institution of Mechanical Engineers, P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England
- J. Med. Eng. & Technol. (GB)** - (JMTEDN)
Journal of Medical Engineering & Technology United Trade Press Ltd., 33-35 Bowling Green Lane, London EC1R 0DA, England
- J. Membrane Sci. (Netherlands)** - (JMESDO)
Journal of Membrane Science Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- J. Met. (USA)** - (JOMTAA)
Journal of Metals Metallurgical Society of AIME, P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA 15086, USA
- J. Microgr. (USA)** - (JMGPNB)
Journal of Micrographics National Micrographics Association, Dept. F, 8719 Colesville Road, Silver Spring, MD 20910, USA
- J. Microsc. & Spectrosc. Electron. (France)** - (JMSEDI)
Journal de Microscopie et de Spectroscopie Electroniques Societe Francaise de Microscopie Electronique, 67 rue Maurice-Gunsbourg, 94200 Ivry, France
- J. Microsc. (GB)** - (JMICAL)
Journal of Microscopy Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England
- J. Microwave Power (Canada)** - (JLMPAB)
Journal of Microwave Power IMPI, Box 634, Sub 11, University of Alberta, Edmonton, Alberta T6G 2E0, Canada
- J. Mol. Spectrosc. (USA)** - (JMOSA3)
Journal of Molecular Spectroscopy Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Mol. Struct. (Netherlands)** - (JMOSB4)
Journal of Molecular Structure Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Multivariate Anal. (USA)** - (JMVAI1)
Journal of Multivariate Analysis Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Natl. Chiao Tung Univ. (Taiwan)** - (CTTPDS)
Journal of National Chiao Tung University College of Engineering, 45 Po Ai Street, Hsinchu 300, Taiwan
- J. Natl. Res. Council. Thailand** - (JRCTAF)
Journal of the National Research Council of Thailand Thai National Documentation Centre, Bangkok, Thailand
- J. Navig. (GB)** - (JONVAL)
Journal of Navigation Royal Institute of Navigation at the Royal Geographical Society, 1 Kensington Gore, London, SW7 2AT, England
- J. Neurosci. Methods (Netherlands)** - (JNMEDT)
Journal of Neuroscience Methods Elsevier/North-Holland, Journal Division, P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Non-Cryst. Solids (Netherlands)** - (JNCSBJ)
Journal of Non-Crystalline Solids North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Non-Equilibrium Thermodyn. (Germany)** - (JNETDY)
Journal of Non-Equilibrium Thermodynamics Walter de Gruyter & Co., Genthiner Strasse 13, D-1000 Berlin 30, Germany
- J. Non-Newtonian Fluid Mech. (Netherlands)** - (JNFMD1)
Journal of Non-Newtonian Fluid Mechanics Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Nucl. Mater. (Netherlands)** - (JNUMAM)
Journal of Nuclear Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Nucl. Med. (USA)** - (JNMEAQ)
Journal of Nuclear Medicine Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016, USA
- J. Nucl. Med. Technol. (USA)** - (JNMTB4)
Journal of Nuclear Medicine Technology Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016, USA
- J. Nucl. Sci. & Technol. (Japan)** - (JNSTAX)
Journal of Nuclear Science and Technology Atomic Energy Society of Japan, c/o Japan Atomic Energy Research Institute, No. 1-13, 1-chome, Shimabashi, Minato-ku, Tokyo, Japan
- J. Oper. Res. Soc. (GB)** - (JORSZD)
Journal of the Operational Research Society Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Oper. Res. Soc. Jpn. (Japan)** - (JORJAS)
Journal of the Operations Research Society of Japan Operations Research Society of Japan, 4-16 Yayoi 2-chome, Bunko-ku, Tokyo 113, Japan
- J. Opt. (France)** - (JOOPDB)
Journal of Optics Masson Editeur, 120 Boulevard Saint-Germain, 75280 Paris Cedex 06, France
- J. Opt. (India)** - (JOPTBQ)
Journal of Optics Optical Society of India, Department of Applied Physics, University of Calcutta, 92 Acharya Prafulla Chandra Road, Calcutta 700 009, India
- J. Opt. Soc. Am. (USA)** - (JOSAAH)
Journal of the Optical Society of America Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Optimiz. Theory & Appl. (USA)** - (JOTABN)
Journal of Optimization Theory and Applications Plenum Publishing Co., 227 West 17th Street, New York, NY 10011, USA
- J. Photogr. Sci. (GB)** - (JPTSAF)
Journal of Photographic Science Royal Photographic Society, 14 South Audley Street, London W1Y 5DP, England
- J. Phys. & Chem. Ref. Data (USA)** - (JPCRBU)
Journal of Physical and Chemical Reference Data American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036, USA
- J. Phys. & Chem. Solids (GB)** - (JPCSAS)
Journal of the Physics and Chemistry of Solids Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Phys. (France)** - (JOPOAG)
Journal de Physique Z.I. de Courtabouef, B.P. 112, 91402 Orsay, France
- J. Phys. A (GB)** - (JPHACS)
Journal of Physics A, (Mathematical and General) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. B (GB)** - (JPAMA4)
Journal of Physics B, (Atomic and Molecular Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. C (GB)** - (JPSOAW)
Journal of Physics C, (Solid State Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. Chem. (USA)** - (JPCHAX)
Journal of Physical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- J. Phys. Colloq. (France)** - (JPQCAK)
Journal de Physique Colloque Societe Francaise de Physique, 87 bis Avenue du General Leclerc, 75014 Paris, France
- J. Phys. D (GB)** - (JPAPBE)
Journal of Physics D, (Applied Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. E (GB)** - (JPSIAE)
Journal of Physics E, (Scientific Instruments) Formerly: *J. Sci. Instrum. (GB)* Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. Earth (Japan)** - (JPHEAF)
Journal of Physics of the Earth University of Tokyo Press, c/o Business Centre for Academic Sciences, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan. Subscription address: Japan Publications Trading Co. Ltd., C.P.O. 722, Tokyo, Japan
- J. Phys. F (GB)** - (JPFMAT)
Journal of Physics F, (Metal Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. G (GB)** - (JPHGBM)
Journal of Physics G, (Nuclear Physics) Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- J. Phys. Lett. (France)** - (JPSLBO)
Journal de Physique Lettres Issued with: *J. Phys. (France)*
- J. Phys. Oceanogr. (USA)** - (JPYOBT)
Journal of Physical Oceanography American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA

- J. Phys. Soc. Jpn. (Japan)** - (JUPSAU)
Journal of the Physical Society of Japan Room 211, Kikai Shinko Building, 3-5-8 Shiba Koen, Minato-ku, Tokyo 105, Japan
- J. Plasma Phys. (GB)** - (JPLPBZ)
Journal of Plasma Physics Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- J. Polym. Sci. Polym. Chem. Ed. (USA)** - (JPLCAT)
Journal of Polymer Science, Polymer Chemistry Edition John Wiley & Sons Ltd., 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Lett. Ed. (USA)** - (JPYBAN)
Journal of Polymer Science, Polymer Letters Edition John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Phys. Ed. (USA)** - (JPLPAY)
Journal of Polymer Science, Polymer Physics Edition John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Symp. (USA)** - (JPYCAQ)
Journal of Polymer Science, Polymer Symposia John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Power Sources (Switzerland)** - (JPSODZ)
Journal of Power Sources Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- J. Qing Hua Univ. (China)** - (CHHPAH)
Journal of Qing Hua University People's Press, Beijing, People's Republic of China
- J. Qual. Technol. (USA)** - (JQUTAU)
Journal of Quality Technology American Society of Quality Control, Plankinton Building, 161 West Wisconsin Avenue, Milwaukee, WI 53203, USA
- J. Quant. Spectrosc. & Radiat. Transfer (GB)** - (JQSRAE)
Journal of Quantitative Spectroscopy and Radiative Transfer Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. R. Astron. Soc. Can. (Canada)** - (JRASA2)
Journal of the Royal Astronomical Society of Canada 124 Merton Street, Toronto, Ontario M4S 2Z2, Canada
- J. R. Electr. & Mech. Eng. (GB)** - (JREMB5)
Journal of the Royal Electrical and Mechanical Engineers Moat House, Arborfield, Berks., RG2 9LN, England
- J. R. Signals Inst. (GB)** - (JRSIBT)
Journal of the Royal Signals Institution Cheltenham Terrace, London, SW3 4RH, England
- J. Radiat. Res. (Japan)** - (JRARAX)
Journal of Radiation Research Japan Radiation Research Society, c/o National Institute of Radiological Sciences, Anagawa 4-9, Chiba 280, Japan
- J. Radio Res. Lab. (Japan)** - (JRRLAW)
Journal of the Radio Research Laboratories Chief Planning Section, Radio Research Laboratories, Ministry of Posts & Telecommunications, Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan
- J. Radioanal. Chem. (Switzerland)** - (JRCBN)
Journal of Radioanalytical Chemistry Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland. Kultura, H-1389 Budapest, 62, P.O. Box 149, Hungary
- J. Raman Spectrosc. (GB)** - (JRSPAF)
Journal of Raman Spectroscopy Heyden & Son Ltd., Spectrum House, Hillview Gardens, London NW4 2JQ, England
- J. Rech. Atmos. (France)** - (JRATAS)
Journal de Recherches Atmospheriques Observatoire du Puy de Dome, 12 avenue des Landais, 63001 Clermont Ferrand Cedex, France
- J. Res. Commun. Stud. (Netherlands)** - (JRCSDP)
Journal of Research Communication Studies Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Res. Inst. Sci. & Technol. Nihon Univ. (Japan)** - (NDRKA9)
Journal of the Research Institute of Science and Technology, Nihon University Nihon, Japan
- J. Res. Music Educ. (USA)** - (JRMEAK)
Journal of Research in Music Education Music Educators National Conference, 1902 Association Drive, Reston, VA 22091, USA
- J. Res. Natl. Bur. Stand. (USA)** - (JRNBA9)
Journal of Research of the National Bureau of Standards US Government Printing Office, Washington, DC 20402, USA
- J. Rheol. (USA)** - (JORHD2)
Journal of Rheology Published for the Society of Rheology by John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Sci. & Ind. Res. (India)** - (JSIRAC)
Journal of Scientific and Industrial Research Sales & Distribution Office, Publications & Information Directorate, Hillside Road, New Delhi 110012, India
- J. Sci. Hiroshima Univ. A (Japan)** - (JSHA00)
Journal of Science of the Hiroshima University, Series A (Physics and Chemistry) Publishing Committee of Series A, Department of Chemistry, Faculty of Science, Hiroshima University, Hiroshima 730, Japan
- J. Sci. Res. Banaras Hindu Univ. (India)** - (JSRBA9)
Journal of Scientific Research of the Banaras Hindu University PO-Banaras Hindu University, India
- J. Sci. Soc. Thailand** - (VKSTDB)
Journal of the Science Society of Thailand Chulalongkorn University, Faculty of Science, Bangkok 5, Thailand
- J. Signalaufzeichnungsmater. (Germany)** - (JSZMAE)
Journal für Signalaufzeichnungsmaterialien Akademie-Verlag, 108 Berlin, Leipzigerstrasse 3-4, Germany
- J. Singapore Natl. Acad. Sci.** - (JSNABL)
Journal of the Singapore National Academy of Science Tecco Organisation, 117-b Killiney Road, Singapore 9, Singapore
- J. Soc. Environ. Eng. (GB)** - (JSEEBM)
Journal of the Society of Environmental Engineers Modino Press Ltd., 50 Pine Grove, London, N20 8LA, England
- J. Soc. Instrum. & Control Eng. (Japan)** - (KESEA4)
Journal of the Society of Instrument and Control Engineers Hongo, 1-35-28-303, Bunkyo-ku, Tokyo 113, Japan
- J. Soc. Mater. Sci. Jpn. (Japan)** - (ZARYAQ)
Journal of the Society of Materials Science, Japan I Yoshida Izumidono-cho, Sakyo-ku, Kyoto, Japan
- J. Soc. Underwater Technol. (GB)** - (JSUTDD)
Journal of the Society for Underwater Technology 1 Birdcage Walk, London, SW1H 9JJ, England
- J. Solid State Chem. (USA)** - (JSSCB1)
Journal of Solid State Chemistry Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Sound & Vib. (GB)** - (JSVIAG)
Journal of Sound and Vibration Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, England
- J. Sov. Laser Res. (USA)** - (JSRLRU)
Journal of Soviet Laser Research Plenum Publishing Corp., 227 West 17th Street, New York, NY 10016, USA
- J. Spacecr. & Rockets (USA)** - (JSCRAG)
Journal of Spacecraft and Rockets American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Spectrosc. Soc. Jpn. (Japan)** - (BUKKAT)
Journal of the Spectroscopical Society of Japan (Bunkyo Kenkyu) Spectroscopical Society of Japan, Room 301, Clean Building, 1-13, Kanda-Awaji-cho, Chiyoda-ku, Tokyo 101, Japan
- J. Speech & Hear. Res. (USA)** - (JSPHAA)
Journal of Speech and Hearing Research American Speech-Language-Hearing Association, 10801 Rockville Pike, Rockville, MA 20852, USA
- J. Stat. Comput. & Simulation (GB)** - (JSCSAJ)
Journal of Statistical Computation and Simulation Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- J. Stat. Phys. (USA)** - (JSTPBS)
Journal of Statistical Physics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Stat. Plann. & Inference (Netherlands)** - (JSPIDN)
Journal of Statistical Planning and Inference North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Strain Anal. (GB)** - (JSTABH)
Journal of Strain Analysis Title changed to: *J. Strain Anal. Eng. Des. (GB)*
- J. Strain Anal. Eng. Des. (GB)** - (JSADDZ)
Journal of Strain Analysis for Engineering Design Formerly: *J. Strain Anal. (GB)* Mechanical Engineering Publications Ltd., P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England
- J. Struct. Chem. (USA)** - (JSTCAM)
Journal of Structural Chemistry [Translation of: *Zh. Strukt. Khim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- J. Struct. Mech. (USA)** - (JSMHA2)
Journal of Structural Mechanics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- J. Symb. Logic (USA)** - (JSYLA6)
Journal of Symbolic Logic Association for Symbolic Logic, P.O. Box 6248, Providence, RI 02940, USA
- J. Syst. & Software (USA)** - (JSSODM)
Journal of Systems and Software Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- J. Syst. Manage. (USA)** - (JSYMA9)
Journal of Systems Management Association for Systems Management 24587 Bagley Road, Cleveland, OH 44138, USA
- J. Tech. Phys. (Poland)** - (JTPHDR)
Journal of Technical Physics Polish Academy of Sciences, Institute of Fundamental Technological Research, Palac Kultury i Nauki, Warszawa, Poland
- J. Technol. (India)** - (JTBEAD)
Journal of Technology Bengal Engineering College, Howrah, India
- J. Test. & Eval. (USA)** - (JTEVAB)
Journal of Testing and Evaluation American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA
- J. Therm. Anal. (GB)** - (JTJEA9)
Journal of Thermal Analysis Heyden & Son Ltd., Spectrum House, Hillview Gardens, London NW4 2JQ, England. Akademiai Kiado, Alkotmany U 21, Budapest 5, Hungary
- J. Therm. Stresses (USA)** - (JTSTDA)
Journal of Thermal Stresses McGraw-Hill International Book Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- J. Univ. Kuwait (Sci.)** - (JUKSD8)
Journal of the University of Kuwait (Science) Faculty of Science, Kuwait
- J. Urban Anal. (GB)** - (JURAAK)
Journal of Urban Analysis Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- J. Vac. Sci. & Technol. (USA)** - (JVSTAL)
Journal of Vacuum Science and Technology American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Vac. Soc. Jpn. (Japan)** - (SHINAM)
Journal of the Vacuum Society of Japan Kikai Shinko Building, 5-8 Shibakoen, 3-chome, Minato-ku, Tokyo, Japan
- J. Water Pollut. Control Fed. (USA)** - (JWPFA5)
Journal Water Pollution Control Federation Water Pollution Control Federation, 2626 Pennsylvania Avenue, N.W., Washington, DC 20037, USA
- J. Wind Eng. & Ind. Aerodyn. (Netherlands)** - (JWEAD6)
Journal of Wind Engineering and Industrial Aerodynamics Formerly: *J. Ind. Aerodyn. (Netherlands)* Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. X-Ray Technol. (GB)** - (JXRTAU)
Journal of X-Ray Technology Society of X-Ray Technology, c/o Mr. G.E.H. Deadman, "Arvalee", Stanley Road, Marden, Kent TN12 9EL, England
- Jad. Energ. (Czechoslovakia)** - (JADEAQ)
Jaderna Energie SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- JEE (Japan)** - (JELEBR)
JEE (Japan Electronic Engineering) Title changed to: *JEE (Japan)*
- JEE (Japan)** - (JEENDL)
JEE (Journal of Electronic Engineering) Formerly: *JEE (Japan)* Dempa Publications Inc., 11-15 Higashi Gotanda, 1-chome, Shinagawaku, Tokyo 141, Japan
- JEL-Jpn. Electron. Ind. (Japan)** - (JELIB5)
JEL-Japan Electronic Industry Dempa Publications Inc., 11-15 Higashi Gotanda, 1-chome, Shinagawa-ku, Tokyo 141, Japan
- Jemma Mech. & Opt. (Czechoslovakia)** - (JMKOAS)
Jemma Mechanika a Optika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Jena Rev. (Germany)** - (JNRVAY)
Jena Review VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- JETP Lett. (USA)** - (JTPLA2)
JETP Letters [Translation of: *Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA

Johns Hopkins APL Tech. Dig. (USA) - (JHADDQ)

Johns Hopkins APL Technical Digest Formerly: *APL Tech. Dig. (USA)*
Johns Hopkins University, Applied Physics Laboratory, Johns Hopkins
Road, Laurel, MD 20810, USA

Jpn. J. Appl. Phys. (Japan) - (JJAPAS)

Japanese Journal of Applied Physics Publication Office, Daini Toyokaiji
Building, 24-8 Shinbashi 4-chome, Minato-bu, Tokyo 105, Japan

Jpn. J. Med. Electron. & Biol. Eng. (Japan) - (IYSEAK)

Japanese Journal of Medical Electronics and Biological Engineering
Japan Society of Medical Electronics and Biological Engineering, Kikai-
shinko Building, 3-5-8 Shiba-Park, Minato-ku, Tokyo 105, Japan

Jpn. Railw. Eng. (Japan) - (JAREBT)

Japanese Railway Engineering Japan Railway Engineers' Association, 5-
18 Otemachi 2-chome, Chiyoda-ku, Tokyo 100, Japan

Jpn. Shipbuild. & Mar. Eng. (Japan) - (JSMEBS)

Japan Shipbuilding & Marine Engineering Japan Association for Techni-
cal Information, 4-7-107 Yamazaki-cho, Machida-City, Tokyo 194-01,
Japan

Jpn. Telecommun. Rev. (Japan) - (JTICRAN)

Japan Telecommunications Review Nippon Telegraph & Telephone Public
Corp., 1-6 Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo 100, Japan

Jurimetrics J. (USA) - (JURJAD)

Jurimetrics Journal Section of Sciences & Technology, American Bar
Association, 1155 East 60th Street, Chicago, IL 60637, USA

K. Nor. Vidensk. Selsk. Foerhandl. (Norway) - (KNSFA2)

Kongelige Norske Videnskabers Selskabs Forhandling Publisher:
F.Bruns Bokhandel, Trondheim, Norway

K. Nor. Vidensk. Selsk. Skr. (Norway) - (KNSSA7)

Kongelige Norske Videnskabers Selskabs Skrifter Publisher: F.Bruns Bok-
handel, Trondheim, Norway

Kabel-Cables (Switzerland) - (KACAAK)

Kabel-Cables Kabelwerke Brugg AG, 5200 Brugg, Switzerland

KDD Tech. J. (Japan) - (KTNKAY)

KDD Technical Journal International Communications Research Institute,
Tokyo, Japan

Kent Tech. Rev. (GB) - (KTTRAH)

Kent Technical Review George Kent Ltd., Luton, Beds LU3 1AL,
England

KeP- & Hangtech. (Hungary) - (KEHTAS)

KeP-es Hangtechnika Lapkiado Vallalat, Budapest VII, Lenin korut 9-11,
Hungary

Kexue Tongbao (China) - (KHTPAT)

Kexue Tongbao Academia Sinica, Peking, People's Republic of China
[English translation in: *Kexue Tongbao (Scientia) (USA)*]

Kexue Tongbao (Foreign Lang. Ed.) (China) - (KHTPBUI)

Kexue Tongbao (Foreign Language Edition) Science Press, Beijing,
People's Republic of China

Kexue Tongbao (Scientia) (USA) - (KETOD8)

Kexue Tongbao (Scientia) [Translation of: *Kexue Tongbao (China)*] Ple-
num/China Program, 227 West 17th Street, New York, NY 10011, USA

Kibern. & Ychisl. Tekh. (USSR) - (KVTAS)

Kibernetika i Ychislitel'naya Tekhnika Izdatel'stvo 'Naukova Dumka',
Kiev, Repina 3, USSR

Kibernetika (USSR) - (KBRNA5)

Kibernetika Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English
translation in: *Cybernetics (USA)*]

Kilobaud Microcomput. (USA)

Kilobaud Microcomputing 1001001 Inc., Pine Street, Peterborough, NH
03458, USA

Kniznice & Ved. Inf. (Czechoslovakia) - (KVIFA8)

Kniznice a Vedecké Informacie Matica Slovenska, Martin, Mudronova 35,
Czechoslovakia

Kobunshi Ronbunshu (Japan) - (KBRBA3)

Kobunshi Ronbunshu Society of Polymer Science, Hon Building, 12-8
Ginza 5-chome, Chuo-ku, Tokyo 104, Japan

Kodaikanal Obs. Bull. Ser. A (India) - (KOBAAB)

Kodaikanal Observatory Bulletin, Series A Indian Institute of Astrophysics,
Kodaikanal 3, Madurai District, Tamil Nadu, India

Kodaikanal Obs. Bull. Ser. B (India) - (KOBBAE)

Kodaikanal Observatory Bulletin, Series B Indian Institute of Astrophysics,
Kodaikanal 3, Madurai District, Tamil Nadu, India

Koezl. Magy. Tud. Akad. Musz. Fiz. Kut. Intez. (Hungary) - (MTIKAV)

Kozlemleny Magyar Tudomanyos Akademia Muszaki Fizikai Kutato
Intezetek Hungarian Academy of Sciences, Research Institute for Techni-
cal Physics, Budapest, Ujpest 1, P.O. Box 76, Hungary

Koezlekedes Tud. Sz. (Hungary) - (KOSZAZ)

Kozlekedes Tudomanyi Szemle Lapkiado Vallalat, 1073 Budapest,
Lenin-Korut 9-11, Hungary

Kogaku to Gijutsu (Japan) - (KTGIAR)

Kogaku to Gijutsu Kansai University, Faculty of Engineering, Senriyama,
Suita-shi, 564 Osaka, Japan

Kolloidn. Zh. (USSR) - (KOZHAG)

Kolloidnyi Zhurnal Editorial address: Institute of Physical Chemistry,
Academy of Sciences of the USSR, Moscow, USSR [English translation in:
Colloid J. USSR (USA)]

Koncar Strucne Inf. (Yugoslavia) - (KONCDC)

Koncar Strucne Informacije Produzece 'Rade Koncar', Post Pret, 304 Fal-
lervo Set, 22 Zagreb, Yugoslavia

Kosm. Issled. (USSR) - (KOISAW)

Kosmicheske Issledovaniya Izdatel'stvo 'Nauka', 103717 Moskva, Pod-
senskii 21, USSR [English translation in: *Cosmic Res. (USA)*]

Kovove Mater. (Czechoslovakia) - (KOMAAW)

Kovove Materialy Vydavatel'stvo Slovenskej Akademie Vied, Bratislava,
Klemensova 19, Czechoslovakia

Krist. & Tech. (Germany) - (KRTEAW)

Kristall und Technik Akademie-Verlag GmbH, Leipziger Strasse 3-4
DDR-108 Berlin, Germany. Academic Press Inc. (London) Ltd., 24-28
Oval Road, London NW1, England

Kristallografiya (USSR) - (KRISAJ)

Kristallografiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva,
USSR [English translation in: *Sov. Phys.-Crystallogr. (USA)*]

Kumamoto J. Sci. (Math.) (Japan) - (KJSAAR)

Kumamoto Journal of Science (Mathematics) Faculty of Science,
Kumamoto University, Kumamoto, Japan

Kunstst.-Berat. (Germany) - (KUBEAV)

Kunststoff-Berater Umshau Verlag, 6000 Frankfurt am Main, Stuttgarter
Strasse 18-24, Germany

Kvantovaya Elektron., Kiev (USSR) - (KVELA6)

Kvantovaya Elektronika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3,
USSR

Kvantovaya Elektron., Moskva (USSR) - (KVEKA3)

Kvantovaya Elektronika Sovetskoe Radio, Moskva, Glavpochtamt, p/ya
693, USSR [English translation in: *Sov. J. Quantum Electron. (USA)*]

Kybernetes (GB) - (KBNTA3)

Kybernetes Thales Publications (W.O.) Ltd., 4 Pleck Farm Avenue,
Blackburn BB1 8PE, England

Kybernetika (Czechoslovakia) - (KYBNAI)

Kybernetika PNS-yyvos Tiskuv, Nove Mesto, Jindriska 14, 12505 Praha 1,
Czechoslovakia

Lab. Equip. Dig. (GB) - (LEQDA2)

Laboratory Equipment Digest Morgan-Grampian Ltd., 30 Calderwood
Street, Woolwich, London SE18 6QH, England

Lab. Pract. (GB) - (LABPA3)

Laboratory Practice United Trade Press, 15 Albert Mews, London W8
5RY, England

Landis & Gyr Rev. (Switzerland) - (LGRVA7)

Landis & Gyr Review 6301 Zug, Switzerland

Large Scale Syst.-Theory & Appl. (Netherlands) - (LSSAD2)

Large Scale Systems - Theory and Applications North-Holland Publish-
ing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands

Laser & Elektro-Opt. (Germany) - (LELOAA)

Laser und Elektro-Optik AT-Fachverlag GmbH, 7000 Stuttgart 50, Post-
fach 50 01 80, Konig-Karl-Strasse 19, Germany

Laser Focus (USA) - (LAFOAK)

Laser Focus Advanced Publications Inc., 1001 Watertown Street, Newton,
MA 02165, USA

LASIE (Australia) - (IBLEAS)

*LASIE (Information Bulletin of the Library Automated Systems Infor-
mation Exchange)* Editorial address: Department of Library and Information
Studies, Kuring-gai College of Advanced Education, P.O. Box 222, Lind-
field, N.S.W. 2070, Australia

Latv. PSR Zinat. Akad. Vestis (USSR) - (LZVAUL)

Latvijas PSR Zinatnu Akademijas Vestis Fundamental Library, Academy
of Sciences, 4 Komunalu Street, Riga, USSR

Latv. PSR Zinat. Akad. Vestis Fiz. Teh. Zinat. Ser. (USSR) - (LZFTA6)

Latvijas PSR Zinatnu Akademijas Vestis, Fizikas un Tehnisko Zinatnu
Serija Fundamental Library, Academy of Sciences, 4 Komunalu Street,
Riga, USSR

Law & Comput. Technol. (USA) - (LACTAC)

Law and Computer Technology Title changed to: *Law/Technol. (USA)*

Leitz Sci. & Tech. Inf. (Germany) - (LSTEDJ)

Leitz Scientific and Technical Information Ernst Leitz Wetzlar GmbH,
Postfach 2020, D-6330 Wetzlar, Germany

Leit. Heat & Mass Transfer (GB) - (LHMTBI)

Letters in Heat and Mass Transfer Pergamon Press Ltd., Headington Hill
Hall, Oxford OX3 0BW, England

Lett. Math. Phys. (Netherlands) - (LMPHDY)

Letters in Mathematical Physics D. Reidel Publishing Co., P.O. Box 17,
3300 AH Dordrecht, Netherlands

Lett. Nuovo Cimento (Italy) - (LNUCAE)

Lettere al Nuovo Cimento Editrice Compositore s.r.l., Viale XII Giugno 1,
40124 Bologna, Italy

LEW-Nachr. (Germany) - (LEWNAS)

LEW-Nachrichten Kombinat VEB LEW 'Hans Beimler', 1422 Hennings-
dorf, Germany

Libr. & Inf. Sci. (Japan) - (LIFSBL)

Library and Information Science Mita Society of Library and Information
Science, c/o School of Library and Information Science, Keio University,
Mita, Minato-ku, Tokyo 108, Japan

Libr. Q. (USA) - (LIBQAS)

Library Quarterly University of Chicago Press, 11030 S. Langley Avenue,
Chicago, IL 60628, USA

Libr. Resour. & Tech. Serv. (USA) - (LRTSAH)

Library Resources & Technical Services American Library Association,
Resources and Technical Service Division, 1201-05 Bluff Street, Fulton,
MO 65251, USA

Licht (Germany) - (LCHTAP)

Licht Dr. Alfred Huthig Verlag, 6900 Heidelberg 1, Postfach 10 28 69,
Germany

Lichtbogen (Germany) - (LIBOAM)

Der Lichtbogen Chemische Werke Huls AG, 4370 Marl, Kreis Reckling-
hausen, Germany

Liet. TSR Mokslu Akad. Darbai B Ser. (USSR) - (LIMDBAL)

Lietuvos TSR Mokslu Akademijos Darbai, B Serija Vilnius, Lenin pr. 3,
USSR

Light. Equip. News (GB) - (LIENAY)

Lighting Equipment News Group Publications, Maclean Hunter Ltd., 30
Old Burlington Street, London, W1X 2AE, England

Light. Res. & Technol. (GB) - (LRTAE9)

Lighting Research and Technology Lighting Division, Chartered Institu-
tion of Building Services, 49 Cadogan Square, London SW1X 0JB,
England

Linde Rep. Sci. & Technol. (Germany) - (LRSTAF)

Linde Reports on Science and Technology Linde Aktiengesellschaft,
Abraham Lincoln-Strasse 21, D-6200 Wiesbaden, Germany

Linear Algebra & Appl. (USA) - (LAAPAA)

Linear Algebra and its Applications Elsevier North-Holland Inc., 52 Van-
derbilt Avenue, New York, NY 10017, USA

Litov. Fiz. Sb. (USSR) - (LFRMA7)

Litovskii Fizicheskii Sbornik Lietuvos TSR Mokslu Akademijos, Centre
Biblioteka, Pozelos g-vė 2/8, Vilnius, USSR [English translation in: *Sov. Phys.-Collect. (USA)*]

Ljuskultur (Sweden) - (LJUSAY)

Ljuskultur Publication address: Skeppargatan 27, Box 5512, 11485 Stock-
holm, Sweden

Logist. & Transp. Rev. (Canada) - (LGTRA5)

Logistics and Transportation Review Faculty of Commerce, University of
British Columbia Vancouver V6T 1W5, Canada

Low Temp. Sci. Ser. A (Japan) - (TEKAAH)

Low Temperature Science Series A, Physical Sciences Institute of Low
Temperature Science, Hokkaido University, Sapporo, Japan

LSE Eng. Bull. (GB) - (LSEBAY)

LSE Engineering Bulletin Laurence, Scott and Electromotors, Frankland
Moor House, 185-7 High Road, Norwich, NOR 85A, England

- Lucas Eng. Rev. (GB)** - (LEGRAS)
Lucas Engineering Review Joseph Lucas Ltd., Great King Street, Birmingham B19 2XF, England
- Lucr. ICPE (Romania)** - (LICPAU)
Lucrarile ICPE Institut de Cercetare si Proiectare Pentru Industria Electrotehnica, Bd. T. Vladimirescu No. 45-47, Raionul V.I. Lenin, Bucuresti, Romania
- Luft- & Kaeltech. (Germany)** - (LUKAA7)
Luft- und Kältechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany
- M.A.N. Res. Eng. Manuf. (Germany)** - (MANEB8)
M.A.N. Research Engineering Manufacturing Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft, D 89 Augsburg, Germany
- Mach. & Prod. Eng. (GB)** - (MPREAU)
Machinery and Production Engineering Machpress Ltd., 1 Copers Cope Road, Beckenham, Kent BR3 1NB, England
- Mach. & Tool. (GB)** - (MCTOAD)
Machines and Tooling [Translation of: *Stanki & Instrum. (USSR)*] Turpin Transactions, The Distribution Centre, Blackhorse Road, Letchworth, Herts. SG6 1HN, England
- Mach. Des. (USA)** - (MADEAP)
Machine Design Penton/IPC Inc., Penton Plaza, Cleveland, OH 44114, USA
- Mach. Lloyd Int. (GB)** - (MLINCK)
Machinery Lloyd International Morgan Publications Ltd., 172-174 Kingston Road, Ewell, Surrey, England
- Macromol. Rev. (USA)** - (MCMRAL)
Macromolecular Reviews John Wiley & Son Inc., 605 Third Avenue, New York, NY 10016, USA
- Mag. Concr. Res. (GB)** - (MCOARV)
Magazine of Concrete Research Cement & Concrete Association, Wexham Springs, Slough SL3 6PL, England
- Mag. Geofiz. (Hungary)** - (MAGFA9)
Magyar Geofizika Lapkiado Vallalat, 1073 Budapest, Lenin korut 9-11, Hungary
- Magn. Gidrodin. (USSR)** - (MAGIAI)
Magnitnaya Gidrodinamika Akademiya Nauk Latvinskoi SSR, 'Zinatne', ul Smilshu 1, Riga 47, USSR [English translation in: *Magnetohydrodynamics (USA)*]
- Magn. Lett. (GB)** - (MALEDY)
Magnetism Letters Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Magn. Resonance Rev. (GB)** - (MRSRBL)
Magnetic Resonance Review Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Magnetohydrodynamics (USA)** - (MGHDAG)
Magnetohydrodynamics [Translation of: *Magn. Gidrodin. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Magy. Fiz. Foly. (Hungary)** - (MGFFAC)
Magyar Fizikai Folyoirat Alkotmany Utca 21 sz., 1363 Budapest 5, Hungary
- Manage. & Inf. Informa. (MNGIDA)**
Management e Italiana Franco Angeli Editore, Viale Monza 106, 20127 Milano, Italy
- Manage. Sci. (USA)** - (MSCIAM)
Management Science Institute of Management Sciences, 146 Westminster Street, Providence, RI 02903, USA
- Manage. Serv. (GB)** - (MASEDZ)
Management Services Formerly: *Work Study & Manage. Serv. (GB)* Institute of Management Services, 1 Cecil Court, London Road, Enfield, Middx EN2 6DD, England
- Manage. Serv. Gov. (GB)** - (MNSGBS)
Management Services in Government Civil Service Department, Management Services, Whitehall, London SW1A 2AZ, England
- Manage. Z. IO (Switzerland)** - (IIOODN)
Management Zeitschrift IO [Industrielle Organization] Verlag Industrielle Organisation, Zurichbergstrasse 18, CH-8028 Zurich, Switzerland
- Management (Denmark)** - (MMNEAN)
Management Teknisk Forlag A/S Skelbaekgade 4, 1717 Kobenhavn V, Denmark
- Mar. Behav. & Physiol. (GB)** - (MBPHAX)
Marine Behaviour and Physiology Gordon & Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Mar. Geophys. Res. (Netherlands)** - (MGYRA7)
Marine Geophysical Researches D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Mar. Pollut. Bull. (GB)** - (MPNBZ)
Marine Pollution Bulletin Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Mar. Technol. Soc. J. (USA)** - (MTSJBB)
Marine Technology Society Journal 1730 M Street N.W., Suite 412, Washington, DC 20036, USA
- Marconi Instrum. (GB)** - (MRCIAF)
Marconi Instrumentation Marconi Instruments Ltd., St. Albans, Herts, England
- Marconi Rev. (GB)** - (MARVAA)
Marconi Review Marconi Co., Marconi Research Laboratories, West Haningfield Road, Great Baddow, Essex CM2 8HN, England
- Maschinenmarkt (Germany)** - (MAMKAK)
Maschinenmarkt Vogel-Verlag, Postfach 67 40, 8700 Würzburg 1, Germany
- Maschinenschaden (Germany)** - (MSCNA3)
Der Maschinenschaden Allianz Versicherungs-AG, Koniginstrasse 28, Postfach 24, D-8000 München 44, Germany
- Mass Spectrosc. (Japan)** - (SHIBAK)
Mass Spectroscopy Mass Spectroscopy Society of Japan, c/o Department of Chemistry, Faculty of Liberal Arts and Sciences, University of Osaka Prefecture, Sakai-shi, Osaka, Japan
- Mat. Fiz. (USSR)** - (MAFIAD)
Matematicheskaya Fizika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Mat. Lapok (Hungary)** - (MTLPAR)
Matematikai Lapok Akademiai Kiado, 1054 Budapest, Alkotmany utca 21, Hungary
- Mat.-Fys. Medd. Dan. Vidensk. Selsk. (Denmark)** - (KDVSAC)
Matematisk-Fysiske Meddelelser Konglige Danske Videnskaberne Selskab Dantes Plads 5, DK-1556 Copenhagen V, Publisher: Munksgaard Ltd., 6 Norregade, DK-1165 Copenhagen K, Denmark
- Mater. Eval. (USA)** - (MAEVAD)
Materials Evaluation Society for Nondestructive Testing, 3200 Riverside Drive, Columbus, OH 43221, USA
- Mater. Handl. Eng. (USA)** - (MHENA4)
Material Handling Engineering Penton/IPC Inc., 614 Superior Avenue West, Cleveland, OH 44113, USA
- Mater. Res. AECL (Canada)** - (MRAEBS)
Materials Research in AECL Atomic Energy of Canada Ltd., Chalk River, Ontario, Canada
- Mater. Res. Bull. (USA)** - (MRBUAC)
Materials Research Bulletin Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Mater. Sci. & Eng. (Switzerland)** - (MSCEEA)
Material Science and Engineering Elsevier Sequoia S.A., P.O. Box 851, 1001-Lausanne 1, Switzerland
- Mater. Sci. (Poland)** - (MSCJDS)
Materials Science Wydawnictwo Politechniki Wroclawskiej, Wybrzeze Wyspiarskiego 27, 50-370 Wroclaw, Poland
- Mater. Semin. Kibernet. (USSR)** - (MSKBA7)
Materialy Seminara po Kibernetike Izdatel'stvo 'Shtiintsa', Kishinev, USSR
- Mater. Test. (Germany)** - (MTPRAJ)
Materials Testing VDI-Verlag GmbH, Graf-Recke-Strasse 84, Postfach 1139, 4 Dusseldorf 1, Germany
- Math. & Comput. Simulation (Netherlands)** - (MCSIDR)
Mathematics and Computers in Simulation North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Math. Balk. (Yugoslavia)** - (MTMBBP)
Matematika Balkanica Beograd, pp 550, Studentski trg 16, Yugoslavia
- Math. Biosci. (USA)** - (MABIAI)
Mathematical Biosciences Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Math. Comput. (USA)** - (MCMPAF)
Mathematics of Computation Published for the National Academy of Sciences National Research Council by the American Mathematical Society, P.O. Box 6248, Providence, RI 02904, USA
- Math. Oper. Res. (USA)** - (MOREDO)
Mathematics of Operations Research Operations Research Society of America, Business Office, 428 East Preston Street, Baltimore, MD 21202, USA. The Institute of Management Sciences, 146 Westminster Street, Providence, RI 02903
- Math. Operationsforsch. & Stat. Ser. Optimiz. (Germany)** - (OPTZDQ)
Mathematische Operationsforschung und Statistik Series Optimization Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Math. Operationsforsch. & Stat. Ser. Stat. (Germany)** - (MOSSDS)
Mathematische Operationsforschung und Statistik Series Statistics Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Math. Proc. Cambridge Philos. Soc. (GB)** - (MPCPCO)
Mathematical Proceedings of the Cambridge Philosophical Society Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- Math. Program. (Netherlands)** - (MHPGA4)
Mathematical Programming North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Math. Program. Stud. (Netherlands)** - (MPSTDF)
Mathematical Programming Studies North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Math. Slovaca (Czechoslovakia)** - (MASLDM)
Matematika Slovaca Publishing House VEDA of the Slovak Academy of Sciences, 895 30 Bratislava, Klemensova 19, Czechoslovakia
- Math. Spectrum (GB)** - (MSPEB8)
Mathematical Spectrum Applied Probability Trust. Editorial address: Hicks Building, The University, Sheffield, S3 7RH, England
- Math. Syst. Theory (USA)** - (MASTBA)
Mathematical Systems Theory Springer Verlag New York, 175 Fifth Avenue, New York, NY 10010, USA
- Matrix & Tensor Q. (GB)** - (MATQA5)
Matrix and Tensor Quarterly Tensor Society of Great Britain, The Lyon Playfair Library, Imperial College, London SW7 2AZ, England
- Mausam (India)** - (MAUSDJ)
Mausam Formerly: *Indian J. Meteorol. Hydrol. & Geophys.* India Meteorological Department, Publication address: Controller of Publications, Civil Lines, Delhi-110054, India
- Meas. & Control (GB)** - (MEACBX)
Measurement and Control Institute of Measurement & Control, 20 Peel Street, London, W8 7PD, England
- Meas. & Insp. Technol. (GB)** - (MINTD9)
Measurement and Inspection Technology IPC Industrial Press Ltd., Dorset House, Stamford Street, London SE1 9LU, England
- Meas. Tech. (USA)** - (MSTCAL)
Measurement Techniques [Translation of: *Izmer. Tekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Meccanica (Italy)** - (MECCB9)
Meccanica Pitagora Editrice, via Zamboni 57, 40126 Bologna, Italy
- Mech. & Mach. Theory (GB)** - (MHMTAS)
Mechanism and Machine Theory Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Mech. Autom. Adm. (Czechoslovakia)** - (MAUAAU)
Mechanizace Automatizace Administrativy SNTL, 113 02 Praha 1, Spalena 51, Czechoslovakia
- Mech. Compos. Mater. (USA)** - (MCMAD7)
Mechanics of Composite Materials Formerly: *Polym. Mech. (USA)* [Translation of: *Mekh. Kompozitsionnykh Mater. (USSR)*] Consultant Bureau, 227 West 17th Street, New York, NY 10011, USA
- Mech. Eng. (USA)** - (MEENAH)
Mechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Mech. Res. Commun. (GB)** - (MRCOD2)
Mechanics Research Communications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Mech. Solids (USA)** - (MESOBN)
Mechanics of Solids [Translation of: *Izv. Akad. Nauk SSSR Mekh. Tverd. Tela*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Mech. Teor. & Stosow. (Poland)** - (MTYSAX)
Mechanika Teoretyczna i Stosowana Polska Akademia Nauk, 00-049 Warszawa, Ul. Swietokrzyska 21, Poland

- Med. & Biol. Eng. & Comput. (GB)** - (MBECDY)
Medical & Biological Engineering & Computing Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Med. Inf. (GB)** - (MINFEDZ)
Medical Informatics - Medecine et Informatique Taylor & Francis Ltd., 10-14 Macklin Street, London WC2B 5NF, England
- Med. Instrum. (USA)** - (MLISBY)
Medical Instrumentation Association for the Advancement of Medical Instrumentation, 1901 North Fort Myer Drive, Suite 602, Arlington, VA 22209, USA
- Med. Phys. (USA)** - (MPHYA6)
Medical Physics Published for the American Association of Physicists in Medicine by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Med. Prog. Technol. (Germany)** - (MDPTBG)
Medical Progress Technology Springer-Verlag, D-1000 Berlin 33, Heidelberg Platz 3, Germany
- Med. Res. Eng. (USA)** - (MDREBF)
Medical Research Engineering Medical-Research-Technology, Woods Road, Great Notch, Little Falls, NJ 07424, USA
- Med. Tekh. (USSR)** - (MEDTBV)
Meditsinskaya Tekhnika Editorial address: All-Union Scientific-Research Institute of Medical Instruments, Moscow, USSR [English translation in: *Biomed. Eng. (USA)*]
- Meded. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium)** - (MKAWAW)
Mededelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België Palais der Academies, Hertogstraat 1, B-1000 Bruxelles, Belgium
- Medicamundi (Netherlands)** - (MEMUAA)
Medicamundi Philips Gloeilampenfabrieken, Eindhoven, Netherlands
- Medicor News (Hungary)** - (MENEED4)
Medicor News Publicity Department, P.O. Box 150, 1389 Budapest 62, Hungary
- Meiden Rev. (Int. Ed.) (Japan)** - (MREVDX)
Meiden Review (International Edition) Meidensha Electric Manufacturing Co. Ltd., New Ohtemachi Building, 2-1, 2-chome, Ohte-machi, Chiyoda-ku, Tokyo, Japan
- Mekh. & Avtom. Proizvod. (USSR)** - (MAVPAC)
Mekhanizatsiya i Avtomatizatsiya Proizvodstva Editorial address: Moskva K51, Tuynya ul. d 17, USSR
- Mekh. & Avtom. Upr. (USSR)** - (MAUPA7)
Mekhanizatsiya i Avtomatizatsiya Upravleniya Editorial address: 252171 Kiev, ul. Gor'kogo 180, USSR
- Mekh. Kompozitnykh Mater. (USSR)** - (MKMADT)
Mekhnika Kompozitnykh Materialov Formerly: *Mekh. Polim. (USSR)* Latvian Academy of Sciences, Riga, USSR [English translation in: *Mech. Compos. Mater. (USA)*]
- Mekh. Polim. (USSR)** - (MKPLA6)
Mekhnika Polimerov Title changed to: *Mekh. Kompozitnykh Mater. (USSR)*
- Mekh. Tverd. Tela (USSR)** - (MTVTBM)
Mekhnika Tverdogo Tela Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Mem. & Etud. Sci. Rev. Metall. (France)** - (MESMDJ)
Memoires et Etudes Scientifiques de la Revue de Metallurgie Formerly: *Mem. Sci. Rev. Metall. (France)* 1-5 rue Paul Cezanne, 75008 Paris, France
- Mem. Astron. Soc. India** - (MASIDD)
Memoirs of the Astronomical Society of India Issued with: *Bull. Astron. Soc. India*
- Mem. Chubu Inst. Technol. (Japan)** - (CHUMA5)
Memoirs Chubu Institute of Technology Publications Office, Chubu Institute of Technology, Kasugai, Nagoya-sub, 487, Japan
- Mem. Def. Acad. (Japan)** - (MDPCA7)
Memoirs of the Defense Academy Title changed to: *Mem. Natl. Def. Acad. (Japan)*
- Mem. Fac. Eng. Hiroshima Univ. (Japan)** - (MFEHA6)
Memoirs of the Faculty of Engineering, Hiroshima University 3-chome Sendamachi, Hiroshima City, Japan
- Mem. Fac. Eng. Hokkaido Univ. (Japan)** - (MEHUAJ)
Memoirs of the Faculty of Engineering, Hokkaido University, North 12, West 8, Sapporo, Japan
- Mem. Fac. Eng. Kobe Univ. (Japan)** - (MFEKAF)
Memoirs of the Faculty of Engineering, Kobe University Rokkodai-cho, Nada-ku, Kobe, Japan
- Mem. Fac. Eng. Kumamoto Univ. (Japan)** - (MEKMAA)
Memoirs of the Faculty of Engineering Kumamoto University University of Kumamoto, Faculty of Engineering, Kumamoto, Japan
- Mem. Fac. Eng. Kyoto Univ. (Japan)** - (MEKYAC)
Memoirs of the Faculty of Engineering, Kyoto University Kyoto, Japan
- Mem. Fac. Eng. Kyushu Univ. (Japan)** - (MEKSAS)
Memoirs of the Faculty of Engineering, Kyushu University Fukuoka, Kyushu, Japan
- Mem. Fac. Eng. Nagoya Univ. (Japan)** - (MENAAN)
Memoirs of the Faculty of Engineering, Nagoya University Furo-cho, Chikusa-ku, Nagoya, Japan
- Mem. Fac. Eng. Osaka City Univ. (Japan)** - (MFEOAR)
Memoirs of the Faculty of Engineering, Osaka City University 459 Sugimoto-cho, Sumiyoshi-ku, Osaka, Japan
- Mem. Fac. Ind. Arts Kyoto Tech. Univ. Sci. & Technol. (Japan)** - (MIAKAG)
Memoirs of the Faculty of Industrial Arts, Kyoto Technical University, Science and Technology Matsugasaki, Sakyo-ku, Kyoto 606, Japan
- Mem. Fac. Sci. Kyoto Univ. Ser. Phys. Astrophys. Geophys. Chem. (Japan)** - (MFKPAQ)
Memoirs of the Faculty of Science Kyoto University, Series of Physics, Astrophysics, Geophysics and Chemistry Kitashirakawa, Sakyo Ku, Kyoto, Japan
- Mem. Fac. Sci. Kyushu Univ. Ser. B (Japan)** - (MFKBAI)
Memoirs of the Faculty of Science, Kyushu University, Series B Fukuoka, Kyushu, Japan
- Mem. Fac. Sci. Kyushu Univ. Ser. C (Japan)** - (MFKCAL)
Memoirs of the Faculty of Science, Kyushu University, Series C Fukuoka, Kyushu, Japan
- Mem. Fac. Technol. Kanazawa Univ. (Japan)** - (KDKOAL)
Memoirs of the Faculty of Technology, Kanazawa University Kanazawa, Japan
- Mem. Fac. Technol. Tokyo Metrop. Univ. (Japan)** - (MTTMAO)
Memoirs of Faculty of Technology, Tokyo Metropolitan University Fukazawa 2-1-1, Setagaya, Tokyo, Japan
- Mem. Kyushu Inst. Technol. Eng. (Japan)** - (MKIEBJ)
Memoirs of the Kyushu Institute of Technology. Engineering Tobata, Kitakyushu, Japan
- Mem. Natl. Def. Acad. (Japan)** - (MNDEDH)
Memoires of the National Defense Academy Formerly: *Mem. Def. Acad. (Japan)* Hashirimizu 1-10-20, Yokosuka 239, Japan
- Mem. R. Astron. Soc. (GB)** - (MRYAAX)
Memoirs of the Royal Astronomical Society Burlington House, London W1V 0NL, England
- Mem. Res. Inst. Sci. & Eng. Ritsumeikan Univ. (Japan)** - (RDRKAJ)
Memoirs of the Research Institute of Science & Engineering Ritsumeikan University Kyoto, Japan
- Mem. Sci. Rev. Metall. (France)** - (MRMTAU)
Memoires Scientifiques de la Revue de Metallurgie Title changed to: *Mem. & Etud. Sci. Rev. Metall. (France)*
- Mem. Soc. Astron. Ital. (Italy)** - (MSATAB)
Memorie della Societa Astronomica Italiana Osservatorio Astronomico di Brera, Via Brera 28, 20121 Milano, Italy
- Mercury (USA)** - (MRCYAT)
Mercury Astronomical Society of the Pacific, 1290 24th Avenue, San Francisco, CA 94122, USA
- Mereri a Regulace (Czechoslovakia)** - (MERRAQ)
Mereri a Regulace Research Institute for Automation Systems Pluku 12a, Praha 8-Karlín, Czechoslovakia
- Meres & Autom. (Hungary)** - (MEAUAI)
Meres es Automatika Lapkiado Vallalat, Budapest VII, Lenin Korut 9-11, Hungary
- Mes. Regul. Autom. (France)** - (MRAUA7)
Mesures, Regulation, Automatisme 40 rue de Colisee, 75008 Paris, France
- Mess. & Pruef. (Germany)** - (MSPNBZ)
Messen & Pruefen Hans Holzman Verlag KG, 8939 Bad Worishofen, Gewerbestrasse 2, Postfach 460 und 480, Germany
- Met. & Mater. (GB)** - (MEMTA7)
Metals and Materials Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Met. Forum (Australia)** - (MEFODS)
Metals Forum Published for the Australasian Institute of Metals by: Pergamon Press Australia, 19a Boundary Street, Rushcutters Bay, N.S.W. 2011, Australia
- Met. Sci. & Heat Treat. (USA)** - (MHTRAN)
Metal Science and Heat Treatment [Translation of: *Metalloved. & Term. Obrab. Met. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Met. Sci. (GB)** - (METSC7)
Metal Science Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Metal. & Electr. (Spain)** - (MYELAF)
Metalurgia y Electricidad Metalurgia y Electricidad, Apartado de Correos 756, Madrid 10, Spain
- Metall. Trans. A (USA)** - (MTTABN)
Metallurgical Transactions A (Physical Metallurgy and Materials Science) Metallurgical Society of American Institute of Mining, Metallurgical & Petroleum Engineers Inc., P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA 15086, USA
- Metall. Trans. B (USA)** - (MTTBCR)
Metallurgical Transactions B (Process Metallurgy) Metallurgical Society of American Institute of Mining, Metallurgical & Petroleum Engineers, P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA 15086, USA
- Metallofizika, Kiev (USSR)** - (MFIZAC)
Metallofizika Izdatel'stvo 'Naukova Dumka', 252601 Kiev, GSP, Repina 3, USSR
- Metallography (USA)** - (MEIJAP)
Metallography Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Metalloved. & Term. Obrab. Met. (USSR)** - (MTOMAX)
Metallovedenie i Termicheskaya Obrabotka Metallov Moskva, GSP-110, Prospekt Mira 106, USSR [English translation in: *Met. Sci. & Heat Treat. (USA)*]
- Metalwork. Prod. (GB)** - (MWPDAW)
Metalworking Production Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England
- Meteoritics (USA)** - (MERTAW)
Meteoritics Published jointly by The Meteoritical Society and Arizona State University Bureau of Publications, USA. Editorial address: Center for Meteorite Studies, Arizona State University, Tempe, Ariz. 85281
- Meteorol. & Gidrol. (USSR)** - (MEGIAC)
Meteorologiya i Gidrologiya 123376 Moskva, D-376, Bol'shevistskaya Ul., D.13 Komn. 114, USSR [English translation in: *Sov. Meteorol. & Hydrol. (USA)*]
- Meteorol. Ann. (Norway)** - (MEANAV)
Meteorologiske Annaler Norske Meteorologiske Institutt (i samarbeid med Universitetets Institutt for Teoretisk Meteorologi), Norway
- Meteorol. Mag. (GB)** - (MTMGAS)
Meteorological Magazine Director General Meteorological Office, London Road, Bracknell, Berks RG12 2SZ, England
- Meteorol. Rundsch. (Germany)** - (MERUAZ)
Meteorologische Rundschau Gebr. Borntraeger, D-7000 Stuttgart 1, Johannestrasse 3A, Germany
- Methods Inf. Med. (Germany)** - (MIMCAL)
Methods of Information in Medicine F.K. Schattauer Verlag GmbH, 7 Stuttgart 1, Postfach 2945, Lenzhalde 3, Germany
- Metrika (Austria)** - (MTRKKA)
Metrika Physica-Verlag Rudolf Liebig K.G., A-1010 Wien, Seilerstasse 18 (Hofels), Austria
- Metrol. & Insp. (GB)** - (MEOIAI)
Metrology and Inspection IPC International Press Ltd., 33-40 Bowling Green Lane, London, EC1R 0NE, England
- Metrol. Apl. (Romania)** - (MAPBA8)
Metrologia Aplicata Editorial address: Institutul National de Metrologie, Sos. Vitan-Birzesti Nr 11, Sector 5, Bucuresti, Romania
- Metrologia (Germany)** - (MTRGAU)
Metrologia Springer-Verlag, Heidelberg Platz 3, D-1000 Berlin 33, Germany
- Micomp (Switzerland)** - (MCMCPDI)
Micomp Drapalik-Verlag, Eichstrasse 24, CH-8045 Zurich, Switzerland

- Microcomput. Anal. (GB)** - (MCANDK)
Microcomputer Analysis Mackintosh Publications Ltd., Mackintosh House, Luton LU1 1RG, England
- Microdoc (GB)** - (MICDB6)
Microdoc Microfilm Association of Great Britain, 8, High Street, Guildford GU2 5AJ, England
- Microelectron. & Reliab. (GB)** - (MCRLAS)
Microelectronics and Reliability Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Microelectron. J. (GB)** - (MICEB9)
Microelectronics Journal Mackintosh Publications Ltd., Mackintosh House, Napier Road, Luton, Beds. LU1 1RG, England
- Microform Rev. (USA)** - (MFRVAB)
Microform Review Microform Review Inc., 520 Riverside Avenue, P.O. Box 405, Saugatuck Station, Westport, CT 06880, USA
- Micron (GB)** - (MICNBS2)
Micron Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Microprocess. & Microsyst. (GB)** - (MIMID5)
Microprocessors and Microsystems IPC Science and Technology Press Ltd., Westbury House, Bury Street, Guildford GU2 5AW, Surrey, England
- Microprocess. Work (Switzerland)** - (MWORD4)
Microprocessors at Work Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- Microsc. Acta (Germany)** - (MSACCU)
Microscopica Acta S. Hirzel Verlag, 7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
- Microscope (GB)** - (MICRAD)
Microscope Microscope Publications Ltd., 28 Southway, Carshalton Beeches, Surrey SM5 4HW, England
- Microtecnic (Switzerland)** - (MITCAJ)
Microtecnic Agifa Verlag AG, Universitätsstrasse 94, Postfach 257, CH-8033 Zurich, Switzerland
- Microwave J. (USA)** - (MCWJAD)
Microwave Journal 610 Washington Street, Dedham Plaza, Dedham, MA 02026, USA
- Microwaves (USA)** - (MCRWAR)
Microwaves Hayden Publishing Co., 50 Essex Street, Rochelle Park, NJ 07662, USA
- Mikroelektronika (USSR)** - (MKETA9)
Mikroelektronika Akademiya Nauk SSSR, Moskva, USSR [English translation in: *Sov. Microelectron.* (USA)]
- Mikrowellen Mag. (Germany)** - (MKMGDD)
Mikrowellen Magazin Sprechsaal-Verlag, P.O. Box 401, D-8630 Coburg, Germany
- Mil. Electron./Countermeas. (USA)** - (MELCDM)
Military Electronics/Countermeasures Hamilton Burr Publishing Co., 2065 Martin Avenue, Suite 104, Santa Clara, CA 95050, USA
- Min. Technol. (GB)** - (MNGTBT)
Mining Technology Association of Mining Electrical & Mechanical Engineers Marylebone Press Ltd., 25 Cross Street, Manchester M2 1WL, England
- Mini-Micro Software (GB)** - (MMSFDK)
Mini-Micro Software A.P. Publications Ltd., 322 St. John Street, London EC1V 4QH, England
- Mini-Micro Syst. (USA)** - (MISYDF)
Mini-Micro Systems Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA
- Minicomput. News (USA)** - (MINNDP)
Minicomputer News Title changed to: *Comput. Times (USA)*
- Minicomput. Rev. (USA)** - (MINRD3)
Minicomputer Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA
- Minor Planet Circ. (USA)** - (MPCIB2)
Minor Planet Circulars/Minor Planets and Comets Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, USA
- Minoseg & Megbizhatosag (Hungary)** - (MMMEDL)
Minoseg & Megbizhatosag KGM MTTI, 1372 Budapest V, October 6 V21, Hungary. Subscription address: Kultura, Budapest 1, Fo u. 32
- Mitsubishi Denki Gihō (Japan)** - (MTDNFA)
Mitsubishi Denki Gihō Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan
- Mitsubishi Denki Lab. Rep. (Japan)** - (MDLRAN)
Mitsubishi Denki Laboratory Reports Research Laboratory, Mitsubishi Electric Manufacturing Company, Amagasaki, Japan
- Mitsubishi Electr. Adv. (Japan)** - (MEADD4)
Mitsubishi Electric Advance Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan
- Mitsui Tech. Rev. (Japan)** - (MIZGAR)
Mitsui Technical Review Title changed to: *Mitsui Zosen Tech. Rev. (Japan)*
- Mitt. AGEN (Switzerland)** - (AENMAT)
Mitteilungen der Arbeitsgemeinschaft für Elektrische Nachrichtentechnik der Stiftung Hasler-Werke, Bern Geschäftsstelle der AGEN Institut für Technische Physik, ETH-Aussenstation, Honggerberg Postfach, 8049 Zurich, Switzerland
- Mitt. Astron. Ges. (Germany)** - (MASGC6)
Mitteilungen der Astronomischen Gesellschaft Astronomisches Institut der Universität Tübingen, Tübingen, Germany
- Mitt. Max-Planck-Ges. (Germany)** - (MMPGA5)
Mitteilungen aus der Max-Planck-Gesellschaft München 1, Residenzstrasse 1a, Eingang Hofgartenstrasse, Postfach 647, Germany
- Mod. Geol. (GB)** - (MOGEB3)
Modern Geology Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Mod. Mach. Shop (USA)** - (MMASAY)
Modern Machine Shop Gardner Publications Inc., 600 Main Street, Cincinnati, OH 45202, USA
- Mod. Mater. Handl. (USA)** - (MMHHA2)
Modern Materials Handling Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA
- Mod. Off. & Data Manage. (Australia)** - (MODMDE)
Modern Office & Data Management Rydge Publications Pty. Ltd., 74 Clarence Street, Sydney, N.S.W. 2001, Australia
- Mod. Power & Eng. (Canada)** - (MPENAQ)
Modern Power and Engineering Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Mod. Railw. (GB)** - (MORABC)
Modern Railways Ian Allan, Terminal House, Shepperton, Middx., TW17 8AS, England
- Modeling, Identification & Control (Norway)** - (MIDCDA)
Modeling, Identification and Control Royal Norwegian Council for Scientific and Industrial Research, Division of Engineering Cybernetics, NTH, N-7034 Trondheim, Norway
- Mol. Cryst. & Liq. Cryst. (GB)** - (MCLCA5)
Molecular Crystals and Liquid Crystals Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2N 4DE, England
- Mol. Cryst. & Liq. Cryst. Lett. (GB)** - (MCLCA5)
Molecular Crystals and Liquid Crystals Letters Gordon & Breach Science Publishers Ltd. 41 & 42 William IV Street, London, WC2, England
- Mol. Phys. (GB)** - (MOPHAM)
Molecular Physics Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Mon. Not. R. Astron. Soc. (GB)** - (MNRAA4)
Monthly Notices of the Royal Astronomical Society Burlington House, London, W1V 0NL, England
- Mon. Notes Astron. Soc. South Afr. (S. Africa)** - (MASAAK)
Monthly Notes of the Astronomical Society of Southern Africa South African Astronomical Observatory, P.O. Box 9, Observatory, Cape, South Africa
- Mon. Tech. Rev. (Germany)** - (MTCRAM)
Monthly Technical Review VEB Verlag Technik, Oranienburger Strasse 13/14, DDR 102 Berlin, Germany
- Monitor (Australia)** - (MONIDI)
Monitor Institution of Radio & Electronics Engineers Australia, Science Centre, 35-43 Clarence Street, Sydney, NSW 2000, Australia
- Monogr. Res. Inst. Appl. Electr. (Japan)** - (MSHUAJ)
Monograph of the Research Institute of Applied Electricity Research Institute of Applied Electricity, Hokkaido University, Sapporo 060, Japan
- Moon & Planets (Netherlands)** - (MOPLD3)
Moon and the Planets D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- Morsk. Gidrofiz. Issled. (USSR)** - (MGFIBM)
Morskije Gidrofizicheskie Issledovaniya Akademiya Nauk UkSSR, Morskije Gidrofizicheskie Institut, Sevastopol, USSR
- Moscow Univ. Comput. Math. & Cybern. (USA)** - (MUCTD4)
Moscow University Computational Mathematics and Cybernetics [Translation of: *Vestn. Mosk. Univ. Ser. 15 (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Moscow Univ. Phys. Bull. (USA)** - (MUPBAC)
Moscow University Physics Bulletin [Translation of: *Vestn. Mosk. Univ. Ser. 3 (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Mot. Ship (GB)** - (MOSHA3)
Motor Ship IPC Business Press Ltd., Dorset House, Stamford Street, London SE1 9LU, England
- MSN Microwave Syst. News (USA)** - (MWSNA9)
MSN Microwave Systems News EW Communications Inc., 1170 East Meadow Drive, Palo Alto, CA 94303, USA
- MSR (Mess. Steuern Regeln) (Germany)** - (MSRGAN)
MSR (Messen Steuern Regeln) VEB Verlag Technik, DDR 102 Berlin, Oranienburger Strasse 13/14, Germany
- MT Meerestechnik (Germany)** - (MRTKA4)
MT Meerestechnik (Marine Technology) VDI-Verlag, 4 Dusseldorf 1, Graf-Recke-Strasse 84, Postfach 1139, Germany
- Multidisciplinary Res. (USA)** - (MRINCS)
Multidisciplinary Research International Multidisciplinary Research Association, Editorial address: Physiology Section, Blake College, 300 Jefferson Street, Eugene, OR 97403, USA
- Mundo Electron. (Spain)** - (MUELNCN)
Mundo Electronico Boixareau Editores, Avda. Jose Antonio 594, 2 Barcelona 7, Spain
- N. Z. Energy J. (New Zealand)** - (NZEJDU)
New Zealand Energy Journal Technical Publications Ltd., 127 Molesworth Street, P.O. Box 3047, Wellington, New Zealand
- N. Z. J. Sci. (New Zealand)** - (NZJSAB)
New Zealand Journal of Science Department of Scientific and Industrial Research, Private Bag, Wellington, New Zealand
- N.Z. Eng. (New Zealand)** - (NZENAS)
New Zealand Engineering (Journal of the New Zealand Institution of Engineers) Technical Publications, 4th Floor, Molesworth House, 101 Molesworth Street, GPO Box 12-241, Wellington, New Zealand
- Nachr. Dok. (Germany)** - (NADOAW)
Nachrichten für Dokumentation Deutsche Gesellschaft für Dokumentation, 6000 Frankfurt am Main, Westendstrasse 19, Germany
- Nachr. Elektron. (Germany)** - (NAELDV)
Nachrichten Elektronik Elektro-Welt-Verlag Dr. Huthig, D-6900 Heidelberg 1, Postfach 102869, Wilckensstrasse 3/5, Germany
- Nachr. Telefonbau & Normalzeit (Germany)** - (NTNZAA)
Nachrichten der Telefonbau und Normalzeit Postfach 2369, 6 Frankfurt am Main 1, Germany
- Nachrichtentech. Elektron. (Germany)** - (NTELAP)
Nachrichtentechnik Elektronik VEB Verlag Technik, DDR 102 Berlin, Oranienburger Strasse 13/14, Germany
- Nachrichtentech. Z. (NTZ) (Germany)** - (NAZEAA)
Nachrichtentechnische Zeitschrift VDE-Verlag GmbH, Bismarckstrasse 33, 1000 Berlin 12, Germany
- NASA Tech Briefs (USA)** - (NATBD8)
NASA Tech Briefs NASA Technology Utilization Program, Technology Transfer Division, P.O. Box 8757, Baltimore/Washington International Airport, MD 21240, USA. NASA states that 'back-up information, technical data, etc., is normally available only to U.S. users.'
- Nat. Resour. Forum (Netherlands)** - (NRSFAT)
Natural Resources Forum D. Reidel Publishing Co., P.O. Box 17, 3300 AA Dordrecht, Netherlands
- Natl. Acad. Sci. Lett. (India)** - (NASLDX)
National Academy Science Letters National Academy of Sciences, India, 5-Lajpat Rai Road, Allahabad 21 10 02, India
- Natl. Electron. Rev. (GB)** - (NEREBX)
National Electronics Review National Electronics Council, Abell House, John Islip Street, London, SW1P 4LN, England
- Natl. Tech. Rep. (Japan)** - (NTRQAV)
National Technical Report Matsushita Electric Ind. Co. Ltd., Moriguchi, Osaka, Japan

Nature (GB) - (NATUAS)

Nature Macmillan Journals Ltd., 4 Little Essex Street, London WC2R 3LF, England

Naturwissenschaften (Germany) - (NATWAY)

Die Naturwissenschaften Springer-Verlag, Heidelberger Platz 3, D1000 Berlin 3, Germany

Nauchno-Tekh. Inf. Ser. 1 (USSR) - (NTOMAA)

Nauchno-Tekhnicheskaya Informatsiya, Seriya 1 Baltiiskaya ul., D 14, 125219 Moskva, USSR

Nauchno-Tekh. Inf. Ser. 2 (USSR) - (NIPSBP)

Nauchno-Tekhnicheskaya Informatsiya, Seriya 2 Baltiiskaya ul., D 14, 125219 Moskva, USSR

Nauk. & Inf. (USSR) - (NVIFB8)

Naukovedenie i Informatika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR

Nav. Res. (GB) - (NRLQAR)

Naval Research Logistics Quarterly Office of Naval Research, Arlington, VA 22217, USA. Subscription address: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

Nav. Res. Rev. (USA) - (NARRA9)

Naval Research Reviews Department of the Navy, Office of Naval Research, Arlington, VA 22217, USA

Navigation (France) - (NVGNAL)

Navigation Institut Français de Navigation, 3 avenue Octave-Greard, Paris 7, France

Navigation (USA) - (NAVIB3)

Navigation. Journal of the Institute of Navigation Institute of Navigation, Suite 832, 815 15th Street, N.W., Washington, DC 20005, USA

NDT Int. (GB) - (NDETA5)

NDT International IPC Science & Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England

NEC Res. & Dev. (Japan) - (NECRAU)

NEC Research and Development Nippon Electric Co., 7-15 Shiba Gochome, Minato-ku, Tokyo, Japan

Ned. Tijdschr. Natuurkd. A (Netherlands) - (NTNAD6)

Nederlands Tijdschrift voor Natuurkunde A Formerly: *Ned. Tijdschr. Natuurkd. (Netherlands)* Nederlandse Natuurkundige Vereniging, Princetonplein 5, 3508 TA Utrecht, Netherlands

NEI Rev. (GB) - (NEIRD7)

NEI Review Northern Engineering Industries Ltd., Hebburn, Tyne & Wear NE31 1UP, England

Network (GB) - (NETWDV)

Network 121 Derby Road, Canning Circus, Nottingham, England

Network (USA) - (NWRKA6)

Network. International Communications in Library Automation Association for Library Automation Research Communications, P.O. Box 27235, Tempe, AZ 85282, USA. Larc Press Ltd., 105-117 West Fourth Avenue, Peoria, IL 61602

Networks (USA) - (NTWKAA)

Networks Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA

Neue Tech. (Switzerland) - (NETEA8)

Neue Technik Verlag Neue Technik, Bahnhofstrasse 848, Postfach 283, CH-9410 Heiden, Switzerland

Neue Tech. Buero (Germany) - (NTBUB4)

Neue Technik im Büro (Journal of Data Processing and Office Machines) VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13-14, Germany

New Electron. (GB) - (NWEALC)

New Electronics Juniper Journals Ltd., 49/50 Hatton Garden, London, EC1N 8XS, England

New Phys. (Korean Phys. Soc.) - (NWPYA4)

New Physics (Korean Physical Society) Seoul, Korea

New Sci. (GB) - (NWSCL)

New Scientist New Science Publications, King's Reach Tower, Stamford Street, London SE1 9LS, England

News Rohde & Schwarz (Germany) - (NROSAE)

News from Rohde and Schwarz Rohde and Schwarz, Muhlendorfstrasse 15, Postfach 801469, 8000 Munich 80, Germany

News. NEA Data Bank (France) - (NNEBDO)

Newsletter of the NEA Data Bank Nuclear Energy Agency, NEA Data Bank, B.P. No. 9 (Bat. 45), F-91190 Gif sur Yvette, France

NHK Lab. Note (Japan) - (NHKLAS)

NHK Laboratories Note Nippon Hoso Kyokai, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan

NHK Tech. J. (Japan) - (NHKTAT)

NHK Technical Journal NHK Technical Research Laboratories, Broadcasting Science Research Laboratories, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan

NHK Tech. Monogr. (Japan) - (NHOKAM)

NHK Technical Monograph Nippon Hoso Kyokai (Japan Broadcasting Corporation), 361 Kinuta-machi, Setagaya-ku, Tokyo, Japan

Noise & Vib. Control Worldwide (GB) - (NVCWDV)

Noise & Vibration Control Worldwide Formerly: *Noise Control Vib. Isol. (GB)* Trade & Technical Press Ltd., Crown House, Morden, Surrey SM4 5EW, England

Noise Control Eng. (USA) - (NCEGAR)

Noise Control Engineering Institute of Noise Control Engineering. Editorial address: Ray W. Herrick Laboratories, Purdue University, West Lafayette, IN 47907, USA

Noise Control Vib. Isol. (GB) - (NCISDI)

Noise Control, Vibration Isolation Title changed to: *Noise & Vib. Control Worldwide (GB)*

Nonlinear Anal. Theory, Methods & Appl. (GB) - (NOANDD)

Nonlinear Analysis Theory, Methods & Applications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Nonlinear Vib. Probl. (Poland) - (NLVBAA)

Nonlinear Vibration Problems (Zagadnienia Drgan Nieliniowych) Editorial address: 00-049 Warszawa, Swietokrzyska 21, Poland

Norelco Rep. (USA) - (NORRA5)

Norelco Reporter Philips Electronic Instruments, 85 McKee Drive, Mahwah, NJ 07430, USA

NORMA Tech. Inf. (Austria) - (NRTIBA)

NORMA Technische Informationen NORMA Messtechnik Gesellschaft m.b.H., A-1111 Wien, Postfach 88, Fickeystrasse 1-11, Austria

Not. Ist. Autom. Univ. Roma (Italy) - (NIAUAN)

Notiziario dell'Istituto di Automatica dell'Università di Roma Università Degli Studi, Città Universitaria, Rome, Italy

Note Recens. & Not. (Italy) - (NRNOAV)

Note Recensioni e Notizie Istituto Superiore Poste Telecomunicazioni, Viale Trastevere 189, Roma, Italy

Notre Dame J. Formal Logic (USA) - (NDJFAM)

Notre Dame Journal of Formal Logic University of Notre Dame, P.O. Box 5, Notre Dame, IN 46556, USA

Nouv. Autom. (France) - (NOAUDY)

Nouvel Automatismes AFCEI, 41 rue de la Grange-aux-Belles, 75483 Paris Cedex 10, France

Nouv. J. Chim. (France) - (NJCHD4)

Nouveau Journal de Chimie CDR Centrale des Revues, 70 rue de Saint-Mande, B.P. No. 119, 93104 Montreuil Cedex, France

NTG-Fachber. (Germany) - (NTGFDK)

NTG-Fachberichte VDE-Verlag GmbH, 1000 Berlin 12, Bismarckstrasse 33, Germany

Nucl. Data Sheets (USA) - (NDTSBA)

Nuclear Data Sheets Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA

Nucl. Energy (GB) - (NUEGAH)

Nuclear Energy British Nuclear Energy Society, 1-7 Great George Street, London SW1P 3AA, England

Nucl. Eng. & Des. (Netherlands) - (NEDEAU)

Nuclear Engineering and Design North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands

Nucl. Eng. (GB) - (NUEND7)

Nuclear Engineer Formerly: *J. Inst. Nucl. Eng. (GB)* Institution of Nuclear Engineers, 1 Pennerly Road, London SE6 2LQ, England

Nucl. Eng. Int. (GB) - (NEINBF)

Nuclear Engineering International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England

Nucl. Fusion (Austria) - (NUFUUA)

Nuclear Fusion (Fusion Nucleaire - Yadernyi Sintex Fusion Nuclear) Journal of Plasma Physics and Thermonuclear Fusion International Atomic Energy Agency, Karntnering 11, P.O. Box 590, A-1011 Wien, Austria

Nucl. Instrum. & Methods (Netherlands) - (NUIMAL)

Nuclear Instruments and Methods North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands

Nucl. Mater. Manage. (USA) - (NUMMB8)

Nuclear Materials Management Title changed to: *J. Inst. Nucl. Mater. Manage. (USA)*

Nucl. News (USA) - (NUNWA8)

Nuclear News American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA

Nucl. Phys. A (Netherlands) - (NUPABL)

Nuclear Physics A North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands

Nucl. Phys. B (Netherlands) - (NUPBBO)

Nuclear Physics B North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands

Nucl. Sci. & Eng. (USA) - (NSENAO)

Nuclear Science and Engineering American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA

Nucl. Technol. (USA) - (NUTYBB)

Nuclear Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA

Nucl. Tracks Methods Instrum. & Appl. (GB) - (NUTRDQ)

Nuclear Tracks, Methods, Instruments and Applications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Nucleus (Pakistan) - (NCLEAM)

Nucleus Pakistan Atomic Energy Commission, P.O. Box 3112, Karachi-29, Pakistan

Nukleonika (Poland) - (NUKLAS)

Nukleonika Polska Akademia Nauk, 00-901 Warszawa, Polac Kultury i Nauki, Poland

Numer. Funct. Anal. & Optimiz. (USA) - (NFAODL)

Numerical Functional Analysis and Optimization Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA

Numer. Heat Transfer (USA) - (NUHTD6)

Numerical Heat Transfer McGraw-Hill International Book Co., 1221 Avenue of the Americas, New York, NY 10020, USA

Numer. Math. (Germany) - (NUMMA7)

Numerische Mathematik Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany

Nuovo Cimento A (Italy) - (NIFAAM)

Il Nuovo Cimento. A Società Italiana di Fisica, viale XII Guigno 1, 40124 Bologna, Italy

Nuovo Cimento B (Italy) - (NIFBAP)

Il Nuovo Cimento. B Società Italiana di Fisica, viale XII Guigno 1, 40124 Bologna, Italy

Nuovo Cimento C (Italy) - (NIFCAS)

Il Nuovo Cimento C Società Italiana di Fisica, viale XII Guigno 1, 40124 Bologna, Italy

Observatory (GB) - (OBSEAR)

Observatory Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex BN27 1RP, England

Occup. Health & Saf. (USA) - (OHSADQ)

Occupational Health and Safety Medical Publications Inc., P.O. Box 7573, Waco, TX 76710, USA

Ocean Eng. (GB) - (OCENBQ)

Ocean Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Oceanol. Acta (France) - (OCACD9)

Océanologica Acta Centrale des Revues Dunod-Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France

Oceanology (USA) - (ONLGAE)

Oceanology [Translation of: *Okeanologiya (USSR)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA

Oelhydraul. & Pneum. (Germany) - (OEPNAQ)

Ölhydraulik und Pneumatik Krauskopf-Verlag für Wirtschaft GmbH, Lessingstrasse 12-14, Postfach 2760, 65 Mainz, Germany

OEM Des. (GB) - (OEMDAF)

OEM Design Mercury House Business Publications, Mercury House, Waterloo Road, London, SE1 8UL, England

Oesterr. Ing.-Z. (Austria) - (OSIZAN)

Oesterreichische Ingenieur-Zeitschrift Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria

Oesterr. Z. Elektrizitätswirtsch. (OEZE) (Austria) - (OZELAA)

Oesterreichische Zeitschrift für Elektrizitätswirtschaft Springer-Verlag, Molkerbastei 5, Postfach 357, A 1011 Wien, Austria

- Offshore Serv. (GB)** - (OFSVA4)
Offshore Services Spearhead Publications Ltd., 55-59 Fife Road, Kingston-upon-Thames, Surrey, England
- Ogneupory (USSR)** - (OGNPA2)
Ogneupory Moskva G-34, 2-i, Obl'denskii, rep. 14, USSR [English translation in: *Refractories (USA)*]
- Okeanologiya (USSR)** - (OKNOAR)
Okeanologiya 2 ya Tilografiya Iadatel'stva 'Nauka', Moskva, Shchybiiskii lep. 10, USSR [English translation in: *Oceanology (USA)*]
- Omega (GB)** - (OMEGA6)
Omega Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Onde Electr. (France)** - (ONELAS)
L'Onde Electrique Masson et Cie, 120 bd. Saint-Germaine, 75280 Paris Cedex 06, France
- Online (USA)** - (ONLIDN)
Online Online Inc., Department 1A, 11 Tannery Lane, Weston, CT 06883, USA
- Online Rev. (GB)** - (OLREDR)
Online Review Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5BP, England
- Online-ADL-Nachr. (Germany)** - (OANADK)
Online-ADL-Nachrichten Title changed to: *Online (Germany)*
- Open (Netherlands)** - (OPNNBQ)
Open N.V. Uitgeverij Maatschappij AE. E. Kluwer, Postbus 23, Deventer, Netherlands
- Oper. Res. (USA)** - (OPREAL)
Operations Research Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Oper. Res. Verfahren-Methods Oper. Res. (Germany)** - (ORVEAL)
Operations Research Verfahren-Methods of Operations Research Title changed to: *Methods Oper. Res. (Germany)*
- Oper. Syst. Rev. (USA)** - (OSRED8)
Operating Systems Review Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Opsearch (India)** - (OPSEAN)
Opsearch Operational Research Society of India. Editorial address: Indian Statistical Institute, 7 SJS Sansanal Marg, New Delhi - 110029, India
- Opt. & Laser Technol. (GB)** - (OLTCAS)
Optics and Laser Technology Formerly: *Opt. Technol. (GB)* IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Opt. & Quantum Electron. (GB)** - (OQELDI)
Optical and Quantum Electronics Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England
- Opt. & Spectrosc. (USA)** - (OPSUA3)
Optics and Spectroscopy [Translation of: *Opt. & Spektrosk. (USSR)*] Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Opt. & Spektrosk. (USSR)** - (OSFMA3)
Optika i Spektroskopiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Opt. & Spectrosc. (USA)*]
- Opt. Acta (GB)** - (OPACAT)
Optica Acta Taylor and Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Opt. Appl. (Poland)** - (OPAPBZ)
Optica Applicata Wrocław Technical University Press, 50-370 Wrocław, Wybrzeże Wyspiańskiego 27, Poland
- Opt. Commun. (Netherlands)** - (OPCOB8)
Optics Communications North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Opt. Eng. (USA)** - (OPEGAR)
Optical Engineering Society of Photo-Optical Instrumentation Engineers, P.O. Box 10, 405 Fieldston Road, Bellingham, WA 98225, USA
- Opt. Lett. (USA)** - (OPLEDP)
Optics Letters Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Opt. Pura & Apl. (Spain)** - (OPAPAY)
Optica Pura y Aplicada Serrano 121, Madrid 6, Spain
- Opt. Spectra (USA)** - (OPTSA2)
Optical Spectra Optical Publishing Co., Inc., Berkshire Common, P.O. Box 1146, Pittsfield, MA 01201, USA
- Opt.-Mekh. Prom.-st. (USSR)** - (OPMPAQ)
Optiko-Mekhanicheskaya Promyshlennost' Vasilov Optical Research Institute, Kaluzhskoye Chaussee 32, Moskva, USSR [English translation in: *Sov. J. Opt. Technol. (USA)*]
- Optik (Germany)** - (OTIKAJ)
Optik Wissenschaftliche Verlagsgesellschaft, D-7000 Stuttgart 1, Postfach 40, Germany
- Optimal Control Appl. & Methods (GB)** - (OCAMD5)
Optimal Control Applications & Methods John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- OR Spektrum (Germany)** - (ORSPD5)
OR Spektrum Springer-Verlag, 3 Heidelberger Platz, D-1000 Berlin 33, Germany
- Origins of Life (Netherlands)** - (OGLFAU)
Origins of Life D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- ORSA/TIMS Bull. (USA)** - (TIMBDR)
ORSA/TIMS Bulletin Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Oss. & Mem. Oss. Astrofis. Arcetri (Italy)** - (OMOAA4)
Osservazioni e Memorie dell'Osservatorio Astrofisico di Arcetri Università Degli Studi di Firenze, Firenze, Italy
- Otbor & Peredacha Inf. (USSR)** - (OTPIAE)
Otbor i Peredacha Informatsii Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Output (Switzerland)** - (OUTPDV)
Output Fachpresse Goldach Hudson & Co., CH-9403 Goldach, Switzerland
- Oxid. Met. (USA)** - (OXMEAF)
Oxidation of Metals Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Oyo Buturi (Japan)** - (OYBSA9)
Oyo Buturi Japan Society of Applied Physics, Room No. 209-2, Kikai-Shinko Building, 3 Shiba-Koen, Minato-ku, Tokyo, Japan
- Pak. J. Sci. & Ind. Res. (Pakistan)** - (PSIRAA)
Pakistan Journal of Scientific and Industrial Research Pakistan Council of Scientific and Industrial Research, 39 Garden Road, Karachi 3, Pakistan
- Pak. J. Sci. (Pakistan)** - (PAJSAS)
Pakistan Journal of Science Pakistan Association for the Advancement of Science, 14 Shah Jamal Scheme, Lahore 12, Pakistan
- Pak. J. Sci. Res. (Pakistan)** - (PJSRAV)
Pakistan Journal of Scientific Research Pakistan Association for the Advancement of Science, 14 Shah Jamal Scheme, Lahore 12, Pakistan
- Part. & Nucl. (USA)** - (PANUAK)
Particles and Nuclei Fazl-i-Umar Research Institute Inc., P.O. Box 338, Athens, OH 45701, USA
- Part. Accel. (GB)** - (PLACBD)
Particle Accelerators Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Pattern Recognition (GB)** - (PTNRA8)
Pattern Recognition Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Performance Eval. Rev. (USA)** - (PEREDN)
Performance Evaluation Review Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Period. Math. Hung. (Hungary)** - (PMHGAW)
Periodica Mathematica Hungarica Akademiai Kiado, Alkotmany U 21, 1054 Budapest, Hungary
- Period. Polytech. Electr. Eng. (Hungary)** - (PPYTA7)
Periodica Polytechnica (Electrical Engineering/Elektrotechnik) Kultura, H-1389 Budapest, P.O.B. 149, Hungary
- Pers. Comput. World (GB)** - (PCWODU)
Personal Computer World Sports Science Publishers (PCW) Ltd., 14 Rathbone Place, London W1P 1DE, England
- Phase Transitions (GB)** - (PHTRDP)
Phase Transitions Gordon and Breach Science Publishers Ltd., 42 William IV Street, London WC2N 4DE, England
- Philips J. Res. (Netherlands)** - (PHJRD9)
Philips Journal of Research Philips Research Laboratories, Building WBP, Room No. 42, Eindhoven, Netherlands
- Philips Tech. Rev. (Netherlands)** - (PTREAN)
Philips Technical Review Research Laboratories N.V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands
- Philips Telecommun. Rev. (Netherlands)** - (PTLRAW)
Philips Telecommunication Review Philips' Telecommunicatie Industrie B.V., P.O. Box 82, Hilversum, Netherlands
- Philos. Mag. A (GB)** - (PMAADG)
Philosophical Magazine A (Physics of Condensed Matter, Defects and Mechanical Properties) Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Philos. Mag. B (GB)** - (PMABDJ)
Philosophical Magazine B (Physics of Condensed Matter, Electronic, Optical and Magnetic Properties) Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Philos. Sci. (USA)** - (PHSCA6)
Philosophy of Science Philosophy of Science Association, 18 Morrill Hall, Department of Philosophy, Michigan State University, East Lansing, MI 48823, USA
- Philos. Trans. R. Soc. London A (GB)** - (PTRMAD)
Philosophical Transactions of the Royal Society of London A (Mathematical and Physical Sciences) 6 Carlton House Terrace, London SW1Y 5AG, England
- Photogr. Sci. & Eng. (USA)** - (PSENAC)
Photographic Science and Engineering Society of Photographic Scientists and Engineers, Suite 204, 1330 Massachusetts Avenue N.W., Washington, DC 20005, USA
- Photogramm. Eng. & Remote Sensing (USA)** - (PERSDV)
Photogrammetric Engineering and Remote Sensing American Society of Photogrammetry, 105 North Virginia Avenue, Falls Church, VA 22046, USA
- Phys. & Chem. Glasses (GB)** - (PCGLA6)
Physics and Chemistry of Glasses (Section B of the Journal of the Society of Glass Technology) Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, England
- Phys. & Chem. Liq. (GB)** - (PCLQAC)
Physics and Chemistry of Liquids Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England
- Phys. & Chem. Miner. (Germany)** - (PCMIDU)
Physics and Chemistry of Minerals Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Phys. Bl. (Germany)** - (PHBLAG)
Physikalische Blätter Physik-Verlag GmbH, D-6940 Weinheim/Bergstrasse, Pappelallee 3, PB 1260-80, Germany
- Phys. Bull. (GB)** - (PHSBB4)
Physics Bulletin Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- Phys. Earth & Planet. Inter. (Netherlands)** - (PEPIAM)
Physics of the Earth and Planetary Interiors North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Phys. Educ. (GB)** - (PHEDA7)
Physics Education Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- Phys. Energ. Fortis & Phys. Nucl. (China)** - (KNWLD9)
Physica Energiae Fortis et Physica Nuclearis Science Press, Peking, People's Republic of China. Subscription address: Guozu Shudian, P.P. Box 399, Peking
- Phys. Fluids (USA)** - (PFLDAS)
Physics of Fluids American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Lett. A (Netherlands)** - (PYLAAG)
Physics Letters A North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Phys. Lett. B (Netherlands)** - (PYLBAJ)
Physics Letters B North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Phys. Med. & Biol. (GB)** - (PHMBA7)
Physics in Medicine and Biology Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- Phys. Met. & Metallogr. (GB)** - (PHMMA6)
Physics of Metals and Metallography [Translation of: *Fiz. Met. & Metalloved. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

- Phys. Rep. (Netherlands)** - (PRPLCM)
Physics Reports North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Phys. Rev. A (USA)** - (PLRAAN)
Physical Review A (General Physics) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. B (USA)** - (PRBMDO)
Physical Review B (Condensed Matter) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. C (USA)** - (PRVCAN)
Physical Review C (Nuclear Physics) Formerly: *Phys. Rev. (USA)* Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. D (USA)** - (PRVDAQ)
Physical Review D (Particles and Fields) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. Lett. (USA)** - (PRLTAO)
Physical Review Letters Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Scr. (Sweden)** - (PHSTBO)
Physica Scripta Royal Swedish Academy of Sciences, S-104 05 Stockholm 50, Sweden
- Phys. Status Solidi a (Germany)** - (PSSABA)
Physica Status Solidi A Akademie-Verlag, DDR 108 Berlin, Leipziger Strasse 3-4, Germany
- Phys. Status Solidi b (Germany)** - (PSSBBD)
Physica Status Solidi b Akademie-Verlag, DDR 108 Berlin, Leipzigerstrasse 3-4, Germany
- Phys. Teach. (USA)** - (PHTEAH)
Physics Teacher American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Technol. (GB)** - (PHYTBK)
Physics in Technology Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England
- Phys. Today (USA)** - (PHTOAD)
Physics Today American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Physica A (Netherlands)** - (PHYSAG)
Physica A North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Physica B & C (Netherlands)** - (PHBCDQ)
Physica B & C North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Physica D (Netherlands)** - (PDNPDT)
Physica D North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Physiol. Chem. & Phys. (USA)** - (PLCHB4)
Physiological Chemistry and Physics Pacific Press Inc., G.P.O. Box 2044, New York, NY 10001, USA
- Pis'ma v Astron. Zh. (USSR)** - (PAZHDA)
Pis'ma v Astronomicheskii Zhurnal Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Astron. Lett. (USA)*]
- Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)** - (PZETAB)
Pis'ma v Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki Formerly: *Zh. Eksp. & Teor. Fiz. Pis'ma v Red. (USSR)* Akademiya Nauk SSSR, Leningki Prospekt 14, Moskva, USSR [English translation in: *JETP Lett. (USA)*]
- Pis'ma v Zh. Tekh. Fiz. (USSR)** - (PZTFDD)
Pis'ma v Zhurnal Tekhnicheskoi Fiziki Izdatel'stvo 'Nauka', Leningrad, USSR [English translation in: *Sov. Tech. Phys. Lett. (USA)*]
- Planet. & Space Sci. (GB)** - (PLSSAE)
Planetary and Space Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Planseeber. Pulvermetall. (Austria)** - (PLPUA5)
Planseeberichte zur Pulvermetallurgie Postfach 74, 6600 Reutte, Austria
- Plant Eng. (GB)** - (PLEGAA)
Plant Engineer Institution of Plant Engineers, 138 Buckingham Palace Road, London, SW1W 9SG, England. Batiste Publication Ltd., Drummond House, 203-209 Gower Street, London, NW1
- Plasma Phys. (GB)** - (PLPHBZ)
Plasma Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Plast. & Rubber Int. (GB)** - (PRUID5)
Plastics and Rubber International Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, England
- Plast. & Rubber Mater. & Appl. (GB)** - (PLRUDI)
Plastics and Rubber Materials and Applications Published for the Plastics and Rubber Institute by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Plast. & Rubber Process. (GB)** - (PRUPDQ)
Plastics and Rubber Processing Published for the Plastics and Rubber Institute by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Plast. Eng. (USA)** - (PLEGBB)
Plastics Engineering Society of Plastics Engineers Inc., 656 West Putnam Avenue, Greenwich, CT 06830, USA
- Plaste & Kautsch. (Germany)** - (PLKAAM)
Plaste und Kautschuk VEB Deutscher Verlag für Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany
- Plat. & Surf. Finish. (USA)** - (PSFMDH)
Plating and Surface Finishing American Electroplaters' Society Inc., 1201 Louisiana Avenue, Winter Park, FL 32789, USA
- Podstawy Sterowania (Poland)** - (PDSTAT)
Podstawy Sterowania Zakład Systemów Automatyki Kompleksowej PAN, Gliwice, ul. Zwycięstwa 21, Poland
- Pol. Mach. Ind. Offers (Poland)** - (PMIODU)
Polish Machine Industry Offers AGPOL-EXPORTPRESS, 00-008 Warszawa, Marszałkowska 124, Poland
- Pol. Tech. Rev. (Poland)** - (PTRWA9)
Polish Technical Review 00-950 Warszawa, Czackiego 3/5, P.O.B. 1004, Poland
- Polim. Tworzywa Wielkocząsteczkowe (Poland)** - (POLIA4)
Polimery Tworzywa Wielkocząsteczkowe Instytut Tworzyw Sztucznych, ul. Rydygiera 8, Warszawa 86, Poland
- Pollut. Eng. (USA)** - (PLENBW)
Pollution Engineering Technical Publishing Co., 1301 S. Grove Ave., Barrington, IL 60010, USA
- Poluprovodn. Tekh. & Mikroelektron. (USSR)** - (PTMUAC)
Poluprovodnikovaya Tekhnika i Mikroelektronika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Polym. Bull. (Germany)** - (POBUDR)
Polymer Bulletin Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany
- Polym. Eng. & Sci. (USA)** - (PYESAZ)
Polymer Engineering and Science Society of Plastics Engineers Inc., 14 Fairfield Drive, Brookfield Center, CT 06805, USA
- Polym. Mech. (USA)** - (PLYMAQ)
Polymer Mechanics Title changed to: *Mech. Compos. Mater. (USA)*
- Polym. News (GB)** - (PLYNBU)
Polymer News Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Polym. Sci. USSR (GB)** - (PYSCAN)
Polymer Science U.S.S.R. [Translation of: *Vysokomol. Soedin. Ser. A (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Polymer (GB)** - (POLMAG)
Polymer IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5AW, England
- Polytech. Tijdschr. Bouwk. Wegen- & Waterbouw (Netherlands)** - (PTAWAQ)
Polytechnisch Tijdschrift Bouwkunde Wegen-en Waterbouw Stam Tijdschriften BV, Oranjestraat 8, Postbus 375, 2501 BG Den Haag, Netherlands
- Polytech. Tijdschr. Elektrotech. Elektron. (Netherlands)** - (PTEEBR)
Polytechnisch Tijdschrift Elektrotechniek Elektronica Stam Tijdschriften B.V., Oranjestraat 8, Postbus 375, 2501 BG Den Haag, Netherlands
- Polytech. Tijdschr. Procestech. (Netherlands)** - (PTPTBP)
Polytechnisch Tijdschrift Procestechiek Stam Tijdschriften BV, Oranjestraat 8, Postbus 375, 2502 BG Den Haag, Netherlands
- Polytech. Tijdschr. Werktuigbouw (Netherlands)** - (PTWTAP)
Polytechnisch Tijdschrift Werktuigbouw Stam Tijdschriften B.V., Postbus 375, Oranjestraat 8, Den Haag, Netherlands
- Pomiary Autom. Kontrola (Poland)** - (PAUKAP)
Pomiary Automatyka Kontrola Wydawnictwa Czasopism Technicznych NOT, ul. Czackiego 3/5, Warszawa 1, Poland
- Pop. Comput. (USA)** - (POCODE)
Popular Computing Box 272, Calabasas, CA 91302, USA
- Poroshk. Metall. (USSR)** - (PMANAI)
Poroshkovaya Metallurgiya Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR [English translation in: *Sov. Powder Metall. & Met. Ceram. (USA)*]
- Port. Phys. (Portugal)** - (POPYA4)
Portugaliae Physica Sociedade Portuguesa de Fisica, Avenida de Republica, 37-40, 1000 Lisboa, Portugal
- Post Off. Electr. Eng. J. (GB)** - (POEJ6A)
Post Office Electrical Engineers' Journal GPO, 2-12 Gresham Street, London, EC2V 7AG, England
- Post Off. Telecommun. J. (GB)** - (PTLJA8)
Post Office Telecommunications Journal Title changed to: *Br. Telecom J. (GB)*
- Postepy Astron. (Poland)** - (PYAIJA)
Postepy Astronomii Export-Import Enterprise "Ruch", ul. Wilcza 46, P.O. Box 154, Warszawa, Poland
- Postepy Fiz. (Poland)** - (PSTFAT)
Postepy Fizyki Polskie Towarzystwo Fizyczne, 00-681 Warszawa, ul. Hoza 69, Poland
- Powder Metall. (GB)** - (PWMTAU)
Powder Metallurgy Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Powder Metall. Int. (Germany)** - (PWMIBW)
Powder Metallurgy International Verlag Schmidt GmbH, D-78 Freiburg, P.O. Box 1722, Germany
- Powder Technol. (Switzerland)** - (POTEBX)
Powder Technology Elsevier Sequoia S.A., P.O. Box 851 1001 Lausanne 1, Switzerland
- Power (USA)** - (POWEAD)
Power McGraw-Hill Inc., 1221 Avenue of the Americas, New York, NY 10020, USA
- Power Eng. (Acad. Sci. USSR) (USA)** - (POENDL)
Power Engineering - Academy of Sciences of the USSR [Translation of: *Izv. Akad. Nauk SSSR Eng. & Transp.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Power Eng. (USA)** - (POENAI)
Power Engineering Technical Publishing Co., 1301 South Grove Avenue, Barrington, IL 60010, USA
- PowerConvers. Int. (USA)** - (POWIDS)
PowerConversion International Intertec Communications Inc., 2909 Ocean Drive, Oxnard, CA 93030, USA
- Pr. Inst. Elektrotech. (Poland)** - (PIELA4)
Prace Instytutu Elektrotechniki Instytut Elektrotechniki, ul. Pozaryskiego 28, Warszawa-Miedzylesie, Poland
- Pr. Inst. Łączności (Poland)** - (PIŁZAD)
Prace Instytutu Łączności Ul. Szachowa 1, Miedzyszyn, Warszawa, Poland
- Pr. Inst. Tele- & Radiotech. (Poland)** - (PITRAT)
Prace Instytutu Tele- i Radiotechnicznego Ul. Ratuszowa 11, Warszawa, Poland
- Pr. Nauk. Inst. Metrol. Elektr. Politech. Wrocław. Ser. Konf. (Poland)** - (PNIKDP)
Prace Naukowe Instytutu Metrologii Elektrycznej Politechniki Wrocławskiej Seria: Konferencje Wydawnictwo Politechniki Wrocławskiej, Wybrzeże Wyspiańskiego 27, 50-370 Wrocław, Poland
- Pr. Nauk. Inst. Technol. Elektron. Politech. Wrocław. Ser. Monogr. (Poland)** - (PNIITBG)
Prace Naukowe Instytutu Technologii Elektronowej Politechniki Wrocławskiej, Seria Monografii Wydawnictwo Politechniki Wrocławskiej, Wybrzeże Wyspiańskiego 27, 50-370 Wrocław, Poland
- Pr. Ośrodk. Badań-Rozwojowego Elektron. Proźniowej (Poland)** - (POBRCH)
Prace Ośrodka Badań-Rozwojowego Elektroniki Proźniowej Editorial address: 00-241 Warszawa, ul. Długa 44/50, Poland
- Pr. Przem. Inst. Elektron. (Poland)** - (PPIEAI)
Prace Przemysłowego Instytutu Elektroniki Ul. Długa 44/50, Warszawa, Poland

- Pr. Przem. Inst. Telekomun. (Poland) - (PPITAT)**
Prace Przemysłowego Instytutu Telekomunikacji Editorial address: Skrytka Pocztaowa Nr. 7, ul. Poligonowa 30, Warszawa 26, Poland
- Pract. Comput. (GB) - (PRCDDZ)**
Practical Computing IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London SE1 9LU, England
- Pract. Electron. (GB) - (PRELBY)**
Practical Electronics IPC Magazines Ltd., Oakfield House, Perrymount Road, Haywards Heath, West Sussex RH16 3DH, England
- Pract. Wireless (GB) - (PRWIBD)**
Practical Wireless IPC Magazines Ltd., Fleetway House, Farringdon Street, London, EC4A 4AD, England
- Prague Bull. Math. Linguist. (Czechoslovakia) - (PBMLAT)**
Prague Bulletin of Mathematical Linguistics Algebraic Linguistics, Faculty of Mathematics and Physics, Charles University, Malostranské 25, 118 00 Prague 1, Czechoslovakia. Editorial address: Laboratory of Algebraic Linguistics, Praha 1, Malostranské nam. 25
- Prakt. Metallgr. (Germany) - (PMTLAS)**
Praktische Metallographie (Practical Metallography) Dr. Riederer-Verlag GmbH, d-7000 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany
- Pramana (India) - (PRAMCI)**
Pramana Indian Academy of Sciences, Bangalore 560006, India
- Príb. & Sist. Upr. (USSR) - (PRSUBT)**
Príbyi i Sistemy Upravleniya Moscow. IGSP-110, Prospekt Mira 106, Komm. 5, USSR
- Príb. & Tekh. Eksp. (USSR) - (PRTEAJ)**
Príbyi i Tekhnika Eksperimenta Agent: Mezhdunarodnaya Kniga Moskva, USSR [English translation in: *Instrum. & Exp. Tech. (USA)*]
- Price Waterhouse Rev. (USA) - (PWTRBQ)**
Price Waterhouse Review Price Waterhouse & Co., 1251 Avenue of the Americas, New York, NY 10020, USA
- Príkl. Geofiz. (USSR) - (PGVGAQ)**
Príkladnaya Geofizika Izdatel'stvo 'Nedra', Moskva, K-12, Tret'yakovskii Proezd 1/19, USSR
- Príkl. Mat. & Mekh. (USSR) - (PMAMAF)**
Príkladnaya Matematika i Mekhanika Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva. Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Appl. Math. & Mech. (USA)*]
- Príkl. Mat. & Program. (USSR) - (PMPGA4)**
Príkladnaya Matematika i Programirovanie Izdatel'stvo 'Shtiintsa', Kishinev, USSR
- Príkl. Mekh. (USSR) - (PKMKAL)**
Príkladnaya Mekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR [English translation in: *Sov. Appl. Mech. (USA)*]
- Printout (GB) - (PRNODM)**
Printout Printout Publications, Greenacre House, North Street, Theale, Berks. RG7 5EX, England
- Priroda (USSR) - (PRIRA3)**
Priroda Izdatel'stvo 'Nauka', Moskva G-99, Shubinskii Per. 10, USSR
- Probl. Bioniki (USSR) - (PBNKAV)**
Problemy Bioniki Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Probl. Control & Inf. Theory (Engl. Transl. Pap. Russ.) (Hungary) - (PUTIAI)**
Problems of Control and Information Theory (English Translation of the Papers in Russian) Issued with: *Probl. Control & Inf. Theory (Hungary)*
- Probl. Control & Inf. Theory (Hungary) - (PUTIAI)**
Problems of Control and Information Theory Akademiai Kiado, Budapest 1363, P.O. Box 24, Hungary
- Probl. Inf. & Doc. (Romania) - (PIDCA6)**
Probleme de Informare si Documentare Institutul Central de Documentare Tehnica, Bucuresti, Str. Cosmonautilor nr. 27-29, Sectorul 1, Rumania
- Probl. Inf. Transm. (USA) - (PRITA9)**
Problems of Information Transmission [Translation of: *Probl. Peredachi Inf. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Probl. Kibern. (USSR) - (PRKIAK)**
Problemy Kibernetiki Izdatel'stvo 'Nauka', Moskva, v-71, Leninskii Prospekt 15, USSR
- Probl. Peredachi Inf. (USSR) - (PPDIA5)**
Problemy Peredachi Informatsii Moskva. E-24, Aviamotornaya 8, Korp. 2, USSR [English translation in: *Probl. Inf. Transm. (USA)*]
- Probl. Prochn. (USSR) - (PPCNBG)**
Problemy Prochnosti Editorial address: Academy of Sciences of the Ukrainian SSR, Kiev, USSR [English translation in: *Strength Mater. (USA)*]
- Probl. Tekh. Elektroind. (USSR) - (PTEDAN)**
Problemy Tekhnicheskoi Elektroindinamiki Title changed to: *Tekh. Elektroind. (USSR)*
- Probl. Tekh. Kibern. (Bulgaria) - (PTKID3)**
Problemy na Tekhnicheskata Kibernetika Institute of Engineering Cybernetics, 1113 Sofia, Acad. G. Bonchev Street, Bl. IV, Bulgaria
- Proc. (Tr.) P.N. Lebedev Phys. Inst. (USA)**
Proceedings (Trudy) of the P.N. Lebedev Physics Institute [Translation of: *Tr. Ordena Lenina Fiz. Inst. Im. P.N. Lebedeva (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Proc. Astron. Soc. Aust. (Australia) - (AAUPBC)**
Proceedings of the Astronomical Society of Australia University Grounds, Sydney, N.S.W., Australia
- Proc. Br. Ceram. Soc. (GB) - (PBRCAR)**
Proceedings of the British Ceramic Society Shelton House, Stoke-on-Trent, England
- Proc. Cosmic-Ray Res. Lab. Nagoya Univ. (Japan) - (MUKKDH)**
Proceedings of the Cosmic-Ray Research Laboratory of Nagoya University Cosmic Ray Research Laboratory and Department of Physics, Nagoya University, Chikusa-ku, Nagoya, Japan
- Proc. Egypt. Acad. Sci. - (PEASAB)**
Proceedings of the Egyptian Academy of Sciences 'Dar el Hikma', 42 Qasr el Aini Street, Cairo, Egypt
- Proc. IEEE (USA) - (IEEPAD)**
Proceedings of the IEEE Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- Proc. Indian Acad. Sci. Chem. Sci. - (PIAADM)**
Proceedings of the Indian Academy of Sciences, Chemical Sciences Bangalore 560 080, India
- Proc. Indian Acad. Sci. Earth & Planet. Sci. - (PIESDS)**
Proceedings of the Indian Academy of Sciences, Earth and Planetary Sciences Bangalore 560 006, India
- Proc. Indian Acad. Sci. Eng. Sci. - (PRISD9)**
Proceedings of the Indian Academy of Sciences, Engineering Sciences Formerly: *Proc. Indian Acad. Sci. Sect. C* Bangalore 560 080, India
- Proc. Indian Acad. Sci. Math. Sci. - (PIAMDO)**
Proceedings of the Indian Academy of Sciences, Mathematical Sciences Bangalore 560 080, India
- Proc. Indian Acad. Sci. Sect. A - (PISAA7)**
Proceedings of the Indian Academy of Sciences Section A Bangalore 560006, India. Journal split into three sections: *Proc. Indian Acad. Sci. Chem. Sci.*, *Proc. Indian Acad. Sci. Math. Sci.*, and *Proc. Indian Acad. Sci. Earth & Planet. Sci.*
- Proc. Indian Acad. Sci. Sect. C - (PIASD8)**
Proceedings of the Indian Academy of Sciences, Section C: Engineering Sciences Title changed to: *Proc. Indian Acad. Sci. Eng. Sci.*
- Proc. Indian Assoc. Cultiv. Sci. - (PICSAF)**
Proceedings of the Indian Association for Cultivation of Sciences Issued with: *Indian J. Phys.*
- Proc. Indian Natl. Sci. Acad. Part A - (PIPSBD)**
Proceedings of the Indian National Science Academy, Part A Bahadur Shah Zafar Marg, New Delhi 110 002, India
- Proc. Inst. Electr. Eng. (GB) - (PIEEAH)**
Proceedings of the Institution of Electrical Engineers Institution of Electrical Engineers, Savoy Place, London, WC2R 0BL, England. Changed title to *IEE Proc. (GB)*
- Proc. Inst. Mech. Eng. (GB) - (PIMLAA)**
Proceedings of the Institution of Mechanical Engineers 1 Birdcage Walk, London SW1H 9JJ, England
- Proc. Inst. Railw. Signal Eng. (GB) - (PRWEAY)**
Proceedings of the Institution of Railway Signal Engineers Room 534, British Transport Commission, 222 Marylebone Road, London, NW1, England
- Proc. Iowa Acad. Sci. (USA) - (PIAIA9)**
Proceedings of the Iowa Academy of Science University of Northern Iowa, Cedar Falls, IA 50613, USA
- Proc. IREE Aust. (Australia) - (PRAUA6)**
Proceedings of the IREE Australia Institution of Radio and Electronics Engineers Australia, Science Centre, 35-43 Clarence Street, Sydney, N.S.W. 2000, Australia
- Proc. Jpn. Acad. Ser. A (Japan) - (PJAADT)**
Proceedings of the Japan Academy, Series A, Mathematical Sciences Ueno Park, Tokyo 110, Japan
- Proc. Jpn. Acad. Ser. B (Japan) - (PJABDW)**
Proceedings of the Japan Academy, Series B, Physical and Biological Sciences Ueno Park, Tokyo 110, Japan
- Proc. K. Ned. Akad. Wet. Ser. B (Netherlands) - (KNWBAA)**
Proceedings, Koninklijke Nederlandse Akademie van Wetenschappen, Series B (Physical Sciences) North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Proc. Leeds Philos. & Lit. Soc. (GB) - (PIOAAL)**
Proceedings of the Leeds Philosophical and Literary Society The University, Leeds, England
- Proc. Natl. Acad. Sci. India Sect. A - (PAIAA3)**
Proceedings of the National Academy of Sciences of India. Section A (Physical Sciences) 5 Lajpatrai Road, Allahabad-2, India
- Proc. Natl. Acad. Sci. USA - (PNASA6)**
Proceedings of the National Academy of Sciences of the United States of America 2101 Constitution Avenue, Washington, DC 20418, USA
- Proc. R. Inst. GB - (PIGBAI)**
Proceedings of the Royal Institution of Great Britain 21 Albemarle Street, London W1, England
- Proc. R. Ir. Acad. Sect. A (Ireland) - (PRIAAK)**
Proceedings of the Royal Irish Academy, Section A (Mathematical, Astronomical and Physical Science) 19 Dawson Street, Dublin 2, Ireland
- Proc. R. Soc. Edinburgh Sect. A (GB) - (PREAAY)**
Proceedings of the Royal Society of Edinburgh, Section A (Mathematical and Physical Sciences) 22 George Street, Edinburgh EH2 2PQ, Scotland
- Proc. R. Soc. London Ser. A (GB) - (PRLAAZ)**
Proceedings of the Royal Society of London. Series A (Mathematical and Physical Sciences) 6 Carlton House Terrace, London SW1Y 5AG, England
- Proc. R. Soc. Victoria (Australia) - (PRSVAV)**
Proceedings of the Royal Society of Victoria Royal Society's Hall, 9 Victoria Street, Melbourne, 3000 Victoria, Australia
- Proc. Radio Club Am. (USA) - (PRCAA0)**
Proceedings of the Radio Club of America Radio Club of America Inc., Fred Shuman, 933 East Seventh Street, Plainfield, NJ 07062, USA
- Proc. Res. Inst. Atmos. Nagoya Univ. (Japan) - (PATUAG)**
Proceedings of the Research Institute of Atmospheric Nagoya University Nagoya University, 13 Honohara, 3 Chome, Toyokawa 442, Japan
- Proc. S.I.D. (USA) - (SIDPAA)**
Proceedings of the S.I.D. Society for Information Display, 654 North Sepulveda Boulevard, Los Angeles, CA 90049, USA
- Proc. Soc. Photo-Opt. Instrum. Eng. (USA) - (SPIECJ)**
Proceedings of the Society of Photo-Optical Instrumentation Engineers 405 Fieldston Road, Bellingham, WA 98225, USA
- Proc. Univ. Newcastle-upon-Tyne Philos. Soc. (GB) - (PUNSAI)**
Proceedings of the University of Newcastle-upon-Tyne Philosophical Society Newcastle-upon-Tyne, England
- Process Autom. (Germany) - (PPAUDT)**
Process Automation R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, D-8000 München 80, Germany
- Process Eng. (GB) - (PSEGAP)**
Process Engineering Morgan Grampian Process Press Ltd., 30 Calderwood Street, London SE18 6QH, England
- Process Eng. (Germany) - (PROEDV)**
Process Engineering Spechsaal-Verlag, Mauver 2, 8630 Coburg, Germany
- Prod. Eng. (USA) - (PENG09)**
Production Engineering Penton/IPC Inc., Penton Plaza, 1111 Chester Avenue, Cleveland, OH 44144, USA
- Prog. Aerosp. Sci. (GB) - (PAESD6)**
Progress in Aerospace Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Anal. At. Spectrosc. (GB) - (PAASDK)**
Progress in Analytical Atomic Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Biophys. & Mol. Biol. (GB) - (PBIMAC)**
Progress in Biophysics & Molecular Biology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Cryst. Growth & Charact. (GB) - (PCGCDG)**
Progress in Crystal Growth and Characterization Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

- Prog. Mater. Sci. (GB)** - (PRMSAQ)
Progress in Materials Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Nucl. Energy New Ser. (GB)** - (PNENDE)
Progress in Nuclear Energy, New Series Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Nucl. Magn. Resonance Spectrosc. (GB)** - (PNMRAT)
Progress in Nuclear Magnetic Resonance Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Oceanogr. (GB)** - (POCNAB)
Progress in Oceanography Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Part. & Nucl. Phys. (GB)** - (PPNPDB)
Progress in Particle and Nuclear Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Polym. Sci. (GB)** - (PRPSB8)
Progress in Polymer Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Quantum Electron. (GB)** - (PQUEAH)
Progress in Quantum Electronics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Solid State Chem. (GB)** - (PSSTAW)
Progress in Solid State Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Surf. Sci. (GB)** - (PSSFBP)
Progress in Surface Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Prog. Theor. Phys. (Japan)** - (PTPKAV)
Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan
- Prog. Theor. Phys. Suppl. (Japan)** - (PTPSAL)
Supplement of the Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan
- Program (GB)** - (PRGMBD)
Program Aslib, 3 Belgrave Square, London SW1X 8PL, England
- Program. & Comput. Software (USA)** - (PCSODA)
Programming and Computer Software [Translation of: *Programmirovaniye (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Program. Learn. & Educ. Technol. (GB)** - (PLETAF)
Programmed Learning and Educational Technology Kogan Page Ltd., Builder House, 4 Catherine Street, London WC2B 4JN, England
- Programmirovaniye (USSR)** - (PROGDS)
Programmirovaniye Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Program. & Comput. Software (USA)*]
- Prom. Energ. (USSR)** - (PREGAI)
Promyshlennaya Energetika Editorial address: 103012 Moskva, B. Cherkasskii pr. 2/10, USSR
- Prosthet. & Orthotics Int. (Denmark)** - (POIND7)
Prosthetics and Orthotics International International Society for Prosthetics and Orthotics (ISPO), P.O. Box 42, DK-2900 Hellerup, Denmark
- Przegl. Elektrotech. (Poland)** - (PZELAZ)
Przegląd Elektrotechniczny Czackiego 3/5, 00-043, Warszawa, Poland
- Przegl. Telekomun. (Poland)** - (PZTKAP)
Przegląd Telekomunikacyjny Editorial address: Ul. Barbary 2, pokój 606, 00 686 Warszawa, Poland
- PTT-Bedr. (Netherlands)** - (PTBDA8)
PTT-Bedrijf Direction Centrale des PTT, 12 Kortenaerkade, Den Haag, Netherlands
- Publ. Astron. Soc. Jpn. (Japan)** - (PASJAC)
Publications of the Astronomical Society of Japan Tokyo Astronomical Observatory, Mitaka, Tokyo, Japan
- Publ. Astron. Soc. Pac. (USA)** - (PASPAU)
Publications of the Astronomical Society of the Pacific Astronomical Society of the Pacific, 1290 24th Avenue, San Francisco, CA 94122, USA
- Publ. Dom. Astrophys. Obs. (Canada)** - (PDAOA0)
Publications of the Dominion Astrophysical Observatory, Victoria, British Columbia Dominion Astrophysical Observatory, Victoria, B.C., Canada
- Publ. Earth Phys. Branch Dep. Energy Mines & Resour. (Canada)** - (PEPBB2)
Publications of the Earth Physics Branch Department of Energy, Mines and Resources 1 Observatory Crescent, Ottawa K1A 0Y3, Canada
- Publ. Elektroteh. Fak. Ser. Elektron. Telekomun. Autom. (Yugoslavia)** - (PEFADJ)
Publikacije Elektrotehnickog Fakulteta Serija : Elektronika, Telekomunikacije, Automatika Odsjek za Elektroniku, Elektrotehnicki Fakultet, 11001 Beograd, Postanski fah 816, Yugoslavia
- Publ. Elektroteh. Fak. Ser. Mat. & Fiz. (Yugoslavia)** - (PEUBAQ)
Publikacije Elektrotehnickog Fakulteta Serija : Matematika i Fizika Katedra Matematike, Elektrotehnicki Fakultet, 11001 Beograd, Postanski fah 816, Yugoslavia
- Publ. Inst. R. Meteorol. Belg. Ser. A (Belgium)** - (PMBAA1)
Publications, Institut Royal Meteorologique de Belgique. Serie A, format in 4 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium
- Publ. Inst. R. Meteorol. Belg. Ser. B (Belgium)** - (PMBBAL)
Publications, Institut Royal Meteorologique de Belgique. Serie B, format in 8 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium
- Publ. R. Obs. Edinburgh (GB)** - (PRYOA6)
Publications of the Royal Observatory Edinburgh Edinburgh EH9 3HJ, Scotland
- Public Light. (GB)** - (PULIAC)
Public Lighting Association of Public Lighting Engineers, Buckingham Court, 78 Buckingham Gate, London, SW1E 6PF, England
- Pulp & Pap. Can. (Canada)** - (PPCADD)
Pulp & Paper Canada National Business Publications Ltd., 310 Victoria Avenue, Westmount, PQ. H3Z 2M9, Canada
- Pure & Appl. Chem. (GB)** - (PACHAS)
Pure and Applied Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Pure & Appl. Geophys. (Switzerland)** - (PAGYAV)
Pure and Applied Geophysics Birkhauser Verlag, CH-4010 Basel, Eliazabethenstrasse 19, Switzerland
- Q. Bull. Int. Assoc. Agric. Libr. & Doc. (Netherlands)** - (QBALAE)
Quarterly Bulletin of the International Association of Agricultural Librarians and Documentalists Editorial address: "de Hulle", Hullepad 14, Lunteren, Netherlands
- Q. Colorado Sch. Mines (USA)** - (QCSMAC)
Quarterly of the Colorado School of Mines Golden, CO 80401, USA
- Q. J. Mech. & Appl. Math. (GB)** - (QJMMAV)
Quarterly Journal of Mechanics and Applied Mathematics Oxford University Press, Ely House, London, W1, England
- Q. J. R. Astron. Soc. (GB)** - (QJRAAK)
Quarterly Journal of the Royal Astronomical Society Burlington House, London, W1V 0NL, England
- Q. J. R. Meteorol. Soc. (GB)** - (QJRMAM)
Quarterly Journal of the Royal Meteorological Society Cromwell House, High Street, Bracknell, Berks, England
- Q. Rep. Railw. Tech. Res. Inst. (Japan)** - (QRTIA8)
Quarterly Report of the Railway Technical Research Institute Railway Technical Institute, JNR, Kunitachi, P.O. Box 9, Tokyo, Japan
- Quaest. Inf. (S. Africa)** - (QUIFBD2)
Quaestiones Informaticae Systems Publishers (Pty) Ltd., Box 31720, Braamfontein, Transvaal, South Africa
- Qual. & Zuverlässigkeit (Germany)** - (QLZVAZ)
Qualität und Zuverlässigkeit Carl Hanser Verlag, D-8000 München 90, Kolbergerstrasse 22, Germany
- Qual. Assur. (GB)** - (QUASDZ)
Quality Assurance Institute of Quality Assurance, 54 Princes Gate, Exhibition Road, London, SW7 2PG, England
- Qual. Prog. (USA)** - (QUPRB3)
Quality Progress American Society for Quality Control, 161 West Wisconsin Avenue, Milwaukee, WI 53203, USA
- Qualite Rev. Prat. Controle Ind. (France)** - (RCOIAP)
Qualite Revue Pratique de Controle Industriel Editions Ampere, 46 Rue Ampere, 75017 Paris, France
- Quaternary Res. (USA)** - (QRESAV)
Quaternary Research Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- R & D Manage. (GB)** - (RDMAAW)
R & D Management Basil Blackwell Publications, 108 Cowley Road, Oxford, OX4 1JF, England
- R. Greenwich Obs. Bull. (GB)** - (BROYA2)
Royal Greenwich Observatory Bulletin Herstmonceux Castle, Hailsham, East Sussex BN27 1RP, England
- R. Obs. Ann. (GB)** - (ANROD1)
Royal Observatory Annals Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex BN27 1RP, England
- Radiat. & Environ. Biophys. (Germany)** - (REBPAT)
Radiation and Environmental Biophysics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Radiat. Eff. (GB)** - (RAEFBL)
Radiation Effects Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Radiat. Eff. Lett. (GB)** - (RAEFBL)
Radiation Effects Letters Gordon & Breach Science Publishers Ltd., 42 William IV Street, London, WC2N 4DE, England
- Radiat. Phys. & Chem. (GB)** - (RPCHDM)
Radiation Physics and Chemistry Formerly: *Int. J. Radiat. Phys. & Chem. (GB)* Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Radiat. Prot. (Korea)**
Radiation Protection Korean Association for Radiation Protection, Seoul, Korea
- Radiat. Res. (USA)** - (RAREAE)
Radiation Research Radiation Research Society, Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Radio & Electron. Constructor (GB)** - (RECNCU)
Radio & Electronics Constructor Data Publications Ltd., 57 Maida Vale, London, W9 1SN, England
- Radio & Electron. Eng. (GB)** - (RDEEA4)
Radio and Electronic Engineer Institution of Electronic and Radio Engineers, 8-9 Bedford Square, London, WC1B 3RG, England
- Radio Commun. (GB)** - (RADCB7)
Radio Communication Radio Society of Great Britain, 35 Doughty Street, London, WC1N 2AE, England
- Radio Elektron. (Netherlands)** - (RADEDF)
Radio Elektronika Title changed to: *Electronica (Netherlands)*
- Radio Eng. & Electron. Phys. (USA)** - (RENPAL)
Radio Engineering and Electronic Physics [Translation of: *Radiotekh. & Elektron. (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Radio Fernsehen Elektron. (Germany)** - (RFELB6)
Radio Fernsehen Elektronik VEB Verlag Technik, Oranienburgerstrasse 13/14, 102 Berlin Postfach 293, Germany
- Radio Mentor Electron. (Germany)** - (RMELBL)
Radio Mentor Electronic Formerly: *Radio Mentor (Germany)* - Verlag Neuer Merkur GmbH, Ingolstadter Strasse 63a, Postfach 46 08 05, D-8000 München 46, Germany
- Radio Sci. (USA)** - (RASCAD)
Radio Science American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Radio Telev. (Czechoslovakia)** - (RDTLAW)
Radio Television Administrative Council of the International Radio & Television Organisation (OIRT), 151 13 Prague 5, U Mrazovky 15, Czechoslovakia
- Radio-Electron. (USA)** - (RAECAB)
Radio-Electronics 200 Park Avenue South, New York, NY 10003, USA
- Radio-TV-Electron. (Switzerland)** - (RTESBN)
Radio-TV-Electronic Title changed to: *RTE (Switzerland)*
- Radiochem. & Radioanal. Lett. (Switzerland)** - (RRALAZ)
Radiochemical and Radioanalytical Letters Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne, Switzerland. Akademiai Kiado, Alkotmany U 21, Budapest 5, Hungary
- Radioelectron. & Commun. Syst. (USA)** - (RCSYDS)
Radioelectronics and Communication Systems [Translation of: *Izv. VUZ Radioelektron. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Q. Appl. Math. (USA)** - (QAMAAY)
Quarterly of Applied Mathematics American Mathematical Society, P.O. Box 1571, Providence, RI 02901, USA

- Radioid. Electron. - Telev. (Italy) - (RELTDO)**
Radioidustria Elettronica - Televisione Franco Angeli Editore, Viale Monza 106, 20127 Milano, Italy
- Radioisotopes (Japan) - (RAISAB)**
Radioisotopes Japan Radioisotope Association, 2-28-45, Honkomagome, Bunkyo-ku, Tokyo 113, Japan
- Radiol. Prot. Bull. (GB) - (RDPBAG)**
Radiological Protection Bulletin National Radiological Protection Board, Harwell, Didcot, Berks, England
- Radiology (USA) - (RADLAX)**
Radiology Radiological Society of North America Inc., 20th and Northampton Streets, Easton, PA 18042, USA
- Radiophys. & Quantum Electron. (USA) - (RPQEAC)**
Radiophysics and Quantum Electronics [Translation of: *Izv. VUZ Radiofiz.* (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Radiotekhnika (Hungary) - (RATKA8)**
Radiotekhnika Zrinvi Katonai Kiado, Budapest VIII, Kerespesi ut 29/b, Hungary
- Radiotekh. & Elektron. (USSR) - (RAELA4)**
Radiotekhnika i Elektronika Editorial address: 103907 Moskva TSP-3, Pr. Karl Marx 18, USSR [English translation in: *Radio Eng. & Electron. Phys.* (USA)]
- Radiotekhnika, Kharkov (USSR) - (RTKHAJ)**
Radiotekhnika Izdatel'stvo "Visha Shkola", Kharkov Gosudarstvennom Universitete, 310003 Kharkov, USSR
- Radiotekhnika, Moskva (USSR) - (RATEAO)**
Radiotekhnika Editorial Address: 103031 Moskva K31, Kuznetskii Most D 20, USSR [English translation in: *Telecommun. & Radio Eng. Part 2* (USA)]
- Rail Int. (Belgium) - (RAIIAF)**
Rail International International Railway Congress Association, Rue de France 85, B-1070 Bruxelles, Belgium
- Railw. Age (USA) - (RAAGA3)**
Railway Age Simmons-Boardman Publishing Corp., 508 Birch Street, Bristol, CT 06010, USA
- Railw. Eng. Int. (GB) - (REINDR)**
Railway Engineer International Mechanical Engineering Publications Ltd., 1 Birdcage Walk, London SW1H 9JJ, England
- Railw. Gaz. Int. (GB) - (RWGIAN)**
Railway Gazette International IPC Transport Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Railways (S. Africa) - (RAILDR)**
Railways Thomson Publications SA (Pty.) Ltd., P.O. Box 8308, Johannesburg 2000, South Africa
- RAIRO Anal. Numer. (France) - (RFANDS)**
RAIRO Analyse Numerique/Numerical Analysis Centrale des Revues Dunod/Gauthier-Villars, B.P. 119, 93104 Montreuil Cedex, France
- RAIRO Autom./Syst. Anal. & Control (France) - (RFAADN)**
RAIRO Automatique/Systems Analysis and Control Centrale des Revues Dunod/Gauthier-Villars B.P. 119, 93104 Montreuil Cedex, France
- RAIRO Inf. Theor./Theor. Comput. Sci. (France) - (RSITD7)**
RAIRO Informatique Theoretique/Theoretical Computer Science Title changed to: *RAIRO Inf. Theor./Theor. Inf. (France)*
- RAIRO Inf./Comput. Sci. (France) - (RSINDN)**
RAIRO Informatique/Computer Science Centrale des Revues Dunod/Gauthier-Villars, B.P. 119, 93104 Montreuil Cedex, France
- Rairo Rech. Oper./Oper. Res. (France) - (RSROD3)**
RAIRO Recherche Operationnelle/Operations Research Centrale des Revues Dunod/Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
- Range (Netherlands) - (RNVPM)**
Range Philips' Telecommunicatie Industrie BV, Hilversum, Netherlands
- RCA Broadcast News (USA) - (RCABB3)**
RCA Broadcast News RCA Communications Systems Division, Princeton, NJ 08540, USA
- RCA Rev. (USA) - (RCARCI)**
RCA Review Radio Corporation of America, RCA Laboratories Division, Princeton, NJ 08540, USA
- RCA Tech. Not. (USA) - (RCTNAV)**
RCA Technical Notes Radio Corporation of America, Princeton, NJ 08540, USA
- Rec. Electr. & Commun. Eng. Conversazione Tohoku Univ. (Japan) - (TDDDA1)**
Record of Electrical and Communication Engineering Conversazione Tohoku University Tohoku University, Research Institute of Electrical Communication, Sendai, Japan
- Rech. Aerosp. (France) - (REARAU)**
Recherche Aerospatiale Office National d'Etudes et de Recherches Aerospatiales, 29 Avenue de la Division Leclerc, 92320-Chatillon, France
- Rechtech. Datenverb. (Germany) - (RTDVAQ)**
Rechenstechnik Datenverarbeitung Verlag die Wirtschaft Berlin, 1055 Berlin, Am Friedrichshain 22, Germany
- Recherche (France) - (RCCHBV)**
Recherche Societe d'Editions Scientifiques, 57 rue de Seine, 75006 Paris, France
- Recreational Comput. (USA) - (RECCDW)**
Recreational Computing People's Computer Co., 1263 El Camino Real, Box E, Menlo Park, CA 94025, USA
- Refractories (USA) - (REFRAL)**
Refractories [Translation of: *Ogneupory* (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Refrigeration (Japan) - (RITOAB)**
Refrigeration Japanese Association of Refrigeration, 8 San'ei-cho, Shinjuku-ku, Tokyo 160, Japan
- Regelungstech. Prax. (Germany) - (RGPAZ)**
Regelungstechnische Praxis R. Oldenbourg, Rosenheimer Strasse 145, 8 München 80, Germany
- Regelungstechnik (Germany) - (RLSTA5)**
Regelungstechnik Formerly: *Regelungstech. & Prozess-Datenverb.* (Germany) R. Oldenbourg, Rosenheimer Strasse 145, 8 München 80, Germany
- Remote Sensing Environ. (USA) - (RSEEA7)**
Remote Sensing of Environment American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Rend. Ist. Lomb. A (Italy) - (RLMAAK)**
Istituto Lombardo. Rendiconti A. Scienze Accademia di Scienze e Lettere, Palazzo Brera, Via Brera 28, Milano, Italy
- Rep. Fac. Eng. Shizuoka Univ. (Japan) - (SDKKAT)**
Reports of the Faculty of Engineering Shizuoka University Hamamatsu, Japan
- Rep. Gov. Ind. Res. Inst. Nagoya (Japan) - (NKGSR)**
Reports of the Government Industrial Research Institute Nagoya Hirate-machi Kita-ku, Nagoya, Japan
- Rep. Himeji Inst. Technol. (Japan) - (HKDKAO)**
Reports of Himeji Institute of Technology Himeji, Japan
- Rep. Inst. High Speed Mech. Tohoku Univ. Ser. B (Japan) - (RHSMAO)**
Reports of the Institute of High Speed Mechanics, Tohoku University (A section of: *Science Reports of the Research Institute, Tohoku University, Series B (Technology)*) Sendai, Japan
- Rep. Inst. Ind. Sci. Univ. Tokyo (Japan) - (RIISAX)**
Report of the Institute of Industrial Science, University of Tokyo 22-1 Roppongi, 7-chome, Minato-ku, Tokyo 106, Japan
- Rep. Inst. Phys. & Chem. Res. (Japan) - (RKKHAO)**
Reports of the Institute of Physical and Chemical Research Rikagaku Kenkyushu, Wako-shi, Saitama 351, Japan
- Rep. Math. Phys. (GB) - (RMHPBE)**
Reports on Mathematical Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England. Subscription address: ARS Polona-Ruch Foreign Trade Enterprise, Krakowski Przedmiescie 7, 00-068 Warszawa
- Rep. NRL Prog. (USA) - (RNRLAO)**
Report of NRL Progress National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22151, USA
- Rep. Prog. Phys. (GB) - (RPPHAG)**
Reports on Progress in Physics Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Rep. Res. Inst. Appl. Mech. (Japan) - (RMKUA9)**
Reports of Research Institute for Applied Mechanics Kyushu University, Hakozaki, Fukuoka 812, Japan
- Rep. Res. Inst. Ind. Sci. Kyushu Univ. (Japan) - (KURRAE)**
Reports of the Research Institute of Industrial Science, Kyushu University Fukuoka, Kyushu, Japan
- Rep. Res. Inst. Sci. & Technol. Nihon Univ. (Japan) - (RRITAV)**
Report of the Research Institute of Science and Technology Nihon University Rikogaku-Kenkuyo (Research Institute of Science and Technology), Nihon University, No. 8, 1-chome, Surugadai, Kanda, Chiyoda-ku, Tokyo, Japan
- Rep. Res. Inst. Strength & Fract. Mater. (Japan) - (TDSKBD)**
Reports of the Research Institute for Strength and Fracture of Materials Tohoku University, Sendai, Japan
- Rep. Res. Lab. Surf. Sci. Okayama Univ. (Japan) - (RSSOAS)**
Reports of the Research Laboratory for Surface Science, Okayama University Faculty of Science, Okayama, Japan
- Rep. Stat. Appl. Res. UJSE (Japan) - (RARJAT)**
Reports of Statistical Application Research, Union of Japanese Scientists and Engineers 5-10-11 Sendagaya, Shibuya-ku, Tokyo, Japan
- Rep. Univ. Electro-Commun. (Japan) - (TDTRAU)**
Reports of the University of Electro-Communications University of Electro-Communications, 1-5-1 Chofugaoka, Chofu-shi, Tokyo, Japan
- Reprogr. Q. (GB) - (RPGQAW)**
Reprographics Quarterly National Reprographic Centre, Hatfield Polytechnic, Bayfordbury, Lower Hatfield Road, Hertford, Herts. SG13 8LD, England
- Res. Bull. Reg. Eng. Coll. Warangal (India) - (WREBAC)**
Research Bulletin, Regional Engineering College, Warangal Warangal (AP) Kazipet (PO), India
- Res. Disclosure (GB) - (RSDSBB)**
Research Disclosure Industrial Opportunities Ltd., 13/14 Homewell, Havant, Hants. PO9 1EF, England
- Res. Electrotech. Lab. (Japan) - (DSKHAS)**
Researches of the Electrotechnical Laboratory 1-1-4, Umezono, Sakura-mura, Niihari-gun, Ibaraki, Japan
- Res. Rep. Autom. Control Lab. Fac. Eng. Nagoya Univ. (Japan) - (NDKJAS)**
Research Reports of Automatic Control Laboratory, Faculty of Engineering, Nagoya University Chikusa, Nagoya, Japan
- Res. Rep. Fac. Eng. Meiji Univ. (Japan) - (MDKKAV)**
Research Reports of the Faculty of Engineering, Meiji University Meiji, Japan
- Res. Rep. Inst. Inf. Sci. & Technol. Tokyo Denki Univ. (Japan) - (KHKDD5)**
Research Reports, Institute of Information Science & Technology, Tokyo Denki University Tokyo, Japan
- Res. Rep. Nagaoka Tech. Coll. (Japan) - (NKTDDAD)**
Research Reports of the Nagaoka Technical College Library of the Nagaoka Technical College, Nishi-Katakai-machi, Nagaoka-shi, Niigata-ken, Japan
- Res. Rep. Tokyo Denki Univ. (Japan) - (RRTUDO)**
Research Reports of Tokyo Denki University Tokyo, Japan
- Resour. & Energy (Netherlands) - (RESND9)**
Resources and Energy North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Rev. Acad. Cienc. Zaragoza (Spain) - (RACZA2)**
Revista de la Academia de Ciencias Zaragoza Academia de Ciencias Exactas, Fisico-Quimicas y Naturales de Zaragoza, Plaza de Paraiso 1, Zaragoza, Spain
- Rev. Astron. (Argentina) - (RVANB2)**
Revista Astronomica Asociacion Argentina Amigos de la Astronomia, Avenida Patricias Argentinas 550, Buenos Aires 5, Argentina
- Rev. Belge Stat. Inf. & Rech. Oper. (Belgium) - (RBSODP)**
Revue Belge de Statistique, d'Informatique et de Recherche Operationnelle (Belgisch Tijdschrift voor Statistiek, Informatiek en Operationeel Onderzoek) SOGESCI Societe Belge pour l'Application des Methodes Scientifiques de Gestion, Rue du Neufchatel 66, 1060 Bruxelles, Belgium
- Rev. Bras. Fis. (Brazil) - (RBFSA3)**
Revista Brasileira de Fisica Sociedade Brasileira de Fisica, Cx. Postal 20553, Sao Paulo SP, Brazil
- Rev. Cethedec (France) - (RCETA8)**
Revue du Cethedec Centre d'Etudes Theoriques de la Detection et des Communications, 5 bis, avenue de la Porte de Sevres, Paris 15, France
- Rev. Chim. Miner. (France) - (RVCMA8)**
Revue de Chimie Minerale Centrale des Revues Dunod-Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
- Rev. E (Belgium) - (RVUEA6)**
Revue E Issued with: *Bull. Soc. R. Belge Electr. (Belgium)*

- Rev. Electr. Commun. Lab. (Japan)** - (RELTAN)
Review of the Electrical Communication Laboratories Nippon Telegraph and Telephone Public Corp., Midori-cho, 9-11 Musasino-si, 3 chome, Tokyo 180, Japan
- Rev. Electrotec. (Argentina)** - (RVELAF)
Revista Electrotecnica Asociacion Argentina de Electrotecnicos y del Comite Electrotecnico Argentina, Posadas 1659, Buenos Aires, Argentina
- Rev. Electrotec. (Spain)** - (RVELAF)
Revista Electrotecnica Asociacion Electrotecnica Espanola, Aribau 61, Barcelona, Spain
- Rev. Energ. (France)** - (REEND7)
Revue de l'Energie Les Editions Techniques et Economiques, 3 Rue Soufflot, 75005 Paris, France
- Rev. Esp. Doc. Cient. (Spain)** - (REDCD3)
Revista Espanola de Documentacion Cientifica Instituto de Informacion y Documentacion en Ciencia y Tecnologia, Joaquin Costa 22, Madrid 6, Spain
- Rev. Esp. Electron. (Spain)** - (RVEEBT)
Revista Espanola de Electronica Ediciones Tecnicas 'Rede', Apartado 5252, Barcelona, Spain
- Rev. Fac. Cienc. Univ. Lisboa B (Portugal)** - (RFCLAT)
Revista de Faculdade de Ciencias, Universidade de Lisboa, B-Ciencias Fisico-Quimicas Rua da Escola Politecnica, Lisboa, Portugal
- Rev. Fac. Eng. Univ. Porto (Portugal)** - (RFEPAH)
Revista da Faculdade de Engenharia, Universidade do Porto Porto, Portugal
- Rev. Fac. Sci. Univ. Istanbul C (Turkey)** - (IFMCAL)
Revue de la Faculte des Sciences de l'Universite d'Istanbul (Istanbul Universitesi Fen Fakultesi Mecmuasi) Serie C (Astronomie, Physique, Chimie) Beyazit, Istanbul, Turkey
- Rev. FITCE (Belgium)** - (RFITBG)
Revue F.I.T.C.E. Federation des Ingenieurs des Telecommunications de la Communaute Europeenne, 42 rue des Palais, 1030 Bruxelles, Belgium
- Rev. Fr. Commun. (France)** - (RFCOD7)
Revue Francaise de Communication 120 Champs-Elysees, 75008 Paris, France
- Rev. Fr. Electr. (France)** - (RFELAS)
Revue Francaise de l'Electricite Editions Sodel, 336-340 rue St-Honore, 75001 Paris, France
- Rev. Gen. Chemins de Fer (France)** - (RGCFAL)
Revue General des Chemins de Fer Centrale des Revues, Dunod/Gauthier-Villars, 70 rue de Saint-Mande, BP 119, 93104 Montreuil Cedex 1, France
- Rev. Gen. Electr. (France)** - (RGELAC)
Revue Generale de l'Electricite Societe des Electriciens des Electroniciens et des Radioelectriciens, 48 rue de la Procession, 75724 Paris, Cedex 15, France
- Rev. Gen. Nucl. (France)** - (RGNUDJ)
Revue Generale Nucleaire Societe Francaise d'Energie Nucleaire, 48 rue de la Procession, 75724 Paris Cedex 15, France
- Rev. Gen. Therm. (France)** - (RGTHAT)
Revue Generale de Thermique Thermique & Industrie, EEII, 30 Rue de la Source, 75016 Paris, France
- Rev. Geofis. (Spain)** - (RGNGA8)
Revista de Geofisica Instituto Nacional de Geofisica, Serrano 123, Madrid 6, Spain
- Rev. Geophys. & Space Phys. (USA)** - (RGPSBL)
Reviews of Geophysics and Space Physics Formerly: Rev. Geophys. (USA) American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Rev. HF (Belgium)** - (RVUHAF)
Revue HF Societe Belge des Ingenieurs des Telecommunications et d'Electronique, 66 Chaussee de Ruisbroek, Bruxelles 1190, Belgium
- Rev. Inf. & Autom. (Spain)** - (RIAUD2)
Revista de Informatica y Automatica Asociacion Espanola de Informatica y Automatica, Facultad de Ciencias, Ciudad Universitaria, Madrid-3, Spain
- Rev. Int. Hautes Temp. & Refract. (France)** - (RIHTAV)
Revue Internationale des Hautes Temperatures et des Refractaires Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Rev. Jeumont-Schneider (France)** - (RJSCAR8)
Revue Jeumont-Schneider 5 Place de Rio de Janeiro, Paris 8, France
- Rev. Mex. Astron. & Astrofis. (Mexico)** - (RMAAD4)
Revista Mexicana de Astronomia y Astrofisica Instituto de Astronomia, UNAM, Apartado Postal 70-264, Mexico 20, D.F., Mexico
- Rev. Mex. Fis. (Mexico)** - (RMXFAT)
Revista Mexicana de Fisica Sociedad Mexicana de Fisica, Apartado Postal No.20-364, Mexico 20, D.F., Mexico
- Rev. Mod. Phys. (USA)** - (RMPHAT)
Reviews of Modern Physics Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Rev. Phys. Appl. (France)** - (RPAAH)
Revue de Physique Appliquee Editions de Physique, Z.I. de Coutaboeuy B.P. 112, 91402 Orsay, France
- Rev. Phys. Chem. Jpn. (Japan)** - (RPCJAP)
Review of Physical Chemistry of Japan Physico-Chemical Society of Japan, College of Science, Kyoto University, Kyoto, Japan
- Rev. Polytech. (Switzerland)** - (RPVTBR)
Revue Polytechnique Chemin de la Caroline 22, 1213 Petit-Lancy, Geneve, Switzerland
- Rev. Radio Res. Lab. (Japan)** - (DKKIBA)
Review of the Radio Research Laboratories Ministry of Posts & Telecommunications, Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan
- Rev. Roum. Phys. (Romania)** - (RRPQAN)
Revue Roumaine de Physique Academie Republicii Populare Romine, Boite Postale 134-135, Bucuresti, Romania
- Rev. Roum. Sci. Tech. Ser. Electrotech. & Energ. (Romania)** - (RTEEAE)
Revue Roumaine des Sciences Techniques. Serie Electrotechnique et Energetique Academie Republicii Populare Romine. Editorial address: Sos. Vitan 236, Bucuresti, Romania
- Rev. Roum. Sci. Tech. Ser. Mec. Appl. (Romania)** - (RTMAA8)
Revue Roumaine des Sciences Techniques. Serie de Mecanique Appliquee Str. Constantin Mille 15, Bucuresti, Romania
- Rev. Sci. Instrum. (USA)** - (RSINAK)
Review of Scientific Instruments American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Rev. Tech. Thomson-CSF (France)** - (RTTCBG)
Revue Technique Thomson-CSF Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Rev. Telecommun. (Spain)** - (RVTEAZ)
Revista de Telecomunicacion Consejo Tecnica de Telecomunicacion, Palacio de Comunicaciones, Apartado 936, Madrid, Spain
- Rev. Telegr. Electron. (Argentina)** - (RTELB2)
Revista Telefonica Electronica Editorial address: Avenida Martin Garcia 653, Buenos Aires, Argentina
- Rheol. Acta (Germany)** - (RHEAAK)
Rheologica Acta Dr. Steinkopf Verlag, 6100 Darmstadt, Postfach 1008, Germany
- Rhod. Eng. (Rhodesia)** - (RHENAP)
Rhodesian Engineer Title changed to: Zimbabwe Eng.
- Ric. Autom. (Italy)** - (RCAUO)
Ricerche di Automatica E.S.I.A., Edizioni Scientifiche Inglesi Americane srl., Via Sommacampagna 11-13, 00185 Roma, Italy
- Ric. Spettrosc. (Italy)** - (RSLAAU)
Ricerche Spettroscopiche Scuola Vaticana, Citta dei Vaticano, Italy
- Riv. Inf. (Italy)** - (RIINDL)
Rivista di Informatica AICA - Associazione Italiana per il Calcolo Automatico, c/o FAST, P. le Rodolfo Morandi 2, 20121 Milano, Italy
- Riv. Nuovo Cimento (Italy)** - (RNUCAC)
Rivista del Nuovo Cimento Societa Italiana di Fisica, Via Degli Andalo 2, Bologna 40124, Italy
- Rock Mech. (Austria)** - (RMFMAS)
Rock Mechanics (Felsmechanik-Mechanik des Roches) Springer-Verlag, Molkerbastei 5, P.O. Box 367, A-1011 Wien, Austria
- Röntgenpraxis (Germany)** - (RGXPB2)
Röntgenpraxis S. Hirzel Verlag, 7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
- Rozpr. Electrotech. (Poland)** - (RZETAX)
Rozprawy Electrotechniczne Panstwowe Wydawnictwo Naukowe, Warszawa, Miodowa 10, Poland
- Rozpr. Hydrotech. (Poland)** - (RZHTAE)
Rozprawy Hydrotechniczne Instytut Budownictwa Wodnego, Polskiej Akademii Nauk w Gdansk, Gdansk, Poland
- RTE (Switzerland)** - (RTEEDH)
RTE Formerly: Radio-TV-Electron. (Switzerland) Edenstrasse 20, Postfach, CH-8021 Zurich, Switzerland
- Rundfunktech. Mitt. (Germany)** - (RUMIAS)
Rundfunktechnische Mitteilungen Institut für Rundfunktechnik, Mittelweg 113, Hamburg 13, Germany
- Russ. Eng. J. (GB)** - (RENJ3)
Russian Engineering Journal [Translation of: Vestn. Mashinost. (USSR)] Production Engineering Research Association, Melton Mowbray, Leics, England
- Russ. Metall. (GB)** - (RMLYAQ)
Russian Metallurgy [Translation of: Izv. Akad. Nauk. SSSR Met.] Scientific Information Consultants Ltd., 661 Finchley Road, London, NW2 2HN, England
- Rutgers J. Comput. & Law (USA)** - (RJCLAN)
Rutgers Journal of Computers and the Law Rutgers Law School, 180 University Avenue, Newark, NJ 07102, USA
- S. Afr. J. Antarct. Res. - (SAARCF)**
South African Journal of Antarctic Research Editorial Address: P.O. Box 3718, Johannesburg, South Africa
- S. Afr. J. Phys. (S. Africa)** - (SAPHDR)
South African Journal of Physics (Suid-Afrikaanse Tydskrif vir Fisika) Bureau for Scientific Publications, P.O. Box 1758, Pretoria 0001, South Africa
- Saehkoe (Finland)** - (SAEFAN)
Sähkö Electricity in Finland Sarkinmientie 3, 00210 Helsinki 21, Finland
- Satell. Commun. (USA)** - (SACODH)
Satellite Communications Cardiff Publishing Co., 3900 South Wadsworth Boulevard, Denver, CO 80235, USA
- Sb. Kratk. Soobshch. Fiz. AN SSSR Fiz. Inst. P.N. Lebedeva**
Sbornik Kratk. Soobshcheniya po Fizike. AN SSSR. Fizicheskii Institut im. P.N. Lebedeva Editorial address: 11733, Moskva B-333, Leningki Prospekt 53, USSR [English translation in: Sov. Phys.-Lebedev Inst. Rep. (USA)]
- Scand. Audiol. (Sweden)** - (SNADAS)
Scandinavian Audiology Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm, Sweden
- Scand. Audiol. Suppl. (Sweden)** - (SAUSBF)
Scandinavian Audiology Supplementum Issued with: Scand. Audiol. (Sweden)
- Scand. J. Stat. Theory & Appl. (Sweden)** - (SJSADG)
Scandinavian Journal of Statistics Theory and Applications Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm 1, Sweden
- Scanner (GB)** - (SCANAF)
Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, England
- Scanning (Germany)** - (SCNNDF)
Scanning Verlag Gerhard Witzstrock GmbH, P.O. Box 509, D-7570 Baden-Baden, Germany
- Scanning Electron Microsc. (USA)** - (SEMYBL)
Scanning Electron Microscopy P.O. Box 66507, AMF O'Hare, IL 60666, USA
- Schweiz. Tech. Z. (Switzerland)** - (STZTAS)
Schweizerische Technische Zeitschrift Schweizerischer Technischer Verband, Weinbergstrasse 41, 8023 Zurich, Switzerland
- Sci-Tech News (USA)** - (STNWAM)
Sci-Tech News Anita Friedman, Xerox Corporation, Technical Library A3-25, 701 S. Aviation Blvd., El Segundo, CA 90245, USA
- Sci. & Cult. (India)** - (SCINAL)
Science and Culture Indian Science News Association, 92 Acharya Prafullachandra Road, Calcutta 9, India
- Sci. & Eng. Rep. Def. Acad. (Japan)** - (BDRKAD)
Scientific and Engineering Reports of the Defense Academy Title changed to: Sci. & Eng. Rep. Natl. Def. Acad. (Jpn.) (Japan)
- Sci. & Eng. Rep. Natl. Def. Acad. (Jpn.) (Japan)** - (BDRHD7)
Scientific and Engineering Reports of the National Defense Academy (Japanese) Formerly: Sci. & Eng. Rep. Def. Acad. (Japan) Hashirimizu 1-10-20, Yokosuka 239, Japan
- Sci. & Eng. Rep. Saitama Univ. Ser. C (Japan)** - (SSECB D)
Science and Engineering Reports of Saitama University, Series C Urawa-City, Saitama-ken, Japan

- Sci. & Eng. Rev. Doshisha Univ. (Japan)** - (DDRKAZ)
Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan
- Sci. & Ind. (Netherlands)** - (SIPGA9)
Science and Industry Philips Scientific and Industrial Equipment Division, Building TQ III 4, Eindhoven, Netherlands
- Sci. & Technol. (Australia)** - (SAUTBI)
Science and Technology Research Publications Pty. Ltd., 418 Canterbury Road, Surrey Hills, 3127 Victoria, Australia
- Sci. Am. (USA)** - (SCAMAC)
Scientific American 415 Madison Avenue, New York, NY 10017, USA
- Sci. Atmos. Sin. (China)** - (TKHSDX)
Scientia Atmospherica Sinica Science Press, Peking. Subscription address: Guozi Shudian, P.O. Box 399, Peking, People's Republic of China
- Sci. Dimension (Canada)** - (NRSDAN)
Science Dimension National Research Council of Canada, Ottawa K1A 0R6, Canada
- Sci. Electr. (Switzerland)** - (SCELAT)
Scientia Electrica Institut für Höhere Elektrotechnik, Eidgenössische Technische Hochschule, Gloriastr. 35, 8006-Zürich, Switzerland
- Sci. Pap. Coll. Gen. Educ. Univ. Tokyo (Japan)** - (SPUTAK)
Scientific Papers of the College of General Education, University of Tokyo Komaba, Meguro-ku, Tokyo, Japan
- Sci. Pap. Inst. Phys. & Chem. Res. (Japan)** - (SPIPAG)
Scientific Papers of the Institute of Physical and Chemical Research Rikagaku Kenkyusho, Wako-shi, Saitama 351, Japan
- Sci. Proc. R. Dublin Soc. Ser. A (Ireland)** - (SPDAAE)
Scientific Proceedings of the Royal Dublin Society, Series A Ball's Bridge, Dublin, Ireland
- Sci. Prog. (GB)** - (SCPRAV)
Science Progress Blackwell Scientific Publications, Oxford, England
- Sci. Rep. Kanazawa Univ. (Japan)** - (SRKAAT)
Science Reports of Kanazawa University Faculty of Science, Kanazawa University, Kanazawa, Japan
- Sci. Rep. Osaka Univ. (Japan)** - (SCRTAG)
Science Reports Osaka University College of General Education, Osaka University, Toyonaka, Osaka, Japan
- Sci. Rep. Res. Inst. Tohoku Univ. Ser. A (Japan)** - (SRTAA6)
Science Reports of the Research Institutes, Tohoku University. Series A (Physics, Chemistry, and Metallurgy) Sendai, Japan
- Sci. Rep. Saitama Univ. Ser. A (Japan)** - (SRSAAZ)
Science Reports of the Saitama University. Series A (Mathematics, Physics and Chemistry) Urawa, Japan
- Sci. Rep. Tohoku Univ. I (Japan)** - (STUCAV)
Science Reports of the Tohoku University. First Series Faculty of Science, Tohoku University, Sendai, Japan
- Sci. Rep. Tohoku Univ. Fifth Ser. Geophys. (Japan)** - (STUEA3)
Science Reports of the Tohoku University. Fifth Series, Geophysics Faculty of Science, Tohoku University, Sendai 980, Japan
- Sci. Rep. Yokohama Natl. Univ. Sect. I (Japan)** - (SYUMAS)
Science Reports of the Yokohama National University. Section I (Mathematics, Physics and Chemistry) Faculty of Liberal Arts and Education, Yokohama National University, Tokiwadai 156, Hodogaya-ku, Yokohama 240, Japan
- Sci. Rev. (Yugoslavia)** - (SRVUAB)
Science Revue Prof. B. Popovic, Ognjena Price 80, Beograd, Yugoslavia
- Sci. Sin. (China)** - (SSINAV)
Scientia Sinica Science Press, Peking. Subscription address: Guozi Shudian, P.O. Box 399, Peking, China
- Sci. Sintering (Yugoslavia)** - (SCSNB4)
Science of Sintering Yugoslav Committee for ETAN, P.O. Box 356 (ETAN), 11001 Beograd, Yugoslavia
- Sci. Tools (Sweden)** - (SCTOAB)
Science Tools LKB Produkter Fabriksaktiebolag, P.O. Box 76, Stockholm-Bromma 1, Sweden
- Science (USA)** - (SCIEAS)
Science American Association for the Advancement of Science, 1515 Massachusetts Avenue N.W., Washington, DC 20005, USA
- Scientia (Chile)** - (SCNTAU)
Scientia Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso, Chile
- Scientometrics (Netherlands)** - (SCNTDX)
Scientometrics Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands
- Ser. Fac. Sci. Nat. Univ. Purkynianae Brunensis Phys. (Czechoslovakia)** - (SUPBAA)
Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyně, 61137 Brno-Kotlarska 2, Czechoslovakia
- Ser. Metall. (USA)** - (SCRMBU)
Scripta Metallurgica Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Sdelovaci Tech. (Czechoslovakia)** - (SDTEAM)
Sdelovaci Technika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Sea Technol. (USA)** - (SEATAD)
Sea Technology Compass Publications Inc., Suite 1000, 1117 North 19th Street, Arlington, VA 22209, USA
- Seismol. Ser. Earth Phys. Branch (Canada)** - (CESSCS)
Seismological Series of the Earth Physics Branch Department of Energy, Mines and Resources, Ottawa, Canada
- Semicond. & Insul. (GB)** - (SINS4)
Semiconductors and Insulators Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England
- Semin. Nucl. Med. (USA)** - (SMNMAB)
Seminars in Nuclear Medicine Grune & Stratton Inc., 177 Fifth Avenue, New York, NY 10003, USA
- Shimadzu Rev. (Japan)** - (SHHYAG)
Shimadzu Review Shimadzu Seisakusho Ltd., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan
- Showa Wire & Cable Rev. (Japan)** - (SDDRAF)
Showa Wire and Cable Review Showa Electric Wire and Cable Co. Ltd., Tokyo Toranomon Building, No. 10, Shiba-Toranomon, Minato-ku, Tokyo, Japan
- SIAM J. Appl. Math. (USA)** - (SMJMAP)
SIAM Journal on Applied Mathematics Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Comput. (USA)** - (SMJCAT)
SIAM Journal on Computing SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Control & Optimiz. (USA)** - (SJCODC)
SIAM Journal on Control and Optimization SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Math. Anal. (USA)** - (SJMAAH)
SIAM Journal on Mathematical Analysis SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Numer. Anal. (USA)** - (SJNAAM)
SIAM Journal on Numerical Analysis SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM Rev. (USA)** - (SIREAD)
SIAM Review SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- Siderurgia (Argentina)** - (SIDEDE)
Siderurgia Instituto Argentino de Siderurgia, Avda. Eduardo Madero 1020, Capital, Anexo Edificio Conurban 1 y 2, Piso, Argentina
- Siemens Components (Engl. Ed.) (Germany)** - (SICOD5)
Siemens Components (English Edition) Formerly: *Components Rep. (Germany)* Siemens Aktiengesellschaft, Hellabrunner Strasse 1, 8000 München 90, Germany
- Siemens Forsch.- & Entwicklungsber. (Germany)** - (SFEFBL)
Siemens Forschungs- und Entwicklungsberichte (Research and Development Reports) Springer-Verlag, D-1 Berlin 33, Heidelberger Platz 3, Germany
- Siemens Power Eng. (Germany)** - (SPOEDG)
Siemens Power Engineering Siemens Aktiengesellschaft, Postfach 3240, D-8520 Erlangen 2, Germany
- Siemens Rev. (Germany)** - (SZTEA6)
Siemens Review Siemens-Aktiengesellschaft, Postfach 3240, 8520 Erlangen 2, Germany
- Siemens-Albis Ber. (Switzerland)** - (SABRBJ)
Siemens-Albis Berichte Siemens-Albis Aktiengesellschaft, Albisriedenstrasse 245, 8047 Zürich, Switzerland
- SIGACT News (USA)** - (SIGNDM)
SIGACT News Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGART Newsl. (USA)** - (SINEDU)
SIGART Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGBIO Newsl. (USA)** - (SINWDG)
SIGBIO Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGCAPH Newsl. (USA)** - (SGNWD2)
SIGCAPH Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGCE Bull. (USA)** - (SIGSD3)
SIGCE Bulletin Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGCUE Bull. (USA)** - (SIGBDK)
SIGCUE Bulletin Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGDA Newsl. (USA)** - (SIGDDG)
SIGDA Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGIR Forum (USA)** - (FASRDV)
SIGIR Forum Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGLASH Newsl. (USA)** - (AHSNAA)
SIGLASH Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGMAP Bull. (USA)** - (SIBUDI)
SIGMAP Bulletin Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGMICRO Newsl. (USA)** - (SIGMDJ)
SIGMICRO Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Signal & Draht (Germany)** - (SIGDAN)
Signal und Draht Dr. Arthur Tetzlaff-Verlag, 6000 Frankfurt (Main) 1, Niddastrasse 64, Germany
- Signal & Schiene (Germany)** - (SIGSAY)
Signal und Schiene 108 Berlin, Französische Strasse 13/14, Germany
- Signal (USA)** - (SGNAAZ)
Signal Armed Forces Communications and Electronics Association, Skyline Center, 5205 Leesburg Pike, Falls Church, Va 22041, USA
- Signal Process. (Netherlands)** - (SPRODR)
Signal Processig North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- SIGNUM Newsl. (USA)** - (SNEWD6)
SIGNUM Newsletter Association of Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGPLAN Not. (USA)** - (SINODQ)
SIGPLAN Notices Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGSAM Bull. (USA)** - (SIGSBZ)
SIGSAM Bulletin Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGSOC Bull. (USA)** - (SGBLDB)
SIGSOC Bulletin Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGSOFT Software Eng. Not. (USA)** - (SFENDP)
SIGSOFT Software Engineering Notes Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGUCC Newsl. (USA)**
SIGUCC Newsletter Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Silikaty (Czechoslovakia)** - (SIKTAN)
Silikaty Academia, Publishing House of the Czechoslovak Academy of Sciences, Votickova 40, 112 29 Praha 1, Czechoslovakia
- Simon Stevin (Belgium)** - (SSWNAX)
Simon Stevin De Natuur-en Geneskundige Vennootschap, Krijgslaan 271, B-9000 Gent, Belgium
- Simulation & Games (USA)** - (SMUGAS)
Simulation & Games Sage Publications, 275 South Beverly Drive, Beverly Hills, CA 90212, USA
- Simulation (USA)** - (SIMUA2)
Simulation Simulation Councils Inc., P.O. Box 2228, La Jolla, CA 92037, USA
- SIN Newsl. (Switzerland)** - (SINLDH)
SIN Newsletter Schweizerisches Institut für Nuklearforschung, 5234 Viligen, Switzerland

- Sist. & Autom. (Italy)** - (SSAUBD)
Sistemi e Automazione Editrice S.E.T.E., Edizioni Scientifiche Tecniche Europee S.p.A., 20127 Milano, Via S.A. Sauli 3, Italy
- Sitzungsber. Oesterr. Akad. Wiss. Math.-Naturwiss. Kl. Abt. II (Austria)** - (SOAMAS)
Sitzungsberichte. Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Abteilung II (Mathematik, Astronomie, Physik, Meteorologie und Technik) Dr. Ignaz-Seipel-Platz 2, A-1010 Wien. Publication address: Springer-Verlag, A-1011-Wien, Molkerbastei 5, Postfach 367, Austria
- Skoda Rev. (Czechoslovakia)** - (SKORAH)
Skoda Review Ul. 28. října 13, Praha 1, Czechoslovakia
- Skr. Nor. Vidensk.-Akad. Oslo I (Norway)** - (SUNVAQ)
Skrifter utgitt av det Norske Videnskaps-Akademi i Oslo. I. Matematik-Naturvidenskapslige Klasse. Abteilung II (Mathematik, Astronomie, Physik, Meteorologie und Technik) Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway
- Sky & Telesc. (USA)** - (SKTEA3)
Sky and Telescope Sky Publishing Corp., 49-50-51 Bay State Road, Cambridge, MA 02138, USA
- Slaboprouty Obz. (Czechoslovakia)** - (SLOZAE)
Slaboprouty Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- SMPE J. (USA)** - (SMPJDF)
SMPTE Journal Formerly: *J. Soc. Motion Pict. & Telev. Eng. (USA)* Society of Motion Picture and Television Engineers, 868 Scarsdale Avenue, Scarsdale, NY 10583, USA
- Software World (GB)** - (SOFWBG)
Software World A.P. Publications Ltd., 322 St. John Street, London, EC1V 4QH, England
- Software-Pract. & Exper. (GB)** - (SPEXBL)
Software - Practice and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Sol. Cells (Switzerland)** - (SOCLD4)
Solar Cells Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Sol. Energy (USA)** - (SRENA4)
Solar Energy Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Sol. Energy Mater. (Netherlands)** - (SOEMDH)
Solar Energy Materials North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Sol. Eng. Mag. (USA)** - (SEMDQ)
Solar Engineering Magazine Solar Energy Industries Association, 1001 Connecticut Avenue, N.W., Washington, DC 20036, USA
- Sol. Phys. (Netherlands)** - (SLPHAX)
Solar Physics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Sol. Syst. Res. (USA)** - (SSYRAL)
Solar System Research [Translation of: *Astron. Vestn. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sol. Terr. Environ. Res. Jpn. (Japan)** - (SERJD3)
Solar Terrestrial Environmental Research in Japan Institute of Space and Aeronautical Science, University of Tokyo, 4-6-1, Komaba, Meguro-ku, Tokyo 153, Japan
- Solid State Commun. (USA)** - (SSCOA4)
Solid State Communications Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA. Supplement to *J. Phys. Chem. Solids (GB)*
- Solid State Ionics (Netherlands)** - (SSIOD3)
Solid State Ionics North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Solid State Phys. (Japan)** - (KOTBA2)
Solid State Physics Agne Gijutsu Center, Kitamura Bldg., 5-1-25, Minamiyama, Minatoku, Tokyo, Japan
- Solid State Technol. (USA)** - (SSTEAP)
Solid State Technology Cowan Publishing Co., 14 Vanderventer Avenue, Port Washington, Long Island, NY 11050, USA
- Solid-State Electron. (GB)** - (SSELA5)
Solid-State Electronics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Souder (France)** - (SODUAX)
Souder Editions GEAD, 79 Rue du Faubourg Poissonniere, 75009 Paris, France
- Sound & Vib. (USA)** - (SOVIAJ)
Sound and Vibration Acoustical Publications Inc., 27101 East Oviatt Road, Bay Village, OH 44140, USA
- Sov. Aeronaut. (USA)** - (SOAE44)
Soviet Aeronautics [Translation of: *Izv. VUZ Aviat. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Appl. Mech. (USA)** - (SOAMBT)
Soviet Applied Mechanics [Translation of: *Prikl. Mekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Astron. (USA)** - (SAAJAN)
Soviet Astronomy [Translation of: *Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Astron. Lett. (USA)** - (SALEDW)
Soviet Astronomy Letters [Translation of: *Pis'ma v Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. At. Energy (USA)** - (SATEAZ)
Soviet Atomic Energy [Translation of: *At. Energ. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Autom. Control (USA)** - (SAUCBZ)
Soviet Automatic Control [Translation of: *Avtomatika (USSR)*] Scripta Publishing Co., 1511 K Street, N.W., Washington, DC 20005, USA
- Sov. Electr. Eng. (USA)** - (SOEEOA)
Soviet Electrical Engineering [Translation of: *Elektrotekhnikha (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Electrochem. (USA)** - (SOECA1)
Soviet Electrochemistry [Translation of: *Elektrokhimiya (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, England
- Sov. Geol. & Geophys. (USA)** - (SGGEDF)
Soviet Geology and Geophysics [Translation of: *Geol. & Geofiz. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. J. Glass Phys. & Chem. (USA)** - (SJGCDU)
Soviet Journal of Glass Physics and Chemistry [Translation of: *Fiz. & Khim. Stekla (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. J. Low Temp. Phys. (USA)** - (SJLPDQ)
Soviet Journal of Low Temperature Physics [Translation of: *Fiz. Nizk. Temp. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Nondestruct. Test. (USA)** - (SJNTAB)
Soviet Journal of Nondestructive Testing [Translation of: *Defektoskopiya (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. J. Nucl. Phys. (USA)** - (SJNCAS)
Soviet Journal of Nuclear Physics [Translation of: *Yad. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Opt. Technol. (USA)** - (SJOTBH)
Soviet Journal of Optical Technology [Translation of: *Opt.-Mekh. Prom-st. (USSR)*] Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Part. & Nucl. (USA)** - (SJPN3)
Soviet Journal of Particles and Nuclei [Translation of: *Fiz. Elem. Chastits & At. Yadra (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Plasma Phys. (USA)** - (SJPPDC)
Soviet Journal of Plasma Physics [Translation of: *Fiz. Plazmy (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Quantum Electron. (USA)** - (SJQEAF)
Soviet Journal of Quantum Electronics [Translation of: *Kvantovaya Elektron., Moskva (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Mater. Sci. (USA)** - (SOMSA4)
Soviet Materials Science [Translation of: *Fiz.-Khim. Mekh. Mater. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Math. (USA)** - (SOMADL)
Soviet Mathematics [Translation of: *Izv. VUZ Mat. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Meteorol. & Hydrol. (USA)** - (SMHYDK)
Soviet Meteorology and Hydrology [Translation of: *Meteorol. & Gidrol. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Microelectron. (USA)** - (SOMIDB)
Soviet Microelectronics [Translation of: *Mikroelektronika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Phys. J. (USA)** - (SOPJAC)
Soviet Physics Journal [Translation of: *Izv. VUZ Fiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Phys.-Acoust. (USA)** - (SOPAAAX)
Soviet Physics-Acoustics [Translation of: *Akust. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Collect. (USA)** - (SPCODK)
Soviet Physics-Collection [Translation of: *Litov. Fiz. Sb. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Phys.-Crystallogr. (USA)** - (SPHCA6)
Soviet Physics-Crystallography [Translation of: *Kristallografiya (USSR)*] Published by the American Institute of Physics with the cooperation of the American Crystallographic Association. Subscription address: American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Dokl. (USA)** - (SPHDA9)
Soviet Physics-Doklady [Translation of: *Dokl. Akad. Nauk SSSR*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-JETP (USA)** - (SPHJAR)
Soviet Physics-JETP [Translation of: *Zh. Eksp. & Teor. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Lebedev Inst. Rep. (USA)** - (SPLRD6)
Soviet Physics - Lebedev Institute Reports [Translation of: *Sb. Kratk. Soobshch. Fiz. AN SSSR Fiz. Inst. P.N. Lebedeva*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Phys.-Semicond. (USA)** - (SPSEAX)
Soviet Physics-Semiconductors [Translation of: *Fiz. & Tekh. Poluprovodn. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Solid State (USA)** - (SPSSA7)
Soviet Physics-Solid State [Translation of: *Fiz. Tverd. Tela (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Tech. Phys. (USA)** - (SPTPA3)
Soviet Physics-Technical Physics [Translation of: *Zh. Tekh. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Usp. (USA)** - (SOPUAP)
Soviet Physics-Uspeski [Translation of: *Usp. Fiz. Nauk (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Powder Metall. & Met. Ceram. (USA)** - (SPMCAP)
Soviet Powder Metallurgy and Metal Ceramics [Translation of: *Poroshk. Metall. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Power Eng. (USA)** - (SVPFAQ)
Soviet Power Engineering [Translation of: *Elektr. Stantsii (USSR)*] Ralph McElroy Co. Inc., 2102 Rio Grande, Austin, TX 78712, USA
- Sov. Tech. Phys. Lett. (USA)** - (SPTLD2)
Soviet Technical Physics Letters [Translation of: *Pis'ma v Zh. Tekh. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Space Sci. Instrum. (Netherlands)** - (SSINDY)
Space Science Instrumentation D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Space Sci. Rev. (Netherlands)** - (SPSRA4)
Space Science Reviews D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Spec. Libr. (USA)** - (SPLBAN)
Special Libraries Special Libraries Association, 235 Park Avenue South, New York, NY 10003, USA
- Spectrochim. Acta Vol. A (GB)** - (SAMCAS)
Spectrochimica Acta. Volume A, Molecular Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Spectrochim. Acta Vol. B (GB)** - (SAASBH)
Spectrochimica Acta. Volume B, Atomic Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

- Spectrosc. Lett. (USA)** - (SPLEBX)
Spectroscopy Letters Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Speculations Sci. & Technol. (Switzerland)** - (SPSTDD)
Speculations in Science and Technology Elsevier Sequoia, S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Sprache & Datenverb. (Germany)** - (SPDADH)
Sprache und Datenverarbeitung Max Niemeyer Verlag, D-7400 Tübingen, Postfach 2140, Germany
- Sprecher News (Switzerland)** - (SPNWDV)
Sprecher News Sprecher & Schuh AG, Redaktion Neues von Sprecher, CH-5000 Zurich, Switzerland
- Stanki & Instrum. (USSR)** - (STINA4)
Stanki i Instrument Mashinostroenie, ul. 25 Oktjabrya, d. 10, Moskva, K-12, USSR [English translation in: *Mach. & Tool. (GB)*]
- Statistician (GB)** - (STTNAP)
Statistician Longman Group Ltd., Journals Division, Longman House, Burnt Mill, Harlow, Essex CM20 2JE, England
- Steklo & Keram. (USSR)** - (STKRAQ)
Steklo i Keramika Kuznetskiy Most, d. 20, Moskva, K-31, USSR [English translation in: *Glass & Ceram. (USA)*]
- Stochastic Processes & Appl. (Netherlands)** - (STOPB7)
Stochastic Processes & their Applications North-Holland Publishing Co., Journal Division, P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Stochastics (GB)** - (STOCB2)
Stochastics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2E, England
- Strain (GB)** - (STRABB)
Strain British Society for Strain Measurement, 281 Heaton Road, Newcastle upon Tyne, NE6 5QB, England
- Strassenverkehrstechnik (Germany)** - (SVKTAC)
Strassenverkehrstechnik Kirschbaum Verlag, 53 Bonn - Bad Godesberg 10, Rudigerstrasse 34, Germany
- Strength Mater. (USA)** - (SMTLB5)
Strength of Materials [Translation of: *Probl. Prochn. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Strompraxis (Germany)** - (STPXB2)
Strompraxis Verlags- und Wirtschaftsgesellschaft der Elektrizitätswerke mbH-VWEW, 6000 Frankfurt (Main) 70, Stressemannallee 23, Germany
- Stud. & Cercet. Calc. Econ. & Cibern. Econ. (Romania)** - (SCCEDZ)
Studii si Cercetari de Calcul Economic si Cibernetica Economica Catedra de Cibernetica Economica, Academia de Studii Economice, Bucuresti, Romania
- Stud. & Cercet. Doc. (Romania)** - (SDBIAC)
Studii si Cercetari de Documentare Centrul de Informare si Documentare al Institutului, Str. Gutenberg Nr. 6 bis, Sector 6, Bucuresti, Romania
- Stud. & Cercet. Fiz. (Romania)** - (SCEFAB)
Studii si Cercetari de Fizica Academia Republicii Populare Romine, P.O. Box 134-5, Calca Victoriei 126, Bucuresti, Romania
- Stud. & Cercet. Geol. Geofiz. Ser. Ser. Geofiz. (Romania)** - (SCGGPB)
Studii si Cercetari de Geologie, Geofizica, Geografie. Seria Geofizica Subscription address: Rompresfilatelia, Boite Postale 2001, Bucuresti, Romania
- Stud. Appl. Math. (USA)** - (SAPMB6)
Studies in Applied Mathematics American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Stud. Hist. & Philos. Sci. (GB)** - (SHPSB5)
Studies in History and Philosophy of Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Stud. J. Inst. Electron. & Telecommun. Eng. (India)** - (SIJEDC)
Students' Journal of the Institution of Electronics & Telecommunication Engineers Plot no. 2, Institutional Area, Lodi Road, New Delhi 110 003, India
- Sulzer Tech. Rev. (Switzerland)** - (SZTRAB)
Sulzer Technical Review Sulzer Brothers Ltd., Winterthur, Switzerland
- Sumitomo Electr. Tech. Rev. (Japan)** - (SETRAY)
Sumitomo Electric Technical Review Sumitomo Electric Industries Ltd., 15 Kitahama 5-chome, Higashi-ku, Osaka 541, Japan
- Sumitomo Search (Japan)** - (SUSEAY)
Sumitomo Search Sumitomo Metal Industries Ltd., 15 Kitahama 5-chome, Higashi-ku, Osaka 541, Japan
- Surf. & Interface Anal. (GB)** - (SIANDQ)
Surface and Interface Analysis Heyden & Son Ltd., Spectrum House, Hillview Gardens, London, NW4 2JQ, England
- Surf. Sci. (Netherlands)** - (SUSCAS)
Surface Science North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Surf. Technol. (Switzerland)** - (SUTED8)
Surface Technology Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- Surv. High Energy Phys. (USA)** - (SHEPDB)
Surveys in High Energy Physics Harwood Academic Publishers GmbH, P.O. Box 786, Cooper Station, New York, NY 10003, USA
- Svar. Proizvod. (USSR)** - (SVAPAI)
Svarchooe Proizvodstvo Mashinostroenie, Moskva, I-110 GSP, Nrosetki Mura, d. 106, USSR [English translation in: *Weld. Prod. (GB)*]
- Sven. Kraftverksforen. Publ. (Sweden)** - (SKFOAV)
Svenska Kraftverksforeningens Publikationer Birger Jarlsgatan 41a, 111 45 Stockholm, Sweden
- Sven. Kraftverksforen. Publ. Medd. (Sweden)** - (SKFMBQ)
Svenska Kraftverksforeningens Publikationer Meddelande Birger Jarlsgatan 41b, 111 45 Stockholm, Sweden
- Svetotekhnika (USSR)** - (SVETAG)
Svetotekhnika Agent: Mezhdunarodnaya Kniga, Moskva, USSR
- Svefsaren (Sweden)** - (SVSEB8)
Svefsaren (English Edition) ESAB, Box 8850, S-402 71 Goteborg 8, Sweden
- Synth. Met. (Switzerland)** - (SYMEDZ)
Synthetic Metals Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Syst. & Control (Japan)** - (SYCNA9)
Systems and Control Japan Association of Automatic Control Engineers, 14 Kawahara-cho, Yoshida, Sakyo-Ku-Kyoto 606, Japan
- Syst. Int. (GB)** - (SYIND8)
Systems International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London SE1 9LU, England
- Syst. Logiques (Switzerland)** - (SYLGAX)
Systemes Logiques Chaire de Systemes Logiques, Ecole Polytechnique Federale, 16 Chemin de Bellerive, CH-1007 Lausanne, Switzerland
- Syst. Sci. (Poland)** - (SYSCDP)
Systems Science Editorial address: Institute of Technical Cybernetics, Wrocław Technical University, ul. Janiszewskiego 11/17, 50-372 Wrocław, Poland
- Syst. Technol. (GB)** - (SYTEAX)
Systems Technology Plessey Co., Coopers Buildings, Church Street, Liverpool, L1 3AN, England
- Syst.-Comput.-Controls (USA)** - (SYCCBB)
System-Computers-Controls Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA. English translation of selected articles from Trans. Inst. Electron. & Commun. Eng. A, B, C, D (Japan) and other primary Japanese periodicals
- Systems (S. Africa)** - (SYSMBJ)
Systems (Stelsels) Title changed to: *Syst. Inf. Manage. (S. Africa)*
- Szavimtel & Ugyviteltech. (Hungary)** - (SZUGDK)
Szavimtel es Ugyviteltechnika Lapkiado Vallalat, 1073 Budapest, Lenin korut 9-11, Hungary
- Szigma (Hungary)** - (SMKED9)
Sigma Akademiai Kiado, 1363 Budapest V, Alkotmany u. 21, Hungary
- Szko & Ceram. (Poland)** - (SZKCAN)
Szko i Ceramika Warszawa 1, Mokotowska 4/6, pok 40, Poland
- T.-I.-T. J. Life Sci. (USA)** - (TJLSA9)
T.-I.-T. Journal of Life Sciences T.-I.-T. Institute, P.O. Box 4563, Philadelphia, PA 19131, USA
- Takenaka Tech. Res. Rep. (Japan)** - (TGKHA1)
Takenaka Technical Research Report Takenaka Komuten Co. Ltd., 27 4-chome, Hommachi, Higashi-ku, Osaka, Japan
- Talanta (GB)** - (TLNTA2)
Talanta Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- TE Int. (Italy)** - (TEITDX)
TE International Issued with: *Tecnol. Elettr. (Italy)*
- Tec. Ital. (Italy)** - (TITLAL)
Tecnica Italiana Via Matteotti 55, 34071 Cormons (Gorizia), Italy
- Tec. Regul. & Mando Autom. (Spain)** - (TRAUBH)
Tecnica de la Regulacion y Mando Automatico Compania Espanola de Editoriales Tecnologicas Internacionales SA. (CETISA), Concepcion Arenal 5 y 7, Barcelona (16), Spain
- Tech. CEM (France)** - (TQCEB6)
Techniques CEM Cie Electro-Mecanique, 37 rue du Rocher, Paris 8, France
- Tech. Chron. (Greece)** - (TECHAW)
Technika Chronika Technical Chamber of Greece, Kolokotron Street, Athens, Greece
- Tech. Dig. (USA)** - (TCHDAV)
Technical Digest Western Electric Co., 555 Union Boulevard, Allentown, PA 18103, USA. Western Electric Co., Patent Organisation, Department 400, 555 Union Boulevard, Allentown, PA 18103
- Tech. Inf. GRW (Germany)** - (TIGRB9)
Technische Information GRW VEB Geräte und Regler Werke, 153 Teltow, bei Berlin, Ruhlsdorfer Strasse 23, Germany
- Tech. Knih. (Czechoslovakia)** - (TEKNAM)
Technicka Knihovna Editorial address: 113 57 Praha 1, Konviktska 5, Czechoslovakia
- Tech. Mess. tm (Germany)** - (TMAMDS)
Technisches Messen tm R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 8000 München 80, Germany
- Tech. Mitt. AEG-Telefunken (Germany)** - (TMATBD)
Technische Mitteilungen AEG-Telefunken Allgemeine Elektrizitäts Gesellschaft, Hohenzollerndamm 150, 1 Berlin 33, Germany
- Tech. Mitt. Krupp Forschungsber. (Germany)** - (TMKFAK)
Technische Mitteilungen Krupp Forschungsberichte Fachbucherei Krupp, Postfach 917, 43 Essen 1, Germany
- Tech. Mitt. Krupp Werksber. (Germany)** - (TMKWA3)
Technische Mitteilungen Krupp Werksberichte Friedr. Krupp GmbH, 43 Essen, Postfach 917, Germany
- Tech. Mitt. PTT (Switzerland)** - (TMPTAJ)
Technische Mitteilungen PTT (Bulletin Technique PTT. Bollettino Tecnico PTT) Generaldirektion PTT, Viktoriastrasse 21, 3000 Bern 33, Switzerland
- Tech. Mitt. RFZ (Germany)** - (TMRFAL)
Technische Mitteilungen des Rundfunk- und Fernsehtechnischen Zentralamtes Agastrasse, Berlin-Aldershof, Germany
- Tech. Mod. (France)** - (TEMDA2)
La Technique Moderne 7 Rue Cesar-Franck, 75015 Paris, France
- Tech. Radia & Telev. (Poland)** - (TRTLAG)
Technika Radia i Telewizji Wydawca - Wydawnictwa Radia i Telewizji, 02-724 Warszawa, ul. Chelmska 9/11, Poland
- Tech. Rep. Inst. At. Energy Kyoto Univ. (Japan)** - (TRAEB3)
Technical Reports of the Institute of Atomic Energy, Kyoto University Formerly: *Tech. Rep. Eng. Res. Inst. Kyoto Univ. (Japan)* Kyoto, Japan
- Tech. Res. Cent. Finland Electr. & Nucl. Technol. Publ. (ENCTAY)**
Technical Research Centre of Finland Electrical and Nuclear Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland
- Tech. Res. Cent. Finland Mater. & Process Technol. Publ. (TFMPBC)**
Technical Research Centre of Finland Materials and Process Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland
- Tech. Rundsch. (Switzerland)** - (TRCUAU)
Technische Rundschau Hallwag Verlag, Nordring 4, 3001 Bern, Switzerland
- Technica (Switzerland)** - (TCHNAR)
Technica E. Birkhauser, CH-4010 Basel 10, Switzerland
- Technik (Germany)** - (TEBEAI)
Technik VEB Verlag Technik, Oranienburgerstrasse 13/14, 102 Berlin, Germany
- Technion (Israel)** - (TCNNAN)
Technion Israel Institute of Technology, Technion City, Haifa, Israel
- Technol. Forecast. & Soc. Change (USA)** - (TFSCB3)
Technological Forecasting and Social Change Elsevier North Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Technol. Rep. Iwate Univ. (Japan)** - (TIWUAT)
Technology Reports of the Iwate University Faculty of Engineering, Morioka, Japan
- Technol. Rep. Kansai Univ. (Japan)** - (TRKUAW)
Technology Reports of Kansai University Faculty of Engineering, Kansai University, Senriyama, Suita-City, Osaka, Japan

- Technol. Rep. Kyushu Univ. (Japan)** - (KDKSAX)
Technology Reports of the Kyushu University Faculty of Engineering, Fukuoka, Japan
- Technol. Rep. Osaka Univ. (Japan)** - (TROUAI)
Technology Reports of the Osaka University Faculty of Engineering, Osaka University, Yamada-Kami, Suita, Osaka 565, Japan
- Technol. Rep. Seikei Univ. (Japan)** - (SKKGAW)
Technology Reports of the Seikei University College of Technology, Seikei University, Musashino-Shi, Tokyo, Japan, Japan
- Technol. Rep. Tohoku Univ. (Japan)** - (TRTUAG)
Technology Reports of the Tohoku University Sendai, Japan
- Tecnica (Portugal)** - (TECLAA)
Tecnica Associacao dos Estudantes do Instituto Superior Tecnico, Av. Rovisco Pais, Lisboa-1, Portugal
- Tecnol. Elettr. (Italy)** - (TEELDN)
Tecnologie Elettiche Intersazio Pubblicita S.r.l., Centro Commerciale Milano, San Felice, 20090 Segrate (Milano), Italy
- Tectonophysics (Netherlands)** - (TCTOAM)
Tectonophysics Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Tegnikon (S. Africa)** - (TEGNA2)
Tegnikon Die Suid-Afrikaanse Akademie vir Wetenskap en Kuns, Engelenburghuis, Hamiltonstraat, Postbus 538, Pretoria, South Africa
- Teh. Fiz. (Yugoslavia)** - (TEFIDJ)
Tehnicka Fizika (Journal of Engineering Physics) Universitet u Beograd, Zavod za Fiziku Tehnickih Fakulteta, Rizveltova 1a, 11000 Beograd, Yugoslavia
- Tehnika (Yugoslavia)** - (TEHBA5)
Tehnika Beograd, Kneza Milosa 7/11., Yugoslavia
- Tek. Ukebl. (Norway)** - (TUEGAJ)
Teknisk Ukeblad Ingeniørforlaget A/S, Ingeniørenes Hus, Kronprinsens Gt. 17, Boks 2476, Solli, Oslo 2, Norway
- Tekh. Elektrodin. (USSR)** - (TEKEDV)
Tekhnicheskaya Elektrodinamika Formerly: *Probl. Tekh. Elektrodin. (USSR)* Izdatel'stvo 'Nauka Dumka', 252601 Kiev GSP, Ul. Repina 3, USSR
- Tekh. Kibern. (USSR)** - (TEKIB8)
Tekhnicheskaya Kibernetika Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Eng. Cybern. (USA)*]
- Tekh. Kino & Telev. (USSR)** - (TKTEAE)
Tekhnika Kino i Televideniya Leningradskii Prospekt 47, Moskva A-167, USSR
- Tekh. Misul (Bulgaria)** - (TKMSBM)
Tekhnicheska Misul Bulgarska Akademiya na Naukite, Kv. Geo Milev, Ul. 36, BAN, IV Blok, Sofia, Bulgaria
- Tekscope (USA)** - (TEKSC5)
Tekscope Tektronix Inc., P.O. Box 500, Beaverton, OR 97005, USA
- Telecom Rep. (Germany)** - (TELRD8)
Telecom Report Siemens Aktiengesellschaft, Machtlinger Strasse 10, Postfach 70 00 79, D-8000 München 70, Germany
- Tele (Swed. Ed.) (Sweden)** - (TELEBZ)
Tele (Swedish Edition) Marbackagatan 11, 123 86 Farsta, Sweden
- Telecommun. & Radio Eng. Part 1 (USA)** - (TCREAG)
Telecommunications and Radio Engineering Part 1: Telecommunications [Translation of: *Elektrosvyaz (USSR)*] Scripta Publishing Co., 1511 K Street, N.W., Washington, DC 20005, USA
- Telecommun. & Radio Eng. Part 2 (USA)** - (TCREAG)
Telecommunications and Radio Engineering Part 2: Radio Engineering [Translation of: *Radiotekhnika, Moskva (USSR)*] Scripta Publishing Co., 1511 K Street, N.W., Washington, DC 20005, USA
- Telecommun. J. (Engl. Ed.) (Switzerland)** - (TCJOAG)
Telecommunication Journal (English Edition) International Telecommunications Union, Place des Nations, 1211 Geneva 20, Switzerland
- Telecommun. J. Aust. (Australia)** - (TCJAAW)
Telecommunication Journal of Australia Telecommunication Society of Australia, Box 4050, GPO Melbourne, 3001, Victoria, Australia
- Telecommun. Policy (GB)** - (TEPODJ)
Telecommunications Policy IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford GU2 5BH, Surrey, England
- Telecommunications (India)** - (TCMSAX)
Telecommunications Telecommunication Training Centre Building, Ridge Road, Jabalpur 6 (MP), India
- Telecommunications (USA)** - (TLCOAY)
Telecommunications 610 Washington Street, Dedham, MA 02026, USA
- Telecomunicazioni (Italy)** - (TLCZAX)
Telecomunicazioni Società Italiana Telecomunicazioni Siemens s.p.a., 20149 Milano, Piazzale Zavattari 12, Italy
- Telegr. & Telef. (Netherlands)** - (TETEAG)
Telegraaf en Telefoon Vereniging van Hoger Personeel der PTT, Perestraat 187, Den Haag, Netherlands
- Telekomunikacije (Yugoslavia)** - (TLKMAY)
Telekomunikacije Zajednica JPTT, Beograd, Palmotice va 2, Yugoslavia
- Elektronikk (Norway)** - (TKTKAW)
Elektronikk Telegrafstyrets Bibliotek, Kongensgt. 21, Oslo, Norway
- Teleph. Eng. & Manage. (USA)** - (TPEMAW)
Telephone Engineer and Management Harcourt Brace Jovanovich Publications, 124 South First Street, Geneva, IL 60134, USA
- Telephony (USA)** - (TLPNAS)
Telephony Telephony Publishing Corp., 55 East Jackson Boulevard, Chicago, IL 60604, USA
- Telesis (Canada)** - (TLSSAO)
Telesis Bell-Northern Research, P.O. Box 3511, Station 'C', Ottawa, Ontario K1V 4H7, Canada
- Teleteknik (Engl. Ed.) (Denmark)** - (TLKKAS)
Teleteknik (English Edition) 16 Kannekegade, DK 8000 Aarhus C, Denmark
- Telettra Rev. (Italy)** - (TREVD8)
Telettra Review Telettra S.p.A., Via trento 30, Vimercate, Milano, Italy
- Television (GB)** - (TVSCAC)
Television IPC Magazines Ltd., Lavington House, Lavington Street, London SE1 0PF, England
- Television (J. R. Telev. Soc.) (GB)** - (TELED3)
Television (Journal of the Royal Television Society) Formerly: *R. Telev. Soc. J. (GB)* Tavistock House East, Tavistock Square, London, WC1H 9HR, England
- Tellus (Sweden)** - (TELLAL)
Tellus Svenska Geofysiska Foreningen, Arrhenius Laboratoriet, S-106 91 Stockholm, Sweden
- Telonde (France)** - (TLNDAM)
Telonde Thomson-CSF, BP 2000, 78-Versailles, France
- Teor. & Eksp. Khim. (USSR)** - (TEKHA4)
Teoreticheskaya i Eksperimental'naya Khimiya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theor. & Exp. Chem. (USA)*]
- Teor. & Mat. Fiz. (USSR)** - (TMFZAL)
Teoreticheskaya i Matematicheskaya Fizika Editorial address: Department of Theoretical Physics, Institute of Mathematics, Academy of Sciences of the USSR, Moscow, USSR [English translation in: *Theor. & Math. Phys. (USA)*]
- Teor. Veroyatn. & Primen. (USSR)** - (TVPRA8)
Teoriya Veroyatnostei i ee Primeneniya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theory Probab. & Appl. (USA)*]
- Teplotnergetika (USSR)** - (TPOLA5)
Teplotnergetika Krasnoznamennaya ul., d. 14, Moskva, E-250, USSR [English translations of selected articles in: *Therm. Eng. (GB)*]
- Teplotfiz. & Teplotekh. (USSR)** - (TFTTAO)
Teplotfizika i Teplotekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Teplotfiz. Vys. Temp. (USSR)** - (TVYTPA)
Teplotfizika Vysokikh Temperatur Akademiya Nauk SSSR, 17 Korpus 2, Moskva E-250, USSR [English translation in: *High Temp. (USA)*]
- TESLA Electron. (Czechoslovakia)** - (TNPTAQ)
TESLA Electronics TESLA Electronics and Telecommunications, Karlova nam. 7, Praha 2, Czechoslovakia
- Test (GB)** - (TESTDF)
Test Network, Printers Mews, Market Hill, Buckingham MK18 1JX, England
- Texas J. Sci. (USA)** - (TJSJCAU)
Texas Journal of Science The Talley Press, San Angelo, Texas, USA
- Texture Cryst. Solids (GB)** - (TCSODK)
Texture of Crystalline Solids Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England
- Theor. & Exp. Chem. (USA)** - (TEXCAK)
Theoretical and Experimental Chemistry [Translation of: *Teor. & Eksp. Khim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Theor. & Math. Phys. (USA)** - (TMPHAH)
Theoretical and Mathematical Physics [Translation of: *Teor. & Mat. Fiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Theor. Chim. Acta (Germany)** - (TCHAAU)
Theoretica Chimica Acta Springer-Verlag, D-1000 Berlin 33, Heidelberg Platz 3, Germany
- Theor. Comput. Sci. (Netherlands)** - (TCSCDI)
Theoretical Computer Science North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Theory Probab. & Appl. (USA)** - (TPRBAU)
Theory of Probability and its Applications [Translation of: *Teor. Veroyatn. & Primen. (USSR)*] Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA
- Therm. Eng. (GB)** - (THENAD)
Thermal Engineering [Translation of: *Teplotnergetika (USSR)*] British Library Lending Division, Boston Spa, Wetherby, West Yorks. LS23 7BQ, England. Distribution Centre, Blackhorse Road, Letchworth, Herts. SG6 1HN
- Thin Solid Films (Switzerland)** - (THSFAP)
Thin Solid Films Elsevier Sequia, P.O. Box 851, 1001 Lausanne 1, Switzerland
- Tidskr. Dok. (Sweden)** - (TDDKA5)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, 161 11 Bromma 11, Sweden
- Tijdschr. Ned. Elektron. & Radiogenoot. (Netherlands)** - (NERTA9)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, Leidschendam, Netherlands
- Toim. Eesti NSV Tead. Akad. Fuus. Mat. (USSR)** - (ETFMFB3)
Eesti NSV Teaduste Akadeemia Toimetised. Fuusika, Matemaatika Sakala 3, Tallinn, Estonia, USSR
- Tokyo Astron. Bull. (Japan)** - (TKABAC)
Tokyo Astronomical Bulletin Tokyo Astronomical Observatory, University of Tokyo, Mitaka, Tokyo, Japan
- Tokyo Astron. Obs. Rep. (Japan)** - (TAORAQ)
Tokyo Astronomical Observatory Report University of Tokyo, Mitaka, Tokyo, Japan
- Tokyo Astron. Obs. Time & Latitude Bull. (Japan)** - (TATLBY)
Tokyo Astronomical Observatory Time and Latitude Bulletins Mitaka, Tokyo, Japan
- Tool. & Prod. (USA)** - (TOPRAR)
Tooling and Production Huebner Publications, 5821 Harper Road, Solon, OH 44139, USA
- Toshiba Rev. (Int. Ed.) (Japan)** - (TRIEAR8)
Toshiba Review (International Edition) Tokyo Shibaura Electric Co., 1, Komukai Toshiba-cho, Kawasaki, Japan
- Toute Electron. (France)** - (TOELAM)
Toute l'Electronique Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France
- Tr. Ordena Lenina Fiz. Inst. P.N. Lebedeva (USSR)**
Trudy Ordena Lenina Fizicheskogo Instituta Im. P.N. Lebedeva. Akademiya Nauk SSSR, Moskva, USSR
- Traffic Eng. & Control (GB)** - (TENCA4)
Traffic Engineering & Control Printerhat Ltd., 29 Newman Street, London, W1P 3PE, England
- Traffic Manage. Int. (USA)** - (TMIND3)
Traffic Management International Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA
- Trans. & J. Br. Ceram. Soc. (GB)** - (TJBACD)
Transactions and Journal of the British Ceramic Society Shelton House, Stoke-on-Trent, England
- Trans. Am. Nucl. Soc. (USA)** - (TANSOA)
Transactions of the American Nuclear Society American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA
- Trans. ASME. J. Appl. Mech. (USA)** - (JAMCAV)
Transactions of the ASME. Journal of Applied Mechanics American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Biomech. Eng. (USA)** - (JBENDY)
Transactions of the ASME. Journal of Biomechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

- Trans. ASME. J. Dyn. Syst. Meas. & Control (USA)** - (JDSMAA)
Transactions of the ASME. Journal of Dynamic Systems, Measurement and Control American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Energy Resour. Technol. (USA)** - (JERTD2)
Transactions of the ASME. Journal of Energy Resources Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Eng. Ind. (USA)** - (JEFIA8)
Transactions of the ASME. Journal of Engineering for Industry American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Eng. Mater. & Technol. (USA)** - (JEMTA8)
Transactions of the ASME. Journal of Engineering Materials and Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Eng. Power (USA)** - (JEPOA8)
Transactions of the ASME. Journal of Engineering for Power American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Fluids Eng. (USA)** - (JFEQA4)
Transactions of the ASME. Journal of Fluids Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Heat Transfer (USA)** - (JHTRA0)
Transactions of the ASME. Journal of Heat Transfer American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Lubr. Technol. (USA)** - (JLUTAT)
Transactions of the ASME. Journal of Lubrication Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Mech. Des. (USA)** - (JMDDED)
Transactions of the ASME. Journal of Mechanical Design American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Pressure Vessel Technol. (USA)** - (JPVTAS)
Transactions of the ASME. Journal of Pressure Vessel Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. ASME. J. Sol. Energy Eng. (USA)** - (JSEED0)
Transactions of the ASME. Journal of Solar Energy Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Trans. Bose Res. Inst. (India)** - (TBICAQ)
Transactions of the Bose Research Institute 93/1 Acharya Prafulla Chandra Road, Calcutta 9, India
- Trans. Electr. Supply Auth. Eng. Inst. N.Z. (New Zealand)** - (TSAZD7)
Transactions of the Electric Supply Authority Engineers' Institute of New Zealand Inc. P.O. Box 3047, Wellington, New Zealand
- Trans. Inf. Process. Soc. Jpn. (Japan)** - (JSGRDS)
Transactions of the Information Processing Society of Japan Kikai-Shinko-Kai Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan
- Trans. Inst. Chem. Eng. (GB)** - (TICEAH)
Transactions of the Institution of Chemical Engineers 16 Belgrave Square, London SW1X 8PT, England
- Trans. Inst. Electr. Eng. Jpn. Part A (Japan)** - (DGKRA8)
Transactions of the Institute of Electrical Engineers of Japan, Part A Yuraku-cho, Chiyoda-ku, Tokyo, Japan
- Trans. Inst. Electr. Eng. Jpn. Part B (Japan)** - (DGRBDW)
Transactions of the Institute of Electrical Engineers of Japan, Part B Yuraku-cho, Chiyoda-ku, Tokyo, Japan
- Trans. Inst. Electr. Eng. Jpn. Part C (Japan)** - (DGRCDZ)
Transactions of the Institute of Electrical Engineers of Japan, Part C Yuraku-cho, Chiyoda-ku, Tokyo, Japan
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part A (Japan)** - (DTGABT)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part A Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan. English translation of selected articles appear in Electron. & Commun. Jap. (USA) and Syst. Comput. Control (USA)
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part B (Japan)** - (DTGBBW)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part B Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan. English translation of selected articles appear in Electron. & Commun. Jap. (USA) and Syst. Comput. Control (USA)
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part C (Japan)** - (DTGCAY)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part C Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan. English translation of selected articles appear in Electron. & Commun. Jap. (USA) and Syst. Comput. Control (USA)
- Trans. Inst. Electron. & Commun. Eng. Jpn. Part D (Japan)** - (DTGDA3)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part D Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo 105, Japan. English translation of selected articles appear in Electron. & Commun. Jap. (USA) and Syst. Comput. Control (USA)
- Trans. Inst. Electron. & Commun. Eng. Jpn. Sect. E (Japan)** - (TIEEDU)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Section E (English) Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-8 Shibakoen 3 Chome, Minato-ku, Tokyo, Japan. Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Trans. Inst. Electron. & Commun. Eng. Jpn. Parts A, B, C and D (Japan)
- Trans. Inst. Eng. Aust. Civ. Eng. (Australia)** - (TEACDA)
Transactions of the Institution of Engineers, Australia, Civil Engineering Formerly: Inst. Eng. Aust. Civ. Eng. Trans. (Australia) 11 National Circuit, Barton, A.C.T. 2600, Australia
- Trans. Inst. Eng. Aust. Electr. Eng. (Australia)** - (TEAEDG)
Transactions of the Institution of Engineers, Australia Electrical Engineering Formerly: Inst. Eng. Aust. Electr. Eng. Trans. (Australia) 11 National Circuit, Barton, A.C.T. 2600, Australia
- Trans. Inst. Eng. Aust. Mech. Eng. (Australia)** - (TEAMD6)
Transactions of the Institution of Engineers, Australia Mechanical Engineering Formerly: Inst. Eng. Aust. Mech. Eng. Trans. (Australia) 11 National Circuit, Barton, A.C.T. 2600, Australia
- Trans. Inst. Meas. & Control (GB)** - (TICODG)
Transactions of the Institute of Measurement and Control 20 Peel Street, London W8 7DP, England
- Trans. Inst. Met. Finish. (GB)** - (TIMFA2)
Transactions of the Institute of Metal Finishing 178 Goswell Road, London EC1, England
- Trans. Jpn. Inst. Met. (Japan)** - (TJIMAA)
Transactions of the Japan Institute of Metals Japan Institute of Metals, Aoba Araniaki, Sendai 980, Japan
- Trans. Natl. Res. Inst. Met. (Japan)** - (TNRMAF)
Transactions of National Research Institute for Metals 3-12, 2-chome, Nakameguro, Meguro-ku, Tokyo, Japan
- Trans. North East Coast Inst. Eng. Shipbuild. (GB)** - (TNEEAS)
Transactions of the North East Coast Institution of Engineers and Shipbuilders Sunderland Polytechnic, Chester Road, Sunderland, Tyne and Wear SR1 3SD, England
- Trans. R. Soc. Can. (Canada)** - (TRSCAI)
Transactions of the Royal Society of Canada (Memoires de la Societe Royale du Canada) National Library, 395 Wellington Street, Ottawa 4, Canada. University of Toronto Press, Toronto 5, Ontario
- Trans. Rhod. Sci. Assoc. (Rhodesia)** - (TRSADF)
Transactions of the Rhodesia Scientific Association Title changed to: Trans. Zimbabwe Sci. Assoc.
- Trans. S. Afr. Inst. Electr. Eng. (S. Africa)** - (TSAEA9)
Transactions of the South African Institute of Electrical Engineers Kelvin Publications, Loveday Street, P.O. Box 2988, 2000 Johannesburg, South Africa
- Trans. SAEST (India)** - (TSETA6)
Transactions of the Society for Advancement of Electrochemical Science and Technology Cecrinagar, Karakudi-3, Tamil Nadu, India
- Trans. Soc. Instrum. & Control Eng. (Japan)** - (TSICAA9)
Transactions of the Society of Instrument and Control Engineers Kotohira Annex, 39 Kotohira-cho Shiba, Minato-ku, Tokyo 105, Japan
- Trans. Tech. Sect. Can. Pulp & Pap. Assoc. (Canada)** - (TSCPDJ)
Transactions of the Technical Section, Canadian Pulp and Paper Association 2300 Sun Life Building, Montreal, Que. H3B 2X9, Canada
- Trans. Zimbabwe Sci. Assoc.** - (TZASDZ)
Transactions of the Zimbabwe Scientific Association Formerly: Trans. Rhod. Sci. Assoc. (Rhodesia) M.O. Collins (Pvt.) Ltd., P.O. Box 3094, Salisbury, Zimbabwe
- Transducer Technol. (GB)** - (TTECDX)
Transducer Technology Industrial Media Ltd., 6 Frant Road, Tunbridge Wells, Kent TN2 5SJ, England
- Transelektro News (Hungary)** - (TREKB7)
Transelektro News Hungarian Trading Co. for Electrical Equipment and Supplies, Budapest 62, PO Box 337, Hungary
- Transm. & Distrib. (USA)** - (TRDIAT)
Transmission and Distribution Cleworth Publishing Co., One River Road, Cos Cob, CT 16807, USA
- Transp. Plann. & Technol. (GB)** - (TPLTAK)
Transport Planning and Technology Gordon and Breach Science Publications Ltd. 41 and 42 William IV Street, London, WC2, England
- Transp. Res. Part A (GB)** - (TRAGDB)
Transportation Research Part A: General Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Transp. Res. Part B (GB)** - (TRBMDY)
Transportation Research Part B: Methodological Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Transp. Sci. (USA)** - (TRSCBJ)
Transportation Science Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Transp. Theory & Stat. Phys. (USA)** - (TTSPB4)
Transport Theory and Statistical Physics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Tribology Int. (GB)** - (TRBIBK)
Tribology International IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, England
- Tud. & Musz. Tajek. (Hungary)** - (TMTAAG)
Tudományos és Muszaki Tajekoztatás Országos Muszaki Könyvtár és Dokumentációs Központ, Budapest VIII, Reviczky u. 6, Hungary
- Uegyvitel & Inf. Allamigazgatásban (Hungary)** - (UIALD8)
Ügyvitel és Információ az Államigazgatásban Lapkiado Vallalat, Lenin körút 9-11, Budapest VII, Hungary
- Ukr. Fiz. Zh. (USSR)** - (UFIZAW)
Ukrayins'kyi Fizychny Zhurnal 'Naukova Dumka', Kiev, Repina 3, USSR
- Ultramicroscopy (Netherlands)** - (ULTRD6)
Ultramicroscopy North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Ultrason. Imaging (USA)** - (ULIMD4)
Ultrasonic Imaging Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Ultrasonics (GB)** - (ULTRA3)
Ultrasonics IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH Guildford, Surrey GU1 3EW, England
- Ultrason. Med. & Biol. (GB)** - (USMBA3)
Ultrason. in Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Umsch. Wiss. & Tech. (Germany)** - (UWTCZ)
Umschau in Wissenschaft und Technik Umschau Verlag, Stuttgarter Strasse 18-24, 6 Frankfurt am Main, Germany
- Und-oder-Nor & Steuerungstechn. (Germany)** - (UONSDY)
Und-oder-Nor & Steuerungstechnik Distribution-Verlag GmbH, 65 Mainz, Lessingstrasse 12-14, Germany
- Unesco J. Inf. Sci. Librarianship & Arch. Adm. (France)** - (UJIADM)
Unesco Journal of Information Science, Librarianship and Archives Administration United Nations Educational, Scientific and Cultural Organization, 7 Place de Fontenay, 75700 Paris, France
- Union Burma J. Sci. & Technol.** - (UBISAM)
Union of Burma Journal of Science and Technology Union of Burma Applied Research Institute, Yankin P.O., Rangoon, Burma
- Univ. Tripoli Bull. Fac. Eng. (Libya)** - (BFETDQ)
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya

- Usp. Fiz. Nauk (USSR)** - (UFNAAG)
Uspekhi Fizicheskii Nauk Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Usp. (USA)*]
- USSR Comput. Math. & Math. Phys. (GB)** - (CMMPA9)
U.S.S.R. Computational Mathematics and Mathematical Physics [Translation of: *Zh. Vychisl. Mat. & Mat. Fiz. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- UV Spectrom. Group Bull. (GB)** - (UVSGAZ)
UV Spectrometry Group Bulletin Formerly: *Photoelectr. Spectrom. Group Bull. (GB)* c/o Pye Unicam Ltd., York Street, Cambridge, CB1 2PX, England
- Vac News (India)** - (VACNBB)
Vac News Indian Vacuum Society, c/o Technical Physics Division, Bhabha Atomic Research Centre, Trombay, Bombay 400 085, India
- Vacuum (GB)** - (VACUAV)
Vacuum Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Vak.-Tech. (Germany)** - (VAKTAY)
Vakuum-Technik Rudolf A. Lang Verlag, Postfach, 6270 Idstein/Taunus, Germany
- VDE Fachber. (Germany)** - (VDEFAH)
VDE Fachberichte Verband Deutscher Elektrotechniker, Bismarckstrasse 33, 1000 Berlin 12, Germany
- VDI Z. (Germany)** - (VDIZAT)
VDI Zeitschrift Verlag des Vereins Deutscher Ingenieure, Graf-Recke Strasse 84, 4 Dusseldorf 1, Germany
- Veh. Syst. Dyn. (Netherlands)** - (VSDYAA4)
Vehicle System Dynamics Swets & Zeitlinger N.V., 347B Heereweg, Lisse, Netherlands
- Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. Kl. Wet. (Belgium)** - (VKKWAB)
Verhandelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België, Klasse der Wetenschappen Paleis der Academiën, Hertogstraat 1, B-1000 Brussel, Belgium
- Verkstaederna (Sweden)** - (VSTDAL)
Verkstaederna Storgatan 5, Box 5510, 114 85 Stockholm 5, Sweden
- Vertica (GB)** - (VERTDW)
Vertica Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Vestn. Leningr. Univ. Fiz. & Khim. (USSR)** - (VLUFBI)
Vestnik Leningradskogo Universiteta Fizika i Khimiya Leningrad University Press, Universitetskaya Nab.7/9, Leningrad B-164, USSR
- Vestn. Leningr. Univ. Ser. Mat. Mekh. & Astron. (USSR)** - (VLUA2)
Vestnik Leningradskogo Universiteta Seriya: Matematika, Mekhanika i Astronomiya Universitetskaya Nab.7/9, Leningrad B-164, USSR
- Vestn. Mashinost. (USSR)** - (VMASAV)
Vestnik Mashinostroeniya Mashinostroenie, Prospekt Mira, d. 106, Moskva, GSP-110, USSR [English translation in: *Russ. Eng. J. (GB)*]
- Vestn. Mosk. Univ. Fiz. Astron. (USSR)** - (VMUFAO)
Vestnik Moskovskogo Universiteta - Fizika, Astronomiya Title changed to: *Vestn. Mosk. Univ. Ser. 3 (USSR)*
- Vestn. Mosk. Univ. Mat. Mekh. (USSR)** - (VMMMA5)
Vestnik Moskovskogo Universiteta. Matematika, Mekhanika Title changed to: *Vestn. Mosk. Univ. Ser. 1 (USSR)*
- Vestn. Mosk. Univ. Ser. 15 (USSR)** - (VMUKD8)
Vestnik Moskovskogo Universiteta, Seriya 15, Vychislitel'naya Matematika i Kibernetika Izdatel'stvo Moskovskogo Universiteta, Moskva, 103009, Ul. Gertsena 5-7, USSR [English translation in: *Moscow Univ. Comput. Math. & Cybern. (USA)*]
- Vestn. Mosk. Univ. Ser. 1 (USSR)** - (VMMMA5)
Vestnik Moskovskogo Universiteta, Seriya 1, Matematika i Mekhanika Formerly: *Vestn. Mosk. Univ. Mat. Mekh. (USSR)* Izdatel'stvo Moskovskogo Universiteta, 103009 Moskva, Ul. Gertsena 5/7, USSR
- Vestn. Mosk. Univ. Ser. 3 (USSR)** - (VMUFAO)
Vestnik Moskovskogo Universiteta, Seriya 3, Fizika i Astronomiya Formerly: *Vestn. Mosk. Univ. Fiz. Astron. (USSR)* Izdatel'stvo Moskovskogo Universiteta, 103009 Moskva, Ul. Gertsena 5/7, USSR [English translation in: *Moscow Univ. Phys. Bull. (USA)*]
- Vestn. Akad. Nauk BSSR Ser. Fiz. Energ. Nauk** - (VABFAF)
Vestni Akademii Nauk BSSR. Seriya Fizika Energetichnykh Nauk "Nauki i Tekhnika", Leninskiy Prospekt 68, Minsk, USSR
- Vide les Couches Minces (France)** - (VCMIDS)
Le Vide les Couches Minces Societe Francaise du Vide, 19 rue du Renard, 75004 Paris, France
- Vignana Bharathi (India)** - (VBHAD6)
Vignana Bharathi Department of Publications & Extension, Bangalore University, Bangalore 560056, India
- Villamossag (Hungary)** - (VILMSAG)
Villamossag Lapiádo Vallalt, Lenin Korut 9-11, Budapest VII, Hungary
- VINE (GB)** - (VINEDT)
VINE University of Southampton, Southampton SO9 5NH, England
- Visible Lang. (USA)** - (VSLGAO)
Visible Language c/o Cleveland Museum of Art, Cleveland, OH 44106, USA
- Vision Res. (GB)** - (VISRAM)
Vision Research Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Vistas Astron. (GB)** - (VASTA6)
Vistas in Astronomy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Vrashchenie i Prilivnye Deform. Zemli (USSR)** - (VPDZAK)
Vrashchenie i Prilivnye Deformatsii Zemli Izdatel'stvo "Naukova Dumka", Kiev, Repina 3, USSR
- Vyber Inf. Organ. Vypocetni Tech. (Czechoslovakia)** - (VIOTDB)
Vyber Informaci z Organizacni a Vypocetni Techniky Narodni Organizace Technické Obsluhy (NOTO), Praha 1, Na Perstevne 6, Czechoslovakia
- Vychisl. Metody & Program. (USSR)** - (VYMPAU)
Vychislitel'nye Metody i Programirovanie Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena d. 5/7, USSR
- Vysokomol. Soedin. Ser. A (USSR)** - (VYSAAF)
Vysokomolekulyarnye Soedineniya, Seriya A Akademiya Nauk USSR, Leninskii Prospekt, Moskva, USSR [English translation in: *Polym. Sci. USSR (GB)*]
- Waerme (Germany)** - (WARMAP)
Waerme Adelheidstrasse 28, 8 Munchen 40, Germany
- Waerme- & Stoffuebertrag. (Germany)** - (WASBBW)
Waerme- und Stoffuebertragung Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany
- Water Res. (GB)** - (WATRAG)
Water Research Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Water Resour. Res. (USA)** - (WRERAQ)
Water Resources Research American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA
- Water, Air & Soil Pollut. (Netherlands)** - (WAPLAC)
Water, Air and Soil Pollution Dr. Billy M. McCormac, 12861 Alta Tierra Road, Los Altos Hills, CA 94022, USA
- Wave Electron. (Netherlands)** - (WAELDS)
Wave Electronics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Wave Motion (Netherlands)** - (WAMOD9)
Wave Motion North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- Wear (Switzerland)** - (WEARCI)
Wear Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Weather (GB)** - (WTHRAL)
Weather James Glaisher House, Grenville Place, Bracknell, Berks RG12 1BX, England
- Weld. & Met. Fabr. (GB)** - (WLMFAM)
Welding and Metal Fabrication IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Weld. Des. & Fabr. (USA)** - (WDEFAS)
Welding Design and Fabrication Industrial Publishing Co., 614 Superior Avenue, W., Cleveland, OH 44113, USA
- Weld. Prod. (GB)** - (WEPROA)
Welding Production [Translation of: *Svar. Proizvod. (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England
- Werkstatt & Betr. (Germany)** - (WKUBA9)
Werkstatt und Betrieb Carl Hanser Verlag, Kolbergstrasse 22, D-8000 Munchen 80, Germany
- Western Electric Eng. (USA)** - (WELEAX)
Western Electric Engineer Western Electric Co., 222 Broadway, New York, NY 10038, USA
- Which Comput. (GB)** - (WHCOD8)
Which Computer? Which Computer? Ltd., 30-31 Islington Green, London N1, England
- Which Word Process. (GB)** - (WWRPDH)
Which Word Processor? Issued with: *Which Comput. (GB)*
- Wiad. Elektrotech. (Poland)** - (WDELAC)
Wiadomości Elektrotechniczne Wydawnictwa Czasopism i Książek Technicznych, ul. Światokrzyska 14a, 00-950 Warszawa, Skrytka 1004, Poland
- Wiad. Telekom. (Poland)** - (WDTEAW)
Wiadomości Telekomunikacyjne Editorial address: Warszawa, Kazimierzowska 52, Poland
- Wire (Germany)** - (WIRDAK)
Wire Meisenbach KG, Hainstrasse 18, P.O. Box 2069, D-8600 Bamberg, Germany
- Wire Technol. (USA)** - (WITED2)
Wire Technology P.O. Box 480, Stamford, CT 06904, USA
- Wire World Int. (Germany)** - (WWINAZ)
Wire World International Vogel-Verlag, Talstrasse 32a, P.O. Box 8311, D-4000 Dusseldorf, Germany
- Wireless World (GB)** - (WIWOAA)
Wireless World IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Wiring Install. & Supplies (GB)** - (WISUDB)
Wiring Installations and Supplies Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Wiss. Ber. AEG-Telefunken (Germany)** - (WBATB3)
Wissenschaftliche Berichte AEG-Telefunken Elitera Verlag, 1 Berlin 33 (Grunewald), Fritz-Wildungstrasse 22, Germany
- Wiss. Z. Friedrich-Schiller-Univ. Jena, Math. Naturwiss. Reihe (Germany)** - (WZFMA4)
Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena, Mathematisch-Naturwissenschaftliche Reihe Friedrich-Schiller Universität, Jena, Am Anger 24, Germany
- Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Naturwiss. Reihe (Germany)** - (WZMNA8)
Wissenschaftliche Zeitschrift Karl-Marx-Universität Leipzig, Mathematisch-Naturwissenschaftliche Reihe 701 Leipzig, Ritterstrasse 14, Germany
- Wiss. Z. Tech. Hochschule Ilmenau (Germany)** - (WZTHAP)
Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau Strasse der Jungen Techniker 21, Ilmenau, Germany
- Wiss. Z. Tech. Hochschule Karl-Marx-Stadt (Germany)** - (WZTKAY)
Wissenschaftliche Zeitschrift der Technischen Hochschule Karl-Marx-Stadt DDR-9001, Karl-Marx-Stadt, Postfach 964, Germany
- Wiss. Z. Tech. Hochschule Otto von Guericke Magdeburg (Germany)** - (WCGMAI)
Wissenschaftliche Zeitschrift der Technischen Hochschule Otto von Guericke Magdeburg 3010 Magdeburg, PSF 124, Germany
- Wiss. Z. Tech. Univ. Dresden (Germany)** - (WZTUUAU)
Wissenschaftliche Zeitschrift der Technischen Universität Dresden Mommsenstrasse 13, Dresden A227, Germany
- Wiss. Z. Univ. Rostock Ges.-Sprachwiss. Reihe (Germany)** - (WZRGAC)
Wissenschaftliche Zeitschrift der Universität Rostock. Gesellschafts- und Sprachwissenschaftliche Reihe Rostock, Vogelsang 13/14, Germany
- Word Process. Syst. (USA)** - (WPSYD4)
Word Processing Systems Title changed to: *Word Process. & Inf. Syst. (USA)*
- Wuli (China)** - (WULIAL)
Wuli Science Press, Peking, People's Republic of China. Subscription address: Guozhi Shudian, P.O. Box 399, Peking
- X-ray Spectrom. (GB)** - (XRSPAX)
X-ray Spectrometry Heyden & Son Ltd., Spectrum House, Hillview Gardens, London NW4 2JQ, England

Yad. Fiz. (USSR) - (IDFZA7)

Yadernaya Fizika Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Pod-sosenskii Per. 24, USSR [English translation in: Sov. J. Nucl. Phys. (USA)]

Yogyo-Kyokai-Shi (Japan) - (YGKSA4)

Yogyo-Kyokai-Shi (Journal of the Ceramic Society of Japan) 22-17, 2-chome, Hyakunin-cho, Shinjuku-ku, Tokyo 160, Japan

Z. Allg. Wissenschaftstheor. (Germany) - (ZAWTA2)

Zeitschrift für Allgemeine Wissenschaftstheorie (Journal for General Philosophy of Science) Franz Steiner Verlag, 62 Wiesbaden, Postfach 5529, Germany

Z. Angew. Math. & Mech. (Germany) - (ZAMMAX)

Zeitschrift für angewandte Mathematik und Mechanik Akademie-Verlag GmbH, 108 Berlin, Leipziger Strasse 3-4, Germany

Z. Angew. Math. & Phys. (Switzerland) - (ZAMPA8)

Zeitschrift für angewandte Mathematik und Physik Verlag Birkhauser, Postfach 4000, Basel 24, Switzerland

Z. Eisenbahnwes. & Verkehrstechn. (Glaser's Ann.) (Germany) - (ZEVGAK)

Zeitschrift für Eisenbahnwesen und Verkehrstechnik (Glaser's Annalen) George Siemens Verlagsbuchhandlung, 1 Berlin 30, Lutzstrasse 105/106, Germany

Z. Elektr. Inf.- & Energietechn. (Germany) - (ZEIZAC)

Zeitschrift für Elektrische Informations- und Energietechnik Akademische Verlagsgesellschaft Geest & Portig K.G., DDR 701 Leipzig, Sternwartenstrasse 8, Germany. Formerly: Hochfrequenztech. & Elektroakust. (Germany) and Wiss. Z. Elektrotech. (Germany)

Z. Flugwiss. & Weltraumforsch. (Germany) - (ZFWEDT)

Zeitschrift für Flugwissenschaften und Weltraumforschung DFVLR, Postfach 3267, D-3000 Braunschweig, Germany

Z. Math. Logik & Grundlagen Math. (Germany) - (ZMLGAQ)

Zeitschrift für Mathematische Logik und Grundlagen der Mathematik Deutscher Buch-Export und Import GmbH, 701 Leipzig, Leninstrasse 16, Germany

Z. Metallkd. (Germany) - (ZEMTAE)

Zeitschrift für Metallkunde Dr. Riederer-Verlag GmbH., D-7 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany

Z. Naturforsch. a (Germany) - (ZENAAU)

Zeitschrift für Naturforschung (a): Astrophysik, Physik und physikalische Chemie P.O. Box 2645, D-7400 Tübingen, Germany

Z. Oper. Res. Ser. A (Germany) - (ZORTB8)

Zeitschrift für Operations Research, Serie A: Theorie Physica-Verlag Rudolf Liebig KG, D-87 Würzburg 2, Werner von Siemens Strasse 5, Germany

Z. Oper. Res. Ser. B (Germany) - (ZORPBU)

Zeitschrift für Operations Research, Serie B: Praxis Physica-Verlag Rudolf Liebig KG, D-87 Würzburg 2, Werner von Siemens Strasse 5, Germany

Z. Phys. A (Germany) - (ZPAADB)

Zeitschrift für Physik A (Atoms and Nuclei) Springer-Verlag, D-6900 Heidelberg 1 Postfach 105 280, Germany

Z. Phys. B (Germany) - (ZPBBDJ)

Zeitschrift für Physik B (Condensed Matter and Quanta) Springer-Verlag, D-6900 Heidelberg 1, Postfach 105 280, Germany

Z. Phys. C (Germany) - (ZPCFD2)

Zeitschrift für Physik C (Particles and Fields) Springer-Verlag, P.O. Box 105280, D-6900 Heidelberg 1, Germany

Z. Phys. Chem., Leipzig (Germany) - (ZPCLAH)

Zeitschrift für physikalische Chemie Akademische Verlagsgesellschaft Geest und Portig K.-G., Sternwartenstrasse 8, 701 Leipzig, Germany

Z. Phys. Chem., Wiesbaden (Germany) - (ZPCFAX)

Zeitschrift für physikalische Chemie. Neue Folge Akademische Verlagsgesellschaft, Bahnhofstrasse 39, 6200 Wiesbaden, Germany

Z. Vermessungswes. (Germany) - (ZTVRAM)

Zeitschrift für Vermessungswesen Verlag Konrad Wittwer KG, Postfach 147, D-7000 Stuttgart 1, Germany

ZANCO Ser. A (Iraq) - (ZASADU)

ZANCO Scientific Journal of Sulaimaniyah University Series A: Pure and Applied Sciences Sulaimaniyah, Iraq

Zavod. Lab. (USSR) - (ZVDLAU)

Zavodskaya Laboratoriya 2-i, Obyedenskii Per., D, 14, Moskva, G-34, USSR [English translation in: Ind. Lab. (USA)]

Zeiss Inf. (Germany) - (ZEISAP)

Zeiss Information Carl Zeiss, Oberkochen/ Württ, Germany

Zesz. Nauk. Politech. Lodz. Elektr. (Poland) - (ZNPEAD)

Zeszyty Naukowe Politechniki Lodzkiej Elektryka Redakcja Wydawnictw Naukowych Politechniki Lodzkiej, Lodz, Ul. Gdanska 155, Poland

Zesz. Nauk. Politech. Lodz. Fiz. (Poland) - (ZNPFDJ)

Zeszyty Naukowe Politechniki Lodzkiej Fizyka Redakcja Wydawnictw Naukowych Politechniki Lodzkiej, 93-005 Lodz, ul. Wolczanska 219, Poland

Zh. Eksp. & Teor. Fiz. (USSR) - (ZETFA7)

Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki Akademiya Nauk SSSR, Leninskii Pros. 14, Moskva Editorial address: Varob'evskoe Shosse 2, Moskva V-334, USSR [English translation in: Sov. Phys.-JETP (USA)]

Zh. Nauchnoi & Prikl. Fotogr. & Kinematogr. (USSR) - (ZNPFG)

Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii Izdatel'stvo 'Nauka', Moskva, USSR

Zh. Prikl. Mekh. & Tekh. Fiz. (USSR) - (ZPMFAF)

Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki Sovetskaya 20, Novosibirsk, USSR [English translation in: J. Appl. Mech. & Tech. Phys. (USA)]

Zh. Prikl. Spektrosk. (USSR) - (ZPSBAX)

Zhurnal Prikladnoi Spektroskopii Editorial address: Institut Fiziki AN BSSR, Leninskii Pros. 70, Minsk GSP, USSR [English translation in: J. Appl. Spectrosc. (USA)]

Zh. Strukt. Khim. (USSR) - (ZSTKA1)

Zhurnal Strukturnoi Khimii Editorial address: Director, Institute of Inorganic Chemistry, Siberian Branch, Academy of Sciences of the USSR, USSR [English translation in: J. Struct. Chem. (USA)]

Zh. Tekh. Fiz. (USSR) - (ZTEFA3)

Zhurnal Tekhnicheskoi Fiziki Izdatel'stvo 'Nauka', Leningrad, USSR [English translation in: Sov. Phys. Tech. Phys. (USA)]

Zh. Vychisl. Mat. & Mat. Fiz. (USSR) - (ZVMFAN)

Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki Akademiya Nauk SSSR, Leninskii Pros. 14, Moskva. Editorial address: ul. Vavilova 28, Moskva V-333, USSR [English translation in: USSR Comput. Math. & Math. Phys. (GB)]

Zisin. J. Seismol. Soc. Jpn. (Japan) - (ZISIA5)

Zisin. Journal of the Seismological Society of Japan c/o Earthquake Research Institute, Tokyo University, Yayoi, Bunkyo-ku, Tokyo, Japan

ZWF Z. Wirtsch. Fertigung (Germany) - (ZTWFAF)

ZWF Zeitschrift für Wirtschaftliche Fertigung Carl Hanser Verlag, Kolbergerstrasse 22, D-8000 München 80, Germany



JOURNALS ABSTRACTED COMPLETELY

Selection of articles from any journal included in the List of Journals depends on the subject of the articles and their quality.

A number of these journals however are central to the INSPEC subject field and of a quality such that, virtually without exception, all articles are regularly abstracted. These journals are listed below.

- ACM Trans. Database Syst. (USA)
 ACM Trans. Math. Software (USA)
 ACM Trans. Program. Lang. & Syst. (USA)
 Acta Crystallogr. Sect. A (Denmark)
 Acta Electron. (France)
 Acta Inf. (Germany)
 Acta Metall. (USA)
 Acta Phys. Acad. Sci. Hung. (Hungary)
 Acta Phys. Austriaca
 Acta Phys. Pol. A (Poland)
 Acta Phys. Pol. B (Poland)
 Acta Phys. Sin. (China)
 Acta Polytech. Scand. El. (Finland)
 Acustica (Germany)
 Adv. Phys. (GB)
 AEDS J. (USA)
 AIP Conf. Phys. (USA)
 Akust. Zh. (USSR)
 Am. J. Phys. (USA)
 Angew. Inf. (Germany)
 Ann. Phys. (France)
 Ann. Phys. (Germany)
 Ann. Phys. (USA)
 Appl. Opt. (USA)
 Appl. Phys. (Germany)
 Appl. Phys. Lett. (USA)
 Arch. Elektr. & Uebertragungstechn. (Germany)
 Arch. Elektrotech. (Germany)
 Arch. Elektrotech. (Poland)
 Astron. & Astrophys. (Germany)
 Astron. & Astrophys. Suppl. Ser. (France)
 Astron. J. (USA)
 Astrophys. J. (USA)
 Astrophys. J. Lett. Ed. (USA)
 Astrophys. J. Suppl. Ser. (USA)
 Astrophysics (USA)
 Aust. Comput. J. (Australia)
 Aust. J. Phys. (Australia)
 Autom. & Remote Control (USA)
 Automatica (GB)
 BBC Eng. (GB)
 Bell Syst. Tech. J. (USA)
 BIT (Sweden)
 Br. J. Non-Destr. Test. (GB)
 Bull. Acad. Sci. USSR, Phys. Ser. (USA)
 Can. Electr. Eng. J. (Canada)
 Can. Phys. (Canada)
 Chem. Phys. Lett. (Netherlands)
 Chin. J. Phys. (Taiwan)
 Clin. Phys. & Physiol. Meas. (GB)
 Commun. ACM (USA)
 Comput. & Chem. (GB)
 Comput. & Educ. (GB)
 Comput. & Electr. Eng. (USA)
 Comput. & Geosci. (GB)
 Comput. & Graphics (GB)
 Comput. & Hum. (USA)
 Comput. & Struct. (GB)
 Comput. Aided Des. (USA)
 Comput. Appl. (GB)
 Comput. Biol. & Med. (GB)
 Comput. Des. (USA)
 Comput. Graphics & Image Process. (USA)
 Comput. J. (GB)
 Comput. Lang. (GB)
 Comput. Linguist. & Comput. Lang. (Hungary)
 Comput. Networks (Netherlands)
 Comput. Phys. Commun. (Netherlands)
 Comput. Programs Biomed. (Netherlands)
 Comput. Surv. (USA)
 Computer (USA)
 Computing (Austria)
 Cryst. Lattice Defects (GB)
 Cybernetics (USA)
 Czech. J. Phys. Sect. B (Czechoslovakia)
 Data Base (USA)
 Data Rep. (Germany)
 Database J. (GB)
 Digital Processes (Switzerland)
 Electr. Eng. Jpn. (USA)
 Electr. Technol. USSR (GB)
 Electrocompon. Sci. & Technol. (GB)
 Electron. Eng. (GB)
 Electron. Lett. (GB)
 Elektron. Informationsverarb. & Kybern. (Germany)
 Elektronika (Poland)
 Elektrotech. Obz. (Czechoslovakia)
 Elektrotechnika (Hungary)
 Elektrowaerme Int. Ed. B (Germany)
 Eur. Phys. J. (GB)
 Exp. Tech. Phys. (Germany)
 Ferroelectrics (GB)
 Fiz. Elem. Chastits & At. Yadra (USSR)
 Fiz. Met. & Metalloved. (USSR)
 Fiz. Nizk. Temp. (USSR)
 Fiz. Plazmy (USSR)
 Fizika (Yugoslavia)
 Fortschritt. Phys. (Germany)
 Found. Phys. (USA)
 Frequenz (Germany)
 Gen. Relativ. & Gravitation (GB)
 Geophys. J. R. Astron. Soc. (GB)
 High Temp. Sci. (USA)
 Hitachi Rev. (Japan)
 Hyperfine Interactions (Netherlands)
 IBM Nachr. (Germany)
 IBM Syst. J. (USA)
 Icarus (USA)
 IEE Proc. A (GB)
 IEE Proc. B (GB)
 IEE Proc. C (GB)
 IEE Proc. D (GB)
 IEE Proc. E (GB)
 IEE Proc. F (GB)
 IEE Proc. G (GB)
 IEE Proc. H (GB)
 IEE Proc. I (GB)
 IEEE Control Syst. Mag. (USA)
 IEEE Electron Device Lett. (USA)
 IEEE J. Oceanic Eng. (USA)
 IEEE J. Quantum Electron. (USA)
 IEEE J. Solid-State Circuits (USA)
 IEEE Trans. Acoust. & Signal Process. (USA)
 IEEE Trans. Aerosp. & Electron. Syst. (USA)
 IEEE Trans. Antennas & Propag. (USA)
 IEEE Trans. Autom. Control (USA)
 IEEE Trans. Biomed. Eng. (USA)
 IEEE Trans. Broadcast. (USA)
 IEEE Trans. Cable Telev. (USA)
 IEEE Trans. Circuits & Syst. (USA)
 IEEE Trans. Commun. (USA)
 IEEE Trans. Components, Hybrids & Manuf. Technol. (USA)
 IEEE Trans. Comput. (USA)
 IEEE Trans. Consum. Electron. (USA)
 IEEE Trans. Educ. (USA)
 IEEE Trans. Electr. Insul. (USA)
 IEEE Trans. Electromagn. Compat. (USA)
 IEEE Trans. Electron Devices (USA)
 IEEE Trans. Eng. Manage. (USA)
 IEEE Trans. Geosci. & Remote Sensing (USA)
 IEEE Trans. Ind. Appl. (USA)
 IEEE Trans. Ind. Electron. & Control Instrum. (USA)
 IEEE Trans. Inf. Theory (USA)
 IEEE Trans. Instrum. & Meas. (USA)
 IEEE Trans. Magn. (USA)
 IEEE Trans. Microwave Theory & Tech. (USA)
 IEEE Trans. Nucl. Sci. (USA)
 IEEE Trans. Pattern Anal. & Mach. Intell. (USA)
 IEEE Trans. Plasma Sci. (USA)
 IEEE Trans. Power Appar. & Syst. (USA)
 IEEE Trans. Prof. Commun. (USA)
 IEEE Trans. Reliab. (USA)
 IEEE Trans. Software Eng. (USA)
 IEEE Trans. Sonics & Ultrason. (USA)
 IEEE Trans. Syst. Man & Cybern. (USA)
 IEEE Trans. Veh. Technol. (USA)
 Indian J. Phys. Part A
 Indian J. Phys. Part B
 Indian J. Pure & Appl. Phys.
 Indian J. Theor. Phys.
 Inf. & Control (USA)
 Inf. Disp. (USA)
 Inf. & Manage. (Netherlands)
 Inf. Process. & Manage. (GB)
 Inf. Process. Lett. (Netherlands)
 Inf. Sciences (USA)
 Inf. Syst. (GB)
 Infor (Canada)
 Informatie (Netherlands)
 Infrared Phys. (GB)
 Int. J. Circuit Theory & Appl. (GB)
 Int. J. Comput. & Inf. Sci. (GB)
 Int. J. Comput. Math. (GB)
 Int. J. Control (GB)
 Int. J. Electron. (GB)
 Int. J. Multiphase Flow (GB)
 Int. J. Quantum Chem. (USA)
 Int. J. Solids & Struct. (GB)
 Int. J. Theor. Phys. (USA)
 Izv. VUZ Radioelektron. (USSR)
 J. Acoust. Soc. Am. (USA)
 J. Am. Ceram. Soc. (USA)
 J. Am. Soc. Inf. Sci. (USA)
 J. Appl. Crystallogr. (Denmark)
 J. Appl. Phys. (USA)
 J. Approximation Theory (USA)
 J. Assoc. Comput. Mach. (USA)
 J. Atmos. & Terr. Phys. (GB)
 J. Aust. Math. Soc. Ser. A (Australia)
 J. Chem. Phys. (USA)
 J. Comb. Theory Ser. B (USA)
 J. Comput. & Syst. Sci. (USA)
 J. Comput.-Based Instr. (USA)
 J. Cryst. Growth (Netherlands)
 J. Digital Syst. (USA)
 J. Educ. Data Process. (USA)
 J. Geophys. Res. (USA)
 J. Jpn. Inst. Met. (Japan)
 J. Low Temp. Phys. (USA)
 J. Magn. & Magn. Mater. (Netherlands)
 J. Mater. Sci. (GB)
 J. Math. Phys. (USA)
 J. Mol. Spectrosc. (USA)
 J. Non-Cryst. Solids (Netherlands)
 J. Nucl. Mater. (Netherlands)
 J. Opt. (France)
 J. Opt. Soc. Am. (USA)
 J. Optimiz. Theory & Appl. (USA)
 J. Phys. (France)
 J. Phys. A (GB)
 J. Phys. B (GB)
 J. Phys. C (GB)
 J. Phys. D (GB)
 J. Phys. E (GB)
 J. Phys. F (GB)
 J. Phys. G (GB)
 J. Phys. & Chem. Ref. Data (USA)
 J. Phys. & Chem. Solids (GB)
 J. Phys. Lett. (France)
 J. Phys. Soc. Jpn. (Japan)
 J. Plasma Phys. (GB)
 J. Radio Res. Lab. (Japan)
 J. Raman Spectrosc. (GB)
 J. Rheol. (USA)
 J. Soc. Mater. Sci. Jpn. (Japan)
 J. Solid State Chem. (USA)
 J. Sov. Laser Res. (USA)
 J. Stat. Comput. & Simulation (GB)
 J. Stat. Phys. (USA)
 J. Symb. Logic (USA)
 J. Syst. Manage. (USA)
 J. Test. & Eval. (USA)
 J. Vac. Sci. & Technol. (USA)
 Jpn. J. Appl. Phys. (Japan)
 Lett. Nuovo Cimento (Italy)
 Magn. Lett. (GB)
 Manage. Datamatics (Netherlands)
 Marconi Rev. (GB)
 Mater. Eval. (USA)
 Mater. Sci. & Eng. (Switzerland)
 Mater. Test. (Germany)
 Math. & Comput. Simulation (Netherlands)
 Math. Comput. (USA)
 Math. Program. (Netherlands)
 Mech. Autom. Adm. (Czechoslovakia)
 Med. Phys. (USA)
 Met. Forum (Australia)
 Met. Sci. (GB)
 Metall. Trans. A (USA)
 Metall. Trans. B (USA)
 Metrika (Austria)
 Microelectron. & Reliab. (GB)
 Mol. Phys. (GB)
 Mon. Not. R. Astron. Soc. (GB)
 Nachrichtentechn. Elektron. (Germany)
 Nachrichtentech. Z. (Germany)
 Networks (USA)
 Nouv. Autom. (France)
 Nucl. Fusion (Austria)
 Nucl. Instrum. & Methods (Netherlands)
 Nucl. Phys. A (Netherlands)
 Nucl. Phys. B (Netherlands)
 Nucl. Sci. & Eng. (USA)
 Nucl. Technol. (USA)
 Numer. Math. (Germany)
 Nuovo Cimento A (Italy)
 Nuovo Cimento B (Italy)
 Nuovo Cimento C (Italy)
 Opt. & Quantum Electron. (GB)
 Opt. & Spectrosc. (USA)
 Opt. Acta (GB)
 Opt. Commun. (Netherlands)
 Opt. Eng. (USA)
 Opt. Lett. (USA)
 Optik (Germany)
 Oxid. Met. (USA)
 Part. Accel. (GB)
 Philos. Mag. A (GB)
 Philos. Mag. B (GB)
 Phys. Energ. Fortis & Phys. Nucl. (China)
 Phys. Fluids (USA)
 Phys. Lett. A (Netherlands)
 Phys. Lett. B (Netherlands)
 Phys. Rev. A (USA)
 Phys. Rev. B (USA)
 Phys. Rev. C (USA)
 Phys. Rev. D (USA)
 Phys. Rev. Lett. (USA)
 Phys. Scr. (Sweden)
 Phys. Status Solidi a (Germany)
 Phys. Status Solidi b (Germany)
 Physica A (Netherlands)
 Physica B & C (Netherlands)
 Physica D (Netherlands)
 Pis'ma v Astron. Zh. (USSR)
 Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)
 Plasma Phys. (GB)
 Post Off. Electr. Eng. J. (GB)
 Power Eng. (Acad. Sci. USSR) (USA)
 Pr. Inst. Laczności (Poland)
 Pramana (India)
 Proc. IEEE (USA)
 Proc. R. Soc. London Ser. A (GB)
 Proc. S.I.D. (USA)
 Process Autom. (Germany)
 Prog. Theor. Phys. (Japan)
 Program. & Comput. Software (USA)
 Publ. Astron. Soc. Pac. (USA)
 Radiat. Eff. (GB)
 Radiat. Eff. Lett. (GB)
 Radio & Electron. Eng. (GB)
 Radio Eng. & Electron. Phys. (USA)
 Radio Sci. (USA)
 Rep. Prog. Phys. (GB)
 Rev. Mex. Fis. (Mexico)
 Rev. Mod. Phys. (USA)
 Rev. Phys. Appl. (France)
 Rev. Roum. Phys. (Romania)
 Rev. Sci. Instrum. (USA)
 Ric. Autom. (Italy)
 Riv. Inf. (Italy)
 Riv. Nuovo Cimento (Italy)
 Rozpr. Elektrotech. (Poland)
 Rundfunktech. Mitt. (Germany)
 Sci. Electr. (Switzerland)
 Ser. Metall. (USA)
 SIAM J. Comput. (USA)
 SIAM J. Control & Optimiz. (USA)
 SIAM J. Numer. Anal. (USA)
 Siemens Forsch. - & Entwicklungsber. (Germany)
 SIGCUE Bull. (USA)
 Signal Process. (Netherlands)
 SIGNUM Newsl. (USA)
 SIGPLAN Not. (USA)
 Simulation (USA)
 Slaboproudy Obz. (Czechoslovakia)
 Software Pract. & Exper. (GB)
 Sol. Cells (Switzerland)
 Solid-State Commun. (USA)
 Solid-State Electron. (GB)
 Sov. Astron. (USA)
 Sov. J. Opt. Technol. (USA)
 Sov. J. Part. & Nucl. (USA)
 Sov. J. Quantum Electron. (USA)
 Sov. Phys. J. (USA)
 Sov. Phys. - Acoust. (USA)
 Sov. Phys. - Crystallogr. (USA)
 Sov. Phys. - Dokl. (USA)
 Sov. Phys. - Lebedev Inst. Rep. (USA)
 Sov. Phys. - Semicond. (USA)
 Sov. Phys. - Solid-State (USA)
 Sov. Phys. - Tech. Phys. (USA)
 Sov. Phys. - Usp. (USA)
 Sov. Tech. Phys. Lett. (USA)
 Syst. Comput. Control (USA)
 Tech. Mitt. PTT (Switzerland)
 Tech. Mitt. RFZ (Germany)

Continued

THE TRANSLITERATION OF RUSSIAN FOR BIBLIOGRAPHICAL PURPOSES

English Letters	Languages	Cyrillic Letters	English Letters	Languages	Cyrillic Letters
a	R S B	А а	p	R S B	П п
b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	В	Ъ ъ
é	R	Э э	t	R S B	Т т
ê	R B	Ё ё	t'	R B	ТЬ ть
f	R S B	Ф ф	t'	S	Ъ ъ
g	R S B	Г г	th	R	Ө ө
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t-s	R S B	ТС тс
ī	R B	Й й	u	R S B	У у
j	S	Ў ў	ū	B	Ъ ъ
j'	S	Ў ў	ū	B	Ж ж
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј ј
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	ЛЬ ль	ȳ	R	Ѹ Ѹ
l'	S	ЛЬ ль	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	НЬ нь	zh	R S B	Ж ж
n'	S	НЬ нь	'	R	Ь ь
o	R S B	О о	'	R B	Ь ь

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasise the fact that they are used for single letters only in Serbian.

'Shch' and 'sht' invariably represent the letter III, in Russian and Bulgarian, respectively, since the pairs of letters (IIIh in Russian and IIIT in Bulgarian) seem never to occur consecutively in the respective languages.

The above table is reproduced, by permission, from the pamphlet 'The transliteration of Russian, Serbian and Bulgarian for bibliographical purposes' published by the Royal Society, Burlington House, London W1 (February 1953, price 5p.). It represents the system at present in use in Science Abstracts for the transliteration of the names of journals and the names of authors of articles abstracted.

TABLE 1. ALPHABETIC CORRELATION

Alphabet	Letter	Alphabet	Letter	Cyrillic Letter
A	А	Б	Б	В
Б	Б	В	В	Г
В	В	Г	Г	Д
Г	Г	Д	Д	Е
Д	Д	Е	Е	Ж
Е	Е	Ж	Ж	З
Ж	Ж	З	З	И
З	З	И	И	Й
И	И	Й	Й	К
Й	Й	К	К	Л
К	К	Л	Л	М
Л	Л	М	М	Н
М	М	Н	Н	О
Н	Н	О	О	П
О	О	П	П	Р
П	П	Р	Р	С
Р	Р	С	С	Т
С	С	Т	Т	У
Т	Т	У	У	Ф
У	У	Ф	Ф	Х
Ф	Ф	Х	Х	Ц
Х	Х	Ц	Ц	Ч
Ц	Ц	Ч	Ч	Ш
Ч	Ч	Ш	Ш	Щ
Ш	Ш	Щ	Щ	Ъ
Щ	Щ	Ъ	Ъ	Ы
Ъ	Ъ	Ы	Ы	Э
Ы	Ы	Э	Э	Ю
Э	Э	Ю	Ю	Я
Ю	Ю	Я	Я	

The letters "a" and "b" in Russian and Bulgarian alphabets are not combinations of a single letter but rather 1, 2 or 3 letters which are regarded as independent letters that they are used for writing words in letters.

They may be considered to represent the same thing as the letters "a" and "b" in the Russian and Bulgarian alphabets. (It should be noted that the Russian letter "a" is not a combination of letters in the Russian alphabet.)

This document is prepared by personnel of the National Security Council, Office of Russian, Serbian and Bulgarian Affairs, and is not to be distributed outside the Department of Defense. (This document is not to be distributed outside the Department of Defense.)

ABSTRACTS AND CURRENT PAPERS JOURNALS

SUBSCRIPTION PRICES

	USA \$	UK £	ROW £	JAPAN ¥
PHYSICS ABSTRACTS				
Paper or Microfiche.....	1105	440	565	452,000
Paper and Microfiche.....	1658	660	848	678,000
2nd and subsequent copies.....	480	250	250	200,000
ELECTRICAL & ELECTRONICS ABSTRACTS				
Paper or Microfiche.....	820	375	450	360,000
Paper and Microfiche.....	1230	562	675	540,000
COMPUTER & CONTROL ABSTRACTS				
Paper or Microfiche.....	495	230	290	232,000
Paper and Microfiche.....	742	345	435	348,000
PA/EEA/CCA COMBINED SUBSCRIPTION				
Paper or Microfiche.....	2150	915	1165	932,000
Paper and Microfiche.....	3225	1372	1748	1,398,000
EEA/CCA COMBINED SUBSCRIPTION				
Paper or Microfiche.....	1200	535	675	540,000
Paper and Microfiche.....	1800	802	1012	810,000
CURRENT PAPERS IN PHYSICS				
Member rate.....	60	30	30	—
Non-Member rate.....	140	80	80	64,000
CURRENT PAPERS IN ELECTRICAL & ELECTRONICS ENGINEERING				
Member rate.....	55	30	30	—
Non-Member rate.....	118	65	65	52,000
CURRENT PAPERS ON COMPUTERS & CONTROL				
Member rate.....	55	30	30	—
Non-Member rate.....	118	65	65	52,000
KEY ABSTRACTS				
Member rate*.....	30	15	15	—
Non-Member rate.....	65	30	30	24,000
KEY ABSTRACTS EMI/PMI COMBINED				
	—	50	50	40,000

*The Key Abstracts Member rate is available to Members of the IEE and IEEE only.

CUMULATIVE INDEXES

Cumulative indexes are available for *Physics Abstracts*, *Electrical & Electronics Abstracts* and *Computer & Control Abstracts*, for both authors and subjects. These cumulations generally cover a period of four years, with the exception of *Computer & Control Abstracts* where the initial volume covered the period 1966-68. The table below shows the prices and periods for the two types of cumulative index.

	PHYSICS ABSTRACTS		ELECTRICAL & ELECTRONICS ABSTRACTS		COMPUTER & CONTROL ABSTRACTS	
	Subject	Author	Subject	Author	Subject	Author
	£	£	£	£	£	£
1955-59	20	20	15	20	—	—
1960-64	40	17	20	12	—	—
1965-68	63	25	35	20	—	—
1969-72	—	—	72	64	48	30
1973-76	600	300	250	150	150	75
1966-68	—	—	—	—	15	

For US\$ and Yen prices please contact the appropriate address below

ORDERING PROCEDURE

THE AMERICAS

North (including Canada), Central and South

All orders from the above areas, and orders from members of Institute of Electrical and Electronics Engineers Inc. anywhere in the world, should be sent to Fulfillment Manager, Institute of Electrical & Electronics Engineers Inc., 445 Hoes Lane, Piscataway, N.J. 08854, USA.

日本のお客様に案内申し上げます

日本国内に於ける INSPEC の購入価格はすべて円建てとなっております。また刊行物はすべて航空便で配達されます。INSPEC 刊行物の価格、その他についてのお問い合わせは最新の本費取扱専門店または輸入総代理店朝ユース・エンサテック・カンパニー 下105東京都港区新橋1-13-12、TEL 03 (502) 6471 までご連絡ください。

REMAINDER OF THE WORLD

All remaining subscriptions should be sent to INSPEC Marketing Department, P.O. Box 26, Hitchin, Herts SG5 7RS, England. Telephone Hitchin 53331, Telex 825962, Telegrams IEE G.

OTHER INSPEC SERVICES

SDI

(Selective Dissemination of Information.) This is a service individually tailored to the requirements and interests of the engineer or research worker. Details of information relevant to the interest profile of the individual subscriber are selected from the data being processed for the INSPEC database. Information is dispatched weekly on 150 mm x 100 mm (6" x 4") cards.

TOPICS

This is an SDI service based on standard profiles. There are over 70 subjects covering high-activity areas of research and development. This is an inexpensive card service designed to alert engineers and researchers to the availability of literature within their subject area.

MAGNETIC TAPES

Tapes containing all the information included in the INSPEC publications are issued twice monthly. They enable the larger research and development organisations to produce their own internal information and current-awareness services.

1977-80

CUMULATIVE INDEXES

Search 4 years at a time
using the latest
Cumulative Indexes.

- **Save Time**

Your search is completed faster
with the
1977-80 Cumulative Indexes

- **Increase Precision**

The subject indexing has been
revised to relate all the entries
produced over the four year period
to the 1980 subject headings.

The 1977-1980 Cumulative Indexes are available
as follows:

Computer & Control Abstracts

Publication Sept./Oct. 1981

Electrical & Electronics Abstracts

Publication Oct./Nov. 1981

Physics Abstracts

Publication Spring 1982

Orders and Enquiries to:

INSPEC Marketing Department
Station House
Nightingale Road
Hitchin
Herts.

or for Americas only
INSPEC
IEEE Service Center
445 Hoes Lane
Piscataway, N.J. 08854
USA